PART E –CONTRACT

This Contract is entered into as of the date last executed, (the "Effective Date"), by and between Polk County, a political subdivision of the State of Florida, hereinafter referred to as the "County", and Register Construction & Engineering, Inc. its successors, executors, administrators and assigns, hereinafter referred to as the "Contractor".

WITNESSETH: Whereas the Contractor agrees with the County, for the consideration herein mentioned, and at its own proper cost and expense, to perform all the Work and furnish all the material, equipment, supplies and labor necessary to carry out this agreement in the manner and to the fullest extent as set forth in the attached Bid documents, being hereby made as such a binding part of this Contract as if written word for word herein, and whereas the Contractor has furnished satisfactory Bond and has complied with insurance requirements of the Specifications in Bid #: 25-614 .

NOW THEREFORE, the County and the Contractor do hereby agree as follows:

Article 1. Scope of Work: The Contractor shall perform in accordance with the attached Bid Documents, all the items of Work at the unit prices or lump sum price as listed in the Contractor's Bid Submittal.

Article 2. Contract Price: The Contract price includes the total bid price of $2,553,000.00 plus the Allowance Work amount of $127,650.00 the total sum being $2,680,650.00. This total contract price shall be reduced by the unused amount of the allowance if such Work is not completed.

Article 3. Plans and Specifications: The plans and specifications, and other Bid Documents upon which the unit or lump sum prices in the Contractor's Bid Submittal are based, are hereby made a part of this Contract by reference thereto; and are attached hereto.

Article 4 Time of Beginning and Completion: The Contractor agrees to begin Work within 10 calendar days after issuance of a Notice to Proceed by the Procurement Division. The Contractor will complete all Work necessary to reach Beneficial Occupancy within 180 calendar days from the Start Date memorialized within the Notice to Proceed. The Certificate of Substantial Completion shall be executed once Beneficial

Occupancy has been reached. The County and the Contractor agree the balance of all Work to be performed after execution of the Certificate of Substantial Completion shall be complete within 30 days from the date noted on the Certificate of Substantial Completion and shall be evidenced by execution of the Certificate of Final Completion. The Certificate of Final Completion shall be executed by both parties once all Work has been performed and all close out paperwork submitted and processed by the County. Total days for this project are 210 days. The allowance time for this project is 31 days.

Article 5. Payment for Quantities: Payment for those items requiring payment on a unit price basis will be made for the actual unit quantities, as provided for in the Technical Specifications.

Article 6. Partial Payments: Payment will be made to the Contractor for the Contract Work actually performed by the Contractor (during the previous calendar month) and approved by the County subject, however, to retention by the County of an amount equal to five percent (5%) of the payment in accordance with F. S. 218.735.

Article 7. Final Acceptance and Payment: Upon completion of the Work or as soon thereafter as practicable, the County and Professional shall make a final inspection and, if appropriate, acceptance of the Work, after which Contractor shall prepare a final estimate of all Work completed under this Contract. Payment therefore of the balance due shall be made in accordance with the Contract provisions. Payment on the final estimate shall include the full amount for the Work completed, based on the unit prices or lump sum of this Contract, subject, however, to the deduction of any payments already made under this Contract to the Contractor.

Article 8. Contract Documents: The Contractor and Polk County Procurement shall each obtain a photocopy of this Contract once it is executed. This original Contract shall be retained by the Clerk of Courts, County Comptroller once it is executed.

IN WITNESS THEREOF, the parties hereto have executed this Contract.

ATTEST: STACY M. BUTTERFIELD, CLERK

BY: _____
DEPUTY CLERK

COUNTY: POLK COUNTY, a political subdivision of the State of Florida

BY: _____
Martha Santiago, Ed., D. CHAIR
BOARD OF COUNTY COMMISSIONERS

DATE SIGNED BY CHAIRMAN _____

Reviewed as to form and legal sufficiency.

5/19/20

County Attorney's Office Date

ATTEST:

Mike Butler, Corporate Secretary

SEAL

CONTRACTOR:

Register Construction & Engineering, Inc.

BY: _____
Authorized Corporate Officer or Individual

LESTER D. REGISTER JR
(Printed or Typed Name of Signer)

CEO
(Printed or Typed Title of Signer)

3730 New Tampa Hwy Lakeland, FL 33815
(Business Address of Contractor)

863-688-7775
(Telephone Number)

ACKNOWLEDGEMENT OF FIRM, IF A CORPORATION

STATE OF FLORIDA County OF POLK

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization this 4/30/2026 (Date) by LESTER D. REGISTER JR (Name of officer or agent) as CEO (title of officer or agent) of the Corporation on behalf of the Corporation, pursuant to the powers conferred upon him/her by the Corporation. He/she personally appeared before me at the time of notarization, and ☒ is personally known to me or ☐ has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this 4/30/2026 (Date)

_____ (Official Notary Signature and Notary Seal)

ROBERT MICHAEL BUTLER (Name of Notary typed, printed or stamped)

Commission Number HH 616538 **Commission Expiration Date** 11/25/2028

Notary Public State of Florida
Robert Michael Butler
My Commission HH 616538
Expires 11/25/2028

Florida's Crossroads of Opportunity

330 West Church Street, Room 150
PO Box 9005 • Drawer AS05
Bartow. Florida 33831-9005

Board of County Commissioners

PHONE: 863-534-6757
FAX: 863-534-6789
www.polkfl.gov

PROCUREMENT DIVISION

Memorandum of Understanding

Pre-Award Meeting Summary

DATE: May 4, 2026

TO: Buddy Register, Register Construction & Testing Engineering, Inc.

FROM: Tabatha Shirah, Senior Procurement Analyst

RE: Bid 25-614 Construction of New Inspection & Testing Building

---

The following items were discussed at the pre-award meeting, held Thursday, April 30, 2026:

- The County has accepted the Contractor's verbal commitment to the discussed items, as mentioned in the Contractor's Bid Submittal and is ready to move forward with a Recommendation of Award.
- The Contractor's representatives agreed to commit to all deliverables of the contract at the submitted price and will bring the project to completion on or before 210 days from start of construction.
- The Contractor's representatives agreed to commit to all deliverables of the contract and will bring the project to completion at the submitted base bid price of $2,553,000.00, plus allowance amount of $127,650.00, for a total contract amount of $2,680,650.00 on or before 210 days from start of the construction
- County cannot pre-pay for materials.
- If the building is being shifted 20 feet to the south, the County will provide revised plans. Contractor shall guarantee no impact on construction costs or contract time due to this potential minor change.
- An existing underground (UG) communications vault was shown on the bid document plans. The County is responsible for any necessary changes involving this vault if required.
- If required, the County will provide imported fill dirt for elevation changes resulting from the 20-foot building footprint shift.
- The existing overhead TECO power line and utility poles were illustrated in the bid documents and are considered a known site condition, acknowledged during the mandatory pre-bid site visit.

I, Lester "Buddy" Register Jr. (Contractor), do hereby certify and acknowledge the items noted above. I understand any default on the part of Register Construction & Engineering, Inc. (Company name) may result in suspension or debarment, at the discretion of the Purchasing Director.

Contractor: Lester D. Register Jr.

Company Name: Register Construction & Engineering, Inc. Date: 5/4/2026

DIVISION OF CORPORATIONS

Sunbiz.org DIVISION of CORPORATIONS an official State of Florida website

Detail by Entity Name

Florida Profit Corporation
REGISTER CONSTRUCTION & ENGINEERING, INC.

Filing Information

Document Number	410949
FEI/EIN Number	59-1419729
Date Filed	10/17/1972
State	FL
Status	ACTIVE
Last Event	NAME CHANGE AMENDMENT
Event Date Filed	05/09/1984
Event Effective Date	NONE

Principal Address

3730 NEW TAMPA HWY
LAKELAND, FL 33815

Changed: 01/24/1997

Mailing Address

3730 NEW TAMPA HWY
LAKELAND, FL 33815

Changed: 01/20/2004

Registered Agent Name & Address

REGISTER, LESTER D
3730 NEW TAMPA HIGHWAY
LAKELAND, FL 33815

Address Changed: 01/18/2000

Officer/Director Detail

Name & Address

Title S/T

BUTLER, MIKE
511 HOWARD AVE
LAKELAND, FL 33815

Title CEO

REGISTER, LESTER D. JR.
620 LONE PALM DRIVE
LAKELAND, FL 33815

Title President

REGISTER III, LESTER D
480 Canterwood Drive
Mulberry, FL 33860

Annual Reports

Report Year	Filed Date
2024	03/04/2024
2024	09/30/2024
2025	02/06/2025

Document Images

02/06/2025 -- ANNUAL REPORT	View image in PDF format
09/30/2024 -- AMENDED ANNUAL REPORT	View image in PDF format
03/04/2024 -- ANNUAL REPORT	View image in PDF format
01/23/2023 -- ANNUAL REPORT	View image in PDF format
01/24/2022 -- ANNUAL REPORT	View image in PDF format
01/11/2021 -- ANNUAL REPORT	View image in PDF format
01/14/2020 -- ANNUAL REPORT	View image in PDF format
02/06/2019 -- ANNUAL REPORT	View image in PDF format
01/15/2018 -- ANNUAL REPORT	View image in PDF format
01/09/2017 -- ANNUAL REPORT	View image in PDF format
08/25/2016 -- AMENDED ANNUAL REPORT	View image in PDF format
01/21/2016 -- ANNUAL REPORT	View image in PDF format
01/12/2015 -- ANNUAL REPORT	View image in PDF format
01/08/2014 -- ANNUAL REPORT	View image in PDF format
01/22/2013 -- ANNUAL REPORT	View image in PDF format
01/04/2012 -- ANNUAL REPORT	View image in PDF format
02/17/2011 -- ANNUAL REPORT	View image in PDF format
01/19/2010 -- ANNUAL REPORT	View image in PDF format
01/20/2009 -- ANNUAL REPORT	View image in PDF format
01/09/2008 -- ANNUAL REPORT	View image in PDF format
01/10/2007 -- ANNUAL REPORT	View image in PDF format
01/12/2006 -- ANNUAL REPORT	View image in PDF format
01/10/2005 -- ANNUAL REPORT	View image in PDF format
01/20/2004 -- ANNUAL REPORT	View image in PDF format
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01/23/2002 -- ANNUAL REPORT	View image in PDF format
01/11/2001 -- ANNUAL REPORT	View image in PDF format
01/18/2000 -- ANNUAL REPORT	View image in PDF format

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

REGISTER, LESTER DUNN III

REGISTER CONSTRUCTION & ENGINEERING, INC.
3730 NEW TAMPA HWY
LAKELAND FL 33815

LICENSE NUMBER: CGC062859

EXPIRATION DATE: AUGUST 31, 2026

Always verify licenses online at MyFloridaLicense.com

ISSUED: 08/01/2024

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

Florida dbpr Department of Business & Professional Regulation

ONLINE SERVICES

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File a Complaint
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View Application Status
Find Exam Information
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AB&T Delinquent Invoice & Activity List Search

LICENSEE DETAILS

3:02:56 PM 5/18/2026

Licensee Information

Name:	**REGISTER, LESTER DUNN III (Primary Name)**
	REGISTER CONSTRUCTION & ENGINEERING, INC. (DBA Name)
Main Address:	**3730 NEW TAMPA HWY LAKELAND Florida 33815**
County:	**POLK**

License Information

License Type:	**Certified General Contractor**
Rank:	**Cert General**
License Number:	**CGC062859**
Status:	**Current,Active**
Licensure Date:	**11/15/2001**
Expires:	**08/31/2026**

Special Qualifications	Qualification Effective
Construction Business	**02/14/2017**

Alternate Names

View Related License Information
View License Complaint

2601 Blair Stone Road, Tallahassee FL 32399 :: Email: Customer Contact Center :: Customer Contact Center: 850.487.1395

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EXHIBIT II: PUBLIC CONSTRUCTION BOND

FRONT PAGE
F.S. CHAPTER 255.05

BOND NO.:	30253439
CONTRACTOR NAME:	Register Construction & Engineering, Inc.
CONTRACTOR ADDRESS:	3730 New Tampa Highway, Lakeland FL 33815
CONTRACTOR PHONE NO:	863-688-7775
SURETY COMPANY:	Western Surety Company 151 N. Franklin Street, CHICAGO, IL 60606 312-822-5000
OWNER NAME: OWNER ADDRESS: OWNER PHONE NO:	Polk County, a political subdivision of the State of Florida 330 W. Church St Bartow, FL 33830 (863) 534-6757
OBLIGEE NAME: (if contracting entity is different from the owner, the contracting public entity)	N/A
OBLIGEE ADDRESS:	N/A
OBLIGEE PHONE NO:	N/A
BOND AMOUNT:	$ 2,680,650.00
CONTRACT NUMBER:	Bid 25-614
GENERAL DESCRIPTION OF PROJECT:	Construct and install a new inspection and testing Building for the Roads & Drainage Division.
PROJECT LOCATION:	3000 Sheffield Road, Winter Haven, FL 33880

Bond No. 30253439

EXHIBIT II (cont'd): PUBLIC CONSTRUCTION BOND

KNOW ALL MEN BY THESE PRESENTS: That Register Construction & Engineering, Inc., as Principal, and Western Surety Company, as Surety, located at 151 N. Franklin Street, CHICAGO, IL 60606, (Business Address) are held and firmly bound unto Polk County, a political subdivision of the State of Florida, as Obligee in the sum of $ 2,680,650.00 in lawful currency of the United States, for the payment whereof we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the Contract executed between Principal and County for construction of the Contract being made a part of this bond by reference, at the times and in the manner prescribed in the Contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.05(1) Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided in the Contract; and
3. Pays County all losses, damages, expenses, costs, liquidated damages, and attorney fees, including appellate proceedings, that County sustains because of a default by Principal under the Contract; and
4. Performs the guarantee of all work and materials furnished under the Contract for the time specified in the Contract, then this bond is void, otherwise it remains in full force.

Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes.

Any changes in or under the Contract Documents and compliance or non-compliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this bond.

Reference is hereby made to Section 255.05 Florida Statutes, and to the notice and time limitation provisions thereof:

IN WITNESS WHEREOF, this instrument is executed this 11th day of MAY, 2026

Bond No. 30253439

ATTEST:

Witness L.D. REGISTER JR

Witness LESTER REGISTER III

PRINCIPAL: Register Construction & Engineering, Inc.

BY: _____ (SEAL)
Authorized Signature (Principal)

MIKE BUTLER
Printed Name

SECRETARY TREASURER
Title of Person Signing Above

ATTEST:

Witness Eileen Heard, Surety Witness

Witness Peter Alesci, Surety Witness

SURETY: Western Surety Company
Printed Name

BY: _____ (SEAL)
Attorney in Fact
and Florida Licensed Resident Agent

Kevin R. Wojtowicz
Printed Name

Acrisure, LLC, 1000 Central Ave, #200,
St. Petersburg FL 33705
Business Address

727-209-1803

Bond No. 30253439

EXHIBIT III: PAYMENT OF STORED MATERIALS

As regards payment for stored materials on Bid # 25-614, and the inclusion by Register Construction & Engineering, Inc. (Principal) in Applications for Payment to Polk County, a political subdivision of the State of Florida (County) without evidence that those stored materials have been paid for by Principal, Surety hereby pledges:

AS TO THE PERFORMANCE BOND:

Surety acknowledges that materials will be stored on site or at a site agreeable to the County for use or incorporation in the project referenced herein. Surety agrees to remain obligated under the Performance Bond for the failure or default by Principal for any reason to timely use or incorporate the materials in the project. This certification applies to both the materials and associated labor with respect to Principal's obligation to timely complete the project according to the contract specifications.

AS TO THE LABOR AND MATERIALS PAYMENT BOND:

Surety acknowledges that materials will be stored on site or at a site agreeable to the County for use or incorporation in the project referenced herein. Surety agrees to remain obligated under the Labor and Materials Payment Bond to ensure that all materialmen, laborers, suppliers, and subcontractors having claims or disputes pertaining to the procurement and properly authorized storage of these materials are promptly paid by Principal.

Entered into this 11TH day of MAY, 2026 by Western Surety Company

(Name of Surety)

Authorized signature of Surety
Kevin R. Wojtowicz, Attorney in fact
and Florida Licensed Resident Agent

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Don Bramlage, Laura D Mosholder, Charles J Nielson, D A Belis, Brett M Rosenhaus, Kevin R Wojtowiez, Charles D Nielson, David R Hoover, Daniel F Oaks of Miami Lakes and St Petersburg, FL
Laura D Mosholder, Charles J Nielson, D A Belis, Charles D Nielson, Brett M Rosenhaus, David R Hoover, Kevin R Wojtowicz of Lake Worth FL
Don Bramlage, Laura D Mosholder, Charles J Nielson, D A Belis, Charles D Nielson, David R Hoover, Daniel F Oaks, Brett M Rosenhaus, Kevin R Wojtowicz of Pensacola, FL Kevin Richard Wojtowicz, Arthur Colley, Nicole Colley of Charlotte, NC, Individually

its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the Authorizing By-Laws and Resolutions printed at the bottom of this page, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 25th day of February, 2026.

WESTERN SURETY COMPANY

Larry Kasten, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 25th day of February, 2026, before me personally came Larry Kasten, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
December 4, 2031

K. WALSH
NOTARY PUBLIC
SOUTH DAKOTA

K. Walsh, Notary Public

CERTIFICATE

I, Paula Kolsrud, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Laws and Resolutions of the corporation printed below this certificate are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this day of , 2026

WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

This Power of Attorney is signed by Larry Kasten, Vice President, who has been authorized pursuant to the above Bylaw to execute power of attorneys on behalf of Western Surety Company.

This Power of Attorney may be signed by digital signature and sealed by a digital or otherwise electronic-formatted corporate seal under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 27th day of April, 2022:

"RESOLVED: That it is in the best interest of the Company to periodically ratify and confirm any corporate documents signed by digital signatures and to ratify and confirm the use of a digital or otherwise electronic-formatted corporate seal, each to be considered the act and deed of the Company."

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

AM Best Rating Services

Western Surety Company

BestLink AMB #: 060874 NAIC #: 13188 FEIN #: 460284800

Mailing Address
151 N. Franklin Street
Chicago, Illinois 60606
United States

View Additional Address Information

Web: www.cna.com
Phone: 312-822-5000

AM Best Rating Unit: AMB #: 018214 - Western Surety Group

Assigned to insurance companies that have, in our opinion, a superior ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on AM Best's analysis, 050177 - Loews Corporation is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength View Definition

Rating (Rating Category):	A+ (Superior)
Outlook (or Implication):	Stable
Action:	Upgraded
Effective Date:	December 03, 2025
Initial Rating Date:	June 30, 1922

Long-Term Issuer Credit View Definition

Rating (Rating Category):	aa- (Superior)
Outlook (or Implication):	Stable
Action:	Upgraded
Effective Date:	December 03, 2025
Initial Rating Date:	June 21, 2005

Financial Size Category View Definition

Financial Size Category: XIII (USD 1.25 Billion to Less than 1.50 Billion)

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Office: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Elizabeth Stemble
Director: Alan Murray
Note: *See the Disclosure Information Form or Press Release below for the office and analyst at the time of the rating event.*

Disclosure Information

Disclosure Information Form
View AM Best's Rating Disclosure Form

Press Release
AM Best Upgrades Credit Ratings of CNA Financial Corporation and Its Subsidiaries
December 03, 2025

Rating History

A.M. Best has provided ratings & analysis on this company since 1922.

Financial Strength Rating

Effective Date	Rating
December 03, 2025	A+
December 05, 2024	A
December 15, 2023	A
August 17, 2023	A
August 04, 2022	A
July 08, 2021	A

Long-Term Issuer Credit Rating

Effective Date	Rating
December 03, 2025	aa-
December 05, 2024	a+
December 15, 2023	a+
August 17, 2023	a+
August 04, 2022	a+
July 08, 2021	a+

Related Financial and Analytical Data

The following links provide access to related data records that AM Best utilizes to provide financial and analytical data on a consolidated or branch basis.

AMB #	Company Name	Company Description
018214	Western Surety Group (SG) Rating Unit	Represents the AM Best Consolidated financials for the Property/Casualty business of this legal entity.

Best's Credit & Financial Reports

Best's Credit Report - financial data included in Best's Credit Report reflects the data used in determining the current credit rating(s) for AM Best Rating Unit: AMB #: 018214 - Western Surety Group.

Best's Credit Report - Archive - reports which were released prior to the current Best's Credit Report.

Best's Financial Report - financial data included in Best's Financial Report reflects the most current data available to AM Best, including updated financial exhibits and additional company information, and is available to subscribers of Best's Insurance Reports.

Best's Financial Report - Archive - reports which were released prior to the current Best's Financial Report.

View additional news, reports and products for this company.

Western Surety Company

(NAIC #13188)

BUSINESS ADDRESS: 151 N. Franklin Street, CHICAGO, IL 60606
PHONE: (312) 822-5000
UNDERWRITING LIMITATION b/: $147,759,000
SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY
INCORPORATED IN: South Dakota

PART D – EXHIBITS

EXHIBIT I: BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we Register Construction & Engineering, Inc. (hereinafter called the Principal) and Western Surety Company (hereinafter called the Surety), a Corporation chartered and existing under the Laws of the State of South Dakota ,and authorized to do business in the State of Florida, are held and firmly bound unto Polk County, a political subdivision of the State of Florida, in the full and just sum of * see below dollars ($ $127,650) good and lawful money of the United States of America, to be paid upon demand of the County, to which payment will and truly be made, we bind ourselves, our heirs, executors, administrators, successors, and assigned jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted to the County, a Bid Submittal for the purpose of Bid 25-614, Construction of a New Inspection & Testing Building.

NOW THEREFORE, the conditions of this obligation are such if the Bid Submittal is accepted and recommended for award of a contract, the Principal shall, execute a satisfactory contract documents including an executed Public Construction Bond payable to County, in the amount of 100 percent (100%) of the total Contract Price, in form and with surety satisfactory to said County, then this obligation to be void, otherwise to be and remaining full force and virtue in law, and the surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements, immediately pay to the aforesaid County, upon demand, the amount of this Bond, in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

In the event the numerical expression is omitted or expressed as less than five percent (5%) of the total bid price, this figure shall be assumed to be erroneously stated and this bid bond shall be binding upon the Principal and Surety in the amount of five percent (5%) of the total bid price.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this 10th day of December 20 25 .

* One hundred twenty-seven thousand six hundred fifty and 00/100 dollars

ATTEST:

Witness

Witness

PRINCIPAL: Register Construction & Engineering, Inc.

BY: _____ (SEAL)
Authorized Signature (Principal)

MIKE BUTLER
Printed Name

TREASURER
Title of Person Signing Above

ATTEST:

Witness
Eileen Heard, Surety Witness

Witness
Jordan Long, Surety Witness

SURETY: Western Surety Company
Printed Name

BY: _____ (SEAL)
Attorney in Fact
and Florida Licensed Resident Agent

Kevin Wojtowicz
Printed Name

Acrisure, LLC, 1000 Central Ave, #200,
St. Petersburg FL 33705
Business Address

NOTES:

1. **Write in the dollar amount of the bond which must be at least five percent (5%) of the amount Bid included in the Submittal.**

2. **All bonds signed by an agent must be accompanied by a certified copy of such agent's authority to act.**

Attorneys-in-fact who sign Bid Bonds or Contract Bonds must file with each bond a certified and effectively dated copy of their power of attorney.

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Don Bramlage, Laura D Mosholder, Charles J Nielson, D A Bells, Brett M Rosenhaus, Kevin R Wojtowicz, Charles D Nielson, David R Hoover, Daniel F Oaks of Miami Lakes and St Petersburg, FL
Laura D Mosholder, Charles J Nielson, D A Bells, Charles D Nielson, Brett M Rosenhaus, David R Hoover, Kevin R Wojtowicz of Lake Worth FL
Don Bramlage, Laura D Mosholder, Charles J Nielson, D A Bells, Charles D Nielson, David R Hoover, Daniel F Oaks, Brett M Rosenhaus, Kevin R Wojtowicz of Pensacola, FL Kevin Richard Wojtowicz, Arthur Colley, Nicole Colley of Charlotte, NC, Individually

its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the Authorizing By-Laws and Resolutions printed at the bottom of this page, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 25th day of February, 2026.

WESTERN SURETY COMPANY

Larry Kasten, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 25th day of February, 2026, before me personally came Larry Kasten, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is a Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
December 4, 2031

K. WALSH
NOTARY PUBLIC
SOUTH DAKOTA

K. Walsh, Notary Public

CERTIFICATE

I, Paula Kolsrud, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Laws and Resolutions of the corporation printed below this certificate are still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 10th day of December, 2025.

WESTERN SURETY COMPANY

Paula Kolsrud, Assistant Secretary

Authorizing By-Laws and Resolutions

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

This Power of Attorney is signed by Larry Kasten, Vice President, who has been authorized pursuant to the above Bylaw to execute power of attorneys on behalf of Western Surety Company.

This Power of Attorney may be signed by digital signature and sealed by a digital or otherwise electronic-formatted corporate seal under and by the authority of the following Resolution adopted by the Board of Directors of the Company by unanimous written consent dated the 27th day of April, 2022:

"RESOLVED: That it is in the best interest of the Company to periodically ratify and confirm any corporate documents signed by digital signatures and to ratify and confirm the use of a digital or otherwise electronic-formatted corporate seal, each to be considered the act and deed of the Company."

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

AM Best Rating Services

Western Surety Company

BestLink | AMB #: 000974 NAIC #: 13188 FEIN #: 440284800

Mailing Address
151 N. Franklin Street
Chicago, Illinois 60606
United States

View Additional Address Information

Web: www.cna.com
Phone: 312-822-5000

AM Best Rating Unit: AMB #: 018214 - Western Surety Group

Assigned to insurance companies that have, in our opinion, a superior ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on AM Best's analysis, 050177 - Loews Corporation is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength View Definition

Rating (Rating Category):	A+ (Superior)
Outlook (or Implication):	Stable
Action:	Upgraded
Effective Date:	December 03, 2025
Initial Rating Date:	June 30, 1922

Long-Term Issuer Credit View Definition

Rating (Rating Category):	aa- (Superior)
Outlook (or Implication):	Stable
Action:	Upgraded
Effective Date:	December 03, 2025
Initial Rating Date:	June 21, 2005

Financial Size Category View Definition

Financial Size Category: XIII (USD 1.25 Billion to Less than 1.50 Billion)

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Office: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Elizabeth Bamble
Director: Alan Murray
Note: *See the Disclosure Information Form or Press Release below for the office and analyst at the time of the rating event.*

Disclosure Information

Disclosure Information Form
View AM Best's Rating Disclosure Form

Press Release
AM Best Upgrades Credit Ratings of CNA Financial Corporation and Its Subsidiaries
December 03, 2025

Rating History

A.M. Best has provided ratings & analysis on this company since 1922.

Financial Strength Rating

Effective Date	Rating
December 03, 2025	A+
December 05, 2024	A
December 15, 2023	A
August 17, 2023	A
August 04, 2022	A
July 08, 2021	A

Long-Term Issuer Credit Rating

Effective Date	Rating
December 03, 2025	aa-
December 05, 2024	a+
December 15, 2023	a+
August 17, 2023	a+
August 04, 2022	a+
July 08, 2021	a+

Related Financial and Analytical Data

The following links provide access to related data records that AM Best utilizes to provide financial and analytical data on a consolidated or branch basis.

AMB #	Company Name	Company Description
018214	Western Surety Group (SG) Rating Unit	Represents the AM Best Consolidated financials for the Property/Casualty business of this legal entity.

Best's Credit & Financial Reports

Best's Credit Report - financial data included in Best's Credit Report reflects the data used in determining the current credit rating(s) for AM Best Rating Unit: AMB #: 018214 - Western Surety Group.

Best's Credit Report - Archive - reports which were released prior to the current Best's Credit Report.

Best's Financial Report - financial data included in Best's Financial Report reflects the most current data available to AM Best, including updated financial exhibits and additional company information, and is available to subscribers of Best's Insurance Reports.

Best's Financial Report - Archive - reports which were released prior to the current Best's Financial Report.

View additional news, reports and products for this company.

Western Surety Company

(NAIC #13188)

BUSINESS ADDRESS: 151 N. Franklin Street, CHICAGO, IL 60606
PHONE: (312) 822-5000
UNDERWRITING LIMITATION b/: $147,759,000
SURETY LICENSES c,f/: AL, AK, AZ, AR, CA, CO, CT, DE, DC, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, PR, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY
INCORPORATED IN: South Dakota

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 4/1/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Higginbotham Insurance Agency, Inc.
91 Lake Morton Drive
Lakeland FL 33801

License#: 2081754

CONTACT NAME: Tennille Hillebrand
PHONE (A/C, No, Ext): 863-316-3713 FAX (A/C, No): 863-688-4344
E-MAIL ADDRESS: stahlcertificateslakeland@higginbotham.net

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Amerisure Insurance Company	19488
INSURER B : Amerisure Mutual Insurance Company	23396
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
Register Construction & Engineering Inc
3730 New Tampa Hwy
Lakeland FL 33815-3332
REGICON-02

COVERAGES **CERTIFICATE NUMBER:** 816587657 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY	Y	Y	CPP212940500	4/1/2026	4/1/2027	EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE [X] OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 100,000
							MED EXP (Any one person)	$ 10,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PERSONAL & ADV INJURY	$ 1,000,000
	POLICY [ ] PRO-JECT [ ] LOC						GENERAL AGGREGATE	$ 2,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
B	AUTOMOBILE LIABILITY	Y		CA 40015390002	4/1/2026	4/1/2027	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	X HIRED AUTOS ONLY / X NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR			CU21294060002	4/1/2026	4/1/2027	EACH OCCURRENCE	$ 5,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$ 5,000,000
	DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] (Mandatory in NH)	N / A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	Inland Marine			CPP212940500	4/1/2026	4/1/2027	Limit	150,000
							Deductible	500

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Polk County, a political subdivision of the State of Florida is included as additional insured where required by written contract with respect to General Liability and Automobile Liability as per terms and conditions of the policy. Waiver of Subrogation has been granted where required by written contract with respect to General Liability as per terms and conditons of the policy.

CERTIFICATE HOLDER

Polk County, a political subdivision of the State of Florida
330 W. Church Street
P.O. Box 9050 Drawer AS05
Bartow FL 33830

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 12/18/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Harper Insurance Group, LLC 4625 East Bay Drive Ste 302 Clearwater FL 33764	**CONTACT NAME:** Catherine Stergeos **PHONE (A/C, No, Ext):** 727-725-1703 **FAX (A/C, No):** **E-MAIL ADDRESS:** cstergeos@harperinsgrp.com
INSURED Register Construction & Engineering, Inc. 3730 New Tampa Hwy Lakeland FL 33815	**INSURER(S) AFFORDING COVERAGE** — **NAIC #** INSURER A: Insurance Co. of the West — ICW INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** 20251218204248465 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$
	☐ CLAIMS-MADE ☐ OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
							MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$
	☐ POLICY ☐ PRO-JECT ☐ LOC						PRODUCTS - COMP/OP AGG	$
	OTHER:							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY ☐ SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB ☐ OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB ☐ CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE ☐ OTH-ER	
A	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N [N]	N/A	Y	WFL216212018	01/01/2026	01/01/2027	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Workers Comp Waiver of Subrogation is provided in favor of Polk County for all work performed for the County.

CERTIFICATE HOLDER

Polk County a political subdivision of the
State of Florida
330 West Church Street
PO Box 9005 Drawer AS05
Bartow FL 33831-9005

Email: CONTRACTORLICENSING@POLK-COUNTY.NET

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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AM Best Rating Services

Amerisure Insurance Company

BestLink AMB #: 004032 NAIC #: 19488 FEIN #: 381969912

Mailing Address
26777 Halsted Road
Farmington Hills, Michigan 48331-3586
United States

View Additional Address Information

Web: www.amerisure.com
Phone: 248-615-9000
Fax: 248-426-7892

AM Best Rating Unit: AMB #: 004071 - Amerisure Companies

Assigned to insurance companies that have, in our opinion, an excellent ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on AM Best's analysis, 052536 - Amerisure Mutual Holdings, Inc. is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength View Definition

Rating (Rating Category):	A (Excellent)
Affiliation Code:	p (Pooled)
Outlook (or Implication):	Stable
Action:	Affirmed
Effective Date:	March 25, 2026
Initial Rating Date:	June 30, 1969

Long-Term Issuer Credit View Definition

Rating (Rating Category):	a (Excellent)
Outlook (or Implication):	Stable
Action:	Affirmed
Effective Date:	March 25, 2026
Initial Rating Date:	June 18, 2007

Financial Size Category View Definition

Financial Size Category: XIII (USD 1.25 Billion to Less than 1.50 Billion)

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Office: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Elizabeth Bamble
Director: Alan Murray
Note: *See the Disclosure Information Form or Press Release below for the office and analyst at the time of the rating event.*

Disclosure Information

Disclosure Information Form
View AM Best's Rating Disclosure Form

Rating History

A.M. Best has provided ratings & analysis on this company since 1969.

Financial Strength Rating

Effective Date	Rating
March 25, 2026	A
March 25, 2025	A
February 29, 2024	A
February 23, 2023	A
February 24, 2022	A

Long-Term Issuer Credit Rating

Effective Date	Rating
March 25, 2026	a
March 25, 2025	a
February 29, 2024	a
February 23, 2023	a
February 24, 2022	a

Best's Credit & Financial Reports

Best's Credit Report - financial data included in Best's Credit Report reflects the data used in determining the current credit rating(s) for AM Best Rating Unit: AMB #: 004071 - Amerisure Companies.

Best's Credit Report - Archive - reports which were released prior to the current Best's Credit Report.

Best's Financial Report - financial data included in Best's Financial Report reflects the most current data available to AM Best, including updated financial exhibits and additional company information, and is available to subscribers of Best's Insurance Reports.

Best's Financial Report - Archive - reports which were released prior to the current Best's Financial Report.

View additional news, reports and products for this company.

Amerisure Mutual Insurance Company

BestLink AMB #: 000604 NAIC #: 23396 FEIN #: 380629210

Mailing Address
26777 Halsted Road
Farmington Hills, Michigan 48331-3586
United States

View Additional Address Information

Web: www.amerisure.com
Phone: 248-615-9000
Fax: 248-426-7992

AM Best Rating Unit: AMB #: 004071 - Amerisure Companies

Assigned to insurance companies that have, in our opinion, an excellent ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on AM Best's analysis, 052536 - Amerisure Mutual Holdings, Inc. is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength View Definition

Rating (Rating Category):	A (Excellent)
Affiliation Code:	p (Pooled)
Outlook (or Implication):	Stable
Action:	Affirmed
Effective Date:	March 25, 2026
Initial Rating Date:	June 30, 1922

Long-Term Issuer Credit View Definition

Rating (Rating Category):	a (Excellent)
Outlook (or Implication):	Stable
Action:	Affirmed
Effective Date:	March 25, 2026
Initial Rating Date:	June 18, 2007

Financial Size Category View Definition

Financial Size Category: XIII (USD 1.25 Billion to Less then 1.50 Billion)

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Office: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Elizabeth Bamble
Director: Alan Murray
Note: *See the Disclosure Information Form or Press Release below for the office and analyst at the time of the rating event.*

Disclosure Information

Disclosure Information Form
View AM Best's Rating Disclosure Form

Rating History

A.M. Best has provided ratings & analysis on this company since 1922.

Financial Strength Rating

Effective Date	Rating
March 25, 2026	A
March 25, 2025	A
February 29, 2024	A
February 23, 2023	A
February 24, 2022	A

Long-Term Issuer Credit Rating

Effective Date	Rating
March 25, 2026	a
March 25, 2025	a
February 29, 2024	a
February 23, 2023	a
February 24, 2022	a

Related Financial and Analytical Data

The following links provide access to related data records that AM Best utilizes to provide financial and analytical data on a consolidated or branch basis.

AMB #	Company Name	Company Description
004071	Amerisure Companies (G) Rating Unit	Represents the AM Best Consolidated financials for the Property/Casualty business of this legal entity.

Best's Credit & Financial Reports

Best's Credit Report - financial data included in Best's Credit Report reflects the data used in determining the current credit rating(s) for AM Best Rating Unit: AMB #: 004071 - Amerisure Companies.

Best's Credit Report - Archive - reports which were released prior to the current Best's Credit Report.

Best's Financial Report - financial data included in Best's Financial Report reflects the most current data available to AM Best, including updated financial exhibits and additional company information, and is available to subscribers of Best's Insurance Reports.

Best's Financial Report - Archive - reports which were released prior to the current Best's Financial Report.

View additional news, reports and products for this company.

AM Best Rating Services

Insurance Company of the West

BestLink | AMB #: 004667 NAIC #: 27847 FEIN #: 952788232

Mailing Address
P.O. Box 509039
San Diego, California 92150
United States

View Additional Address Information

Web: www.icwgroup.com
Phone: 858-350-2400
Fax: 858-350-2792

AM Best Rating Unit: AMB #: 002967 - ICW Group

Assigned to insurance companies that have, in our opinion, an excellent ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on AM Best's analysis, 051656 - Ernest Rady Trust is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength View Definition

Rating (Rating Category):	A (Excellent)
Affiliation Code:	p (Pooled)
Outlook (or Implication):	Stable
Action:	Affirmed
Effective Date:	December 10, 2025
Initial Rating Date:	June 30, 1978

Long-Term Issuer Credit View Definition

Rating (Rating Category):	a (Excellent)
Outlook (or Implication):	Stable
Action:	Affirmed
Effective Date:	December 10, 2025
Initial Rating Date:	July 30, 2007

Financial Size Category View Definition

Financial Size Category: XV (Greater than or Equal to USD 2.00 Billion)

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Office: A.M. Best Rating Services, Inc.
Financial Analyst II: Christine DePalma
Director: Edin Imamovic
Note: *See the Disclosure Information Form or Press Release below for the office and analyst at the time of the rating event.*

Disclosure Information

Disclosure Information Form
View AM Best's Rating Disclosure Form

Rating History

A.M. Best has provided ratings & analysis on this company since 1978.

Financial Strength Rating

Effective Date	Rating
December 10, 2025	A
December 18, 2024	A
December 07, 2023	A
November 23, 2022	A
November 19, 2021	A

Long-Term Issuer Credit Rating

Effective Date	Rating
December 10, 2025	a
December 18, 2024	a
December 07, 2023	a
November 23, 2022	a
November 19, 2021	a

Related Financial and Analytical Data

The following links provide access to related data records that AM Best utilizes to provide financial and analytical data on a consolidated or branch basis.

AMB #	Company Name	Company Description
002967	ICW Group (G) Rating Unit	Represents the AM Best Consolidated financials for the Property/Casualty business of this legal entity.

Best's Credit & Financial Reports

Best's Credit Report - financial data included in Best's Credit Report reflects the data used in determining the current credit rating(s) for AM Best Rating Unit: AMB #: 002967 - ICW Group.

Best's Credit Report - Archive - reports which were released prior to the current Best's Credit Report.

Best's Financial Report - financial data included in Best's Financial Report reflects the most current data available to AM Best, including updated financial exhibits and additional company information, and is available to subscribers of Best's Insurance Reports.

Best's Financial Report - Archive - reports which were released prior to the current Best's Financial Report.

View additional news, reports and products for this company.

EXHIBIT IV: NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of Florida)
SS
County of Polk)
Jack Wood, being first duly sworn, deposes and says that:

1. They are Jack Wood of Register Construction & Engineering, Inc. the Bidder that has submitted the attached Bid;
2. They are fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstance respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidders nor any of their officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion of communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid of any other Bidder, or to fix any overhead, profit or cost element of the Bid Price or the Bid Price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Polk County, a political subdivision of the State of Florida (County) or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signature: Jack Wood Title: Project Manager
STATE OF Florida
COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 10TH day of DECEMBER, 2025, by MIKE BUTLER (*name*) as SECRETARY/TREASURER (*title of officer*) of REGISTER CONSTRUCTION (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____
Printed Name of Notary Public: MIKE BUTLER
Notary Commission Number and Expiration: _____
(AFFIX NOTARY SEAL)

Notary Public State of Florida
Robert Michael Butler
My Commission HH 616538
Expires 11/25/2028

Exhibit VI-A
Subcontractor List

Exhibit VI-A Bid # 25-614 Register Construction & Engineering, Inc.

		Classification															
Work Activity	Firm Performing Work	Caucasian, Male	%	Caucasian, Female	%	African American	%	Hispanic American	%	Asian Pacific American	%	Native American	%	Asian Indian American	%	Total	% of Total
General Conditions & Fee	Register Construction	$ 348,599.00	100%													$ 348,599.00	13.65%
Sitework	Roggen Clyne Development	$ 210,425.00	100%													$ 210,425.00	8.24%
Concrete	Rock Solid Concrete	$ 185,985.00	100%													$ 185,985.00	7.28%
Masonry	Register Construction	$ 11,996.00	100%													$ 11,996.00	0.47%
PEMB	Steel Craft Builders	$ 687,959.00	78%	$ 97,020.00	11%			$ 97,020.00	11%							$ 881,999.00	34.55%
Aluminum Canopy	Tampa Bay Awning	$ 7,441.00	100%													$ 7,441.00	0.29%
Rough Carpentry	Register Construction	$ 3,500.00	100%													$ 3,500.00	0.14%
Doors/Hardware	Mills & Nebraska			$ 56,501.00	100%											$ 56,501.00	2.21%
Glass/Glazing	Door & Co	$ 57,838.00	100%													$ 57,838.00	2.27%
Metal Studs/Drywall	Quality Contractors	$ 120,267.00	100%													$ 120,267.00	4.71%
Acoustical Ceiling	Acoustical Services	$ 8,890.00	50%	$ 8,890.00	50%											$ 17,780.00	0.70%
Flooring	Duffy & Lee	$ 29,974.00	100%													$ 29,974.00	1.17%
Resinous Flooring	Stonhard	$ 21,478.00	100%													$ 21,478.00	0.84%
Painting	C&C Painting Contractors							$ 16,565.00	100%							$ 16,565.00	0.65%
Signs	Mark Master							$ 8,256.00	100%							$ 8,256.00	0.32%
Toilet Accs/FE	Register Construction	$ 5,519.00	100%													$ 5,519.00	0.22%
Appliances	Register Construction	$ 9,000.00	100%													$ 9,000.00	0.35%
Window Shades	Register Construction	$ 7,000.00	100%													$ 7,000.00	0.27%
Cabinets/Counter Tops	OnePointe Solutions	$ 76,941.00	100%													$ 76,941.00	3.01%
Fire Sprinklers	Piper Fire Protection	$ 32,630.00	100%													$ 32,630.00	1.28%
Plumbing	A Step Above Plumbing	$ 94,000.00	100%													$ 94,000.00	3.68%
HVAC	Payne Air Conditioning	$ 120,000.00	100%													$ 120,000.00	4.70%
Electrical	AEI Electrical Construction	$ 192,000.00	100%													$ 192,000.00	7.52%
Security	Specialty Electronic Systems	$ 37,306.00	100%													$ 37,306.00	1.46%
SubTotals		$ 2,268,748.00		$ 162,411.00		$ -		$ 121,841.00		$ -		$ -		$ -		$ 2,553,000.00	100.00%
Allowance																$ 127,650.00	
TOTAL																$ 2,680,650.00	

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Polk)

Kyle T. Clyne, being first duly sworn, deposes and says that:

1. They are President of Roggen Clyne Development, Inc., hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title President

STATE OF Florida

COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 4th day of May, 2026, by Kyle Clyne (*name*) as President (*title of officer*) of Roggen Clyne (*entity name*), on behalf of the company, who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: Kevin Roggen

Notary Commission Number and Expiration: May 9 2029

(AFFIX NOTARY SEAL)

KEVIN ROGGEN
Notary Public - State of Florida
Commission # HH 647123
My Comm. Expires May 9, 2029
Bonded through National Notary Assn.

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company

State of Florida)

SS

County of Polk)

Matt Guay, being first duly sworn, deposes and says that:

1. They are VP of Rock Solid Concrete, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Registre Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title Vice President

STATE OF Florida

COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 4th day of May, 2026 by Matt Guay (*name*) as VP (*title of officer*) of Rock Solid Concrete (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Lauren B. Earnest

Printed Name of Notary Public: Lauren Earnest

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

LAUREN EARNEST
Commission # HH 763941
Expires May 4, 2030

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Marion)

Brad Hammett, being first duly sworn, deposes and says that:

1. They are Manager of Steel Craft Builders, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Reiser construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed [signature]

Title Manager

STATE OF Florida

COUNTY OF Marion

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 5th day of May, 2026, by Brad Hammett (*name*) as Manager (*title of officer*) of Steel Craft Builders (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: [signature]

Printed Name of Notary Public: Tori Crawford

Notary Commission Number and Expiration: 3/21/30

(AFFIX NOTARY SEAL)

TORI CRAWFORD
Notary Public - State of Florida
Commission # HH 764246
My Comm. Expires Mar 21, 2030
Bonded through National Notary Assn.

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Nevada)

SS

County of Clark)

Michael Freed, being first duly sworn, deposes and says that:

1. They are Office Manager of Tampa Bay Awning LLC, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed Michael Joseph Freed

Title ~~Owner~~ AM Office Manager

STATE OF Nevada

COUNTY OF Clark

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☑ online notarization, this 19th day of May, 202 6, by Michael Joseph Freed (*name*) as Office Manager (*title of officer*) of Tampa Bay Awning (*entity name*), on behalf of the company, who ☐ is personally known to me or ☑ has produced Florida Driver's License as identification.

Notary Public Signature: Angela Mattox

Printed Name of Notary Public: Angela Mattox

Notary Commission Number and Expiration: 07/11/2027

(AFFIX NOTARY SEAL)

Angela Mattox
NOTARY PUBLIC
STATE OF NEVADA
Appt. No. 24-5107-01
Expires July 11, 2027

This instrument was acknowledged before me on 05/19/2026 by Michael Joseph Freed.
Notarized remotely using audio-video communication technology via Proof.

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Orange)

Jill Valente, being first duly sworn, deposes and says that:

1. They are Contract Admin of Mills + Nebraska, LLC, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed Jill Valente

Title Contract Administrator

STATE OF Florida

COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 14 day of May, 2025 by Jill Valente (*name*) as Contract Admin (*title of officer*) of Mills Nebraska (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Heather Solomon

Printed Name of Notary Public: Heather Solomon

Notary Commission Number and Expiration: HH 602833 2/13/2027

(AFFIX NOTARY SEAL)

Notary Public State of Florida
Heather A Solomon
My Commission HH 602833
Expires 2/13/2027

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of FLORIDA)

SS

County of PINELLAS)

ANTHONY CULLOTTA, being first duly sworn, deposes and says that:

1. They are CEO of DOOR & CO, LLC, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to REGISTER CONSTRUCTION the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title CEO

STATE OF FLORIDA

COUNTY OF PINELLAS

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 4th day of MAY, 2026, by ANTHONY CULLOTTA (*name*) as CEO (*title of officer*) of DOOR & CO, LLC (*entity name*), on behalf of the company, who ☒ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: LINDA FELLOWS

Notary Commission Number and Expiration: 6/11/29

(AFFIX NOTARY SEAL)

LINDA WILLEY FELLOWS
MY COMMISSION # HH 686893
EXPIRES: June 11, 2029

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company

State of FLORIDA)

SS

County of POLK)

Kip Gatlin, being first duly sworn, deposes and says that:

1. They are President of Quality Contractors, Inc, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614. Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed Kip Gatlin

Title President

STATE OF FLORIDA

COUNTY OF POLK

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☒ online notarization, this 11th day of May, 2026, by Kip Gatlin (name) as President (title of officer) of Quality Contractors Inc (entity name), on behalf of the company, who ☒ is personally known to me or ☐ has produced as identification.

Notary Public Signature: Brenda Lee Thornhill

Printed Name of Notary Public: Brenda Lee Thornhill

Notary Commission Number and Expiration:

(AFFIX NOTARY SEAL)

BRENDA LEE THORNHILL
Notary Public - State of Florida
Commission # HH 606052
My Comm. Expires Nov 13, 2028
Bonded through National Notary Assn.

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Polk)

Craig Bryant Jr, being first duly sworn, deposes and says that:

1. They are President of Acoustical Services Inc, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Const. the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title President

STATE OF Florida

COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 6th day of May, 2026, by Craig Bryant Jr (*name*) as President (*title of officer*) of ASI (*entity name*), on behalf of the company, who ☒ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Erin Bryant

Printed Name of Notary Public: Erin Bryant

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

ERIN N. BRYANT
MY COMMISSION # HH 676022
EXPIRES: August 12, 2029

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of FLORIDA)

SS

County of BROWARD)

WILLIAM DUFFY JR, being first duly sworn, deposes and says that:

1. They are PRESIDENT of DUFFY AND LEE COMPANY, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to REGISTER CONSTRUCTION the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title PRESIDENT

STATE OF FLORIDA

COUNTY OF BROWARD

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 12 day of MAY, 2026, by WILLIAM DUFFY JR (*name*) as PRESIDENT (*title of officer*) of DUFFY AND LEE COMPANY (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: Ana C. Pribisco

Notary Commission Number and Expiration: 5/1/2030

(AFFIX NOTARY SEAL)

ANA C. PRIBISCO
Notary Public - State of Florida
Commission # HH 773054
My Comm. Expires May 1, 2030
Bonded through National Notary Assn.

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of New Jersey)

SS

County of Camden)

Laura Mason, being first duly sworn, deposes and says that:

1. They are Supervisor SE Region of Stonhard, division of StonCor Group, Inc. , hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed Laura Mason

Title Supervisor Southeast Region

STATE OF New Jersey

COUNTY OF Camden

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 19 day of May, 2026, by Laura Mason (*name*) as Supervisor SE Region (*title of officer*) of Stonhard, division of StonCor Group, Inc. (*entity name*), on behalf of the company, who ☒ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Michelle J Hayes

Printed Name of Notary Public: Michelle J Hayes

Notary Commission Number and Expiration: 7/12/2029

(AFFIX NOTARY SEAL)

MICHELLE J HAYES NOTARY PUBLIC NEW JERSEY My Comm. Exp. 07-12-2029

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Hillsborough)

Juan D Salazco, being first duly sworn, deposes and says that:

1. They are Project manager of CBC painting, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title Project manager

STATE OF Florida

COUNTY OF Hillsborough

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 6 day of May, 2026, by Juan D Salazco (*name*) as Project manager (*title of officer*) of CBC Painting (*entity name*), on behalf of the company, who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

NATALIE SIERRA OROZCO
MY COMMISSION # HH 756508
EXPIRES: February 14, 2030

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has ~~received written approval of subcontractor from Polk County, a political subdivision of the State~~ of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Hillsborough)

Craig Moore, being first duly sworn, deposes and says that:

1. They are the Vice President of Sales of MarkMaster Inc., hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed [signature] (Craig Moore)

Title Chief Sales Officer

STATE OF Florida

COUNTY OF Hillsborough

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 14th day of May, 2026, by _____ (*name*) as _____ (*title of officer*) of _____ (*entity name*), on behalf of the company, who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: [signature] Jasmine Marie Studemire

Printed Name of Notary Public: Jasmine Marie Studemire

Notary Commission Number and Expiration: 9/15/2028

(AFFIX NOTARY SEAL)

JASMINE MARIE STUDEMIRE
Notary Public, State of Florida
Commission# HH 593048
My comm. expires Sept. 15, 2028

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Texas)

SS

County of Bastrop.)

Ashley Wright, being first duly sworn, deposes and says that:

1. They are VP of OnePointe Solutions, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title Vice President of Operations.

STATE OF Texas

COUNTY OF Bastrop

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 4 day of May, 2026, by Ashley Wright (*name*) as VP of Operations (*title of officer*) of OnePointe Solutions (*entity name*), on behalf of the company, who ☒ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: ANNA MARIE LAURENT

Notary Commission Number and Expiration: 08-10-2026

(AFFIX NOTARY SEAL) 133261236

AnnaMarie Laurent NOTARY PUBLIC STATE OF TEXAS ID 133261236 EXPIRES 08/10/2029

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Pinellas)

Chris Johnson, being first duly sworn, deposes and says that:

1. They are _____ of Piper Fire Protection, LLC, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to _____ the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title President

STATE OF Florida

COUNTY OF Pinellas

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 19 day of May, 2026, by Chris Johnson (*name*) as President (*title of officer*) of Piper Fire Protection, LLC (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Maria Bodrog

Printed Name of Notary Public: Maria Bodrog

Notary Commission Number and Expiration: 6/5/26

(AFFIX NOTARY SEAL)

Notary Public State of Florida
Maria Bodrog
My Commission HH 571451
Expires 6/5/2026

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Polk)

Chris Gainer, being first duly sworn, deposes and says that:

1. They are President of A Step Above Plumbing, Inc., hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to _____ the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title President

STATE OF Florida

COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 6 day of May, 2026, by Chris Gainer (*name*) as President (*title of officer*) of A Step Above Plumbing (*entity name*), on behalf of the company, who ☒ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: Christine M. Whitlock

Notary Commission Number and Expiration: February 3, 2028

(AFFIX NOTARY SEAL)

CHRISTINE M. WHITLOCK
MY COMMISSION # HH 482667
EXPIRES: February 3, 2028

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company

State of FLORIDA)

SS

County of POLK)

RANDY HENDERSON, being first duly sworn, deposes and says that:

1. They are MANAGER of PAYNE AIR CONDITIONING, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to REGISTER CONSTRUCTION the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed Randy Henderson

Title Commercial Install Dept. Manager

STATE OF Florida

COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 6 day of May, 2026, by Randy Henderson (*name*) as Comm. Dept. Mgr (*title of officer*) of Payne Air Conditioning (*entity name*), on behalf of the company, who ☒ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Mary Volner

Printed Name of Notary Public: Mary Volner

Notary Commission Number and Expiration: November 28, 2027

(AFFIX NOTARY SEAL)

MARY VOLNER
Notary Public - State of Florida
Commission # HH 468030
My Comm. Expires Nov 28, 2027
Bonded through National Notary Assn.

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Polk)

Lloyd H Arnett III, being first duly sworn, deposes and says that:

1. They are owner of AEI Electrical Construction, Inc, hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed _____

Title Lloyd Arnett/President

STATE OF Florida

COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 7th day of May, 2026, by Lloyd Arnett (*name*) as owner (*title of officer*) of AEI Electric (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Stephen Ross Nichols II

Printed Name of Notary Public: Stephen Ross Nichols II

Notary Commission Number and Expiration: HH 227229

(AFFIX NOTARY SEAL)

STEPHEN ROSS NICHOLS II
Notary Public - State of Florida
Commission # HH 227229
My Comm. Expires Jun 7, 2026
Bonded through National Notary Assn.

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of Florida)

SS

County of Pasco)

Kevin Dail, being first duly sworn, deposes and says that:

1. They are Owner of Specialty Electronic Systems, Inc. hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to Register Construction the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed K. Dail

Title President

STATE OF FL

COUNTY OF Pasco

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 5th day of May, 2026, by Kevin Dail (*name*) as President (*title of officer*) of Specialty Electronic Systems, Inc. (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Kristine Marie Dail

Printed Name of Notary Public: Kristine Marie Dail

Notary Commission Number and Expiration: 3/10/28

(AFFIX NOTARY SEAL)

Notary Public State of Florida
Kristine Marie Dail
My Commission HH 502217
Expires 3/10/2028

EXHIBT XVIII: CERTIFICATE OF COMPLIANCE

In accordance with Florida Statutes, Chapter 440, the General Contractor hereby states that for projects $250,000.00 or more, all subcontractors employed to work have workers' compensation insurance in place.

Bid # 25-614

REGISTER CONSTRUCTION & ENGINEERING INC

Contractor

Signature

MIKE BUTLER, SECRETARY TREASURER

Printed Name of Signer

4/30/2026

Date

PART C – BID SHEETS AND ACKNOWLEDGEMENT FORM (Lump Sum Price)
NAME OF PROJECT: Bid 25-614, Construction of a New Inspection & Testing Building

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid Submittal as principal or principals is or are named herein and that no other person that herein mentioned has any interest in this Submittal or in the Contract to be entered into; that this Submittal is made without any connection with any other person, company or parties making a Bid Submittal; and that the Submittal is, in all respects, fair and made in good faith, without collusion or fraud.

The bidder further declares that they have examined the site of the Work and informed themselves fully in regard to all conditions pertaining to the place where the work is to be done; that they have examined the Plans and Specifications for Work and Contractual Documents relative thereto; that they have read all special provisions furnished prior to the opening of Bids; and that they have satisfied themselves relative to the work to be performed.

The Bidder proposes and agrees, if this Bid Submittal is accepted, to contract with the County in the form of Contract specified; and to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the Work.

ALL THE FOLLOWING REQUESTED INFORMATION MUST BE

HEREUPON GIVEN FOR THIS BID SUBMITTAL TO BE

CONSIDERED BY THE COUNTY

1. BID PRICE $ 2,553,000.00

WRITTEN AMOUNT (SPELL OUT) Two Million Five Hundred Fifty Three Thousand DOLLARS

Zero CENTS

(lump sum price for completing all required work in strict accordance with the requirements specified in the Bid Package)

2. CONTRACT TIME TO COMPLETION OF THIS PROJECT **210** CALENDAR DAYS FOR FINAL COMPLETION

NAME OF BIDDER Register Construction & Engineering, Inc.
(type or printed firm, corporation, business or individual)

Deduct to Use Alternate Metal Panels $157,825.00 One Hundred Fifty Seven Thousand Eight Hundred Twenty Five Dollars Zero Cents

CONTRACTOR'S LICENSE NUMBER **(Copy of License Attached)**

CGC062859 — State Certification Number

Lester Register III — Individual's Name (Print or Type)

Polk County Registration Number

Individual's Name (Print or Type)

Polk County Business Receipt Tax (Business License)

Company Name (Print or Type)

ADDENDUM RECEIPT

Bidder shall acknowledge below the receipt of any and all Addenda, if any, to the Plans and Specifications, listing the Addenda by number and date.

Addendum No. 1,4 Date 11/10/2025 11/25/2025

Addendum No. 2,5 Date 11/14/2025 11/26/2025

Addendum No. 3,6 Date 11/21/2025 12/08/2025

We understand all requirements and state that as a legitimate bidder we will comply with all the stipulations included in the bid package.

Submittal Date 12/10/2025
(Bid Receiving Date)

BIDDER: Register Construction & Engineering, Inc.

BY: Jack Wood
(Authorized Signature – in ink)

Jack Wood
(Printed Name of Signer)

Project Manager
(Printed Title of Signer)

3730 New Tampa Hwy — Address
Lakeland — City
FL — State
33815 — Zip Code

863-688-7775
Telephone Number

Email Address jack@registerconstruction.net

ACKNOWLEDGEMENT OF CONTRACTOR, IF A CORPORATION

STATE OF Florida COUNTY OF Polk The foregoing instrument was acknowledged before me by means of ✓ physical presence or __ online notarization this 10TH day of DECEMBER 2025, by MIKE BUTLER (name) as SECRETARY/TREASURER title of officer) of REGISTER CONSTRUCTION (entity name), on behalf of the company, who ✓ is personally known to me or __ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: MIKE BUTLER

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL) * see below

ACKNOWLEDGEMENT OF CONTRACTOR, IF A LIMITED LIABILITY COMPANY

STATE OF _____ COUNTY OF _____ The foregoing instrument was acknowledged before me by means of __ physical presence or __ online notarization this_____ day of _____ 202__, by _____(name) as _____(title of officer) of the Company, pursuant to the powers conferred_____(entity name), on behalf of the company, who __ is personally known to me or __ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

ACKNOWLEDGEMENT OF FIRM, IF AN INDIVIDUAL

STATE OF _____ County OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization this_____(Date) By _____ (Name of acknowledging) who personally appeared before me at the time of notarization, and ☐ is personally known to me or ☐ has produced_____ as identification and did certify to have knowledge of the matters in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____(Date)_

_____ (Official Notary Signature and Notary Seal)

_____ (Name of Notary typed, printed or stamped)

Commission Number _____ Commission Expiration Date _____

*

Notary Public State of Florida
Robert Michael Butler
My Commission HH 616538
Expires 11/25/2028

November 10, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 1
BID # 25-614, Construction of a New Inspection & Testing Building

---

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: questions/answers, ***"Bid 25-614, Addendum 1"*** attachment added to FTP Site and bid receiving date extension.

The Bid Receiving Date has been extended two (2) weeks. The revised Bid Receiving Date is Wednesday, December 3, 2025, prior to 2:00 p.m.

To receive a copy of the Addendum 1 attachment please go the following FTP site: https://ftp3.polk-county.net, you will be prompted for a User ID and Password. The User ID is procurevendor and the password is solicitation. After you have logged in to the FTP site, double click on the file folder "Bid 25-614, Bid Attachments", select "Open" or "Save As" to download the Addendum document. If you need assistance accessing this website due to ADA or any other reason, please email Tabatha Shirah at tabathashirah@polkfl.gov.

Addendum 2 forthcoming.

Respectfully,

Tabatha Shirah
Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature	Jack Wood
Printed Name:	Jack Wood
Title:	Project Manager
Company:	Register Construction & Engineering, Inc.

November 14, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 2

BID # 25-614, CONSTRUCTION OF A NEW INSPECTION & TESTING BUILDING

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: Additional site-visit information.

Non-mandatory additional site-visit will be held Thursday, November 20, 2025, at 1:30 p.m. in the Roads & Drainage Building, located at 3000 Sheffield Road, Winter Haven, FL 33880.

Only the contractors who attended the Mandatory Pre-Bid/Site-Visit held on Tuesday, October 28, 2025 are eligible to submit a bid. The purpose of this site-visit is to allow vendors to bring subcontractors, take measurements, etc. if they were unable to at the mandatory.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature	Jack Wood
Printed Name:	Jack Wood
Title:	Project Manager
Company:	Register Construction & Engineering, Inc.

November 21, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 3
BID # 25-614, Construction of a New Inspection & Testing Building

---

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: questions/answers and revised drawings added to the FTP Site.

To receive a copy of revised drawings please go the following FTP site: https://ftp3.polk-county.net, you will be prompted for a User ID and Password. The User ID is procurevendor and the password is solicitation. After you have logged in to the FTP site, double click on the file folder **"Bid 25-614, Bid Attachments"**, select "Open" or "Save As" to download the **"Bid 25-614, Addendum 3 – Revised Drawings."** If you need assistance accessing this website due to ADA or any other reason, please email Tabatha Shirah at tabathshirah@polkfl.gov.

Respectfully,

Tabatha Shirah
Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature	Jack Wood
Printed Name:	Jack Wood
Title:	Project Manager
Company:	Register Construction & Engineering, Inc.

November 25, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 4
BID # 25-614, Construction of a New Inspection & Testing Building

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This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: questions/answers and bid receiving date extension.

The Bid Receiving Date has been extended one (1) week. The revised Bid Receiving Date is Wednesday, December 10, 2025, prior to 2:00 p.m.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature	Jack Wood
Printed Name:	Jack Wood
Title:	Project Manager
Company:	Register Construction & Engineering, Inc.

November 26, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 5
BID # 25-614, Construction of a New Inspection & Testing Building

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This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: revision.

Revision to Reference Sheet E-102:

1. Lighting Fixture Schedule:
    a) Fixture type 'B' shall be revised to METALUX #AVT2-LD5-6-DR100-W-UNVL840-SSL-WL / 4FT VAPORTITE 6000 LUMEN LINEAR FIXTURE WITH IMPACT LENS.
    b) Delete fixture type 'G'.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature	Jack Wood
Printed Name:	Jack Wood
Title:	Project Manager
Company:	Register Construction & Engineering, Inc.

December 8, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 6
BID # 25-614, Construction of a New Inspection & Testing Building

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This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: question/answer.

Q1: It was brought to our attention by a local company that furnishes and erects pre-engineered metal buildings that a local contractor bidding the project requested an erection bid only for low line metal building (frame only) and he intended to purchase the panels and metal building from separate manufacturers and have separate erectors for the building and the panels. With the above stated, and to enable all the bidders to submit apple to apple bids, we are requesting response?

A1: All Bidders shall ensure that the pre-engineered metal building (PEMB) and all required PEMB components shall meet the requirements of the construction documents. Prime bidders shall obtain all required clarifications from the FL licensed structural engineer, PEMB and Structural Insulated Panels (SIP) manufacturers since the delegated design is the prime bidders responsibility.

This response/clarification is not intended to change or modify the construction documents or delegated design requirements.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature	Jack Wood
Printed Name:	Jack Wood
Title:	Project Manager
Company:	Register Construction & Engineering, Inc.

Ron DeSantis, Governor

Melanie S. Griffin, Secretary

Florida dbpr

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

REGISTER, LESTER DUNN III

REGISTER CONSTRUCTION & ENGINEERING, INC.
3730 NEW TAMPA HWY
LAKELAND FL 33815

LICENSE NUMBER: CGC062859

EXPIRATION DATE: AUGUST 31, 2026

Always verify licenses online at MyFloridaLicense.com

ISSUED: 08/01/2024

Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.

DIVISION OF CORPORATIONS

Department of State / Division of Corporations / Search Records / Search by Entity Name /

Detail by Entity Name

Florida Profit Corporation
REGISTER CONSTRUCTION & ENGINEERING, INC.

Filing Information

Document Number	410949
FEI/EIN Number	59-1419729
Date Filed	10/17/1972
State	FL
Status	ACTIVE
Last Event	NAME CHANGE AMENDMENT
Event Date Filed	05/09/1984
Event Effective Date	NONE

Principal Address

3730 NEW TAMPA HWY
LAKELAND, FL 33815

Changed: 01/24/1997

Mailing Address

3730 NEW TAMPA HWY
LAKELAND, FL 33815

Changed: 01/20/2004

Registered Agent Name & Address

REGISTER, LESTER D
3730 NEW TAMPA HIGHWAY
LAKELAND, FL 33815

Address Changed: 01/18/2000

Officer/Director Detail

Name & Address

Title S/T

BUTLER, MIKE
511 HOWARD AVE
LAKELAND, FL 33815

Title CEO

REGISTER, LESTER D. JR.
620 LONE PALM DRIVE
LAKELAND, FL 33815

Title President

REGISTER III, LESTER D
480 Canterwood Drive
Mulberry, FL 33860

Annual Reports

Report Year	Filed Date
2024	03/04/2024
2024	09/30/2024
2025	02/06/2025

Document Images

02/06/2025 -- ANNUAL REPORT	View image in PDF format
09/30/2024 -- AMENDED ANNUAL REPORT	View image in PDF format
03/04/2024 -- ANNUAL REPORT	View image in PDF format
01/23/2023 -- ANNUAL REPORT	View image in PDF format
01/24/2022 -- ANNUAL REPORT	View image in PDF format
01/11/2021 -- ANNUAL REPORT	View image in PDF format
01/14/2020 -- ANNUAL REPORT	View image in PDF format
02/06/2019 -- ANNUAL REPORT	View image in PDF format
01/15/2018 -- ANNUAL REPORT	View image in PDF format
01/09/2017 -- ANNUAL REPORT	View image in PDF format
08/25/2016 -- AMENDED ANNUAL REPORT	View image in PDF format
01/21/2016 -- ANNUAL REPORT	View image in PDF format
01/12/2015 -- ANNUAL REPORT	View image in PDF format
01/08/2014 -- ANNUAL REPORT	View image in PDF format
01/22/2013 -- ANNUAL REPORT	View image in PDF format
01/04/2012 -- ANNUAL REPORT	View image in PDF format
02/17/2011 -- ANNUAL REPORT	View image in PDF format
01/19/2010 -- ANNUAL REPORT	View image in PDF format
01/20/2009 -- ANNUAL REPORT	View image in PDF format
01/09/2008 -- ANNUAL REPORT	View image in PDF format
01/10/2007 -- ANNUAL REPORT	View image in PDF format
01/12/2006 -- ANNUAL REPORT	View image in PDF format
01/10/2005 -- ANNUAL REPORT	View image in PDF format
01/20/2004 -- ANNUAL REPORT	View image in PDF format
01/09/2003 -- ANNUAL REPORT	View image in PDF format
01/23/2002 -- ANNUAL REPORT	View image in PDF format
01/11/2001 -- ANNUAL REPORT	View image in PDF format
01/18/2000 -- ANNUAL REPORT	View image in PDF format

01/26/1999 -- ANNUAL REPORT	View image in PDF format
02/04/1998 -- ANNUAL REPORT	View image in PDF format
01/24/1997 -- ANNUAL REPORT	View image in PDF format
01/25/1996 -- ANNUAL REPORT	View image in PDF format
01/18/1995 -- ANNUAL REPORT	View image in PDF format

Florida Department of State, Division of Corporations

POLK COUNTY LOCAL BUSINESS TAX RECEIPT

ACCOUNT NO. 9582 **CLASS: B+** **EXPIRES: 09/30/2026**

OWNER NAME	LOCATION
LESTER DUNN JR - CERT REGISTER	3730 NEW TAMPA HWY LAKELAND

BUSINESS NAME AND MAILING ADDRESS

REGISTER CONSTRUCTION & ENGINEERING INC
REGISTER CONSTRUCTION & ENGINEERING INC

3730 NEW TAMPA HWY
LAKELAND, FL 338153332

CODE **ACTIVITY TYPE**
230150 **CONTRACTOR GENERAL**

PROFESSIONAL LICENSE (IF APPLICABLE)
DBPR-CGCA02772

OFFICE OF JOE G. TEDDER, CFC * TAX COLLECTOR	THIS POLK COUNTY LOCAL BUSINESS TAX RECEIPT MUST BE CONSPICUOUSLY DISPLAYED AT THE BUSINESS LOCATION

PAID - 3400991 07/07/2025 OPY **OLP 57.75** **REGISTER CONSTRUCTION & ENGINEERING INC**

TC301F 22

PART D – EXHIBITS

EXHIBIT I: BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we Register Construction & Engineering, Inc. (hereinafter called the Principal) and Western Surety Company (hereinafter called the Surety), a Corporation chartered and existing under the Laws of the State of South Dakota _____,and authorized to do business in the State of Florida, are held and firmly bound unto Polk County, a political subdivision of the State of Florida, in the full and just sum of Five Percent of Amount Bid dollars ($ 5% amt Bid) good and lawful money of the United States of America, to be paid upon demand of the County, to which payment will and truly be made, we bind ourselves, our heirs, executors, administrators, successors, and assigned jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted to the County, a Bid Submittal for the purpose of Bid 25-614, Construction of a New Inspection & Testing Building.

NOW THEREFORE, the conditions of this obligation are such if the Bid Submittal is accepted and recommended for award of a contract, the Principal shall, execute a satisfactory contract documents including an executed Public Construction Bond payable to County, in the amount of 100 percent (100%) of the total Contract Price, in form and with surety satisfactory to said County, then this obligation to be void, otherwise to be and remaining full force and virtue in law, and the surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements, immediately pay to the aforesaid County, upon demand, the amount of this Bond, in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

In the event the numerical expression is omitted or expressed as less than five percent (5%) of the total bid price, this figure shall be assumed to be erroneously stated and this bid bond shall be binding upon the Principal and Surety in the amount of five percent (5%) of the total bid price.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this 10th day of December 20 25 .

ATTEST:

Witness

Witness

PRINCIPAL: Register Construction & Engineering, Inc.

BY: _____ (SEAL)
Authorized Signature (Principal)

MIKE BUTLER
Printed Name

SECRETARY TREASURER
Title of Person Signing Above

ATTEST:

Witness Eileen Heard, Surety Witness

Witness
Margie Schulz, Surety Witness

SURETY: Western Surety Company
Printed Name

BY: _____ (SEAL)
Attorney in Fact
and Florida Licensed Resident Agent

Kevin Wojtowicz
Printed Name

Acrisure, LLC, 1000 Central Ave, #200,
St. Petersburg FL 33705
Business Address

NOTES:

1. Write in the dollar amount of the bond which must be at least five percent (5%) of the amount Bid included in the Submittal.

2. All bonds signed by an agent must be accompanied by a certified copy of such agent's authority to act.

Attorneys-in-fact who sign Bid Bonds or Contract Bonds must file with each bond a certified and effectively dated copy of their power of attorney.

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Don Bramlage, Laura D Mosholder, D A Belis, Brett M Rosenhaus, David R Hoover, Charles J Nielson, Charles D Nielson, Kevin R Wojtowicz, Individually

of Miami Lakes, FL, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 9th day of February, 2023.

WESTERN SURETY COMPANY

Paul T. Bruflat, Vice President

State of South Dakota
County of Minnehaha } ss

On this 9th day of February, 2023, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires

March 2, 2026

M. BENT
NOTARY PUBLIC
SOUTH DAKOTA

M. Bent, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 10 day of December 2025

WESTERN SURETY COMPANY

L. Nelson, Assistant Secretary

Form F4280-7-2012

Go to www.cnasurety.com > Owner / Obligee Services > Validate Bond Coverage, if you want to verify bond authenticity.

Authorizing By-Law

ADOPTED BY THE SHAREHOLDERS OF WESTERN SURETY COMPANY

This Power of Attorney is made and executed pursuant to and by authority of the following By-Law duly adopted by the shareholders of the Company.

Section 7. All bonds, policies, undertakings, Powers of Attorney, or other obligations of the corporation shall be executed in the corporate name of the Company by the President, Secretary, and Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or agents who shall have authority to issue bonds, policies, or undertakings in the name of the Company. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the corporation. The signature of any such officer and the corporate seal may be printed by facsimile.

EXHIBIT IV: NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of Florida)
SS
County of Polk)
Jack Wood, being first duly sworn, deposes and says that:

1. They are Jack Wood of Register Construction & Engineering, Inc. the Bidder that has submitted the attached Bid;
2. They are fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstance respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidders nor any of their officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion of communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid of any other Bidder, or to fix any overhead, profit or cost element of the Bid Price or the Bid Price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Polk County, a political subdivision of the State of Florida (County) or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signature: Jack Wood Title: Project Manager
STATE OF Florida
COUNTY OF Polk

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 10TH day of DECEMBER, 2025, by MIKE BUTLER (*name*) as SECRETARY/TREASURER (*title of officer*) of REGISTER CONSTRUCTION (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____
Printed Name of Notary Public: MIKE BUTLER
Notary Commission Number and Expiration: _____
(AFFIX NOTARY SEAL)

Notary Public State of Florida
Robert Michael Butler
My Commission HH 616836
Expires 11/25/2028

EXHIBIT VI: AFFIDAVIT OF PERCENTAGE OF WORK

By signing below, the bidder:

- Is certifying that they will be performing, with their own organization, the percentage of work required under the Supplemental Conditions of the contract documents for Bid # 25-614
- Understands that during Bid Analysis they will be required to submit a spreadsheet (Exhibit VI-A) listing the complete breakdown of the bid price submitted by area of work. The list must include the division of work being performed, the name of the contractor performing that area of work, the WMBE classification of the contractor, the dollar amount of the work, and the percentage of the total bid price for each division of work. An updated copy will be required at contract close-out, detailing exact dollar figures paid to each subcontractor performing work under this contract.
- Acknowledges that no changes to sub-contractors used will be allowed after submittal unless otherwise approved by the Procurement Director. Any prime contractor that defaults on this requirement may be suspended as allowed within the Procurement Procedures.
- If the percentage of work proposed to be completed by the prime is not equal to, or more than, the amount required, the bid will be considered to be non-responsive.

Bidder must sign and have notarized:

The undersigned Bidder hereby certifies that they fully understand the provisions as stated above and will comply.

Dated this 10 day of December, 2025

Name of Firm Register Construction & Engineering, Inc.

By Jack Wood Jack Wood

Project Manager

Title of Person Signing

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 10TH day of DECEMBER, 2025, by MIKE BUTLER (*name*) as SECRETARY/TREASURER (*title of officer*) of REGISTER CONSTRUCTION (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: MIKE BUTLER

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

Notary Public State of Florida
Robert Michael Butler
My Commission HH 616538
Expires 11/25/2028

EXHIBIT IX: DRUG-FREE WORKPLACE FORM

The undersigned Bidder in accordance with Florida Statute 287.087 hereby certifies that REGISTER CONSTRUCTION & ENGINEERING INC does:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs; and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (a).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 1892 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Bidders Signature

MIKE BUTLER, Secretary Treasurer

Date 4/30/2026

EXHIBIT VI: AFFIDAVIT OF PERCENTAGE OF WORK

By signing below, the bidder:

- Is certifying that they will be performing, with their own organization, the percentage of work required under the Supplemental Conditions of the contract documents for Bid # 25-614
- Understands that during Bid Analysis they will be required to submit a spreadsheet (Exhibit VI-A) listing the complete breakdown of the bid price submitted by area of work. The list must include the division of work being performed, the name of the contractor performing that area of work, the WMBE classification of the contractor, the dollar amount of the work, and the percentage of the total bid price for each division of work. An updated copy will be required at contract close-out, detailing exact dollar figures paid to each subcontractor performing work under this contract.
- Acknowledges that no changes to sub-contractors used will be allowed after submittal unless otherwise approved by the Procurement Director. Any prime contractor that defaults on this requirement may be suspended as allowed within the Procurement Procedures.
- If the percentage of work proposed to be completed by the prime is not equal to, or more than, the amount required, the bid will be considered to be non-responsive.

Bidder must sign and have notarized:

The undersigned Bidder hereby certifies that they fully understand the provisions as stated above and will comply.

Dated this 30th day of April, 2026

Name of Firm Register Construction & Engineering, Inc

By _____

Secretary Treasurer

Title of Person Signing

The foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 30th day of April, 2026, by Mike Ritter (*name*) as Secretary Treasurer (*title of officer*) of Register Construction & Engineering, Inc (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Angela Register

Printed Name of Notary Public: Angela D. Register

Notary Commission Number and Expiration: HH602030 10/9/2028

(AFFIX NOTARY SEAL)

ANGELA D. REGISTER
Notary Public
State of Florida
Comm# HH602030
Expires 10/9/2028

EXHIBIT VII: TRENCH SAFETY ACT COMPLIANCE

General:

1. The Contractor shall comply with the Florida Trench Safety Act (90-96), Laws of FL.) Effective October 1, 1990.

2. The Contractor(s) performing trench safety excavation on this Contract shall comply with the Occupational Safety and Health Administration's (OSHA) trench excavation safety standards, 29 CFR's 1926.650, Subpart P, including all subsequent revisions or updates to these standards as adopted by the Department of Labor and Employment Security (DLES).

3. By submission of his bid and subsequent execution of this Contract, the Contractor certifies that all trench excavation done within his control shall be accomplished in strict adherence with OSHA trench safety standards contacted 29 CFR's 1926.650, Subpart P, including all subsequent revisions or updates to these standards as adopted by the Department of Labor and Employment Security.

4. The Contractor also agrees that he has obtained or will obtain identical certification from his proposed Subcontractors that will perform trench excavation prior to award of the subcontracts and that he will retain such certifications in his files for a period of not less than three years following final acceptance.

5. The Contractor shall consider all available geotechnical information in his design of the trench excavation safety system.

6. Inspections may be conducted by the County and the County's Safety Officer. Serious deficiencies will be corrected on the spot or the job may be closed. Imminent danger citing will result in the immediate cessation of work. Work will resume when the danger is corrected.

7. Bidder acknowledges that included in the various items of the proposal and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96), Laws of FL) effective October 1, 1990. The bidder further identifies the costs to be summarized as follows:

Trench Safety Measure (Description)	Units of Measure (LF, SY)	Unit (QTY)	Unit Cost	Extended Cost
A. N/A			$ 0.00	$ 0.00
B. N/A			$0.00	$ 0.00
C. N/A			0.00	$ 0.00
D. N/A			0.00	$ 0.00
			Total	$ 0.00

Failure to complete the above may result in the bid being declared non-responsive.

EXHIBIT VIII: EQUAL EMPLOYMENT OPPORTUNITY

Polk County, a political subdivision of the State of Florida (County), is an Equal Opportunity/Affirmative Action Employer.

Pursuant to Executive Order 11246 as amended, you are advised that under the provisions of government contracting, contractors and subcontractors are obliged to take affirmative action to provide equal employment opportunity without regard to race, creed, color, national origin, age or sex.

We are committed to equal opportunity employment effort and expect firms that do business with the County to have a vigorous affirmative action program.

CERTIFICATION BY PROPOSED PRIME OR SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY

This certification is authorized pursuant to Executive Order 11246, Part II, Section 203(b), (30 F.R. 12319-15). Any Bidder or prospective contractor, or any of the proposed subcontractors, shall state as an initial part of the Bid or negotiations of the Contract whether it has participated in any previous Contract or subcontract to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicated that the prime or subcontractor has not filed a compliance report due under applicable instruction, such Contractor shall be required to submit a compliance report.

Contractor's Name: **REGISTER CONSTRUCTION & ENGINEERING INC**

Address: **3730 NEW TAMPA HWY LAKELAND, FL 33815**

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1. Bidder has participated in a previous contract or subcontract, subject to the Equal Opportunity Clause:
   YES XXXX__ NO
2. Compliance Reports were required to be filed in connection with such Contract or subcontract:
   YES XXX NO
3. Bidder has filed all compliance reports due under applicable instructions:
   YES XXX_ NO_____
4. If answer to Item 3 is No, please explain in detail on reverse side of this certification.
   YES_____ NO

The Bidder certifies that they do not maintain or provide for their employees any segregated facilities at any of their establishments, and that they do not permit their employees to perform their services at any location under their control where segregated facilities are maintained. The Bidder certifies further that they will not maintain or provide for their employees any segregated facilities at any of their establishments, and that they will not permit their employees to perform their services at any location under their control where segregated facilities are maintained. The Bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this Bid. As used in this certification, the term (segregated facilities" means any waiting rooms, work areas, restrooms, washrooms, restaurants, other eating areas, time clocks, locker rooms, storage areas, dressing areas, parking lots, drinking fountains, recreation/entertainment areas, transportation and housing facilities provided for employees which are segregate by explicit directive or are, in fact, segregated on the basis of race, color, religion or national origin, because of habit, local custom or otherwise. The Bidder agrees that (except where they have obtained identical certification from proposed subcontractors for specific time periods) they will obtain identical certification from proposed Subcontractors prior to the award of subcontracts exceeding $10,000 which are not exempt from the provision of the Equal Opportunity clause; and that they will retain such certifications in their files.

Certification – The information above is true and complete to the best of my knowledge and belief. (A willfully false statement is punishable by law – U.S. Code, Title 18, Section 1001.)

MIKE BUTLER

Printed Name

SECRETARY TREASURER

Title

Signature

4/30/2026

Date

EXHIBIT X: SAFETY REQUIREMENTS/REGULATIONS FORM

Bidder must sign and have notarized:

The undersigned Bidder hereby certifies that they fully understand the safety requirements/regulation provisions as stated in General Conditions 7.11 and will comply.

Dated this 30th Day of APRIL 2026

Name of Firm: REGISTER CONSTRUCTION & ENGINEERING INC

By: MIKE BUTLER, Secretary Treasurer
Title of Person Signing

This foregoing instrument was acknowledged before me by means of ☑ physical presence or ☐ online notarization, this 30th day of April, 2026, by MIKE BUTLER (*name*) as SEC/TREASURER (*title of officer*) of REGISTER CONSTRUCTION & ENGINEERING INC (*entity name*), on behalf of the company, who ☑ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: Angela Register

Printed Name of Notary Public: Angela D. Register

Notary Commission Number and Expiration: HH602030 10/9/2028

(AFFIX NOTARY SEAL)

ANGELA D. REGISTER
Notary Public
State of Florida
Comm# HH602030
Expires 10/9/2028

EXHIBIT XIX: CERTIFICATION IMMIGRATION LAWS

Bid 25-614, Construction of New Inspection and Testing Building

POLK COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONTRACTOR WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 A(E) {SECTION 274A(E) OF THE IMMIGRATION AND NATIONALITY ACT ("INA")}.

POLK COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONTRACTOR OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(E) OF THE INA. SUCH VIOLATION OF THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN 274A(E) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY POLK COUNTY.

BIDDER ATTEST THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: Register Construction & Engineering Inc

Signature: _____

Title: SECRETARY TREASURER

Date: 4-20-2026

State of: FLORIDA

County of: POLK

The foregoing instrument was acknowledged before me by means of ✓ physical presence or __ online notarization, this 20th day of April, 2026 by MIKE REGISTER (name) as SECRETARY TREASURER (title of officer) of REGISTER CONSTRUCTION & ENGINEERING INC (entity name), on behalf of the company, who ✓ is personally known to me or __ has produced _____ as identification.

Notary Public Signature: Angela D Register

Printed Name of Notary Public: Angela D Register

Notary Commission Number and Expiration: HH602030 10/9/2028

(AFFIX NOTARY SEAL)

ANGELA D. REGISTER
Notary Public
State of Florida
Comm# HH602030
Expires 10/9/2028

EXHIBIT XXI: SCRUTINIZED COMPANIES CERTIFICATION FORM
Florida Statutes, Section 287.135)

SOLICITATION NO.: Bid: 25-614

PROJECT NAME: Construction of a New Inspection & Testing Building

The undersigned, as Secretary Treasurer of RegisterConstruction&EngineeringInc(the "Contractor"), a Florida corporation, hereby certifies the following to Polk County, a political subdivision of the State of Florida, by and on behalf of the Contractor in accordance with the requirements of Section 287.135, Florida Statutes:

i. The Contractor is not on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, nor is the Contractor engaged in a boycott of Israel, nor was the Contractor on such List or engaged in such a boycott at the time it submitted its bid to the County with respect to the Contract.

ii. Additionally, if the value of the goods or services acquired under the Contract are greater than or equal to One Million Dollars ($1,000,000), then the Contractor further certifies to the County as follows:
   a. the Contractor is not on the Scrutinized Companies with Activities in Sudan List, created pursuant to Section 215.473, Florida Statutes; and
   b. the Contractor is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; and
   c. the Contractor is not engaged in business operations (as that term is defined in Florida Statutes, Section 287.135) in Cuba or Syria; and
   d. the Contractor was not on any of the Lists referenced in this subsection (ii), nor engaged in business operations in Cuba or Syria when it submitted its bid to the County with respect to the Contract.

iii. The Contractor is fully aware of the penalties that may be imposed upon the Contractor for submitting a false certification to the County regarding the foregoing matters.

iv. The Contractor hereby acknowledges that, in addition to any other termination rights stated in the Contract, the County may immediately terminate the Contract upon the occurrence of any of the following events:
   a. the Contractor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection (i) above, or the Contractor is found to have been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel; or
   b. the Contractor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection (ii) above, or the Contractor is found to have been placed on the Scrutinized Companies with Activities in Sudan List, or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria, and the value of the goods or services acquired under this Contract are greater than or equal to One Million Dollars ($1,000,000).

ATTEST:

By: Angela Register

PRINTED NAME: Angela D Register

Its: VP Business Development

REGISTER CONSTRUCTION & ENGINEERING, INC.

a FLORIDA CORPORATION

By:

PRINTED NAME: MIKE BUTLER

Its: SECRETARY TREASURER

EXHIBIT XXII EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY) CERTIFICATION
(Florida Statutes, Section 448.095)

PROJECT NAME: Construction of New Inspection & Testing Building

The undersigned, as an authorized officer of the contractor identified below (the "Contractor"), having full knowledge of the statements contained herein, hereby certifies to Polk County, a political subdivision of the State of Florida (the "County"), by and on behalf of the Contractor in accordance with the requirements of Section 448.095, Florida Statutes, as related to the contract entered into by and between the Contractor and the County on or about the date hereof, whereby the Contractor will provide labor, supplies, or services to the County in exchange for salary, wages, or other remuneration (the "Contract"), as follows:

1. Unless otherwise defined herein, terms used in this Certification which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.

2. Pursuant to Section 448.095(5), Florida Statutes, the Contractor, and any subcontractor under the Contract, must register with and use the E-Verify system to verify the work authorization status of all new employees of the Contractor or subcontractor. The Contractor acknowledges and agrees that (i) the County and the Contractor may not enter into the Contract, and the Contractor may not enter into any subcontracts thereunder, unless each party to the Contract, and each party to any subcontracts thereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security's E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of the Contract, and the County may treat a failure to comply as a material breach of the Contract.

3. By entering into the Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the Contract. Failure to comply will lead to termination of the Contract, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If the Contract is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If the Contract is terminated for a violation of Section 448.095, Fla. Stat., by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination. The Contractor shall be liable for any additional costs incurred by the County as a result of the termination of the Contract. Nothing in this Certification shall be construed to allow intentional discrimination of any class protected by law.

Executed this 30TH day of April, 2026

ATTEST:

By: Angela D Register

PRINTED NAME: Angela D. Register

Its: VP Business Development

CONTRACTOR: REGISTER CONSTRUCTION & ENGINEERING INC

By:

PRINTED NAME: MIKE BUTLER

Its: SECRETARY TREASURER

Exhibit XXIII Affidavit Regarding the Use of Coercion for Labor or Services

In compliance with Section 787.06(13), Florida Statutes, this attestation must be completed by an officer or representative of a nongovernmental entity that is executing, renewing, or extending a contract with Polk County, a political subdivision of the State of Florida.

The undersigned, on behalf of the entity listed below (the "Nongovernmental Entity"), hereby attests under penalty of perjury as follows:

1. I am over the age of 18 and I have personal knowledge of the matters set forth herein.

2. I currently serve as an officer or representative of the Nongovernmental Entity.

3. The Nongovernmental Entity does **not** use coercion for labor or services, as those underlined terms are defined in Section 787.06, Florida Statutes.

4. This declaration is made pursuant to Section 92.525, Fla. Stat. and Section 787.06, Fla. Stat. I understand that making a false statement in this declaration may subject me to criminal penalties.

Under penalties of perjury, I MIKE BUTLER, SECRETARY TREASURER (Signatory Name and Title), declare that I have read the foregoing Affidavit Regarding the Use of Coercion for Labor and Services and that the facts stated in it are true.

Further Affiant sayeth naught.

Register Construction & Engineering, Inc.
NONGOVERNMENTAL ENTITY

SIGNATURE

MIKE BUTLER
PRINT NAME

SECRETARY TREASURER
TITLE

4/30/2026
DATE

EXHIBIT VI-B: GOOD FAITH EFFORT DOCUMENTATION

The following is provided for the bidder to use in conjunction with the Good Faith Effort requirement in Section 20.0 of the Invitation for Bid. For your convenience to supplement your own subcontractor/supplier database, we direct you to https://vcl.polk.one/vendordirectory, for additional names. Please list the company's names and the result of your contact for each subcontractor solicited. Suppliers can be listed in the blank spaces at the bottom of the page.

	Division of Work	Results of Good Faith Effort
1.	ALL DIVISIONS SUBMITTED TO PLANHUB TO SOLICIT BIDS ONLINE	
2.	DOOR HARDWARE MILLS + NEBRASKA JIMMY BRAWARD	POTENTIAL SUB
3.	C+C PAINTING JUAN SALAZAR	POTENTIAL SUB
	J GAYTAN PAINTING JOSE GAYTAN	INCOMPLETE SCOPE OF WORK
4.	MARK MASTERS SIGNS BRIDGITTE KRAMER	POTENTIAL SUB
5.	EJ MECHANICAL OMAR WALKER	INCOMPLETE SCOPE OF WORK

POLK COUNTY,
A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

BIDDING, CONTRACT DOCUMENTS AND SPECIFICATIONS FOR:

CONSTRUCTION OF A NEW INSPECTION AND TESTING BUILDING

BID FILE NO: # 25-614
County Project #: 5400241

ISSUE DATE: October 17, 2025

PROCUREMENT DIVISION

330 W CHURCH ST, RM 150

DRAWER AS05, P.O. BOX 9005

BARTOW, FLORIDA 33830/33831-9005

Website: www.polk-county.net

Procurement Analyst: Tabatha Shirah, CPP

E-Mail: tabathashirah@polk-county.net

Main Number: (863) 534-6757

Fax: (863) 534-6789

BID REGISTRATION

You MUST register using this form in order to receive notice of any addenda to these documents. Please fax the completed form to the Procurement Division as soon as possible. It is the vendor's responsibility to verify if addenda have been issued.

Bid Number and Title: 25-614, Construction of a New Inspection & Testing Building

Description: Construct and install a new inspection and testing building for the Roads & Drainage Division at 3000 Sheffield Road, Winter Haven Florida 33880 in accordance with bid documents.

Receiving Period: Wednesday, November 19, 2025, Prior to 2:00 p.m.

Bid Opening: Wednesday, November 19, 2025, 2:00 p.m.

Special Instructions: A **MANDATORY** pre-bid will be held Tuesday, October 28, 2025, 1:30 p.m. in the Roads & Drainage Building, located at 3000 Sheffield Road, Winter Haven Florida 33880. **A MANDATORY site visit will immediately follow.** An authorized representative or agent of the Bidder must be present at this meeting, as evidenced by their signature on the meeting's sign-in sheet, or the Bidder's Submittal will be considered non-responsive.

To obtain a copy of the specifications and drawings please go the following FTP site: https://ftp3.polk-county.net, you will be prompted for a User ID and Password. The User ID is *procurevendor* and the password is *solicitation.* After you have logged in to the FTP site, double click on the file folder "**Bid 25-614, Bid Attachments**, select "Open" or "Save As" to download the Bid documents, drawings, and technical specifications. If you need assistance accessing this website due to ADA or any other reason, please email Tabatha Shirah at tabathashirah@polk-county.net

This form is for bid registration only. Please scroll down for additional information.

BIDDER REGISTRATION
EMAIL THIS FORM BACK IMMEDIATELY TO
PROCUREMENT@POLK-COUNTY.NET

Carefully complete this form and mail or fax it to the Procurement Division. You must submit one form for each bid that you are registering for.

Company Name: _____

Contact Person: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Phone #: _____ E-Mail: _____

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PART A – BIDDING REQUIREMENTS

INVITATION FOR BID

NAME OF BID: Construction of a New Inspection & Testing Building
BID NUMBER: 25-614 **PUBLIC CONSTRUCTION BOND IS REQUIRED**
PRE-BID CONFERENCE: A **MANDATORY** pre-bid will be held Tuesday, October 28, 2025, 1:30 p.m. in the Roads & Drainage Building, located at 3000 Sheffield Road, Winter Haven Florida 33880. **A MANDATORY site visit will immediately follow.**
BID DUE/DATE/TIME: Wednesday, November 19, 2025, PRIOR TO 2:00P.M.
DATE/TIME OF BID OPENING: Wednesday, November 19, 2025, AT 2:00 P.M. Or As Soon As Possible Thereafter
PLACE OF BID OPENING: PROCUREMENT DIVISION, 330 WEST CHURCH STREET, ROOM 150, BARTOW, FLORIDA 33830
DEADLINE FOR QUESTIONS FROM BIDDERS: Wednesday, November 5, 2025 by 4:00 P.M.

INSTRUCTION TO BIDDERS

1.0 Bids

1.1 Supplementary Conditions, Special Conditions, Plans, Drawings, Instructions to Bidders, the Conditions of the Contract, Exhibits, the Bid Submittal, Technical Specifications, any resulting addenda issued, and the Contract together therein identified constitute the entire “bid package” and upon award shall constitute the Contract Documents concerning this present bid matter.

1.2 The Bid Submittal must be submitted in a sealed envelope. The face of the envelope should state the Bid Title and Bid Number, the name of the company submitting the bid and the date and time of the bid opening. Bidders are not required to return the Instructions to Bidders, Conditions of the Contract or Contract with their Bid Submittal, unless specified elsewhere in this Bid Package.

1.3 The following documents, collectively, comprise the “Bid Submittal” which, when tendered, on or before the Bid due date and time, must include:

- Part C – Bid Sheets and Acknowledgement Form,
    - With the manual signature of an authorized representative of the company or their designee,

    - Bid prices must be entered on the Part C – Bid Sheets and Acknowledgement Form (no other bid submittals will be accepted),
    - All information requested on pages 82-83.
- Exhibit I, Bid Bond.
- Exhibit IV, Non-Collusion Affidavit of Prime Bidder.
- Exhibit VI, Affidavit of Percentage of Work (this requirement does not include Exhibit VIA and Exhibit VIB).
- All additional information requested as a “must” item in any Addendum.
- All corrections made by the Bidder to the Bid Sheets and Acknowledgement Form should be acknowledged by written initials of the authorized representative signing the Bid Submittal or their designee. Should a price correction not be acknowledged, lowest price will prevail.
- One original copy of the complete Bid Submittal must be tendered.

1.4 All additional requested information and Exhibits must be submitted within a reasonable period of time if chosen as the apparent low, responsive and responsible bidder during the Bid Analysis phase.

- These items include:
    - Exhibit II, Public Construction Bond
    - Exhibit III, Payment of Stored Materials
    - Exhibit V, Non-Collusion Affidavit of Subcontractor
    - Exhibit VI-A, Subcontractor List
    - Exhibit VI-B, Good Faith Effort Documentation
    - Exhibit VII, Trench Safety Act Compliance
    - Exhibit VIII, Equal Employment Opportunity
    - Exhibit IX, Drug-Free Work Place Form
    - Exhibit X, Safety Requirements/Regulations
    - Exhibit XVIII, Certificate of Compliance
    - Exhibit XIX, Affidavit Certification Immigration Laws
    - Exhibit XXI, Scrutinized Companies Certification
    - Exhibit XXII, Employment Eligibility Verification (E-Verify) Certification
    - Exhibit XXIII, Affidavit Regarding the Use of Coercion for Labor or Services
    - Any items called for in the Supplementary Conditions

1.5 All prices quoted are to be F.O.B. job site in Polk County, Florida. Bid amount shall be inclusive of all costs. Nothing herein shall prohibit the County from deleting line items and purchasing said items directly from a supplier if it is determined that there is sufficient sales tax savings to make purchasing by the County practical.

1.6 It is the Bidder’s responsibility to ensure their bid is delivered at the proper time and place of the bid opening. Bids which for any reason are not so

delivered will not be considered. Offers by telegram, telephone, email or facsimile are not acceptable. The bid opening shall be public, on the date and time specified under Invitation for Bid. Bid tabulations may be downloaded from the County's web site. Each Bidder must execute their bid with their full name, and title and give their address, fax, telephone and email address. In cases where a firm or corporation submits a bid submittal, the bid submittal shall be signed with the full name of each member of the firm, or the name of the officer of the corporation authorized by its by-laws, in addition to the address of such firm or corporation and such officer.

1.7 The Bidder is solely responsible for reading and completely understanding the requirements of the Contract Documents. The bid opening time will be scrupulously observed. Under no circumstances will Bid Submittals delivered after the delivery time specified be considered. Late Bid Submittals shall not be accepted.

1.8 Bid Submittals may be withdrawn by notifying the County, in writing, at any time prior to the deadline for bid submittal. After the deadline, the bids become a record of the County and will not be returned to the Bidder unless the bid is cancelled. It is the responsibility of the Bidder to make a written request for return of the Bid Submittal after notification of cancellation. Absent this written request, the County shall destroy the submittal. Negligence on the part of the Bidder in preparing their Bid Submittal confers no right of withdrawal or modification of their Bid Submittal after such Bid Submittal has been opened by County Staff at the appointed time and place. Bid Submittals and any bid security shall be in force for a period of not less than ninety (90) calendar days after the bid opening time.

1.9 At the time and place specified for the opening of Bid Submittals (see above), every Bid Submittal properly delivered within the time specified for receiving Bid Submittals will be opened and publicly read aloud, irrespective of any irregularities found therein. Bidders and other persons interested may be present or represented.

1.10 Attorneys-in-fact who sign bonds or other surety instruments must attach with each bond or surety instrument an effective and certified power of attorney.

1.11 The Bidder assumes responsibility to examine the site of the Work and become familiar with the form of Submittal, Drawings, Specifications, any Addenda issued thereto and all other forms of Contractual Documents pertaining to the proposed Work. The submission of the bid shall be sufficient to establish the presumption that the Bidder has investigated the site of the Work and is satisfied as to all conditions to be encountered, the character, quantity and quality of the work to be performed and materials furnished in the completion thereof. No pleas of ignorance of conditions or

difficulties that may be encountered in the execution of the Work pursuant to this bid package as a result of failure to make necessary and reasonable examinations and investigations will be accepted as an excuse for any failure or omission on the part of the successful Bidder to fulfill, in every detail, all of the requirements of the Contract Documents; nor will they be accepted as a basis for any claims whatsoever for extra compensation or for any extension of time. Prior to the time specified for receiving bid submittals any interpretation or modifications of the proposed Contract documents will be made only by Addendum. The County will send a courtesy notification when addenda are issued to each person to whom attended a mandatory or non-mandatory pre-bid meeting, if applicable; and/or submitted Bidder Registration. It is the sole responsibility of the Bidders to check the County's website at https://www.polk-county.net/business/procurement/ "Notice of Bids" to ensure that all available information, addenda, has been received prior to submitting a bid. The County shall not be responsible for oral instructions.

1.12 The Bid Bond shall be for 5% of the amount bid and shall be submitted with the Bid Submittal. The Public Construction Bond shall be for 100% of the amount bid and, if called out in the contract, the allowance amount; and shall be submitted to Procurement along with the executed contract documents as outlined under section 11.0, Approval of Contract. The Bid Bond and Public Construction Bond shall be executed by a surety authorized to do business in the State of Florida and as named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff, Bureau of Government Financial Operations, U.S. Treasury Department and A.M. Best rated A VIII or better. All bonds signed by an agent must be accompanied by a certified copy of authority to act and indicate that they are licensed to do business in the State of Florida.

1.13 Unless exempt under Florida Statute, Bidder should furnish a copy of either their State of Florida Contractor Certification or their Florida Registration showing they are licensed in Polk County with its Bid Submittal. The Certification or Registration must be current and effective as of the Bid Submittal date and must be maintained throughout the life of the contract.

2.0 Pre-Qualifications

2.1 When a mandatory pre-bid meeting is specified, all Bidders must register prior to the conclusion of the meeting. Failure to do so will disqualify the firm from bidding. If there is a mandatory site visit, the Bidder must initial the registration sheet prior to completion of the visit to the site. An authorized representative or agent of the Bidder must be present at this meeting, as evidenced by their signature on the meeting's registration sheet, or the Bidder's Submittal will be considered non-responsive.

2.2 It is the Bidder's responsibility to ensure that they comply with the above requirements.

3.0 Joint Venture

If a Joint Venture is contemplated, the Joint Venture Agreement between the parties must be submitted with the bid and the bid must be submitted in the name of the Joint Venture. Otherwise, the bid will be considered non-responsive.

4.0 Bid Errors

Where Bid Submittals have erasures or corrections, each erasure or correction should be acknowledged by written initials of the authorized representative signing the Bid Submittal or their designee. The County reserves the right to reject any Bid Submittal with such erasures or corrections where the accuracy or intent of said Bid Submittal as corrected cannot be determined by County staff. In the case of unit price contracts, if an error is committed in the extension of an item, the unit price as shown in the Bid Submittal will govern. The County staff will verify the extension of the unit prices to verify the correct amount. The County's figures shall prevail.

5.0 No Bid

Should the bidder decide there is no interest in bidding, they should return the "Statement of No Bid".

6.0 Discounts

Discounts shall not be considered in determining the lowest net cost for bid evaluation purposes.

7.0 Material and Construction

All material, equipment and construction furnished shall be new and shall be of good quality, workmanship and material. If silent in specifications, then the most acceptable industry-standard product shall be furnished and installed.

8.0 Conflict of Interest

The award hereunder is subject to the provisions of Florida Statutes, Chapter 112. All Bidders must disclose with their bid the name of any officer, director or agent who is also an employee of the County or any of their agencies. All Bidders must disclose the name of any County employee who owns, directly or indirectly, any interest of any amount in the Bidder's firm or any of their branches.

9.0 Assignment of Contract

Bidder may not make any assignment of the resulting Contract between parties, in whole or in part, without prior written authorization as may be given at the sole discretion of the County.

10.0 Recommendation of Bid Award/Rejection of Bids

10.1 A bid may be recommended for award by the Procurement Director to the lowest responsive and responsible Bidder, provided that Bidder's bid submittal is considered (within the sole discretion of said Procurement Director) reasonable, in the best interest of County to recommend, and no bid protest has been filed. Unless otherwise noted, the basis of recommendation will either be the Base Bid, the Base Bid plus all alternates or any combination thereof, whichever is in the best interest of the County or may be determined by the availability of funds. Should the basis of award be the Base Bid plus selected alternates, the priority of the selection of those alternates will be set forth in the Supplementary Conditions if applicable. The successful Bidder to whom a bid is recommended for award will be so notified by County staff. The Procurement Director, however, at their sole discretion, reserves the right to reject any and all bid submittals or to waive any informality concerning the bid submittal whenever such rejection or waiver is in the best interest of the County. The Procurement Director, likewise, reserves the right to reject the bid submittal of any Bidder who has previously failed to perform properly or to complete on time, contracts of a similar nature; or who is not in a position to perform the contract; or who has habitually and without just cause neglected the payment of bills or otherwise disregarded its obligations to subcontractors, materialmen or employees.

10.2 As part of the recommendation of award by the Procurement Director, any actual bidder or proposed bidder who is allegedly aggrieved in connection with the solicitation or pending recommendation of award of a contract may protest to the Procurement Director, in accordance with the Procurement Policies and Procedures Manual. The procedures are available at the Polk County Procurement Division at (863) 534-6757. Any person who wishes to file a protest regarding the recommendation of award may do so by submitting a non-refundable cashier's check in the amount of $1,000.00 with their initial protest. Failure to follow the bid protest procedure requirements with the time frames prescribed herein as established by Polk County, Florida, shall constitute a waiver of your protest and any resulting claims. If no protests are received, the Procurement Director will work with the Procurement Analyst assigned to this bid to coordinate that the contract documents are executed by the recommended Bidder and placed on a Board agenda for approval by the Board and execution by the Chairman of the Board.

11.0 Approval of Contract

The recommended Bidder will be required to execute the contract documents as outlined in the bid package including, the Public Construction Bond, all signed exhibits and other required information stated in the supplemental conditions or any addendums. The executed documents should be returned to Procurement within 10 working days of

the documents being sent by Procurement to the Bidder for execution. After the executed documents are received back by Procurement they will be given to the County Attorney's Office for approval to be added to a Board agenda for Board approval and execution by the Chairman of the Board.

All contracts are subject to final approval of the Polk County Board of County Commissioners. Persons or firms which incur expenses or change position in anticipation of a contract prior to the Board's approval do so at their own risk.

12.0 Security Forfeiture

If after Bidder's receipt of a notice of recommendation for award the successful Bidder refuses or otherwise neglects to execute and deliver the required Contract documents, including the Public Construction Bond, all signed exhibits, required insurance documents and other required information stated in the supplemental conditions or addendums within a reasonable time, the amount of the Bidder's bid security (Bid Bond) shall be forfeited and the recommendation of award will be cancelled if such action is deemed to be in the best interests of the County. The Procurement Director will make the determination of "a reasonable time". It is recommended that the executed contract documents be returned to Procurement within 10 working days of the documents being sent by Procurement to the recommended Bidder for execution. No plea of mistake in the bid or misunderstanding of the conditions of forfeiture shall be available to the Bidder for the recovery of their bid security or as a defense to any action based upon the neglect or refusal to execute the required agreement or furnish the required bonds and insurance certification.

13.0 Laws, Codes and Regulations

The Bidder shall familiarize itself and comply with all Federal, State, County and City laws, codes, ordinances or regulations controlling the action or operation of those engaged in the Work, or affecting materials or methods used, and govern itself in accordance with them. If the Bidder observes that there are conflicts between the Drawings and Specifications or between any other documents, they shall promptly notify the County in writing prior to the Bid Receiving Date. Failure of the Bidder to notify the County of these variances shall not provide relief for compliance to the document as may be interpreted by the County. The Bidder shall hold harmless, to the fullest extent permitted by Florida Law, the County and all of its officers, agents or servants against any claims or liability arising from, or based upon the violations of any such laws, by-laws, ordinances, regulations, orders or decrees, whether by itself or their employees.

14.0 Safety Requirements/Regulations

14.1 All Bidders are required to submit with their Bid Submittal or prior to award, Exhibit X, Safety Requirements/Regulations which states that if the firm falls under the Occupational Health and Safety Administration (OSHA)

Regulations, as interpreted by OSHA, the successful contractor will be able to provide, at the request of the County, a copy of their OSHA 300 Log for the past three (3) years, a copy of the Workers Compensation Modification Rate; a copy of the Contractor's Safety and Health Program, and a copy of the Contractor's Drug Free Workplace Program. Any questions regarding the compliance with this provision shall be directed to Polk County Safety and Loss Control Coordinator, Risk Management Division, (863) 534-5267.

14.2 The Bidder is hereby notified that if awarded the bid and it involves work such as maintenance, repair, turnaround, renovation, construction or engineering on chlorine disinfection facilities or other covered process(es) must be able to provide, at the request of the County, the following items for review: OSHA 300 Log for past five (5) years, current safety program, training program and experience with other related processes. Documented evidence showing compliance with confined space entry, lockout/tagout, emergency response and safe work is required. All contract workers must comply with the facility's safe work practices and controls outlined in the facility safety manual and operating procedures.

14.3 The Bidder is hereby notified that if awarded the bid they shall be responsible for maintenance of traffic within the limits of the project for the duration of the construction period, including any temporary suspensions of the Work. The Contractor shall construct and maintain detours and provide facilities for access to residences, businesses, etc., along the project. The contractor shall furnish, install and maintain traffic control and safety devices during construction, furnish and install work zone pavement markings for maintenance of traffic in construction areas, and provide any other special requirements for safe and expeditious movement of traffic specified on the plans. Maintenance of Traffic includes all facilities, devices and operations as required for safety and convenience of the public within the work zone. Refer to Florida Department of Transportation's (FDOT) latest edition of the Standard Specifications for Road and Bridge Construction and the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) for the minimum national standard for traffic control for highway construction, maintenance, and utility operation.

15.0 Liquidated Damages

Bidders are hereby advised that if the Contract documents so indicate, a reasonable amount for liquidated damages may be assessed for Contractor's failure to meet stated specifications, schedule, or other relevant issues as determined by the County. Information regarding the composition of liquidated damages can be found in the Supplementary Conditions. The liquidated damages are not intended as a penalty.

16.0 Standard Basis for Bidding

Where a particular system, product or material is specified by name, it shall be considered as a standard basis for bidding and as the most satisfactory for its particular purpose. Where two or more products, materials or manufacturers are specified by name, each shall be considered as a predetermined equal and acceptable for its particular purpose; and the bidder may use any of the listed items within their bid.

17.0 Preconstruction Conference

After the Board has approved the Bidder's executed contract and prior to the start of construction, a joint meeting may be held with representatives of the successful Bidder, the County and other invited parties or government agencies which may be affected by or have jurisdiction over the Work.

18.0 Florida Public Entity Crime Statute

The Contractor declares and warrants that neither the Contractor nor any of the Contractor's affiliates, as that term is defined in Section 287.133, Florida Statutes, are subject to the restrictions in Section 287.133, Florida Statutes, regarding the commission of a public entity crime. If during the term of this Agreement, the Contractor or any affiliate is convicted of a public entity crime or is otherwise prohibited from performing work for or transacting business with the County pursuant to Section 287.133, Florida Statutes, then the Contractor shall be in material default of this Agreement, and in such case, the County shall have the rights and remedies as provided herein.

19.0 Preference for Drug-Free Workplace

Whenever two or more bids which are equal with respect to price, quality and service are received; preference shall be given to a bid received from a business that certifies that it has implemented a drug-free workplace program in accordance with Florida Statutes, Section 287.087. If there are two or more bids that are equal and also certifies as a drug free workplace, then the tie bid shall be broken as per the Polk County Procurement Procedures.

20.0 Requirement to list Subcontractors

The successful Contractor shall provide a list of all proposed subcontractors, other persons or entities (including those who are to furnish materials or equipment fabricated to a special design), the associated costs, and company classification on Exhibit VI-A, Subcontractor List, upon request by Procurement Staff. Exhibit VI-A may be requested during the bid analysis and again at the project close-out. The list must contain all subcontracted areas of work including those areas of work being self-performed. The total of work noted on this list must match the bid amount stated on Part C, Bid Submittal.

In addition, the successful Contractor should provide documentation reflecting their "Good Faith Effort" in securing the services of minority owned businesses for any appropriate subcontracted areas of work. This documentation shall be noted on Exhibit VI-B, Good Faith Effort, and shall be provided upon request by Procurement Staff.

21.0 Women/Minority Business Enterprise Outreach (WMBE's)

The County hereby notifies all Bidders that W/MBE's are to be afforded a full opportunity to participate in any bid by the County and will not be subject to discrimination on the basis of race, color, sex or national origin. The County asks that Bidders make good faith efforts to use qualified W/MBE subcontractors in preparing their bid. The W/MBE's must be identified as such on the subcontractors list. Bidders are encouraged to contact the Supplier Diversity Office, at (863) 534-5959 for assistance. If a Bidder makes a good faith effort to find and utilize qualified W/MBE subcontractors, but is not successful, they have fulfilled the Good Faith Effort required. Good Faith Effort shall be described as the effort put forth by bidders on construction bids to solicit prices from women/ minority contractors.

22.0 Equal Opportunity for Contractors and Subcontractors

Pursuant to U.S. Executive Order 11246, as amended, you are advised that under the provisions of government contracting, and in accordance with the Executive Order, contractors and subcontractors are obliged to take affirmative action to provide equal opportunity without regard to race, creed, color, national origin, age or sex.

23.0 Additions/Revision/Deletions

Additions, revisions or deletions to the general conditions, specifications or bid price sheets by a Bidder that change the intent of the bid will cause the bid to be non-responsive and the bid will not be considered. The Procurement Director shall be the sole judge as to whether or not any addition, revision, or deletion changes the intent of the bid.

24.0 Unit Prices

Unless otherwise stated in this document unit prices will be utilized to adjust the total compensation due the successful Bidder based on actual quantities provided as part of the Work and verified by the County. Significant changes in quantities, including deletion of any particular item are possible. Negotiation of unit prices shall not be allowed except under conditions of Force Majeure, where those conditions are sufficiently documented to the full satisfaction of the County. No other claim to negotiate unit prices will be considered.

25.0 Code of Ethics

If any bidder violates or is a party to a violation of the code of ethics of the County or the State of Florida, with respect to this bid, such bidder may be disqualified from performing the work described in this bid or from furnishing the goods or services for which the bid is submitted and shall be further disqualified from bidding on any future bids for work, goods, or services for the County.

26.0 Questions

All questions must be submitted in writing and addressed to the appropriate person in the Procurement Division by the specified date and time as listed on page IB-1. The bid cover sheet provides the name of the Procurement Division contact person, as well as their phone number, fax number and e-mail address.

27.0 Bid Protest

Procedures for filing a protest may be obtained from the County's Procurement Division. Failure to follow the bid protest procedure requirements within the time frames prescribed herein as established by the County shall constitute a waiver of the Bidder's right to protest and any resulting claims.

28.0 Prohibition Against Considering Vendor Interests

In accordance with Section 287.05701, Florida Statutes, the County may not (i) request documentation of or consider a Vendor's social, political, or ideological interests when determining if the Vendor is a responsible vendor; or (ii) give preference to a Vendor based on the Vendor's social, political, or ideological interests.

29.0 Local Preference

It is the policy of the Board of County Commissioners to afford local preference to Polk County entities in the award of bids. Preference shall be administered in accordance with the following:

When bids are received that do not exceed $3,000,000.00, and the lowest price is offered by an entity located outside of Polk County, and the next lowest price is offered by an entity located in Polk County, and is within 2% of the lowest price offered, then the Polk County entity shall be given the opportunity to match the lowest price offered, and if agreement to match the lowest price is reached, the Polk County entity will be awarded the bid if the Polk County entity is otherwise fully qualified and meets all county requirements.

When bids are received that are greater than $3,000,000.00 but do not exceed $5,000,000.00, and the lowest price is offered by an entity located outside of Polk County, and the next lowest price is offered by an entity located in Polk County, and is within 1% of the lowest price offered, then the Polk County entity shall be given the

opportunity to match the lowest price offered, and if agreement to match the lowest-price is reached, the Polk County entity will be awarded the bid if the Polk County entity is otherwise fully qualified and meets all county requirements.

When bids are received that are greater than $5,000,000.00, and the lowest price is offered by an entity located outside of Polk County, and the next lowest price is offered by an entity located in Polk County, and is within .5% of the lowest price offered, then the Polk County entity shall be given the opportunity to match the lowest price offered, and if agreement to match the lowest price is reached, the Polk County entity will be awarded the bid if the Polk County entity is otherwise fully qualified and meets all county requirements.

For purposes of this provision the term "Polk County entity" means any business having a physical location within the boundaries of Polk County, Florida, at which employees are located and business activity is managed and controlled on a day to day basis. Additionally, the business must have been located within the boundaries of Polk County for a minimum of 12 months prior to the date the applicable solicitation is issued. This requirement may be evidenced through a recorded deed, an executed lease agreement, or other form of written documentation acceptable to the County. The County shall have the right, but not the obligation, to verify the foregoing requirements.

If a contract is being funded in whole or in part by assistance of any federal, state or local agency which disallows local preference, the County will adhere to those requirements by not applying this section.

This policy does not apply if this bid qualifies as a Sheltered Market bid.

30.0 Vendor Preference

It is the policy of the Board of County Commissioners to afford vendor preference to women or minority owned entities in the award of bids. Preference shall be administered in accordance with the following:

When sealed bids are received that do not exceed $3,000,000.00, and the lowest price is offered by a non-women or minority owned entity located outside of Polk County, and a price is offered by a women or minority owned entity that is within 2% of the lowest price offered, then the women or minority owned entity shall be given the opportunity to match the lowest price offered, and if agreement to match the lowest price is reached, the women or minority owned entity will be awarded the bid if the women or minority owned entity is otherwise fully qualified and meets all County requirements.

When sealed bids are received that are greater than $3,000,000.00 but do not exceed $5,000,000.00, and the lowest price is offered by a non-women or minority owned entity located outside of Polk County, and a price is offered by a women or minority owned entity that is within 1% of the lowest price offered, then the women or minority owned

entity shall be given the opportunity to match the lowest price offered, and if agreement to match lowest price is reached, the women or minority owned entity will be awarded the bid if the women or minority owned entity is otherwise fully qualified and meets all County requirements.

When sealed bids are received that are greater than $5,000,000.00, and the lowest price is offered by a non-women or minority owned entity located outside of Polk County, and a price is offered by a women or minority owned entity that is within .5% of the lowest price offered, then the women or minority owned entity shall be given the opportunity to match the lowest price offered, and if agreement to match lowest price is reached, the women or minority owned entity will be awarded the bid if the women or minority owned entity is otherwise fully qualified and meets all County requirements.

The term “Women or Minority Owned Entity” means any business having at least 51% ownership by women or minority group members who independently control the management and day-to-day operations of the firm. Group members are Females, African Americans, Hispanic Americans, Asian-Pacific Americans, Native Americans, and Asian-Indian Americans.

If a contract is being funded in whole or in part by assistance of any deferral, state or local agency which disallows this form of preference, the County will adhere to those requirements by not applying this section.

This policy in no way supersedes the Local Preference Policy.

This policy does not apply if this bid qualifies as a Sheltered Market bid.

Bid Submittal instructions

Respondents must submit one (1) original copy of the bid submittal prior to 2:00 p.m. on the bid receiving date. Bids must be submitted in a "sealed" parcel or electronically through Polk County's secure website, Kiteworks. Bids will be publicly opened at 2:00 p.m. on receiving date.

Sealed Parcel Submittal:

If you are submitting a sealed parcel bid, please cut along the outer border and affix this label to your sealed bid envelope to identify it as a "Sealed Bid". Be sure to include the name of the company submitting the bid where requested.

Sealed Bid. DO NOT OPEN	
Sealed Bid Number	25-614
Bid Title	Construction of a New Inspection & Testing Building
Due Date/Time:	November 19, 2025, prior to 2:00 pm
Submitted by:	
Deliver To:	Polk County Procurement Division 330 West Church Street, Room 150, Bartow, Florida 33830

Sealed parcel bids may be mailed, express mailed or hand delivered. It is the Bidders responsibility to ensure their package is delivered to the Procurement Division prior to 2:00 p.m. on the Receiving date and time referenced above. Bids delivered at 2:00 p.m. or later will not be accepted.

Electronic Bid Submittal:

If you are interested in submitting your bid electronically bidders may do so via the County's secure electronic submittal website, Kiteworks. Bidders must email tabathashirah@polk-county.net at least 48 hours prior to bid opening to receive a link to upload their submittal. Please only upload your documents as a PDF or Excel file for bid sheets (if applicable). Please use the naming conventions for your files as follows:

For PDF documents "Bid 25-614 – Title of Document"

For more instructions, a video tutorial has been produced to further explain the electronic solicitation submittal process. It can be found by clicking here for Bid

Submittals: https://youtu.be/vkn_7AHgioE. If you need assistance accessing this website due to ADA or any other reason, please email Tabatha Shirah at tabathashirah@polk-county.net.

Procurement recommends that bidders submitting electronically double check the documents submitted into Kiteworks to ensure all requested information and bid sheet have been uploaded. Failure to upload the completed bid sheet will result in the bid submittal being deemed nonresponsive.

PART B – CONDITIONS OF CONTRACT

GENERAL CONDITIONS

ARTICLE 1 – CONTRACT DOCUMENTS

1.0 The Contract Documents comprise the entire contract between the County and the Contractor.

ARTICLE 2 – DEFINITIONS

2.0 Whenever used in any of the Contract Documents, the following meaning shall be given to the terms herein

2.1 The term **"Addendum"** or **"Addenda"** means any changes, revisions or clarifications of the Contract Documents which have been duly issued by the County to prospective Bidders prior to the time of receiving Bids.

2.2 The term **"Allowance Authorization Release"** means the written pre-approval forms signed by the County Manager or their designee for all allowance work.

2.3 The term **"Allowance Work"** means work that may not have been in the specifications and is deemed by the County to be necessary.

2.4 The term **"Application for Payment"** means the pay request accepted by the Professional and the County which is to be used by the Contractor in requesting progress or final payments that is accompanied by such supporting documentation as is required by the Contract Documents.

2.5 The term **"Bid Submittal"** means the offer or submittal of the Bidder submitted on the prescribed form setting forth the price(s) for the Work to be performed.

2.6 The term **"Bonds"** means the Bid and Public Construction Bond and other instruments of security furnished by the Contractor and its Surety in accordance with the Contract Documents.

2.7 The term **"Change Order"** means any change that requires the County's approval and either includes a change in the work or a change in the Contract Time.

2.8 The term **"Construction Change Directive"** means any change initiated by the County where a change order has not been agreed to between the County and the Contractor.

2.9 The term **"Contract"** means the Contract executed by the County and the Contractor.

2.10 The term **"Contractor"** means the person, firm or corporation entering into the Contract with the County to construct and install the improvements embraced in this Contract.

2.11 The term **"Contractor Certification of Disbursement of Previous Progress Payments to Subcontractors and Suppliers"** means the form that the Contractor must execute and submit with each Application for Payment certifying that the Contractor has paid all Subcontractors and Suppliers their respective pro rata share of all previous payments (to include payments of retainage) that the County has made to Contractor for Work that has been satisfactorily completed.

2.12 The term **"Contract Documents"** means and shall include the following: Special Conditions, Plans, Drawings, Relocation Schedule Permits, Instruction to Bidders, General Conditions, Exhibits, Supplementary Conditions, Technical Reports, Technical Specifications, Bid Submittal, Bid and Public Construction Bonds, all Addenda issued by the County, Certificates of Insurance, Permits, Notice of Award, Allowance Authorization Release Form, Change Order Form, Substantial Completion Form and Final Completion Form duly delivered after execution of Contract.

2.13 The term **"Contract Time"**, unless otherwise provided, means the period of time including adjustments by Change Order, allotted in the Contract Documents for substantial completion of the work.

2.14 The term **"County"** means Polk County, a political subdivision of the State of Florida, and its authorized designees, agents or employees.

2.15 The term **"Day"** may be either a working day or a calendar day as defined in the bid documents. When the Contract Time is specified as calendar days, workdays will be established in the supplementary conditions. Workdays are defined as those days of the week and hours of the day that the Contractor may perform the scope of work defined in the Bid Document. If a workday day shall fall on a County Holiday that day shall be omitted from the computation of days for Contract Time. County Holidays are: New Year's Day, Martin Luther King Day, Memorial Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving day, the Friday following Thanksgiving Day, Christmas Eve and Christmas Day, all as adopted by the Board of County Commissioners.

2.16 The term **"Drawings"** means the Drawings or plans listed in Part F.

2.17 The term **"Effective Date of the Contract"** means the date on which the contract has been approved by the Board and executed by the Chairman of the Board.

2.18 The term **"Field Order"** means a written direction to the Contractor from the Professional that modifies Drawings and Specifications without changing Contract Price or Contract Time.

2.19 The term **"Free on Board"** (FOB) means the cost of the goods including the shipment to the job site.

2.20 The term **"Good Faith Efforts"** means documented efforts to secure the participation of women and/or minority-owned subcontractors utilizing available resources to assist Bidder.

2.21 The term **"Lump Sum"** means that portion of the total contract amount that is fixed as a result of the amount of the bid submitted by the Contractor. If there is no "Allowance for Work" this amount is the total Contract amount. If there is an "Allowance for Work" then the bid price and the amount of the "Allowance for Work" becomes the total Contract amount.

2.22 The term **"Not to Exceed"** means that portion of the total Contract amount described as "Allowance for Work" that along with the amount of the bid submitted by the Contractor becomes the total Contract amount. Changes in the Work submitted by the Contractor that are eligible and approved for funding from the "Allowance for Work" shall not exceed the amount provided a "Allowance for Work" either in a single request or cumulative during the performance of the Work.

2.23 The term **"Notice of Award"** means the written notice issued by the County to the successful bidder.

2.24 The term **"Notice to Proceed"** means a written notice issued by the Procurement Division to the Contractor fixing the date on which the Contract Time will commence and the Contractor shall start to perform the obligations under the Contract Documents, unless otherwise specified in the Notice to Proceed. The actual Start Date shall be within ten (10) days of Notice to Proceed date or when all applicable permits have been secured, unless otherwise stated.

2.25 The term **"Professional"** means the architectural/engineering firm or individual retained by the County or in-house designated person designated to perform the design and/or resident engineering services for the Work. The Professional can also serve as the Project Manager.

2.26 The term **"Project Area"** means the area within which are the specified Contract Limits of the improvements contemplated to be constructed in whole or in part under this Contract.

2.27 The term **"Project Manager"** means the Polk County representative in charge, employed by the County, for the purpose of directing or being in charge of the work embraced in this Contract.

2.28 The term **"Procurement Director"** means the Director of Polk County Procurement Division or their authorized representatives.

2.29 The term **"Start Date"** means the date of commencement of the work.

2.30 The term **"Subcontractor"** means a person or entity who has a direct contract with the Contractor to perform a portion of the Work, to include a person or entity who provides equipment to support completion of the Work under an equipment-rental agreement.

2.31 The term **"Supplier"** means a person or entity that furnishes materials or equipment that is incorporated into the Work or that is stockpiled within the Project Area or a nearby vicinity for which the County has made partial payment.

2.32 The term **"Technical Reports"** means the reports issued by the County or the Project Manager consisting of written technical material such as soil reports.

2.33 The term **"Work"** means the entire completed construction or the various separately identifiable parts thereof required to be furnished under the Contract Documents. Work includes and is the result of performing or furnishing labor; furnishing and incorporating material and equipment in the construction; performing or furnishing services; and furnishing documents, all as required by the Contract Documents.

ARTICLE 3 – PRELIMINARY MATTERS

3.1 Delivery of Bonds

3.1.1 When the **Contractor** delivers the executed Contract to the **County**, the **Contractor** shall also deliver to the **County** such Bonds and insurance as may be required in accordance with these Contract Documents.

3.2 Copies of Documents

3.2.1 After the award of the Contract, the **County** shall furnish the **Contractor**, one set of Contract Documents for execution of the work.

3.3 Commencement of Contract Time; Notice to Proceed

3.3.1 The Contract Time shall commence as established in the Notice to Proceed. A Notice to Proceed may be given at any time after the execution of the Contract by the Chairman of the Board of County Commissioners and after a pre-construction meeting, if applicable.

3.4 Starting the Work

3.4.1 The **Contractor** shall begin the Work on the start date established. No work shall be done prior to the date on which the Contract Time commences. Any work performed by the **Contractor** prior to the date on which Contract Time commences shall be at the sole risk of the **Contractor**.

3.5 Before Starting Construction

3.5.1 Before undertaking each part of the Work, the **Contractor** shall carefully study and compare the Contract Documents; check and verify pertinent figures shown thereon and all applicable field measurements. The **Contractor** shall promptly report, in writing, to the **Professional** and the **County** any conflict, error, ambiguity or discrepancy which the **Contractor** may discover and shall obtain a written interpretation or clarification

from the **Professional** before proceeding with any Work affected thereby. The **Contractor** shall be liable to the **County** for failure to report any conflict, error, ambiguity or discrepancy in the Contract Documents, if the **Contractor** knew or reasonably should have known thereof.

3.5.2 Prior to the Notice to Proceed (unless otherwise specified in the General Requirements), the **Contractor** shall submit to the **Professional** and the County for review and ultimate approval the following:

3.5.2.1. a preliminary schedule of the required shop drawings and submittals which will list each required submittal and the times for submitting, reviewing and processing such submittal.

3.5.2.2 a preliminary schedule of values for all of the Work which will include quantities and prices of items aggregating the Contract Price. The schedule of values should subdivide the Work into component parts in sufficient detail to serve as the basis for progress payments during construction with sufficient breakdown of lump sum prices to identify items of work. Such amounts will include an appropriate amount of overhead and profit applicable to each item of work. A copy of the schedule of values, with the appropriate bid number and the appropriate W/MBE classification in accordance with Section 16.1.2. shall be sent to the Procurement Division, 330 West Church Street, Bartow, Florida 33830.

3.5.2.3. A construction schedule acceptable to the **Professional** and the **County** that clearly shows in graphic form the Work from start to finish describing in sufficient detail the minor and major tasks that in the course of their completion or the failure thereof will impact the Contractor's ability to complete the Work within the contract time. This schedule shall be updated and accompany every application for payment submitted. Should the updated schedule show any portion of the Work to be behind, the Contractor shall submit with the updated schedule a detailed plan for recovery. This updated construction schedule shall be reviewed and approved by the **Professional** or the **County** at the time of a construction progress meeting that coincides with the submission of the progress application for payment. Failure to submit this recovery plan with the updated schedule will cause the application for payment to be rejected until such time the recovery plan is submitted.

3.5.3 Prior to the effective date of the Contract, the **Contractor** shall deliver to the **County**, with copies to each additional insured identified in the Supplementary Conditions, an original certificate of insurance (and other evidence of insurance which the **County** may reasonably request) which the **Contractor** is required to purchase and maintain in accordance with Article 6.

3.5.4 Before any Work at the site is started, a conference attended by the **Contractor, Project Manager, Procurement Representative, Professional** and others as

appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in 3.5.2, procedures for handling shop drawings and other submittals, processing applications for payment and maintaining required records. Unless otherwise provided in the Contract Documents, the schedules submitted in accordance with 3.5.2. the **Contractor** shall have an additional ten (10) calendar days to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to the **Contractor** until the schedules are submitted to and deemed acceptable by the **Professional** as providing an orderly progression of the Work to completion within any specified Milestones and the Contract Time; but such acceptance will neither impose on the **Professional** responsibility for the sequencing, scheduling or progress of the Work nor interfere with or relieve the **Contractor** from the **Contractor's** full responsibility. The **Contractor's** schedule of shop drawings and submittals will be acceptable to the **Professional** as providing a workable arrangement for reviewing and processing the required Submittals. The **Contractor's** schedule of values shall be approved by the **Professional** and the **County** as to form and substance.

3.5.5 The **Contractor**, in addition to preparing an initially acceptable schedule, shall be responsible for maintaining the schedule, including updating the schedule. Schedule updates shall include progression of work as compared to scheduled progress of work. **SCHEDULE UPDATES MUST ACCOMPANY EACH PAY REQUEST**.

ARTICLE 4 – CONTRACT DOCUMENTS, GOVERNING LAW AND VENUE, INTENT, DISCREPANCIES, AMENDING AND REUSE

4.1 Precedence

4.1.1 The Contract Documents comprise the entire agreement between the **County** and the **Contractor** concerning the Work. The Contract Documents are complementary; what is called for by one is as binding as if called for by all. The Contract Documents will be construed in accordance with the Laws of the State of Florida; Venue shall be Polk County.

4.1.2 It is the intent of the Contract Documents to describe a functionally complete Project (or part thereof) to be constructed in accordance with the Contract Documents. Any work, material or equipment that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result will be furnished and performed whether or not specifically called for. When words or phrases which have a well-known technical or construction industry or trade meaning are used to describe the Work, material or equipment, such words or phrases shall be interpreted in accordance with that meaning. Clarifications and interpretations of the drawings and specifications shall be issued by the **Professional**.

4.1.3 Except as otherwise specifically stated in the Contract Documents or as may be provided by amendment or supplement thereto issued by one of the methods indicated

in 4.3.1 or 4.3.2, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity or discrepancy between the provisions of the Contract Documents and the provisions of any such standard, specification, manual, code or instruction (whether or not specifically incorporated by reference in the Contract Documents) and the provisions of any such Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

4.1.4 Reference to standards, specifications, manuals or codes of any technical society, organization or associations, or to the Laws or Regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard, version, specification, manual, code or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.

4.2 Conflicts

4.2.1 If, during the performance of the Work, the **Contractor** discovers any conflict, error, ambiguity or discrepancy within the Contract Documents or between the Contract Documents and any provision of any such Law or Regulation applicable to the performance of the Work or of any such standard, specification, manual or code or of any instruction of any Supplier referred to in 7.2, the **Contractor** shall report it to the **Professional and Project Manager** in writing at once; and the **Contractor** shall not proceed with the Work affected thereby (except in an emergency as authorized by 7.13) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in 4.3.1 or 4.3.2; however, the **Contractor** shall not be liable to the **County** for failure to report any such conflict, error, ambiguity or discrepancy unless the **Contractor** knew or reasonably should have known.

4.2.2 No provision of any such standard, specification, manual, code or instruction shall be effective to change the duties and responsibilities of the **County, Contractor** or **Professional**, or any of their subcontractors, consultants, agents or employees from those set forth in the Contract Documents, nor shall it be effective to assign to the **County, Professional** or any of the **Professional's** consultants, agents or employees any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of 10.7.1 or any other provision of the Contract Documents.

4.3 Amending

4.3.1 The Contract Documents may be amended to provide for additions, deletions and revisions to the Work by a Change Order or an Allowance Authorization.

4.3.2 In addition, the requirements of the Contract Documents may be supplemented and **minor** variations and deviations in the Work may be authorized by a Field Order or the **Professional's** written interpretation or clarification.

4.4 Reuse of Documents

4.4.1 The **Contractor**, any Subcontractor, Supplier or other person or organization performing or furnishing any of the Work under a direct or indirect contract with the **County** shall not have or acquire any title to or ownership rights in any of the Drawings, Specifications or other documents (or copies of any thereof) prepared by or bearing the seal of the **Professional** or the **Professional's** consultant; and shall not reuse any of such Drawings, Specifications, other documents or copies on extensions of the Project or any other project without written consent of the **County** and specific written verification or adaption by the **Professional.**

ARTICLE 5 – PROJECT CONDITIONS

5.1 Availability of Lands

5.1.1 The **County** shall furnish, as indicated in the Contract Documents, the lands upon which the Work is to be performed, rights-of-way and easements for access thereto, and such other lands which are designated for the use of the **Contractor.** Upon reasonable written request, the **County** shall furnish the **Contractor** with a correct statement of record legal title and legal description of the lands upon which the Work is to be performed. The **County** shall identify any encumbrances or restrictions not of general application, but specifically related to use of lands so furnished with which the **Contractor** will have to comply in performing the Work. Necessary easements or rights-of-way will be obtained and expenses will be borne by the **County**. If the **Contractor** and the **County** are unable to agree on entitlement to or the amount or extent of any adjustments in the Contract Price or the Contract Time as a result of any delay in the **County's** furnishing these lands, rights-of-way or easements, the **Contractor** may make a claim therefore as provided in Articles 12 and 13. The **Contractor** shall provide for all additional lands and access, which includes access by **County** personnel thereto that may be required for temporary construction facilities or storage of material and equipment.

5.2 Subsurface and Physical Conditions

5.2.1 Reference is made to the Supplementary Conditions for identification of those reports of exploration and tests of subsurface conditions at or contiguous to the site that have been utilized in preparing the Contract Documents.

5.3 Limited Reliance by Contractor Authorized Technical Data

5.3.1 The **Contractor** may rely upon the general accuracy of the "technical data" contained in reports and drawings provided by the **County**. Such "technical data" is

identified in the Supplemental Conditions. Except for said reliance on such "technical data," the **Contractor** may not rely upon or make any claim against the **County**, **Professional** or any of the **Professional's** consultants with respect to:

5.3.1.1 the completeness of these reports and drawings for the **Contractor's** purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by the **Contractor** and safety precautions and programs incident thereto; or

5.3.1.2 other data, interpretations, opinions and information contained in said reports or shown or indicated in said drawings; or

5.3.1.3 any **Contractor** interpretation of or conclusion drawn from any "technical data" or any such data, interpretations, opinions or information.

5.4 Unknown or Concealed Conditions

5.4.1 If conditions are encountered, excluding existing utilities, at the site which are (1) subsurface or otherwise concealed physical conditions which differ materially from those indicated in the Contract Documents or (2) unknown physical conditions of an unusual nature, which differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents, then the **Contractor** shall give the **County** notice, through the **Professional,** immediately before conditions are disturbed and in no event no later than 24 hours after first observance of the conditions.

5.4.2 The **Project Manager** and the **Professional** shall promptly investigate such conditions and, if they differ materially and cause an increase or decrease in the **Contractor's** cost of, or time required for, performance of any part of the Work, the **Project Manager** and the **Professional** shall recommend an equitable adjustment in the Contract Price or Contract Time, or both. If the **Project Manager** and the **Professional** determine that the conditions at the site are not materially different from those indicated in the Contract Documents or are not materially different from those ordinarily found and that no change in the terms of the Contract is justified, the **Professional** shall notify the **Contractor** of the determination in writing. The Work shall be performed after the **Professional** provides direction.

5.5 Physical Conditions – Underground Facilities

5.5.1 The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the site is based on information and data furnished to the **County** or the **Professional** by the owners of such Underground Facilities or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:

5.5.1.1 The **County** and the **Professional** shall not be responsible for the accuracy or completeness of any such information or data; and

5.5.1.2 The cost of the following will be included in the Contract Price and the **Contractor** shall have full responsibility for (i) reviewing and checking all such information and data; (ii) locating all Underground Facilities shown or indicated in the Contract Documents; (iii) coordination of the Work with the owners of such Underground Facilities during construction; and (iv) the safety and protection of all such Underground Facilities as provided in 7.11 and repairing any damage resulting from the Work.

5.5.2 If an Underground Facility is uncovered or revealed at or continuant to the site which was not shown or indicated in the Contract Documents, the **Contractor** shall, promptly after becoming aware of and before further disturbing conditions affected by or performing any Work in connection therewith (except in an emergency as required by 7.13), identify the owner of such Underground Facility and give written notice to that owner and to the **County** through the **Professional.** The **Project Manager** and the **Professional** will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the consequences of the existence of the Underground Facility. If the **Project Manager** concludes that a change in the Contract Documents is required, a Change Order will be issued as provided in Article 11 to reflect and document such consequences. During such time, the **Contractor** shall be responsible for the safety and protection of such Underground Facility as provided in 7.11. The **Contractor** shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, to the extent that they are attributable to the existence of any Underground Facility that was not shown or indicated in the Contract Documents and that the **Contractor** did not know of and could not reasonably have been expected to be aware of or to have anticipated. If the **County** and the **Contractor** are unable to agree on entitlement to or the amount or length of any such adjustment in Contract Price or Contract Time, the **Contractor** may make a claim therefore as provided in Articles 12 and 13. However, the **County** and the **Professional** shall not be liable to the **Contractor** for any claims, costs, losses or damages incurred or sustained by the **Contractor** on or in connection with any other project or anticipated project.

5.6 Reference Points

5.6.1 The **County** shall provide the **Contractor** surveys to establish reference points for construction, which in the **County's** judgment are necessary to enable the **Contractor** to proceed with the Work. The **Contractor** shall be responsible for laying out the Work; shall protect and preserve the established reference points; and shall make no changes or relocation without the prior written approval of the **County**. The **Contractor** shall report to the **Professional** whenever any reference point is lost or destroyed or requires relocation of such reference points by professionally qualified personnel.

5.7 Asbestos, PCBs, Petroleum, Hazardous Waste or Radioactive Material

5.7.1 The **County** shall be responsible for any Asbestos, PCBs, Petroleum, Hazardous Waste or Radioactive material or any hazardous material uncovered or revealed at the site which was not shown or indicated in drawings or specifications or identified in the Contract Documents to be within the scope of the Work and which may present a substantial danger to persons or property exposed thereto in connection with the Work at the site. The **County** shall not be responsible for any such material brought to the site by the **Contractor**, Subcontractor, Suppliers or anyone else for whom the **Contractor** is respon**sible.**

5.7.2 The **Contractor** shall immediately: (i) stop all work in connection with such hazardous condition and in any area affected thereby (except in an emergency as required by 7.13); and (ii) notify the **County** and the **Professional** (and thereafter confirm such notice in writing). The **County** shall promptly consult with the **Professional** concerning the necessity for the **County** to retain a qualified expert to evaluate such hazardous condition or take corrective action, if any. The **Contractor** shall not be required to resume Work in connection with such hazardous condition or in any such affected area until after the **County** has obtained any required permits related thereto and delivered to the **Contractor** special written notice (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of work; or (ii) specifying any special conditions under which such Work may be resumed safely.

If the **County** and the **Contractor** cannot agree as to entitlement to or the amount or extent of an adjustment, if any, in Contract Price or Contract Time as a result of such work stoppage or such special conditions under which Work is agreed by the **Contractor** to be resumed, either party may make a claim therefore as provided in Articles 12 and 13.

5.7.3 If, after receipt of such special written notice, the **Contractor** does not agree to resume such work based on a reasonable belief it is unsafe, or does not agree to resume such work under such special conditions, then the **Contractor** may order such portion of the work that is in connection with such hazardous conditions or in such affected area to be deleted from the Work. If the **County** and the **Contractor** cannot agree as to entitlement to or the amount or extent of an adjustment, if any, in Contract Price or Contract Time as a result of deleting such portion of the Work, then either party may make a claim therefore as provided in Articles 12 and 13. The **County** may have such deleted portion of the Work performed by the **County's** own forces or others in accordance with Article 8.

5.7.4 The provisions of 5.2 and 5.5 are not intended to apply to Asbestos, PCBs, Petroleum, Hazardous Waste or Radioactive Material uncovered or revealed at the site.

Article 6 - BONDS, INSURANCE, INDEMNIFICATION

6.1 Public Construction Bond and Other Bonds

6.1.1 The **Contractor** shall furnish a Public Construction Bond, unless otherwise stated in the Invitation for Bid, in an amount equal to the amount recommended for award and, if called out in the contract, the allowance amount, as security for the faithful performance and payment of all the **Contractor's** obligations under the Contract Documents. This Bond shall remain in effect at least until one year after the date when final payment becomes due, except as otherwise provided by Laws or Regulations or by the Contract Documents. The **Contractor** shall also furnish such other Bonds as are required by the Supplementary Conditions. All Bonds shall be in the form prescribed by the Contract Documents except as otherwise provided by Laws or Regulations, and shall be executed by such sureties as are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff, Bureau of Government Financial Operations, U.S. Treasury Department and A.M. Best rated AVIII or better.

6.1.2 The **Contractor** shall be required to furnish additional coverage for added work. The surety is required to increase the amount of the bond in the same amount of one or more change orders.

6.1.3 The bonds required by the Contract Documents to be purchased and maintained by the **Contractor** shall be obtained from a surety that is duly licensed or authorized in the State of Florida to issue bond for the limits and coverages so required. All bonds signed by an agent must be accompanied by a certify copy of authority to act. Such surety shall also meet such additional requirements and qualifications as may be provided in the Supplementary conditions.

6.1.4 If the surety on any bond furnished by the **Contractor** is declared bankrupt, becomes insolvent, its right to do business is terminated in any state or it ceases to meet the requirements of 6.1.1, the **Contractor** shall within ten (10) work days thereafter substitute another bond and surety, both of which must be acceptable to the **County.**

6.2 Certificates of Insurance

6.2.1 All insurance required by the Contract Documents to be purchased and maintained by the **Contractor** shall be obtained from an insurance company that is duly licensed or authorized in the State of Florida to issue insurance policies for the limits and coverages so required. Such insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

6.2.2 The **Contractor** shall deliver to the **County**, with copies to each additional insured identified in 6.3.1, certificates of insurance (and other evidence of insurance

requested by the **County** or any other additional insured) which the **Contractor** is required to purchase and maintain in accordance with 6.3.1.

6.3 Contractor's Liability Insurance

6.3.1 The **Contractor** shall purchase and maintain such liability and other insurance as is appropriate for the work being performed and furnished and will provide protection from claims set forth below which may arise out of or result from **Contractor's** performance and furnishing of the Work and the **Contractor's** other obligations under the Contract documents, whether it is to be performed or furnished by the **Contractor**, Subcontractor, Supplier or anyone for whose acts any of them may be liable. The **Contractor** shall purchase and maintain in force during the contract period with an insurer licensed to do business in the State of Florida; rated "A" or better by A.M. Best Rating Company for Class VIII financial size category, and acceptable to the **County** the following insurances. The limits of liability for the insurance shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations.

a. Workers' Compensation Insurance providing statutory benefits, including those that may be required by any applicable federal statute:

Admitted in Florida	Yes
Employer's Liability	$100,000
All States Endorsement	Statutory
USL & H Endorsement	Statutory
Voluntary Compensation	Statutory

b. Commercial General Liability Insurance, naming the **County** (Owner) as an additional insured and/or Owner Protective Liability, when required by the County's Risk Manager, Contractual, Products and Completed Operations Liability coverage on an occurrence policy form in limits not less than those listed and deductible amounts not to exceed $25,000.

Aggregate Combined:	$2,000,000
Each Occurrence:	$1,000,000
M&C/CGL	$_____
Broad Form CGL	$1,000,000
Contractual Liability	$1,000,000
Products	$_____

Completed Operations	$1,000,000
Personal Injury	$_____
Independent Contractors	$_____
XCU Property Damage Excel	$_____
Excess Liability	$_____

Regarding Completed Operations Liability: Continue coverage in force for two (2) years after **County's** acceptance of the project.

c. Automobile Liability Insurance. Coverage shall be maintained by the **Contractor** as to the ownership, maintenance and use of all of its owned, non-owned, leased or hired vehicles with limits of not less than:

Bodily Injury & Property Damage Liability	$1,000,000
Combined Single Limit Each Accident	

These policies will provide that:

1) The insurer(s) waive their rights of subrogation in favor of the **County**, their officials, employees, agents and consultants for Workers' Compensation and General Liability.

2) The **County**, a political subdivision of the State of Florida, shall be named as an additional insured with respect to liability arising from the work performed for the County by the Contractor (as defined by the scope of this bid and subsequent contract) for Automotive and General Liability policies of insurance. This should be stated on Certificate(s) of Insurance and subsequently endorsed into the policies. Renewal notices to be sent to the Procurement Division.

3) The **Contractor** shall not be given Notice to proceed under this contract until it has obtained all the insurance required by the Contract Documents and such insurance has been approved by the **County**. The original insurance certificates shall be given to:

Polk County, a political subdivision of the State of Florida

P.O. Box 9005, Drawer AS05

Bartow, Florida 33830

The acceptable form of the certificate of insurance shall be the industry standard ACORD certificate.

6.3.2 Notwithstanding any other provision of these documents to the contrary, the **Contractor** shall not provide Builder's Risk or Architects' and Engineers' Professional Liability Insurance unless specially requested by the **County.** The **County** has Builder's Risk coverage and will provide the **Contractor** with appropriate Certificate of Insurance upon request. The County's Builder's Risk policy does not insure the **Contractor's** tools, machinery or equipment that is stored at the job site. If the **Contractor** is required to store tools, machinery or equipment at the job site, the **Contractor** should provide insurance in the form of an equipment floater for the **Contractor's** tools and equipment. The **County** should be named as an additional insured on the **Contractor's** policy, with an appropriate waiver of subrogation as to any claims the **Contractor** or the **Contractor's** insurer may have against the **County** arising from the storage of the **Contractor's** tools and equipment.

6.3.3 The **Contractor** shall not allow a Subcontractor to work on a project without either Subcontractor carrying their own Workers' Compensation and Liability insurance or the **Contractor** covering the Subcontractor under their policies. The policy is the same for each succeeding sub-tier contractor. The **County** may request proof of such coverage for any Subcontractor at any time during the project.

6.3.4 Any additional insurance, if required, will be called out in the Supplementary Conditions.

6.4 Receipt and Application of Insurance Proceeds

6.4.1 Any insured loss under the policies of insurance required by this agreement will be adjusted with the **County** and made payable to the **County** as fiduciary for the insured as their interest may appear. The **County** shall account for all money received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged work shall be repaired or replaced; the money so received applied on account thereof; and the work and cost thereof covered by an appropriate change order or written amendment as determined by the **County.**

6.4.2 The **County** as fiduciary has the power to adjust and settle any loss with the insurers. If such objection is made, the **County** as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties and interests may reach. If no such agreement among the parties and interests is reached, the **County** as fiduciary shall adjust and settle the loss with the insurers.

6.5 Indemnification

6.5.1 The **Contractor** shall indemnify, defend (by counsel reasonably acceptable to County) and hold harmless the County and its employees and agents from and against

all liabilities, claims, suits, demands, damages, losses and expenses, including attorney fees, including, but not limited to or resulting from the performance of its Work, provided that any such liability, claim, suit, demand, damage, loss or expenses (a) is attributable to bodily injury, personal injury, sickness, disease or death or injury to or destruction of tangible property, including the loss of use resulting therefrom; and (b) is caused in whole or in part by an act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, whether or not it is caused in whole or in part by the negligence or other fault of a party indemnified hereunder.

6.5.2 In any and all claims against the **County** or any of its agents or employees by any employee of the **Contractor**, any Subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation under the previous paragraph shall not be limited in any way as to the amount or type of damages, compensations or benefits payable by or for the **Contractor** or any Subcontractor under workers' compensation acts, disability benefit acts or other employee benefit acts.

6.5.3 The **Contractor** shall indemnify and hold harmless the **County** and anyone directly or indirectly employed by it from and against all claims, suits, demands, damages, losses or expenses (including attorney fees) arising out of any infringement of patent or copyrights held by others; and shall defend all such claims in connection with any alleged infringement of such rights.

ARTICLE 7 – CONTRACTOR'S RESPONSIBILITIES

7.1 Supervision and Superintendence

7.1.1 The **Contractor** shall provide at all times when the Work is being executed a competent superintendent to supervise and direct the Work in accordance with the Contract Documents. Prior to the commencement of the Work the **Contractor** shall provide a resume of the superintendent that will be assigned the responsibility to supervise the Work. If in the judgment of the **County** the proposed superintendent lacks the experience, skills and expertise to competently and efficiently supervise and direct the Work, then the **County** may require the **Contractor** to assign a different superintendent and the **Contractor** will be required to submit the resume of the replacement for the same consideration as before. The **Contractor** shall be solely responsible for the means, methods, techniques, sequences and procedures of construction, but the **Contractor** shall not be responsible for the negligence of others in the design or specifications of a specific means, method, technique, sequence or procedure of construction which is shown or indicated in and expressly required by the Contract Documents. The **Contractor** shall be responsible to see that the completed Work complies accurately with the Contract Documents.

7.1.2 The **Contractor** shall keep on the Work at all times during its progress a competent resident superintendent, who shall not be replaced without written notice to

the **County**, through the **Professional**, except under extraordinary circumstances. The superintendent will be the **Contractor's** representative at the site and shall have authority to act on behalf of the **Contractor**. All communications to the superintendent shall be as binding as if given to the **Contractor**.

7.2 Labor, Material and Equipment

7.2.1 The **Contractor** shall provide and pay for competent, suitable, qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. The **Contractor** shall at all times maintain good discipline and order on the site.

7.2.2 The **Contractor** shall furnish and pay for all material, equipment, labor, transportation, construction equipment machinery, tools, appliances, fuel, power, light, heat, telephone, water facilities, sanitary facilities, all other facilities and all other incidentals whether temporary or permanent necessary for the execution, testing, initial operation, and completion of the Work as required by the Contract Documents.

7.2.3 All material and equipment shall be new and of good quality, except as otherwise provided in the Contract Documents. If required by the **Professional**, the **Contractor** shall furnish satisfactory evidence as to the kind and quality of material and equipment.

7.2.4 All material and equipment shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturer, fabricator or processor, except as otherwise provided in the Contract Documents.

7.3 Substitute Material or Equipment

7.3.1 If the **Contractor** wishes to furnish or use a proposed substitute after the award of the Contract, it shall within thirty (30) calendar days after Notice to Proceed make written application to the **Professional** and the **Project Manager** for consideration of such substitute, certifying in writing that the proposed substitute: will perform adequately the duties imposed by the general design; be similar and of equal substance or quality to that specified; and be suited to the same use and capable of performing the same function as that specified. No substitute shall be ordered or installed without the prior written approval of the **Professional**. The application shall also contain an itemized estimate of all costs that may result directly or indirectly from acceptance of such substitute, including costs of redesign, delays, maintenance and claims of other contractors affected by the resulting change, all of which shall be considered by the **Project Manager** and the **Professional** in evaluating the proposed substitute. Approval of any change in costs or schedule as a result of acceptance of the substitute by the Professional shall be by Change Order.

7.3.2 This paragraph applies to any cost reduction proposal (hereinafter referred to as a Value Engineering Change Proposal or VECP) initiated and developed by the **Contractor** for the purpose of refining the Contract Documents so as to contribute to design cost effectiveness or significantly improve the quality of the end result. VECPs must result in savings without impairing essential functions and characteristics such as safety, service, life, reliability, economy of operation, ease of maintenance, aesthetics and necessary standard design features. The **Contractor** must state that they are submitting a VECP proposal. The VECP shall be submitted to the **County** through the **Professional.** The **County** reserves the right to reject, at their discretion, any VECP submittal. As a minimum, the following information shall be submitted by the Contractor with each VECP:

1) A description of the difference between the existing contract requirement and the proposed change;
2) The comparative advantages and disadvantages; and
3) Separate detailed cost estimates for both the existing contract requirement and the proposed change.

If a VECP is approved by the **County**, the **Contractor** may be entitled to share in the savings up to fifty percent (50%).

7.4 Concerning Subcontractors

7.4.1 The **Contractor** shall be fully responsible for all acts and omissions of their Subcontractors and of persons directly or indirectly employed by them and of persons for whose acts any of them may be liable to the same extent as if they were employed by the **Contractor**. Nothing in the Contract Documents shall create any contractual relationship between any Subcontractor and the **County** or any obligation on the part of the **County** to pay or to see to the payment of any monies due any Subcontractor, except as may otherwise be required by law. The **County** may furnish to any Subcontractor, to the extent practical, evidence of amounts paid to the **Contractor** for specific Work done.

7.4.2 The **Contractor** shall identify and provide information on Subcontractors, Suppliers and other persons or organizations which shall be used by the **Contractor**, in accordance with requirements of the Contract Documents.

7.4.3 The divisions and sections of the Specifications and the identifications of any Drawings shall not control the **Contractor** in dividing work among Subcontractor or delineating the Work to be performed by any specific trade.

7.4.4 The **Contractor** agrees to bind specifically every Subcontractor to the applicable terms and conditions of the Contract Documents, including but not limited to the General Conditions and Supplementary Conditions, for the benefit of the **County**.

7.4.5 All Work performed for the **Contractor** by a Subcontractor shall be pursuant to an appropriate written agreement between the **Contractor** and the Subcontractor which shall contain provisions that waive all rights the contracting parties may have against one another for damages caused by fire or other perils covered by insurance, except such rights as they may have to the proceeds of such insurance held by the **County** as trustee. The **Contractor** shall pay each Subcontractor an appropriate amount, determined by the value of the Work, of any insurance monies received by the **Contractor** under this insurance.

7.5 Patent Fees and Royalties

7.5.1. The **Contractor** shall pay all license fees and royalties and assume all costs incident to the use of any invention, design, process or device which is the subject of patent rights or copyrights held by others. The **Contractor** shall indemnify and hold harmless the **County** and its employees and agents from and against all claims, costs, losses and damages arising out of or resulting from any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product or device not specified in the Contract Documents.

7.6 Permits

7.6.1 The **Contractor** shall obtain and pay for all construction permits, licenses, governmental charges, inspection fees and all public utility charges which are applicable and necessary for the execution of the Work. All permit costs and public utility charges shall not be included in the base bid. Permit fees, if any, will be reimbursed to the **Contractor** on a separate invoice. Permits, if any, that are provided and paid for by the **County**, are listed in the Supplementary Conditions. Any delays associated with the permitting process will be considered for time extensions only; however, no damages or additional compensation for delay will be allowed.

7.7 Laws and Regulations

7.7.1 The **Contractor** shall give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the **Contractor** observes that any of the Contract Documents are contradictory to such laws, rules and regulations, it will notify the Professional promptly in writing. Any necessary changes shall then be adjusted by an appropriate Change Order. If the **Contractor** performs any Work that they know or should have known to be contrary to such laws, ordinances, rules and regulations and without such notice to the Professional, the **Contractor** shall bear all related costs.

7.8 Taxes

7.8.1 The **Contractor** shall pay all sales, consumer, use and other similar taxes required to be paid by the **Contractor** in accordance with the Laws and Regulations of the place of the project which are applicable during the performance of the Work.

7.9 Use of Premises

7.9.1 The **Contractor** shall confine their equipment, storage of material, storage of equipment and the operations of their workers to the areas permitted by law, ordinances, permits or the requirements of the Contract Documents. The **Contractor** shall not unreasonably encumber the site with material and equipment. Any loss or damage to the **Contractor's** or any Subcontractor's equipment is solely at the risk of the **Contractor**.

7.9.2 During the progress of the Work, the **Contractor** shall keep the premises free from accumulations of waste material, rubbish and other debris or contaminates resulting from the Work. At the completion of the Work, the **Contractor** shall remove all waste material, rubbish and debris from and about the premises as well as all tools, appliances, construction equipment, machinery and surplus material. The **Contractor** shall leave the site clean and ready for occupancy by the **County** at substantial completion of the Work**.** The **Contractor** shall restore to original condition all property so designated for alteration by the Contract Documents.

7.9.3 The **Contractor** shall not load or permit any part of any structure to be loaded in any manner that will endanger the structure. The **Contractor** shall not subject any part of the Work or adjacent property to stresses or pressures that will endanger them.

7.10 Record Documents

7.10.1 The **Contractor** shall keep at the site and in good order one record copy of the Contract Documents to include all Drawings and Specifications. These documents shall be annotated on a continuing basis to show all changes made during the construction process. These shall be available to the **Professional** and the **Project Manager** for their review. Upon completion of the requirements of the Contract Documents the **Contractor** shall turn over these annotated documents to the **County** unless instructed otherwise in the Supplementary Conditions.

7.11 Safety and Protection

7.11.1 The **Contractor** shall take all necessary precautions for the safety of and will provide the necessary protection to prevent damage, injury or loss to:

7.11.1.2 All employees on the Work and other persons who may be affected by it.

7.11.1.3 All the Work and all material or equipment to be incorporated, whether in storage on or off the site. The **Contractor** shall assume all risk of loss for stored equipment or material, irrespective of whether the **Contractor** has transferred the title of the stored equipment or material to the **County**.

7.11.1.4 Other property at the site or adjacent to it, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

7.11.2 The **Contractor** is responsible for observing all OSHA regulations and shall self-inspect to ensure this is accomplished. The **Contractor** shall ensure that all personnel are properly trained and shall be able to provide documentation for their personnel that have attended training courses. Examples of such training courses are: Hazard Communications, Traffic Work Zone Safety, Personal Protective Equipment, First Aid/CPR, Permit Required Confined Space, Lock Out/Tag Out of Hazardous Energy. The **Contractor** is required to comply with OSHA Standards regardless of the number of employees they may have.

7.11.3 A **County** representative may periodically monitor work site safety. Should there be safety and/or health violations, classified as Serious, Willful or Criminal/Willful Violations, the **County's** representative may have the authority, but not the duty, to require the **Contractor** to correct the violation in an expeditious manner. Inspections shall be based on requirements contained in law. The definitions of serious, willful and criminal/willful violations are as follows:

Serious Violation: A serious violation shall be deemed to exist in a place of employment if there is a substantial probability that death or serious physical harm could result from a condition which exists; or from one or more practices, means, methods, operations or processes which have been adopted or are in use, in such place of employment unless the employer did not, and could not, with the exercise of reasonable diligence, know of the presence of the violation.

Willful Violation: May exist where evidence shows that the employer committed an intentional and knowing violation of the Act.

Criminal/Willful Violation: A repeat violation of a previously cited willful violation.

Violation of Serious, Willful or Criminal violation may have the following consequences:

First violation:	The correction may be a verbal warning and the correction shall be done the same day. Written documentation may be maintained by the **County**.
Second violation	May result in work stoppage until the violation is corrected. The work stoppage shall not entitle the **Contractor** to additional contract time or compensation. Liquidated damages provision will remain in full force and effect.

Third violation	This may constitute a breach of contract for safety violations and may result in termination of the contract, at the sole discretion of the **County**.

Note: The County Safety Officer may stop any job to ensure the safety of all concerned.

7.11.4 Should the work site be in a hazardous area, the **County** may furnish the **Contractor** with information concerning hazards such as types or identification of known toxic material, machine hazards, Material Safety Data Sheets or any other information that would assist the **Contractor** in the planning of a safe work site.

7.11.5 The **Contractor** shall be aware that while working for the **County**, representatives from agencies such as the United States Department of Labor, Occupational Safety and Health Administration (OSHA) are invitees and need not have warrants or permission to enter the work site. These agencies, as well as the County Safety Officer, enter at the pleasure of the **County**.

7.11.6 The **Contractor** shall designate a competent person of its organization whose duty shall be the prevention of accidents at the site. This person shall be the **Contractor's** superintendent, unless otherwise designated in writing by the **Contractor** to the **Professional.** All communications to the superintendent shall be as binding as if given to the **Contractor**.

7.11.7 Should there be catastrophic injuries, as defined by OSHA, or a fatality on the worksite, the County Safety Manager, Risk Management Division, (863) 534-5267, shall be notified immediately. The Contractor shall promptly report by telephone and in writing to a County Representative and Professional all accidents arising out of or in connection with the Work which cause death, personal injury (defined by OSHA as a "lost time" accident), or property damage in excess of $500.00; giving full details and statements of any witnesses. County Representatives are defined as follows: The Division Director or the authorized representative, the division Project Manager and County Risk Management. Non-adherence to this policy could be cause for disqualification of the Contractor on future County Projects.

7.11.8 Should the County Safety Manager, require the OSHA 300 Log, a written safety and health plan and/or training documents, these documents shall be at this office within 24 hours of the request. Failure to provide the documentation within that time frame may cause the job to be shut down, at no expense to the **County**, until such documents are received.

7.11.9 In any event the **County** may stop the work when, in the **County's** opinion, the work is being performed in violation of any health and safety rules, regulations or laws. This includes environmental issues.

7.11.10 When it becomes necessary to stop the work for any of the reasons contained herein, the **County** shall issue a Stop Work Order to instruct the **Contractor** to cease work on the project. The **County** shall not be penalized in any manner as a result of this Stop Work Order.

7.12 Drug Free Work Place Policy

7.12.1 The **County** has a very comprehensive policy to ensure a drug free work place. The substance of this policy shall become a part of this contract as described below.

7.12.1.1 The **Contractor** and its employees and Subcontractors are strictly prohibited from the following:

Using illegal drugs on **County** property; Manufacturing, distributing, dispensing, selling, possessing, or using a non-prescribed substance, illegal drug or alcohol, while at work or on or in **County** property. Reporting for work or performing work under the influence of a non-prescribed substance, illegal drug or alcohol.

7.12.1.2 If there is reason to believe that this policy is being violated, the **Contractor** shall be required to take immediate action to correct the violation and ensure the **County** that further violations will not occur. The remedy shall, at a minimum, require the person or persons who are the subject of the violation to be banned from the work place.

7.13 Emergencies

7.13.1 In emergencies affecting the safety of persons, the Work or property at the site or adjacent thereto, the **Contractor**, without special instructions or authorization from the **Professional** if time or circumstances do not permit, is obligated to prevent or mitigate threatened damage, injury or loss. The **Contractor** shall give the **Professional** written notice that the emergency provision has been invoked and shall state the reasons within twenty-four (24) hours of the incident. If the **Contractor** believes the emergency results in additional Work, a claim for a Change Order may be submitted in accordance with the procedures set forth herein.

7.13.1.1 The **Contractor** shall immediately notify the **Professional** of all events involving personal injuries to any person on the site, whether or not such person was engaged in the construction of the Project, and shall file a written report on such person(s) and any other event resulting in property damage of any amount within five (5) calendar days of the occurrence.

7.13.1.2 If the **Professional** determines that a change in the Contract Documents is required because of the action taken by the **Contractor** in response to such an emergency, a Change Order will be issued to document the consequences of such action.

7.14 Submittals and Samples

7.14.1 After checking and verifying all field measurements, the **Contractor** shall promptly submit to the **Professional** for approval, in accordance with the accepted schedule of submittals, all submittals and samples required by the Contract Documents. All submittals and samples shall have been checked by and stamped with the approval of the **Contractor** and identified as the **Professional** may require. The data shown on or with the submittals will be complete with respect to dimensions, design criteria, materials and any other information necessary to enable the **Professional** to review the submittal as required. At the time of each submission, the **Contractor** shall give notice to the **Professional** of all deviations that the submittal or sample may have from the requirements of the Contract Documents.

7.14.1.1 The **Professional** shall review and approve submittals and samples. The **Professional's** review and approval shall be only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. The approval of a separate item as such will not indicate approval of the assembly in which the item functions. The **Contractor** will make any corrections required by the Professional and resubmit the required number of corrected copies until approved. The **Contractor's** stamp of approval on any submittal or sample shall constitute its representation to the **Professional** and the **County** that the **Contractor** has determined and verified all quantities, dimensions, field construction criteria, materials, catalog numbers and similar data; and that each submittal or sample has been reviewed or coordinated with the requirements of the Work and the Contract Documents.

7.14.1.2 No Work requiring a submittal or sample submission shall commence until the submission has been approved by the **Professional**. A copy of each approved submittal and each approved sample shall be kept in good order by the **Contractor** at the site and shall be available to the **Professional** and the **County** staff. Any delays associated with the submittal process will be considered for time extensions only, and no damages or additional compensation for delay will be allowed.

7.14.1.3 The **Professional's** approval of submittals or samples shall not relieve the **Contractor** from responsibility for any variation from the requirements of the Contract Documents unless the **Contractor** has in writing called the **Professional'**s attention to each such variation at the time of submission and the **Project Manager** has given written approval to the specific deviation; any such approval by the **Professional** shall not relieve the **Contractor** from responsibility for errors or omissions in the submittal.

7.14.1.4 Where a shop drawing or sample is required by the Contract Documents or the schedule of shop drawings and sample submissions accepted by the **Professional** as required, any related work performed prior to the Professional's review and approval of the pertinent submittal will be at the sole expense and responsibility of the **Contractor.**

7.15 Cleaning Up

7.15.1 The **Contractor** shall maintain the site free from accumulations of waste material, rubbish and other debris or contaminates resulting from the work, at a minimum, on a daily basis or as otherwise required. At the completion of the work, the **Contractor** shall remove all waste material, rubbish and debris from the site as well as all tools, construction equipment, machinery and surplus material; and will leave the site clean and ready for occupancy by the **County**. All disposals shall be in accordance with applicable laws and regulations. In addition to any other rights available to the **County** under the Contract Documents, the **Contractor's** failure to maintain the site may result in withholding of any amounts due the **Contractor.** The **Contractor** will restore to original condition those portions of the site not designated for alteration by the Contract Documents.

ARTICLE 8 – OTHER WORK

8.1 The **County** may perform additional work related to the Project with its own forces or may use other contracts for the execution of additional work. The **Contractor** shall provide the other contractors who are parties to such contracts, including but not limited to, the other contractor's employees, agents, Subcontractors and Suppliers (or the **County's** forces performing the additional work), reasonable opportunity for the introduction and storage of material and equipment and the execution of work, and shall properly connect and coordinate its work with theirs. The **Contractor** shall do all cutting, fitting and patching of the Work that may be required to make its several parts come together properly and integrate with such other work. The **Contractor** shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the **Professional** and the others whose work will be affected. The **Contractor** is not entitled to exclusive use of the site.

8.1.1 If any part of the **Contractor's** work depends (for proper execution or results) upon the work of any other contractor (or the **County**), the Contractor will inspect and promptly report to the Professional in writing any defects or deficiencies in the work that renders it unsuitable for the proper execution and results. The **Contractor's** failure to report shall constitute an acceptance of the other work, except as to defects and deficiencies which may appear in the other work after the execution of its work.

ARTICLE 9 – COUNTY'S RESPONSIBILITIES

9.1 Except as otherwise provided in these General Conditions, the **County** shall issue all communications to the **Contractor** through the **Professional.**

9.1.1 The **County** shall furnish the data required under the Contract Documents and shall make payments to the **Contractor** when due as provided in Article 15.

9.1.2 The **County's** responsibilities for providing lands, easements and engineering surveys to establish reference points are set forth in Article 5.

ARTICLE 10 – PROFESSIONAL'S STATUS DURING CONSTRUCTION

10.1 County's Representative

10.1.1 The **Professional** shall be a representative of the **County** during the construction period. The duties, responsibilities and limitations of authority of the **Professional** as the **County's** representative during construction are set forth in these General Conditions.

10.2 Visits to the Site

10.2.1 The **Professional** shall make periodic visits to the site to observe the progress and quality of the executed Work and to determine, in general, if the Work is proceeding in accordance with the Contract Documents.

10.3 Clarifications and Interpretations

10.3.1 The **Professional** shall issue such written clarifications or interpretations of the Contract Documents (in the form of Drawings or otherwise) as may be determined necessary, or as reasonably requested by the **Contractor**, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. If the **Contractor** believes that a written clarification and interpretation entitles them to an increase in the Contract Price, Contract time, or both, the **Contractor** may make a claim as provided for in Article 11, 12 and 13.

10.4 Rejecting Defective Work

10.4.1 The **Professional h**as the authority to disapprove or reject Work, which is defective. The **Professional** also has authority to require special inspection or testing of the Work at the **Contractor's** expense, as provided in Article 14, whether or not the Work is fabricated, installed or completed when the work has been declared defective.

10.5 Resident Engineer or Architect

10.5.1 The **Professional** may furnish a full or part-time Resident Engineer or Architect and other personnel to assist them in carrying out services at the site. The duties, responsibilities and limitations of authority of the Resident Engineer or Architect and other personnel are set forth in the Supplementary Conditions, if applicable.

10.6 Decisions on Disagreements

10.6.1 The **Professional** shall interpret the requirements of the Contract Documents and determine the acceptability of the Work. If the **Contractor** disagrees with the **Professional's** opinion, the **Contractor** shall refer claims, disputes and other matters relating to the acceptability of the Work or their interpretation of the requirements of the Contract Documents initially to the **Professional** in writing with a request for a formal decision. The **Professional** will render in writing their opinion concerning the **Contractor's** request for a formal decision and shall submit same to the **Project**

Manager. After receipt of the Professional's written opinion and all information requested from the **Contractor**, the **Project Manager** shall render a formal decision in writing, which shall then be conveyed to the **Contractor** by the **Professional.** Written notice of each claim, dispute and other matter shall be delivered by the **Contractor** to the **Professional** within seven (7) calendar days of the occurrence first happening. Written supporting data will be submitted to the **Professional** within fifteen (15) calendar days after the occurrence unless the **Professional** allows additional time. If the **Contractor** fails to strictly comply with these notices and submittal time periods, the **Contractor** shall be deemed to have waived their right to assert a claim the **Contractor** might otherwise have had concerning the matter.

10.7 Limitation on Professional's Responsibilities

10.7.1 Neither the **Professional's** authority to act under this Article or elsewhere in the Contract Documents, nor any decision made in good faith to exercise their authority, shall give rise to any duty or responsibility of the **Professional** to the **Contractor**, any Subcontractor, any of their agents or employees.

10.7.1.1 The **Professional** shall not be responsible for the construction means, methods, techniques, sequences, procedures or the safety precautions and programs used. The **Professional** shall not be responsible for the **Contractor's** failure to perform the Work in accordance with the Contract Documents.

10.7.1.2 The **Professional** shall not be responsible for the acts or omissions of the **Contractor**, any **Subcontractors**, any agents, employees or any other persons performing any of the Work.

ARTICLE 11 – CHANGES IN THE WORK

11.1 Changes

11.1.1 Without invalidating the **Contract**, the **County** may at any time order additions, deletions or revisions in the Work. The **Professional** shall provide the **Contractor** with a proposal request, identifying the work to be added, deleted or revised. Upon receipt, the **Contractor** shall promptly submit a written proposal for the changed work prepared in accordance with Articles 12 and 13. If the proposal request calls only for the deletion of work, the **Professional** may order the partial suspension of any work related to the proposed deletion, in which case the **Contractor** must cease performance as directed; the **Contractor** shall not be entitled to claim lost profits on deleted work. All change work shall be executed under the applicable conditions of the Contract Documents.

11.1.2 Additional work performed by the **Contractor** without authorization of a Change Order or Allowance Authorization will not entitle the **Contractor** to an increase in the Contract Price or an extension of the Contract Time, except in the case of an emergency as provided in Article 7. The effect of this paragraph shall remain paramount

and shall prevail irrespective of any conflicting provisions contained in these Contract Documents.

11.1.3 Upon agreement as to changes in the Work to be performed, work performed in an emergency as provided in Article 7, and any other claim of the **Contractor** for a change in the Contract Time or the Contract Price, the **Professional** will prepare a written Change Order to be signed by the **Professional** and the **Contractor** and submitted to the **County** for approval.

11.1.4 It is the **Contractor's** responsibility to notify its Surety of any changes affecting the general scope of the Work, Contract Price or Contract Time.

11.1.5 In the absence of an agreement as provided in 11.1.3, the **County** may, at its sole discretion, issue a Construction Change Directive to the Contractor. Pricing of the Construction Change Directive will be in accordance with Section 12.1.3. The Construction Change Directive will specify a price and, if applicable, a time extension determined to be reasonable by the County. If the Contractor fails to sign such Construction Change Directive, the Contractor may submit a claim in accordance with Articles 11, 12 and 13, but the Contractor shall nevertheless be obligated to fully perform the Work as directed by the Construction Change Directive.

11.1.6 The **Contractor** shall proceed diligently with performance of the Work as directed by the **County**, regardless of pending claim actions, unless otherwise agreed to in writing.

ARTICLE 12 – CHANGE OF CONTRACT PRICE

12.1 The Contract Price

12.1.1 The Contract Price constitutes the total compensation (subject to written authorized adjustments) payable to the **Contractor** for performing the Work. All duties, responsibilities and obligations assigned to or undertaken by the **Contractor** shall be at the **Contractor's** expense without change in the Contract Price.

12.1.2 The Contract Price may only be increased or decreased by a written Change Order or Construction Change Directive. Any claim for an increase shall be in writing and delivered to the **Professional** within seven (7) calendar days of the occurrence first happening. Written supporting data will be submitted to the **Professional** within fifteen (15) calendar days after the occurrence unless the **County** allows additional time.

12.1.3. The value of any work covered by a Change Order or of any claim for an adjustment in the Contract Price will be determined by the following procedures:

12.1.3.1 Designated Unit Price (Field Measure)

The **Contractor** and the **County** recognize and acknowledge that the quantities shown for those items designated in the Bid Submittal (Part C) as unit price items are

approximations prepared by the **County** for bid purposes and that the actual compensation payable to the **Contractor** for the utilization of these items is based upon the application of unit prices to the actual quantities of items involved as measured in the field and required to complete the Work as originally defined in the Contract Documents.

When it is determined by the **County** that an addition, deletion or revision to the Work as defined in these Contract Documents is required and affects the quantities required for items designed in the Bid Submittal (Part C) as unit price items, the **Contractor** and the **County** agree that the compensation payable to the Contractor for the unit price items shall be adjusted accordingly by a Change Order based upon the application of the appropriate unit prices shown in the Bid Submittal (Part C) to the quantity of the unit price item required to complete the Work as defined in the Contract Documents.

12.1.3.2 Other Unit Prices

For items not designated in the Bid Submittal (Part C) as unit prices, the **County** and the **Contractor** may establish unit prices as agreed on by Change Order.

12.1.3.3 Lump Sum

When it is determined by the **County** that an addition, deletion or revision to the Work is required which results in a change in the Work designated in the Bid Submittal as a lump sum item, the amount of increase or decrease in the lump sum price shall be established by mutual agreement of the parties.

12.1.4 If the pricing methods specified in 12.1.3 are inapplicable, or if the parties are unable to agree on a price for the changed work, a reasonable price for the same shall be established by the **County** in accordance with 12.2. The County shall then process a unilateral Change Order, specifying the said reasonable price, in accordance with 11.1.5. The Contractor shall perform the work as directed in the Change Order.

12.1.5 Failure on the part of the **Contractor** to construct any item to plan or authorized dimensions within the specification tolerances shall result in: reconstruction to acceptable tolerances at no additional costs to the **County**; acceptance at no pay; or acceptance at reduced final pay quantity or reduced unit price, all at the discretion of the **County**. Determinations of aggregate monetary change for items identified as lump sum quantities shall be made by the **County** based upon an analysis of the scope of the Contractor's failure to construct to plan or authorized dimensions.

12.2 Cost of Work

12.2.1 The term "Cost of Work," for the purpose of Change Orders or Allowance Work, means the cost necessarily incurred and paid by the Contractor in the proper performance of the Change Order Work. Except as may be agreed to in writing by the **Professional**, such costs shall be in amounts no higher than those prevailing in the area of the Work and may include the categories listed below.

12.2.1.1 Labor (payroll, taxes, fringe benefits, worker's compensation, health and retirement benefits, sick leave)
12.2.1.2 Owned Equipment (at lowest applicable equipment manual rate) (Blue Book Value)
12.2.1.3 Rented Equipment (at actual rental rate)
12.2.1.4 Material
12.2.1.5 Supplies
12.2.1.6 Subcontractors' Costs
12.2.1.7 Bonds and Insurance
12.2.1.8 Contractor's Fee (per 12.3)
12.2.1.9 Permit Fees

12.2.2 The **Contractor** shall require all Subcontractors and Suppliers to comply with all requirements of, and provide itemizations of, all claims in accordance with this Article.

12.2.3 The term "Cost of the Work" shall not include any of the following:

12.2.3.1 Payroll costs and other compensation of the **Contractor's** officers, executives, principals (of partnership and sole proprietorships), general managers, engineers, architects, estimators, layers, auditors, accountants, Procurement and contracting agents, expediters, timekeepers, clerks and other personnel employed by the **Contractor**, whether at the site or in its principal or a branch office, for general administration of the Change Order work and not specifically included in the agreed upon schedule of job classifications, all of which are to be considered administrative costs covered by the **Contractor's** mark-up.

12.2.3.2 Extraordinary fringe benefits not specifically identified in Article 12.2.1.1.

12.2.3.3 Expenses of **Contractor's** principal and branch offices other than the **Contractor's** office at the site.

12.2.3.4 Any part of the **Contractor's** capital expenses, including interest on the **Contractor's** capital used for the Change Order work and charges against the **Contractor** for delinquent payments.

12.2.3.5 Cost of premiums for all bonds and insurance, whether or not the **Contractor** is required by the Contract Documents to purchase and maintain the same (except for additional bonds and insurance required because of changes in the work).

12.2.3.6 Costs due to the negligence of the **Contractor**, any Subcontractor or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to: the correction of defective Work; disposal of material or equipment wrongly supplied; and making good any damage to property.

12.2.3.7 Overhead or general expense costs of any kind (other than as provided in 12.3).

12.3 Contractor's Mark-Up

12.3.1 The maximum percentage allowed for the **Contractor's** combined overhead and profit shall be as follows:

12.3.1.1 For all such Change Order work or Allowance Work done, a fixed percentage of the total adjustment to the Contract Price shall be negotiated and shall not exceed ten percent (10%).

12.3.2 For all changes, the **Contractor** shall submit an itemized cost breakdown, together with supporting data in the detail and form as prescribed by the **Professional.** When a credit is due, the amount of credit to be allowed by the **Contractor** to the **County** for any change which results in a net decrease in cost will be the amount of the actual net decrease in direct cost as determined by the **Professional**, plus the applicable reduction in overhead and profit. When both additions and credits are involved in any change, the combined overhead and profit shall be calculated on the basis of the net change, whether an increase or decrease. In any event, the minimum detail shall be an itemization of all man-hours required by discipline/trade with the unit cost per man-hour and total labor price, labor burden, equipment hours and rate for each piece of equipment, material by units of measure and price per unit, other costs specifically itemized, plus the overhead and profit markup.

12.4 Prompt Processing of Change Orders

12.4.1 Pursuant to §218.755, Fla. Stat., for any contract for construction services, if (1) County receives from Vendor a price quote for a change order requested or issued by the County for construction services, and (2) the price quote conforms to all statutory requirements and contractual requirements for the project, then County shall approve or deny the price quote and send written notice of that decision to Vendor within thirty-five (35) days after receipt of such quote. If the County issues a denial notice, then the County shall specify the alleged deficiencies in the price quote and the actions necessary to remedy those deficiencies. If the County fails to provide the contractor with a notice in compliance with this section, then the change order and price quote are deemed approved, and the County shall pay the contractor the amount stated in the price quote upon the completion of the change order.

ARTICLE 13 – CHANGE OF CONTRACT TIME

13.1 The Contract Time may only be changed by a Change Order. Any request for an extension in the Contract Time shall be made in writing and delivered to the **Professional** within seven (7) calendar days of the occurrence first happening and resulting in the claim. Written supporting data will be submitted to the **Project Manager**

within fifteen (15) calendar days after the occurrence, unless the **Professional** allows additional time. All claims submitted by the **Contractor** for adjustments to the Contract Time must set forth in detail the reasons for and causes of the delay and clearly indicate why the subject delay was beyond the **Contractor's** control or fault.

13.1.1 If the **Contractor** is delayed at any time in the performance, progress, commencement or completion of the Work by any act or neglect of the **County** or the **Professional,** by an employee of either, by any separate contractor employed by the **County**, by changes ordered in the Work, by labor disputes, fire, unavoidable casualties, unforeseeable weather conditions, utility conflicts which could not have been identified or foreseen by the **Contractor** using reasonable diligence or by any causes beyond the **Contractor's** control or fault, then the Contract Time shall be extended by Change Order for such reasonable time as the **County** may determine. The **Contractor** shall be entitled to an extension of time for causes only for the number of days of delay which the **County** may determine to be due solely to these causes and only to the extent these occurrences actually delay the completion of the Work; and then only if the **Contractor** shall have strictly complied with all the requirements of the Contract Documents. Provided, however, notwithstanding anything in the Contract Documents to the contrary, no interruption, interference, inefficiency, suspension or delay in the performance, progress, commencement or completion of the Work for any cause whatsoever, including those for which the **County** or the **Professional** may be responsible in whole or in part, shall relieve **Contractor** of its duty to perform or give rise to any right to damages or additional compensation from the **County**. The Contractor's sole and exclusive remedy against the **County** for interruption, interference, inefficiency, suspension or delay of any aspect of the Work shall be right to seek an extension to the Contract Time in accordance with the procedures set forth herein.

ARTICLE 14 - UNCONTROLLABLE FORCES (FORCE MAJEURE)

14.1 Either party hereunder may be temporarily excused from performance if an Event of Force Majeure directly or indirectly causes its nonperformance. An "Event of Force Majeure" is defined as any event which results in the prevention or delay of performance by a party of its obligations under this Agreement and which is beyond the reasonable control of the nonperforming party. It includes, but is not limited to fire, flood, earthquakes, storms, lightning, epidemic, war, riot, civil disturbance, sabotage, and governmental actions.

14.2 Neither party shall be excused from performance if non-performance is due to forces which are reasonably preventable, removable, or remediable and which the non-performing party could have, with the exercise of reasonable diligence, prevented, removed, or remedied prior to, during, or immediately after their occurrence. Within five (5) days after the occurrence of an Event of Force Majeure, the non-performing party shall deliver written notice to the other party describing the event in reasonably sufficient

detail, along with proof of how the event has precluded the non-performing party from performing its obligations hereunder, and a good faith estimate as to the anticipated duration of the delay and the means and methods for correcting the delay.

14.3 The non-performing party's obligations, so far as those obligations are affected by the Event of Force Majeure, shall be temporarily suspended during, but no longer than, the continuance of the Event of Force Majeure and for a reasonable time thereafter as may be required for the non-performing party to return to normal business operations. If excused from performing any obligations under this Agreement due to the occurrence of an Event of Force Majeure, the non-performing party shall promptly, diligently, and in good faith take all reasonable action required for it to be able to commence or resume performance of its obligations under this Agreement. During any such time period, the non-performing party shall keep the other party duly notified of all such actions required for it to be able to commence or resume performance of its obligations under this Agreement.

ARTICLE 15 – WARRANTY AND GUARANTEE: ACCEPTANCE OF DEFECTIVE WORK

15.1 Warranty and Guarantee

15.1.1 The **Contractor** warrants and guarantees to the **County** that all material and equipment will be new, unless otherwise specified; and that all work will be of good quality, performed in a workmanlike manner, free from faults or defects, and in accordance with the requirements of the Contract Documents and any inspections, tests or approvals referred to in this Article. All unsatisfactory Work, all faulty Work and all Work not conforming to the requirements of the Contract Documents or such inspections, tests, approvals or all applicable building, construction and safety requirements, shall be considered defective. Notice of all defects shall be given to the **Contractor** by the **Project Manager**. All defective work, whether or not in place, may be rejected, corrected or accepted as provided in this Article.

15.1.2 If, after approval of final payment and prior to the expiration of one year after the date of final completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any Work or material are found to be defective, incomplete or otherwise not in accordance with the Contract Documents, the **Contractor** shall promptly, without cost to the **County** and in accordance with the **County's** written instructions, either correct such defective Work or, if it has been rejected by the **County**, remove it from the site and replace it with non-defective work. If the **Contractor** does not promptly comply with the terms of such instructions, the **County** may have the defective Work corrected, removed or replaced. All direct and indirect costs of such action will be paid by the **Contractor**.

15.2 Tests and Inspections

15.2.1 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any Work to specifically be inspected, tested

or approved by someone other than the **Contractor,** the **Contractor** shall give the Professional timely notice. The testing firm(s) (if assigned by the **Contractor** to this Work) and all such inspections, tests or approvals provided for by the **County** shall be identified in writing by the **Professional** to the **Contractor**. All other inspections, tests or approvals shall be at the **Contractor's** expense, including additional expenses for inspection and tests required as a result of delays by the **Contractor** or hours worked in excess of 40 hours per week. For all required inspections, tests and approvals on any Work prepared, performed or assembled away from the site, the **Contractor** will furnish the **Professional** with the required Certificates of Inspection, testing or approval. All such tests will be in accordance with the methods prescribed by the American Society for Testing and Material or such other applicable organizations as may be required by law or the Contract Documents. Material or Work in place that fail to pass acceptability tests shall be retested at the direction of the Professional and at the **Contractor's** expense.

15.2.2 Neither observations by the **Professional** or the **Project Manager** nor inspections, tests or approvals by persons other than the **Contractor** shall relieve the **Contractor** of its obligations to perform the Work in accordance with the requirements of the Contract Documents.

15.3 Access to the Work

15.3.1 For the duration of the Work, the **Professional** and their representatives, other designated representatives of the **County** and authorized representatives of any regulatory agency shall at all times be given access to the Work.

The **Contractor** shall provide proper facilities for such access and observation of the Work and also for any inspection or testing by others.

15.4 Uncovering the Work

15.4.1 If any work required to be inspected, tested or approved is covered prior thereto without the prior written approval of the **Professional**, or if any work is covered contrary to the request of the **Project Manager**, the work shall, if requested by the **Professional** or the **Project Manager**, be uncovered for observation, inspection, testing or approval and replaced at the **Contractor's** expense.

15.4.2 If any work has been covered which either the **Professional** or the **Project Manager** has not specifically requested to observe, or if the **Professional** or the **Project Manager** considers it necessary or advisable that covered work be inspected or tested by others, the **Contractor**, upon written request of the **Professional** or the **Project Manager**, shall uncover, expose or otherwise make available for observation, inspection or testing that portion of the work in question, furnishing all necessary labor, material and equipment. If it is found that such work is defective, the **Contractor** shall bear the expense of such uncovering, exposure, observation, inspection, testing and

satisfactory reconstruction. If, however, such work is not found to be defective, the **Contractor** shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction, if it makes a claim as provided in Articles 11, 12 and 13.

15.5 Stop Work

15.5.1 When work is defective or when the **Contractor** fails to supply sufficient skilled workmen, suitable material, suitable equipment, make prompt payments to Subcontractors for labor, material or equipment, or if the **Contractor** violates any provisions of these Contract Documents, the **County** may order the **Contractor** to stop the work until the cause for such order has been eliminated. However, this right of the **County** to stop the work shall not give rise to any duty on the part of the **County** to exercise this right for the benefit of the **Contractor** or any other party. The **Contractor** shall have no right to claim an increase in the Contract Price or Contract Time or other damages for a stop work order under this paragraph.

15.6 Correction or Removal of Defective Work

15.6.1 When directed by the **Professional**, the **Contractor** shall promptly, without cost to the **County** and as specified by the Professional either correct the defective work whether fabricated, installed or completed, or remove it from the site and replace it with non-defective work or remove and replace such defective work within a reasonable time, all as specified in a written notice from the Professional, the County may have the deficiency corrected. All direct and indirect costs of such correction shall be paid by the Contractor or deducted from payment to the Contractor. The Contractor will also bear the expense of correcting or removing and replacing all work of others destroyed or damaged by the correction, removal or replacement of the defective work.

15.7 Acceptance of Defective Work

15.7.1 If, instead of requiring correction or removal and replacement of defective work, the **County** prefers to accept it, the **County** may do so. In such case, if acceptance occurs prior to approval of final payment, a Change Order incorporating the necessary revisions in the Contract Documents, including an appropriate reduction in the Contract Price, shall be issued. If the acceptance occurs after approval of final payment, the **Contractor** shall pay to the **County** an appropriate sum to compensate for the defect in the work.

15.8 Neglected Work by Contractor

15.8.1 If the **Contractor** neglects to execute the Work in accordance with the Contract Documents, including any requirements of the progress schedule, the **Professional** may direct the **Contractor** to submit a recovery plan and take specific corrective actions including, but not limited to, employing additional workmen and/or equipment working

extended hours and additional days, all at no cost to the **County**, in order to put the Work back on schedule. If the **Contractor** fails to correct the deficiency or take appropriate corrective action, the **County** may terminate the contract or **Contractor's** right to proceed with that portion of work and have the work done by others. The cost of completion under such procedure shall be charged against the **Contractor**. A Change Order shall be issued incorporating the necessary revisions in the Contract Documents, including an appropriate reduction in the Contract Price. If the payments due the **Contractor** are not sufficient to cover such amount, the **Contractor** shall pay the difference to the **County**.

15.8.2 Should the **Contractor** work overtime, weekends or holidays to regain the schedule, all costs to the **County** of associated inspection, construction management and resident engineering shall be identified to the **Contractor** and the Contract Price reduced by a like amount via Change Order.

ARTICLE 16 – PAYMENT AND COMPLETION

16.1 Schedule of Values

16.1.1 The Schedule of Values established as provided in General Conditions 3.5.2.2 will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to the **Professional** and the **Project Manager.** Progress payments using unit prices bid will be based on the number of units completed. Lump sum bids do not have a provision for a unit price adjustment.

16.1.2 The Schedule of Values will include a breakdown of divisions of the work in a manner that will identify Subcontractors by the classification of their work according to any accepted numerical sequence, such as AIA numerical classification. Any Subcontractor identified by the **Contractor**, as a Woman/Minority Business Entity shall be noted in the schedule of values on a separate line of the schedule of values with an extension to the numerical classification used to identify the particular division of work. The extension will be according to the following: 002- Woman Business Enterprise; 003 – African American Enterprise; 004 – Hispanic American; 005 – Asian Pacific American Business; 006 – Native American Business; and 007 – Asian-Indian American Business.

16.2 Application for Progress Payment: Contractor Certification of Disbursement of Previous Progress Payments to Subcontractors and Suppliers

16.2.1 At least seven (7) calendar days before the date established for each progress payment (but not more often than once a month), **Contractor** shall submit the following to the **Professional f**or review: (i) an Application for Payment filled out and signed by the **Contractor** covering the work completed as of the date of the Application; (ii) a Contractor Certification of Disbursement of Previous Progress Payments to Subcontractors and Suppliers (as further described in Subsection 16.2.2 below) in a

form the County will designate and provide to the **Contractor,** and (iii) all other supporting documentation as is required by the Contract Documents. If payment is requested on the basis of material and equipment not incorporated in the Work but delivered and suitably stored at the site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice or other documentation warranting that the **County** has received the material and equipment free and clear of all liens and evidence that the material and equipment are covered by appropriate property insurance and other arrangements to protect the **County's** interest therein, all of which will be satisfactory to the **County**. Payment is subject to retainage in accordance with F.S. 218.735. The amount of retainage is 5% in accordance with the contract document or as provided in F.S. 218.735.

16.2.2 As additional conditions precedent to the County's obligation to pay the Contractor each progress payment, to include the final payment due under the Contract, the Contractor must (i) pay all Subcontractors and Suppliers their respective pro rata share of all previous payments (to include any payments of retainage) that the County has made to Contractor for Work that has been satisfactorily completed; and (ii) execute and deliver to the Professional a Contractor Certification of Disbursement of Previous Progress Payments to Subcontractors and Suppliers with its Application for Payment submitted in accordance with Subsection 16.2.1 above. If the Contractor has not made the required payments to all Subcontractors and Suppliers, but the Contractor has (a) demonstrated good cause (as reasonably determined by the County) for not making any required payment; (b) delivered written notice to the County and to the applicable Subcontractor or Supplier specifically stating why the Contractor has not paid the Subcontractor or Supplier its proportionate share of the progress payments that the County has made to the Contractor pursuant to the Contract, and (c) completed all other requirements and conditions precedent to the receipt of the requested progress payment, then the County will pay Contractor the progress payment in accordance with the Contract requirements.

16.3 Contractor's Warranty of Title

16.3.1 **Contractor** warrants and guarantees that title to the work, material and equipment covered by any Application for Payment, whether incorporated in the Work or not, will pass to the **County** no later than the time of payment, free and clear of all liens.

16.4 Approval of Payments

16.4.1 The **Professional,** after receipt of each Application for Payment, will either indicate in writing a recommendation of payment and present the application to the **County,** or return the application to the **Contractor** indicating in writing the **Professional's** reasons for refusing to recommend payment. In the latter case, the **Contractor** may make the necessary corrections and resubmit the application. The **County** shall make payment in accordance with F.S. 218.735.

16.4.2 The **Professional's** recommendation of any payment requested in an Application for Payment will constitute a representation by the **Professional** to the **County** based on the **Professional's** review of the Application for Payment and the accompanying data and schedules, that to the best of the **Professional's** knowledge, information and belief:

a) The Work has progressed to the point indicated;

b) The quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon substantial completion, to the results of any subsequent tests called for in the Contract Documents, to a final determination of quantities and classifications for Unit Price Work and to any other qualifications stated in the recommendation); and

c) The conditions precedent to the **Contractor's** being entitled to such payment appear to have been fulfilled in so far as it is the **Professional's** responsibility to observe the Work.

16.4.3 By recommending any such payment, the **Professional** will not be deemed to have represented that: (i) exhaustive or continuous on-site inspections have been made to check the quality or the quantity of the Work beyond the responsibilities specifically assigned to the **Professional** in the Contract Documents; or (ii) that there may not be other matters or issues between the parties that might entitle the **Contractor** to be paid additionally by the **County** or entitle the **County** to withhold payment to the **Contractor**.

16.4.4 The **Professional's** recommendation of any payment, including final payment, shall not mean that the **Professional** is responsible for the **Contractor's** means, methods, techniques, sequences or procedures of construction; or the safety precautions and programs incident thereto; or for any failure of the **Contractor** to comply with Laws and Regulations applicable to the furnishing or performance of Work; or for any failure of the **Contractor** to perform or furnish Work in accordance with the Contract Documents.

16.4.5 The **Professional** may refuse to recommend the whole or any part of any payment if, in the **Professional's** opinion, they are unable to make the representation that the Application is acceptable to the **County**. The **Professional** may also refuse to recommend any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, nullify any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, nullify any such payment previously recommended, to such extent as may be necessary in the **Professional's** opinion to protect the **County** from loss because:

a) The Work is defective;

b) The Contract Price has been reduced by Change Order;

c) The **County** has been required to correct defective work or complete work in accordance with Article 15;

d) Claims have been filed against the **County** for which the **Contractor** may be liable; and/or

e) The work was executed unsatisfactorily; the **Contractor** failed to clean up as required in Article 7 or the work is otherwise not in compliance with these Contract Documents.

16.4.6 The **County** will give the **Contractor** immediate notice stating the reasons for such action and promptly pay the **Contractor** the amount so withheld, or any adjustment thereto agreed to by the **County** and the **Contractor**, when the **Contractor** corrects, to the **County's** satisfaction, the reasons for such action.

16.5 Substantial Completion

16.5.1 Definition. Substantial Completion is the stage in the progress of the Work when the Work or specified portion thereof is sufficiently complete in accordance with the Contract Documents so the **County** can occupy or utilize the Work for its intended purpose.

16.5.2 Certificate of Substantial Completion. When the **Contractor** considers that the Work, or a specified portion thereof, which the **County** agrees to accept separately, is substantially complete, the **Contractor** shall notify the **Professional** and the **Project Manager**. Along with such notification, the **Contractor** shall submit to the **Professional** a thorough and inclusive list of all remaining Work items to be completed or corrected. Upon receipt of the **Contractor's** notification and list, the **Professional** and the **Project Manager** will visit the site to determine whether the Work or designated portion thereof is substantially complete. Once the **Professional**, in consultation with the **County**, determines that the Work or specified portion thereof is substantially complete, the **Professional** will prepare a Certificate of Substantial Completion that shall establish the date of Substantial Completion. The Certificate of Substantial Completion shall be submitted to the **Contractor** for its written acceptance and then to the **County** for acceptance and issuance.

16.5.3 Deficiency List. The Certificate of Substantial Completion shall include a list prepared by the **Professional** (the "Deficiency List") of final work items remaining, which must be completed to render the Work, or specified portion thereof, complete, satisfactory, and acceptable in accordance with the Contract Documents. The Deficiency List shall include those items from the **Contractor's** list described in Section 16.5.2 above which remain incomplete or uncorrected as of the date of Substantial Completion, along with any other incomplete or unsatisfactory items as determined by

the **Professional** or the **Project Manager**. Failure to include on the Deficiency List any corrective work or pending items not yet completed shall not alter the responsibility of the **Contractor** to complete all the construction services purchased pursuant to the Contract Documents. The **Professional,** in consultation with the **County**, shall establish a date for completion of the items identified in the Deficiency List, and this date for completion shall be noted on the Certificate of Substantial Completion. The **Professional** shall also include an estimated cost to complete each item on the Deficiency List. Should the **Contractor** fail to complete the items by the date noted on the Certificate of Substantial Completion, the **County** may complete the item and deduct the costs from the final Application for Payment.

16.5.4 Project Closeout and Payment of Retainage. In accordance with Section 255.077(4), Fla. Stat., within 20 business days after developing the Deficiency List, and after receipt of a proper invoice or payment request, the **County** shall pay the **Contractor** the remaining balance of the contract, including any remaining retainage withheld by the **County** pursuant to Section 255.078, Florida Statutes, less an amount equal to 150 percent of the estimated cost to complete the items on the Deficiency List.

16.5.5 Warranties. Warranties required by the Contract Document shall commence on the date of Substantial Completion of the Work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion.

16.6 Beneficial Occupancy

16.6.1 Use by the **County** at the **County's** option of any substantially completed part of the Work which (i) has specifically been identified in the Contract Documents, or (ii) the **County, Professional** and **Contractor** agree constitutes a separately functioning and usable part of the Work that can be used by the **County** for its intended purpose without significant interference with the **Contractor's** performance of the remainder of the Work, may be accomplished prior to Substantial Completion of all the Work subject to 16.6.2.

16.6.2 The **County** at any time may request the **Contractor** in writing to permit the **County** to use any such part of the Work which the **County** believes to be ready for its intended use and substantially complete. If the **Contractor** agrees that such part of the Work is substantially complete, the **Contractor** will certify to the **County** and the **Professional** in writing that the **Contractor** considers any such part of the Work ready for its intended use and substantially complete and request the **Professional** to issue a certificate of Substantial Completion for that part of the Work. Within a reasonable time after either such request, the **County**, **Contractor** and **Professional** shall make an inspection of that part of the Work to determine its status of completion. If the **Professional** does not consider that part of the Work to be substantially complete, the **Professional** will notify the **County** and the **Contractor** in writing giving the reasons therefore. If the **Professional** considers that part of the Work to be substantially complete, the provisions of 16.5 will apply with respect to certification of Substantial

Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.

16.6.3 The **County**, may at its discretion, reduce the amount of retainage beyond the amount prescribed in F.S. 218.735 subject to Beneficial Occupancy.

16.6.4 Retainage will not be released in the face of a claim by the **County** for liquidated damages or a dispute claim by the **Contractor** for additional compensation.

16.7 Final Inspection

16.7.1 Upon written notice from the **Contractor** that the entire Work or an agreed portion thereof is complete, the **Professional** will make a final inspection with the **County** and the **Contractor** and will notify the **Contractor** in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. The **Contractor** shall immediately take such measures as necessary to complete such Work or remedy such deficiencies.

16.8 Final Application for Payment

16.8.1 After the **Contractor** has completed all such corrections to the satisfaction of the **Professional** and the **County** and delivered in accordance with the Contract Documents all maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by 6.2, certificates of inspection, marked-up record documents and other documents, the **Contractor** may make application for final payment following the procedure for progress payments. The final Application for Payment shall be accompanied (except as previously delivered) by: (i) all documentation called for in the Contract Documents, including but not limited to the evidence of insurance required; (ii) consent of the surety to final payment; and (iii) a final Contractor Certification of Disbursement of Previous Progress Payments to Subcontractors and Suppliers.

16.8.2 No application for final payment will be accepted by the **County** until all required documentation by the **Contractor** has been accepted and approved by the **Professional** and the **County.**

16.8.3 Notwithstanding any other provision of these contract documents to the contrary, the **County** and the **Professional** are under no duty or obligation whatsoever to any vendor, material provider, Subcontractor, laborer or other party to ensure that payments due and owing by the **Contractor** to any of them are or will be made. Such parties shall rely only on the **Contractor's** surety bonds for remedy of nonpayment by the **Contractor.** The **Contractor** agrees to defend and resolve all claims made by Subcontractors, indemnifying the **County** and the **Professional** for all claims arising from or resulting from Subcontractor, Supplier, material men or laborer services in connection with this project.

16.8.4 The **Contractor** will indemnify the **County** and **Professional** for any damages sustained including lost revenues resulting from the **Contractor's** failure or refusal to perform the work required by these contract documents.

16.9 Final Payment and Acceptance

16.9.1 If, on the basis of the **Professional's** observation of the Work during construction and final inspection, and the **Professional's** review of the final Application for Payment and accompanying documentation as required by the Contract Documents, the **Professional** is satisfied that the Work has been completed and the **Contractor's** other obligations under the Contract Documents have been fulfilled, the **Professional** will, after receipt of the final Application for Payment, indicate in writing the **Professional's** recommendation of payment and present the Application to the **County** for payment. At the same time, the Professional will also give written notice to the County and the **Contractor** that the Work is acceptable subject to the provision of 16.10. Otherwise, the **Professional** will return the application to the **Contractor,** indicating in writing the reasons for refusing to recommend final payment, in which case the **Contractor** shall make the necessary corrections and resubmit the Application. After the presentation to the **County** of the application and accompanying documentation, in appropriate form and substance and with the **Professional's** recommendation and notice of acceptability, the amount recommended by the **Professional** will become due and will be paid by the **County** to the **Contractor**.

16.9.2 If, through no fault of the **Contractor**, final completion of the Work is significantly delayed and if the **Professional** so confirms, the **County** shall, upon receipt of the **Contractor's** final Application for Payment and recommendation of the **Professional,** and without terminating the Agreement, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by the **County** for Work not fully completed or corrected is less than the retainage stipulated in the Contract, and if bonds have been furnished as required in Article 6, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the **Contractor t**o the **Professional** with the application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

16.9.3 The remainder of the Contract Price will be approved for payment upon final completion of the work, acceptance of the work by the **County** and settlement of all claims.

16.10 Waiver of Claims

16.10.1 The making and acceptance of final payment will constitute a waiver of all claims by the **Contractor** against the **County**, other than those previously made in writing and still unsettled.

16.10.1.1 The making and acceptance of final payment will constitute a waiver of all claims by the **County** against the **Contractor**, except claims arising from unsettled liens from defective Work appearing after final inspection pursuant to 16.7; from failure to comply with the Contract Documents or the terms of any special guarantees specified therein; or from the **Contractor's** continuing obligations under the Contract Documents.

ARTICLE 17 – SUSPENSION OF WORK AND TERMINATION

17.1 Suspension of Work

17.1.1 At any time and without cause, the **County** may suspend the Work or any portion thereof for a period of not more than ninety (90) days by notice in writing to the **Contractor** and the **Professional**, which will fix the date on which Work will be resumed. The **Contractor** shall resume the Work on the date so fixed. The **Contractor** shall be allowed an adjustment in the Contract Price or an extension of the Contract Time, or both, directly attributable to any such suspension if the **Contractor** makes any approved claim therefore as provided in Articles 12 and 13.

17.2 Termination For Cause

17.2.1 Upon the occurrence of any one or more of the following events:

a) If the **Contractor** fails to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable material or equipment; or failure to adhere to the progress schedule established;

b) If the **Contractor** disregards laws or regulations of any Regulations of any public agency having jurisdiction;

c) If the **Contractor** disregards the authority of the **Professional** or the **Project Manager;** or

d) If the **Contractor** otherwise violates in any substantial way any provisions of the Contract Documents.

The **County** may, after giving the **Contractor** and surety seven (7) working days' written notice and to the extent permitted by Laws and Regulations, terminate the services of the **Contractor**; exclude the **Contractor** from the site; take possession of the Work and of all the **Contractor's** tools, appliances, construction equipment and machinery at the site; use the same to the full extent they could be used by the **Contractor** (without liability to the **Contractor** for trespass or conversion); incorporate in the Work all material and equipment stored at the site or for which the **County** has paid the **Contractor** but which are stored elsewhere; and finish the Work as the **County** may deem expedient. In such case, the **Contractor** shall not be entitled to receive any further payment beyond an amount equal to the value of the work actually completed

and the value of material and equipment not incorporated in the work but delivered and suitably stored, less the aggregate of payments previously made. If the direct and indirect costs of completing the work exceed the unpaid balance of the contract price, the **Contractor** shall pay the difference to the **County**. Such costs incurred by the **County** shall be verified by the **Professional** and incorporated in a Change Order; but in finishing the work the **Contractor** shall not be required to obtain the lowest figure for the work performed. The **Contractor's** obligations to pay the difference between such costs and such unpaid balance shall survive termination of the agreement.

17.2.2 In the event the **County** terminates the contract for cause and it is subsequently judicially determined that there was no cause for termination, the termination for convenience provision will be the means for disposition of the balance of the contract obligations.

17.3 Termination for Convenience

17.3.1 Upon seven (7) working days' written notice to the **Contractor** and the **Professional,** the **County** may, without cause and without prejudice to any other right or remedy of the **County,** elect to terminate the **Contract**. In such case, the **Contractor** shall be paid (without duplication of any items):

a) For completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;

b) For expenses sustained prior to the effective date of termination in performing services and furnishing labor, material or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses;

c) For all claims, costs, losses and damages incurred in settlement of terminated contracts with subcontractors, suppliers and others; and

d) For reasonable expenses directly attributable to termination.

The **Contractor** shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination.

17.3.2 If through no act or fault of the **Contractor**, the Work is suspended for a period of more than ninety (90) calendar days by the County, or under an order of court or other public authority, or the **Professional** fails to act on any Application for Payment within thirty (30) calendar days after it is submitted, or the **County** fails for thirty-one (31) calendar days to pay the Contractor any sum finally determined to be due, then the **Contractor** may, upon seven (7) working days' written notice to the **County** and the **Professional**, terminate the Agreement and recover from the **County** payment on the

same terms as provided in 17.2.2, provided the **County** or the **Professional** did not remedy such suspension or failure within that time. In lieu of terminating the Agreement and without prejudice to any other right or remedy, if the **Professional** has failed for thirty-one (31) calendar days to pay the **Contractor** any sum finally determined to be due, the **Contractor** may upon seven (7) days' written notice to the **County** and the **Professional** stop the Work until payment is made of all such amounts due the **Contractor**, including interest thereon. The provisions of this paragraph are not intended to preclude the **Contractor** from making claim under Articles 12 and 13 for an increase in Contract Price or Contract Time or otherwise for expenses or damage directly attributable to the **Contractor's** stopping Work as permitted by this paragraph.

ARTICLE 18 – DISPUTES

18.1 All disputes arising under this Contract or its interpretation whether involving law, fact or both, or extra work, and all claims for alleged breach of contract, shall within ten (10) working days of the commencement of the dispute be presented by the **Contractor** to the **County** for decision. All papers pertaining to claims shall be filed in quadruplicate. Such notice need not detail the amount of the claim but shall state the facts surrounding the claim in sufficient detail to identify the claim, together with its character and scope. In the meantime, the **Contractor** shall proceed with the Work as directed. Any claim not presented within the time limit specified in this paragraph shall be deemed to have been waived, except that if the claim is of a continuing character and notice of the claim is not given within ten (10) working days of its commencement, the claim will be considered only for a period commencing ten (10) working days prior to the receipt by the **County** of notice thereof. Each decision by the **County** will be in writing and will be mailed to the **Contractor** by registered or certified mail, return receipt requested, directed to the **Contractor's** last known address.

18.1.1 If the **Contractor** does not agree with any decision of the **County**, the **Contractor** shall seek mediation by a certified circuit court civil mediator who will be agreed to by the parties or, if the parties cannot agree to a mediator within thirty (30) calendar days of the request for mediation, said mediator will be chosen by the **Contractor**. Any mediation will be held in Polk County, unless otherwise agreed to by the **County.** The parties will cooperate in good faith with the mediator with the cost of the mediator split equally between the parties, if the mediator is agreed upon, and by the **Contractor** if agreement on the mediator cannot be reached.

18.1.2 If the **Contractor** does not agree with any decision of the **County**, or the mediation is unsuccessful, the **Contractor** shall in no case allow the dispute to delay the Work but shall notify the **County** promptly that the work proceeding under protest and that the matter in question may be accepted from the final release.

ARTICLE 19 – MISCELLANEOUS

19.1 Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

19.2 When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation. A calendar day of twenty-four (24) hours measured from midnight to the next midnight will constitute a day.

19.3 Should the **County** or the **Contractor** suffer injury or damage to its person or property because of any error, omission or act of the other or of any of their employees, agents or others for whose acts they may be legally liable, claim should be made in writing to the other party within a reasonable time of the first observance of such injury or damage.

19.4 All representations, warranties and guarantees made in the contract documents will survive final payment and termination or completion of the agreement. Also, the obligation of the **Contractor** to maintain the work until initiation of operation shall survive final payment, termination or completion of the Contract.

19.5 The **Contractor** shall keep adequate records and supporting documentation applicable to the Work and Contract. Said records and documentation shall be retained by the **Contractor** for a minimum of five (5) years from the date of final completion or termination of this Contract. The County shall have the right to audit, inspect and copy all such records and documentation as often as the **County** deems necessary during the period of the Contract and for a period of five (5) years thereafter provided, however, such activity shall be conducted only during normal business hours. The **County**, during this period of time, shall also have the right to obtain a copy of and otherwise inspect any audit made at the direction of the **Contractor** as concerns the aforesaid records and supporting documentation.

ARTICLE 20 - Unauthorized Alien(s):

20.1 The vendor agrees that unauthorized aliens shall not be employed nor utilized in the performance of the requirements of this solicitation. The County shall consider the employment or utilization of unauthorized aliens a violation of Section 274A(e) of the Immigration and Naturalization Act (8 U.S.C. 1324a). Such violation shall be cause for unilateral termination of this Agreement by the County. As part of the response to this solicitation, the successful vendor will complete and submit the attached form “Affidavit Certification Immigration Laws.”

ARTICLE 21 - EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY)

A. Unless otherwise defined herein, terms used in this Section which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.

B. Pursuant to Section 448.095(5), Florida Statutes, the contractor hereto, and any subcontractor thereof, must register with and use the E-Verify system to verify the work authorization status of all new employees of the contractor or subcontractor. The contractor acknowledges and agrees that (i) the County and the contractor may not enter into this Agreement, and the contractor may not enter into any subcontracts hereunder, unless each party to this Agreement, and each party to any subcontracts hereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security's E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of this Agreement, and the County may treat a failure to comply as a material breach of this Agreement.

*C. B*y entering into this Agreement, the contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The *contractor* shall maintain a copy of such affidavit for the duration of this Agreement. Failure to comply will lead to termination of this Agreement, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If this Agreement is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If this Agreement is terminated for a violation of Section 448.095, Fla. Stat., by the contractor, the contractor may not be awarded a public contract for a period of 1 year after the date of termination. The contractor shall be liable for any additional costs incurred by the County as a result of the termination of this Agreement. Nothing in this Section shall be construed to allow intentional discrimination of any class protected by law.

ARTICLE 22 – PERFORMANCE EVALUATION

22.1 Contractor Evaluation

22.1.1 The **Contractor's** performance should be evaluated during and after completion of the project.

ARTICLE 23 – ALLOWANCES

23.1 Allowance Work

23.1.1 When the **County** determines, at its sole discretion, that it wishes to include an Allowance in the Contract, said amount shall be included in the Contract Price, Article 2 of the Contract (Part E).

23.1.2 Allowance Work, in the amount of five percent (5%) of the awarded contractors bid or $250,000, whichever is less, may be included in the Contract Price. No individual allowance request shall be greater than $100,000 without approval of the Board of County Commissioners. The Contract Work and all Allowance Work shall be performed in full compliance with all requirements of the Contract Documents. The sum of all approved Allowance Work performed pursuant hereto shall not exceed the amount of the Allowance. When all Work has been completed under this contract any balance of the original Allowance remaining at the completion of all Work shall be deducted from the Contract Price.

23.1.3 The number of calendar days specified in the Contract for performance of the Work shall include a total time allowance of no more than 60 days or fifteen percent (15%) of the time specified at the time contract award for final completion of the project, whichever is less, for performance of Allowance Work. When all Work has been completed under this contract any time set aside for Allowance Work remaining at the completion of all Work shall be deducted from the Contract Time.

23.1.4 Upon a determination by the County Manager or his designee that certain construction work for which detailed specifications were not prepared or the scope of such work was not fully established at the time the **County** entered into a contract and upon determining that, for the purposes of expediency and efficiency, it would be in the **County's** best interest to have said work completed by the Project's **Contractor**, the County Manager or his designee will take appropriate action pursuant to the "Allowance" provision established under the Contract for the Project.

23.1.5 All changes and time for Allowance Work must be pre-approved in writing by the County Manager or his designee. Said written pre-approval shall be in the form of an Allowance Authorization Release (AAR), which shall describe in detail the Allowance Work to be performed, the price for the Allowance Work and the time, if any, allocated for performance of the Allowance Work, as well as containing the authorizing signature of the County Manager or his designee. The **Contractor** shall not be authorized to perform any Allowance Work without the required AAR.

ARTICLE 24 – ANNUAL APPROPRIATIONS

24.1 Appropriations

24.1.1 Contractor acknowledges that the County, during any fiscal year, shall not expend money, incur any liability, or enter into any agreement which, by its terms,

involves the expenditure of money in excess of the amounts budgeted or the reduction of revenues for those budgeted agreements that may be available for expenditure during such fiscal year. Any agreement, verbal or written, made in violation of this subsection is null and void, and no money may be paid on such agreement. Nothing herein contained shall prevent the making of agreements for a period exceeding one year, but any agreement so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years. Accordingly, the County's performance and obligation to pay under this agreement is contingent upon annual appropriation.

ARTICLE 25 – PUBLIC RECORDS LAW

a) The Contractor acknowledges the County's obligations under Article I, Section 24, of the Florida Constitution and under Chapter 119, Florida Statutes, to release public records to members of the public upon request and comply in the handling of the materials created under this Agreement. The Contractor further acknowledges that the constitutional and statutory provisions control over the terms of this Agreement. In association with its performance pursuant to this Agreement, the Contractor shall not release or otherwise disclose the content of any documents or information that is specifically exempt from disclosure pursuant to all applicable laws.
b) Without in any manner limiting the generality of the foregoing, to the extent applicable, the Contractor acknowledges its obligations to comply with Section 119.0701, Florida Statutes, with regard to public records, and shall:
    (1) keep and maintain public records required by the County to perform the services required under this Agreement;
    (2) upon request from the County's Custodian of Public Records or his/her designee, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
    (3) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the term of this Agreement and following completion of this Agreement if the Contractor does not transfer the records to the County; and
    (4) upon completion of this Agreement, transfer, at no cost, to the County all public records in possession of the Contractor or keep and maintain public records required by the County to perform the service. If the Contractor transfers all public records to the County upon completion of this Agreement, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of this Agreement, the Contractor shall meet all applicable

requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the County's Custodian of Public Records, in a format that is compatible with the information technology systems of the County.

c) **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE COUNTY'S CUSTODIAN OF PUBLIC RECORDS AT:**

RECORDS MANAGEMENT LIAISON OFFICER POLK COUNTY
330 WEST CHURCH ST.
BARTOW, FL 33830
TELEPHONE: (863) 534-7670
EMAIL: RMLO@POLK-COUNTY.NET

ARTICLE 26 – NO CONSTRUCTION AGAINST DRAFTER

The Parties acknowledge that this Agreement and all the terms and conditions contained herein have been fully reviewed and negotiated by the Parties. Accordingly, any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in interpreting this Agreement.

SUPPLEMENTARY CONDITIONS

Project Location:	3000 Sheffield Road, Winter Haven, FL 33880
Public Construction Bond:	Is required.
Project Time:	210 Calendar Days
Estimate of Construction cost is:	$3,995,000.00

Qualifications

1. Contractor must hold a valid State of Florida Certified Building Contractor (CBC) or General Contractor (GC) license and should provide proof of current license(s) with their bid submittal.
2. Contractor must have been in business under the same name or EIN number for a minimum of 5 years.
3. The Successful bidder must possess or purchase a Polk County Local Business Tax Receipt (f/k/a Business License) to do business with the County. A copy of such license or proof of purchase must be provided to the Procurement Division prior to award being made.
4. Contractor must provide three (3) references from clients in which the bidder has successfully completed projects similar in scope as the prime bidder, within the past five (5) years. Each reference should include:
    - Name of the client
    - Address of the client
    - Contact person to include:
    - Phone number and email address
    - Brief description of the project.
    - Project address
    - Date project completed.
    - List of all subcontractors used for project.

References should be submitted with the Bid or must be submitted by the apparent lowest responsive bidder within three (3) business days of request and prior to award. The County reserves the right to contact and verify all references provided.

Scope of Work

The construction of single story inspection and testing building 3,606 SF which includes civil, site work, concrete paving, landscaping, structural concrete, pre-finished, insulated metal panels, concrete masonry units, metal stud framing and drywall, millwork, metal roofing, metal doors and frames, interior wood doors, aluminum storefront systems, stucco, suspended ceiling systems, resilient flooring, painting, specialty items, pre-engineered metal building system, mechanical, electrical and plumbing systems, fire

protection and County vehicle parking in accordance with the specifications and drawings provided on the FTP Site.

Liquidated Damages

Liquidated damages of $200/day shall be assessed.

Calculation of Liquidated Damages

The parties hereto agree that liquidated damages, in lieu of actual damages for delay, in the amount of $200 per day, shall be assessed against the Contractor, as the County's remedy and not as a penalty, for the Contractor's failure to meet the agreed upon date of Substantial Completion as outlined within the Notice to Proceed, but only to the extent and in the proportion to Contractor's fault in causing the delay as compared to other causes, and to the extent the Contractor is not delayed by reasons beyond Contractor's reasonable control. The parties agree that such assessment of liquidated damages is reasonable and appropriate, as it would be difficult or impossible to accurately determine the number of actual damages the County would or may incur because of the Contractor's failure described above.

Should the contractor request and be granted additional time to reach Substantial Completion via change order(s), the last revised date shall be the date used to calculate the time for which liquidated damages will be assessed.

Basis of Award

Award will be made to the lowest responsive, and responsible Contractor meeting qualifications and specifications. All prices must be bid at a fair and reasonable price. The Procurement Director shall be the sole judge of what is fair and reasonable.

Percentage of Work

The Prime Bidder is not required to self-perform any portion of the work.

Acceptance:

The successful contractor shall certify that the work quantities and quality were accomplished in accordance with these specifications. Signing and submitting a request for payment will accomplish this certification.

Reworking required due to the successful contractor negligence or inadequate procedures will be the responsibility of the successful contractor. No additional payment will be due the successful contractor for the reworking of non-acceptable areas.

The successful contractor shall warrant for one year all workmanship furnished under this contract from the completion date on "Certificate of Substantial Completion". During the two year warranty period the Contractor shall correct any and all issues arising from faulty workmanship to the satisfaction of the County, upon notification.

Contractor's Responsibility
It shall be the responsibility of the Contractor to obtain adequate storage facilities for equipment, materials, tools, etc.; if such is stored on-site, unless otherwise obtained by the County.

It shall be the Contractor's responsibility to provide sanitary and drinking facilities for their employees.

It shall be the Contractor's responsibility to provide temporary power, if needed, to conduct and complete work.

The Contractor shall clean the work area of debris, trash, rubbish, etc., at the end of each workday so as not to present a hazard or public nuisance.

The Contractor shall dispose of all site demolition in accordance with state and local regulations. The Contractor shall be responsible for the cleanup of premises and removal of all discarded and surplus materials, rubbish, and removal of temporary erosion control measures after establishment of stabilization/vegetation. There will be no separate pay item for this work.

The Contractor shall furnish all labor, supervision, materials, equipment, tools, transportation and supplies required to complete the work in accordance with the construction plans, specifications, procedures and terms of this Bid.

The Contractor shall be responsible for the ways, means, and methods of construction for the project as long as they conform to all federal, state and county regulations.

All work shall be done to the satisfaction and under the supervision of the Facilities Management Representative.

Provide a temporary barrier at road driveway.

Bids shall include all materials, labor, supervision, equipment and incidentals necessary to complete the work.

Cooperation of the Successful Contractor
No work shall be accepted without suitable supervision or inspections by a Facilities Management Representative.

The Contractor shall provide superintendence throughout the project and an on-site representative at all times that has the ability to make decisions, communicate in English, or contact the superintendent to address questions, difficulties or disputes.

General Control of Materials

The successful Contractor shall furnish to the Facilities Management Project Manager or representative a certification of the materials utilized for the work. The certification shall consist of a summary showing the kind and quantity of materials. This certification shall be provided for work units accomplished at the time of invoicing for partial and/or final payment.

The successful contractor shall preserve for inspection by the Facilities Management Division invoices and records of the materials utilized in the work until such time as final acceptance and payment is made under this contract.

The County will designate areas to be utilized for equipment and material storage. Materials and supplies shall be stored in accordance with Manufacturer's recommendations and Federal, State and local regulations. Arrangements for storage shall be the responsibility of the Contractor and requires documentation of written approval by the property owner prior to project mobilization.

Notice to Proceed

A Conditional Notice to Proceed (CNTP) may be issued prior to commencement of work, for the purchase of long-lead equipment or materials. Upon receipt of conditional Notice to Proceed all materials required for construction shall be ordered.

The Notice to Proceed (NTP) will not be issued until after the Chairman of the Board of County Commissioners signs the contract and a pre-construction meeting is held. Once NTP has been issued the Contractor must begin work within ten (10) calendar days of the NTP.

Permits, Notifications and Fees:

All building permits are to be provided by the Contractor. It shall be the Contractor's responsibility to secure all building permits in Polk County and to initiate and coordinate inspections.

Bidders shall not include building permit fees in their +price. Permit fees, if any, will be reimbursed at cost to the Contractor on separate invoice.

Inspection Reports must be submitted to Polk County Facilities Management with the Application for Payment.

Pre-Construction Conference
A pre-construction conference will be held with the contractor to discuss scheduling, sequencing, preparatory work, work area protection and other details of the project. The Contractor and the County Representative will mutually agree upon a start date.

Progress Reporting
A Weekly On-site meeting will be held to report on project work completed and a one week look ahead, issues and / schedule concerns. The report will be prepared and submitted in the exhibited format attached.

Provisions for Convenience of Public
The successful contractor shall schedule their operations so as to minimize any inconvenience to adjacent businesses, residences and motoring public.

Work Schedule:
Working Days/Hours: All work shall be performed between 7:00 a.m. to 5:00 p.m., five days per week from Monday – Friday. Work after hours must be approved by Facilities Management Representative in advance. Provide for all required additional lighting during work after hours

All work under the Prime Contract must follow the starting and completion date as set forth in the "Time Schedule".

The time schedules, as outlined above, shall be strictly maintained, and adhered to and shall be used by the Contractor as a guide in preparing bids and in setting up work and delivery schedules, factor the supply of shop drawings and submittals in a timely manner.

Any overtime required by County personnel will be paid by the contractor.

Special Requirements:
REQUIRED SUBMITTALS TO BUILDING OWNER

Required Close-Out Documentation (Contractor to Provide)

a. Certificate of Substantial Completion
b. Certificate of Final Completion
c. Permitting Agencies' Approval Documentation
d. Contractor's 2 Year Workmanship Installation Warranty

e. Suppliers and subcontractor final lien releases
f. Consent of surety to final payment bond
g. Final inspections and Final Payment release
h. Final Change Order

SPECIAL CONDITIONS

The County reserves the right to direct purchase any tangible personal property item of the bid in order to save the sales tax on the selected item, which may include equipment, materials, and supplies that are components of a construction bid, but generally will purchase only major items. When the County exercises this option, the following procedures shall be used for ordering, receiving, and paying for the Owner Direct Purchase (ODP) item.

BID PRICES

The bid must include the appropriate Florida State sales tax for all components of the bid that makes up the lump sum amount submitted.

ORDERING

The items selected would be purchased directly from the suppliers the contractor used to submit their bid to the County and therefore made a part of the construction contract executed with the County.

The Contractor shall fully cooperate with the County, providing information for the preparation of County issued purchase orders for these ODP's, monitoring deliveries, and approving invoices.

Following receipt of a sales tax savings form, the Contractors requisition from the supplier and the suppliers quote to the Contractor, the County will issue a purchase order to the supplier for the item selected for ODP to be delivered to the project site. The approved purchase order will be sent to the supplier and the Contractor. The Contractor shall verify that the purchase order was issued correctly. A separate sales tax savings form and a separate purchase order shall be used for each item selected for ODP.

After the County has affirmed that the items contained in the purchase order meets the exemption requirements contained in Section 212.08(6), Florida Statute, and Rule 12A-1.094, Florida Administration Code, the County will issue a Certificate of Entitlement. A Certificate of Entitlement will be issued with each purchase order for each ODP. The original Certificate of Entitlement accompanied by the County approved purchase order, the Contractors requisition to the supplier and the suppliers quote for the selected ODP item will be placed on file with the Florida Department of Revenue. The Contractor and supplier will be issued copies from the County.

EXPEDITING

The Contractor shall be responsible for expediting delivery to ensure that ODP item(s) is received on time to maintain the construction schedule.

RECEIPT

The Contractor shall sign for and receive all materials; and retain packing slips and delivery tickets for all materials delivered for the project. The Contractor shall be responsible for receiving, warranting, ensuring the proper installation and operation of all materials and equipment required for the project, including all ODP items.

BILLINGS/PAYMENTS

All ODP's shall be billed to the County in care of the Contractor.

The Contractor shall check all invoices for accuracy and completeness when received. The Contractor shall be responsible for immediately notifying the supplier of any billing errors and requesting corrected invoices as necessary.

Receipts and invoices must be processed in a timely manner in order to take advantage of any discount payment terms and all discounts shall accrue to the County.

The Contractor shall prepare a direct purchase report for the County upon submittal of each pay request.

OTHER CONSIDERATIONS

The County shall have title to all items of which any payment has been made under these provisions.

The selection of ODP for any item contained within the bid does not relieve the Contractor from liability for that item as it may be related to the quantity ordered, condition, the maintenance and care of the item when delivered, installation, incorporation of the item for its intended use in the work to be performed, and warranty of the item in accordance with the contract documents. The Contractor shall maintain products liability insurance, which shall include ODP items, as required for the normal practice of general contracting.

The County shall have access to all necessary records in order to conduct audits to determine the correctness and accuracy of any item purchased in accordance with these provisions.

REDUCTION

The Contract will be reduced via deductive change order by the amount of all items selected by the County for the ODP's. The deductive change order will require Division Director Approval.

SALES TAX SAVINGS FORM

CONTRACT # _____

DESCRIPTION OF PROJECT _____

Materials	(1) Amt. in Contract	(2) Sales Tax	(3) Net Amt. for Purchase

1) This is the amount to be deducted from contract by change order.

2) The amount of the sales tax included in the material purchase line item supplied by contractor.

3) The amount to be used by Procurement to make the material purchase per the contractor's stated quantities.

PART C – BID SHEETS AND ACKNOWLEDGEMENT FORM (Lump Sum Price)
NAME OF PROJECT: Bid 25-614, Construction of a New Inspection & Testing Building

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid Submittal as principal or principals is or are named herein and that no other person that herein mentioned has any interest in this Submittal or in the Contract to be entered into; that this Submittal is made without any connection with any other person, company or parties making a Bid Submittal; and that the Submittal is, in all respects, fair and made in good faith, without collusion or fraud.

The bidder further declares that they have examined the site of the Work and informed themselves fully in regard to all conditions pertaining to the place where the work is to be done; that they have examined the Plans and Specifications for Work and Contractual Documents relative thereto; that they have read all special provisions furnished prior to the opening of Bids; and that they have satisfied themselves relative to the work to be performed.

The Bidder proposes and agrees, if this Bid Submittal is accepted, to contract with the County in the form of Contract specified; and to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the Work.

ALL THE FOLLOWING REQUESTED INFORMATION MUST BE

HEREUPON GIVEN FOR THIS BID SUBMITTAL TO BE

CONSIDERED BY THE COUNTY

1. BID PRICE $ _____

WRITTEN AMOUNT (SPELL OUT) _____DOLLARS

_____ CENTS

(lump sum price for completing all required work in strict accordance with the requirements specified in the Bid Package)

2. CONTRACT TIME TO COMPLETION OF THIS PROJECT **210** CALENDAR DAYS FOR FINAL COMPLETION

NAME OF BIDDER _____
(type or printed firm, corporation, business or individual)

CONTRACTOR'S LICENSE NUMBER **(Copy of License Attached)**

_____ _____
State Certification Number Individual's Name (Print or Type)

_____ _____
Polk County Registration Number Individual's Name (Print or Type)

_____ _____
Polk County Business Receipt Tax (Business License) Company Name (Print or Type)

ADDENDUM RECEIPT
Bidder shall acknowledge below the receipt of any and all Addenda, if any, to the Plans and Specifications, listing the Addenda by number and date.

Addendum No. _____ Date _____

Addendum No. _____ Date _____

Addendum No. _____ Date_____

We understand all requirements and state that as a legitimate bidder we will comply with all the stipulations included in the bid package.

Submittal Date _____
(Bid Receiving Date)

BIDDER: _____

BY: _____
(Authorized Signature – in ink)

_____
(Printed Name of Signer)

_____
(Printed Title of Signer)

_____ _____ ____ _____
Address City State Zip Code

_____
Telephone Number
Email Address _____

ACKNOWLEDGEMENT OF CONTRACTOR, IF A CORPORATION

STATE OF _____ COUNTY OF _____The foregoing instrument was acknowledged before me by means of __ physical presence or __ online notarization this_____ day of _____ 202__, by _____(name) as _____title of officer) of_____(entity name), on behalf of the company, who __ is personally known to me or __ has produced _____ as identification.

Notary Public Signature:_____

Printed Name of Notary Public:_____

Notary Commission Number and Expiration:_____

(AFFIX NOTARY SEAL)

ACKNOWLEDGEMENT OF CONTRACTOR, IF A LIMITED LIABILITY COMPANY

STATE OF _____ COUNTY OF _____The foregoing instrument was acknowledged before me by means of __ physical presence or __ online notarization this_____ day of _____ 202__, by _____(name) as _____(title of officer) of the Company, pursuant to the powers conferred_____(entity name), on behalf of the company, who __ is personally known to me or __ has produced _____ as identification.

Notary Public Signature:_____

Printed Name of Notary Public:_____

Notary Commission Number and Expiration:_____

(AFFIX NOTARY SEAL)

ACKNOWLEDGEMENT OF FIRM, IF AN INDIVIDUAL

STATE OF _____ County OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization this_____(Date) By _____ (Name of acknowledging) who personally appeared before me at the time of notarization, and ☐ is personally known to me or ☐ has produced_____ as identification and did certify to have knowledge of the matters in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____(Date) _____ (Official Notary Signature and Notary Seal)
_____ (Name of Notary typed, printed or stamped)

Commission Number _____ Commission Expiration Date _____

PART D – EXHIBITS

PART D – EXHIBITS

EXHIBIT I: BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____(hereinafter called the Principal) and _____(hereinafter called the Surety), a Corporation chartered and existing under the Laws of the State of _____,and authorized to do business in the State of Florida, are held and firmly bound unto Polk County, a political subdivision of the State of Florida, in the full and just sum of _____dollars ($_____) good and lawful money of the United States of America, to be paid upon demand of the County, to which payment will and truly be made, we bind ourselves, our heirs, executors, administrators, successors, and assigned jointly and severally and firmly by these presents.

WHEREAS, the Principal is about to submit, or has submitted to the County, a Bid Submittal for the purpose of Bid 25-614, Construction of a New Inspection & Testing Building.

NOW THEREFORE, the conditions of this obligation are such if the Bid Submittal is accepted and recommended for award of a contract, the Principal shall, execute a satisfactory contract documents including an executed Public Construction Bond payable to County, in the amount of 100 percent (100%) of the total Contract Price, in form and with surety satisfactory to said County, then this obligation to be void, otherwise to be and remaining full force and virtue in law, and the surety shall, upon failure of the Principal to comply with any or all of the foregoing requirements, immediately pay to the aforesaid County, upon demand, the amount of this Bond, in good and lawful money of the United States of America, not as a penalty, but as liquidated damages.

In the event the numerical expression is omitted or expressed as less than five percent (5%) of the total bid price, this figure shall be assumed to be erroneously stated and this bid bond shall be binding upon the Principal and Surety in the amount of five percent (5%) of the total bid price.

IN TESTIMONY THEREOF, the Principal and Surety have caused these presents to be duly signed and sealed this _____day of _____ 20___.

ATTEST:

PRINCIPAL: _____

BY: _____ (SEAL)
Authorized Signature (Principal)

_____
Witness

_____
Witness

_____
Printed Name

_____
Title of Person Signing Above

ATTEST:

SURETY: _____
Printed Name

_____
Witness

BY: _____ (SEAL)
Attorney in Fact

_____
Witness

_____
Printed Name

_____
Business Address

NOTES:

1. Write in the dollar amount of the bond which must be at least five percent (5%) of the amount Bid included in the Submittal.

2. All bonds signed by an agent must be accompanied by a certified copy of such agent's authority to act.

Attorneys-in-fact who sign Bid Bonds or Contract Bonds must file with each bond a certified and effectively dated copy of their power of attorney.

EXHIBIT II: PUBLIC CONSTRUCTION BOND

FRONT PAGE
F.S. CHAPTER 255.05

BOND NO.: _____

CONTRACTOR NAME: _____

CONTRACTOR ADDRESS: _____

CONTRACTOR PHONE NO: _____

SURETY COMPANY: _____

_____

_____

OWNER NAME: Polk County, a political subdivision of the State of Florida
OWNER ADDRESS: 330 W. Church St
Bartow, FL 33830
OWNER PHONE NO: (863) 534-6757

OBLIGEE NAME: (if contracting entity is different from the owner, the contracting public entity) _____

OBLIGEE ADDRESS: _____

OBLIGEE PHONE NO: _____

BOND AMOUNT: $_____

CONTRACT NUMBER: _____

GENERAL DESCRIPTION OF PROJECT: _____

_____

_____

PROJECT LOCATION: _____

EXHIBIT II (cont'd): PUBLIC CONSTRUCTION BOND

KNOW ALL MEN BY THESE PRESENTS: That _____, as Principal, and _____, as Surety, located at _____

_____, (Business Address) are held and firmly bound unto Polk County, a political subdivision of the State of Florida, as Obligee in the sum of $_____) in lawful currency of the United States, for the payment whereof we bind ourselves, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the Contract executed between Principal and County for construction of the Contract being made a part of this bond by reference, at the times and in the manner prescribed in the Contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.05(1) Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided in the Contract; and
3. Pays County all losses, damages, expenses, costs, liquidated damages, and attorney fees, including appellate proceedings, that County sustains because of a default by Principal under the Contract; and
4. Performs the guarantee of all work and materials furnished under the Contract for the time specified in the Contract, then this bond is void, otherwise it remains in full force.

Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes.

Any changes in or under the Contract Documents and compliance or non-compliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this bond.

Reference is hereby made to Section 255.05 Florida Statutes, and to the notice and time limitation provisions thereof:

IN WITNESS WHEREOF, this instrument is executed this _____day of _____, 20__.

ATTEST:

PRINCIPAL: _____

BY: _____ (SEAL)
Authorized Signature (Principal)

_____
Witness

_____
Witness

_____
Printed Name

_____
Title of Person Signing Above

ATTEST:

SURETY: _____
Printed Name

_____
Witness

BY: _____ (SEAL)
Attorney in Fact

_____
Witness

_____
Printed Name

_____
Business Address

_____

EXHIBIT III: PAYMENT OF STORED MATERIALS

As regards payment for stored materials on Bid # 25-614, and the inclusion by _____(Principal) in Applications for Payment to Polk County, a political subdivision of the State of Florida (County) without evidence that those stored materials have been paid for by Principal, Surety hereby pledges:

AS TO THE PERFORMANCE BOND:

Surety acknowledges that materials will be stored on site or at a site agreeable to the County for use or incorporation in the project referenced herein. Surety agrees to remain obligated under the Performance Bond for the failure or default by Principal for any reason to timely use or incorporate the materials in the project. This certification applies to both the materials and associated labor with respect to Principal's obligation to timely complete the project according to the contract specifications.

AS TO THE LABOR AND MATERIALS PAYMENT BOND:

Surety acknowledges that materials will be stored on site or at a site agreeable to the County for use or incorporation in the project referenced herein. Surety agrees to remain obligated under the Labor and Materials Payment Bond to ensure that all materialmen, laborers, suppliers, and subcontractors having claims or disputes pertaining to the procurement and properly authorized storage of these materials are promptly paid by Principal.

Entered into this _____ day of _____, 20__, by _____

_____ (Name of Surety)

_____

Authorized signature of Surety

EXHIBIT IV: NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

State of _____)
SS
County of _____)
_____, being first duly sworn, deposes and says that:

1. They are _____ of _____, the Bidder that has submitted the attached Bid;
2. They are fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstance respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidders nor any of their officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with such Contract or has in any manner, directly or indirectly, sought by agreement or collusion of communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid of any other Bidder, or to fix any overhead, profit or cost element of the Bid Price or the Bid Price of any other Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against Polk County, a political subdivision of the State of Florida (County) or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signature:_____ Title: _____
STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization, this _____ day of _____, 202__, by _____(*name*) as _____ (*title of officer*) of _____ (*entity name*), on behalf of the company, who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

EXHIBIT V: NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

The Contractor shall not execute any agreement with any subcontractor or permit any subcontractor to perform any work included in this Contract until he has submitted a non-collusion affidavit from the subcontractor in substantially the form shown below and has received written approval of subcontractor from Polk County, a political subdivision of the State of Florida (County).

This form must be signed by an authorized signatory of the company.

State of _____)

SS

County of _____)

_____, being first duly sworn, deposes and says that:

1. They are _____ of _____ , hereafter referred to as the Subcontractor;
   They are fully informed respecting the preparation and contents of subcontractor's Bid Submittal submitted by the subcontractor to _____ the Contractor for certain work in connection with Bid: 25-614, Construction of new Construction and Testing Building.
2. Such subcontractor's Bid Submittal is genuine and is not a collusive or sham submittal;
3. Neither the subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid Submittal in connection with such Contract or to refrain from submitting a Bid Submittal in connection with such Contract, or has in any manner, directly or indirectly, sought by unlawful agreement or connivance with any other Bidder, firm or person to fix the price or prices in said subcontractor's Bid Submittal or secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County or any person interested in the proposed Contract; and
4. The price or prices quoted in the subcontractor's Bid Submittal are fair and proper and not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of their agents, representatives, owners, employees or parties in interest, including this affiant.

Signed_____

Title _____

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization, this _____ day of _____, 202__, by _____(*name*) as _____ (*title of officer*) of _____ (*entity name*), on behalf of the company, who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

EXHIBIT VI: AFFIDAVIT OF PERCENTAGE OF WORK

By signing below, the bidder:

- Is certifying that they will be performing, with their own organization, the percentage of work required under the Supplemental Conditions of the contract documents for Bid # _25-614_
- Understands that during Bid Analysis they will be required to submit a spreadsheet (Exhibit VI-A) listing the complete breakdown of the bid price submitted by area of work. The list must include the division of work being performed, the name of the contractor performing that area of work, the WMBE classification of the contractor, the dollar amount of the work, and the percentage of the total bid price for each division of work. An updated copy will be required at contract close-out, detailing exact dollar figures paid to each subcontractor performing work under this contract.
- Acknowledges that no changes to sub-contractors used will be allowed after submittal unless otherwise approved by the Procurement Director. Any prime contractor that defaults on this requirement may be suspended as allowed within the Procurement Procedures.
- If the percentage of work proposed to be completed by the prime is not equal to, or more than, the amount required, the bid will be considered to be non-responsive.

Bidder must sign and have notarized:

The undersigned Bidder hereby certifies that they fully understand the provisions as stated above and will comply.

Dated this _____day of _____, 20___

Name of Firm _____

By _____

_____
Title of Person Signing

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization, this _____ day of _____, 202__, by _____(*name*) as _____ (*title of officer*) of _____ (*entity name*), on behalf of the company, who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

EXHIBIT VI-A: SUBCONTRACTOR LIST

This Exhibit is in an Excel spreadsheet format and available on the FTP site. If you need assistance accessing FTP site due to ADA or any other reason, please email Tabatha Shirah at tabathashirah@polk-county.net**.**

EXHIBIT VI-B: GOOD FAITH EFFORT DOCUMENTATION

The following is provided for the bidder to use in conjunction with the Good Faith Effort requirement in Section 20.0 of the Invitation for Bid. For your convenience to supplement your own subcontractor/supplier database, we direct you to https://vcl.polk.one/vendordirectory, for additional names. Please list the company's names and the result of your contact for each subcontractor solicited. Suppliers can be listed in the blank spaces at the bottom of the page.

	Division of Work	Results of Good Faith Effort
1.		
2.		
3.		
4.		
5.		

EXHIBIT VII: TRENCH SAFETY ACT COMPLIANCE

General:

1. The Contractor shall comply with the Florida Trench Safety Act (90-96), Laws of FL.) Effective October 1, 1990.

2. The Contractor(s) performing trench safety excavation on this Contract shall comply with the Occupational Safety and Health Administration's (OSHA) trench excavation safety standards, 29 CFR's 1926.650, Subpart P, including all subsequent revisions or updates to these standards as adopted by the Department of Labor and Employment Security (DLES).

3. By submission of his bid and subsequent execution of this Contract, the Contractor certifies that all trench excavation done within his control shall be accomplished in strict adherence with OSHA trench safety standards contacted 29 CFR's 1926.650, Subpart P, including all subsequent revisions or updates to these standards as adopted by the Department of Labor and Employment Security.

4. The Contractor also agrees that he has obtained or will obtain identical certification from his proposed Subcontractors that will perform trench excavation prior to award of the subcontracts and that he will retain such certifications in his files for a period of not less than three years following final acceptance.

5. The Contractor shall consider all available geotechnical information in his design of the trench excavation safety system.

6. Inspections may be conducted by the County and the County's Safety Officer. Serious deficiencies will be corrected on the spot or the job may be closed. Imminent danger citing will result in the immediate cessation of work. Work will resume when the danger is corrected.

7. Bidder acknowledges that included in the various items of the proposal and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96), Laws of FL) effective October 1, 1990. The bidder further identifies the costs to be summarized as follows:

Trench Safety Measure (Description)	Units of Measure (LF, SY)	Unit (QTY)	Unit Cost	Extended Cost
A. _____	_____	_____	$_____	$
B. _____	_____	_____	$_____	$
C. _____	_____	_____	$_____	$
D. _____	_____	_____	$_____	$
			Total	$

Failure to complete the above may result in the bid being declared non-responsive.

EXHIBIT VIII: EQUAL EMPLOYMENT OPPORTUNITY

Polk County, a political subdivision of the State of Florida (County), is an Equal Opportunity/Affirmative Action Employer.

Pursuant to Executive Order 11246 as amended, you are advised that under the provisions of government contracting, contractors and subcontractors are obliged to take affirmative action to provide equal employment opportunity without regard to race, creed, color, national origin, age or sex.

We are committed to equal opportunity employment effort and expect firms that do business with the County to have a vigorous affirmative action program.

CERTIFICATION BY PROPOSED PRIME OR SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY

This certification is authorized pursuant to Executive Order 11246, Part II, Section 203(b), (30 F.R. 12319-15). Any Bidder or prospective contractor, or any of the proposed subcontractors, shall state as an initial part of the Bid or negotiations of the Contract whether it has participated in any previous Contract or subcontract to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicated that the prime or subcontractor has not filed a compliance report due under applicable instruction, such Contractor shall be required to submit a compliance report.

Contractor's Name: _____

Address: _____

_____

1. Bidder has participated in a previous contract or subcontract, subject to the Equal Opportunity Clause:
   YES_____ NO____
2. Compliance Reports were required to be filed in connection with such Contract or subcontract:
   YES____ NO___
3. Bidder has filed all compliance reports due under applicable instructions:
   YES_____ NO_____
4. If answer to Item 3 is No, please explain in detail on reverse side of this certification.
   YES_____ NO____

The Bidder certifies that they do not maintain or provide for their employees any segregated facilities at any of their establishments, and that they do not permit their employees to perform their services at any location under their control where segregated facilities are maintained. The Bidder certifies further that they will not maintain or provide for their employees any segregated facilities at any of their establishments, and that they will not permit their employees to perform their services at any location under their control where segregated facilities are maintained. The Bidder agrees that a breach of this certification will be a violation of the Equal Opportunity clause in any contract resulting from acceptance of this Bid. As used in this certification, the term (segregated facilities" means any waiting rooms, work areas, restrooms, washrooms, restaurants, other eating areas, time clocks, locker rooms, storage areas, dressing areas, parking lots, drinking fountains, recreation/entertainment areas, transportation and housing facilities provided for employees which are segregate by explicit directive or are, in fact, segregated on the basis of race, color, religion or national origin, because of habit, local custom or otherwise. The Bidder agrees that (except where they have obtained identical certification from proposed subcontractors for specific time periods) they will obtain identical certification from proposed Subcontractors prior to the award of subcontracts exceeding $10,000 which are not exempt from the provision of the Equal Opportunity clause; and that they will retain such certifications in their files.

Certification – The information above is true and complete to the best of my knowledge and belief. (A willfully false statement is punishable by law – U.S. Code, Title 18, Section 1001.)

_____
Printed Name

_____
Title

_____
Signature

_____
Date

EXHIBIT IX: DRUG-FREE WORKPLACE FORM

The undersigned Bidder in accordance with Florida Statute 287.087 hereby certifies that_____does:
(Name of Business)

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs; and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (a).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 1892 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on or require the satisfactory participation in a drug abuse assistance or rehabilitation program, if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

_____
Bidders Signature

_____
Date

EXHIBIT X: SAFETY REQUIREMENTS/REGULATIONS FORM

Bidder must sign and have notarized:

The undersigned Bidder hereby certifies that they fully understand the safety requirements/regulation provisions as stated in General Conditions 7.11 and will comply.

Dated this _____ Day of _____ 20___

Name of Firm: _____

By: _____
Title of Person Signing

This foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization, this _____ day of _____, 202__, by _____(*name*) as _____ (*title of officer*) of _____ (*entity name*), on behalf of the company, who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

EXHIBIT XI: APPLICATION FOR PAYMENT

This Exhibit is in an Excel spreadsheet format and available on the FTP site. If you need assistance accessing FTP site due to ADA or any other reason, please email Tabatha Shirah at tabathashirah@polk-county.net

EXHIBIT XII: CONTRACTOR CERTIFICATION OF DISBURSEMENT

PROJECT: Bid 25-614, Construction of a New Inspection & Testing Building

DATE:_____

CONTRACT NO._____
PROGRESS PAYMENT NUMBER:_____

_____, Contractor for the above referenced Contract, hereby certifies that all Subcontractors and Suppliers, except for those noted below, have received their pro rata share of all previous progress payments made to date by Polk County, a political subdivision of the State of Florida (County), for all the labor, work, materials and equipment furnished under the Contract. The terms "Subcontractor" and "Supplier" have the meaning defined in Part B of the Contract Documents.

EXCEPTION:

The following Subcontractors and Suppliers have not yet been paid their respective pro rata share of previous progress payments. A copy of the notification sent to each Subcontractor or Supplier explaining the good cause why payment has not yet been made is attached to this form.

_____	_____
Subcontractor or Supplier Name	**Subcontractor or Supplier Name**
_____	_____
Street Address	**Street Address**
_____	_____
City, State and Zip	**City, State and Zip**

A false statement or omission made in connection with this Certification is sufficient cause for suspension, revocation, or denial of qualification to bid, and a determination of non-responsibility, and may subject the person and/or entity making the false statement to all applicable civil and criminal penalties.

_____ (Contractor Signature)

State of_____

County of _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization, this _____day of _____, 202__, by _____ (Print name of authorized person signing Certification), who ☐ is personally known to me or ☐ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____ (AFFIX NOTARY SEAL)

Instructions:

1. Attach a copy of each good cause notification referenced above that has been sent to each Subcontractor and Supplier listed on this Certification.

2. Attach a list of all Subcontractors and Suppliers that have not yet been paid their proportionate share of any other progress payments previously received by the Contractor stating the date the Contractor first reported the nonpayment and the status of resolving the payment issue.

3. To be acceptable, this Certification must be executed by an officer or director with the authority to bind the Contractor and must be properly notarized.

4. This Certification must be submitted to the Professional with the Application for Payment for the requested Progress Payment.

5. A separate Certification is required for each Contract the Contractor has with the County.

EXHIBIT XIII: CERTIFICATE OF SUBSTANTIAL COMPLETION

Project:_____ County's Project No.: _____

Contractor No.: _____ Contract Date: _____

Notice to Proceed Date: _____ Completion Date: _____

The Work to which this Certificate applies has been inspected by the authorized representatives of Polk County, a political subdivision of the State of Florida (County), Contractor and Professional, and that Work is hereby declared to be substantially complete in accordance with the Contract Documents on _____.This Certificate of Substantial Completion applies to all Work or a specified portion thereof under the Contract Documents. The warranty period shall begin on the date as established herein.

A list of items to be completed and corrected is attached hereto for final completion of Contract requirements. This list may not be all-inclusive; and the failure to include an item on it does not alter the responsibility of the Contractor to complete all the Work in accordance with the Contract Documents. The items on the list shall be completed or corrected by the Contractor within _____ calendar days of the above date of substantial completion.

This Certificate does not constitute an acceptance of the Work that has not been completed in accordance with the Contract Documents; nor is it a release of Contractor's obligations to complete the Work in accordance with the Contract Documents. Signatories agree the project is substantially complete as of the date established herein and that the project can and will function as intended and that the attached list represents deficient items requiring correction/completion prior to final completion and that this list may be amended by the Professional or County to add any other items to bring the Work in compliance with the Contract Documents. If the list is amended a reasonable time shall be given to complete the items added.

Contractor: _____
(Type Company Name)

By: _____
(Authorized Signature)

_____
(Typed Name & Title)

Date: _____

Professional: _____
(Authorized Signature)

Date: _____

County: _____
(Typed Name of Division)

By: _____
(Authorized Signature)

Date: _____

EXHIBIT XIV: CERTIFICATE OF FINAL COMPLETION

Project:_____ County's Project No.: _____

Contract No.: _____ Contract Date: _____

Notice to Proceed Date: _____ Substantial Completion Date:_____

The Work to which this Certificate applies has been inspected by the authorized representatives of the County, Contractor and Professional; and that Work is hereby declared to be finally complete in accordance with the Contract Documents on _____. This Certificate of Final Completion applies to all Work under the Contract Documents.

All punch list items have been completed and corrected for compliance with Contract Documents. This Certificate constitutes acceptance of Work as specified and intended in the Contract Documents. Contractor retains responsibility and obligation to the County for Warranty Work arising after admission and acceptance of final completion. Signatories agree the project is finally complete as of the date of signature such that the project is in complete compliance with Contract Documents and authorized Change Orders.

Contractor: _____
(Type Company Name)

By: _____
(Authorized Signature)

_____
(Typed Name & Title)

Date: _____

Professional: _____
(Authorized Signature)

Date: _____

County: _____
(Typed Name of Division)

By: _____
(Authorized Signature)

Date: _____

EXHIBIT XV: MATERIALS AND EQUIPMENT STORED ON-SITE

Contractor's Estimate No. _____ Project _____

Period _____ to _____ Page _____ of _____

Prepared (signed & typed name) _____

Item No.	Item Description	Invoice Value Last Period	Invoice Value For Material Installed (-)	Invoice Value For Material Delivered (+)	Invoice Value This Period
TOTAL:					

EXHIBIT XVI
ALLOWANCE AUTHORIZATION RELEASE (AAR)

PROJECT:

AAR NO.:
CONTRACT NO.:

POLK COUNTY,
A POLITICAL SUBDIVISION OF
THE STATE OF FLORIDA

CONTRACTOR:

ARCHITECT/ENGINEER:

DESCRIPTION OF

ALLOWANCE WORK:

Reason for change:

***Not valid until signed by the County, Architect/Engineer and Contractor.**

Amount of Allowance Authorization included in this Contract is .....$
Amount of Allowance Authorization used to date.....$
Amount of Allowance Authorization used this AAR.....$
Balance of remaining AAR.....$

Original Contract Time..... _____ days
Amount of the Allowance Authorization time included in this Contract is..... _____ days
Amount of Allowance Authorization time used to date ..... _____ days
Amount of Allowance Authorization time used this AAR ..... _____ days
Balance of remaining Allowance Authorization Time is..... _____ days
Date of substantial completion therefore is..... _____ days

(THE TOTAL ORIGINAL CONTRACT AMOUNT REMAINS UNCHANGED)

CONTRACTOR: _____

Date: _____

COUNTY: _____
Division Director

Date: _____

ARCHITECT/ENGINEER: _____

Date: _____

COUNTY MANAGER:
Or Deputy County Manager

Date:

AAR's less than $50,000.00 require County Manager or designee approval
AAR's over $50,000.00 but less than $100,000.00 require County Manager approval
AAR's over $100,000.00 require Board approval

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE: _____
OF FLORIDA **CHAIRMAN**

Date: _____

EXHIBIT XVII: CHANGE ORDER

Project: **Contract No.:** **Change Order No:**

Polk County, a political subdivision of the State of Florida

Contractor:

Architect/Engineer:

Description of Change Order:

Contract is changed as follows:

Architect/Engineer:_____(Signature) Date:_____

Original Contract Sum:	$
Net change by previously authorized Change Order	$
Contract Sum prior to this Change Order	$
Contract Sum will be increased/decreased by this Chang Order in the amount of	$
New Contract Sum including this Change Order will be	$

Contract Time will be increased by _____ days.

Date of Substantial Completion as of the date of this Change Order therefore is _____.

The above changes are accepted by:

Contractor:_____ Date:_____

You are hereby authorized to make the changes noted above:

Division Director:_____ Date:_____

Reviewed as to form and legal sufficiency:

_____ _____

County Attorney's Office Date County Manager/Designee Date

(Change order increases require Board approval)

Attest: STACY M. BUTTERFIELD, CLERK

Polk County, a political subdivision of the State of Florida

By: _____ By: _____

Deputy Clerk _____, Chairman

Board of County Commissioners

Date Signed by Chairman: _____

EXHIBT XVIII: CERTIFICATE OF COMPLIANCE

In accordance with Florida Statutes, Chapter 440, the General Contractor hereby states that for projects $250,000.00 or more, all subcontractors employed to work have workers' compensation insurance in place.

Bid # ____Bid 25-614___

_____ _____

Contractor Signature

_____

Printed Name of Signer

_____

Date

EXHIBIT XIX: CERTIFICATION IMMIGRATION LAWS

Bid 25-614, Construction of New Inspection and Testing Building

POLK COUNTY WILL NOT INTENTIONALLY AWARD COUNTY CONTRACTS TO ANY CONTRACTOR WHO KNOWINGLY EMPLOYS UNAUTHORIZED ALIEN WORKERS, CONSTITUTING A VIOLATION OF THE EMPLOYMENT PROVISIONS CONTAINED IN 8 U.S.C. SECTION 1324 A(E) {SECTION 274A(E) OF THE IMMIGRATION AND NATIONALITY ACT ("INA")}.

POLK COUNTY MAY CONSIDER THE EMPLOYMENT BY ANY CONTRACTOR OF UNAUTHORIZED ALIENS A VIOLATION OF SECTION 274A(E) OF THE INA. SUCH VIOLATION OF THE RECIPIENT OF THE EMPLOYMENT PROVISIONS CONTAINED IN 274A(E) OF THE INA SHALL BE GROUNDS FOR UNILATERAL CANCELLATION OF THE CONTRACT BY POLK COUNTY.

BIDDER ATTEST THAT THEY ARE FULLY COMPLIANT WITH ALL APPLICABLE IMMIGRATION LAWS (SPECIFICALLY TO THE 1986 IMMIGRATION ACT AND SUBSEQUENT AMENDMENTS).

Company Name: _____

Signature: _____

Title: _____

Date: _____

State of: _____

County of: _____

The foregoing instrument was acknowledged before me by means of __ physical presence or __ online notarization, this _____ day of _____, 20__, by _____(name) as _____ (title of officer) of _____ (entity name), on behalf of the company, who __ is personally known to me or __ has produced _____ as identification.

Notary Public Signature: _____

Printed Name of Notary Public: _____

Notary Commission Number and Expiration: _____

(AFFIX NOTARY SEAL)

EXHIBIT XX: STATEMENT OF NO BID

If submitting a “NO BID”, Bidder shall return this form to Polk County, a political subdivision of the State of Florida, Procurement Division, 330 West Church Street, Room 150, Bartow, Florida 33830.

We have declined to bid on Contract Bid File: 25-614, Construction of New Inspection and Testing Building for the following reasons:

_____ Specifications too “restrictive” i.e., geared toward one brand of manufacturer (please explain below).

_____ Insufficient time to respond to invitation for bid.

_____ We do not offer this product or service.

_____ Our schedule would not permit us to perform.

_____ Unable to meet specifications.

_____ Unable to meet bond or insurance requirements.

_____ Specifications unclear (please explain below).

_____ Other (please specify)._____

_____

We understand that if the “No Bid” form is not executed and returned, our name may be deleted from the list of qualified bidders for the County for further projects.

_____
Typed Name and Title

_____
Signature

_____
Company

_____
Address

_____
Telephone Number

_____
Date

EXHIBIT XXI: SCRUTINIZED COMPANIES CERTIFICATION FORM

Florida Statutes, Section 287.135)

SOLICITATION NO.: Bid: __25-614_

PROJECT NAME: _____

The undersigned, as _____ of _____(the "Contractor"), a Florida corporation, hereby certifies the following to Polk County, a political subdivision of the State of Florida, by and on behalf of the Contractor in accordance with the requirements of Section 287.135, Florida Statutes:

i. The Contractor is not on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, nor is the Contractor engaged in a boycott of Israel, nor was the Contractor on such List or engaged in such a boycott at the time it submitted its bid to the County with respect to the Contract.

ii. Additionally, if the value of the goods or services acquired under the Contract are greater than or equal to One Million Dollars ($1,000,000), then the Contractor further certifies to the County as follows:
   a. the Contractor is not on the Scrutinized Companies with Activities in Sudan List, created pursuant to Section 215.473, Florida Statutes; and
   b. the Contractor is not on the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; and
   c. the Contractor is not engaged in business operations (as that term is defined in Florida Statutes, Section 287.135) in Cuba or Syria; and
   d. the Contractor was not on any of the Lists referenced in this subsection (ii), nor engaged in business operations in Cuba or Syria when it submitted its bid to the County with respect to the Contract.

iii. The Contractor is fully aware of the penalties that may be imposed upon the Contractor for submitting a false certification to the County regarding the foregoing matters.

iv. The Contractor hereby acknowledges that, in addition to any other termination rights stated in the Contract, the County may immediately terminate the Contract upon the occurrence of any of the following events:
   a. the Contractor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection (i) above, or the Contractor is found to have been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel; or
   b. the Contractor is found to have submitted a false certification to the County with respect to any of the matters set forth in subsection (ii) above, or the Contractor is found to have been placed on the Scrutinized Companies with Activities in Sudan List, or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or has been engaged in business operations in Cuba or Syria, and the value of the goods or services acquired under this Contract are greater than or equal to One Million Dollars ($1,000,000).

ATTEST: _____

a_____ _____

By: _____ By: _____

PRINTED NAME: _____ PRINTED NAME: _____

Its:_____ Its: _____

EXHIBIT XXII EMPLOYMENT ELIGIBILITY VERIFICATION (E-VERIFY) CERTIFICATION
(Florida Statutes, Section 448.095)

PROJECT NAME: Construction of New Inspection & Testing Building

The undersigned, as an authorized officer of the contractor identified below (the "Contractor"), having full knowledge of the statements contained herein, hereby certifies to Polk County, a political subdivision of the State of Florida (the "County"), by and on behalf of the Contractor in accordance with the requirements of Section 448.095, Florida Statutes, as related to the contract entered into by and between the Contractor and the County on or about the date hereof, whereby the Contractor will provide labor, supplies, or services to the County in exchange for salary, wages, or other remuneration (the "Contract"), as follows:

1. Unless otherwise defined herein, terms used in this Certification which are defined in Section 448.095, Florida Statutes, as may be amended from time to time, shall have the meaning ascribed in said statute.

2. Pursuant to Section 448.095(5), Florida Statutes, the Contractor, and any subcontractor under the Contract, must register with and use the E-Verify system to verify the work authorization status of all new employees of the Contractor or subcontractor. The Contractor acknowledges and agrees that (i) the County and the Contractor may not enter into the Contract, and the Contractor may not enter into any subcontracts thereunder, unless each party to the Contract, and each party to any subcontracts thereunder, registers with and uses the E-Verify system; and (ii) use of the U.S. Department of Homeland Security's E-Verify System and compliance with all other terms of this Certification and Section 448.095, Fla. Stat., is an express condition of the Contract, and the County may treat a failure to comply as a material breach of the Contract.

3. By entering into the Contract, the Contractor becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the Contract. Failure to comply will lead to termination of the Contract, or if a subcontractor knowingly violates the statute or Section 448.09(1), Fla. Stat., the subcontract must be terminated immediately. If the Contract is terminated pursuant to Section 448.095, Fla. Stat., such termination is not a breach of contract and may not be considered as such. Any challenge to termination under this provision must be filed in the Tenth Judicial Circuit Court of Florida no later than 20 calendar days after the date of termination. If the Contract is terminated for a violation of Section 448.095, Fla. Stat., by the Contractor, the Contractor may not be awarded a public contract for a period of 1 year after the date of termination. The Contractor shall be liable for any additional costs incurred by the County as a result of the termination of the Contract. Nothing in this Certification shall be construed to allow intentional discrimination of any class protected by law.

Executed this _____ day of _____, 20__.

ATTEST:	CONTRACTOR:
By: _____	By: _____
PRINTED NAME: _____	PRINTED NAME: _____
Its: _____	Its: _____

Exhibit XXIII Affidavit Regarding the Use of Coercion for Labor or Services

In compliance with Section 787.06(13), Florida Statutes, this attestation must be completed by an officer or representative of a nongovernmental entity that is executing, renewing, or extending a contract with Polk County, a political subdivision of the State of Florida.

The undersigned, on behalf of the entity listed below (the "Nongovernmental Entity"), hereby attests under penalty of perjury as follows:

1. I am over the age of 18 and I have personal knowledge of the matters set forth herein.

2. I currently serve as an officer or representative of the Nongovernmental Entity.

3. The Nongovernmental Entity does **not** use coercion for labor or services, as those underlined terms are defined in Section 787.06, Florida Statutes.

4. This declaration is made pursuant to Section 92.525, Fla. Stat. and Section 787.06, Fla. Stat. I understand that making a false statement in this declaration may subject me to criminal penalties.

Under penalties of perjury, I _____ (Signatory Name and Title), declare that I have read the foregoing Affidavit Regarding the Use of Coercion for Labor and Services and that the facts stated in it are true.

Further Affiant sayeth naught.

_____
NONGOVERNMENTAL ENTITY

_____
SIGNATURE

_____
PRINT NAME

_____
TITLE

_____
DATE

PART E –CONTRACT

This Contract is entered into as of the date last executed, (the "Effective Date"), by and between Polk County, a political subdivision of the State of Florida, hereinafter referred to as the "County", and _____ its successors, executors, administrators and assigns, hereinafter referred to as the "Contractor".

WITNESSETH: Whereas the Contractor agrees with the County, for the consideration herein mentioned, and at its own proper cost and expense, to perform all the Work and furnish all the material, equipment, supplies and labor necessary to carry out this agreement in the manner and to the fullest extent as set forth in the attached Bid documents, being hereby made as such a binding part of this Contract as if written word for word herein, and whereas the Contractor has furnished satisfactory Bond and has complied with insurance requirements of the Specifications in Bid #: 25-614 .

NOW THEREFORE, the County and the Contractor do hereby agree as follows:

Article 1. Scope of Work: The Contractor shall perform in accordance with the attached Bid Documents, all the items of Work at the unit prices or lump sum price as listed in the Contractor's Bid Submittal.

Article 2. Contract Price: The Contract price includes the total bid price of $_____ plus the Allowance Work amount of $_____ the total sum being $_____. This total contract price shall be reduced by the unused amount of the allowance if such Work is not completed.

Article 3. Plans and Specifications: The plans and specifications, and other Bid Documents upon which the unit or lump sum prices in the Contractor's Bid Submittal are based, are hereby made a part of this Contract by reference thereto; and are attached hereto.

Article 4 Time of Beginning and Completion: The Contractor agrees to begin Work within 10 calendar days after issuance of a Notice to Proceed by the Procurement Division. The Contractor will complete all Work necessary to reach Beneficial Occupancy within 180 calendar days from the Start Date memorialized within the Notice to Proceed. The Certificate of Substantial Completion shall be executed once Beneficial

Occupancy has been reached. The County and the Contractor agree the balance of all Work to be performed after execution of the Certificate of Substantial Completion shall be complete within 30 days from the date noted on the Certificate of Substantial Completion and shall be evidenced by execution of the Certificate of Final Completion. The Certificate of Final Completion shall be executed by both parties once all Work has been performed and all close out paperwork submitted and processed by the County. Total days for this project are 210 days. The allowance time for this project is 31 days.

Article 5. Payment for Quantities: Payment for those items requiring payment on a unit price basis will be made for the actual unit quantities, as provided for in the Technical Specifications.

Article 6. Partial Payments: Payment will be made to the Contractor for the Contract Work actually performed by the Contractor (during the previous calendar month) and approved by the County subject, however, to retention by the County of an amount equal to five percent (5%) of the payment in accordance with F. S. 218.735.

Article 7. Final Acceptance and Payment: Upon completion of the Work or as soon thereafter as practicable, the County and Professional shall make a final inspection and, if appropriate, acceptance of the Work, after which Contractor shall prepare a final estimate of all Work completed under this Contract. Payment therefore of the balance due shall be made in accordance with the Contract provisions. Payment on the final estimate shall include the full amount for the Work completed, based on the unit prices or lump sum of this Contract, subject, however, to the deduction of any payments already made under this Contract to the Contractor.

Article 8. Contract Documents: The Contractor and Polk County Procurement shall each obtain a photocopy of this Contract once it is executed. This original Contract shall be retained by the Clerk of Courts, County Comptroller once it is executed.

IN WITNESS THEREOF, the parties hereto have executed this Contract.

ATTEST: STACY M. BUTTERFIELD, CLERK

BY:_____
DEPUTY CLERK

COUNTY: POLK COUNTY, a political subdivision of the State of Florida

BY:_____
CHAIRMAN
BOARD OF COUNTY COMMISSIONERS

DATE SIGNED BY CHAIRMAN _____

Reviewed as to form and legal sufficiency.

_____

County Attorney's Office Date

ATTEST:

_____

Corporate Secretary

SEAL

CONTRACTOR:_____

BY:_____

Authorized Corporate Officer or Individual

_____

(Printed or Typed Name of Signer)

_____

(Printed or Typed Title of Signer)

_____

(Business Address of Contractor)

_____

(Telephone Number)

ACKNOWLEDGEMENT OF FIRM IF A LIMITED LIABILITY COMPANY

STATE OF _____ County OF _____

The foregoing instruments was acknowledged before me by means of ☐ physical presence or ☐online notarization this _____(Date) by _____(Name of officer or agent) as _____(title of officer or agent) of the Company on behalf of the Company, pursuant to the powers conferred upon him/her by the Company. He/she personally appeared before me at the time of notarization, and ☐ is personally known to me or ☐ has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____(Date)
_____ (Official Notary Signature and Notary Seal)
_____ (Name of Notary typed, printed or stamped)

Commission Number _____ Commission Expiration Date _____

ACKNOWLEDGEMENT OF FIRM, IF A CORPORATION

STATE OF _____ County OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization this _____(Date) by _____ (Name of officer or agent) as _____(title of officer or agent) of the Corporation on behalf of the Corporation, pursuant to the powers conferred upon him/her by the Corporation. He/she personally appeared before me at the time of notarization, and ☐ is personally known to me or ☐ has produced _____ as identification and did certify to have knowledge of the matters stated in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____(Date)
_____ (Official Notary Signature and Notary Seal)
_____ (Name of Notary typed, printed or stamped)

Commission Number _____ Commission Expiration Date _____

ACKNOWLEDGEMENT OF FIRM, IF AN INDIVIDUAL

STATE OF _____ County OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐online notarization this_____(Date) By _____
_____(Name of acknowledging) who personally appeared before me at the time of notarization, and ☐ is personally known to me or ☐ has produced_____ as identification and did certify to have knowledge of the matters in the foregoing instrument and certified the same to be true in all respects. Subscribed and sworn to (or affirmed) before me this _____(Date)

_____ (Official Notary Signature and Notary Seal)
_____ (Name of Notary typed, printed or stamped)

Commission Number _____ Commission Expiration Date _____

PART F – TECHNICAL SPECIFICATIONS

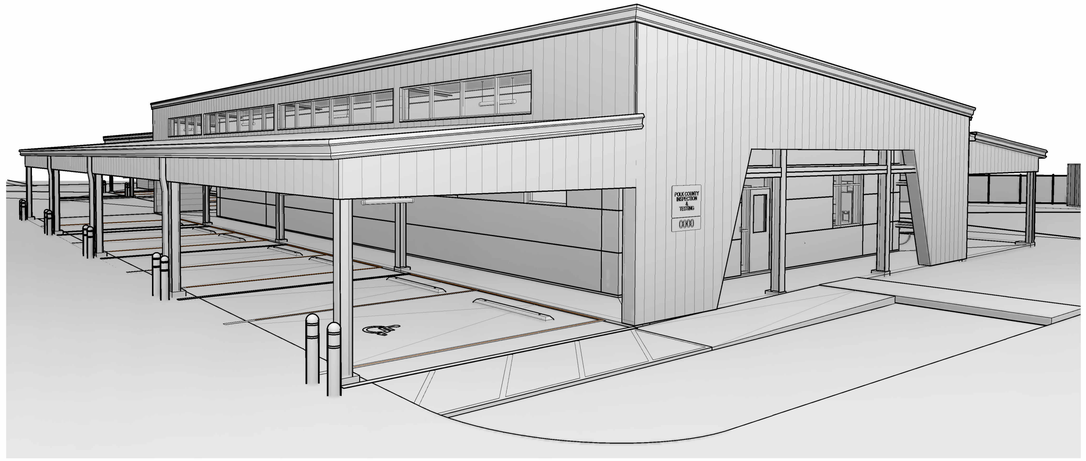
Documents incorporated by reference in Supplementary Conditions on page 73:

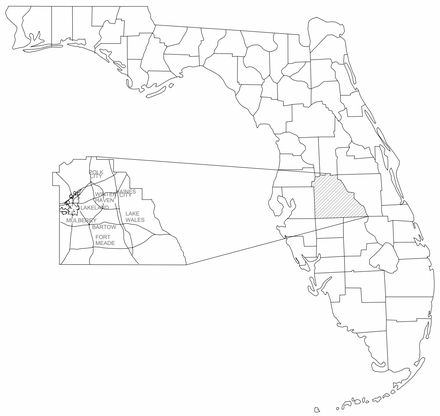
To obtain a copy of the specifications and drawings please go the following FTP site: https://ftp3.polk-county.net, you will be prompted for a User ID and Password. The User ID is *procurevendor* and the password is *solicitation.* After you have logged in to the FTP site, double click on the file folder "**Bid 25-614, Bid Attachments**, select "Open" or "Save As" to download the Bid documents, drawings, and technical specifications. If you need assistance accessing this website due to ADA or any other reason, please email Tabatha Shirah at tabathashirah@polk-county.net

INSPECTION AND TESTING BUILDING
FOR POLK COUNTY ROADS & DRAINAGE

PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

CONSTRUCTION DOCUMENTS | 03.14.2025 | 100%





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SHEET NUMBER	SHEET NAME	CURRENT ISSUSE/ REV. #	CURRENT ISSUE/ REV. DATE	CURRENT ISSUE/ REV. DESCRIPTION
G-000	COVER SHEET & INDEX	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
G-001	BUILDING CODE DATA AND PRODUCT APPROVALS	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
G-002	ARCHITECTURAL GRAPHIC SYMBOLS	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
G-003	ABBREVIATIONS AND GENERAL NOTES	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
G-004	ADAAG STANDARDS	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
LIFE SAFETY				
LS-101	LIFE SAFETY	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
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C-400	UTILITY DETAILS	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
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A-101F	FURNITURE FLOOR PLAN	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
A-111A	ENLARGED ANNOTATION FLOOR PLAN	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
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A-112D	ENLARGED DIMENSION FLOOR PLAN - LAB	CD	03.14.25	100% CONSTRUCTION DOCUMENTS
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A-401	EXTERIOR ELEVATIONS	CD	03.14.25	100% CONSTRUCTION DOCUMENTS

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E-401	POWER & SYSTEMS PLAN	CD	03.14.25	100% CONSTRUCTION DOCUMENTS

ARCHITECTURAL:
STRAUGHN TROUT ARCHITECTS, LLC
2005 EAST EDGEWOOD DRIVE,
LAKELAND, FLORIDA 33803
PHONE: (863)-665-6205
CONTACT PERSON:
GERALD TROUT, AIA

MECHANICAL PLUMBING FIRE PROTECTION:
PYRAMID ENGINEERING INC.
5596 RIO VISTA DRIVE,
CLEARWATER, FLORIDA 33760
PHONE: (727) 531-2989
FAX NUMBER: (813) 286-7061
CONTACT PERSON:
MICHAEL J. CURKAN, PE

ELECTRICAL:
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10510 PORTAL CROSSING, SUITE 103
BRADENTON, FL 34211
PHONE: (813) 499-9850
CONTACT PERSON:
DON NEWMAN, PE

CIVIL:
KIMLEY-HORN
109 S KENTUCKY AVE.
LAKELAND, FLORIDA 32801
PHONE: (863)-701-8702
CONTACT PERSON:

GEOTECHNICAL:
MADRID ENGINEERING GROUP
2030 STATE ROAD 60 EAST
BARTOW, FL 33830
PHONE: (863)-533-9007
CONTACT PERSON:

Robert T. Haug P.E.
STRUCTURAL ENGINEER
2126 EDGEWOOD DR., SUITE 4
LAKELAND, FLORIDA 33803
Ph. (863) 687-4225
Fax (863) 687-4874
P.E. No. 24575

STRAUGHN TROUT ARCHITECTS
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Lakeland, Florida USA
33803-3601
PH (863) 665-6205
StraughnTrout.com

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FLORIDA LICENSE AAR0575

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CONSULTANT INFORMATION

GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

DESIGN DEVELOPMENT PHASE

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

SHEET TITLE
COVER SHEET & INDEX

SHEET #
G-000

Autodesk Docs://2306 - Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V22.rvt
4/29/2025 9:28:48 PM

PRODUCT APPROVALS

APPLICABLE	CATEGORY/ SUB CAT.	MANUF/ PRODUCT	FL. APPROVAL NO. (OR NOA)
	EXTERIOR DOORS		
--	ROLL-UP	--	--
--	SECTIONAL	--	--
--	SLIDING	--	--
YES	SWINGING	CECO DOOR PROD. / FLUSH STEEL DOORS	FL 16355.2-R4
--	AUTOMATIC	--	--
--	PRE-ENGINEERED ROOF HATCHES	--	--
--	GARAGE	--	--
	WINDOWS		
--	AWNING	--	--
--	CASEMENT	--	--
--	DUAL ACTION	--	--
--	DOUBLE HUNG	--	--
--	FIXED	--	--
--	PROJECTED	--	--
YES	PASS THROUGH	YKK-YSW - 400T	FL 14218.1
--	MULLIONS	--	--
--	MITERED	--	--
--	DAYLIGHT SANDWICH PANEL	--	--
--	SINGLE HUNG	--	--
--	HORIZONTAL SLINDER	--	--
--	WIND BREAKER	--	--
--	DAYLIGHT SANDWICH PANEL	--	--
--	OTHER	--	--
	PANEL WALLS		
--	SIDING	--	--
--	SOFFITS	--	--
--	EXTERIOR INSULATION FINISH SYSTEM	--	--
YES	STOREFRONTS	YKK YES 40 FAFI	FL 128423-R19
--	CURTAINWALLS	--	--
--	WALL LOUVER	--	--
--	GLASS BLOCK	--	--
--	MEMBRANE	--	--
--	GREENHOUSE	--	--
--	OTHER	--	--
	ROOFING		
--	BUILT UP ROOFING	--	--
--	MODIFIED BITUMEN ROOF SYST.	--	--
--	SINGLE PLY ROOF SYST.	--	--
YES	METAL ROOFING PANELS	METL. SPAN, CFR INS. STANDING SEAM PANEL	FL 20-110.09
--	SPRAY APPLIED POLY. ROOF SYST.	--	--
--	ROOFING FASTENERS	--	--
--	ROOFING INSULATION	--	--
--	ASPHALT SHINGLES	--	--
--	WOOD SHINGLES & SHAKES	--	--
--	ROOFING SLATE	--	--
--	ROOF TILE ADHESIVES	--	--
--	CEMENT- ADHESIVES COATINGS	--	--
--	LIQUID APPLIED ROOFING SYST.	--	--
--	UNDERLAYMENTS	--	--
--	NON-STRUCTURAL MTL. ROOFING	--	--
--	ROOFING TILES	--	--
--	WATERPROOFING	--	--
--	ELITE ROOF- OSB SYSTEM	--	--
--	RIDGE VENTS	--	--
	SHUTTERS		
--	ACCORDIAN	--	--
--	BAHAMA	--	--
--	STORM PANELS	--	--
--	COLONIAL	--	--
--	ROLL-UP	--	--
--	PRE-ENG. EQUIP	--	--
--	OTHER	--	--
	SKYLIGHTS	--	--
--	SKYLIGHT	--	--
--	OTHER	--	--
	STRUCTURAL COMPONENTS		
--	TRUSS PLATES	--	--
--	WOOD CONNECTORS	--	--
--	ANCHORS	--	--
--	EXTER. COOLERS-FREEZERS	--	--
--	INSULATION FORMS SYSTEMS	--	--
--	ENGINEERED LUMBER	--	--
--	PRE-ENGIN. AIR COND. STANDS	--	--
--	STRUCT. WALL COMPONENTS	--	--
--	ROOF DECK	--	--
YES	METAL BUILDING FRAMING	METALLIC BLD'G SYSTEMS	FL 5374-R4
--	ENGINEERED TRUSS	--	--
--	"TJI"s	--	--
--	GLU LAMS	--	--
--	LVLs	--	--
--	WOOD "I"s	--	--
--	CONC. PRECAST/ PRESTRESS LINTELS	--	--
--	STEEL LINTELS	--	--
--	FASTENERS	--	--
--	HANGERS AND CONNECTORS	--	--
--	TRUSS HANGERS	--	--

PRODUCT APPROVALS

APPLICABLE	CATEGORY/ SUB CAT.	MANUF/ PRODUCT	FL. APPROVAL NO. (OR NOA)
	STRUCTURAL COMPONENTS		
--	HURRICANE CLIPS	--	--
--	JOIST HANGERS	--	--
--	POST & BEAM BASE & CAPS	--	--
--	THREADED ROD CONNECTORS	--	--
--	SHEDS	--	--
	NEW INNOVATIVE PRODUCTS		

BUILDING CODE DATA

LOCATION:

3000 SHEFFIELD ROAD
WINTER HAVEN, FL

THE NEW CONSTRUCTION IS DESIGNED UNDER THE FOLLOWING CODES:

- 2023 FBC 8TH EDITION
- FLORIDA FIRE PREVENTION CODE - 8TH EDITION (2021 NFPA 1 UNIFORM FIRE CODE & 2021 NFPA 101 LIFE SAFETY CODE)
- SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
- AUTHORITY HAVING JURISDICTION: WINTER HAVEN BUILDING DEPARTMENT
  WINTER HAVEN FIRE MARSHALL
  SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)

USE GROUP:	**BUSINESS GROUP B**
SMOKE COMPARTMENTS:	**0**
FIRE SEPARATION:	**NOT REQUIRED**
OCCUPANCY SEPARATION:	**SINGLE OCCUPANCY - NOT REQUIRED**
CONSTRUCTION TYPE:	**FBC TBL 601: TYPE II-B** **NFPA 220: TYPE II-000**
ALLOWABLE AREA LIMITS:	**FBC TABLE 506.2 (B OCCUPANCY) 76,000 G.S.F.**
GROSS SQUARE FOOTAGE:	**FIRST FLOOR: 3.606 G.S.F.** **• COV. WALKS/ STAG'G AREA - 1,386 GSF** **• COV. COUNTY PARK'G - 2,000 GSF** **• COV. COUNTY PARK'G - 1,875 GSF** **• COV. PATIO - 500 GSF** **NUCLEAR SHED - 150 GSF**

OCCUPANT LOAD: **PER TABLE 1004.5 & LIFE SAFETY CODE (SEE LIFE SAFETY PLANS)**

OCCUPANCY TYPE	GROSS AREA (SF)	MAX ALLOWED	TOTAL
BUSINESS GROUP (B)	FIRST FLOOR 3,606 SF / 150 = 24	24	24
TOTAL OCCUPANT LOAD:			24

EXITS:	REQUIRED	PROVIDED
EGRESS WIDTH: (SECT.1005) # OF EXITS: (TBL 1006.3.2)	FIRST FLOOR TOTAL:1- 500 OCC. = 2 EXITS	3 EXITS
EXIT ACCESS TRAVEL DISTANCE: (FBC TBL 1017.2 & NFPA 38.2.6)	WITH SPRINKLER SYSTEM 250'	
COMMON PATH OF TRAVEL: (FBC TBL 1006.2.1)	WITH SPRINKLER SYSTEM 100'	
EXIT ACCESS CORR RATING: (FBC TBL 1020.2 & NFPA 38.3.6)	WITH SPRINKLER SYSTEM 0 HR.	0 HR.

ULTIMATE WIND SPEED: 137 MPH (INTERPOLATED)
RISK CATEGORY: CATEGORY II
EXPOSURE: C

PLUMBING FIXTURE REQUIREMENTS

FIXTURES REQUIRED FBC TBL 403.1

WATER CLOSETS				LAVATORIES				DRINKING FOUNTAIN		SERVICE SINK	
REQUIRED		PROVIDED		REQUIRED		PROVIDED		REQ.	PRVD.	REQ.	PRVD.
M	F	M	F	M	F	M	F				
1	1	1	1	1	1	1	1	1	2	0	1
								1/100			

STRAUGHN TROUT ARCHITECTS
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StraughnTrout.com

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

BUILDING CODE DATA AND PRODUCT APPROVALS

G-001

Autodesk Docs://2306 - Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BUILDING RENOVATIONS_ARCH_CENTRAL.rvt
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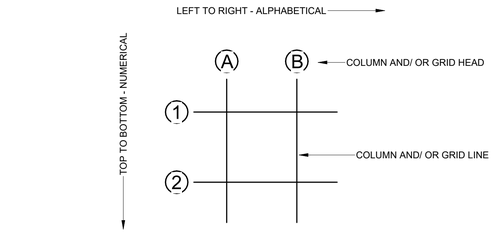
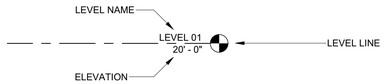
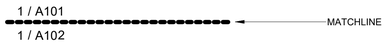
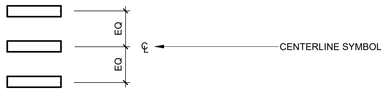
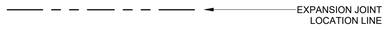
GENERAL SYMBOLS

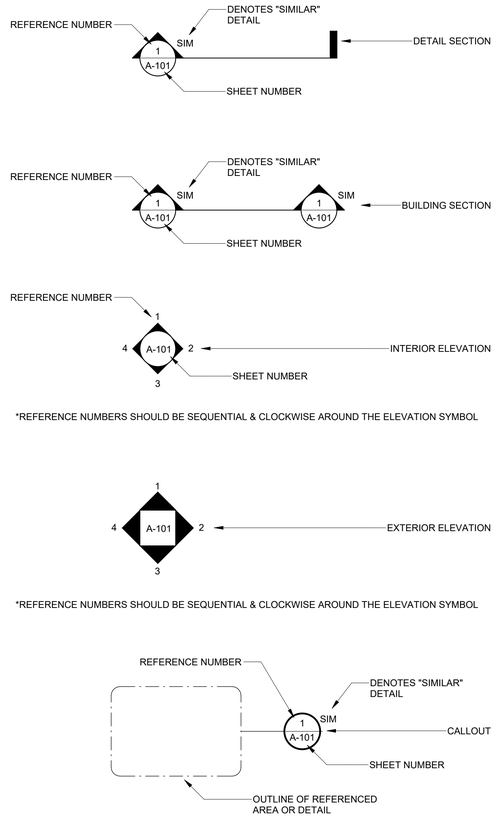












*REFERENCE NUMBERS SHOULD BE SEQUENTIAL & CLOCKWISE AROUND THE ELEVATION SYMBOL

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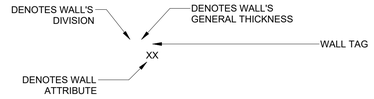

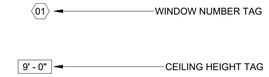

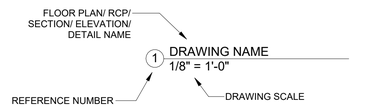

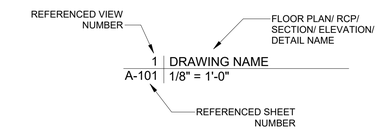

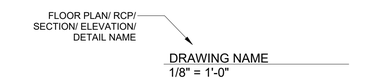

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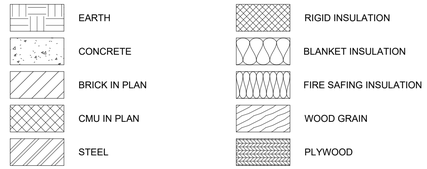
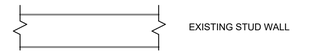
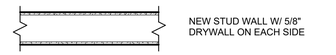
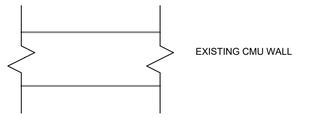
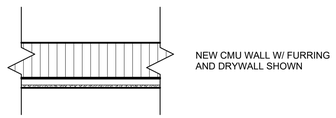


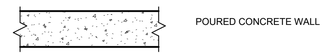
TYPICAL WALL GRAPHIC STANDARD











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PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

ARCHITECTURAL GRAPHIC SYMBOLS

G-002

Autodesk Docs://2306_Resurfacing, Rd & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BUILDINGS(ACTIVE)_ARCH_R23.rvt
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ABBREVIATIONS

#	
#	NUMBER OR POUND
&	AND
@	AT
A	
AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACOUST	ACOUSTICAL
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADJ	ADJACENT
ADNM	ADDENDUM
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR	AGGREGATE
AHU	AIR HANDLER UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
ATTN	ATTENTION
AUTO	AUTOMATIC
AV	AUDIOVISUAL
AWP	ACOUSTICAL WALL PANEL
B	
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BSMNT	BASEMENT
BSTL	BLACKENED STEEL
C	
C	CHANNEL
CAB	CABINET
CAT	CATEGORY
CB	CATCH BASIN
CB	CEMENT BOARD
CBU	CEMENTITIOUS BACKER UNIT
CC	CENTER TO CENTER
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CER	CERAMIC
CG	CORNER GUARD
CH	CHILLER
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
COPY	COPIER
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTERSUNK
CW	COLD WATER
D	
D	DEEP, DEPTH
DBL	DOUBLE
DEFS	DIRECT-APPLIED EXTERIOR FINISH SYSTEM
DEG	DEGREE
DEMO	DEMOLISH OR DEMOLITION
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DIMS	DIMENSIONS
DISP	DISPENSER
DIV	DIVISION
DMPF	DAMP PROOFING
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
E	
E	EAST
EA	EACH
EB	EXPANSION BOLT
EC	EXPOSED CONCRETE
EIFS	EXTERIOR INSULATION FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION

ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EMS	EMERGENCY MANAGEMENT SYSTEM
ENCL	ENCLOSURE
ENG	ENGINEER
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EXPOSED STRUCTURE
ESP	ELEVATOR STATUS PANEL
ESP	EXPOSED STRUCTURE PAINTED
EWC	ELECRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
F	
FA	FIRE ALARM
FAP	FIRE ALARM PANEL
FB	FACE BRICK
FD	FLOOR DRAIN
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF EL	FINISH FLOOR ELEVATION
FF&E	FURNITURE, FIXTURES AND EQUIPMENT
FFB	FLUSH FLOOR BOX
FH	FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FLASH	FLASHING
FLUOR	FLUORESCENT
FND	FOUNDATION
FO	FACE OF
FOC	FACE OF CONC
FOF	FACE OF FINISH
FOS	FACE OF STUD
FP	FIRE PROTECTION
FPG	FIREPROOFING
FR	FIRE RESISTANT
FR (FRM)	FRAME
FRC	FIBER REINFORCED CONCRETE
FRT	FIRE RETARDANT TREATED
FS	FLOOR SINK
FT	FEET/FOOT
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FV	FIELD VERIFY
FVC	FIRE VALVE CABINET
FWC	FABRIC WALL COVERING
FWP	FABRIC WRAPPED PANEL
G	
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GEN	GENERAL
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS
GLAZ	GLAZING
GR	GUARDRAIL
GRAN	GRANULAR
GRD	GROUND
GRFG	GLASS FIBER REINFORCED GYPSUM
GSM	GALVANIZED SHEET METAL
GV	GAS VALVE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
GYP BD	GYPSUM BOARD
H	
H	HIGH
HB	HOSE BIBB
HC	HANDICAPPED HOLLOW CORE
HD	HEAD
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HR	HOUR / HANDRAIL
HRC	HOSE REEL CABINET
HT	HEIGHT
HTG	HEATING
HVAC	HEATING VENTILATION & AIR CONDITIONING
HW	HOT WATER
I	
ID	INSIDE DIAMETER
IN	INCH / INCHES
INCL	INCLUDED / INCLUDING
INFO	INFORMATION
INSUL	INSULATED OR INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
J	
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
K	
KIT	KITCHEN

KO	KNOCK OUT
L	
L	LONG / LENGTH
LAM	LAMINATE
LAV	LAVATORY
LB	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT / LTG	LIGHT / LIGHTING
LWC	LIGHT WEIGHT CONCRETE
M	
M	METER
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MED	MEDIUM
MEMBR	MEMBRANE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
N	
N	NORTH
N.P.S	NATIONAL PIPE STANDARD
N/A	NOT APPLICABLE
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O	
O.A.	OUTSIDE AIR
O.C.	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
OVHD	OVERHEAD
OZ	OUNCE
P	
P	PAINT
P.A.	PUBLIC ADDRESS
PAV	PAVING
PBD	PARTICLE BOARD
PC	PRECAST CONCRETE
PDF	POWER DRIVEN FASTENER
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT OR PAINTED
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PT	POINT
PT	PRESSURE TREATED
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
Q	
QT	QUARRY TILE
QTY	QUANTITY
R	
R	RADIUS / RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE:	REINFORCED
REC	RECESSED
RECPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED REINFORCING
REL	RELOCATE
REM	REMOVABLE
REQ	REQUIRE/REQUIRED
REQ'D	REQUIRED
RESIL	RESILIENT
REV	REVISION / REVISED
RM	ROOM
RO	ROUGH OPENING
RTD	RATED
RTG	RATING
RTU	ROOF TOP UNIT
RWL	RAIN WATER LEADER
S	
S	SOUTH
SA	SUPPLY AIR

SAF	SELF ADHERED FLASHING
SAN	SANITARY
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FEET / FOOT
SH	SPRINKLER HEAD
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SM	SHEET METAL
SM	SURFACE MOUNTED
SP	SPACING
SPEC	SPECIFIED OR SPECIFICATION
SPHD	SPRINKLER HEAD
SPK	SPRINKLER OR SPEAKER
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
SSE	SECURITY SYSTEM EQUIPMENT
SSK	SERVICE SINK
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STN	STONE
STOR	STORAGE
STRG	STRINGER
STRUCT	STRUCTURAL
STRUCT	STRUCTURE OR STRUCTURAL
SUBCAT	SUBCATEGORY
SUSP	SUSPENDED
SY / SQ YD	SQUARE YARD(S)
SYM	SYMMETRICAL
SYS	SYSTEM
T	
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T.O.D.	TOP OF DECK
T.O.P.	TOP OF PARAPET
T.O.S.	TOP OF SLAB / TOP OF STEEL
T.O.W.	TOP OF WALL
TB	TOWEL BAR
TEL	TELEPHONE / TELECOM
TELE	TELEPHONE
TEMP	TEMPERATURE
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TKBD	TACK BOARD
TLT	TOILET
TMPD	TEMPERED
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
TZ	TERRAZZO
U	
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
URNL	URINAL
V	
VAC	VENTILATION AND AIR CONDITIONING
VAR	VARIES
VB	VAPROR BARRIER
VCT	VINYL COMPOSITION TILE
VEND	VENDING MACHINES
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VISION PANEL
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	
W	WIDE / WEST / WIDTH
W/	WITH
W/D	WASHER / DRYER
W/I	WITHIN
W/O	WITHOUT
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD
WDS	WOOD STAIN
WDW	WINDOW
WF	WOOD FLOOR
WM	WIRE MESH
WP	WATERPROOF / WATERPROOFING
WPM	WATERPROOF MEMBRANE
WS	WEATHER-STRIPPING
WSCT	WAINSCOT
WT	WEIGHT
WT	WINDOW TREATMENT
WTCS	WALKIE TALKIE CHARGING STATION
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

GENERAL NOTES

1. EXISTING SITE INFORMATION AS SHOWN AND DESCRIBED IN THESE DOCUMENTS HAS BEEN DEVELOPED FROM FIELD SURVEY INFORMATION AND THE ARCHITECT 'S FIELD OBSERVATIONS. THIS IN NO WAY RELIEVES THE CONTRACTOR OF RESPONSIBILITY TO DETERMINE EXISTING CONDITIONS, CONSTRUCTION DETAILS, MEASUREMENTS, ETC. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND DETERMINE APPROPRIATE COORDINATION OF NEW WORK AS DESCRIBED PRIOR TO COMMENCEMENT OF ANY DEMOLITION OR OTHER WORK.
2. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK WITH THE CONSTRUCTION DOCUMENTS, ARCHITECT AND OWNER.
3. OWNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF STRUCTURES TO BE DEMOLISHED. CONDITIONS EXISTING AT TIME OF INSPECTION FOR BIDDING PURPOSES WILL BE MAINTAINED BY OWNER TO FULLEST EXTENT POSSIBLE, UNLESS NOTED OTHERWISE.
4. THIS DRAWING HAS GENERAL INFORMATION, NOT ALL MAY APPLY TO THIS PROJECT.
5. IF, AT ANY TIME, THE CONTRACTOR DISCOVERS A CONDITION WHICH CONFLICTS WITH THE DRAWINGS AND/OR SPECIFICATION OR IF THE CONTRACTOR DISCOVERS AN UNCLEAR OR MISLEADING DIRECTIVE GIVEN IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL BRING THE ISSUE IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT.
6. THESE DRAWINGS MAY HAVE BEEN REDUCED OR COPIED. DO NOT SCALE THE DRAWINGS - FOLLOW WRITTEN DIMENSIONS ONLY.
7. ALL DIMENSIONS FOLLOWED BY +/- OR "VERIFY" ARE EXISTING DIMENSIONS AND SHALL BE VERIFIED IN THE FIELD. +/- AS USED IN NEW CONSTRUCTION SHALL MEAN THAT THE DIMENSION ARE SLIGHTLY ADJUSTABLE TO ACCOMMODATE ACTUAL CONDITIONS.
8. "MINIMUM" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUALITY LESSER THAN THAT INDICATED.
9. "MAXIMUM" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS LIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUALITY GREATER THAN THAT INDICATED.
10. "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
11. "SIMILAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
12. "CLEAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE DIMENSION IS NOT ADJUSTABLE WITHOUT THE APPROVAL OF THE ARCHITECT. CLEAR DIMENSIONS ARE TYPICALLY TO FINISHED FACE.
13. "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE THE FINISHED FACES IN THE SAME PLANE.
14. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND / OR CONSTRUCTION.
15. ALL WORK INDICATED ON THE DRAWINGS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE NOTED.
16. KEYNOTES: KEYED NOTES ARE ORGANIZED AND NUMBERED BY MASTERSPEC DIVISION. THE FIRST TWO (2) NUMBERS ARE THE DIVISION NUMBER ONLY FOLLOWED BY THE NOTE NUMBER.
17. RESPECTIVE PLUMBING, MECHANICAL, ELECTRICAL, AND FIRE PROTECTION SUBCONTRACTORS SHALL PROVIDE GENERAL CONTRACTOR WITH ALL REQUIRED ACCESS PANELS FOR GENERAL CONTRACTOR TO INSTALL IN THE BUILDING.
18. ALL EXPOSED STEEL SHALL BE PAINTED UNLESS OTHERWISE NOTED.
19. THERE ARE NO ASBESTOS CONTAINING MATERIALS SPECIFIED AND THEY SHALL NOT BE USED ON THIS PROJECT.
20. COORDINATE THE WORK OF ALL TRADES AND CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK.
21. THE STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION FIRE ALARM, ELECTRICAL TELECOMMUNICATIONS, AND SECURITY DRAWINGS, ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IF A DISCREPANCY EXISTS BETWEEN THE ARCHITECTURAL DRAWINGS AND ENGINEER'S DRAWINGS, SUCH DISCREPANCY SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION IN WRITING PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
22. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS SHALL BE USED SUBJECT TO REVIEW BY THE ARCHITECT.
23. REFER TO FIRE SUPPRESSION AND ALARM DRAWINGS AND ELECTRICAL DRAWINGS FOR LOCATIONS OF FIRE ALARM HORNS/STROBES, EXIT SIGNS, AND EMERGENCY LIGHTING.
24. RUBBER-TIRED EQUIPMENT SHALL BE USED FOR TRANSPORTING MATERIALS AND EQUIPMENT ON PAVED SURFACES AND WITHIN THE BUILDING. VEHICLES MOVING ON FLOOR SLABS SHALL HAVE TIRE BOOTS. DUCT TAPE ON TIRES IS NOT ALLOWED.
25. EXPOSED CONCRETE FLOORS SHALL BE PROTECTED DURING CONSTRUCTION AND SHALL BE FREE OF ALL CONSTRUCTION MARKERS, STAINS, PAINTS, OIL, OR OTHER DEFECTS. PATCH DEFECTS TO THE SATISFACTION OF THE ARCHITECT PRIOR TO HARDENING AND SEALING.
26. CONFINE EQUIPMENT, STORAGE OF MATERIALS, AND OPERATIONS OF WORKERS TO LIMITS INDICATED AND AS DIRECTED.
27. ALL TRUCKS HAULING DEBRIS FROM THE PROJECT SITE OR MATERIAL TO THE PROJECT SHALL BE EQUIPPED WITH THE MEANS TO COVER LOADS AND WITH WATERPROOF TAILGATES WHICH SHUT TIGHTLY AND DO NOT PERMIT THE DEBRIS TO SPILL FROM THE TAILGATE AREA. TRUCK BEDS SHALL BE SWEPT CLEAN AT THE TAILGATE BEFORE LEAVING FROM THE WORK AREA. SIDEBOARDS SHALL BE KEPT IN GOOD REPAIR. UNDER NO CIRCUMSTANCES WILL TRUCKS BE PERMITTED TO BE LOADED GREATER THAN THE LEGAL LIMIT OR HIGHER THAN THE SIDEBOARDS.
28. OWNER WILL MAKE USE OF THE AREAS IN AND SURROUNDING THE CONSTRUCTION AREAS.
29. MANUFACTURER'S NAME AND / OR MODEL NUMBERS ARE BEING UTILIZED FOR BASIS OF DESIGN ONLY. THE SPECIFICATION OUTLINES THE SPECIFIC CRITERIA FOR THE EQUIPMENT OR MATERIAL AND IS NON-PROPRIETARY.
30. ALL UTILITY LINES IN PUBLIC AREAS SHALL BE ENCLOSED IN FLOOR, WALL OR CEILING CONSTRUCTION UNLESS OTHERWISE NOTED.
31. MANUFACTURED MATERIALS, EQUIPMENT, ETC SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, INSTRUCTIONS AND REQUIREMENTS UNLESS OTHERWISE NOTED.
32. IF DRAWINGS IN THIS SET ARE NOT ARCH D (24" X 36") THEY HAVE BEEN REVISED FROM THEIR ORIGINAL SIZE. SCALES NOTED ON PLANS AND DETAILS ARE NO LONGER APPLICABLE.
33. PROVIDE A RED LINED "RECORD" CONSTRUCTION DOCUMENT SET AT THE SITE. THE OWNER RESERVES THE RIGHT TO REVIEW THESE DOCUMENTS ON A DAILY BASIS.
34. LOCATE ALL UNDERGROUND UTILITIES, ETC. PRIOR TO THE START OF CONSTRUCTION.
35. KEEP MEANS OF EGRESS CORRIDORS PROPERLY ILLUMINATED AND FREE OF OBSTRUCTIONS AT ALL TIMES DURING CONSTRUCTION.
36. WORK SHALL CONFORM TO APPLICABLE CODES, REGULATIONS, AND ORDINANCES. CONTRACTOR SHALL OBTAIN ALL REQUIRED BUILDING AND OCCUPANCY PERMITS.
37. ESTABLISH A SITE BENCHMARK FOR ALL SUBCONTRACTORS TO USE. ALL TRADES SHALL USE THE SAME BENCHMARK.
38. ALL SUSPENDED ITEMS OF THE WORK EXCEEDING 31 POUNDS IN WEIGHT (EXCLUDING DISTRIBUTED SYSTEMS SUCH AS PIPING NETWORKS) SHALL BE ANCHORED TO RESIST A HORIZONTAL LOAD EQUAL TO 0.5 TIMES THE COMPONENT WEIGHT IN ACCORDANCE WITH UFC 4-010-01. THIS REQUIREMENT DOES NOT PRECLUDE REQUIREMENTS FOR SEISMIC ANCHORAGE IN ACCORDANCE WITH ASCE 7-05 AND THE PROJECT SPECIFICATIONS. FOR ADDITIONAL INFORMATION ON EQUIPMENT SUPPORT FRAMING REFERENCE STRUCTURAL DRAWINGS.
39. FOR LIFE SAFETY PLANS REFER TO LS171.
40. DO NOT PAINT BUILDING GROUNDING CABLES.
41. PROVIDE SURFICIAL TERMITE TREATMENT UNDER ENTIRE FOOTPRINT OF THE REFERENCED BUILDING. ALL CONDUITS AND PIPES PENETRATING THE SLAB ON GRADE SHALL HAVE A TERMITE SHIELD.
42. MOUNT ALL PIPING, EQUIPMENT, DUCTWORK, ETC. AS HIGH AS POSSIBLE IN ALL AREAS UNLESS OTHERWISE NOTED. ALL HANGER SUPPORTS SHALL BE ATTACHED TO STRUCTURAL STEEL. NOTHING MAY BE SUPPORTED FROM ROOF DECK.
43. WORK SHALL BE IN CONFORMANCE WITH THE APPLICABLE CODES AND UNIFIED FACILITIES CRITERIA (UFC).
44. VERIFY DIMENSIONS SHOWN IN THE DRAWINGS BEFORE COMMENCING WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER.
45. ITEMS THAT ARE DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
46. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK AMONG THE VARIOUS TRADES AS NECESSARY TO AVOID CONFLICTS AND TO ENSURE THE INSTALLATION OF ALL WORK WITHIN THE AVAILABLE SPACE.
47. SCOPE OF DEMOLITION AND CONSTRUCTION WORK HAS BEEN DESCRIBED TO FULLEST EXTENT POSSIBLE, HOWEVER THIS DOES NOT RELIVE CONTRACTOR OF RESPONSIBILITY TO PERFORM ALL INCIDENTAL ASSOCIATED DEMOLITION AND RECONSTRUCTION WORK.
48. GENERAL DEMOLITION SCOPE OF WORK
    - REMOVE WINDOWS AND DOORS AS NOTED.
    - REMOVE EXISTING TILE, VCT, AND RUBBER BASE AS NOTED.
    - REMOVE ACOUSTICAL CEILING TILE AND GRID AS NOTED.
    - REMOVE INTERIOR WOOD DOORS AND FRAMES AS NOTED.
    - REMOVE EXISTING WALLS AS NOTED.
    - REMOVE EXISTING ELECTRICAL AND HVAC ITEMS AS NOTED.
49. CONTRACTOR SHALL REMOVE ELECTRICAL CONDUIT, CONDUCTORS, DEVICES AND MISCELLANEOUS ITEMS AS DESCRIBED IN THE DOCUMENTS. MAIN POWER DISTRIBUTION AND ELECTRICAL PANELS SHALL BE REMOVED OR REWORKED AS REQUIRED AND NOTED.
50. ALL ABANDONED MECHANICAL, AND ELECTRICAL ITEMS SHALL BE REMOVED TO THEIR POINT OF CONNECTION OR AS NOTED AND CAPPED.
51. GENERAL CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATION OF CUTTING, PATCHING AND REPLACING ALL UTILITIES AND MAINTAIN OPERATION OF BUILDING UTILITIES TO REMAIN.
52. CONTRACTOR SHALL ENSURE SAFE PASSAGE OF PERSONS AROUND DEMOLITION AREA AND CONDUCT OPERATIONS TO PREVENT INJURY. CONTRACTOR SHALL ALSO PROTECT FROM DAMAGE ALL EXISTING ADJACENT BUILDINGS AND OTHER MISC. ITEMS DURING THE CONSTRUCTION PROCESS. ALL DAMAGED ITEMS / SURFACES SHALL BE REPLACED OR REPAIRED TO MATCH EXISTING AND TO THE SATISFACTION OF OWNER / ARCHITECT.
53. CONTRACTOR IS RESPONSIBLE FOR ALL MEANS NECESSARY TO CONTROL CONSTRUCTION DUST DURING CONSTRUCTION / DEMOLITION OPERATIONS TO PREVENT DUST FROM SPREADING TO OTHER BUILDING INTERIORS AND CONTAMINATING EXISTING MECHANICAL SYSTEMS, ETC. ANY AREAS DAMAGED OR ITEMS CONTAMINATED WITH CONSTRUCTION DUST SHALL BE THOROUGHLY CLEANED (OR REPLACED IF NECESSARY) TO OWNER 'S / TENANT'S SATISFACTION.
54. CONTRACTOR TO PROVIDE SUFFICIENT NOTIFICATION TO OWNER FOR SALVAGE OF MISCELLANEOUS DOOR HARDWARE, MILLWORK AND MISC. ITEMS. ALL OTHER ITEMS AND DEBRIS TO BE REMOVED SHALL BE DISPOSED OF OFF SITE.
55. TURN OVER SALVAGED ITEMS TO OWNER AS NOTED. ALL OTHER ITEMS AND DEBRIS TO BE REMOVED SHALL BE DISPOSED OF OFF SITE.

ARCHITECTURAL GENERAL NOTES

1. ANY OF THE SYMBOLS / MATERIAL REFERENCED ON THIS DRAWING MAY OR MAY NOT OCCUR AS A PART OF THIS PROJECT AND ARE PROVIDED FOR REFERENCE ONLY.
2. DIFFERENT FLOOR MATERIALS SHALL MEET UNDER THE CENTERLINE OF DOORS.
3. SIGNAGE SHALL BE MOUNTED ON LATCH SIDE OF DOORS WHERE SCHEDULED REFER TO SIGNAGE DETAILS .
4. REFER TO STRUCTURAL FOR SHEAR WALLS, COLUMN SIZE, FOOTING, AND FOUNDATION WALL INFORMATION.
5. ALL PARTITION / WALL MOUNTED EQUIPMENT NOT INDICATED ON THE DRAWINGS SHALL BE COORDINATED WITH THE COR PRIOR TO INSTALLATION.
6. REFER TO THE PROJECT SPECIFICATIONS FOR GENERAL CONTRACT REQUIREMENTS.
7. FLOOR ELEVATIONS REFERENCED ARE TO TOP OF CONCRETE SLABS. FINISH FLOORING IS INSTALLED ON TOP OF THE FLOOR ELEVATION. FOR RECESSED FLOORS AND CURBS REFER TO STRUCTURAL DRAWINGS.
8. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO SPECIFIC DETAILS ARE INDICATED, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
9. EQUIPMENT LOCATIONS INDICATED ON ARCHITECTURAL DRAWINGS ARE FOR REFERENCE ONLY. EQUIPMENT LOCATIONS SHALL BE COORDINATED WITH UTILITIES INDICATED ON CIVIL, MECHANICAL, FIRE PROTECTION, ELECTRICAL, AND EQUIPMENT DRAWINGS.
10. WHILE CARE HAS BEEN TAKEN TO COORDINATE MECHANICAL AND ELECTRICAL PENETRATIONS WITH ARCHITECTURAL WORK, CONTRACTOR IS RESPONSIBLE FOR FRAMING MODIFICATIONS AND PATCHING REQUIRED WHETHER SPECIFICALLY SHOWN OR NOT.
11. IN EXTERIOR WALLS WITH THERMAL INSULATION, PROVIDE CONTINUOUS VAPOR RETARDER WHETHER NOTED ON DETAILS OR NOT.
12. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR THE GENERAL INTENDED LAYOUTS OF MECHANICAL, ELECTRICAL, CABLE TRAY, FIRE SUPPRESSION SYSTEMS AS THEY OCCUR WITHIN THE FINISHED CEILING SYSTEM.

STRAUGHN TROUT ARCHITECTS

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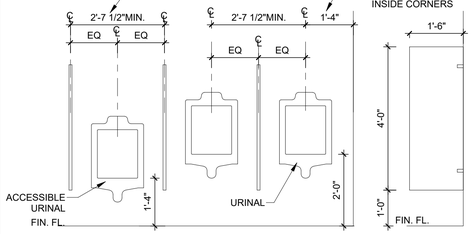
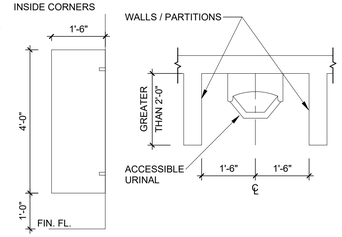


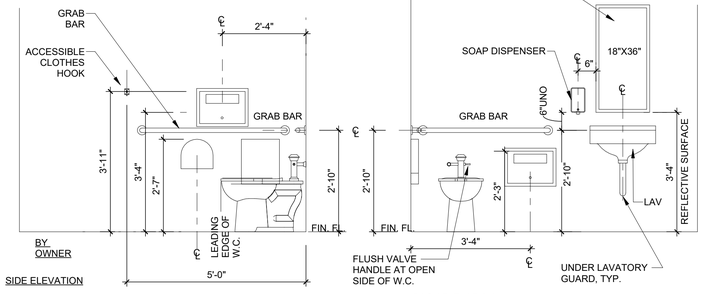
BACK ELEVATION



SIDE ELEVATION - PARTITIONS

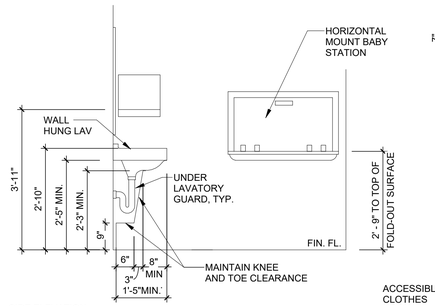
PLAN AT WALLS / PARTITIONS GREATER THAN 24"

URINALS & URINALS PARTITIONS
1/2" = 1'-0"

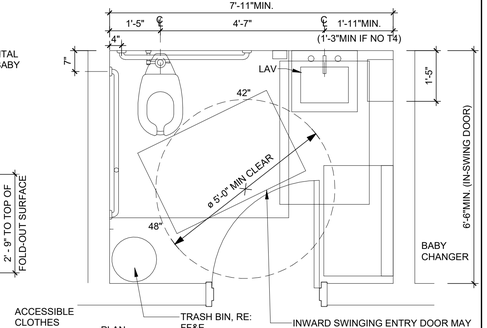


SIDE ELEVATION

BACK ELEVATION



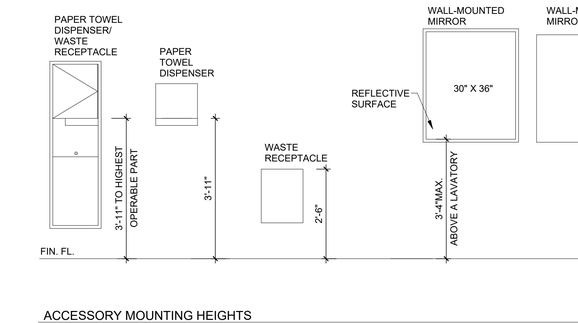
SIDE ELEVATION



PLAN

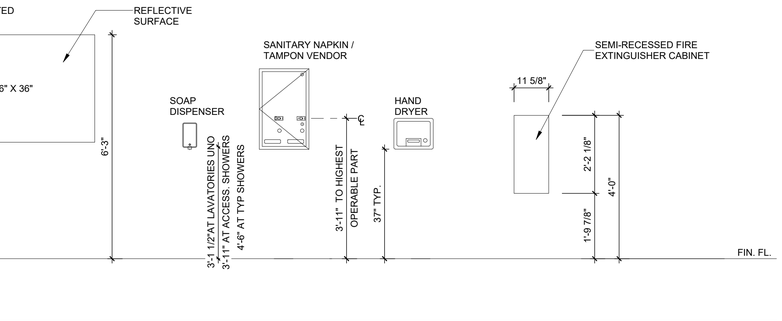
PER FBC ADA 304.3.2

TYPICAL FAMILY / INDIVIDUALL TOILET ROOM LAYOUT - TYPE 'E'
1/2" = 1'-0"



SIDE ELEVATION

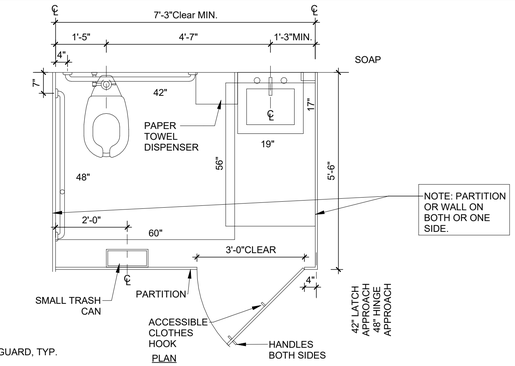
TYPICAL WALL MOUNT LAVATORY
1/2" = 1'-0"



SIDE ELEVATION

BACK ELEVATION

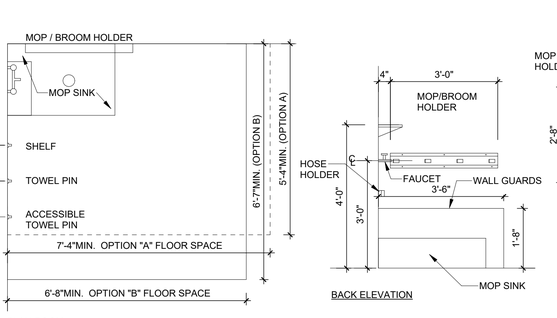
ACCESSIBLE TOILET STALL - TYPE 'D'
1/2" = 1'-0"



PLAN

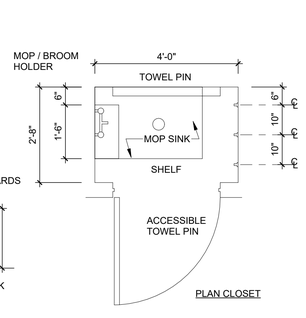
PER FBC ADA 604.3.2 OVERLAP
604.8.1.6 LAV

NOTES:
1. PROVIDE UNDER LAVATORY GUARDS AT ALL LAVATORIES RE: SPECIFICATION AND DRAWINGS FOR ACCESSORIES AT ROOMS.
2. SEE SCHEDULE FOR ADDITIONAL INFORMATION ON ACCESSORIES AT TOILET FIXTURE.
3. LAYOUTS ARE DIAGRAMMATIC, SEE FLOOR PLANS FOR EXACT CONFIGURATIONS.
4. ALL DIMENSIONS ARE TO FINISH FACE



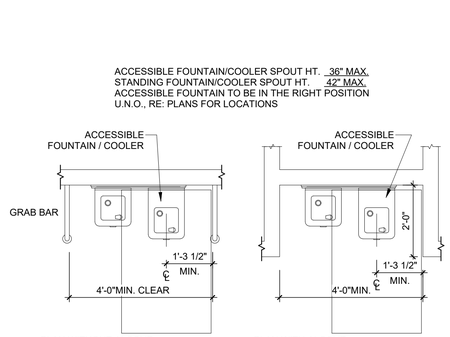
PLAN ROOM

BACK ELEVATION



PLAN CLOSET

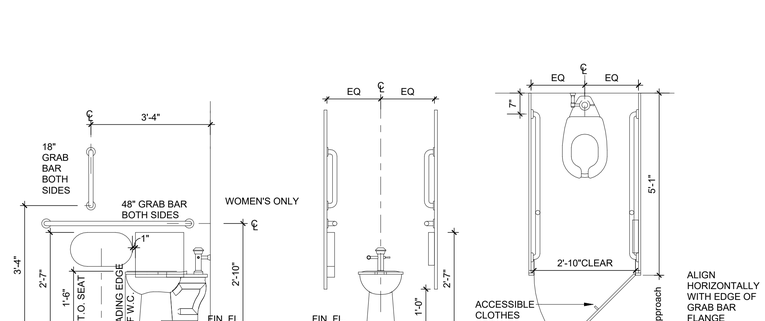
JANITOR'S ROOM-CLOSET - TYPE 'M'
1/2" = 1'-0"



PLAN WITHOUT ALCOVE

PLAN WITH ALCOVE

DRINKING FOUNTAINS
1/2" = 1'-0"



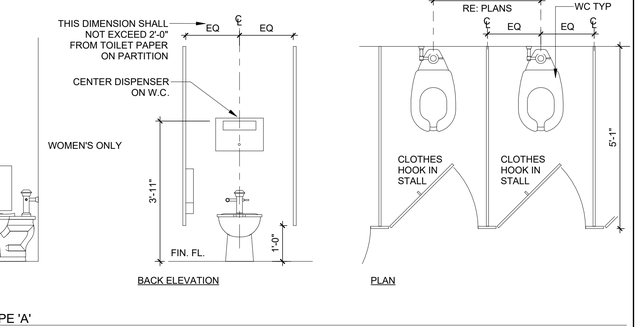
SIDE ELEVATION

BACK ELEVATION

PLAN

AMBULATORY TOILET STALLS - TYPE 'B'
1/2" = 1'-0"

ACCESSORY MOUNTING HEIGHTS
1/2" = 1'-0"



SIDE ELEVATION

BACK ELEVATION

PLAN

TYPICAL TOILET STALL - TYPE 'A'
1/2" = 1'-0"

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StraughnTrout.com

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

ADAAG STANDARDS

G-004

Autodesk Docs://2306 - Renovation to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V24.rvt
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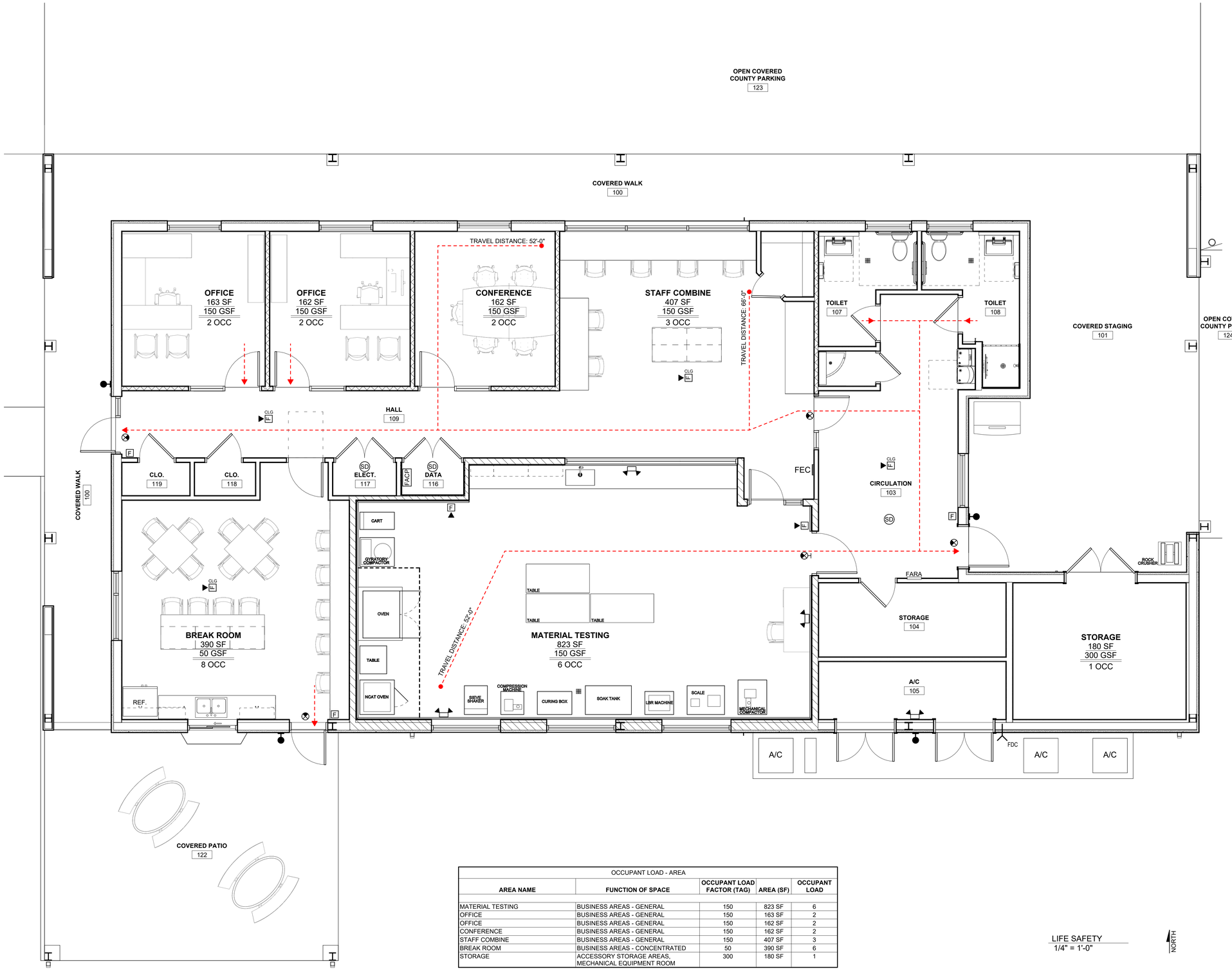

OCCUPANT LOAD - AREA				
AREA NAME	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR (TAG)	AREA (SF)	OCCUPANT LOAD
MATERIAL TESTING	BUSINESS AREAS - GENERAL	150	823 SF	6
OFFICE	BUSINESS AREAS - GENERAL	150	163 SF	2
OFFICE	BUSINESS AREAS - GENERAL	150	162 SF	2
CONFERENCE	BUSINESS AREAS - GENERAL	150	162 SF	2
STAFF COMBINE	BUSINESS AREAS - GENERAL	150	407 SF	3
BREAK ROOM	BUSINESS AREAS - CONCENTRATED	50	390 SF	6
STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300	180 SF	1

LIFE SAFETY
1/4" = 1'-0"

NORTH

GENERAL NOTES

LIFE SAFETY LEGEND

SYMBOL	DESCRIPTION
	MAIN EXIT PATHWAYS
	EXIT PATH
	EMERGENCY LIGHTING
	FIRE ALARM STROBE
	WALL MOUNTED EXTERIOR LIGHTING
	WALL MOUNTED EXIT SIGN
	CEILING MOUNTED EXIT SIGN
SD	SMOKE DETECTOR
CLG FL	FIRE ALARM -STROBE "CLG" - CEILING MOUNTED
F	FIRE ALARM MANUAL PULL STATION
F F	FIRE ALARM HEAT DETECTOR
FEC	FIRE EXTINGUISHER LOCATED IN A SEMI-RECESSED MOUNTED IN RATED CABINET. TOP OF CABINET AT 48". REFER TO SPECS.
KB	KNOX BOX
FE	PORTABLE FIRE EXTINGUISHER
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TERMINAL CABINET
STC#	SECURITY TERMINAL CABINET
68"	EXIT WIDTH CLEARANCE
FARA	FIRE ALARM REMOTE ANNUNCIATOR
PIC	PICTOGRAPHIC SIGN (SEE G101)
FDC	FIRE DEPARTMENT CONNECTION
	EMERGENCY BREAKOUT SIDELIGHT AND SLIDING DOOR

STRAUGHN TROUT ARCHITECTS
2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3601
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StraughnTrout.com

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FLORIDA LICENSE #AR96576

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

LIFE SAFETY

LS-101

Autodesk Docs://2306 - Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BUILDING_ROADS_R23.rvt
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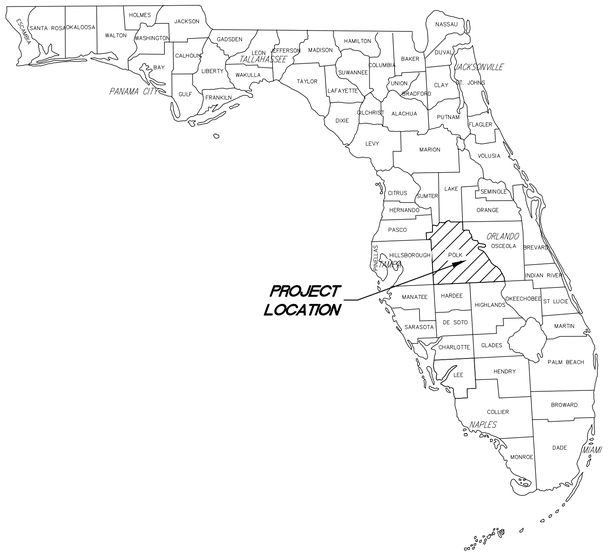


CONSTRUCTION DOCUMENTS FOR POLK COUNTY INSPECTION AND TESTING BUILDING

RAA #1

2867 SHEFFIELD ROAD
POLK COUNTY, FLORIDA
MARCH 2025

FOLIO ID: 25-29-15-000000-014000

PROJECT TEAM:

DEVELOPER/OWNER:
POLK COUNTY
FACILITIES MANAGEMENT
NABIL EL QEUIDI, PROJECT MANAGER
2160 MARSHALL EDWARDS DR.
BARTOW, FL 33830
TEL: (863) 534-5566
EMAIL: NABILELQEUIDI@POLK-COUNTY.NET

ARCHITECT:
STRAUGHN TROUT ARCHITECTS
GERALD TROUT, SENIOR PRINCIPAL
2005 E EDGEWOOD DRIVE
LAKELAND, FLORIDA 33803
TEL: 863-665-5205
EMAIL: JERRY@STRAUGHNTROUT.COM

CIVIL ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC
109 SOUTH KENTUCKY AVENUE
LAKELAND, FL 33801
TEL: (863) 701-8702
EMAIL: JASON.ALLIGOOD@KIMLEY-HORN.COM

SURVEYOR:
JOHN RICHARD NOLAND, JR.
SURVEYING AND MAPPING MANAGER
3000 SHEFFIELD ROAD
WINTER HEAVEN, FL 33880
(TEL): 863-535-2200
EMAIL: RICHARDNOLAND@POLK-COUNTY.NET

UTILITY PROVIDERS

WATER/WASTEWATER:
POLK COUNTY UTILITIES
1011 JIM KEENE BLVD.
WINTER HAVEN, FL 33880
TEL: (863) 298-4100

ELECTRIC:
TAMPA ELECTRIC COMPANY
CONTACT: LORENZO JONES
TEL: (813) 275-3427
ENGINEERING GROUP: CSAADMIN@TECOENERGY.COM

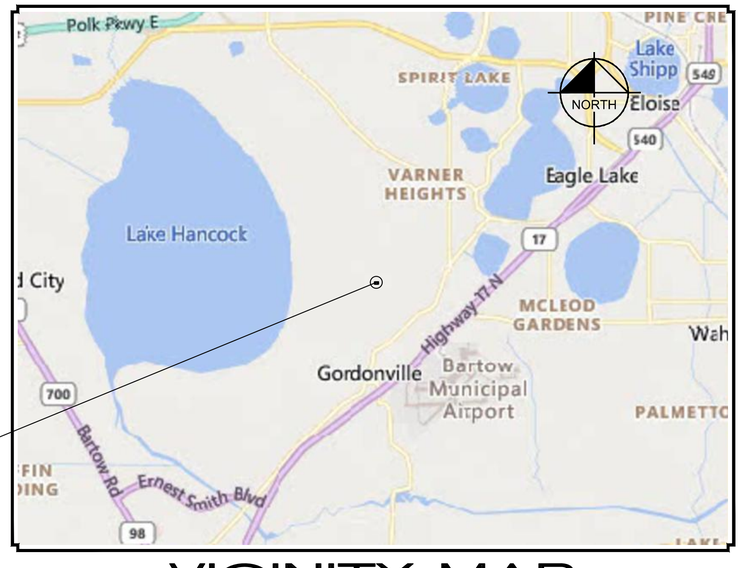
COMMUNICATIONS:
FRONTIER COMMUNICATIONS
TONI CANNON
120 E LIME ST.
LAKELAND, FL 33801
TEL: (813)-675-1014
EMAIL: TONI.CANNON@FTR.COM

NATURAL GAS:
GULFSTREAM NATURAL GAS SYSTEM
JAMES VILLARREAL
TEL: (941) 723-7100
WILLIAMS 24 HRS GAS CONTROL: (800) 440-8475
EMAIL: JAMES.P.VILLARREAL@WILLIAMS.COM

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988

HORIZONTAL DATUM: FLORIDA WEST ZONE, NORTH AMERICAN DATUM OF 1983

FLOOD ZONE: X (NONE)



PROJECT SITE

VICINITY MAP

N.T.S.

SECTION: 15
TOWNSHIP: 29 S
RANGE: 25 E

SHEET INDEX

C-000 COVER SHEET
C-010 GENERAL NOTES
C-011 GENERAL NOTES
C-020 AERIAL PLAN
C-030 EROSION CONTROL PLAN
C-040 EROSION CONTROL NOTES
C-050 DEMOLITION PLAN
C-100 SITE PLAN
C-200 GRADING AND DRAINAGE PLAN
C-300 UTILITY PLAN
C-400 UTILITY DETAILS
C-500 DETAILS

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY
4	COUNTY RAA #1	03-13-25	JAA
3	FOR COUNTY REVIEW	10-17-24	JAA
2	FOR COUNTY REVIEW	09-18-24	JAA
1	DESIGN DRAWING REVIEW	07-03-24	JAA

Kimley»Horn
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109 SOUTH KENTUCKY AVENUE, LAKELAND FL. 33801
PHONE: 863-701-8702
WWW.KIMLEY-HORN.COM REG NO.: 35106

JASON A. ALLIGOOD LICENSE No 71103 STATE OF FLORIDA PROFESSIONAL ENGINEER

KHA PROJECT 046192004
DATE 3/13/25
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY JAA

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JASON A. ALLIGOOD, P.E. #71103. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

COVER SHEET

INSPECTION AND TESTING BUILDING
PREPARED FOR
STRAUGHN TROUT
POLK COUNTY FLORIDA

SHEET NUMBER
C-000

Plotted By:Benling, Maria Sheet Set:Kha Layout:C-000 COVER SHEET March 13, 2025 05:13:09pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-000-COVR.dwg
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GENERAL NOTES

1. GENERAL NOTES APPLY TO ALL NOTE SECTIONS WITHIN THESE CONTRACT DOCUMENTS. FOR THE PURPOSES OF THESE NOTES, "ENGINEER" REFERS TO KIMLEY-HORN AND ASSOCIATES, INC. "OWNER" REFERS TO THE LEGAL END USER OF THE PROPOSED IMPROVEMENTS, "CONTRACTOR" SHALL BE THE SITE OR UNDERGROUND UTILITY CONTRACTOR OR ANY OF THEIR AGENTS, FORCES, SUBCONTRACTORS, OR EMPLOYEES AS MAY PERFORM THE WORK DEPICTED AND DESCRIBED WITHIN THESE CONTRACT DOCUMENTS. "AUTHORITIES HAVING JURISDICTION (AHJ)" SHALL BE THE FEDERAL, STATE, REGIONAL, COUNTY, OR LOCAL PUBLIC OR QUASI-PUBLIC PERMITTING AUTHORITY OR PRIVATE OWNER AS APPLICABLE. THE ENGINEER IS UNDER CONTRACT WITH THE CLIENT TO PRODUCE THESE CONTRACT DOCUMENTS.

2. A TOPOGRAPHIC AND BOUNDARY SURVEY FOR THIS PROJECT HAS BEEN PERFORMED BY POLK COUNTY SURVEYING & MAPPING SECTION DATED MAY 13, 2024 AND IS INCLUDED AS PART OF THIS DRAWING SET.

3. THE CONTRACTOR IS REQUIRED TO OBTAIN A COPY OF THE CURRENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTIONS" (SPECIFICATIONS) AND THE "STANDARD AND SPECIAL DRAWINGS FOR HIGHWAY CONSTRUCTION" (STANDARDS) AND THE CITY UTILITIES CODE STANDARDS AND SPECIFICATIONS AND BECOME FAMILIAR WITH THE CONTENTS PRIOR TO COMMENCING WORK, AND, UNLESS OTHERWISE NOTED, ALL WORK SHALL CONFORM AS APPLICABLE TO THESE SPECIFICATIONS AND STANDARDS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL MATERIAL, EQUIPMENT, AND LABOR TO CONSTRUCT THE IMPROVEMENTS AS SHOWN AND DESCRIBED WITHIN THE CONTRACT DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE AHJ SPECIFICATIONS AND STANDARD DRAWINGS AND/OR FDOT SPECIFICATIONS AND STANDARDS.

5. EXISTING UTILITIES AND SURVEYING BENCHMARKS/MONUMENTS SHOWN ON THE DRAWINGS HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE CLIENT OR THE ENGINEER. CONTRACTOR SHALL LOCATE ALL EXISTING PUBLIC OR PRIVATE UTILITIES AND BENCHMARKS/MONUMENTS, WHETHER OR NOT SHOWN ON THE DRAWINGS, BEFORE COMMENCING WORK. FURTHERMORE, THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES AND BENCHMARKS/MONUMENTS. THE CLIENT OR ENGINEER ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED DUE TO THE ACTION OR INACTION OF THE CONTRACTOR OR ANY OF THE FORCES UNDER HIS CONTROL. IF IT IS NECESSARY TO SHORE, BRACE, SWING, OR RELOCATE A UTILITY, THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK. ANY COSTS ASSOCIATED WITH SHORING, BRACING, SWINGING OR RELOCATING SUCH UTILITY AS WELL AS RESETTING BENCHMARKS/MONUMENTS SHALL BE BORN BY THE CONTRACTOR AT NO COST TO THE CLIENT OR ENGINEER.

6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK. THE CONTRACTOR SHALL PROVIDE 48 HOURS MINIMUM NOTICE TO ALL UTILITY COMPANIES (CALL 811) PRIOR TO BEGINNING CONSTRUCTION. A LIST OF THE UTILITY COMPANIES WHICH THE CONTRACTOR MUST CALL BEFORE COMMENCING WORK IS PROVIDED ON THE COVER SHEET OF THESE CONSTRUCTION PLANS. THIS LIST SERVES AS A GUIDE ONLY AND IS NOT INTENDED TO LIMIT THE UTILITY COMPANIES WHICH THE CONTRACTOR MAY WISH TO NOTIFY.

7. CONTRACTOR SHALL CONDUCT OPERATIONS ON SITE TO MINIMIZE DISRUPTION TO THE OWNER'S OPERATIONS, PUBLIC AND PRIVATE ROADS, WALKS, AND OTHER OCCUPIED OR USED FACILITIES WITHOUT THE PERMISSION OF THE AHJ.

8. CONTRACTOR SHALL SAFEGUARD EXISTING IMPROVEMENTS TO REMAIN. RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION OR BETTER ACCORDING TO THE AHJ OR OWNER AS APPLICABLE.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS AND BONDS PRIOR TO CONSTRUCTION.

10. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING DRAWINGS, SPECIFICATIONS, SPECIAL CONDITIONS, REQUIRED CONSTRUCTION PERMITS AND PERMIT SUPPORT DOCUMENTS SUCH AS THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP).

11. ANY DISCREPANCIES WITHIN THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER IN WRITING BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER AND ENGINEER.

12. ALL COPIES OF REQUIRED TEST RESULTS ARE TO BE SENT TO THE OWNER AND ENGINEER DIRECTLY FROM THE TESTING AGENCY.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING AND MAINTAINING AS-BUILT INFORMATION AS CONSTRUCTION PROGRESSES OR AT THE COMPLETION OF APPROPRIATE CONSTRUCTION INTERVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING TO THE ENGINEER CERTIFIED RECORD DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA DEPICTING THE ACTUAL FIELD LOCATION OF ALL CONSTRUCTED IMPROVEMENTS THAT ARE REQUIRED BY THE JURISDICTIONAL AGENCIES FOR THE CERTIFICATION PROCESS. REQUIRED AS-BUILT DATA IS DESCRIBED UNDER INDIVIDUAL SECTIONS OF THESE GENERAL SPECIFICATIONS.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK THAT WOULD BE AFFECTED. FAILURE TO NOTIFY OWNER AND ENGINEER OF AN IDENTIFIABLE CONFLICT PRIOR TO PROCEEDING WITH INSTALLATION RELIEVES OWNER AND ENGINEER OF ANY OBLIGATION TO PAY FOR A RELATED CHANGE ORDER.

15. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY TRAFFIC CONTROL (TTC), ALSO KNOWN AS MAINTENANCE OF TRAFFIC, ON ALL PUBLIC RIGHTS-OF-WAY AS WELL AS PRIVATE ROADWAYS USED BY THE TRAVELING PUBLIC. CONTRACTOR SHALL SUBMIT A TRANSPORTATION MANAGEMENT PLAN (TMP) PREPARED BY QUALIFIED PERSON TO THE ENGINEER FOR REVIEW PRIOR TO IMPLEMENTATION. ANY SUCH PLAN MAY BE SUBJECT TO OVERALL PROJECT CONDITIONS AND SHALL ACCOMODATE OWNER OPERATIONS AS REQUIRED. IF THE TMP IS REQUIRED TO BE APPROVED BY THE AUTHORITIES HAVING JURISDICTION, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ANY AND ALL PERMITS AND APPROVALS AS WELL AS REQUIRED COORDINATION WITH SUCH AUTHORITY AND BEAR ALL COSTS ASSOCIATED WITH THE EXECUTION OF THIS WORK.

16. CONTRACTOR SHALL PROPERLY SECURE AND SAFEGUARD THE PROPERTY AS NEEDED TO PREVENT THEFT AND VANDALISM AND PROTECT THE OWNER AND THE PUBLIC AT LARGE. SUCH MEASURES MAY INCLUDE SIGNAGE, FENCING, BARRICADES, AND OTHER ELEMENTS.

17. THE CONTRACTOR IS REQUIRED TO CONDUCT AND ADMINISTER ALL CONFERENCES AS MAY BE REQUIRED BY THE AHJ AND, AT A MINIMUM, CONDUCT ONE ON-SITE PRECONSTRUCTION CONFERENCE WITH THE OWNER AND ENGINEER IN ATTENDANCE TO DISCUSS AS-BUILT CREATION, FIELD OBSERVATION, TESTING, PHASING, AND OTHER REQUIREMENTS.

18. USE OF EXPLOSIVES OR BURNING ON SITE FOR ANY PURPOSE IS NOT PERMITTED.

DEMOLITION/ SITE CLEARING NOTES

1. SEE THE "GENERAL NOTES" SECTION OF THESE GENERAL SPECIFICATIONS REGARDING GENERAL NOTES APPLICABLE TO THIS SECTION.

2. DEMOLITION, CLEARING, OR GRUBBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROPRIATE EROSION AND SEDIMENTATION CONTROL MEASURES ARE INSTALLED AND DEMOLITION PERMIT COVERAGES HAVE BEEN OBTAINED. SEE EROSION AND SEDIMENTATION CONTROL NOTES FOR MORE INFORMATION

3. ALL EXISTING UTILITIES SHOWN ON THE DEMOLITION PLAN DRAWINGS ARE TO REMAIN UNLESS SPECIFICALLY SHOWN TO BE REMOVED OR ABANDONED IN PLACE AS NOTED. PIPED UTILITIES SHOWN TO BE ABANDONED IN PLACE SHALL BE GROUTED SOLID. STRUCTURES SHOWN TO BE ABANDONED IN PLACE SHALL HAVE THEIR BOTTOMS BROKEN AND FILLED WITH CLEAN SAND. IF PRESENT, EXISTING GREASE TRAPS, SEPTIC TANKS, OR SIMILAR STRUCTURES SHALL BE PUMPED OUT AND CLEANED BY A QUALIFIED CONTRACTOR PRIOR TO REMOVAL OR ABANDONMENT IN PLACE. IF PRESENT, BURIED PETROLEUM OR OTHER HAZARDOUS MATERIAL TANKS SHALL BE EMPTIED AND REMOVED BY AN APPROPRIATELY LICENSED CONTRACTOR.

4. TREES, WETLANDS, AND OTHER NATURAL FEATURES DESIGNATED TO REMAIN SHALL BE PROTECTED IN ACCORDANCE WITH THE LANDSCAPE DRAWINGS. AT A MINIMUM, ORANGE SAFETY FENCE, 2X4 WOODEN BARRIERS, OR OTHER APPROVED MEASURES SHALL BE ERECTED AT THE DRIP LINES OF TREES, WOODLINES, OR WETLAND BUFFER LIMITS UNLESS OTHERWISE DESCRIBED IN THE LANDSCAPE DRAWINGS.

5. EXISTING FEATURES AND IMPROVEMENTS SHALL BE DEMOLISHED AND REMOVED WITHIN THE LIMITS OF DEMOLITION WORK DEPICTED ON THE DRAWINGS UNLESS OTHERWISE NOTED.

6. HAZARDOUS MATERIALS ARE NOT EXPECTED ON SITE. HOWEVER, IF THE CONTRACTOR UNCOVERS OR SUSPECTS HAZARDOUS MATERIALS MAY BE PRESENT, HE SHALL STOP WORK AND IMMEDIATELY NOTIFY THE ENGINEER IN WRITING FOR FURTHER INSTRUCTION.

7. DEMOLISHED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND LEGALLY DISPOSED OF OFF SITE.

8. TOPSOIL SHALL BE STRIPPED FROM THE AREAS OF IMPROVEMENTS AND STOCKPILED ON SITE. TOPSOIL SHALL BE SCREENED TO REMOVE STONES LARGER THAN 2" IN DIAMETER, GRASS CLUMPS, TRASH AND DEBRIS. EXCESS TOPSOIL, SURPLUS TO THE NEEDS OF THE PROJECT, SHALL BECOME THE CONTRACTOR'S PROPERTY AND LEGALLY DISPOSED OF OFF SITE.

9. ORGANIC MATERIALS, TREES, SHRUBS, STUMPS AND ROOTS 1"ø AND LARGER SHALL BE CLEARED AND GRUBBED AND STOCKPILED ON SITE. WOODY MATERIALS MAY BE GROUND INTO MULCH AND USED IN PROPOSED LANDSCAPED AREAS. EXCESS ORGANIC MATERIALS, SURPLUS TO THE NEEDS OF THE PROJECT, SHALL BE BECOME THE CONTRACTOR'S PROPERTY AND LEGALLY DISPOSED OF OFF SITE.

10. WELLS TO BE SEALED/ABANDONED SHALL BE SEALED/ABANDONED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND OTHER AGENCIES HAVING JURISDICTION. EXISTING CASINGS SHALL BE REMOVED TO 24" BELOW FINISHED SUBGRADE. SHOULD THE CONTRACTOR DISCOVER ANY ADDITIONAL PREVIOUSLY UNIDENTIFIED WELLS DURING THE PROGRESS OF HIS WORK, HE SHALL NOTIFY THE ENGINEER IN WRITING FOR FURTHER INSTRUCTION REGARDING DISPOSITION.

PAVING, GRADING AND DRAINAGE NOTES (PART 1)

1. SEE THE "GENERAL NOTES" SECTION OF THESE GENERAL SPECIFICATIONS REGARDING GENERAL NOTES APPLICABLE TO THIS SECTION.

2. ALL MATERIALS AND WORKMANSHIP SUBJECT TO AN AHJ SHALL BE IN ACCORDANCE WITH THE AHJs SPECIFICATIONS AND STANDARDS (CURRENT EDITION) OR FDOT SPECIFICATIONS AND STANDARDS (CURRENT EDITION) IF NOT COVERED BY AUTHORITY.

3. CONTRACTOR SHALL COMPLETE THE WORK IN FULL AND IN ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND AHJ REQUIREMENTS. IN THE EVENT THE CONTRACT DOCUMENTS AND THE AHJ REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

4. SUBMITTALS

A. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR THE ENGINEER'S REVIEW PRIOR TO ACQUISITION:

A.A. AGGREGATE AND SOIL SUBMITTALS SHALL INCLUDE SOURCE, WHETHER OR NOT FROM AN FDOT APPROVED SOURCE, GRADATION/SIEVE ANALYSIS REPORTS, MOISTURE/DENSITY CURVES (PROCTORS), ATTERBERG LIMITS, CORROSIVITY TESTS, AND IDENTIFICATION FOR WHAT MATERIAL THE SUBMITTAL IS FOR (I.E. STABILIZATION, BASE, STRUCTURAL FILL), SPECIALTY SOILS, SUCH AS TOPSOIL, SHALL HAVE TEST RESULTS AND CERTIFICATIONS TO PROVE COMPLIANCE WITH THE REFERENCE SPECIFICATION.

A.B. ALL MANUFACTURED STORMWATER MANAGEMENT PRODUCTS, INCLUDING BUT NOT LIMITED TO, PIPE, PROPRIETARY TREATMENT OR DETENTION SYSTEMS, END SECTIONS, SEALANTS, GASKET MATERIALS, COATINGS, REINFORCING STEEL, VALVES, AND OTHER ACCESSORIES AND APPURTENANCES .

A.C. PRECAST CONCRETE STRUCTURES SHOP DRAWINGS SHALL SHALL BE UNIQUE TO EACH STRUCTURE, IDENTIFY FABRICATION FACILITY, REFERENCE STANDARDS AND CERTIFICATIONS, REINFORCEMENT SCHEDULE, AND CLEARLY IDENTIFY THAT THE STRUCTURE MEETS THE CRITERIA OF THE AHJ OR FDOT, AS APPROPRIATE.

A.D. STEEL/ IRON CASTINGS AND FABRICATIONS SHALL IDENTIFY FOUNDRY, REFERENCE STANDARDS AND CERTIFICATIONS AND SPECIFIC FDOT INDEX OR AUTHORITY HAVING JURISDICTION IDENTIFICATION CRITERIA. IF SUBSTITUTES ARE PROPOSED, IDENTIFY THE ITEM THE SUBSTITUTE IS FOR.

A.E. FDOT JOB FORMULAS FOR ASPHALT, FLOWABLE FILL AND PORTLAND CEMENT CONCRETE MIX DESIGNS AND ALL ANCILLARY PRIME AND TACK COATS, CURING COMPOUNDS, JOINT SEALANTS, ADMIXTURES, REINFORCING STEEL AND REINFORCING STEEL SUPPORTS, DOWELS.

A.F. HYDROSEEDING SEED MIXTURE CERTIFICATIONS, TACKIFIER MATRICES, SOD CERTIFICATIONS AND FARM/ MANUFACTURER OF ORIGIN.

A.G. GEOTEXTILE AND GEOGRID SUBMITTALS SHALL CLEARLY IDENTIFY WHAT ITEM IS BEING SUBMITTED FOR ALONG WITH TEST CRITERIA TO DEMONSTRATE COMPLIANCE WITH THE SPECIFIED ITEM.

5. PRODUCTS

A. AGGREGATES:

A.A. SUITABLE SOILS: IMPORTED OR ON-SITE EXCAVATED MATERIALS IDENTIFIED AS SUCH IN THE PUBLISHED GEOTECHNICAL REPORT FOR A PARTICULAR PURPOSE AND SHALL HAVE LESS THAN 12% FINES (PASSING #200 SIEVE) AND ORGANICS LESS THAN 5 % BY WEIGHT. IF NO GEOTECHNICAL REPORT IS AVAILABLE, SUITABLE SOILS FOR STRUCTURAL FILL WILL BE GRANULAR, NON-PLASTIC SOILS FREE OF ROOTS LARGER THAN 1"ø, ROCKS GREATER THAN 3" IN ANY DIRECTION, MUCK, PEAT, MARL, TRASH, CLAY BALLS, HAZARDOUS SUBSTANCES, OR OTHER DELETERIOUS MATERIALS.

A.B. UNSUITABLE SOILS: SOILS NOT MEETING THE REQUIREMENTS FOR SUITABLE SOILS. THESE SOILS MAY ALSO BE OTHERWISE SUITABLE SOILS THAT ARE LOOSE, SOFT, OR PUMPING IN THEIR IN-SITU STATE AND CANNOT BE IMPROVED IN PLACE; NOT DRIED/ WETTED TO PROPER MOISTURE CONTENT; OR IN EXCESS TO THE NEEDS OF THE PROJECT. SUCH UNSUITABLE SOILS SHALL BE REMOVED AND DISPOSED OF LEGALLY OFF-SITE OR REINSTALLED PER THE CRITERIA OF THE PUBLISHED GEOTECHNICAL REPORT.

A.C. STRUCTURAL FILL: SUITABLE SOILS THAT ARE DRIED/WETTED TO PROPER MOISTURE CONTENT, INSTALLED IN PROPER LIFTS, AND COMPACTED TO THE REQUIRED DENSITIES PER THE GEOTECHNICAL REPORT AND THOSE GENERAL CONDITIONS.

A.D. TOPSOIL: STRIPPED, SCREENED, AND AMENDED TOPSOIL FROM THE SITE THAT HAS BEEN EVALUATED BY THE LANDSCAPE ARCHITECT TO BE SUITABLE FOR LANDSCAPED AREAS OR IMPORTED SOILS MEETING SPECIFICATION 987.

A.E. CLAY CORE: CLAY MATERIALS USED IN EMBANKMENTS TO PREVENT THE MIGRATION OF IMPOUNDED WATERS TO EXTERIOR SLOPES THUS CAUSING SLOPE OR EMBANKMENT PIPING AND FAILURE. CLAYS SHALL BE HIGHLY IMPERMEABLE LEAN CLAYS WITH A LOW SODIC CONTENT. SUBMIT SAMPLES TO THE GEOTECHNICAL ENGINEER FOR EVALUATION PRIOR TO USE.

A.F. PAVEMENT BASE: MATERIALS THAT MEET THE REQUIREMENTS OF SPECIFICATION 911 FOR LIMEROCK AND RECYCLED CONCRETE AGGREGATE (RCA) BASE AS APPROPRIATE.

A.G. BEDDING STONE: PVC AND HDPE STORMWATER PIPES, PVC SANITARY SEWER PIPES, PVC POTABLE, REUSE, WATER AND FIRE MAINS AND SERVICES SHALL BE BEDDED IN #67 STONE PER FDOT SPECIFICATIONS 901 TABLE 1 AND 901-2.3. DUCTILE IRON PIPE (DIP), POLYETHYLENE PIPE (PE), AND REINFORCED CONCRETE PIPE (RCP) SHALL BE BEDDED IN SAND PER SPECIFICATIONS 902 AND 902-6.

A.H. RIP-RAP: SHALL BE BROKEN STONE AND MEET THE REQUIREMENTS OF SPECIFICATIONS 530 AND 530-2.1.3.2.

B. PIPE AND PIPE ACCESSORIES

B.A. REINFORCED CONCRETE PIPE (RCP): SHALL BE GASKETED PER SPECIFICATION 449-4 CLASS III, WALL B, UNLESS OTHERWISE NOTED.

B.B. HIGH DENSITY POLYETHYLENE PIPE (HDPE): SHALL BE GASKETED SOIL-TIGHT CORRUGATED SMOOTH LINED PIPE PER SPECIFICATION 948-2.3 (ADS N-12 OR APPROVED EQUAL).

B.C. POLYPROPYLENE (PP): SHALL BE DUAL WALL GASKETED CORRUGATED PIPE WITH SMOOTH INTERIOR PER SPECIFICATION 948-7 (ADS HP OR APPROVED EQUAL).

B.D. POLYVINYL CHLORIDE PIPE (PVC): SHALL BE GASKETED PIPE FDOT SPECIFICATION 948-1 SDR-35 UNLESS OTHERWISE NOTED IN DRAWINGS.

B.E. HDPE, PP, PVC, AND RCP END SECTIONS SECTIONS SHALL BE PER STANDARD 430-021. END SECTIONS IN THE PUBLIC RIGHT-OF-WAY SHALL BE PER STANDARD 430-022.

B.F. GEOTEXTILE FABRIC: FOR EXFILTRATION SYSTEMS AND TRENCHES, SHALL BE MIRAFI 140N OR APPROVED EQUAL. UNDERLAYMENT FOR RIP-RAP APRONS SHALL BE MIRAFI 1100N OR APPROVED EQUAL. ALL OTHER GEOTEXTILES OR GEOGRIDS SHALL BE PER THE PUBLISHED GEOTECHNICAL REPORT.

C. PRECAST CONCRETE STORMWATER STRUCTURES:

C.A. CATCH BASINS, AND CONTROL STRUCTURES: SHALL SHALL BE PRECAST PORTLAND CEMENT CONCRETE PER SPECIFICATION 621 AND STANDARD 425.

C.A.A. EXTERIOR OF STRUCTURES SHALL BE SHOP COATED WITH ASPHALT PRIOR TO DELIVERY TO THE JOB SITE.

C.A.B. UNLESS PROHIBITED BY THE AUTHORITY HAVING JURISDICTION, PIPE ENTRANCES FOR PLASTIC PIPE SHALL BE EQUIPPED WITH CAST-IN RUBBER BOOTS FOR SEALING ANNULAR SPACES UNLESS SKEWED OR CORNER CUT PIPE ENTRIES EXIST.

C.A.C. FRAMES AND GRATES SHALL BE TRAFFIC LOADING (H-20) RETICULINE STEEL UNLESS NOTED OTHERWISE.

D. PAVEMENTS AND PAVEMENT MATERIALS:

D.A. PORTLAND CEMENT CONCRETE: PORTLAND CEMENT CONCRETE FOR PAVEMENT SHALL MEET SPECIFICATIONS 346 AND 350. IN ADDITION, CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 4,000 PSI AT 28 DAYS AND SHALL USE TYPE II CEMENT. A MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW. PORTLAND CEMENT, WATER, ANCILLARY ADMIXTURES, CURING COMPOUNDS, JOINT SEALERS, REINFORCING STEEL AND REINFORCING STEEL ACCESSORIES SHALL MEET SPECIFICATIONS 350, 925, 931, 932, REINFORCING CARBON STEEL SHALL MEET SPECIFICATION 931.

D.B. ASPHALT CONCRETE: ASPHALT CONCRETE SHALL BE HOT-MIX SUPERPAVE MIXES CONFORMING TO SPECIFICATION 334 AND SHALL BE PROVEN FDOT APPROVED JOB MIX FORMULAS.

D.C. FLOWABLE FILL SHALL BE THE EXCAVATABLE TYPE PER SPECIFICATION 121.

D.D. PRIME AND TACK COATS: SHALL BE EMULSIFIED ASPHALTS (MS-2 FOR PRIME COAT/ RS-1 FOR TACK COAT) CONFORMING TO SPECIFICATION 300.

E. CURBS AND SIDEWALKS: CURBS SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH FDOT SPECIFICATION 520 AND STANDARDS 520-001 BUT SHALL USE 3,000 PSI CONCRETE. CONCRETE SIDEWALK SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH FDOT SPECIFICATION 522 AND STANDARDS 522-001.

6. EXECUTION

A. DEWATERING (IF APPLICABLE)

A.A. THE CONTRACTOR SHALL OBTAIN ANY APPLICABLE DEWATERING PERMITS PRIOR TO DEWATERING ACTIVITIES.

A.B. PRIOR TO ENGAGING IN EARTHWORK ACTIVITIES THAT MAY INVOLVE DEWATERING, CONTRACTOR SHALL HAVE IN PLACE THE NECESSARY BMPs, SUCH AS SEDIMENT TRAPS, BASINS AND SEDIMENT CONTAINMENT SYSTEM FILTER BAGS TO COLLECT AND TREAT DEWATERING EFFLUENTS FOR TURBIDITY PRIOR TO DISCHARGE INTO UNPROTECTED SYSTEMS INCLUDING WETLANDS.

A.C. CONTRACTOR SHALL TAKE CARE TO PREVENT EROSIVE CONDITIONS AS A RESULT OF DEWATERING ACTIVITIES. AT NO TIME SHALL THE CONTRACTOR ALLOW DEWATERING EFFLUENTS TO DISCHARGE INTO AREAS OF WORK WHERE DAMAGE TO SUCH WORK MAY RESULT.

A.D. IF SEDIMENT BASINS ARE INADEQUATELY SETTLING OUT SUSPENDED SOLIDS PRIOR TO DISCHARGE , THE CONTRACTOR MAY ADD CHEMICALS, SUCH AS ALUM, TO IMPROVE SETTLING. SUCH CHEMICALS AND APPLICATION RATES SHALL BE IN ACCORDANCE WITH THE AHJ.

B. EARTHWORKS AND GRADING

B.A. SUBGRADE PREPARATION: UPON COMPLETION OF DEMOLITION AND CLEARING AND GRUBBING ACTIVITIES AND ACCEPTANCE BY THE ENGINEER AND PRIOR TO FILLING, CONTRACTOR SHALL PROOF COMPACT EXPOSED SUBGRADE IN ALL CLEARED AREAS TO A DENSITY OF 95% PER ASTM D1557 TO A DEPTH OF TWO FEET BELOW GRADE WITH A LARGE VIBRATORY ROLLER WITH A MINIMUM CAPACITY OF 7,500 POUNDS. IF SOFT, YIELDING OR PUMPING OCCURS UNDER THE PROOF COMPACTION EFFORT, THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED FOR INVESTIGATION. DEFECTIVE SOIL SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL COMPACTED IN LIFTS AND TO DENSITIES IN ACCORDANCE WITH THE PUBLISHED GEOTECHNICAL REPORT UNTIL FILLED TO FINAL SUBGRADE ELEVATION. SOILS SHALL BE COMPACTED IN 12" MAX LOOSE LIFTS TO 95% PER ASTM D1557 AND MOISTURE CONDITIONED TO ±3% OF OPTIMUM. TESTS SHALL BE PER REQUIRED TESTING IN THIS SECTION.

B.B. PERFORM MASS EARTHWORKS IN THE AREA OF WORK TO ACHIEVE FINISH SUBGRADE ELEVATIONS. FILLS SHALL BE PLACED IN LIFTS, WETTED OR DRIED AS APPROPRIATE, ATOP FINISHED SUBGRADE THAT HAS BEEN SCARIFIED PRIOR TO PLACEMENT AND COMPACTED IN ACCORDANCE WITH THE PUBLISHED GEOTECHNICAL REPORT. USE HAND OPERATED PLATE COMPACTORS AND WALK BEHIND VIBRATORY ROLLERS WITHIN 5 FEET OF ANY STRUCTURE. DO NOT PERFORM COMPACTION ACTIVITIES EARLIER THAN 7 DAYS AFTER A CONCRETE WALL OR STRUCTURE POUR.

B.C. STRUCTURAL FILLS MAY CONTAIN NO PARTICLE LARGER THAN 3" IN ANY DIRECTION WITHIN 2' OF THE FINISHED SUBGRADE ELEVATION UNDER PAVEMENTS OR BUILDING SLABS. PARTICLE SIZE SHALL BE LIMITED TO 6" IN ANY DIRECTION FOR AREAS BELOW 2' UNDER THE FINISHED SUBGRADE OF PAVED OR BUILDING AREAS OR LANDSCAPED AREAS. UTILITY TRENCH BACKFILL ABOVE THE BEDDING ZONE, SHALL BE FREE OF STRUCTURAL FILL PARTICLES LARGER THAN 3".

B.D. FINE GRADE TO FINISHED SUBGRADE ELEVATIONS BETWEEN 0' TO (-) 0.04' WITHIN BUILDING AND PAVEMENT LINES AND +/- 0.2' OUTSIDE OF BUILDING AND PAVEMENT LINES. BLEND PROPOSED GRADES INTO EXISTING GRADES IN LANDSCAPED AREAS WITH RADII NOT LESS THAN 8'.

B.E. SOIL STOCKPILES SHALL BE LOCATED OUTSIDE THE DRIP LINES OF TREES AND TREE LINES TO REMAIN

C. STABILIZED SUBRADE

C.A. IN GENERAL, A 12" STABILIZED SUBGRADE TO FDOT LBR40 REQUIRES A 50% MIXTURE OF NATIVE UNSTABILIZED SOIL AND A STABILIZING AGENT AS IDENTIFIED IN SPECIFICATION 914. TESTING AND SUBMITTAL OF SUCH MIXTURES BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER IS REQUIRED PRIOR TO STABILIZED SUBGRADE CONSTRUCTION.

C.B. STABILIZED SUBGRADE OR ITS ALTERNATIVES SHALL BE WETTED TO WITHIN +/- 3% OF OPTIMUM MOISTURE AND COMPACTED TO 98% PER ASTM D1557.

C.C. STABILIZED SUBGRADE SHALL BE FINISHED (-)0.10' TO +0' (AVERAGE) FROM PROPOSED FINISHED SUBGRADE ELEVATIONS.

D. LIMESTONE AND/OR RECYCLED CONCRETE AGGREGATE BASE

D.A. BASE SHALL DUMPED AND SPREAD USING CONVENTIONAL CONSTRUCTION EQUIPMENT.

D.B. FOR TOTAL THICKNESSES OF UP TO 6", BASE MATERIALS MAY BE LAID IN A SINGLE LIFT. FOR TOTAL THICKNESSES GREATER THAN 6", BASE MATERIALS SHALL BE LAID IN TWO EQUAL LIFTS, BUT IN NO CASE SHALL BASE MATERIALS BE LAID IN A LIFT THICKNESS LESS THAN 4.5".

D.C. BASE MATERIALS SHALL NOT BE COMINGLED WITH TOPSOIL OR PLANTING MEDIA.

D.D. FINAL BASE GRADE SHALL BE FINISHED TO +/- 0.25 INCHES (AVERAGE) FROM PROPOSED FINISHED BASE ELEVATIONS.

D.E. PRIOR TO PRIMING, BASE SHALL BE BOARDED USING AN ALUMINUM "SKI" STRAIGHTEDGE OF APPROXIMATELY 2"X4"X12' FOR PLANE SURFACES (NOT ACROSS THE INVERT OR CROWN). HUMPS OR DEPRESSIONS GREATER THAN ½" SHALL BE REWORKED AND REBOARDED. DEPRESSIONS OR HUMPS SHALL BE SCARIFIED 2" AND NEW BASE MATERIAL PLACED, REGRADED AND COMPACTED. REPAIRS USING SCABS WILL NOT BE ALLOWED.

D.F. PRIMING SHALL BE DONE WITH DISTRIBUTOR OR WITH HAND WANDS AS APPROPRIATE AT 0.10 GAL/SY FOR BASE PER SPECIFICATION 300. APPLY BLOTTER SAND PER SPECIFICATION 300-2.2 USING SAND TRUCK.

E. ASPHALT CONCRETE PAVEMENT

E.A. SURFACES TO BE PAVED SHALL BE SWEPT CLEAN OF EXCESS BLOTTER SAND AND DEBRIS, AND HAVE HERBICIDE APPLIED AS APPROPRIATE.

E.B. EXISTING PAVEMENTS SHALL HAVE TACK COAT APPLIED AT 0.05 GAL/SY FOR NEW ASPHALT PAVEMENTS AND 0.07 GAL/SY FOR MILLED OR OXIDIZED/CRACKED ASPHALT SURFACES PER SPECIFICATION 300.

E.C. ASPHALT CONCRETE PAVEMENT SHALL BE ESTIMATED AT A YIELD OF 110#/SY/INCH AND SHALL BE LAID, COMPACTED AND FINISHED USING FDOT APPROVED EQUIPMENT FOR SUPERPAVE MIX DESIGNS. THICKNESSES NOTED IN THE DRAWINGS ARE AFTER COMPACTION.

E.D. JOINTS TO EXISTING PAVEMENTS SHALL BE "BULKHEAD" STYLE WHERE EXISTING PAVEMENT IS SAWCUT FOR A NEAT EDGE AND A FULL DEPTH CONNECTION CAN BE MADE. ASPHALT JOINTS SHALL BE STAGGERED ACCORDING TO THE DETAILS CONTAINED WITHIN THESE DRAWINGS.

E.E. TRENCHES FOR UTILITIES ACROSS EXISTING PAVEMENTS SHALL BE SAWCUT IN ACCORDANCE WITH THE DETAILS CONTAINED WITHIN THESE DRAWINGS.

E.F. SAWCUT EDGES SHALL BE "PAINTED BLACK" WITH TACK COAT.

E.G. PATCHES IN FINAL LIFTS OF ASPHALT SHALL BE NEATLY AND SQUARELY SAWCUT BEYOND THE DAMAGED OR CRACKED AREA; WET, DELETERIOUS, AND LOOSE MATERIALS REMOVED, AND REMAINING SURFACE TACKED. HOT-MIX ASPHALT MATCHING THE EXISTING PAVEMENT GRADATION SHALL BE LAID AND FINISHED BY HAND OR MACHINE AND COMPACTED AS APPROPRIATE. ASPHALT IN LIFTS OR SURFACE OTHER THAN FINAL LIFT CAN HAVE THE DAMAGED

PAVING, GRADING AND DRAINAGE NOTES (PART 2)

7. TOPSOIL, GRASSING AND MULCHING

A.A. TOPSOIL, EITHER FROM STOCKPILES ON SITE OR IMPORTED FROM FDOT APPROVED SOURCES, SHALL BE INSTALLED PER SPECIFICATION 570 AND COMPACTED IN ACCORDANCE WITH THE PUBLISHED GEOTECHNICAL REPORT AND SHALL BE FINISHED TO +/-0.2 FOOT OF FINISHED GRADE.

A.B. PERMANENT GRASS SEED AND MULCH, IF SPECIFIED ON THE DRAWINGS, SHALL BE HYDROSEEDED WITH A BONDED FIBRE MATRIX PER SPECIFICATIONS 570-3.4 AND 570-3.5.

A.C. SOD, IF SPECIFIED, SHALL BE LAID ACCORDING TO SPECIFICATION 570-3.3 AND MUST BE USED ON SLOPES STEEPER 6:1 (H:V) AND MUST BE PINNED ON SLOPES 3:1 (H:V) OR STEEPER.

A.D. PROPOSED SLOPES THAT ARE TO BE SODDED SHALL BE SODDED WITH 3 DAYS OF GRADING COMPLETION OF SUCH SLOPES.

A.E. UPON COMPLETION OF FINISH GRADING, A 2' WIDE SOD STRIP SHALL BE PLACED AT BACK EDGE OF ALL CURBS OR EDGES OF PAVEMENT OR AROUND CATCH BASINS AND INLETS IN UNPAVED AREAS AS APPROPRIATE.

A.F. PERMANENT AND TEMPORARY GRASSING MUST BE WATERED, FERTILIZED, HERBICIDES AND PESTICIDES APPLIED AND MAINTAINED (MOWED) UNTIL ESTABLISHMENT PER SPECIFICATION 570 OR UNTIL AFTER PROJECT CERTIFICATE OF OCCUPANCY OR SUBSTANTIAL COMPLETION IS ACHIEVED, WHICHEVER IS THE LATER DATE. APPLICATIONS OF FERTILIZER AND PESTICIDES SHALL ONLY BE THAT AMOUNT NEEDED TO MAINTAIN A HEALTHY STAND OF GRASS AND IN NO CASE SHALL EXCEED THE MANUFACTURER'S LIMITS.

8. REQUIRED OBSERVATIONS

B.A. CONTRACTOR SHALL NOTIFY ENGINEER 48 HOURS PRIOR TO REQUIRING THE FOLLOWING OBSERVATIONS:

B.A.A. DURING PROOFROLLING OPERATIONS AND REMOVAL AND REPLACEMENT OF SOFT AND YIELDING MATERIALS

B.A.B. FINISHED SUBGRADE/ STABILIZED SUBGRADE STRING LINING

B.A.C. FINISHED BASE PRIOR TO PRIMING, STRING LINING, AND BOARDING

B.A.D. PIPE JOINTS PRIOR TO BACKFILL

B.A.E. PIPE/STRUCTURE CONNECTIONS PRIOR TO BACKFILL

B.A.F. TELEVISING (OR LAMPING IF APPROVED) OF STORM SEWER PIPES AFTER BASE INSTALLATION AND PRIOR TO PAVING

B.A.G. AT LEAST ONE INSPECTION SHALL BE CONDUCTED BY THE ENGINEER OF RECORD TOWARD THE END OF PROJECT CONSTRUCTION TO MAKE AN EVALUATION OF CONFORMANCE OF THE WORK TO DESIGN INTENT AND PUBLISHED DRAWINGS.

9. REQUIRED TESTING:

A.A. FILLS AND EMBANKMENTS: A MINIMUM OF THREE (3) DENSITY TESTS PER DAY, PER LIFT OF FILL, PER 5,000 SQ FT OR FRACTION THEREOF SHALL BE PERFORMED INSIDE THE BUILDING AREA. A MINIMUM OF THREE (3) DENSITY TESTS PER DAY, PER LIFT OF FILL, PER 10,000 SQ FT OR FRACTION THEREOF SHALL BE PERFORMED OUTSIDE THE BUILDING AREA.

A.B. FOOTING SUBGRADES: AT LEAST ONE TEST OF EACH SOIL STRATUM WILL BE PERFORMED TO VERIFY DESIGN BEARING CAPACITIES. SUBSEQUENT VERIFICATION AND APPROVAL OF OTHER FOOTING SUBGRADES MAY BE BASED ON A VISUAL COMPARISON OF SUBGRADE WITH TESTED SUBGRADE WHEN APPROVED BY ENGINEER.

A.C. FOUNDATION WALL BACKFILL: FOR EACH COMPACTED BACKFILL LAYER, AT LEAST ONE (1) TEST FOR EVERY 100 FEET OR LESS OF WALL LENGTH BUT NO FEWER THAN THREE TESTS.

A.D. TRENCH BACKFILL: FOR EACH COMPACTED BACKFILL LAYER, AT LEAST ONE (1) TEST FOR EVERY 100 FEET OF TRENCH LENGTH BUT NO LESS THAN ONE TEST.

A.E. BASE: FOR EACH LIFT AT A RATE OF ONE (1) TEST PER 5,000 SQ. FT. MINIMUM OF THREE (3).

A.F. IF ADEQUATE BACKFILL COMPACTION IS CONSISTENTLY OBTAINED, THE TEST LAB MAY VARY THE FREQUENCY OF TESTING, WITH APPROVAL FROM THE ENGINEER.

A.G. PROOF-ROLLED SUBGRADE SHALL BE TESTED AT 1 TEST PER 5,000 SQ-FT (MINIMUM OF THREE).

9. REQUIRED AS-BUILT INFORMATION:

A.A. CONTRACTOR SHALL PREPARE AND SUBMIT AS-BUILTS TO THE ENGINEER FOR REVIEW IN ACCORDANCE WITH THE GENERAL NOTES. THE FOLLOWING INFORMATION SHALL BE PROVIDED.

A.A.A. ELEVATION OF COMPLETED BERMS AT 50 FT O.C.

A.A.B. TOP OF BANK, TOE OF SLOPE, TOE OF BENCH AND WATERLINE OF STORMWATER DETENTION BASINS

A.A.C. EMERGENCY OVERFLOW ELEVATIONS AND DIMENSIONS (IF APPLICABLE)

A.A.D. CONTROL STRUCTURE AND DRAINAGE STRUCTURE RIM, INVERT, ORIFICE INVERT ELEVATION AND DIMENSIONS, WEIR CREST INVERT, LENGTH AND HEIGHT ELEVATIONS AND DIMENSIONS, AND TOP AND BOTTOM OF SKIMMER ELEVATIONS. (IF APPLICABLE)

A.A.E. PIPE MATERIAL, SIZE, LENGTH AND PROPER AS-BUILT LOCATION AND DIMENSIONS.

A.A.F. INVERTS AND VERTICAL CLEARANCE OF PIPES AND SURFACE ELEVATIONS AT ALL PROPOSED PIPE CROSSINGS.

A.A.G. FINISHED PAVEMENT ELEVATIONS TAKEN AT PROPOSED SPOT ELEVATION LOCATIONS.

A.A.H. BASE PRIOR TO PAVING. APPROVAL OF BASE AS-BUILTS IF REQUIRED BY AHG, PRIOR TO PAVING.

A.A.I. CROSSING TABLES IN A .CSV FILE LISTING THE TOP PIPE, BOTTOM PIPE, PIPE SIZES, TOP PIPE INVERT, BOTTOM PIPE CROWN, AND VERTICAL CLEARANCES

A.A.J. PIPE AND STRUCTURE TABLES IN .CSV FILE LISTING THE NORTHING, EASTING, ELEVATION, DESCRIPTION, FINISHED GRADE, AND COVER

WATER AND SEWER UTILITY NOTES

1. SEE THE "GENERAL NOTES" SECTION OF THESE GENERAL SPECIFICATIONS REGARDING GENERAL NOTES APPLICABLE TO THIS SECTION.

2. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH POLK COUNTY UTILITY STANDARDS OR FDOT SPECIFICATIONS AND STANDARDS (CURRENT EDITION) IF NOT COVERED BY AUTHORITY.

3. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO CONSTRUCT DOMESTIC WATER DISTRIBUTION AND SANITARY SEWER COLLECTION SYSTEMS AND ALL ASSOCIATED LATERALS, SERVICE LINES, LIFT STATIONS, STRUCTURES, VALVES, FITTINGS, APPURTENANCES, METERS, PIPE RESTRAINTS, BACKFLOW PREVENTION ASSEMBLIES, GRAVITY AND FORCE MAIN AND SERVICE PIPES, ANCILLARY ELECTRIC SERVICE.

4. CONTRACTOR SHALL COMPLETE THE WORK IN FULL AND IN ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND AHJ REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE AHJ REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

5. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION (CALL 811) AND UTILITY PROVIDER COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL NOTES SECTION OF THIS GENERAL SPECIFICATIONS SHEET.

6. ALL MATERIALS AND CONSTRUCTION METHODS ARE SUBJECT TO THE APPROVAL OF THE AHJ.

7. SUBMITTALS

A. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING FOR THE ENGINEERS REVIEW PRIOR TO ACQUISITION:

A.A. ALL MANUFACTURED DOMESTIC WATER AND FIRE SERVICE WATER, AND SANITARY SEWER PRODUCTS, INCLUDING BUT NOT LIMITED TO: PIPE, FITTINGS, SEALANTS, GASKET MATERIALS, COATINGS, LININGS AND LINERS, REINFORCING STEEL, VALVES, HARDWARE, CONTROLS, ELECTRICAL COMPONENTS, AND OTHER ACCESSORIES AND APPURTENANCES. SUCH PRODUCTS SHALL IDENTIFY ALL CERTIFICATIONS, REFERENCE STANDARDS, AND APPROVALS INCLUDING AND SPECIFIC APPROVALS OR REFERENCES OF THE AHJ.

A.B. PRECAST CONCRETE STRUCTURE SHOP DRAWINGS SHALL SHALL BE UNIQUE TO EACH STRUCTURE, IDENTIFY FABRICATION FACILITY, REFERENCE STANDARDS AND CERTIFICATIONS, APPROVALS, REINFORCEMENT SCHEDULE, AND CLEARLY IDENTIFY THAT THE STRUCTURE MEETS THE CRITERIA OF THE AHJ OR FDOT, AS APPROPRIATE.

A.C. STEEL/ IRON CASTINGS AND FABRICATIONS SHALL IDENTIFY FOUNDRY, REFERENCE STANDARDS AND CERTIFICATIONS AND SPECIFIC FDOT INDEX OR AHJ IDENTIFICATION CRITERIA. IF SUBSTITUTES ARE PROPOSED, IDENTIFY THE ITEM THE SUBSTITUTE IS FOR.

A.D. MATERIALS USED FOR FIRE SERVICE SHALL HAVE FMG/UL CERTIFICATION OR APPROVAL.

8. PRODUCTS

A. DOMESTIC AND FIRE WATER

A.A. POLYETHYLENE (PE) RESIN 4710 PIPE FOR PRIVATE ON-SITE SERVICES SHALL BE DR9 PER ANSI/AWWA C901-17 AND C906-15 WITH SOCKET OR BUTT-FUSION JOINTS AND SHALL HAVE A BLUE IDENTIFICATION STRIPE.

A.B. PRIVATE ON-SITE POLYVINYLCHLORIDE (PVC) PIPE FOR WATER MAINS AND SERVICES SHALL BE SDR18 PER ANSI/AWWA C900-16, AS NOTED ON PLANS.

A.D. PRIVATE ON-SITE POLYVINYLCHLORIDE (PVC) PIPE FOR FIRE MAINS SHALL BE SDR14 PER ANSI/AWWA C900-16 AND UL 1285.

A.E. PRIVATE ON-SITE DUCTILE IRON PIPE (DIP) AND MECHANICAL JOINTS SHALL BE ZINC COATED, THICKNESS CLASS CL52 CEMENT MORTAR LINED WITH BLUE STRIPE AND MEETING THE REQUIREMENTS OF ANSI/AWWA C104-16; C111-17; C150-14; C151-17.

A.F. PRIVATE ON-SITE DUCTILE IRON PIPE (DIP) AND FITTINGS (FLANGED JOINT) SHALL BE ZINC COATED, THICKNESS CLASS CL52 CEMENT MORTAR LINED WITH BLUE STRIPE AND MEETING THE REQUIREMENTS OF ANSI/AWWA C104-16; C111-17; C150-14; C151-17; AND C115-11.

A.G. PRIVATE ON-SITE MECHANICAL DUCTILE IRON FITTINGS FOR PVC AND DUCTILE IRON PIPE SHALL BE MINIMUM CLASS 350 PUSH-ON GASKETED FITTINGS PER ASTM/AWWA C110-12; C153-19; C111-17.

A.H. PRIVATE ON-SITE MECHANICAL JOINT RESTRAINTS SHALL BE WEDGE ANCHOR ASSEMBLIES FOR DIP AND PVC PIPE. MEG-A-LUG BY EBAA IRON OR APPROVED EQUAL.

A.I. PRIVATE ON-SITE POLYETHYLENE ENCASEMENT FOR DIP SHALL BE PER ANSI/AWWA C105-18 V-BIO OR APPROVED EQUAL.

A.J. PRIVATE ON-SITE BURIED GATE VALVES SHALL BE MECHCANICAL JOINT, RESILIENT SEATED NON-RISING STEM PER AWWA C509-15; C550-17. VALVES WITH NUTS OVER 3 FEET IN DEPTH SHALL HAVE ROD EXTENSIONS

A.K. PRIVATE ON-SITE ABOVE GROUND GATE VALVES SHALL BE FLANGED JOINT, RESILIENT SEATED, OS&Y PER AWWA.

A.L. PRIVATE ON-SITE BACKFLOW PREVENTION DEVICES SHALL BE REDUCED PRESSURE ZONE (RPZ) OR DOUBLE CHECK VALVES (DCV) WITH LOCKED CHAINS PER THE AHJ. AT A MINIMUM, BACKFLOW PREVENTION DEVICES SHALL MEET THE REQUIREMENTS OF THE UNIVERSITY OF SOUTHERN CALIFORNIA'S FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH AS WELL AS THE AHJ'S REQUIREMENTS.

A.M. PRIVATE ON-SITE VALVE BOXES SHALL BE ADJUSTABLE CAST IRON H-20 LOADING CAPABILITY AND AWWA M44 OF SUFFICIENT LENGTH TO ACCOMODATE VALVES DEPTH, LOCKING TYPE IN TRAFFIC AREAS, AND THE WORD "WATER" CAST INTO THE LID.

A.N. FIRE HYDRANTS SHALL MEET POLK COUNTY UTILITIES REQUIREMENTS PER FIGURE WA-03.

A.O. PRIVATE ON-SITE FIRE DEPARTMENT CONNECTIONS SHALL BE SIAMESE PER NFPA 1963 AND UL 405 WITH TWO 2-1/2" INLETS AND 1-4" OUTLET WITH LUGGED CAPS, GASKETS AND CHAINS, LUGGED SWIVEL CONNECTION AND DROP CLAPPER.

B. SANITARY SEWER

B.E. POLYVINYL CHLORIDE (PVC) PIPE FOR GRAVITY SERVICE SHALL BE SDR-26 PER ASTM D 3034 AND ASTM F 477, EXTERIOR COLOR GREEN.

B.F. CLEANOUTS SHALL BE PER ASME A112.36.2M, ROUND OR HEXAGONAL, HEAVY DUTY GRAY-IRON HOUSING WITH CLAMPING DEVICE AND ROUND, SECURED, SCORIATED, GRAY-IRON COVER. THAT SHALL BE PLACED OVER THREADED AND PLUGGED PVC RISER.

B.G. FORCEMAIN PIPE SHALL BE POLYETHYLENE (PE) RESIN 4710 DR9 PIPE PER ANSI/AWWA C901-17 AND C906-15 WITH SOCKET OR BUTT-FUSION JOINTS AND SHALL HAVE A GREEN IDENTIFICATION STRIPE.

B.H. LIFT STATION COMPONENTS SHALL MEET UL508A, UL508, AND AWWA STANDARDS FOR THE VARIOUS FITTINGS, VALVES, APPURTENANCES

C. ANY PVC PIPE IN PUBLIC R/W SHALL BE SDR-26.

9. EXECUTION

A. THE CONTRACTOR SHALL CONSTRUCT GRAVITY SEWER LATERALS, LIFT STATION AND FORCEMAINS, AND DOMESTIC WATER AND FIRE PROTECTION SYSTEMS AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL FURNISH ALL NECESSARY MATERIALS, EQUIPMENT, MACHINERY, TOOLS, MEANS OF TRANSPORTATION AND LABOR NECESSARY TO COMPLETE THE WORK IN FULL AND COMPLETE ACCORDANCE WITH THE SHOWN, DESCRIBED AND REASONABLY INTENDED REQUIREMENTS OF THE CONTRACT DOCUMENTS AND JURISDICTIONAL AGENCY REQUIREMENTS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN. POLK COUNTY IS THE JURISDICTIONAL AGENCY REGARDING SANITARY SEWER SERVICES CONSTRUCTION AND MATERIALS.

B. ALL EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS FOR UTILITY LOCATION AND COORDINATION IN ACCORDANCE WITH THE NOTES CONTAINED IN THE GENERAL NOTES SECTION OF THIS GENERAL SPECIFICATIONS SHEETS.

C. THE CONTRACTOR SHALL RESTORE ALL DISTURBED VEGETATION IN KIND, UNLESS SHOWN OTHERWISE.

D. DEFLECTION OF PIPE JOINTS AND CURVATURE OF PIPE SHALL NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR THE AHJ REQUIREMENTS IF APPLICABLE. SECURELY CLOSE ALL OPEN ENDS OF PIPE AND FITTINGS WITH A WATERTIGHT PLUG WHEN WORK IS NOT IN PROGRESS. THE INTERIOR OF ALL PIPES SHALL BE CLEAN AND JOINT SURFACES WIPED CLEAN AND DRY AFTER THE PIPE HAS BEEN LOWERED INTO THE TRENCH. VALVES SHALL BE PLUMB AND LOCATED ACCORDING TO THE PLANS.

E. ALL PHASES OF INSTALLATION, INCLUDING UNLOADING, TRENCHING, LAYING AND BACK FILLING, SHALL BE DONE IN A FIRST CLASS WORKMANLIKE MANNER. ALL PIPE AND FITTINGS SHALL BE CAREFULLY STORED FOLLOWING MANUFACTURER'S RECOMMENDATIONS. CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE COATING OR LINING IN ANY D.I. PIPE FITTINGS. ANY PIPE OR FITTING WHICH IS DAMAGED OR WHICH HAS FLAWS OR IMPERFECTIONS WHICH, IN THE OPINION OF THE ENGINEER OR OWNER, RENDERS IT UNFIT FOR USE, SHALL NOT BE USED. ANY PIPE NOT SATISFACTORY FOR USE SHALL BE CLEARLY MARKED AND IMMEDIATELY REMOVED FROM THE JOB SITE, AND SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

F. WATER FOR FIRE FIGHTING SHALL BE AVAILABLE FOR USE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.

G. ALL UTILITY AND STORM DRAIN TRENCHES LOCATED UNDER AREAS TO RECEIVE PAVING SHALL BE COMPLETELY BACK FILLED IN ACCORDANCE WITH THE GOVERNING JURISDICTIONAL AGENCY'S SPECIFICATIONS. IN THE EVENT THAT THE CONTRACT DOCUMENTS AND THE JURISDICTIONAL AGENCY REQUIREMENTS ARE NOT IN AGREEMENT, THE MOST STRINGENT SHALL GOVERN.

H. UNDERGROUND LINES SHALL BE SURVEYED BY A STATE OF FLORIDA PROFESSIONAL LAND SURVEYOR PRIOR TO BACK FILLING.

I. CONTRACTOR SHALL PERFORM, AT HIS OWN EXPENSE, ANY AND ALL TESTS REQUIRED BY THE SPECIFICATIONS AND/OR ANY AGENCY HAVING JURISDICTION. THESE TESTS MAY INCLUDE, BUT MAY NOT BE LIMITED TO, INFILTRATION AND EXFILTRATION, TELEVISION INSPECTION AND A MANDREL TEST ON GRAVITY SEWER. A COPY OF THE TEST RESULTS SHALL BE PROVIDED TO THE UTILITY PROVIDER, OWNER AND JURISDICTIONAL AGENCY AS REQUIRED.

J. ANY SANITARY MANHOLES WITHIN PRIVATE PROPERTY SHALL NOT HAVE POLK COUNTY UTILITIES ON THEM.

POLK COUNTY LAND DEVELOPMENT DIVISION STANDARD NOTES

1. TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED PRIOR TO OPENING A NEW OR MODIFIED ROAD.

2. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF APPENDIX A OF THE POLK COUNTY LAND DEVELOPMENT CODE AND THE POLK COUNTY UTILITIES CODE, AS APPLICABLE.

3. CHANGES FROM PLANS OR SPECIFICATIONS SUBSTANTIALLY AFFECTING CONFORMANCE TO STANDARDS OR PERFORMANCE OF SYSTEMS MUST BE SUBMITTED IN A WRITTEN REQUEST BY THE ENGINEER OF RECORD AND RECEIVE WRITTEN APPROVAL BY THE COUNTY ENGINEER PRIOR TO THE IMPLEMENTATION OF SUCH CHANGES, UNLESS OTHERWISE PROVIDED FOR IN THE POLK COUNTY LAND DEVELOPMENT CODE OR THE POLK COUNTY UTILITIES CODE. MAJOR MODIFICATIONS MAY REQUIRE AN APPROVAL BY THE DEVELOPMENT REVIEW COMMITTEE. IN SUCH CASES, THE APPLICANT SHALL SUBMIT THE APPROPRIATE APPLICATION AND FEES FOR A NEW REVIEW AT THE LEVEL OF THE ORIGINAL APPROVAL, OR LEVEL 2, WHICHEVER IS GREATER.

4. THE CONTRACTOR SHALL NOTIFY POLK COUNTY INSPECTIONS STAFF (863) 534-6449, AT LEAST FIVE (5) WORKING DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND PRIOR TO ANY ACTIVITY REQUIRING INSPECTION, INCLUDING SITE PAVING.

5. TO SCHEDULE THE REQUIRED PRE-CONSTRUCTION MEETING, THE ENGINEER OF RECORD SHALL CONTACT THE POLK COUNTY LAND DEVELOPMENT DIVISION, OFFICE OF THE COUNTY ENGINEER AT (863) 534-6449.

6. AT THE COMPLETION OF CONSTRUCTION, AND PRIOR TO BENEFICIAL USE OF ANY FACILITY OR SYSTEM, AS-BUILT RECORD DRAWINGS SHALL BE SUBMITTED AND APPROVED IN ACCORDANCE WITH POLK COUNTY UTILITIES CODE, CHAPTER 2, PART 3.01 AND THE POLK COUNTY LAND DEVELOPMENT CODE, APPENDIX A, SECTION A406.C.

7. MOT FOR THE PROJECT WILL BE IN ACCORDANCE WITH THE CURRENT FDOT TRAFFIC CONTROL REQUIREMENTS THROUGH WORK ZONES, SECTION 102-600 SERIES, OF THE FDOT STANDARD PLANS.

8. THE ASPHALT PAVEMENT WILL EXTEND ¼ INCH ABOVE THE ROAD SIDE EDGE FOR ALL CURB AND GUTTER CONSTRUCTED ON PUBLIC OR PRIVATE ROADS.

9. POLK COUNTY IS NOT RESPONSIBLE FOR DESIGN AND/OR PLAN ERRORS. ALL CONSTRUCTION WITHIN POLK COUNTY R/W SHALL BE IN ACCORDANCE WITH POLK COUNTY AND FDOT STANDARDS AND SPECIFICATIONS. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF APPENDIX A OF THE POLK COUNTY LAND DEVELOPMENT CODE AND THE POLK COUNTY UTILITIES CODE, AS APPLICABLE.

No.	REVISIONS	DATE	BY
4	COUNTY RAA #1	03-13-25	JAA
3	FOR COUNTY REVIEW	10-17-24	JAA
2	FOR COUNTY REVIEW	09-18-24	JAA
1	DESIGN DRAWING REVIEW	07-03-24	JAA

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109 SOUTH KENTUCKY AVENUE, LAKELAND FL, 33801
PHONE: 863-701-5702
WWW.KIMLEY-HORN.COM REG NO.: 35106

JASON A. ALLIGOOD LICENSE No 71103 STATE OF FLORIDA PROFESSIONAL ENGINEER

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KHA PROJECT 046192004
DATE 3/13/25
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY JAA

INSPECTION AND TESTING BUILDING
PREPARED FOR
STRAUGHN TROUT
POLK COUNTY FLORIDA

GENERAL NOTES

SHEET NUMBER
C-011

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! DIAL 811
811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Plotted By:Bentley, Maria Sheet Set:Kha Layout:C-011 GENERAL NOTES March 13, 2025 05:13:21pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-010-NOTE.dwg
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Plotted By:Behling, Maria Sheet Set:Kha Layout:C-020 AERIAL PLAN March 13, 2025 05:13:34pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-020-AERIAL.dwg

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GRAPHIC SCALE IN FEET
0 50 100 200

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INSPECTION AND TESTING BUILDING

PREPARED FOR
STRAUGHN TROUT
POLK COUNTY FLORIDA

AERIAL PLAN

KHA PROJECT	046192004
DATE	3/13/25
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	JAA

JASON A. ALLIGOOD
LICENSE
No 71103
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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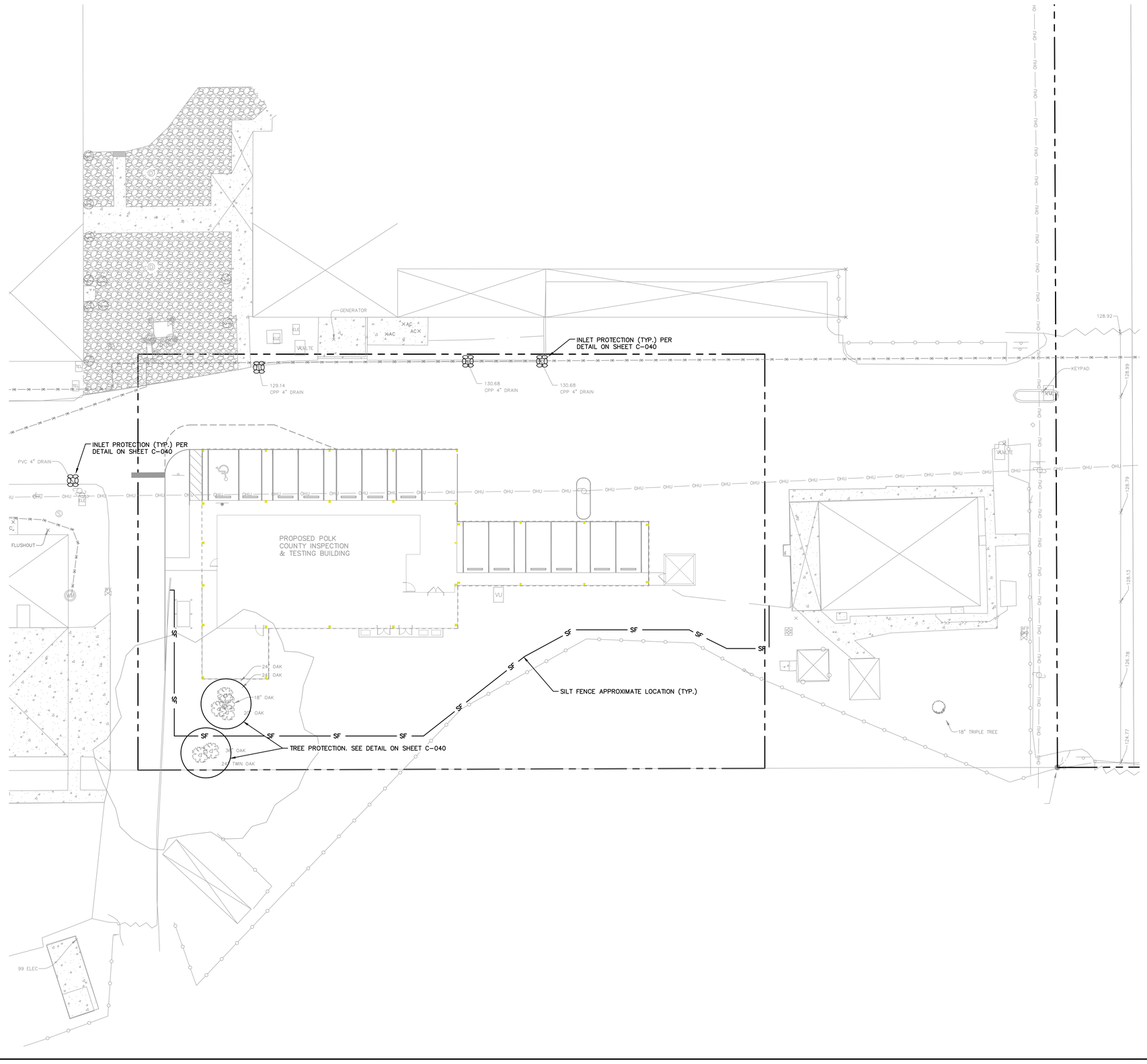
3	FOR COUNTY REVIEW	10-17-24	JAA
2	FOR COUNTY REVIEW	09-18-24	JAA
1	DESIGN DRAWING REVIEW	07-03-24	JAA



GRAPHIC SCALE IN FEET
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NORTH

LEGEND:

SF — SILT FENCE

INLET PROTECTION

NOTES:

1. SILT FENCE DEPICTED FOR CLARITY. CONTRACTOR RESPONSIBLE TO LOCATE AND ADJUST AS NEEDED TO COMPLETE IMPROVEMENTS.
2. CONTRACTOR IS TO PROVIDE APPROVED EROSION CONTROL/SEDIMENTATION BARRIERS TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, CONTRACTOR SHALL PLACE STRAW, MULCH OR OTHER SUITABLE MATERIAL AS NEEDED ON THE GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT THE SITE.

No.	REVISIONS	DATE	BY
4	COUNTY RAA #1	03-13-25	JAA
3	FOR COUNTY REVIEW	10-17-24	JAA
2	FOR COUNTY REVIEW	09-18-24	JAA
1	DESIGN DRAWING REVIEW	07-03-24	JAA

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KHA PROJECT 046192004
DATE 3/13/25
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY JAA

EROSION CONTROL PLAN

INSPECTION AND TESTING BUILDING

PREPARED FOR
STRAUGHN TROUT
POLK COUNTY FLORIDA

SHEET NUMBER
C-030

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Plotted By: Behling, Maria Sheet Set: Kha Layout: C-030 EROSION CONTROL PLAN March 13, 2025 05:13:46pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-030-EROS.dwg
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BEST MANAGEMENT PRACTICES:

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF LOCAL, STATE, AND FEDERAL REGULATIONS. THE PLAN ADDRESSES THE FOLLOWING AREAS:

1. GENERAL EROSION CONTROL.
2. PROTECTION OF SURFACE WATER QUALITY DURING AND AFTER CONSTRUCTION.
3. CONTROL OF WIND EROSION.

THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMP(S). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN FDOT EROSION AND SEDIMENT CONTROL MANUAL AND AS NECESSARY FOR EACH SPECIFIC APPLICATION.

CLEARING AND SITE PREPARATION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE EROSION CONTROL DEVICES, AS SHOWN ON THE CONSTRUCTION PLANS, PRIOR TO ANY SITE CLEARING AND/OR DEMOLITION. REFER TO THE "EROSION CONTROL NOTES" SECTION CONTAINED HEREIN FOR ADDITIONAL REQUIREMENTS.
2. PRIOR TO ANY SITE CLEARING, ALL TREES SHOWN TO REMAIN, AS INDICATED ON THE CONSTRUCTION PLANS, SHALL BE PROTECTED IN ACCORDANCE WITH LOCAL TREE ORDINANCES AND DETAILS CONTAINED IN THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION. NO TREE(S) SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE OWNER AND THE LOCAL AGENCY HAVING JURISDICTION OVER THESE ACTIVITIES.
3. THE CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. ALL DISTURBED AREAS MUST BE SEEDED, MULCHED, SODDED OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING CONSTRUCTION.
4. THE TOP 4" TO 6" OF GROUND REMOVED DURING CLEARING AND GRUBBING ACTIVITIES SHALL BE STOCKPILED, TO BE USED FOR LANDSCAPING PURPOSES, UNLESS OTHERWISE DIRECTED BY THE OWNER. REMAINING EARTHWORK THAT RESULTS FROM CLEARING AND GRUBBING OR SITE EXCAVATION IS TO BE UTILIZED ON-SITE, PROVIDED THE MATERIAL IS DEEMED SUITABLE BY THE OWNER'S SOILS TESTING COMPANY. EXCESS MATERIAL IS TO EITHER BE STOCKPILED ON-SITE, AS DIRECTED BY THE OWNER OR OWNER'S ENGINEER, OR REMOVED FROM THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING ANY EXCESS MATERIAL FROM THE SITE.
5. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
6. THE CONTRACTOR IS TO PREPARE THE SITE IN ACCORDANCE WITH THE SOILS REPORT, COPIES OF WHICH ARE AVAILABLE THROUGH THE OWNER OR SOILS TESTING COMPANY DIRECTLY.
7. CONTRACTOR TO BE RESPONSIBLE FOR INSTALLATION OF TEMPORARY CONSTRUCTION FENCE AROUND ENTIRE PERIMETER OF PROPERTY. TYPE OF FENCE TO BE SUBMITTED BY CONTRACTOR TO ENGINEER FOR APPROVAL.
8. THE CONTRACTOR SHALL REMOVE ALL VEGETATION, SURPLUS SOIL, DEMOLITION RUBBLE, AND OTHER UNDESIRABLE MATERIALS. SUCH MATERIALS SHALL BE PROMPTLY HAULED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH GOVERNING LAWS AND CODES.

DEMOLITION NOTES (IF NECESSARY):

1. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES.
2. EXTENT OF SITE CLEARING IS SHOWN ON DRAWINGS.
3. SITE DEMOLITION WORK INCLUDES, BUT IS NOT LIMITED TO:
   A. ROADWAY
   B. DRAINAGE AREA
   C. SITE UTILITIES
   D. LANDSCAPING
4. CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
5. PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED ON PLAN "EXISTING TO REMAIN."
6. RESTORE DAMAGED IMPROVEMENTS TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
7. REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF SITE IN A LEGAL MANNER.
8. LOCATE EXISTING ABOVE-GROUND AND UNDERGROUND UTILITIES IN AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING DEMOLITION OPERATION.
9. SHOULD UNCHARTED, OR INCORRECTLY CHARTED, PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING DEMOLITION, CONSULT PROJECT ENGINEER AND UTILITY OWNER FOR IMMEDIATE ACTION.
10. DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTES "TO BE REMOVED."
11. PROTECT: STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, OTHER FACILITIES FROM DAMAGE CAUSED BY: SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.
12. FOR SELECTIVE CLEARING REFER TO LANDSCAPE PLAN.
13. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO EXISTING CONDITIONS OR BETTER. FURTHERMORE, CONTRACTOR SHALL PROVIDE TO THE ENGINEER A PHOTOGRAPH OF PRE-CONSTRUCTION CONDITIONS AND POST-CONSTRUCTION CONDITIONS AS NOTED ON PLANS.
14. CONTRACTOR SHALL MAINTAIN STORMWATER MANAGEMENT SYSTEM TO INSURE NO DAMAGE TO ADJACENT PROPERTIES OCCURS DURING 100-YEAR STORM EVENTS.

EROSION AND SILTATION CONTROL:

1. GENERAL: ALL EROSION AND SILTATION CONTROL METHODS SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION. DURING CONSTRUCTION, CLEARED AREAS SHALL BE COVERED BY MULCHES SUCH AS STRAW, HAY AND FILTER FABRIC. ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS OR HAY BALES. THESE SHALL BE MAINTAINED AND MODIFIED DURING THE CONSTRUCTION PROCESS TO MINIMIZE DOWNSTREAM SILTATION. WHEN CONSTRUCTION IS COMPLETED, DETENTION AREAS WILL BE RESHAPED, CLEANED OF SILT, MUD AND DEBRIS, AND RE-SODDED TO PROPERLY DETAIN THE INTENDED STORM QUANTITIES.
2. PROTECTION AND STABILIZATION OF ON-SITE SOIL STOCKPILES: FILL MATERIAL STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ON-SITE DRAINAGE CONTROLS THAT PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES MAY BE REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY UNSTOCKPILED MATERIAL REMAIN MORE THAN THIRTY (30) CALENDAR DAYS AFTER SUBSTANTIAL PROJECT COMPLETION.
3. PROTECTION OF EXISTING STORM SEWER SYSTEMS: DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION.
4. SEDIMENT BASINS AND SEDIMENT TRAPPING MEASURES: PERIMETER BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED OR, IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BEFORE ANY OTHER DISTURBANCE OF THE SITE BEGINS. EARTHEN STRUCTURES INCLUDING BUT NOT LIMITED TO BERMS, EARTH FILTERS, DAMS OR DIKES SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OR EROSION WITHIN ONE WEEK OF INSTALLATION.
5. SWALES, DITCHES AND CHANNELS: CHANNELS LEADING FROM THE SITE SHALL BE SODDED WITH ARGENTINE BAHIA WITHIN THREE (3) DAYS OF EXCAVATION.
6. UNDERGROUND UTILITY CONSTRUCTION: UNDERGROUND UTILITY LINES AND OTHER STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FOLLOWING STANDARDS:
   A. NO MORE THAN 500 LINEAR FEET OF TRENCH SHALL BE OPEN AT ANY ONE TIME;
   B. EXCAVATED MATERIAL SHALL BE CAST TO THE UPHILL SIDE OF TRENCHES AS LONG AS SAFETY AND SPACE CONSIDERATION ALLOW. TRENCH MATERIAL SHALL NOT BE CAST INTO, (OR ONTO THE SLOPE OF) ANY STREAM, CHANNEL, ROAD, DITCH OR WATERWAY.
7. ALL EROSION AND SILTATION CONTROL DEVICES: SHALL BE REGULARLY INSPECTED AND MAINTAINED, (ESPECIALLY AFTER EACH RAINFALL) AND WILL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
8. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO RAIN SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE STORMWATER SYSTEM.
9. APPLICATION RATES AND METHODS FOR USE OF FERTILIZERS AND PESTICIDES AT THE CONSTRUCTION SITE SHALL CONFORM WITH ALL LOCAL AND STATE ORDINANCES. NUTRIENTS SHALL BE APPLIED ONLY AT RATES NECESSARY TO ESTABLISH AND MAINTAIN VEGETATION SUCH THAT DISCHARGES WILL NOT CAUSE OR CONTRIBUTE TO VIOLATIONS OF STATE SURFACE OR GROUNDWATER QUALITY STANDARDS.
10. OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED BY CONTRACTOR.

SECTION 1 GENERAL EROSION CONTROL:

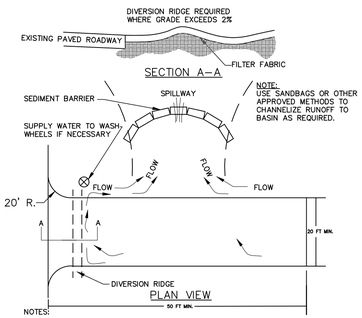
1. GENERAL EROSION CONTROL BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL POND SLOPE FAILURES. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION ACTIVITIES.
2. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY USED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY AND/OR OVERSEEDED AND SUFFICIENTLY WATERED TO STABILIZE THE TEMPORARY GROUNDCOVER.
3. BANKS OF RETENTION/DETENTION PONDS SHALL NOT BE CONSTRUCTED STEEPER THAN 4H:1V FROM TOP OF BANK TO TWO FEET BELOW THE CONTROL ELEVATION.
4. A 1-FOOT WIDE STRIP OF SOD SHALL BE PLACED ALONG ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
5. THE CONTRACTOR WILL STABLIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING COMPLETION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY THE OWNER. THE CONTRACTOR IS TO COORDINATE WITH THE OWNER REGARDING THE TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS.

SECTION 2 PROTECTION OF SURFACE WATER QUALITY DURING AND AFTER CONSTRUCTION:

1. SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING THE FOLLOWING BEST MANAGEMENT PRACTICES IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.
2. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
3. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:
   A. GENERAL EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.
   B. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION AS SHOWN IN FDOT INDEX 102. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE.
4. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND, AND SEDIMENTSUMPS WITHIN SUCH AREAS TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.
5. SILT BARRIERS: ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.
6. PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE BY INSTALLING A TEMPORARY SEDIMENT SUMP AS REQUIRED. THE TEMPORARY SEDIMENT SUMP SHALL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED ON THE GROUND DRAINING TO THE SUMP.

SECTION 3 CONTROL OF WIND EROSION:

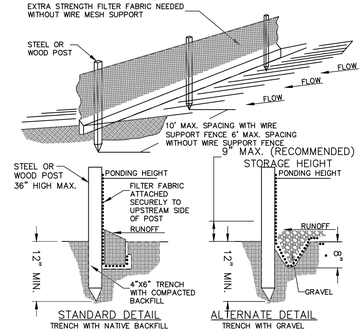
1. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:
   A. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.
   B. AS SOON AS PRACTICAL AFTER COMPLETION OF CONSTRUCTION BARE EARTH AREAS SHALL BE VEGETATED.
   C. ANY TIME DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR THE TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS MAY INCLUDE ERECTION OF DUST CONTROL FENCES. DUST CONTROL FENCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT INDEX 102, EXCEPT THE MINIMUM HEIGHT SHALL BE 4 FEET.



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

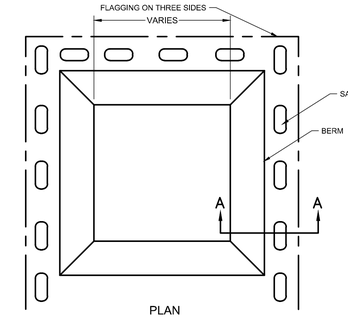
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



NOTE:

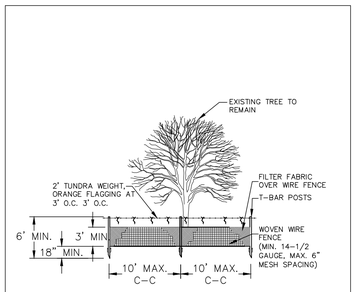
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE DETAIL



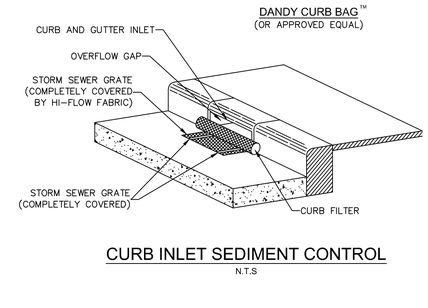
NOTE: CONCRETE WASHOUT SHALL BE SIZED APPROPRIATELY FOR CONCRETE POUR TASK AT HAND

CONCRETE WASHOUT AREA
SCALE: NTS

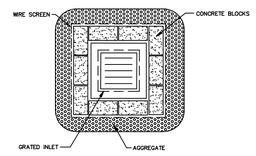


NOTES:
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES.
2. FILTER FABRIC TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF GEOTEXTILE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT UNLESS INDICATED OTHERWISE.

COMBINED SILT AND NATURAL RESOURCE PROTECTION FENCE



CURB INLET SEDIMENT CONTROL
N.T.S



1. PLACE CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES, WITH ENDS OF ADJACENT BLOCKS ABUTTING.
2. HEIGHT OF BARRIER VARIES, USE STACKS OF 4-INCH, 8-INCH, OR 12" BLOCKS. MIN. HEIGHT OF BARRIER 12" AND MAX. HEIGHT OF 24"
3. PLACE HARDWARE CLOTH/WIRE MESH W/ MAX. 1/2" OPENINGS OVER VERTICAL FACE OF CONCRETE BLOCKS.
4. THE AGGREGATE SHALL BE ANY NON-ERODIBLE MATERIAL SUCH AS LOOSE ROCK, BROKEN CONCRETE THAT WILL SLOW THE FLOW OF THE WATER AND ALLOW IT TO FILTER THROUGH AND OVER THE MATERIAL BEFORE ENTERING THE INLET.

BLOCK AND AGGREGATE INLET SEDIMENT DEVICE

No.	REVISIONS	DATE	BY
1	DESIGN DRAWING REVIEW	07-03-24	JAA
2	FOR COUNTY REVIEW	09-18-24	JAA
3	FOR COUNTY REVIEW	10-17-24	JAA
4	COUNTY RAI #1	03-13-25	JAA

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PHONE: 863-701-8702
WWW.KIMLEY-HORN.COM REG NO.: 35106

JASON A. ALLIGOOD No 71103 STATE OF FLORIDA PROFESSIONAL ENGINEER

KHA PROJECT 046192004
DATE 3/13/25
SCALE AS SHOWN
DESIGNED BY KHA
DRAWN BY KHA
CHECKED BY JAA

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EROSION CONTROL NOTES

INSPECTION AND TESTING BUILDING
PREPARED FOR
STRAUGHN TROUT
POLK COUNTY FLORIDA

SHEET NUMBER
C-040

CALL 48 HOURS BEFORE YOU DIG
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811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Plotted By:Bettling, Maria Sheet Set:Kha Layout:C-040 EROSION CONTROL NOTES March 13, 2025 05:13:56pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-040-EROS-NOTE.dwg
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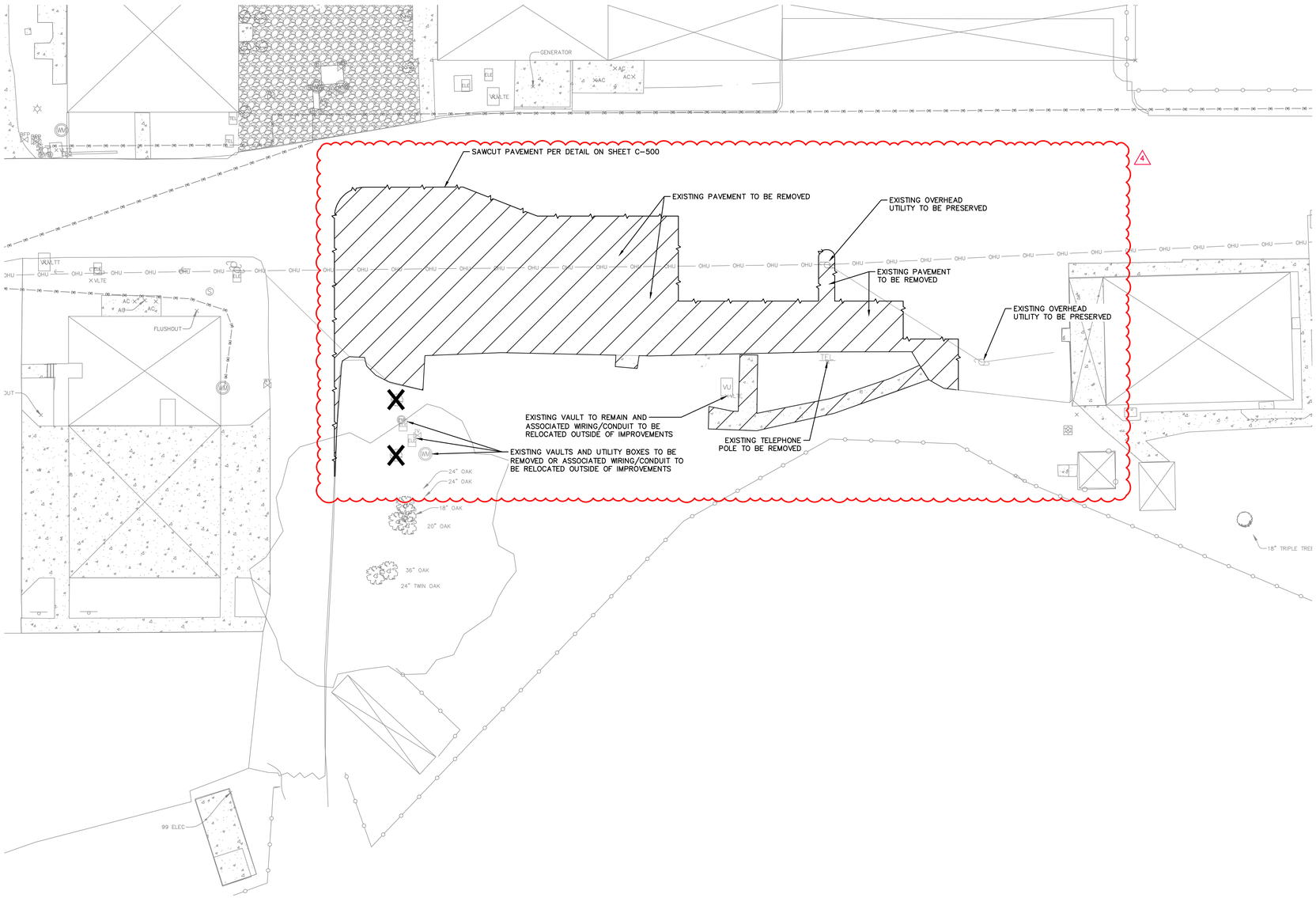

GRAPHIC SCALE IN FEET
0 10 20 40

NORTH

LEGEND:

- SAWCUT PAVEMENT
- PAVEMENT/CURB TO BE REMOVED
- REMOVE TREE

NOTES:

1. CONTRACTOR SHALL SOD ALL LIMITS OF DISTURBANCE, INCLUDING ANY DISTURBANCE WITHIN RIGHTS-OF-WAY, WITH BAHIA SOD (PASPALUM NOTATUM)

No.	REVISIONS	DATE	BY
4	COUNTY RAA #1	03-13-25	JAA
3	FOR COUNTY REVIEW	10-17-24	JAA
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DEMOLITION PLAN

SHEET NUMBER
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Plotted By:Behling, Maria Sheet Set:Kha Layout:C-050 DEMOLITION PLAN March 13, 2025 05:14:10pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-050-DEMO.dwg
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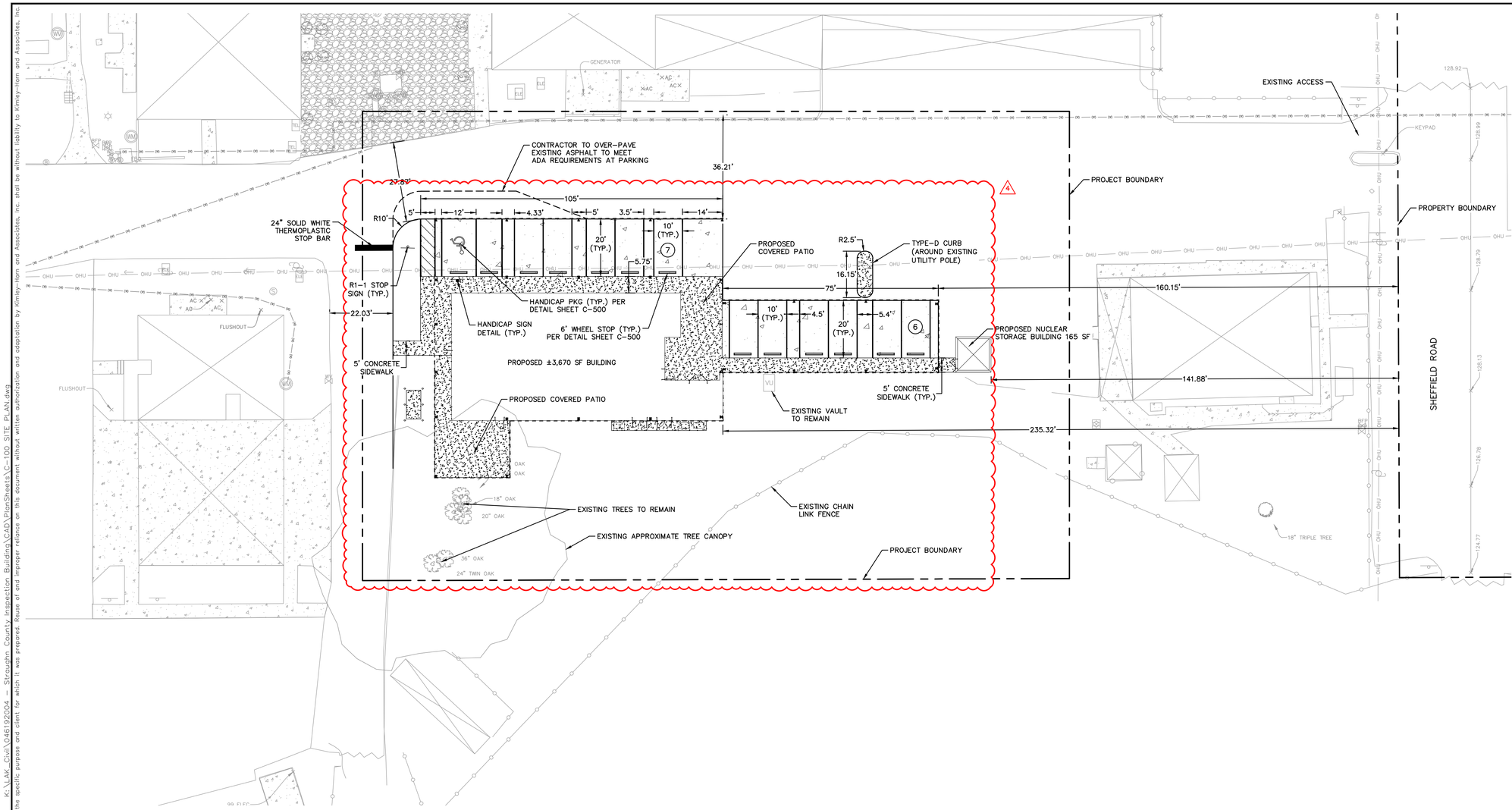

SITE DATA TABLE	
LOCATION	SECTION 15, TOWNSHIP 29 S, RANGE 25 E
FOLIO NUMBERS	25-29-15-000000-014000
ADDRESS	2867 SHEFFIELD ROAD WINTER HEAVEN, FL 33880
PROPERTY OWNER	POLK COUNTY
PROJECT AREA	±0.92 ACRES

LEGEND:

- CONCRETE SIDEWALK
- STANDARD-DUTY CONCRETE PAVEMENT
- ADA PARKING SIGNATURE (PARKING BY DISABLED PERMIT ONLY / FINE $250 MAX.)
- R1-1 STOP SIGN (STOP)

SEE PAVEMENT/SIGNAGE DETAILS ON SHEET C-500

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POLK COUNTY FLORIDA

SITE PLAN

SHEET NUMBER
C-100

Plotted By:Behling, Maria Sheet Set:Kha Layout:C-100 SITE PLAN March 13, 2025 05:14:23pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-100 SITE PLAN.dwg
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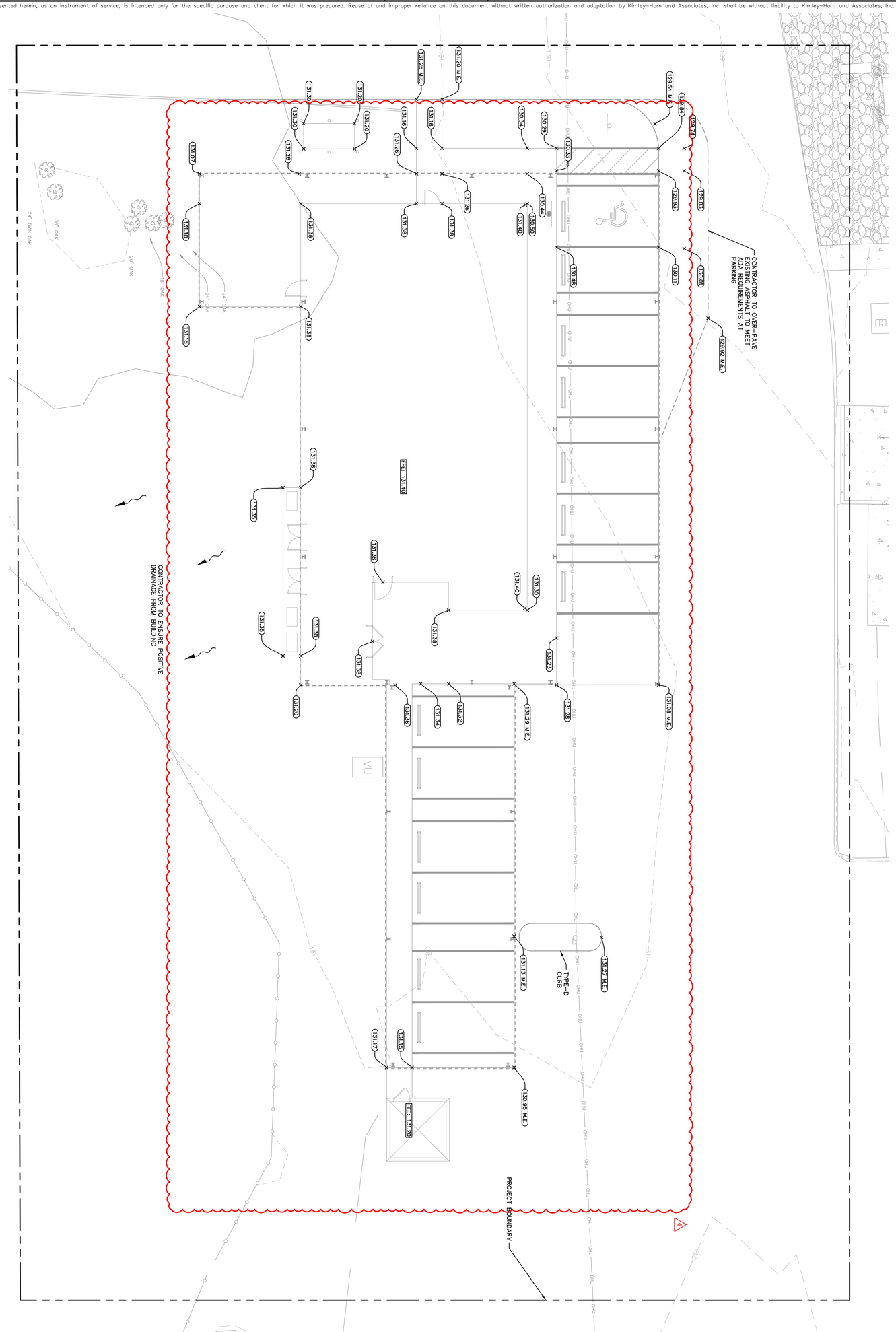

GRAPHIC SCALE IN FEET 0 5 10 20

NORTH

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INSPECTION AND TESTING BUILDING

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POLK COUNTY FLORIDA

GRADING AND DRAINAGE PLAN

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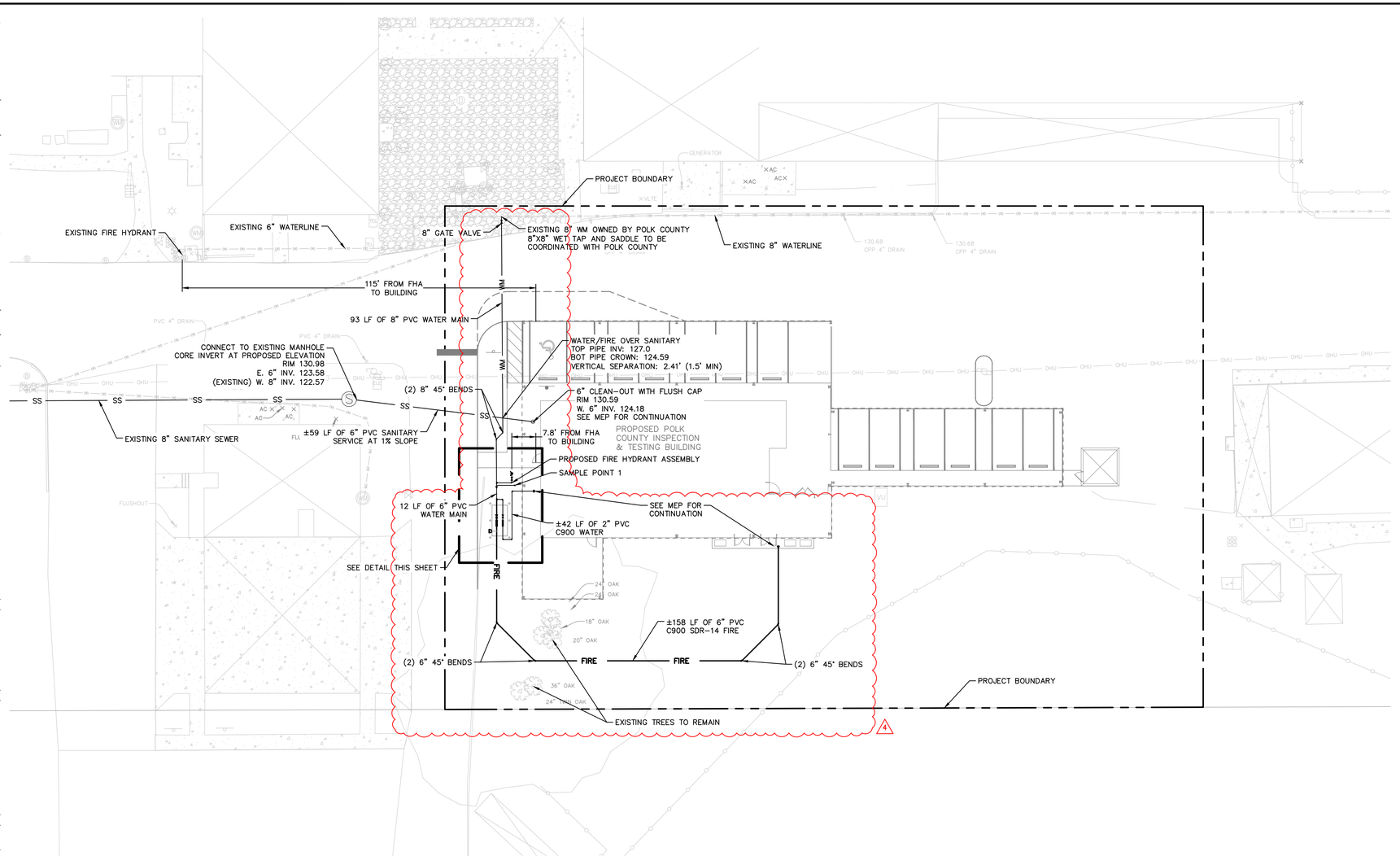
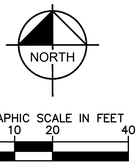
2	FOR COUNTY REVIEW	09-18-24	JAA
1	DESIGN DRAWING REVIEW	07-03-24	JAA





GRAPHIC SCALE IN FEET
0 10 20 40

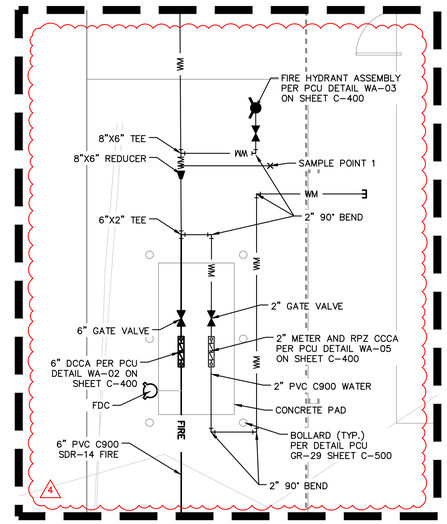
LEGEND

WM	POTABLE WATER LINE
WM	EX. POTABLE WATER LINE
FIRE	FIRE MAIN/SERVICE
SS	SANITARY SEWER MAIN/SERVICE
SS	EX. SANITARY SEWER MAIN

FIRE FLOW CALCULATIONS

BUILDING TYPE:	II(000)
SQUARE FOOTAGE:	3,670 SF
SPRINKLER PROTECTED:	TRUE
BASE REQD FIRE FLOW:	1,500 GPM FOR 2 HRS
REDUCTION:	75% BASE FOR 1 HR
REQUIRED FIRE FLOW:	1,000 GPM FOR 1 HR

MIN. REQUIRED AVAILABLE FIRE FLOW: 1000 GPM FOR 1 HR



BACKFLOW PREVENTION ASSEMBLY DETAIL

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UTILITY PLAN

INSPECTION AND TESTING BUILDING

PREPARED FOR
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POLK COUNTY FLORIDA

SHEET NUMBER
C-300

Plotted By:Behling, Maria Sheet Set:Kha Layout:C-300 UTILITY PLAN March 14, 2025 09:29:34am K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-300-UTIL.dwg
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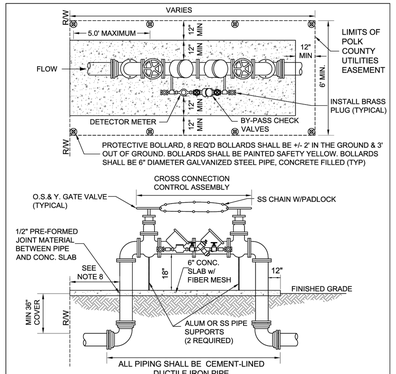
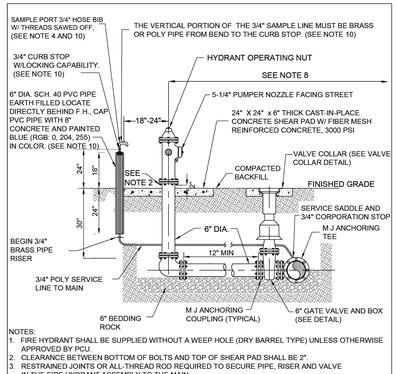


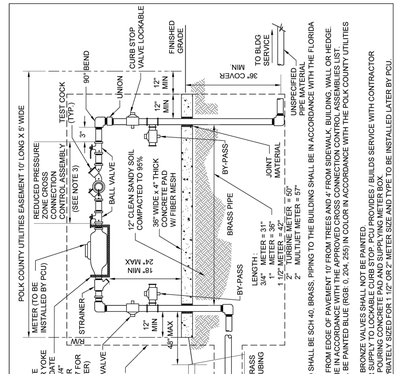
NOTES:
1. RESTRAINED JOINT FITTINGS SHALL BE REQUIRED FOR UNDERGROUND USE.
2. FLANGED FITTINGS SHALL BE REQUIRED.
3. PAINT THE ABOVE GROUND ASSEMBLY, INCLUDING ENTIRE LENGTH OF TIE RODS, AFTER MANUFACTURER'S RECOMMENDED SURFACE PREP IS COMPLETED. DO NOT PAINT OVER NAME/SERIAL PLATE OR BRASS FITTINGS. PAINT COLOR SHALL BE "INTERNATIONAL ORANGE"
4. PROVIDE PROTECTIVE CONCRETE FILLED 6" PIPE BOLLARDS.
5. AN APPROVED DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE SELECTED IN ACCORDANCE WITH PCU'S "APPROVED CROSS CONNECTION CONTROL ASSEMBLY LIST".
6. SPECIAL FIRE PROTECTION SYSTEMS USING INTERNAL PUMPS, TANKS, ETC. SHALL BE REQUIRED TO USE AN APPROVED REDUCED PRESSURE DETECTOR ASSEMBLY.
7. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
8. ASSEMBLY SHALL BE A MINIMUM 10' FROM EDGE OF PAVEMENT OR BUILDING, AND 4' FROM SIDEWALK OR HEDGE.
9. FULL FACED NEOPRENE GASKETS SHALL BE USED ON ALL FLANGED FITTINGS.

FIRE LINE DOUBLE CHECK DETECTOR ASSEMBLY (4 INCHES TO 12 INCHES)	FIGURE WA-02
POLK COUNTY UTILITIES, FLORIDA	AUGUST, 2018



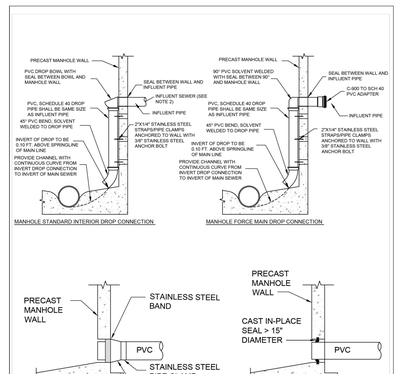
NOTES:
1. FIRE HYDRANT SHALL BE SUPPLIED WITHOUT A WEEP HOLE (DRY BARREL TYPE) UNLESS OTHERWISE APPROVED BY PCU.
2. CLEARANCE BETWEEN BOTTOM OF BOLTS AND TOP OF SHEAR PAD SHALL BE 2".
3. RESTRAINED JOINTS OR ALL-THREAD ROD REQUIRED TO SECURE PIPE, RISER AND VALVE IN THE FIRE HYDRANT ASSEMBLY TO THE MAIN.
4. TOP OF SAMPLE PORT TO BE LOWER THAN FLANGE ON FIRE HYDRANT BONNET.
5. HYDRANT SHALL BE PAINTED 1 COAT THEMEC 69-HIBUILD EPOXOLINE II (4-6DFT) AND ONE COAT 73-COLOR ENDURA SHIELD (3-5DFT); COLOR INTERNATIONAL ORANGE
6. VALVE COLLAR AND HYDRANT SHEAR PAD MAY BE INCORPORATED INTO ONE 6" THICK PAD.
7. THRUST BLOCKS MAY ONLY BE USED WHEN CONNECTION IS TO AN EXISTING WATER MAIN AND IT IS NOT KNOWN IF THERE ARE RESTRAINED JOINTS BOTH WAYS FROM THE CONNECTION.
8. HYDRANT SHALL BE MIN OF 2' FROM EDGE OF SIDEWALK, 5' MIN FROM BACK OF MIAMI CURB AND 10' MIN FROM EDGE OF DRIVEWAY OR TURNOUT.
9. A BLUE REFLECTIVE PAVEMENT MARKER (RPM) SHALL BE INSTALLED 6 INCHES TO THE SIDE OF THE LANE STRIPE WHICH IS CLOSEST TO THE HYDRANT AND IN LINE WITH THE LARGEST PORT.
10. A PRE-MANUFACTURED ONE PIECE SAMPLE STATION MAY BE SUBSTITUTED FOR THE FIELD CONSTRUCTED SAMPLING STATION IN ACCORDANCE WITH THE APPROVED MATERIAL CHECKLIST.

FIRE HYDRANT ASSEMBLY	FIGURE WA-03
POLK COUNTY UTILITIES, FLORIDA	JUNE, 2022



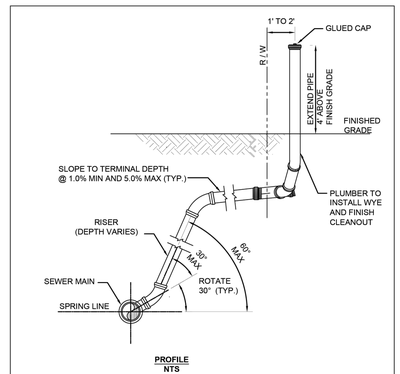
NOTES:
1. PIPE & FITTINGS ABOVE GROUND SHALL BE SCH 40, BRASS. PIPING TO THE BUILDING SHALL BE IN ACCORDANCE WITH THE FLORIDA PLUMBING CODE.
2. ASSEMBLY SHALL BE A MIN OF 6' FROM EDGE OF PAVEMENT 10' FROM TREES AND 4' FROM SIDEWALK, BUILDING, WALL OR HEDGE.
3. APPROVED DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROVED CROSS CONNECTION CONTROL ASSEMBLIES LIST.
4. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE POLK COUNTY UTILITIES CODE.
5. METER, METER, STRAINER, AND BRONZE VALVES SHALL NOT BE PAINTED.
6. CONTRACTOR RESPONSIBLE FOR SUPPLY TO LOCKABLE CURB STOP. PCU PROVIDES / BUILDS SERVICE WITH CONTRACTOR CONNECTING TO END USER AND POURING CONCRETE PAD AND SUPPLYING METER BOX
7. 2" METER SHALL BE APPROPRIATELY SIZED FOR 1-1/2" CRF 2" METERS SHALL NOT BE TO BE INSTALLED LATER BY PCU.

METER & REDUCED PRESSURE ZONE CROSS CONNECTION CONTROL ASSEMBLY (UP TO 2 INCHES)	FIGURE WA-05
POLK COUNTY UTILITIES, FLORIDA	JULY, 2022



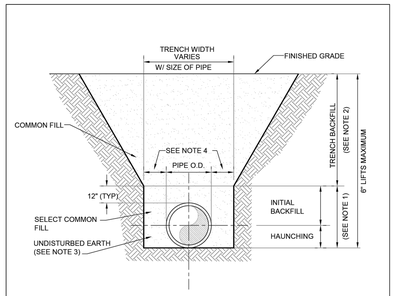
NOTES:
1. DROP PIPE AND FITTINGS SHALL BE OF EQUAL SIZE AS THE INFLUENT SEWER.
2. INSIDE DROP CONNECTIONS SHALL BE REQUIRED FOR ALL INFLUENT LINES WHICH HAVE AN INVERT 2' OR MORE ABOVE THE MANHOLE INVERT.
3. ALTERNATE WATER TIGHT CONNECTION DETAILS FOR CONNECTION OF 24" DIAMETER PIPES AND LARGER MUST BE APPROVED BY PCU.

MANHOLE CONNECTION	FIGURE WW-02
POLK COUNTY UTILITIES, FLORIDA	JUNE, 2021



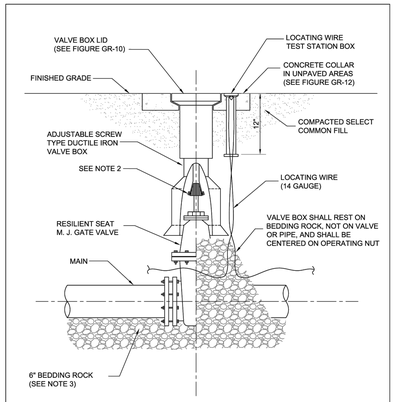
NOTES:
1. INVERT OF SERVICE LATERAL SHALL NOT ENTER SEWER MAIN BELOW SPRING LINE.
2. SERVICE LATERAL CLEAN OUT PIPE SHALL BE EXTENDED AND CAPPED BY CONTRACTOR.
3. ALL FITTINGS SHOWN ARE TO BE INSTALLED.

SEWER SERVICE (DEEP) (TYPICAL)	FIGURE WW-05-2
POLK COUNTY UTILITIES, FLORIDA	JULY, 2019



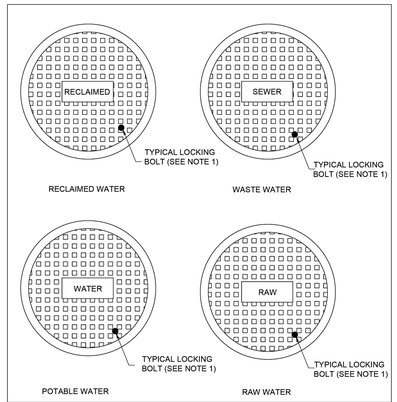
NOTES:
1. SELECT COMMON FILL UNDER & WITHIN 6 FEET OF THE EDGE OF ANY PAVED SURFACE SHALL BE PLACED IN 6" COMPACTED LIFTS TO TOP OF PIPE, THEN 12" COMPACTED LIFTS THEREAFTER, AND COMPACTED TO 100% OF MAX DENSITY PER AASHTO T-99. BACKFILL IN AREAS OUTSIDE THE ROADWAY SHALL BE PLACED IN 6" COMPACTED LIFTS TO TOP OF PIPE THEN 12" COMPACTED LIFTS THEREAFTER AND COMPACTED TO 95% MAX DENSITY PER AASHTO T-180.
2. TRENCH BACKFILL/BACKFILL COMPACTION: SHALL BE IN ACCORDANCE WITH THE REGULATIONS OF THE GOVERNING AGENCY HAVING JURISDICTION OVER THE WORK SITE.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK IN ACCORDANCE WITH TYPE A BEDDING AND TRENCHING DETAIL MAY BE REQUIRED AS DIRECTED BY PCU.
4. 15" MAX. (12" MIN.) FOR PIPE DIAMETER LESS THAN 24" AND 24" MAX (12" MIN) FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF THE GOVERNING AGENCY HAVING JURISDICTION OVER THE WORK SITE. SURFACE RESTORATION WITHIN COUNTY RIGHT-OF-WAY SHALL COMPLY WITH REQUIREMENTS OF POLK COUNTY.

BEDDING AND TRENCHING TYPE B	FIGURE GR-02
POLK COUNTY UTILITIES, FLORIDA	DECEMBER, 2010



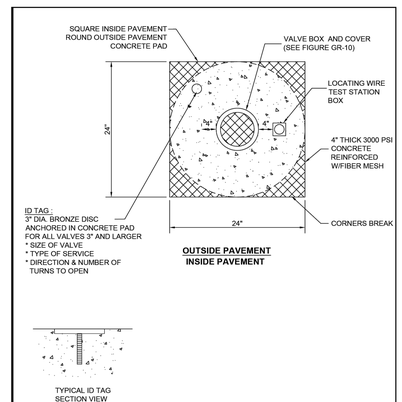
NOTES:
1. PVC PIPE OR DUCTILE IRON PIPE EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION IN PAVED AREAS.
2. THE VALVE ACTUATING NUT SHALL BE EXTENDED TO BE WITHIN 3' OF FINISHED GRADE.
3. BEDDING MATERIAL SHALL CONFORM TO FDOT NO. 57 AGGREGATE.
4. WIRE SHALL TERMINATE AT THE TOP OF THE TEST STATION BOX WITH 12" OF COILED EXCESS LENGTH.
5. REFER TO FIGURE GR-11 FOR INSTALLATIONS AT A DEPTH OF 6' OR GREATER.

GATE VALVE AND BOX (SHALLOW)	FIGURE GR-07
POLK COUNTY UTILITIES, FLORIDA	SEPTEMBER, 2014



NOTE:
1. LOCKING LIDS ARE REQUIRED ON ALL VALVE BOXES LOCATED IN ROADWAYS WITH SPEED LIMITS ABOVE 30 MPH OR ON MAINS THAT ARE 16 INCHES IN DIAMETER OR LARGER.

TYPICAL VALVE BOX COVER	FIGURE GR-10
POLK COUNTY UTILITIES, FLORIDA	DECEMBER, 2010



NOTES:
1. BRASS IDENTIFICATION DISC AND VALVE COLLAR SHALL BE REQUIRED FOR ALL VALVES LOCATED OUTSIDE OF PAVEMENT.

VALVE COLLAR	FIGURE GR-12
POLK COUNTY UTILITIES, FLORIDA	APRIL, 2017

No.	REVISIONS	DATE	BY
4	COUNTY RAA #1	03-13-25	JAA
3	FOR COUNTY REVIEW	10-17-24	JAA
2	FOR COUNTY REVIEW	09-18-24	JAA
1	DESIGN, DRAWING REVIEW	07-03-24	JAA

Kimley»Horn
109 SOUTH KENTUCKY AVENUE, LAKELAND FL. 33801
PHONE: 863-701-9702
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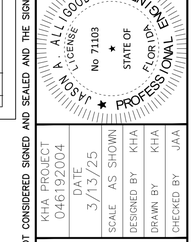

KHA PROJECT 046192004	
DATE	3/13/25
SCALE	AS SHOWN
DESIGNED BY	KHA
DRAWN BY	KHA
CHECKED BY	JAA

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UTILITY DETAILS

INSPECTION AND TESTING BUILDING
PREPARED FOR
STRAUGHN TROUT
POLK COUNTY FLORIDA

SHEET NUMBER
C-400

Plotted By: Behling, Maria Sheet Set: Kha Layout: C-400 UTILITY DETAILS March 13, 2025 05:15:04pm K:\LAK_Civil\046192004 — Straughn County Inspection Building\CAD\PlanSheets\C-400_UTIL_DETL.dwg
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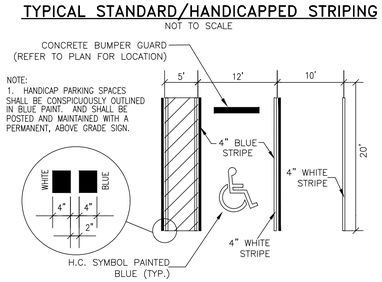
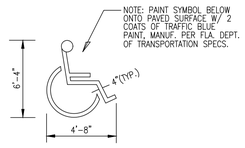
TYPICAL STANDARD/HANDICAPPED STRIPING

NOT TO SCALE



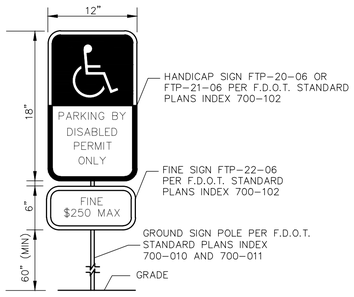
TYPICAL SYMBOL FOR HANDICAP PKG.

NOT TO SCALE



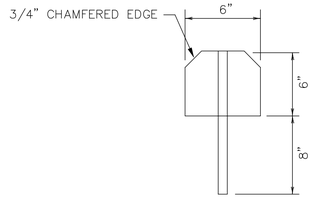
1. TOP PORTION OF FTP 25 & 26 SHALL HAVE A REFLECTIVE SYMBOL AND BORDER.
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
3. FTP 25 & 26 MAY BE FABRICATED ON ONE PANEL OR TWO.
4. FTP 25 MAY BE SUBSTITUTED FOR THE FTP 26 IN AREAS WHERE SPACE IS LIMITED.
5. SIGNS ARE TO BE MOUNTED AT STANDARD HEIGHT. (7' FROM PAVEMENT TO BOTTOM OF SIGN).
5. THE 2017 FLORIDA BUILDING AND ACCESSIBILITY CODE, 6TH EDITION, IS TO BE APPLIED FOR THE DESIGN AND CONSTRUCTION OF THE SITE

HANDICAP SIGN DETAIL

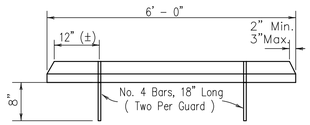


NOTES:

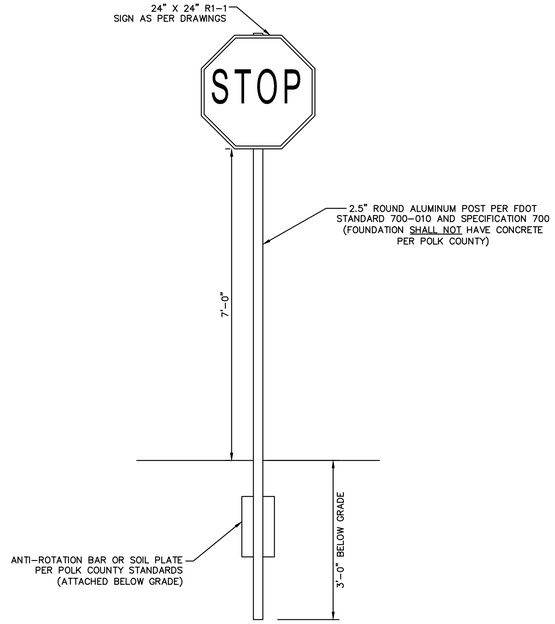
1. ALL LETTERS ARE 1" SERIES "C" PER MUTCD OR AS SPECIFIED IN FDOT STANDARD PLANS INDEX 700-102.
2. TOP PORTION OF SIGN SHALL HAVE REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
4. FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
5. ONE (1) SIGN REQUIRED FOR EACH PARKING SPACE.
6. INSTALLATION HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH F.S. 553.5041 (6)
7. PARKING SPACE IDENTIFICATION SIGN SHALL BE IN COMPLIANCE WITH THE 2017 FLORIDA BUILDING CODE ACCESSIBILITY SECTION 502.6.1.



WHEEL STOP PROFILE (TYP.)

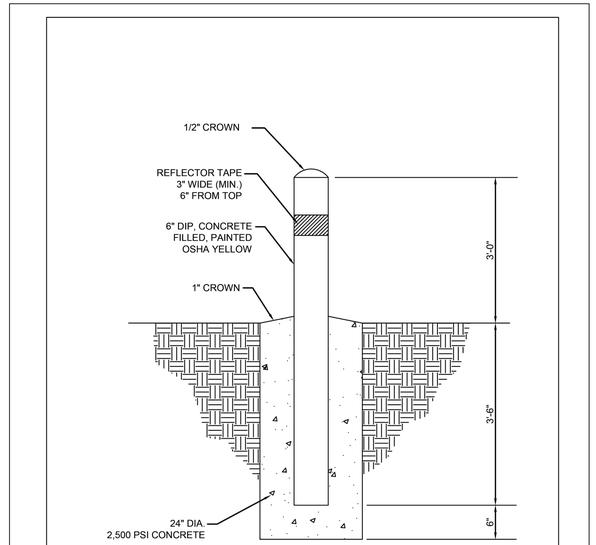


WHEEL STOP FRONT VIEW



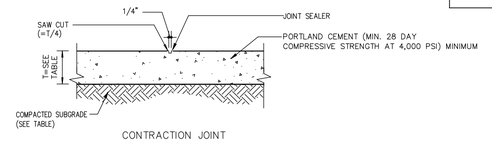
TRAFFIC SIGNAGE

SCALE : NTS

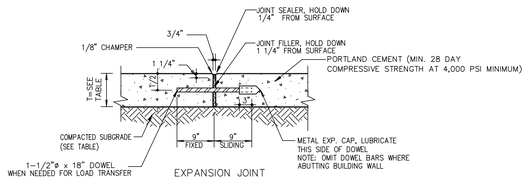


BOLLARD DETAIL

BOLLARD (TYPICAL)	FIGURE GR-29
POLK COUNTY UTILITIES, FLORIDA	JULY, 2019



CONTRACTION JOINT



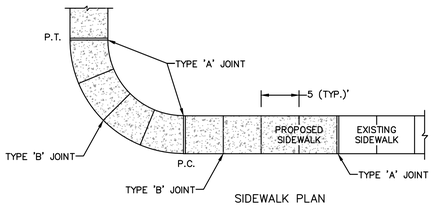
EXPANSION JOINT

RIGID PAVEMENT SPECIFICATIONS TABLE 1		
	MINIMUM THICKNESS (INCHES)	
MATERIAL	STD. DUTY	HEAVY DUTY
PORTLAND CEMENT (CONCRETE 28 DAY COMP. STRENGTH 4,000 PSI MINIMUM)	5	8
A-3 SUBGRADE COMPACTED TO 98% OF THE ASTM D-1557 MAX DRY DENSITY	12	12

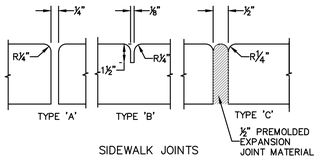
NOTE:
1. ALL EXTERIOR CONCRETE PAVEMENT SHALL HAVE A COMPRESSIVE STRENGTH OF 4,000 PSI AND SURFACE SHALL HAVE A BROOM FINISH.
2. CONCRETE JOINTS FOR CONSTRUCTION OF CONTRACTION JOINTS SHALL BE ON A 15' MAXIMUM GRID AND CENTERED BETWEEN THE DOCK DOORS.
3. FIVE-INCH (5") THICK CONCRETE SIDEWALKS SHALL BE PROVIDED (3,000 PSI).
4. CONTRACTOR SHALL PROVIDE A JOINT LAYOUT AND DETAILS DIAGRAM TO KIMLEY-HORN IN ACCORDANCE WITH ACI 330.2R-17 AND ACI 330R-08 FOR REVIEW PRIOR TO CONCRETE INSTALLATION.
5. CONTRACTOR TO REFER TO ACI 330R-08 FOR COORDINATION OF PAVEMENT JOINT LAYOUT AND DRAINAGE STRUCTURES. CONTRACTOR TO REFER TO APPENDIX C OF ACI 330R-08 FOR PAVEMENT JOINTING AND DESIGN FEATURE DETAILS.
6. IRREGULAR SHAPED SLAB PANELS MAY REQUIRE REINFORCEMENT.
7. LOAD TRANSFER REINFORCEMENT SHALL BE PROVIDED AT CONTROL AND CONSTRUCTION JOINTS

CONCRETE PAVING DETAILS

NO SCALE

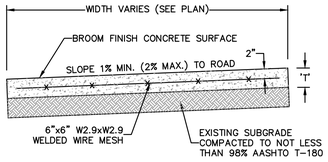


SIDEWALK PLAN



SIDEWALK JOINTS

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	100' MAX. SPACING, P.C./P.T. OF CURVES, JUNCTION OF EXISTING AND NEW SIDEWALKS.
'B'	5'-0" CENTER TO CENTER
'C'	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES.



STANDARD CROSS SECTION

TABLE OF SIDEWALK THICKNESS	
LOCATION	'T'
PEDESTRIAN ONLY AREAS	4"
DRIVEWAYS AND OTHER TRAFFIC AREAS	6"

NOTE:
ALL SIDEWALK STREET CROSSINGS MUST MEET THE REQUIREMENTS OF THE AMERICAN DISABILITIES ACT (ADA) COMPLIANCE GUIDE. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.

CONCRETE SIDEWALK

N.T.S

No.	REVISIONS	DATE	BY
4	COUNTY RAA #1	03-13-25	JAA
3	FOR COUNTY REVIEW	10-17-24	JAA
2	FOR COUNTY REVIEW	09-18-24	JAA
1	DESIGN DRAWING REVIEW	07-03-24	JAA

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JASON A. ALLIGOOD — No. 71103 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

KHA PROJECT 046192004

DATE 3/13/25

SCALE AS SHOWN | DESIGNED BY KHA | DRAWN BY KHA | CHECKED BY JAA

DETAILS

INSPECTION AND TESTING BUILDING

PREPARED FOR

STRAUGHN TROUT

POLK COUNTY FLORIDA

SHEET NUMBER C-500

CALL 48 HOURS BEFORE YOU DIG

IT'S THE LAW! DIAL 811

Know what's below. Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Plotted By:Behling, Maria Sheet Set:Kha Layout:C-500 DETAILS March 13, 2025 05:15:21pm K:\LAK_Civil\046192004 - Straughn County Inspection Building\CAD\PlanSheets\C-500-DETL.dwg
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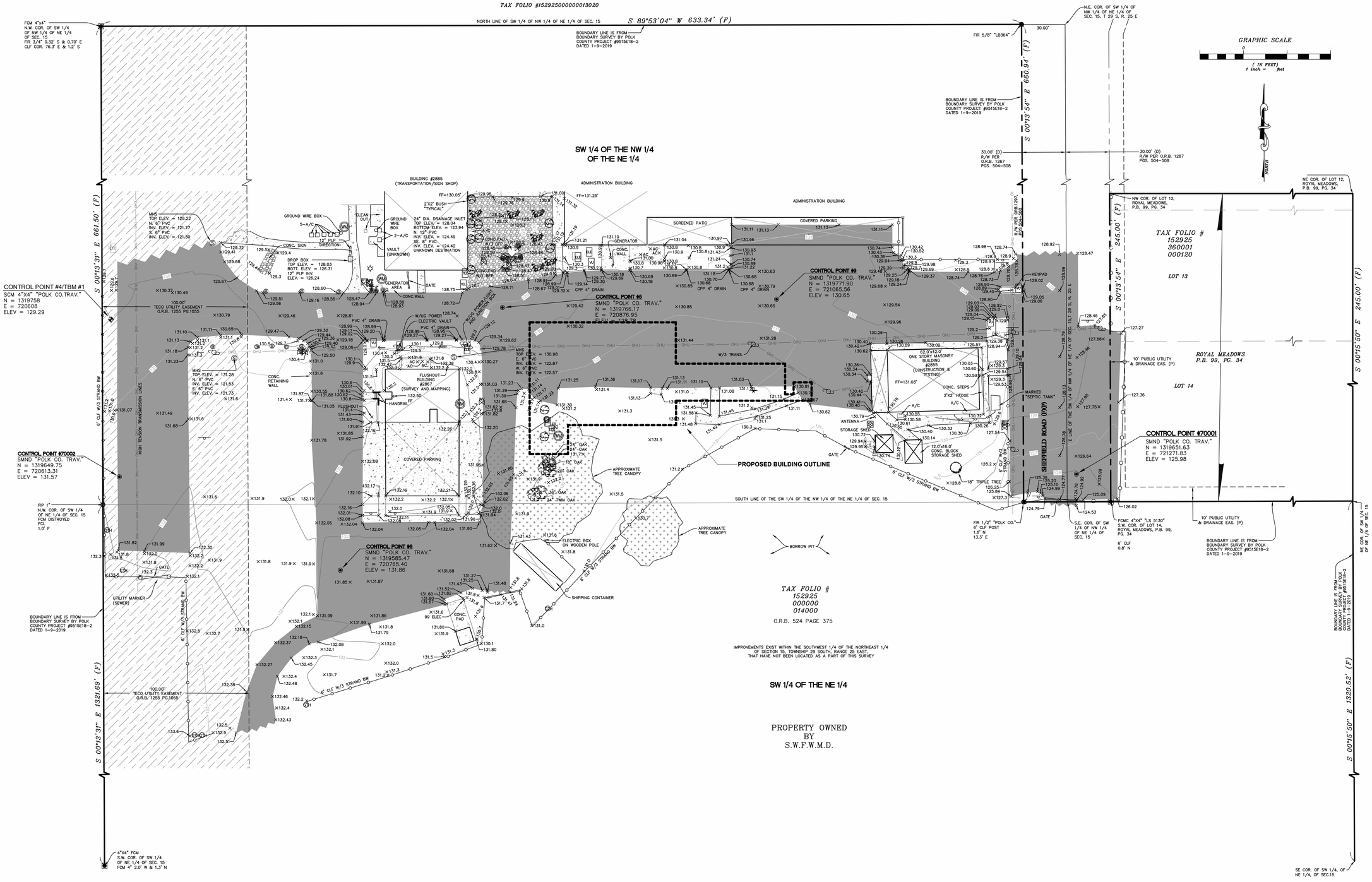

Amended Dwg (TOPO) - Renumbering to Road & Drainage Inspection and Test Bldg(2306)_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_2.rvt
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STRAUGHN TROUT ARCHITECTS

2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3601
PH: (863) 665-6205
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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE

PCBCC

3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

COUNTY SURVEY

CS-101

DESIGN LOADS

ROOF LOAD:
25 P.S.F. DEAD LOAD
20 P.S.F. LIVE LOAD

CONCRETE:
f'c = 3000 P.S.I.

ROOF LOAD:
F y = K.S.I.

ULTIMATE WIND SPEED: 140 MPH
RISK CATEGORY: II
EXPOSURE: C

STRUCTURAL NOTES

1. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
2. CONTRACTOR TO PROVIDE SHOP DWGS FOR ALL STRUCTURAL COMPONENTS AND PRE-ENG. METAL BUILDING FRAME WITH SIGNED AND SEALED BY FLORIDA REGISTERED ENGINEER.
3. CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANIOUS ANGLES IN THE ROOF FRAMING SYSTEM.
4. ROOF DECK: STANDING SEAM METAL ROOF (4"R-30 INSULATION) COMPOSITE ROOF PANEL AT CONDITIONED SPACE AND 2" R-17.5 INSULATION COMPOSITE PANEL AT COVERED PARKING AND PATIO.

AREA	10		100		500		AREA
ROOF:	27.697	-30.106	24.988	-24.988			ZONE 1
	27.697	-35.224	24.988	-30.106			ZONE 2
	27.697	-35.224	24.988	-30.106			ZONE 3
OVER:	-51.18		-46.062				ZONE 2
	-51.18		-46.062				ZONE 3
WALL:	27.697	-27.697			19.87	-22.579	ZONE 4
	30.106	-40.342			22.579	-24.988	ZONE 5

WALL FOUNDATION, GRADE BEAM, & FOOTING SCHEDULE

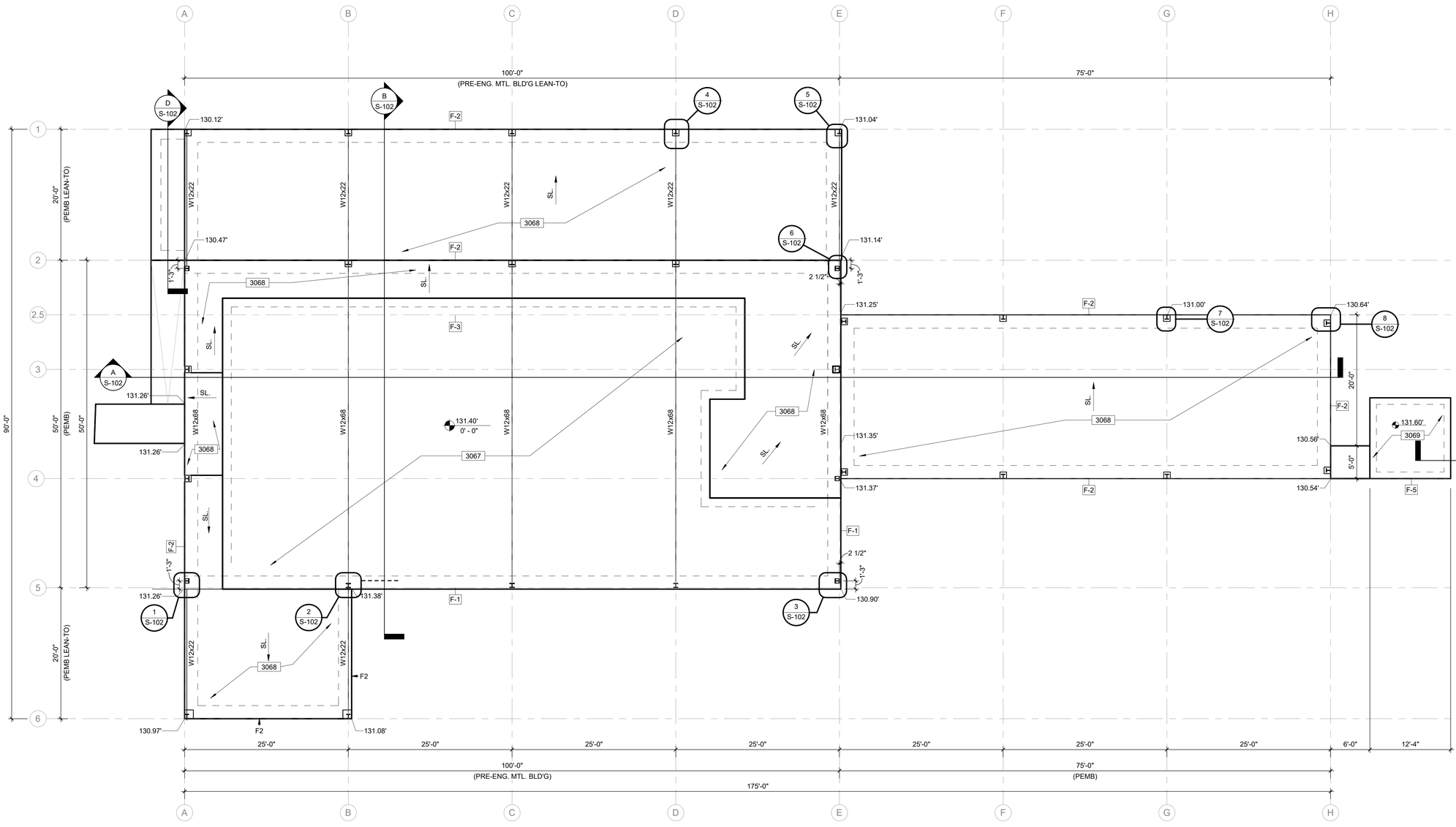
MARK	SIZE	DEPTH	CONT. TOP & BOT. REINFORCING	REMARKS	H.P.
F-1	CONT. 24" W.	30"	3# 5ϕ TOP & BOTTOM	GB = SEE DETAIL	#5 - 72"L
F-2	CONT. 24" W.	30"	3# 5ϕ TOP & BOTTOM	GB = SEE DETAIL	#5 - 72"L
F-3	CONT. 12" W.	14"	2# 5ϕ	BF = SEE DETAIL	-
F-4	CONT. 24" W.	30"	3# 5ϕ TOP & BOTTOM	GB = SEE DETAIL	#5 - 72"L
F-5	CONT. 12" W.	24"	2# 5ϕ	GB = SEE DETAIL	-

ACRONYM

G.B. = GRADE BEAM
B.F. = BELL FOOTING
M.F. = MONOLITHIC FOOTING
H.P. = HAIR PIN

KEYNOTES

3067 6IN CONCRETE SLAB ON GRADE REINFORCED WITH 6X6 W2.9XW2.9 WWF OVER 15 MIL CLASS A VAPOR BARRIER AND COMPACTED FILL.
3068 6IN CONCRETE SLAB ON GRADE REINFORCED WITH 6X6 W2.9XW2.9 WWF AND COMPACTED FILL.
3069 4IN CONCRETE SLAB ON GRADE REINFORCED WITH 6X6 W2.9XW2.9 WWF OVER 15 MIL CLASS A VAPOR BARRIER AND COMPACTED FILL.



NORTH

FOUNDATION PLAN
1/8" = 1'-0"

STRAUGHN TROUT ARCHITECTS
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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

FOUNDATION PLAN

S-101

Autodesk Docs://2306_Bannerlake Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BUILDING/NOVA2306_ARCH_V22.rvt
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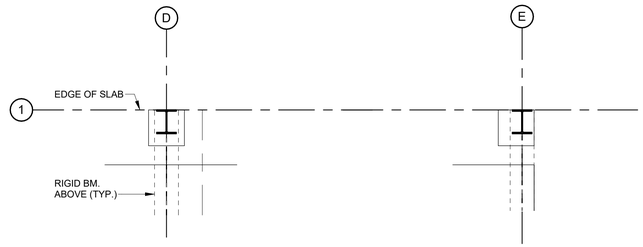
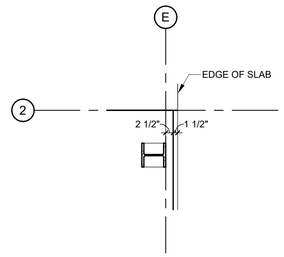


4 COLUMN @ D-1

5 COLUMN @ E-1



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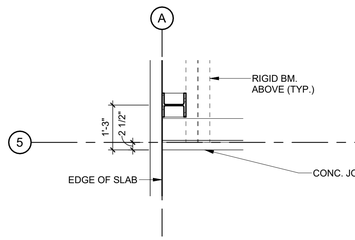
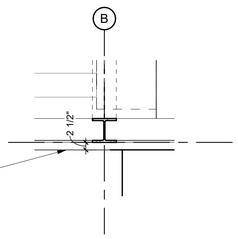


1 COLUMN @ A-5



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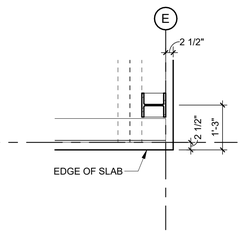
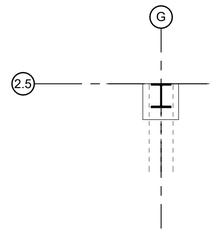
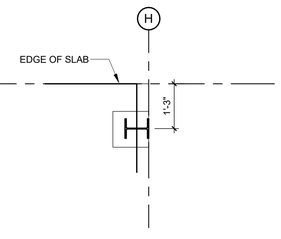


3 COLUMN @ E-5



7 COLUMN @ G-2.5



8 COLUMN @ H-2.5

STRUCTURAL NOTES

GENERAL SPECIALTY ENGINEERING NOTES

1. THE FOUNDATION SHOWN IN THESE DOCUMENTS IS FOR PRICING ONLY. THERE MAY BE SOME ADJUSTMENT AFTER RECEIVING THE FOUNDATION REACTIONS FROM THE PEMB SPECIALTY ENGINEER.
2. ANCHOR BOLT SIZING WILL BE SPECIFIED BY THE PEMD SPECIALTY ENGINEER WHO WILL PROVIDE AN ANCHOR BOLT SETTING PLAN.

PRE-ENGINEERED/PRE-FABRICATEDSTEEL BUILDING FOUNDATION DESIGN AND CONSTRUCTION NOTES

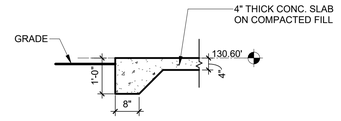
1. THE STRUCTURAL ANALYSES AND DESIGN OF THE FOUNDATION AND SLAB IS THE RESPONSIBILITY OF THE PEMB SPECIALTY ENGINEER AND WILL BE THE ENGINEER OF RECORD. THE FINAL SUBMITTAL TO INCLUDE THE FOLLOWING:

   A. DESIGN CRITERIA.
   B. COMPLETE CALCULATIONS OF ALL COMPONENTS INCLUDING.
      1. MAIN FRAMES
      2. PORTAL FRAMES
      3. GIRTS
      4. PURLINS
      5. ROOF/WALL PANELS
      6. DIAGONAL BRACING

DESIGN CRITERIA FOR PRE-ENGINEERED/ PRE-FABRICATED STEEL BUILDING SYSTEMS

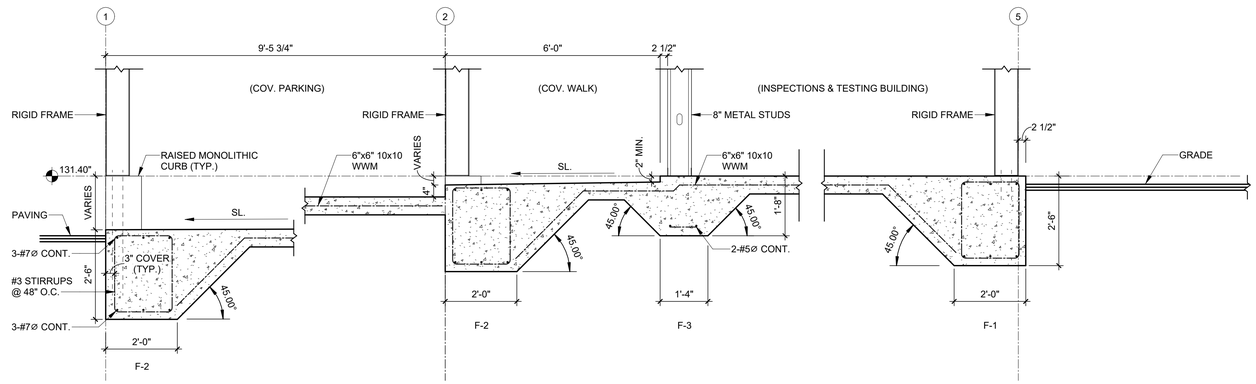
A. THE 8TH EDITION OF THE FLORIDA BUILDING CODE (2023)
B. WIND DESIGN CRITERIA
   1. ASCE 7-16
   2. 140MPH (ULT) WIND SPEED
   3. EXPOSURE: D
   4. RISK CATEGORY: II

PEMB: PRE-ENGINEERED METAL BUILDING

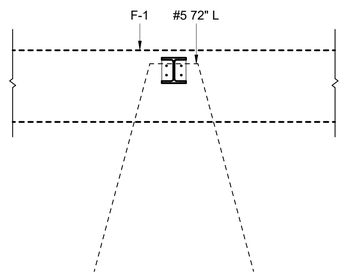


D CONCRETE WALK/PAVING SECTION
1/2" = 1'-0"

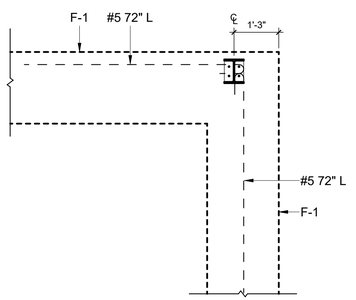
PLAN DETAILS 1/2" = 1'-0"



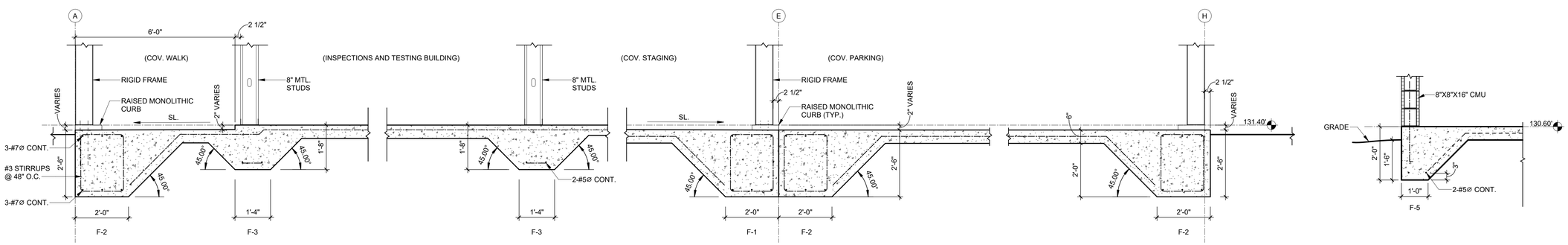
B SECTION
1/2" = 1'-0"



TYP. HAIRPIN @ EXTERIOR COLUMN
1/2" = 1'-0"



TYP. HAIRPIN @ CORNER COLUMN
1/2" = 1'-0"



A SECTION
1/2" = 1'-0"

C SECTION
1/2" = 1'-0"

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

FOUNDATION DETAILS

S-102

Autodesk Docs://2306 - Renovation to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V24.rvt
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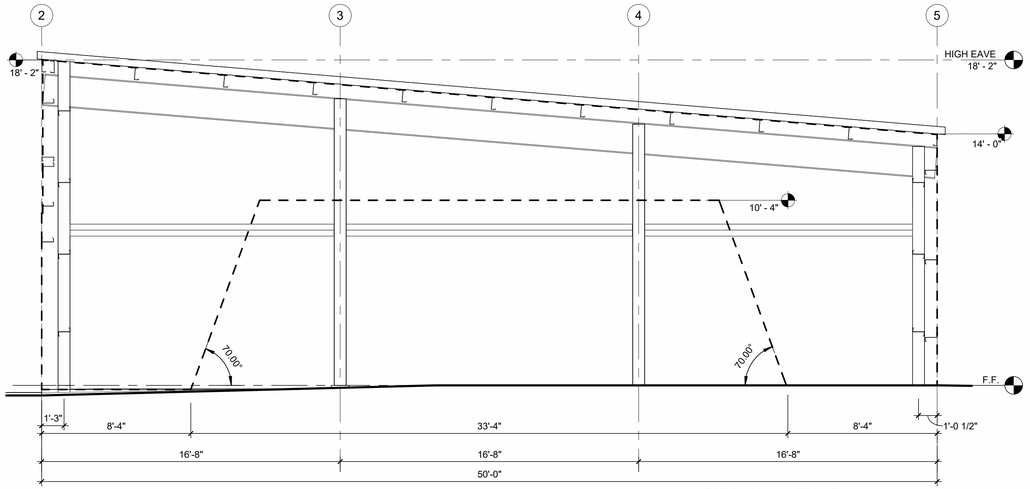

3 WEST ENDWALL FRAME
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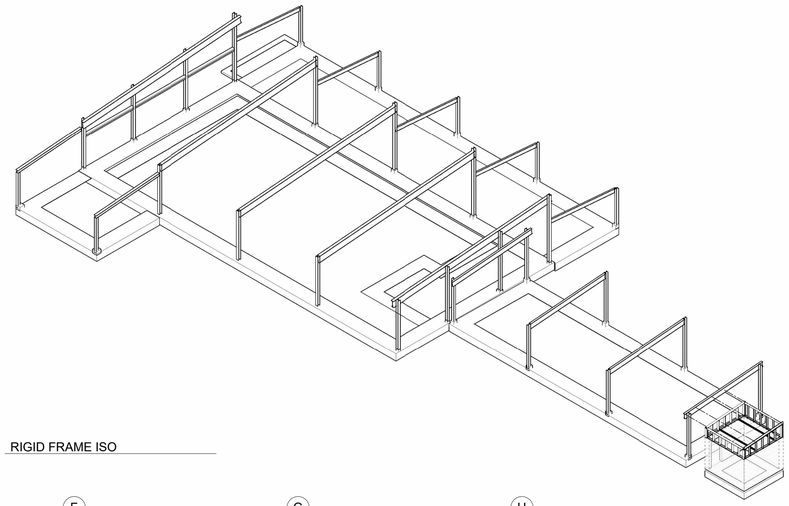
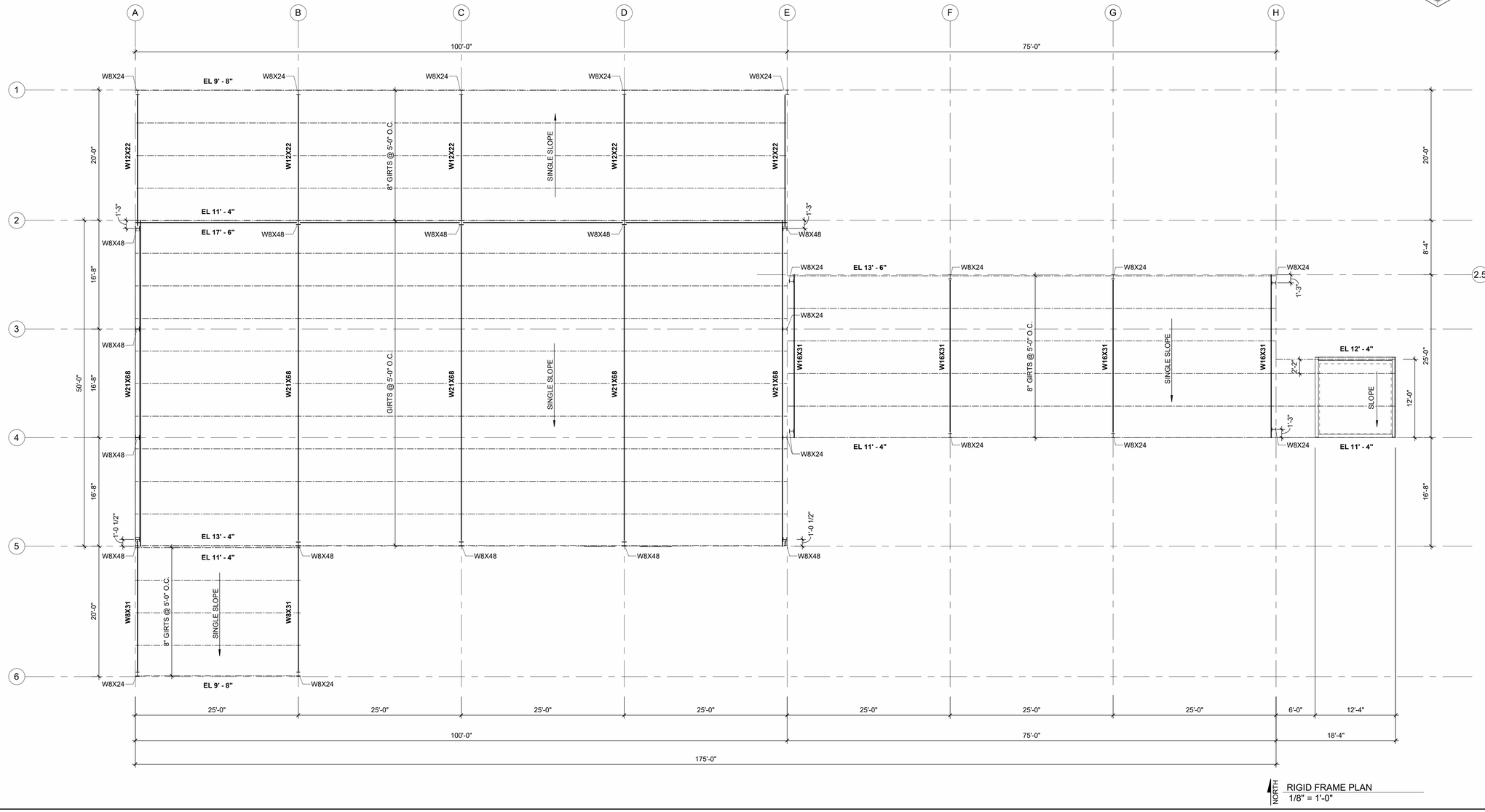


RIGID FRAME ISO



NORTH

RIGID FRAME PLAN
1/8" = 1'-0"

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

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RIGID FRAME PLAN

S-103

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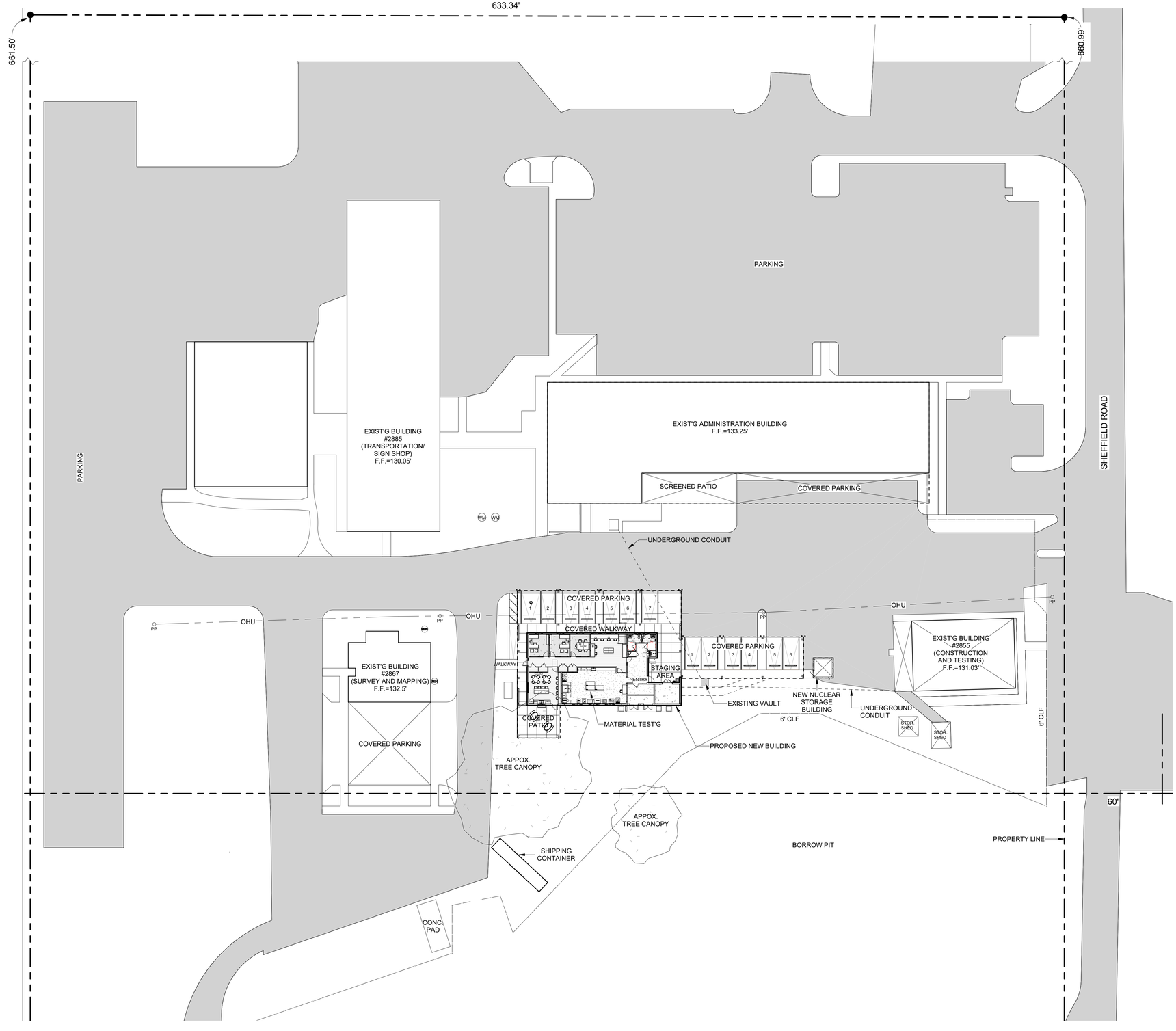

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE

PCBCC

3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
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ARCHITECTURAL SITE PLAN

AS-101

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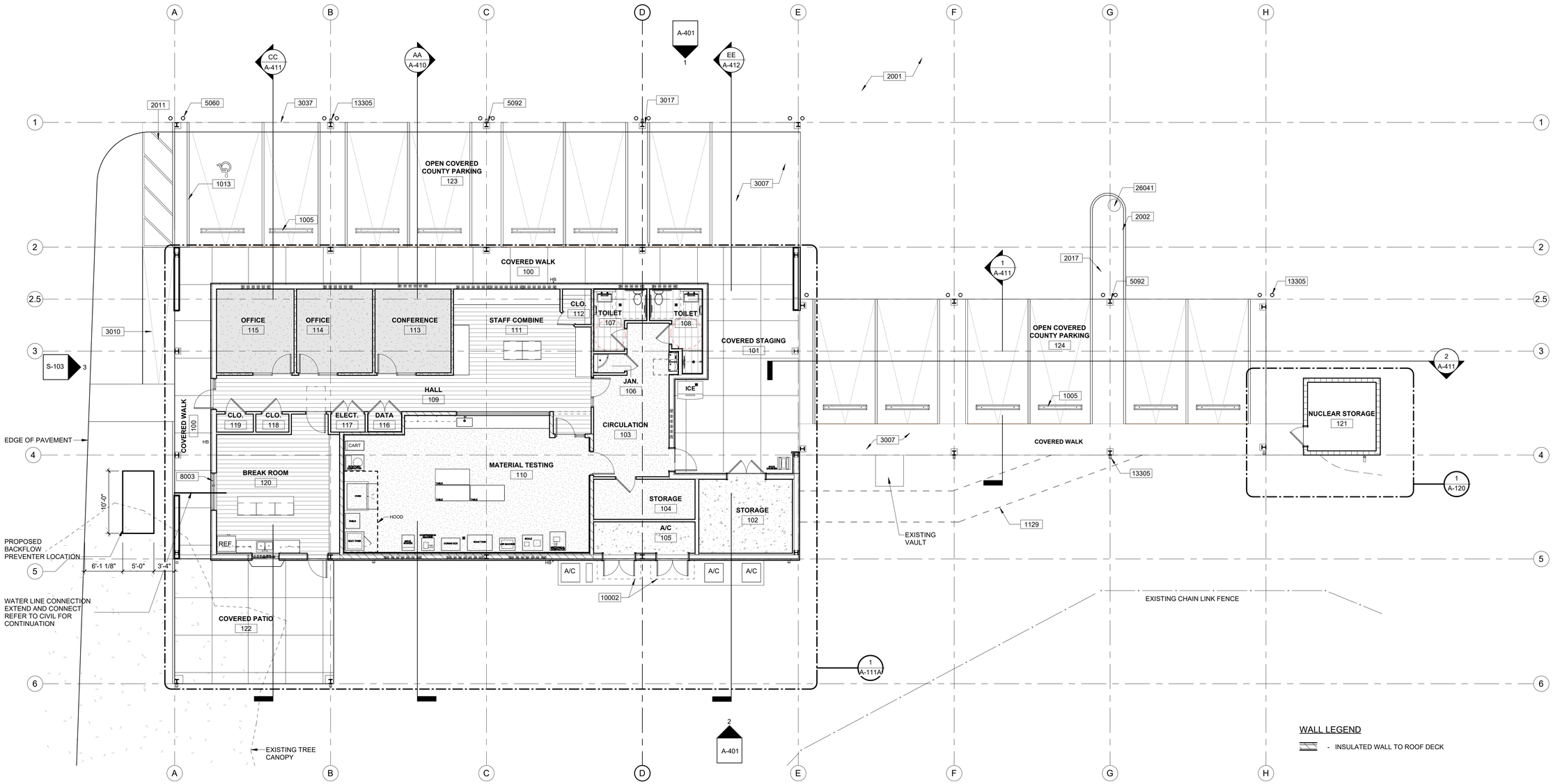
Autodesk Docs://2306_Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BUILDING RENOVATIONS_ARCH_2025.rvt

GENERAL NOTES

KEYNOTES

1005	WHEEL STOP. SEE CIVIL.
1013	4 IN. WIDE PAINTED PARKING STRIPE - TYPICAL AT PARKING AREA.
1129	EXISTING CONCRETE SLAB TO BE REMOVED. COORDINATE WITH CIVIL DRAWINGS.
2001	ASPHALT PAVING. SEE CIVIL DRAWINGS.
2002	CONCRETE CURB. SEE CIVIL DRAWINGS FOR CURB TYPE - TYPICAL.
2011	STRIPE ACCESSIBLE (H/C) STALL WITH BLUE PAINT PER STATE OF FLORIDA STANDARDS - TYPICAL.
2017	COORDINATE FINAL ELEVATION OF FINISH GRADE SO THAT TOP OF SOD IS 2 IN. BELOW TOP OF CONCRETE WALK/ SLAB - TYPICAL (UNLESS NOTED OTHERWISE). NOTE: SLOPE FINISHED GRADE TO DRAIN AWAY FROM CONCRETE WALKS TO ADJACENT STORM DRAINAGE STRUCTURES OR SWALES. SLOPE SHALL NOT EXCEED 3% FOR A MINIMUM DISTANCE OF 5 FEET BEYOND EDGE OF WALKS.
3007	6 IN. CONCRETE WALK SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AT MAXIMUM 30 FT. O.C. AND AS SHOWN; AND TOOLED JOINTS (TJ) AT 6 FT. O.C. (MAXIMUM) OR AS SHOWN. FINISH AS SCHEDULED.
3010	CONCRETE H/C RAMP: 4 IN. THICK CONCRETE WALK (WITH SALT FINISH) AS -3007- WITH THICKENED EDGE/ CAST-IN-PLACE CONCRETE FOUNDATION WALL SUPPORT AS DETAILED.
3017	MONOLITHIC CONCRETE SLAB / FOUNDATION AS REQUIRED BY SPECIALTY ENGINEER.
3037	SLOPED CONCRETE WALK/ TRANSITION DOWN TO ASPHALT PAVEMENT. CONSTRUCT WALK AS -3007-.
5060	BOLLARD: 6 IN. STEEL PIPE SET IN CONCRETE FOOTING AND GROUTED SOLID. SET TOP 48 IN. ABOVE FINISHED GRADE. COVER WITH LDPE BOLLARD SLEEVE. SECURE WITH 2 SET SCREWS COLOR AS SELECTED.
5092	STRUCTURAL STEEL COLUMN - SEE STRUCTURAL
8003	ALUMINUM STOREFRONT FRAMED OPENING WITH 1" INSUL. GLASS.
10002	ALUMINUM ROOF CANOPY OVERHANG ABOVE - TYPICAL.
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
26041	EXISTING UTILITY POLE TO REMAIN.



WALL LEGEND

- INSULATED WALL TO ROOF DECK

NORTH

ANNOTATION FLOOR PLAN
1/8" = 1'-0"

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
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OVERALL ANNOTATION FLOOR PLAN

A-101

Architect Docs (2026) - Renovations to Road & Drainage Inspection and Test Bldg\2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V2025.rvt
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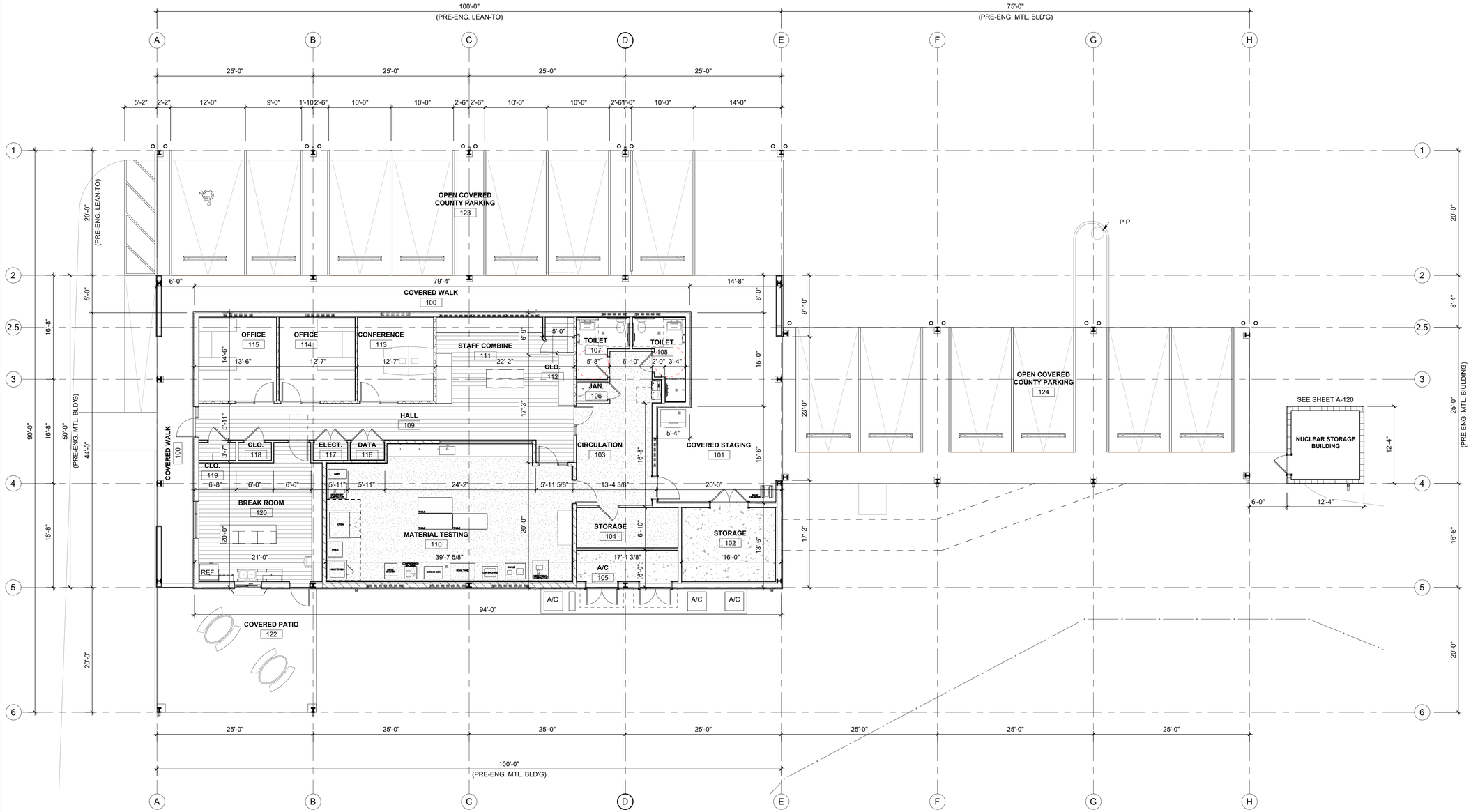
GENERAL NOTES

1. SEE ADDITIONAL DIMENSIONS ON SHEET A-111D, A-112D, & A-112E
2. SEE SHEET A-120 FOR NUCLEAR STORAGE BUILDING DIMENSIONS AND INFORMATION



OVERALL DIMENSION PLAN
1/8" = 1'-0"

NORTH

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

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DIMENSION FLOOR PLAN

A-101D

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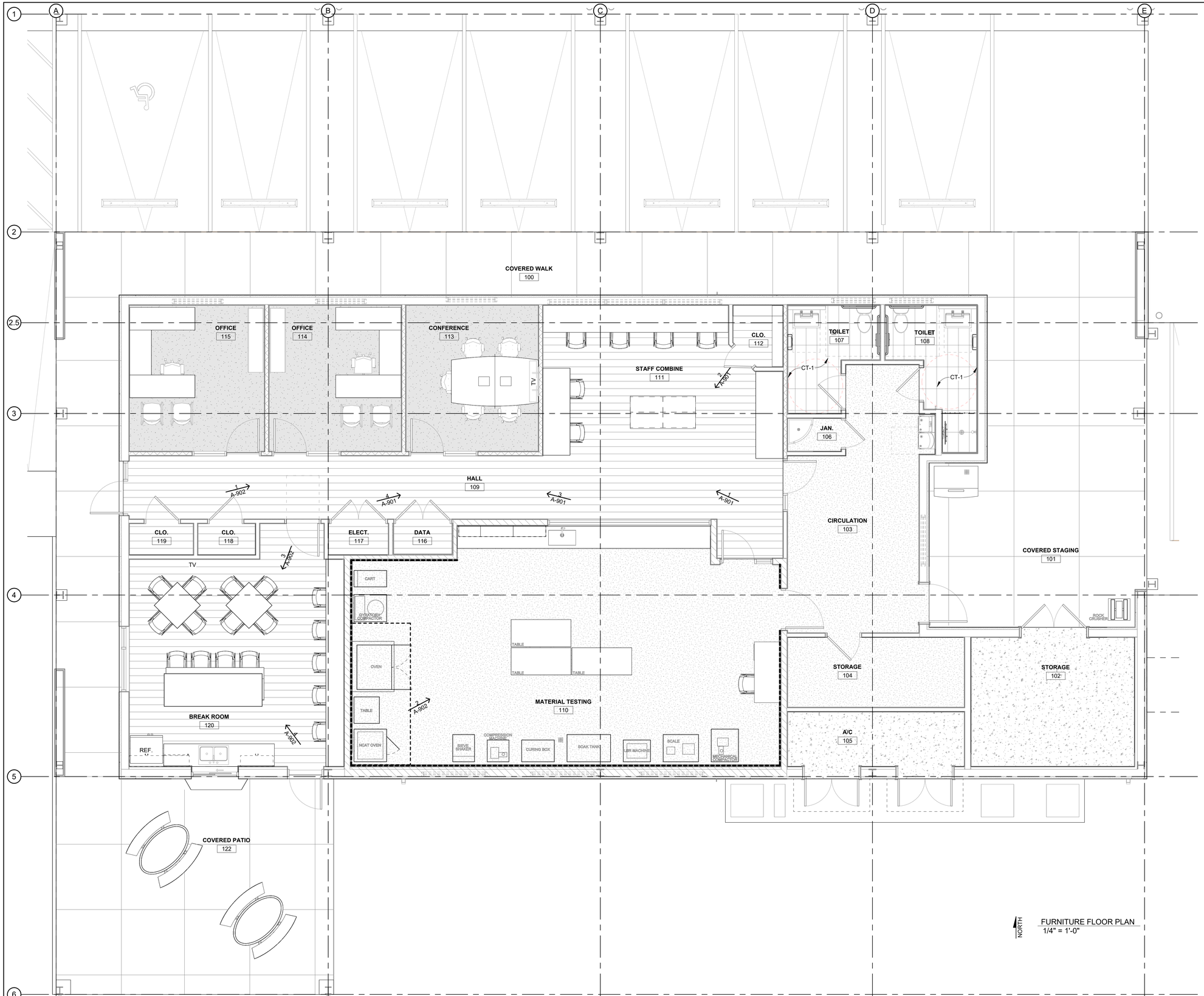
GENERAL NOTES

- SEE SHEETS A-901 AND A-902 FOR INTERIOR RENDERINGS



FURNITURE FLOOR PLAN
1/4" = 1'-0"

LEGEND

FLOOR FINISH LEGEND

- LVT: KARDEAN, VAN GOGH RECLAIMED REDWOOD VGW99T (48"X7")
- CARPET: TANDUS CENTIVA, SUBSTANCE 11449, BLOCK OUT 76204 (18"X36")
- STONHARD EPOXY
- SEALED CONCRETE
- TILE: DATILE HAUT MONDE GLITTERATI GRANITE HM03 (UNPOLISHED 12" X 24")

INTERIOR WALL FINISH LEGEND

- HORIZ. METAL WALL PANEL. METAL SPAN IW SERIES: IW-10A
- **CT-1** CERAMIC TILE DALTILE, HAUT MONDE GLITTERATI GRANITE HM03 (UNPOLISHED, 12"X24" FLOOR /WALL)

INT. PAINT

- **ACCENT:** SHERWIN WILLIAMS, SW 9141 WATERLOO.
- **FIELD:** SHERWIN WILLIAMS, SW SW 7672 KNITTING NEEDLES.

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

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FURNITURE FLOOR PLAN

A-101F

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GENERAL NOTES

1. SEE SHEET A-510 FOR WALL TYPES
2. SEE SHEET A-801 FOR ENLARGED DETAIL PLANS

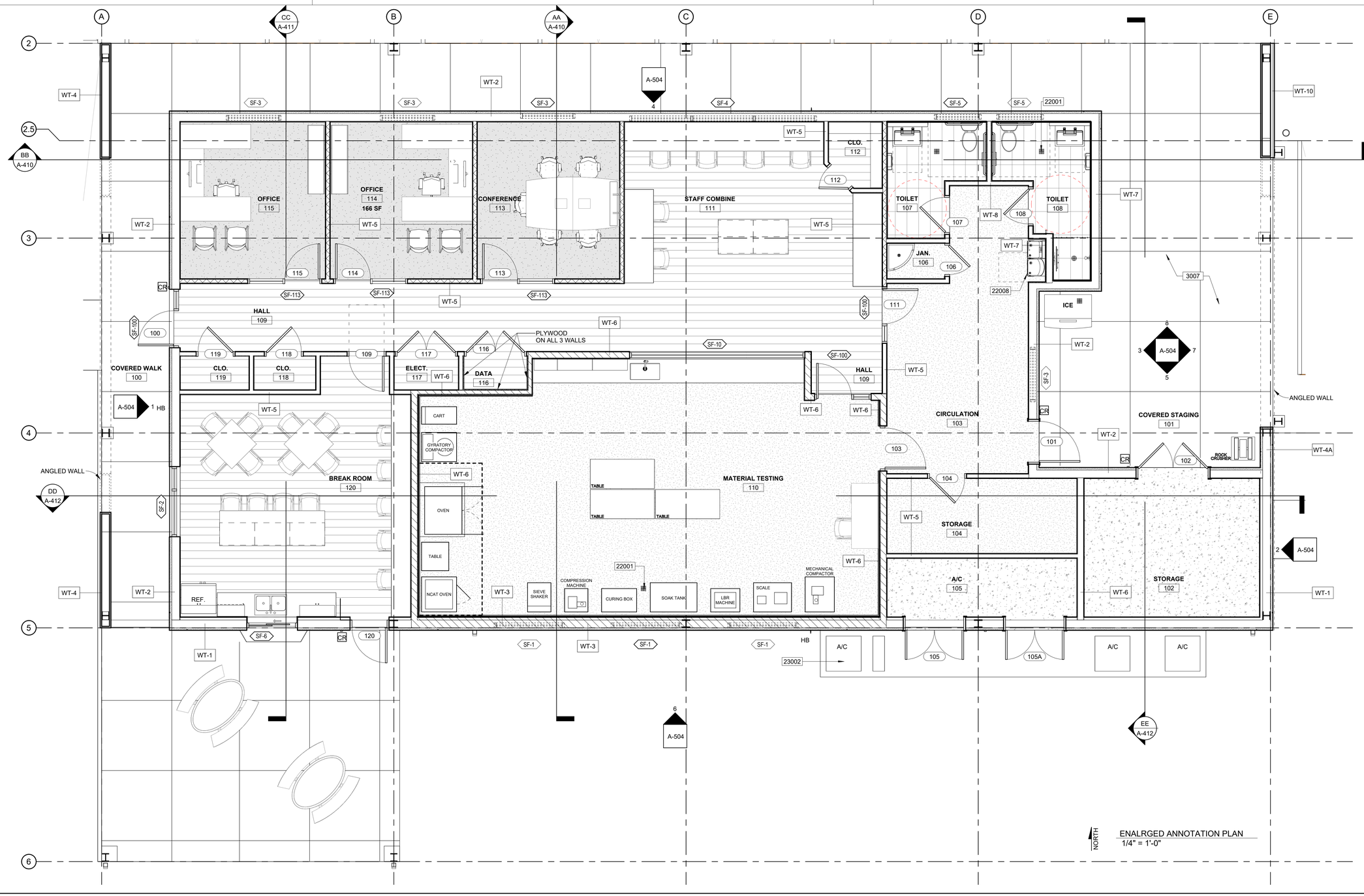
KEYNOTES

3007	6 IN. CONCRETE WALK SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AT MAXIMUM 30 FT. O.C. AND AS SHOWN; AND TOOLED JOINTS (TJ) AT 6 FT. O.C. (MAXIMUM) OR AS SHOWN. FINISH AS SCHEDULED.
22001	FLOOR DRAIN - TYPICAL AS SHOWN. SEE PLUMBING DRAWINGS.
22008	ELECTRIC WATER COOLER - TYPICAL AS SHOWN.
23002	HVAC CONDENSING UNIT SET ON CONCRETE SLAB.

LEGEND

FLOOR FINISH LEGEND

- LVT: KARDEAN, VAN GOGH RECLAIMED REDWOOD VGW99T (48"X7")
- CARPET: TANDUS CENTIVA, SUBSTANCE 11449, BLOCK OUT 76204 (18"X36")
- STONHARD EPOXY
- SEALED CONCRETE
- TILE: DATILE HAUT MONDE GLITTERATI GRANITE HMO3 (UNPOLISHED 12" X 24")



NORTH

ENALRGED ANNOTATION PLAN
1/4" = 1'-0"

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

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ENLARGED ANNOTATION FLOOR PLAN

A-111A

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GENERAL NOTES:

1. SEE ADDITIONAL DIMENSIONS ON SHEET A-112D & A-112E
2. SEE SHEET A-120 FOR NUCLEAR STORAGE BUILDING DIMENSIONS AND INFORMATION

COVERED WALK 100
OFFICE 115
OFFICE 114
CONFERENCE 113
STAFF COMBINE 111
CLO. 112
TOILET 107
TOILET 108
JAN. 106
CIRCULATION 103
COVERED STAGING 101
HALL 109
CLO. 119
CLO. 118
ELECT. 117
DATA 116
BREAK ROOM 120
MATERIAL TESTING 110
STORAGE 104
STORAGE 102
A/C 105
COVERED PATIO 122
COVERED WALKWAY
ANGLED WALL
ICE
SHOWER
CART
GYRATORY COMPACTOR
HOOD
OVEN
TABLE
NCAT OVEN
REF.
SIEVE SHAKER
COMPRESSION MACHINE
CURING BOX
SOAK TANK
LBR MACHINE
SCALE
MECHANICAL COMPACTOR
ROCK CRUSHER

100'-0" (PRE-ENG. MTL. BLD'G)

ENLARGED DIMENSION FLOOR PLAN
1/4" = 1'-0"

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE

PCBCC

3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
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ENLARGED DIMENSION FLOOR PLAN

A-111D

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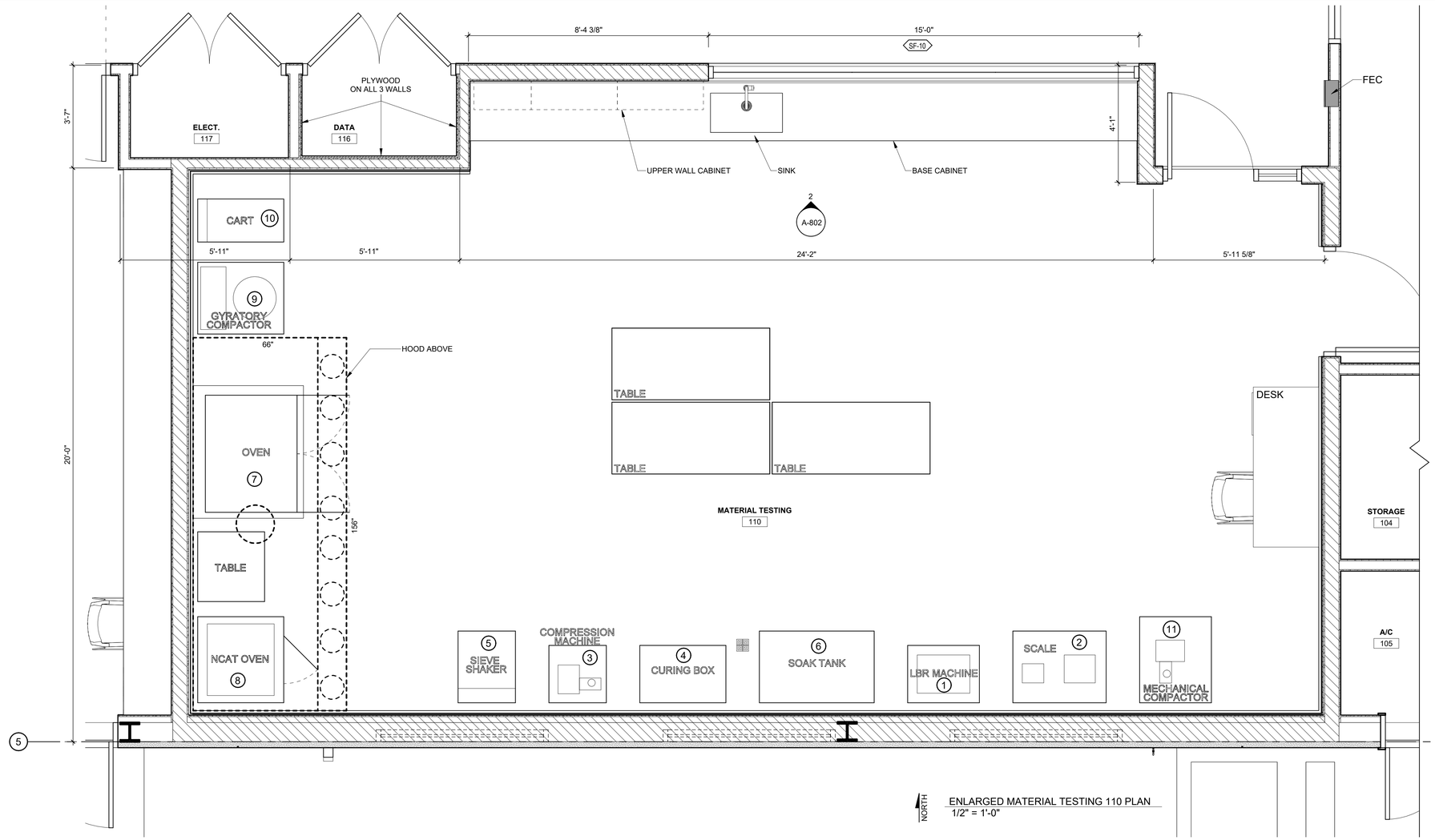


NORTH

ENLARGED MATERIAL TESTING 110 PLAN
1/2" = 1'-0"

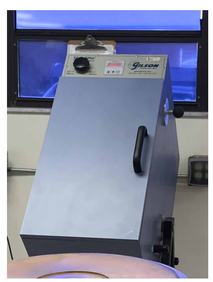
1

2

3

4

5



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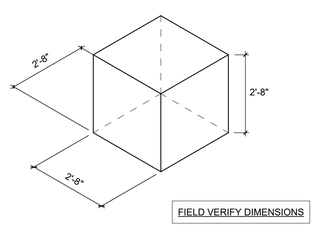

FIELD VERIFY DIMENSIONS

POURED CONC. BASE FOR EQUIP. #11

12

LAB EQUIPMENT SCHEDULE

#	EQUIPMENT	EXIST.	NEW
1	LBR MACHINE	X	
2	SCALE	X	
3	COMPRESSION MACHINE	X	
4	CURING BOX	X	
5	SIEVE SHAKER	X	
6	SOAK TANK	X	
7	OVEN	X	
8	NCAT OVEN	X	
9	GYRATORY COMPACTOR	X	
10	CART	X	
11	MECHANICAL COMPACTOR	X	CONCRETE PEDESTAL
12	ROCK CRUSHER	X	

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

ENLARGED DIMENSION FLOOR PLAN - LAB

A-112D

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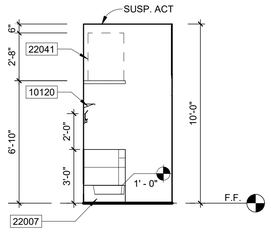
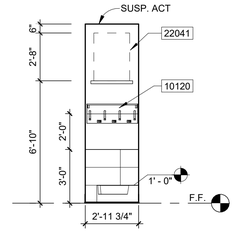


14 NORTH ELEVATION - JANITOR CLOSET
1/4" = 1'-0"



13 WEST ELEVATION - JANITOR CLOSET
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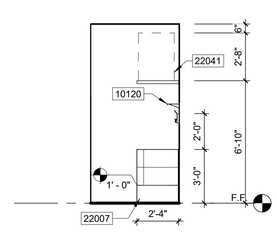

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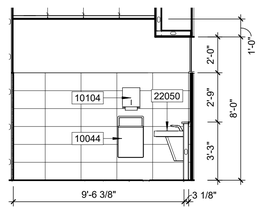
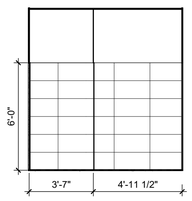


11 WEST ELEVATION - TOILET 107
1/4" = 1'-0"



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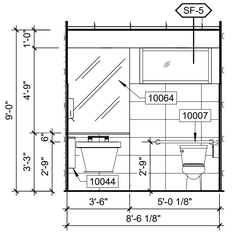

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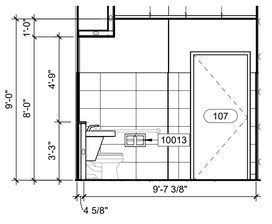
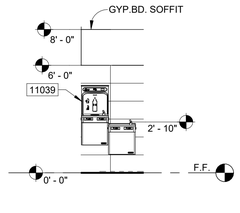
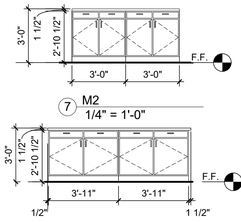


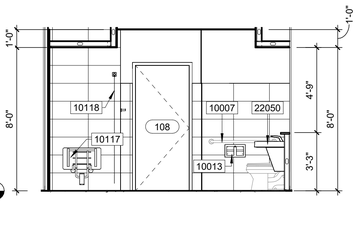
8 EAST ELEVATION - TOILET 107
1/4" = 1'-0"



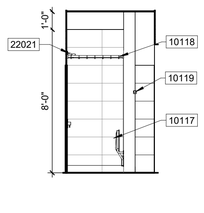
15 EAST ELEVATION - DRINKING FOUNTAIN
1/4" = 1'-0"



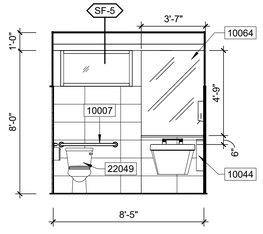
6 M3
1/4" = 1'-0"



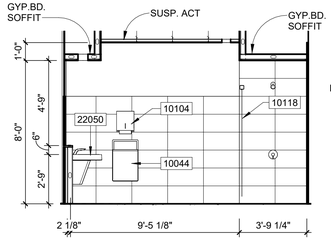
5 WEST ELEVATION - TOILET 108
1/4" = 1'-0"



4 SOUTH ELEVATION - TOILET 108
1/4" = 1'-0"



3 NORTH ELEVATION - TOILET 108
1/4" = 1'-0"



2 EAST ELEVATION - TOILET 108
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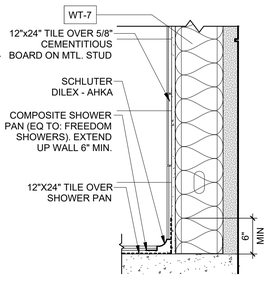
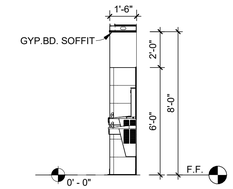
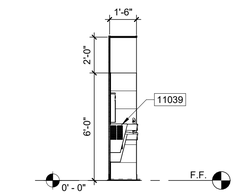


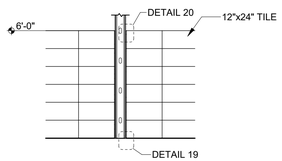
21 SHOWER PAN SECTION
1" = 1'-0"



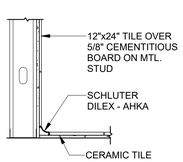
16 NORTH ELEVATION - DRINKING FOUNTAIN
1/4" = 1'-0"



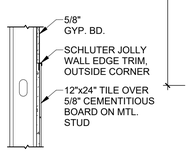
17 SOUTH ELEVATION - DRINKING FOUNTAIN
1/4" = 1'-0"



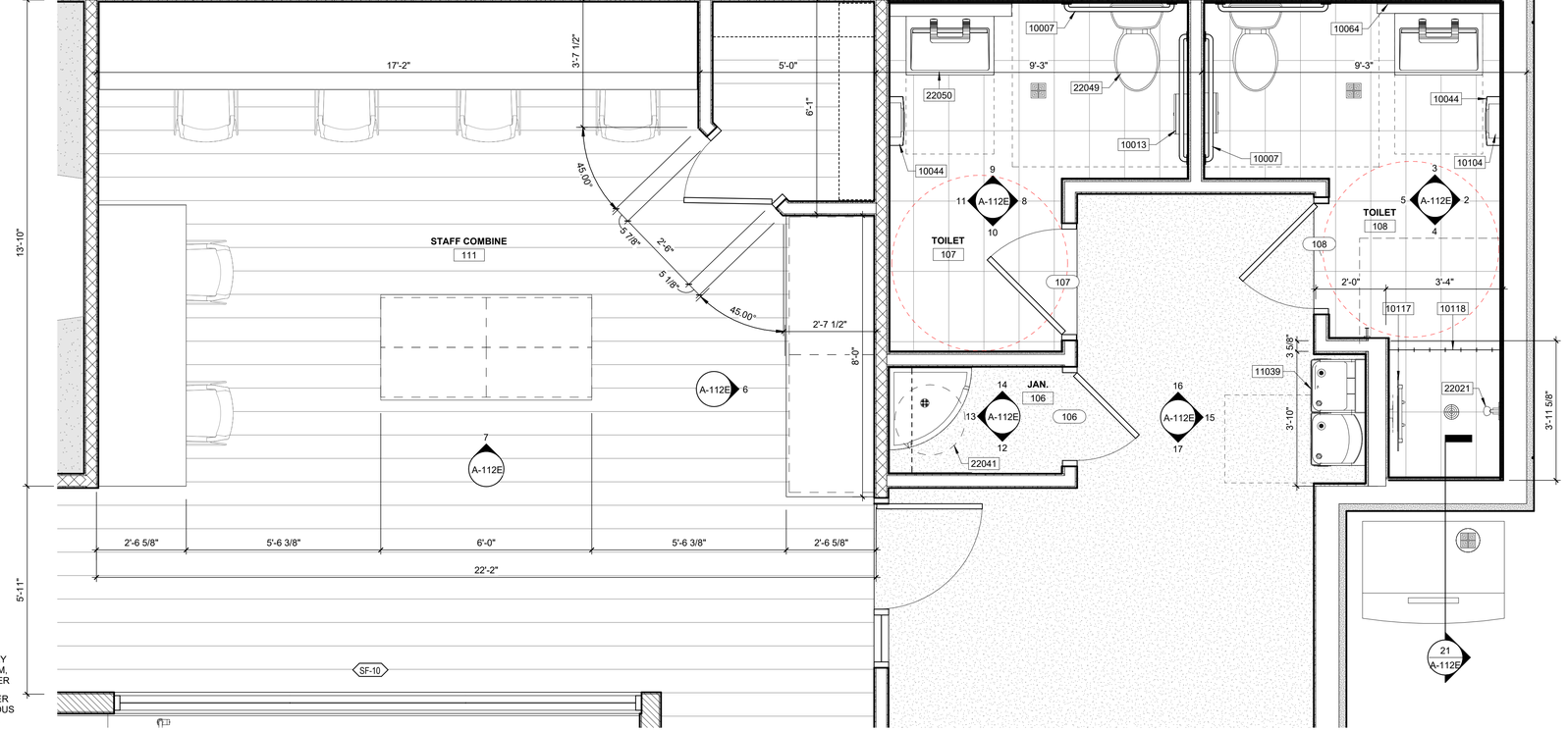
18 CERAMIC TILE SECTION
1/4" = 1'-0"



19 FLR TO WALL TRANS.
3/4" = 1'-0"



20 TILE EDGE TRIM DETAIL
3/4" = 1'-0"



1 ENLARGED PLAN STAFF COMBINE
1/2" = 1'-0"

NORTH

TOILET ACCESSORIES

Keynote	Description	Count
10007	Bobrick B-6806 Grab Bars	4
10013	TrimLineSeries™ Surface-Mounted Multi-Roll Toilet Tissue Dispenser	2
10044	Bobrick B-43644 Contura Series Recessed Waste Receptacle	2
10064	Mirror: 57" X 42"	2
10104	Fino Collection Surface Mounted Paper Towel Dispenser	2
10117	Bobrick Solid Phenolic Folding Shower / Dressing Area Seat	1
10118	Bobrick B-204-2 Vinyl Shower Curtain and Rod	1
10119	Bobrick Surface Mounted - Towel Pin	1
10120	Bobrick B-239 Utility Shelf with Rag Hooks and Broom Holders	1
11039	Elkay drinking fountain: EMABFTL8WS	1
22021	Built-In Shower with Concealed Supplies - Hand Shower and Showerhead	1
22049	ADA Toilet Commercial	2
22050	Verge™ Lavatory System w/Washbar Technology – LVQ Series, One Station	2

KEYNOTES

10007 PROVIDE PAIR OF HORIZONTAL GRAB BARS ADJACENT TO WATER CLOSET - TYPICAL IN EACH SINGLE USER TOILET ROOM AND HC TOILET STALL: PROVIDE 42 IN. LONG GRAB BAR ON SIDE WALL LOCATED 12 IN. FROM REAR WALL AND 36 IN. BAR ON REAR WALL SET 4 IN. OUT OF CORNER OF ROOM. MOUNT BOTH AT 34 IN. AFF TO CENTERLINE.

10013 WALL MOUNTED TOILET TISSUE DISPENSER - TYPICAL AT EACH WATER CLOSET. MOUNT WITH BOTTOM AT 18 IN. AFF AND 7-9 IN. FROM FRONT OF TOILET.

10044 RECESSED WASTE RECEPTACLE. SEE SPECS.

10064 57 IN. X 42 IN. MIRROR CENTERED OVER WALL HUNG LAVATORY - TYPICAL. MOUNT WITH BOTTOM OF FRAME AT 44 IN. AFF.

10104 WALL MOUNTED PAPER TOWEL DISPENSER.

10117 FOLDING SHOWER/DRESSING AREA SEAT.

10118 SHOWER COURTAIN AND ROD, TYP.

10119 SURFACE MOUNTED TOWEL PIN.

10120 UTILITY SHELF W/ MOP/BROOM HOLDERS AND RAG HOOKS.

11039 ELKAY DRINKING FOUNTAIN

22007 MOP FLOOR SINK.

22021 SHOWER WITH RAISED CURB AND CERAMIC TILE FINISH.

22041 WALL MOUNTED WATER HEATER. SEE ENGINEER'S DRAWINGS.

22049 ADA TOILET COMMERCIAL.

22050 BRADLEY LAVATORY W/ SOAP DISPENSER & HAND DRYER.

GENERAL NOTES

1. SEE DETAILS 18-20 FOR SCHLUTER SECTIONS REQUIRED FOR ALL EXPOSED CERAMIC TILE EDGES.

LEGEND

FLOOR FINISH LEGEND

- LVT: KARDEAN, VAN GOGH RECLAIMED REDWOOD VGW99T (48"X7")
- CARPET: TANDUS CENTIVA, SUBSTANCE 11449, BLOCK OUT 76204 (18"X36")
- STONHARD EPOXY
- SEALED CONCRETE
- TILE: DATILE HAUT MONDE GLITTERATI GRANITE HMO3 (UNPOLISHED 12" X 24")

INTERIOR WALL FINISH LEGEND

- HORIZ. METAL WALL PANEL. METAL SPAN IW SERIES: IW-10A
- **CT-1** CERAMIC TILE DALTILE, HAUT MONDE GLITTERATI GRANITE HM03 (UNPOLISHED, 12"X24" FLOOR /WALL)

INT. PAINT

- **ACCENT:** SHERWIN WILLIAMS, SW 9141 WATERLOO.
- **FIELD:** SHERWIN WILLIAMS, SW SW 7672 KNITTING NEEDLES.

STRAUGHN TROUT ARCHITECTS
2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3001
PH: (863) 665-6205
StraughnTrout.com

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

ENLARGED FLOOR PLAN AND ELEVATIONS

A-112E

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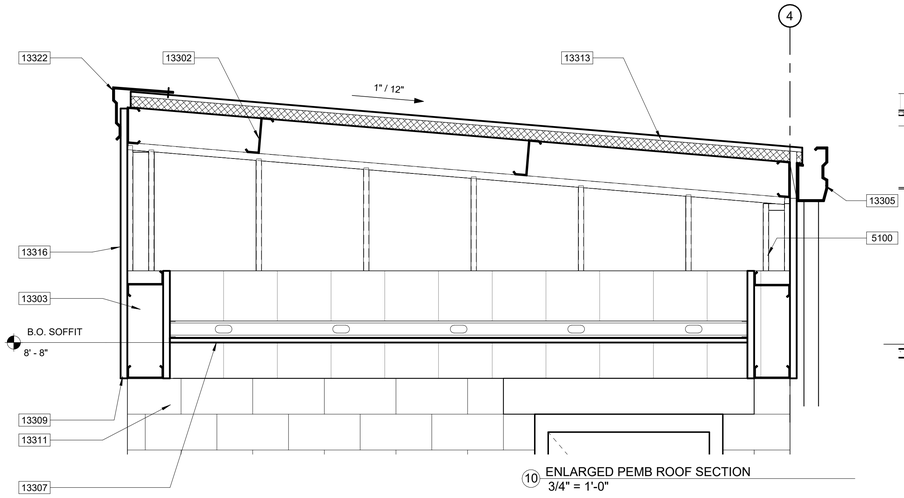
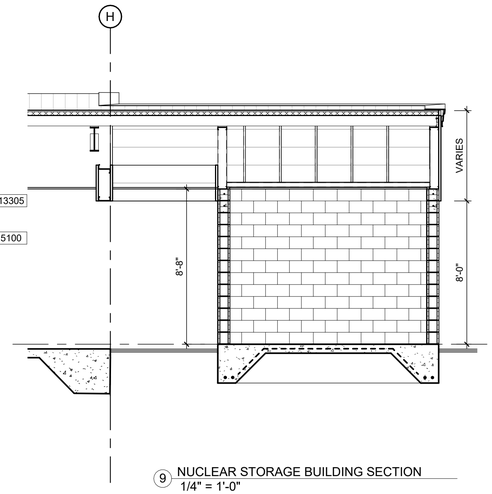
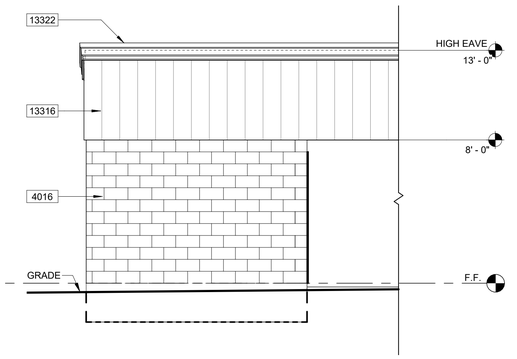


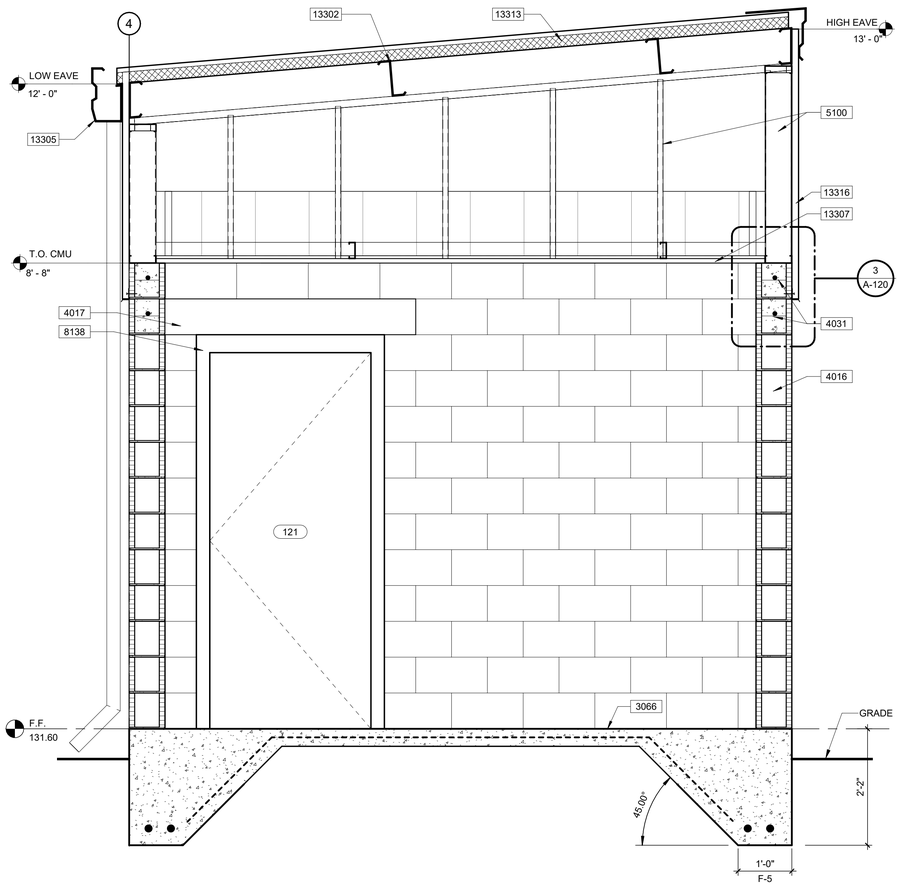
10 ENLARGED PEMB ROOF SECTION
3/4" = 1'-0"



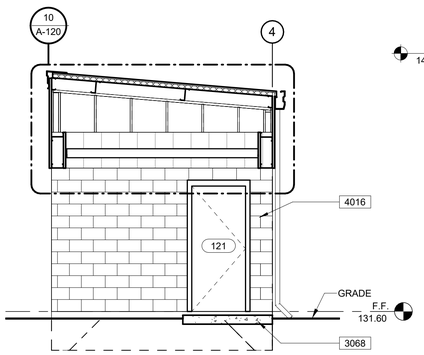
9 NUCLEAR STORAGE BUILDING SECTION
1/4" = 1'-0"



8 NUCLEAR STORAGE NORTH ELEVATION
1/4" = 1'-0"



5 NUCLEAR STORAGE BUILDING SECTION
3/4" = 1'-0"



7 NUCLEAR STORAGE WEST ELEVATION
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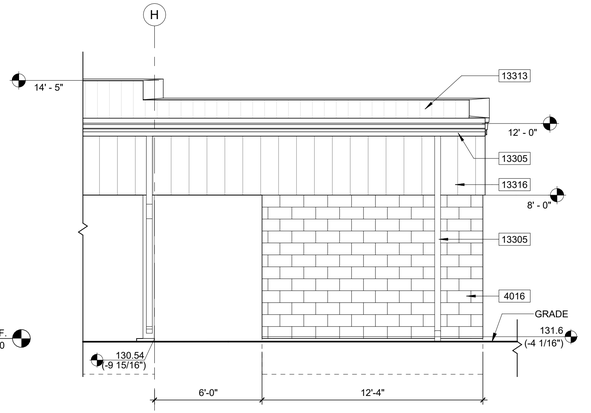
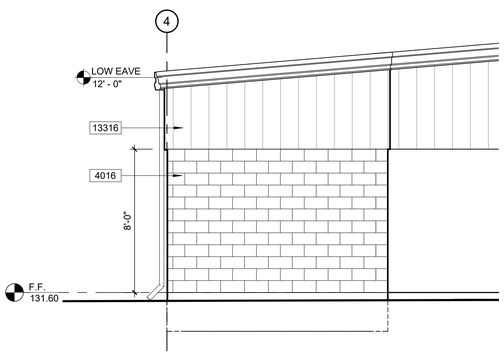
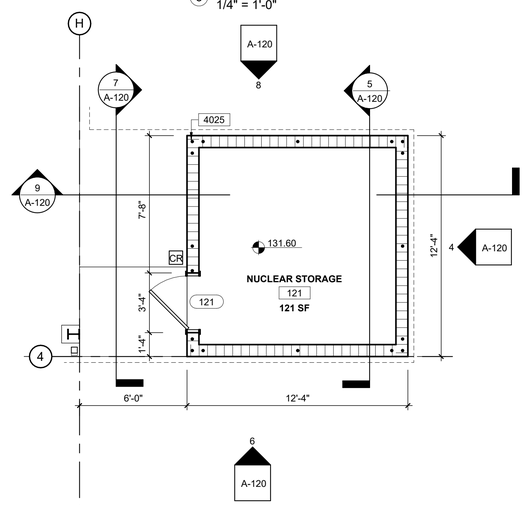


6 NUCLEAR STORAGE SOUTH ELEVATION
1/4" = 1'-0"

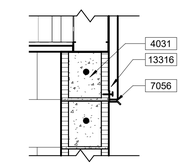


4 NUCLEAR STORAGE EAST ELEVATION
1/4" = 1'-0"

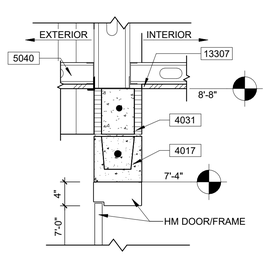


NORTH

NUCLEAR STORAGE ENLARGED FLOOR PLAN
1/4" = 1'-0"



3 DRIP EDGE DETAIL
1" = 1'-0"



2 DOOR HEAD DETAIL
1" = 1'-0"

KEYNOTES

3066	4 IN. THICK CONCRETE SLAB WITH THICKENED EDGES AND #5 REBAR.
3068	6IN CONCRETE SLAB ON GRADE REINFORCED WITH 6X6 W2.9XW2.9 WWF AND COMPACTED FILL.
4016	8X8X16 CMU WITH HORIZONTAL JOINT REINFORCING AT 16 IN. O.C.V. GROUTED SOLID. SEE ELEVATIONS AND DETAILS FOR FINISH.
4017	PRECAST CONC. LINTEL W/ #5 BAR AND CONC. (SEE STRUCTURAL)
4025	8X8x16 CMU W/ #5 BAR VERTICAL IN CONC. FILLED CELL FROM SLAB TO TOP OF KO BLOCK.
4031	8x8x16 KO BLOCK WITH #5 REBAR AND FILLED CONCRETE.
5040	INTERIOR METAL STUD FRAMING AT SOFFIT/ FASCIA BY SPECIALTY ENGINEER.
5100	3-5/8" STEEL STUD FRAMING @ 16" O.C.
7056	ALUMINUM DRIP EDGE WITH CONTIUOUS CLEAT ON ONE SIDE.
8138	HOLLOW METAL DOOR AND FRAME WITH 4" HEAD.
13302	"Z" PURLINS BY PEMB MANUFACTURER
13303	SIDEWALL GIRT BY PEMB MANUFACTURER
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
13307	METAL SOFFIT PANEL ON 3-5/8" METAL STUDS @ 5'-0" O.C. BRACE TO ROOF PURLIN W/ 2"X2"X1/4" ANGLE CENTER SPAN.
13309	DRIP TRIM BY PEMB MANUFACTURER
13311	PANEL TRIM BY PEMB MANUFACTURER
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13316	AVP EXTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
13322	METAL WALL FLASHING BY PEMB MANUFACTURER

STRAUGHN TROUT ARCHITECTS

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

ENLARGED NUCLEAR STORAGE DETAIL

A-120

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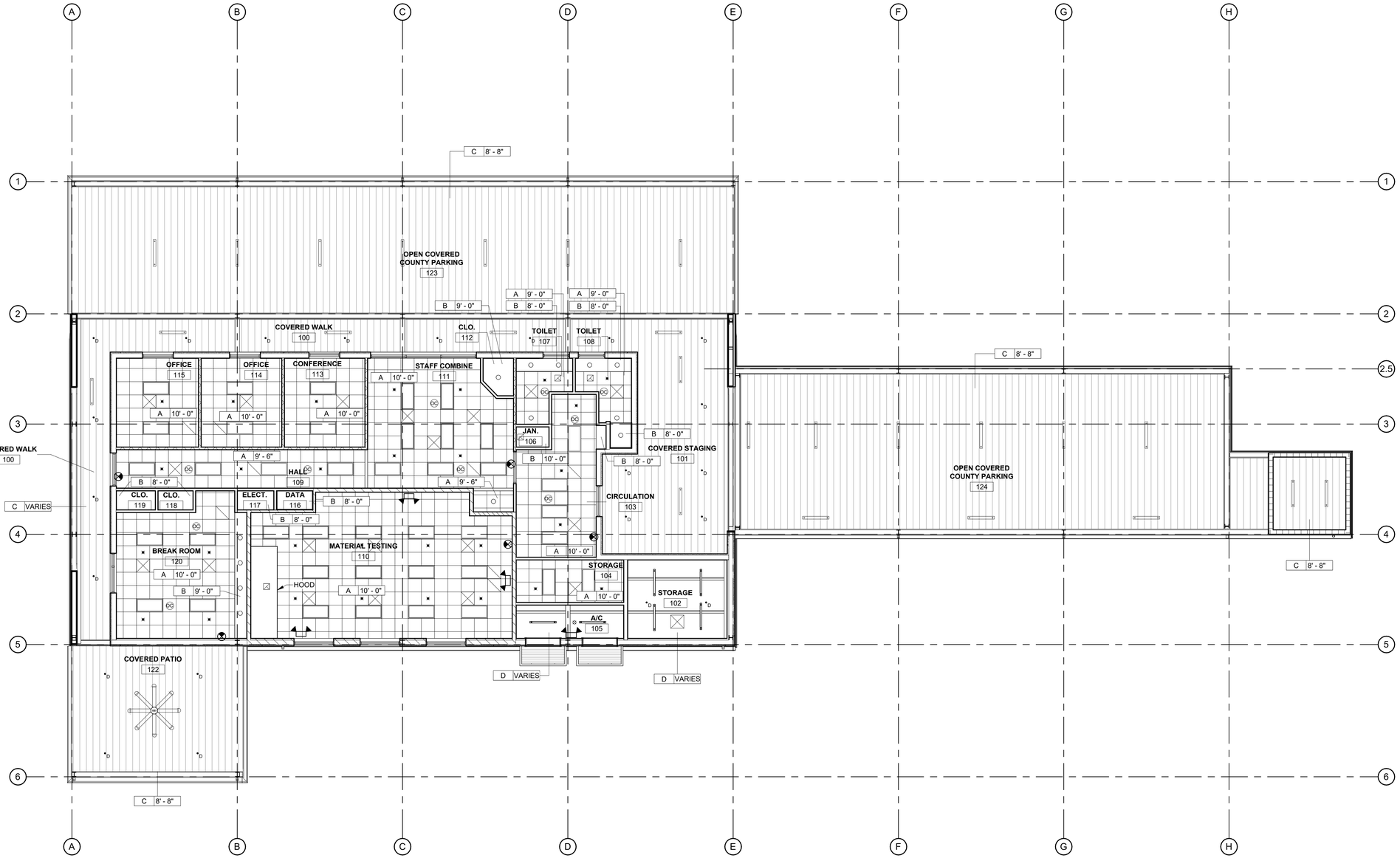

OVERALL REFLECTED CEILING PLAN
1/8" = 1'-0"

RCP LEGEND

CLG. TYPE — A | 0' - 0" — CLG. HGT.

A	SUSPENDED ACOUSTICAL CEILING TILE 24" X 24"
B	5/8" GYPSUM WALL BOARD
C	METAL SOFFIT PANEL
D	OPEN STRUCTURE ABOVE

REFLECTED CEILING PLAN SYMBOLS

- 9' - 0" — CEILING HEIGHT
- LED PANEL LIGHT FIXTURES (24"X24") & (24"X48")
- LINEAR PENDANT LIGHT FIXTURES
- EXIT SIGN
- AC RETURN
- AC SUPPLY
- RESTROOM EXHAUST FAN
- RECESSED FIRE SPRINKLER HEAD
- PENDANT FIRE SPRINKLER HEAD
- D — DRY TYPE FIRE SPRINKLER HEAD
- EMERGENCY LIGHTING
- OCCUPANY SENSOR

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE

PCBCC

3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

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REFLECTED CEILING PLAN

A-201

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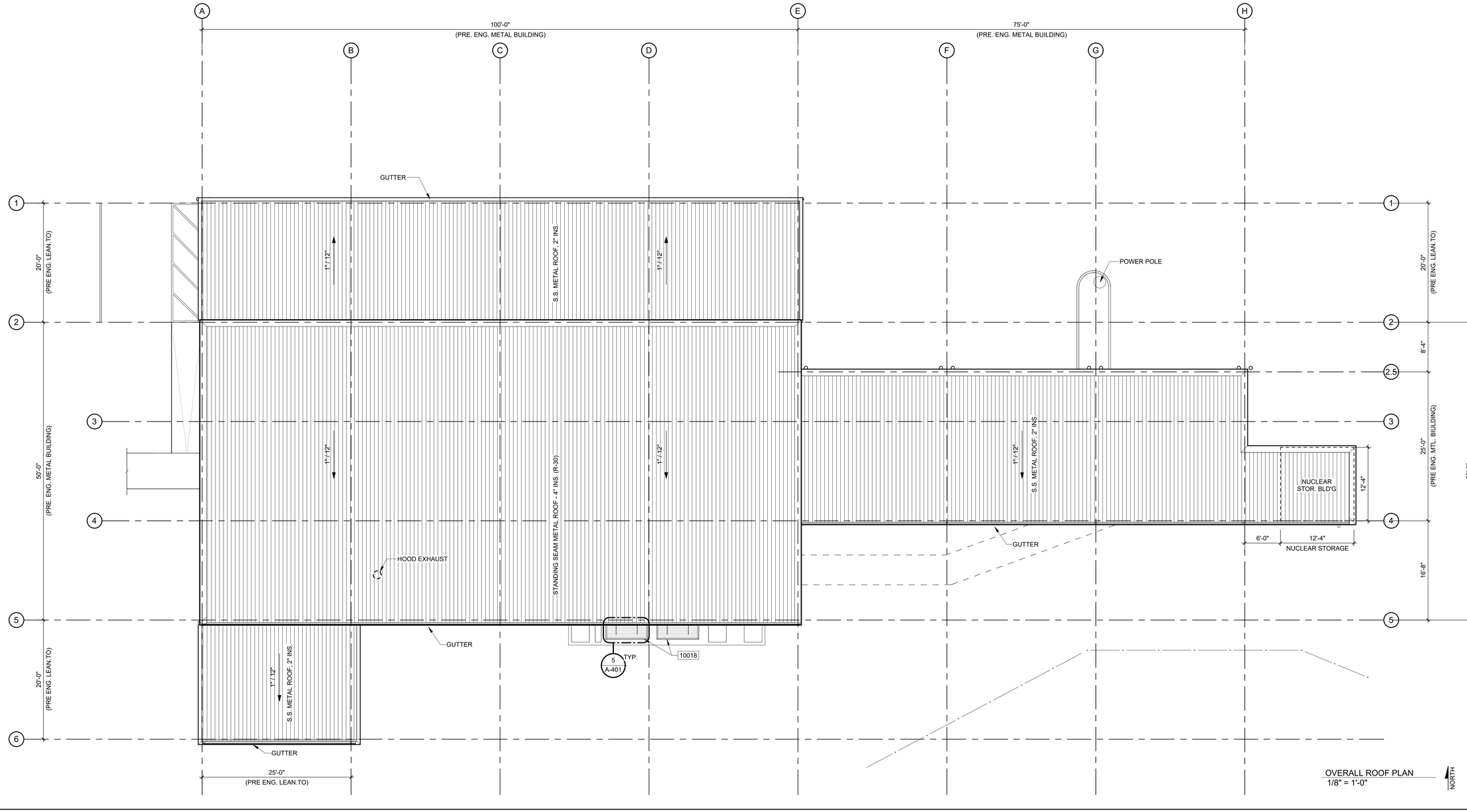
GENERAL NOTES

KEYNOTES

10018 PREFINISHED ALUMINUM CANOPY FASCIA - 8 IN. HIGH - TYPICAL. COLOR AS SELECTED.



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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

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ROOF PLAN

A-301

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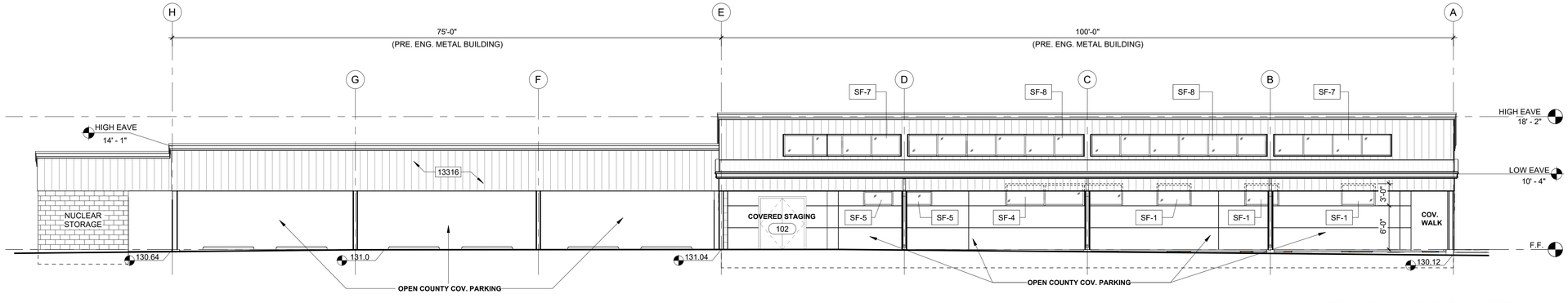
GENERAL NOTES

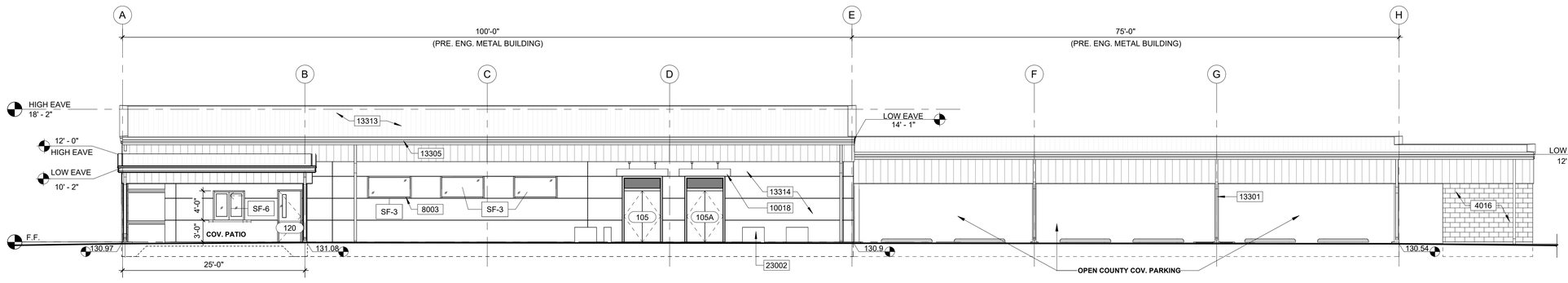
PEMB = PRE-ENGINEERED METAL BLD'G

KEYNOTES

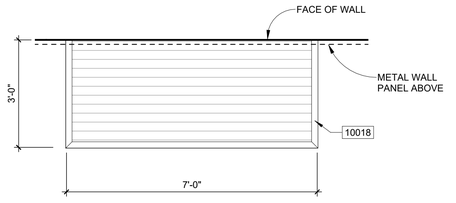
4016	8X8X16 CMU WITH HORIZONTAL JOINT REINFORCING AT 16 IN. O.C.V. GROUTED SOLID. SEE ELEVATIONS AND DETAILS FOR FINISH.
8003	ALUMINUM STOREFRONT FRAMED OPENING WITH 1" INSUL. GLASS.
10018	PREFINISHED ALUMINUM CANOPY FASCIA - 8 IN. HIGH - TYPICAL. COLOR AS SELECTED.
13301	METAL BUILDING FRAME BY PEMB MANUFACTURER
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13314	EXTERIOR INSULATED METAL WALL PANEL BY PEMB MANUFACTURER
13316	AVP EXTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
23002	HVAC CONDENSING UNIT SET ON CONCRETE SLAB.



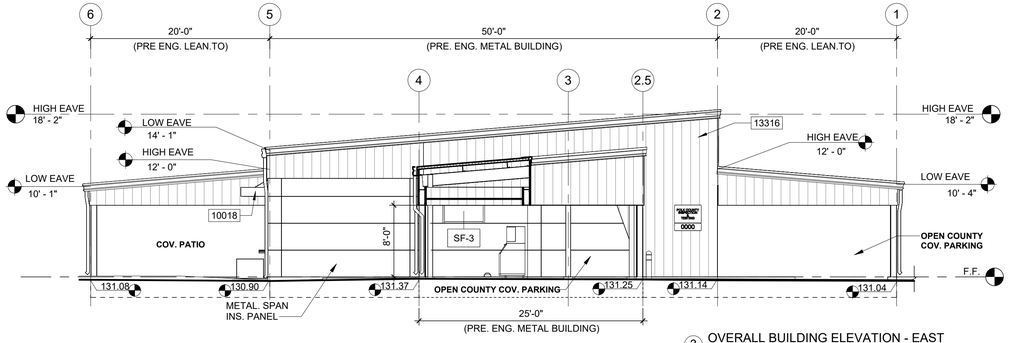
1 OVERALL BUILDING ELEVATION - NORTH
1/8" = 1'-0"



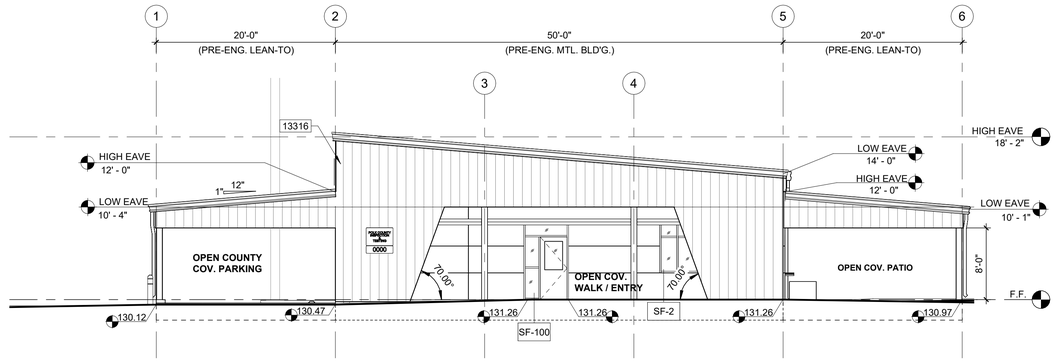
2 OVERALL BUILDING ELEVATION - SOUTH
1/8" = 1'-0"



5 DOOR CANOPY PLAN (TYP.)
1/2" = 1'-0"



3 OVERALL BUILDING ELEVATION - EAST
1/8" = 1'-0"



4 OVERALL BUILDING ELEVATION - WEST
1/8" = 1'-0"

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
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EXTERIOR ELEVATIONS

A-401

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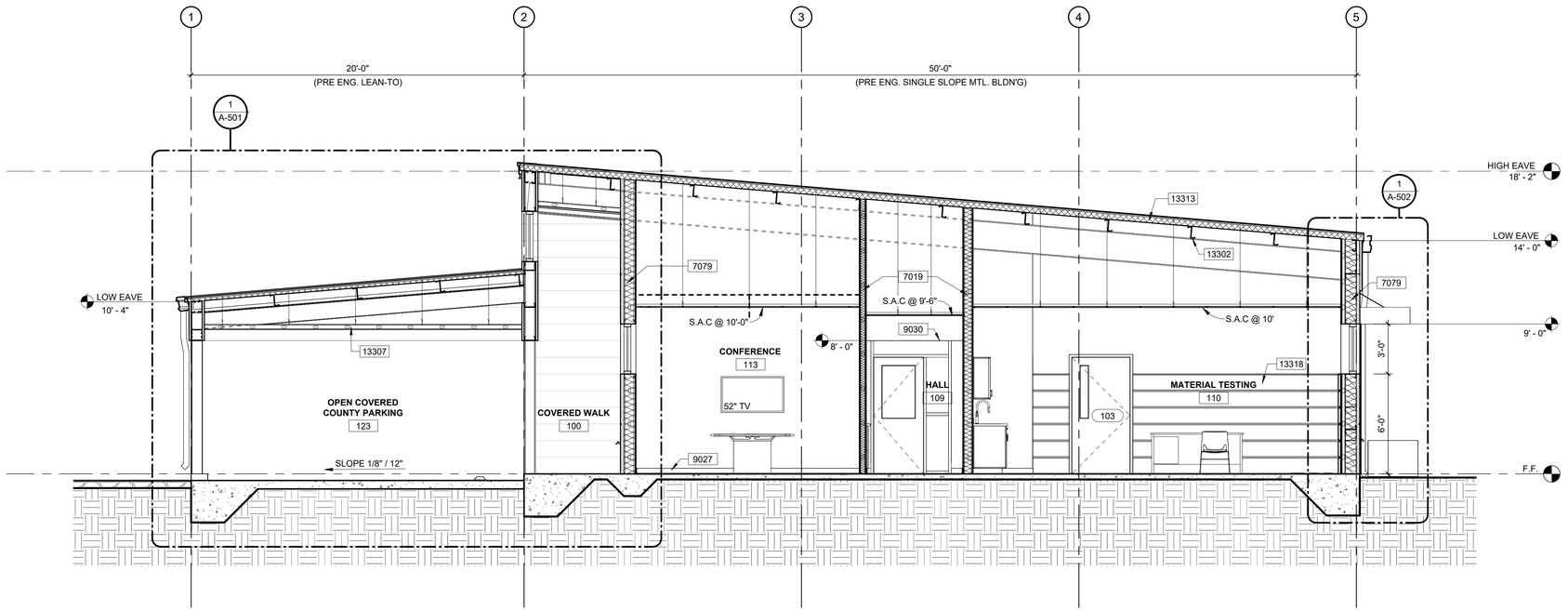
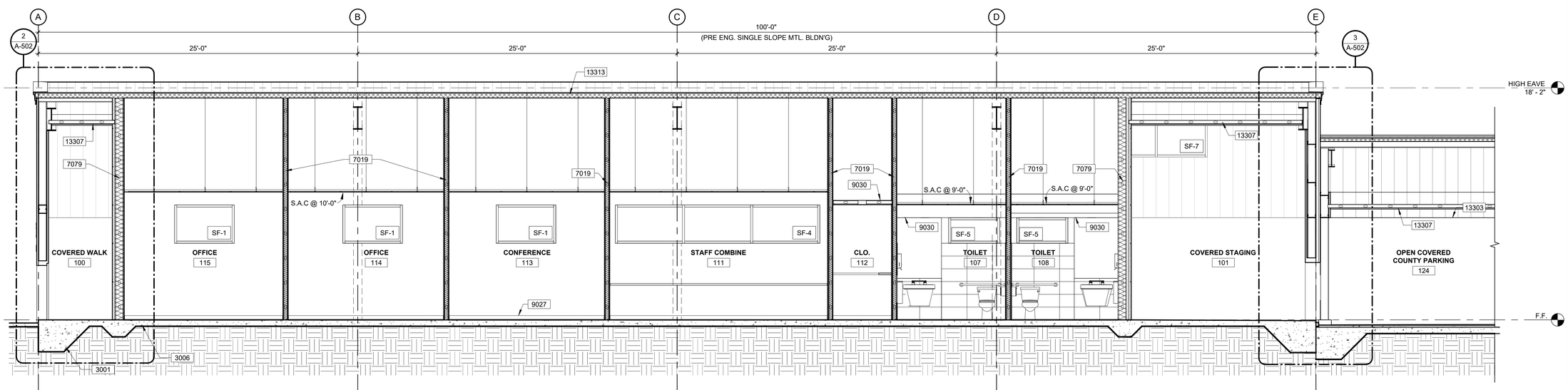
GENERAL NOTES

KEYNOTES

3001	CONCRETE FOOTING, SEE STRUCTURAL DRAWINGS - TYPICAL.
3006	4 IN. CONCRETE SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. THICKEN EXPOSED EDGE TO 6 IN. X 6 IN. (OR AS NOTED) AND REINFORCE WITH 1-#5 CONTINUOUS - TYPICAL. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AND TOOLED JOINTS (TJ) AS SHOWN.
7019	SOUND BATT INSULATION SIZED TO MATCH STUD CAVITY - TYPICAL.
7079	BATT INSULATION INSTALLED TO FILL WALL STUD CAVITY - TYPICAL.
9027	RUBBER BASE WITH PAINTED GYPSUM DRYWALL ABOVE TO LIMITS INDICATED.
9030	5/8 IN. GYPSUM SHEATHING SOFFIT OVER 3 5/8 IN. X 20 GAUGE METAL STUDS AT 16 IN. O.C. FRAMED TO SHAPES AS DETAILED.
13302	"Z" PURLINS BY PEMB MANUFACTURER
13303	SIDEWALL GIRT BY PEMB MANUFACTURER
13307	METAL SOFFIT PANEL ON 3-5/8" METAL STUDS @ 5'-0" O.C. BRACE TO ROOF PURLIN W/ 2"X2"X1/4" ANGLE CENTER SPAN.
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13318	INTERIOR METAL WALL PANEL BY PEMB MANUFACTURER



AA BUILDING SECTION
1/4" = 1'-0"



BB BUILDING SECTION
1/4" = 1'-0"

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

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BUILDING SECTIONS

A-410

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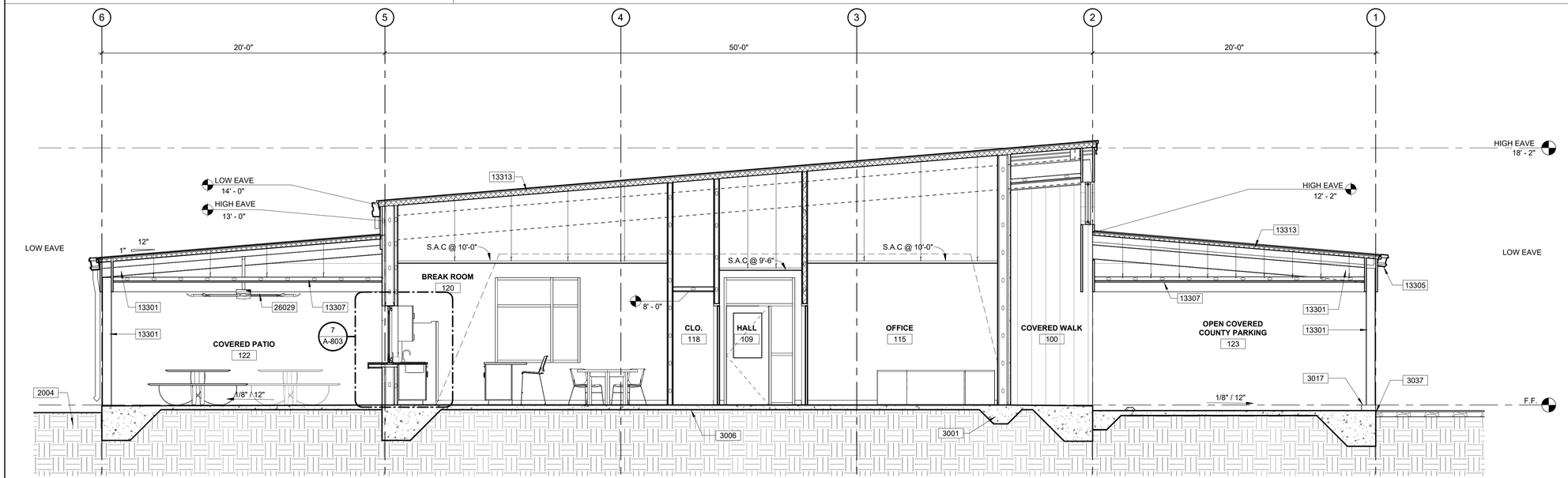
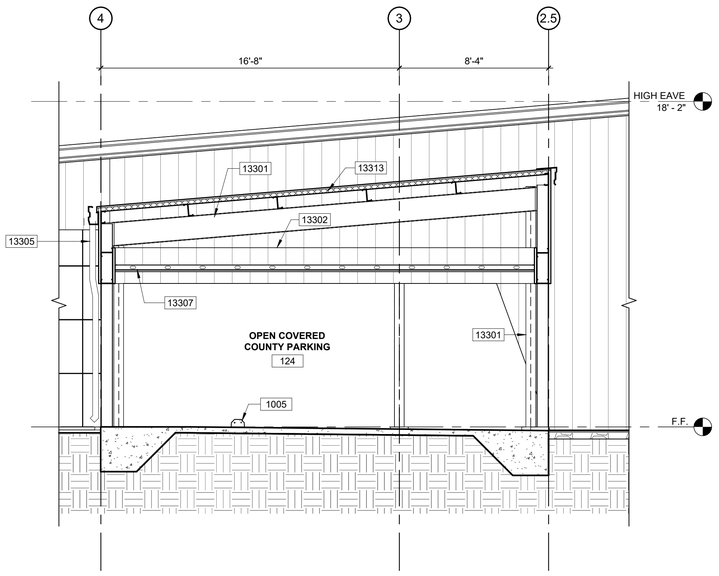
GENERAL NOTES

KEYNOTES

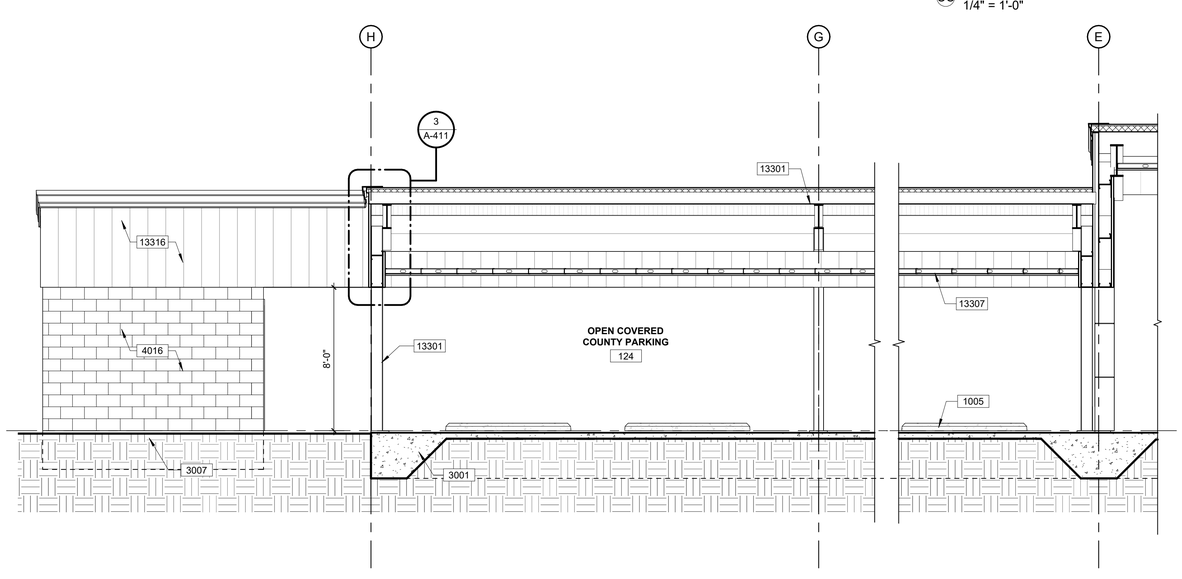
1005	WHEEL STOP. SEE CIVIL.
2004	FINISHED GRADE.
3001	CONCRETE FOOTING, SEE STRUCTURAL DRAWINGS - TYPICAL.
3006	4 IN. CONCRETE SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. THICKEN EXPOSED EDGE TO 6 IN. X 6 IN. (OR AS NOTED) AND REINFORCE WITH 1-#5 CONTINUOUS - TYPICAL. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AND TOOLED JOINTS (TJ) AS SHOWN.
3007	6 IN. CONCRETE WALK SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AT MAXIMUM 30 FT. O.C. AND AS SHOWN; AND TOOLED JOINTS (TJ) AT 6 FT. O.C. (MAXIMUM) OR AS SHOWN. FINISH AS SCHEDULED.
3017	MONOLITHIC CONCRETE SLAB / FOUNDATION AS REQUIRED BY SPECIALTY ENGINEER.
3037	SLOPED CONCRETE WALK/ TRANSITION DOWN TO ASPHALT PAVEMENT. CONSTRUCT WALK AS -3007-.
4016	8X8X16 CMU WITH HORIZONTAL JOINT REINFORCING AT 16 IN. O.C.V. GROUTED SOLID. SEE ELEVATIONS AND DETAILS FOR FINISH.
13301	METAL BUILDING FRAME BY PEMB MANUFACTURER
13302	"Z" PURLINS BY PEMB MANUFACTURER
13303	SIDEWALL GIRT BY PEMB MANUFACTURER
13304	METAL RAKE TRIM BY PEMB MANUFACTURER
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
13307	METAL SOFFIT PANEL ON 3-5/8" METAL STUDS @ 5'-0" 0.C. BRACE TO ROOF PURLIN W/ 2"X2"X1/4" ANGLE CENTER SPAN.
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13316	AVP EXTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
26029	CEILING MOUNTED FAN. SEE FIXTURE SCHEDULE.



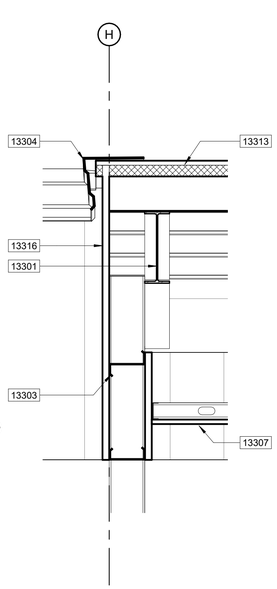
CC BUILDING SECTION
1/4" = 1'-0"



1 COVERED PARKING SECTION
1/4" = 1'-0"



2 COVERED PARKING SECTION
1/4" = 1'-0"



3 ENLARGED WALL DETAIL
3/4" = 1'-0"

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING
FOR POLK COUNTY ROADS &
DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

BUILDING SECTIONS

A-411

Architect Date: FORM - Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V2023.rvt
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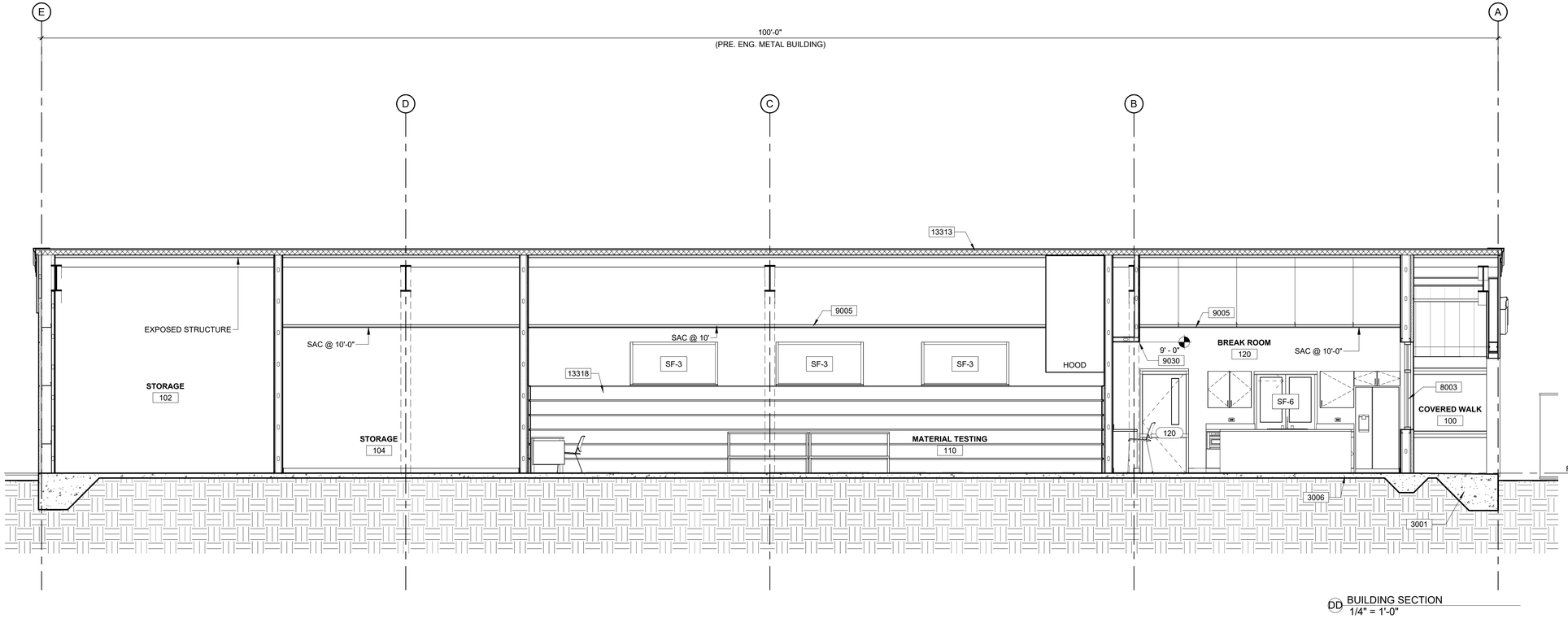
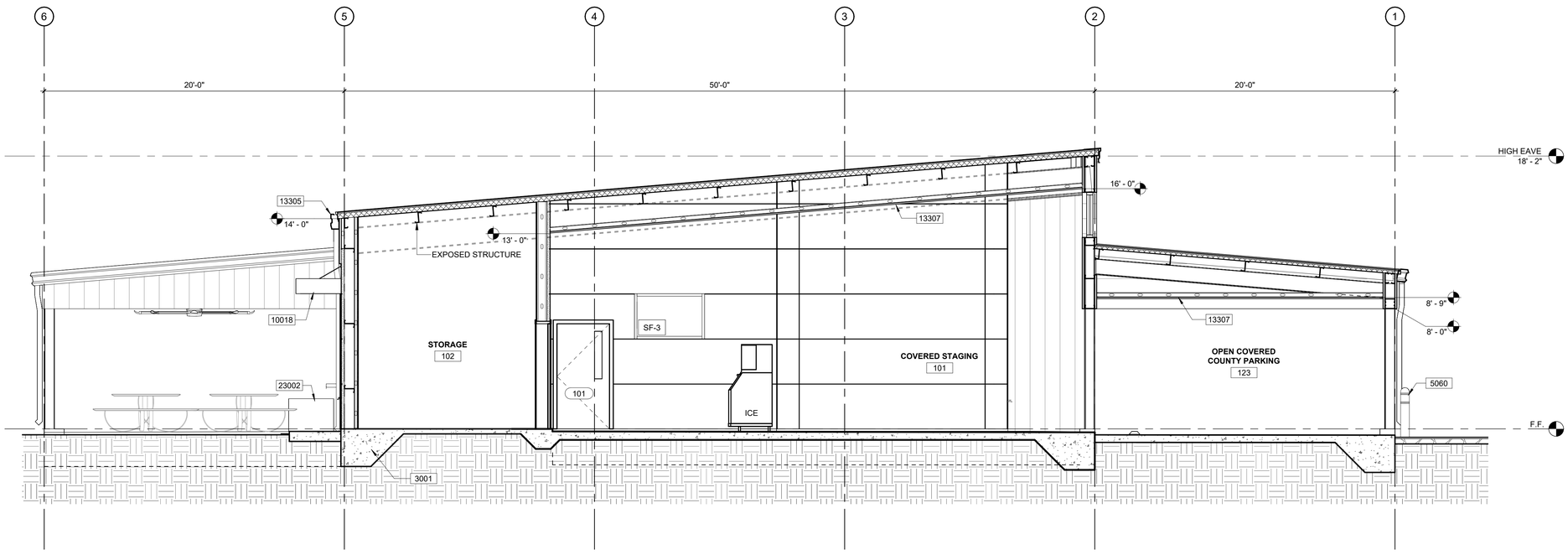


DD BUILDING SECTION
1/4" = 1'-0"



EE BUILDING SECTION
1/4" = 1'-0"

GENERAL NOTES

KEYNOTES

3001	CONCRETE FOOTING, SEE STRUCTURAL DRAWINGS - TYPICAL.
3006	4 IN. CONCRETE SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. THICKEN EXPOSED EDGE TO 6 IN. X 6 IN. (OR AS NOTED) AND REINFORCE WITH 1-#5 CONTINUOUS - TYPICAL. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AND TOOLED JOINTS (TJ) AS SHOWN.
5060	BOLLARD: 6 IN. STEEL PIPE SET IN CONCRETE FOOTING AND GROUTED SOLID, SET TOP 48 IN. ABOVE FINISHED GRADE. COVER WITH LDPE BOLLARD SLEEVE. SECURE WITH 2 SET SCREWS COLOR AS SELECTED.
8003	ALUMINUM STOREFRONT FRAMED OPENING WITH 1" INSUL. GLASS.
9005	SUSPENDED ACOUSTICAL CEILING - WITH ACOUSTICAL TILE AS SPECIFIED / SCHEDULED.
9030	5/8 IN. GYPSUM SHEATHING SOFFIT OVER 3 5/8 IN. X 20 GAUGE METAL STUDS AT 16 IN. O.C. FRAMED TO SHAPES AS DETAILED.
10018	PREFINISHED ALUMINUM CANOPY FASCIA - 8 IN. HIGH - TYPICAL. COLOR AS SELECTED.
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
13307	METAL SOFFIT PANEL ON 3-5/8" METAL STUDS @ 5'-0" 0.C. BRACE TO ROOF PURLIN W/ 2"X2"X1/4" ANGLE CENTER SPAN.
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13318	INTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
23002	HVAC CONDENSING UNIT SET ON CONCRETE SLAB.

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

BUILDING SECTIONS

A-412

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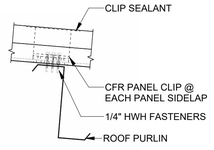
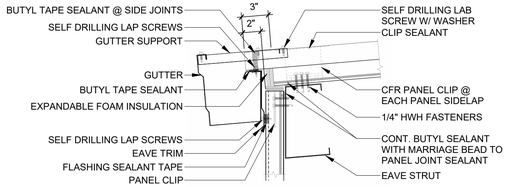
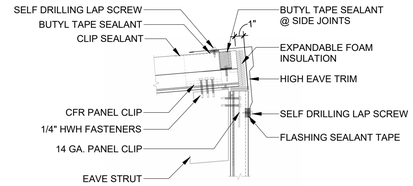


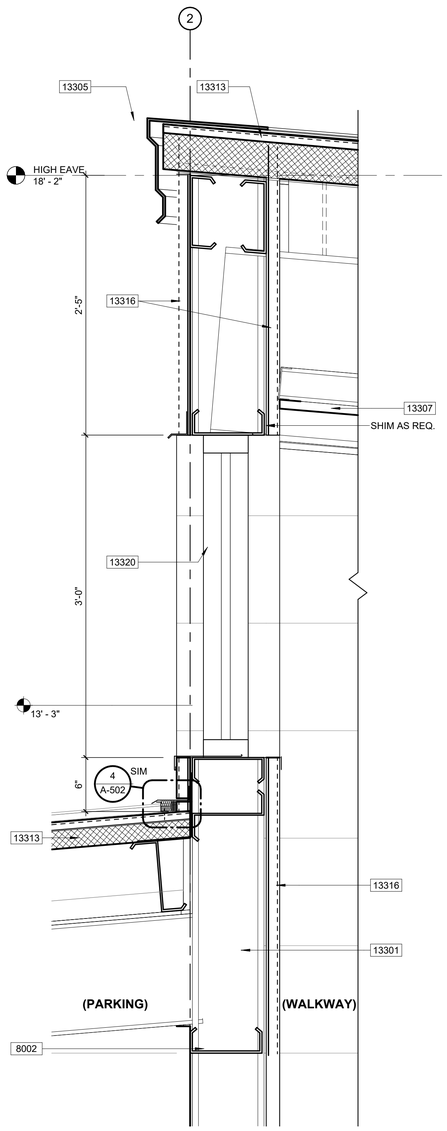
5 ROOF PURLIN DETAIL
1 1/2" = 1'-0"



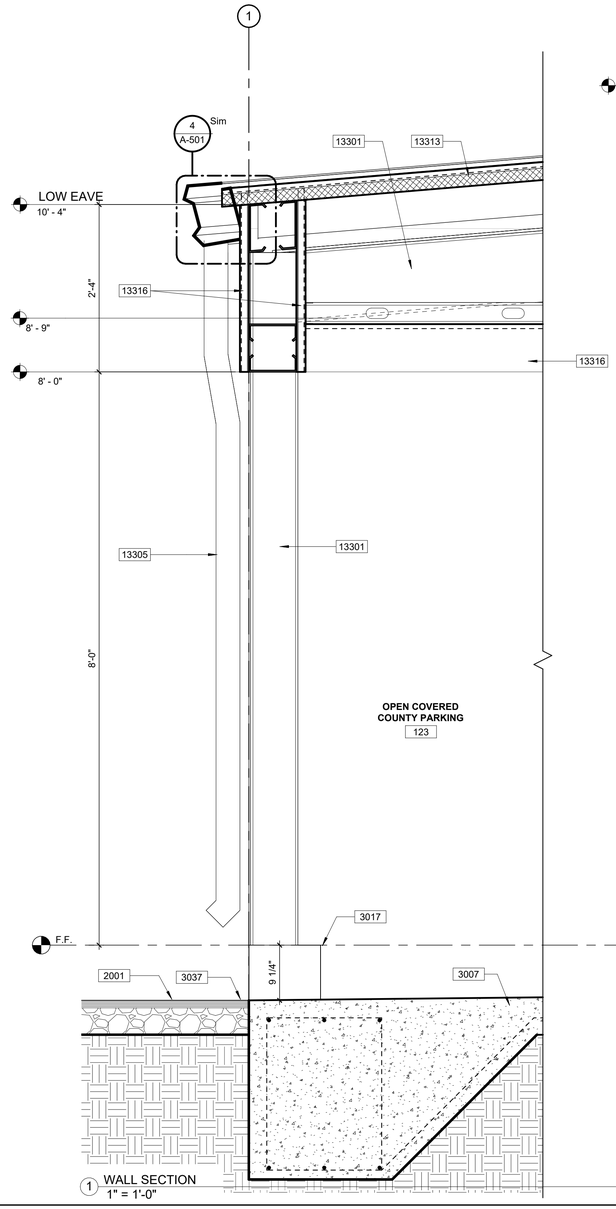
4 EAVE DETAIL WITH GUTTER
1 1/2" = 1'-0"



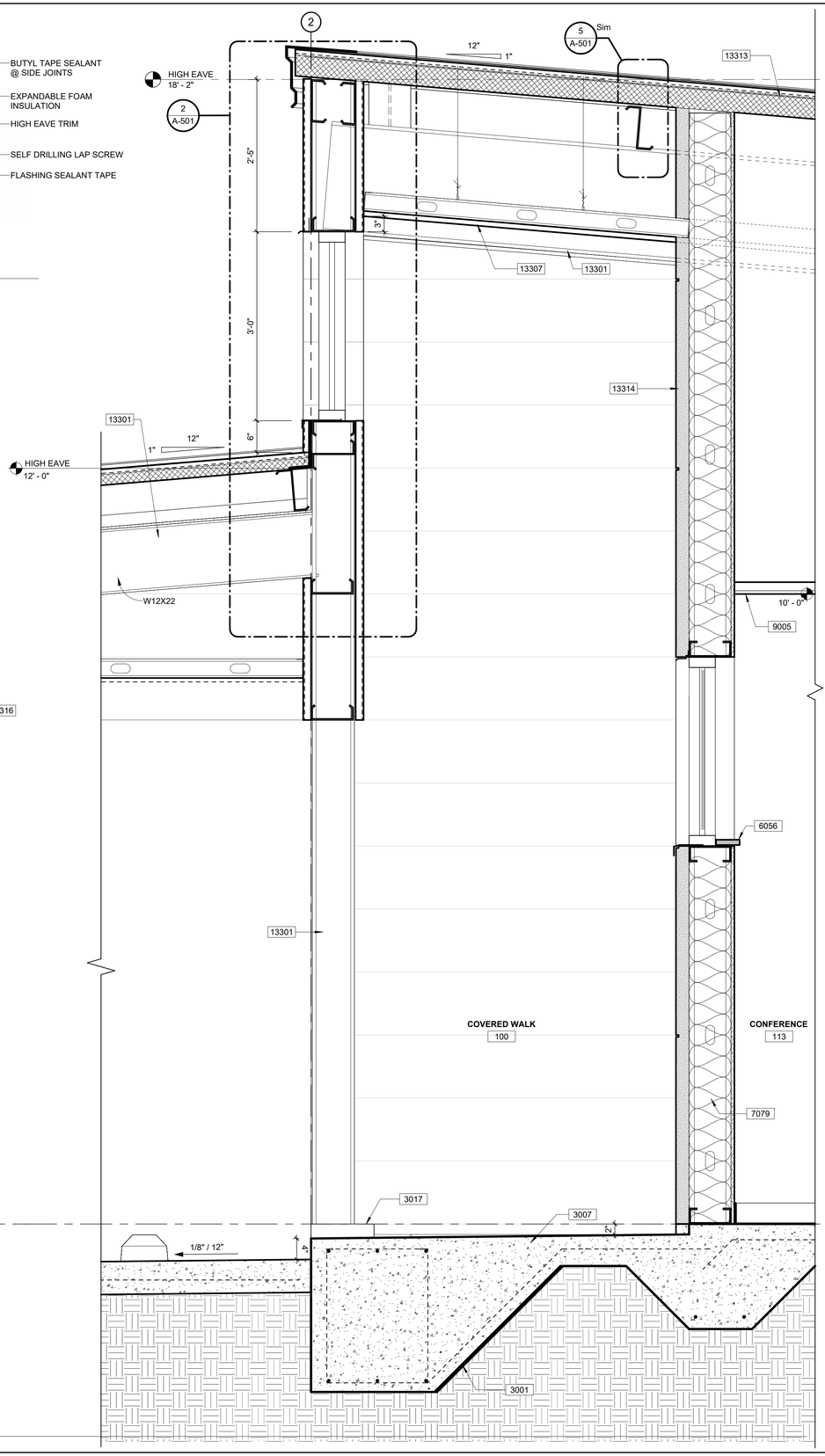
3 HIGH EAVE DETAIL
1 1/2" = 1'-0"



2 CLERSTORY WALL DETAIL
1 1/2" = 1'-0"



1 WALL SECTION
1" = 1'-0"



GENERAL NOTES

KEYNOTES

2001	ASPHALT PAVING. SEE CIVIL DRAWINGS.
3001	CONCRETE FOOTING, SEE STRUCTURAL DRAWINGS - TYPICAL.
3007	6 IN. CONCRETE WALK SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AT MAXIMUM 30 FT. O.C. AND AS SHOWN; AND TOOLED JOINTS (TJ) AT 6 FT. O.C. (MAXIMUM) OR AS SHOWN. FINISH AS SCHEDULED.
3017	MONOLITHIC CONCRETE SLAB / FOUNDATION AS REQUIRED BY SPECIALTY ENGINEER.
3037	SLOPED CONCRETE WALK/ TRANSITION DOWN TO ASPHALT PAVEMENT. CONSTRUCT WALK AS -3007-.
6056	WINDOW SILL, SOLID SURFACE AS SPECIFIED, TYP.
7079	BATT INSULATION INSTALLED TO FILL WALL STUD CAVITY - TYPICAL.
8002	ALUMINUM STOREFRONT WITH FIXED GLASS.
9005	SUSPENDED ACOUSTICAL CEILING - WITH ACOUSTICAL TILE AS SPECIFIED / SCHEDULED.
13301	METAL BUILDING FRAME BY PEMB MANUFACTURER
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
13307	METAL SOFFIT PANEL ON 3-5/8" METAL STUDS @ 5'-0" O.C. BRACE TO ROOF PURLIN W/ 2"X2"X1/4" ANGLE CENTER SPAN.
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13314	EXTERIOR INSULATED METAL WALL PANEL BY PEMB MANUFACTURER
13316	AVP EXTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
13320	EAVE STRUT BY PEMB MANUFACTURER

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

WALL SECTIONS

A-501

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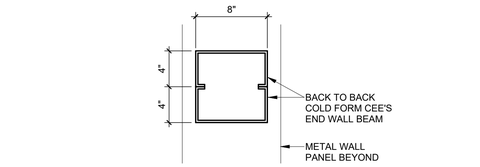
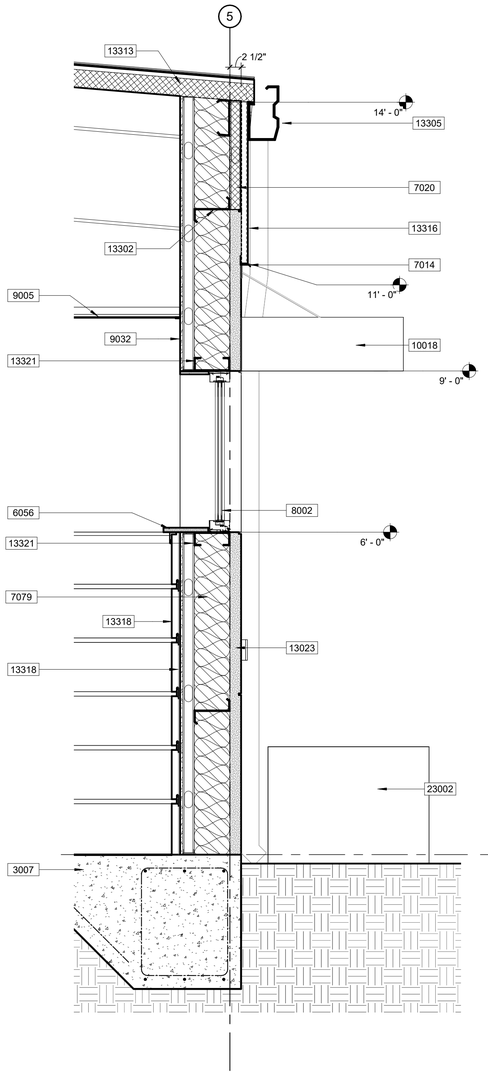
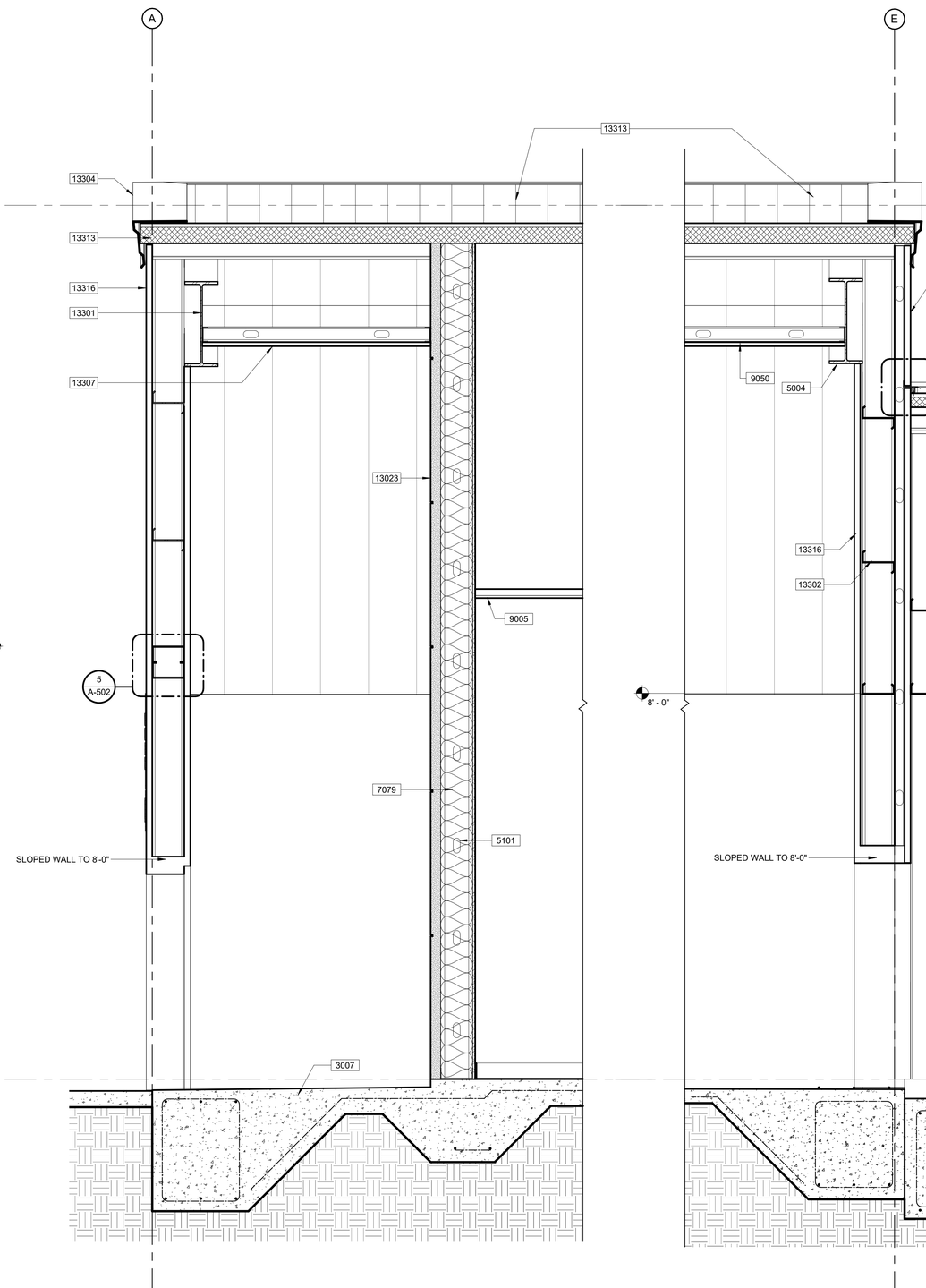


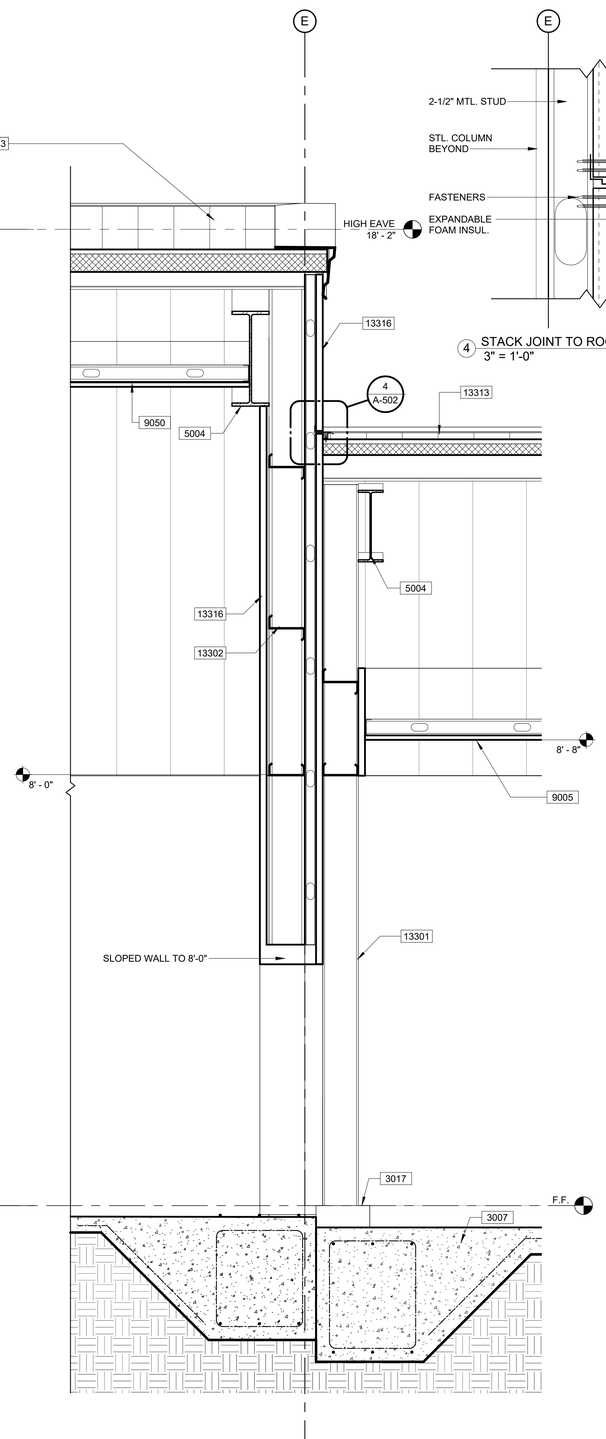
5 ENDWALL BEAM
1 1/2" = 1'-0"



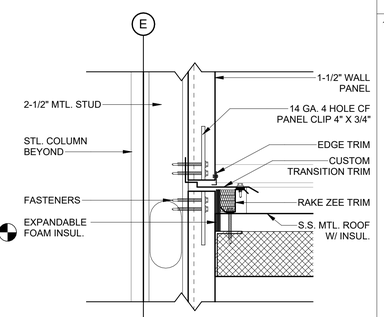
1 WALL SECTION
3/4" = 1'-0"



2 ENLARGED WALL DETAIL
3/4" = 1'-0"



3 ENLARGED WALL DETAIL
3/4" = 1'-0"



4 STACK JOINT TO ROOF RAKE TRANSITION
3" = 1'-0"

GENERAL NOTES

1. SEAL ALL PENETRATIONS TO ENSURE VAPOR BARRIER CONTINUITY AT ALL EXTERIOR INSULATED PANEL.

KEYNOTES

3007	6 IN. CONCRETE WALK SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AT MAXIMUM 30 FT. O.C. AND AS SHOWN; AND TOOLED JOINTS (TJ) AT 6 FT. O.C. (MAXIMUM) OR AS SHOWN. FINISH AS SCHEDULED.
3017	MONOLITHIC CONCRETE SLAB / FOUNDATION AS REQUIRED BY SPECIALTY ENGINEER.
5004	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL DRAWINGS.
5101	6" STEEL STUD FRAMING @ 16" O.C.
6056	WINDOW SILL, SOLID SURFACE AS SPECIFIED, TYP.
7014	PREFINISHED METAL DRIP EDGE TYPICAL OVER CONT. CLEAT.
7020	1 1/2 IN. RIGID INSULATION BOARD; TYPICAL UNLESS NOTED OTHERWISE.
7079	BATT INSULATION INSTALLED TO FILL WALL STUD CAVITY - TYPICAL.
8002	ALUMINUM STOREFRONT WITH FIXED GLASS.
9005	SUSPENDED ACOUSTICAL CEILING - WITH ACOUSTICAL TILE AS SPECIFIED / SCHEDULED.
9032	5/8 IN. GYPSUM SHEATHING - TYPICAL.
9050	5/8 IN GYPSUM SHEATHING OVER SUSPENDED GALV METAL FRAMING SYSTEM HUNG FROM ROOF STRUCTURE.
10018	PREFINISHED ALUMINUM CANOPY FASCIA - 8 IN. HIGH - TYPICAL. COLOR AS SELECTED.
13023	METL-SPAN, TUFF COTE, LIGHT STONE INSULATED METAL PANEL
13301	METAL BUILDING FRAME BY PEMB MANUFACTURER
13302	"Z" PURLINS BY PEMB MANUFACTURER
13304	METAL RAKE TRIM BY PEMB MANUFACTURER
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
13307	METAL SOFFIT PANEL ON 3-5/8" METAL STUDS @ 5'-0" O.C. BRACE TO ROOF PURLIN W/ 2"X2"X1/4" ANGLE CENTER SPAN.
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13316	AVP EXTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
13318	INTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
13321	SILL AND HEAD CHANNEL BY PEMB MANUFAFTURER
23002	HVAC CONDENSING UNIT SET ON CONCRETE SLAB.

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

WALL SECTION

A-502

Architect Docs (2026) - Renovations to Road & Drainage Inspection and Test Bldg\2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V2025.rvt
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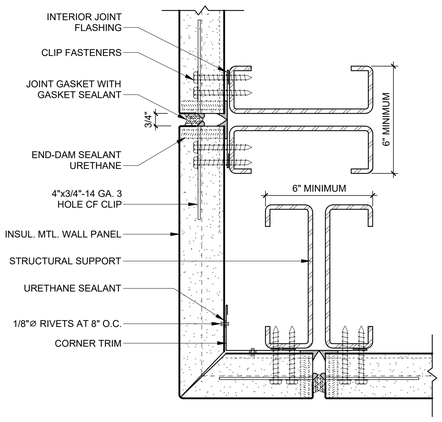
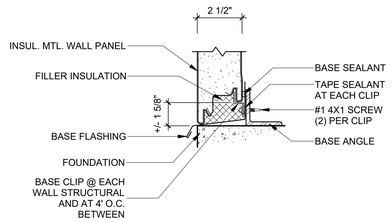
GENERAL NOTES

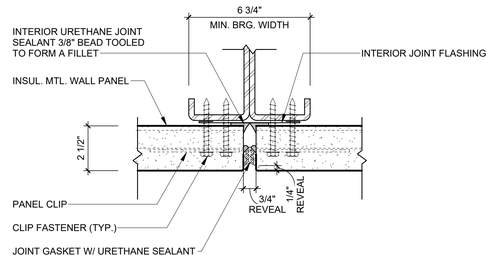
KEYNOTES



6 INS. MTL. WALL PANEL - OUTSIDE CORNER DETAIL
3" = 1'-0"



5 INS. MTL WALL PANEL - BASE SECTION
3" = 1'-0"



4 INS. MTL WALL PANEL - VERTICAL JOINT SECTION
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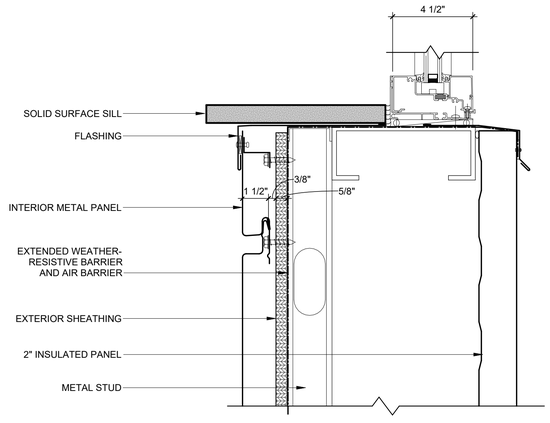
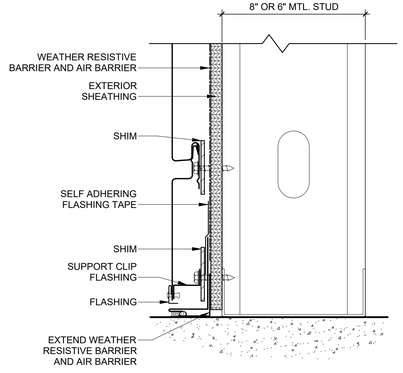
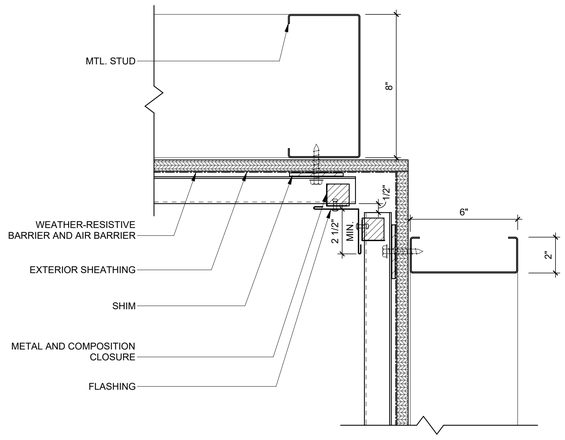


3 IW SERIES - WINDOW SILL
3" = 1'-0"



2 IW SERIES - IW10A BASE
3" = 1'-0"



1 IW SERIES - IW10A INSIDE CORNER
3" = 1'-0"

STRAUGHN TROUT ARCHITECTS

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

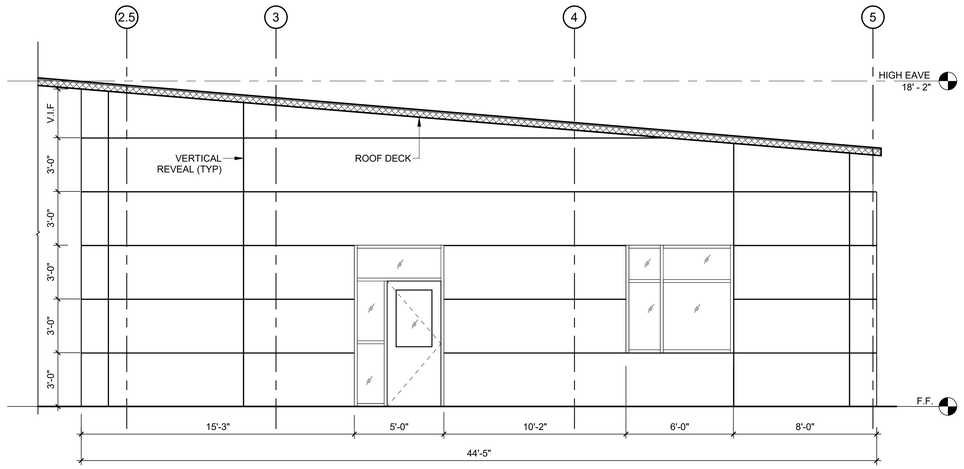
STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

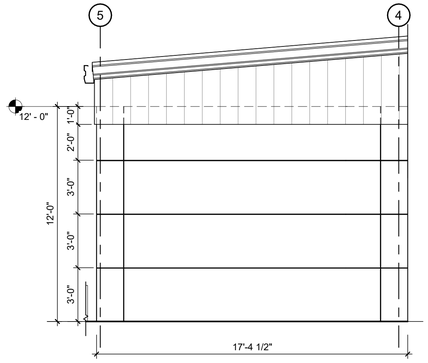
WALL DETAILS

A-503

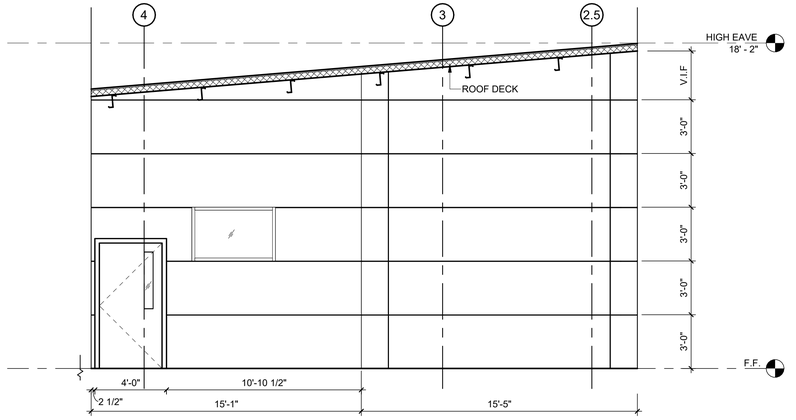
4/25/2025 3:31:17 PM
Autodesk Docs://2306_Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BUILDING_DOWNTOWN_ARCH_2022.rvt



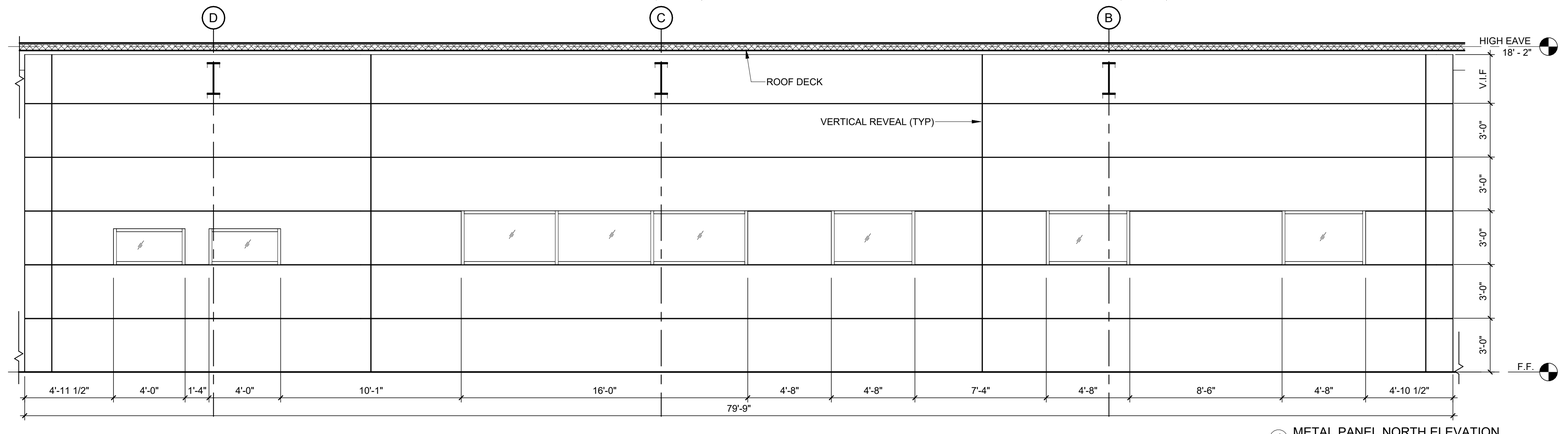
1 METAL PANEL WEST ELEVATION
1/4" = 1'-0"



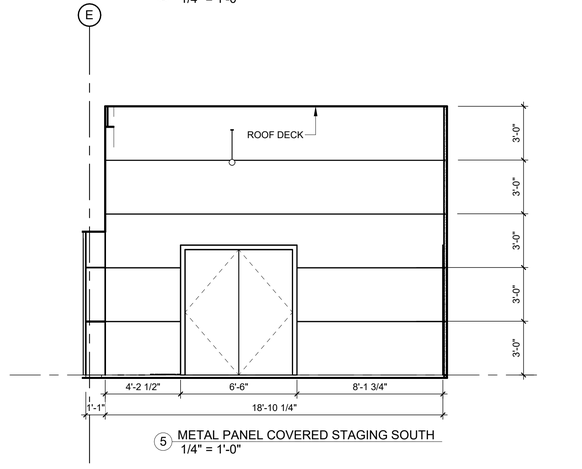
2 METAL PANEL EAST ELEVATION
1/4" = 1'-0"



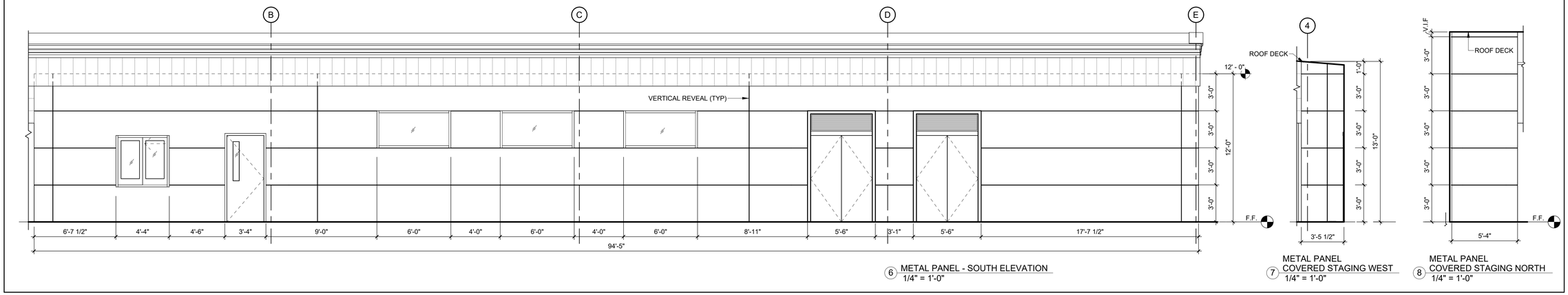
3 METAL PANEL - COVERED STAGING EAST
1/4" = 1'-0"



4 METAL PANEL NORTH ELEVATION
1/4" = 1'-0"



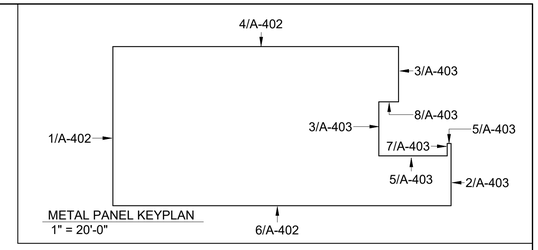
5 METAL PANEL COVERED STAGING SOUTH
1/4" = 1'-0"



6 METAL PANEL - SOUTH ELEVATION
1/4" = 1'-0"

7 METAL PANEL COVERED STAGING WEST
1/4" = 1'-0"

8 METAL PANEL COVERED STAGING NORTH
1/4" = 1'-0"



METAL PANEL KEYPLAN
1" = 20'-0"

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
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EXTERIOR INSULATED METAL PANEL ELEVATIONS

A-504

Autodesk Docs://2306_Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BUILDING RENOVATIONS_ARCH_R23.rvt
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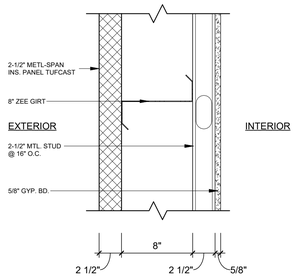
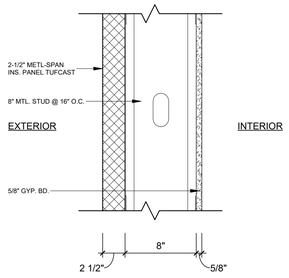
GENERAL NOTES



WT-1
1 1/2" = 1'-0"



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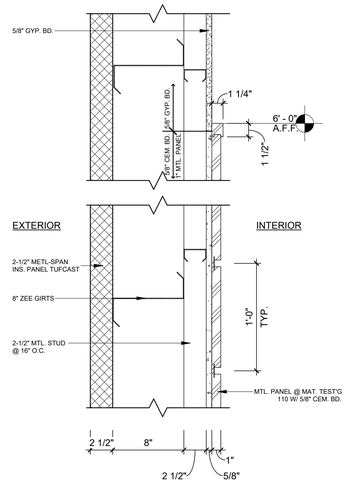
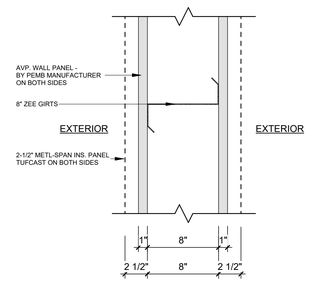
1 1/2" = 1'-0"

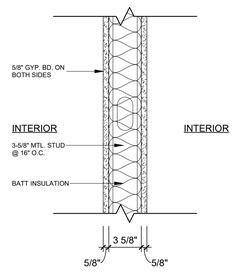


WT-3
1 1/2" = 1'-0"

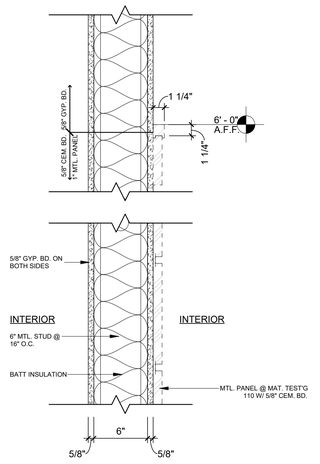


WT-4 (AVP)
1 1/2" = 1'-0"

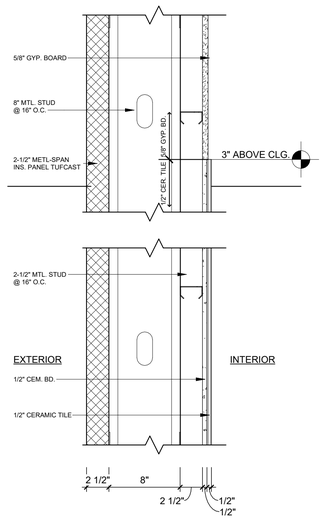
WT-4A (TUFCAST)
1 1/2" = 1'-0"



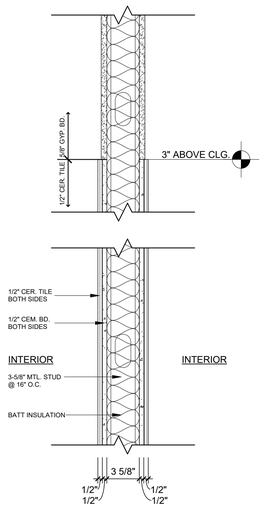
WT-5
1 1/2" = 1'-0"



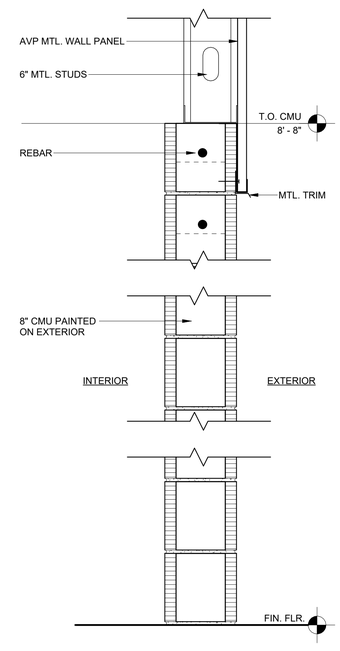
WT-6
1 1/2" = 1'-0"



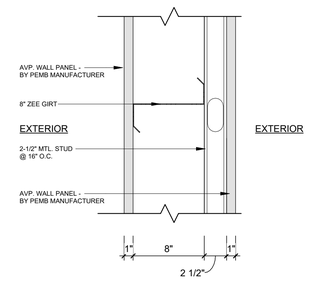
WT-7
1 1/2" = 1'-0"



WT-8
1 1/2" = 1'-0"



WT-9
1 1/2" = 1'-0"



WT-10
1 1/2" = 1'-0"

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FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

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WALL TYPES

A-510

Architect Docs-17000 - Renovations to Road & Drainage Inspection and Test Bldg\2306_INSPECTION & TESTING BLDG\REVIT\A17206_ARCH_V2025.rvt
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ABBREVIATIONS

FLOOR FINISH MATERIALS

C - CARPET
LVT - LUXURY VINYL TILE
SC - SEALED CONCRETE
CT - CERAMIC TILE
O - NO FINISH REQUIRED
EPX - EPOXY FLOORING (EQ. TO STONHARD)

BASE FINISH MATERIALS

O - NO BASE; CAULK SLAB TO WALL JOINT
RC - RUBBER COVE 4" HIGH

WALL FINISH MATERIALS

PDW - PAINTED GYPSUM DRYWALL
PCN - PAINTED CONCRETE (OR CONCRETE BLOCK)
EC - EXPOSED CONCRETE

CEILING FINISH MATERIALS
ES - EXPOSED STRUCTURE
MSP - METAL SOFFIT PANEL
PDW - PAINTED GYPSUM DRYWALL
SAC - SUSPENDED ACOUSTICAL CEILING/ SYSTEM
(SAC-1, SAC-2, EQ. TO ROCFON, 24"X24"X5/8" SQ. TEGULAR.)

NOTE:
SEE SHEETS **A-602** & **A-603** FOR HEAD, JAMB, AND SILL DETAILS.

STA KEY DOOR - CONSTRUCTION	
AL	ALUMINUM DOOR
HM	HOLLOW-METAL DOOR
WD	WOOD

STA KEY DOOR - GLASS TYPE	
--	NO GLASS REQUIRED
GL-1	LAMINATED GLASS

STA KEY DOOR - FRAME CONSTRUCTION	
AL	ALUMINUM
HM	HOLLOW-METAL

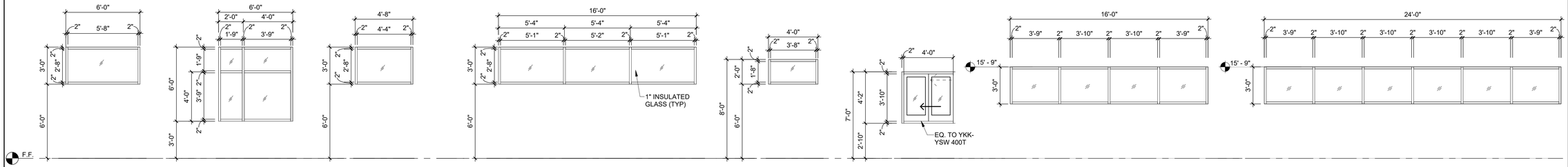
STA KEY DOOR - COMMENTS	
CR	CARD READER

DOOR SCHEDULE

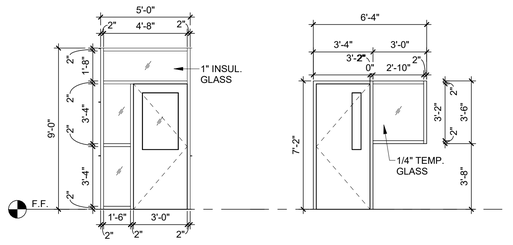
NO.	DOOR TYPE	THICKNESS	INT/EXT	WIDTH	HEIGHT	DOOR MATERIAL	DOOR GLASS TYPE	FRAME			FIRE RATING	HARDWARE GROUP	COMMENTS
								TYPE	CONST.	FINISH			
100		1 3/4"	Exterior	3' - 0"	7' - 0"	AL	GL-1	SF-100	AL	(none)	--	1	CR
101	B	1 3/4"	Exterior	3' - 6"	7' - 0"	HM	GL-1	F-1	HM	(none)	--	4	CR
102	D	1 3/4"	Exterior	6' - 0"	7' - 0"	HM	--	F-2	HM	(none)	--	2	CR
103	B	1 3/4"	Interior	3' - 6"	7' - 0"	HM	GL-1	F-1	HM	(none)	--	10	
104	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	F-1	HM	(none)	--	11	
105	D	1 3/4"	Exterior	5' - 0"	7' - 0"	HM	--	F-3	HM	(none)	--	3	
105A	D	1 3/4"	Exterior	5' - 0"	7' - 0"	HM	--	F-3	HM	(none)	--	3	
106	C	1 3/4"	Interior	2' - 6"	7' - 0"	WD	--	F-1	HM	(none)	--	11	
107	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	F-1	HM	(none)	--	12	
108	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	F-1	HM	(none)	--	12	
109	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	F-1	HM	(none)	--	13	
110	A	1 3/4"	Interior	3' - 0"	7' - 0"	AL	GL-1	SF-100	AL	(none)	--	8	
111	A	1 3/4"	Interior	3' - 0"	7' - 0"	AL	GL-1	SF-100	AL	(none)	--	9	
112	C	1 3/4"	Interior	2' - 6"	7' - 0"	WD	--	F-1	HM	(none)	--	11	
113	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	SF-113	AL	(none)	--	14	
114	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	SF-113	AL	(none)	--	14	
115	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	SF-113	AL	(none)	--	14	
116	D	1 3/4"	Interior	5' - 0"	7' - 0"	WD	--	F-2	HM	(none)	--	7	
117	D	1 3/4"	Interior	5' - 0"	7' - 0"	WD	--	F-2	HM	(none)	--	7	
118	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	F-1	HM	(none)	--	11	
119	C	1 3/4"	Interior	3' - 0"	7' - 0"	WD	--	F-1	HM	(none)	--	11	
120	B	1 3/4"	Exterior	3' - 0"	7' - 0"	HM	GL-1	F-1	HM	(none)	--	5	CR
121	C	1 3/4"	Exterior	3' - 0"	7' - 0"	HM	--	F-1	HM	(none)	--	6	NUCLEAR STORAGE - CR

ROOM SCHEDULE

ROOM #	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS
100	COVERED WALK	CON	--	--	MSP	
101	COVERED STAGING	CON	--	--	MSP	
102	STORAGE	SC	--	PAINT	ES	
103	CIRCULATION	EPX	RC	PAINT	SAC	
104	STORAGE	EPX	RC	PAINT	SAC	
105	A/C	SC	--	PAINT	ES	
106	JAN.	EPX	RC	PAINT	PDW	
107	TOILET	CT	CT	PAINT	SAC	
108	TOILET	CT	CT	PAINT	SAC,PDW	
109	HALL	LVT	RC	PAINT	SAC	
110	MATERIAL TESTING	EPX		PAINT	SAC	
111	STAFF COMBINE	LVT	RC	PAINT	SAC	
112	CLO.	LVT	RC	PAINT	PDW	
113	CONFERENCE	C	RC	PAINT	SAC	
114	OFFICE	C	RC	PAINT	SAC	
115	OFFICE	C	RC	PAINT	SAC	
116	DATA	LVT	RC	PAINT	PDW	
117	ELECT.	LVT	RC	PAINT	PDW	
118	CLO.	LVT	RC	PAINT	PDW	
119	CLO.	LVT	RC	PAINT	PDW	
120	BREAK ROOM	LVT	RC	PAINT	SAC	
121	NUCLEAR STORAGE	SC		PAINT	MSP	
122	COVERED PATIO	CON	--	--	MSP	



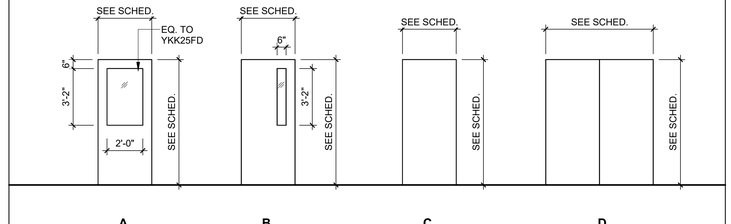
SF-1 1/4" = 1'-0" | SF-2 1/4" = 1'-0" | SF-3 1/4" = 1'-0" | SF-4 1/4" = 1'-0" | SF-5 1/4" = 1'-0" | SF-6 1/4" = 1'-0" | SF-7 1/4" = 1'-0" | SF-8 1/4" = 1'-0"



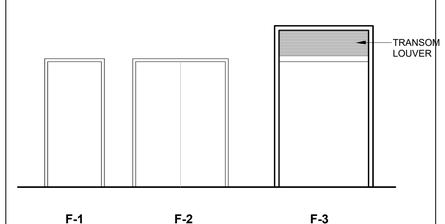
SF-100 (DOOR NO. 100, 110, & 111) 1/4" = 1'-0"

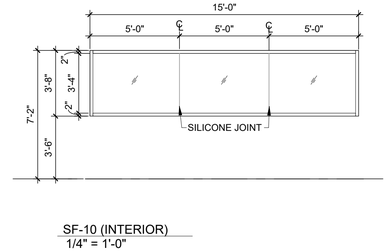
SF-113 (DOOR NO. 113, 114, & 115) 1/4" = 1'-0"

DOOR PANEL ELEVATIONS



DOOR FRAME ELEVATIONS





SF-10 (INTERIOR) 1/4" = 1'-0"

STRAUGHN TROUT ARCHITECTS
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StraughnTrout.com

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

DOOR AND ROOM SCHEDULE

A-601

Architect Docs-17000 - Renovations to Road & Drainage Inspection and Test Bldg-2306_INSPECTION & TESTING BLDG-RENOVATIONS_ARCH_V22.rvt
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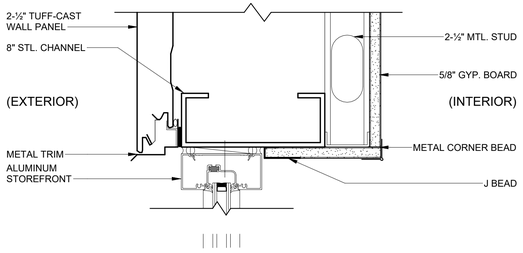
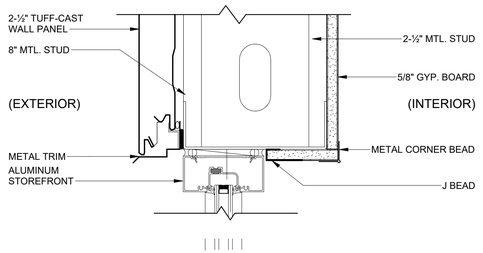
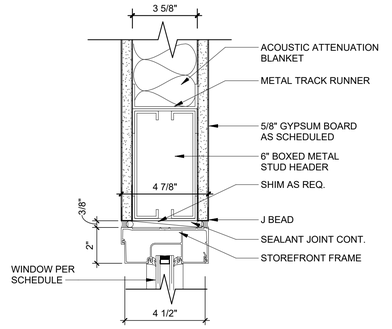


EXTERIOR SF WINDOW HEAD 1
3" = 1'-0"



EXTERIOR SF WINDOW HEAD 2
3" = 1'-0"



INTERIOR SF WINDOW HEAD 1
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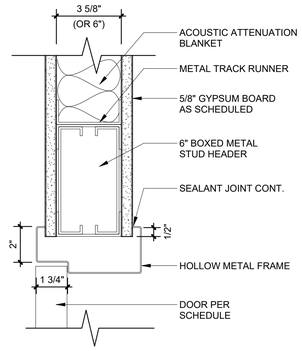

INTERIOR HM DOOR HEAD - SINGLE RABBET
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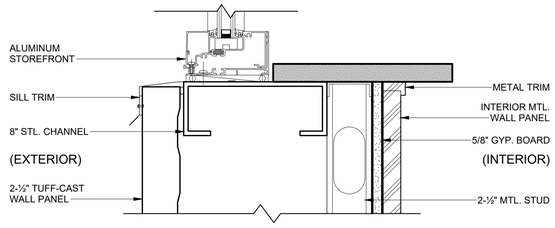

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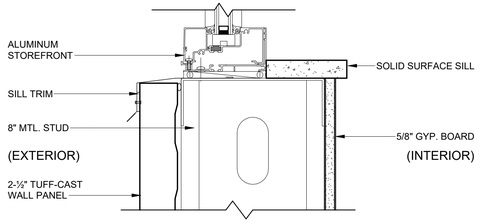

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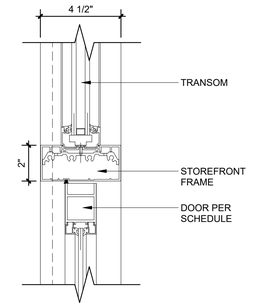
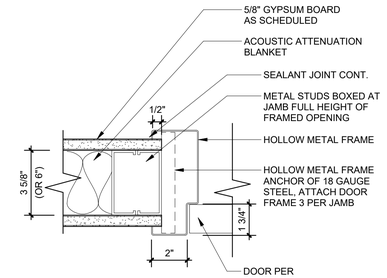


INTERIOR SF DOOR HEAD 1
3" = 1'-0"



INTERIOR HM DOOR JAMB - SINGLE RABBET
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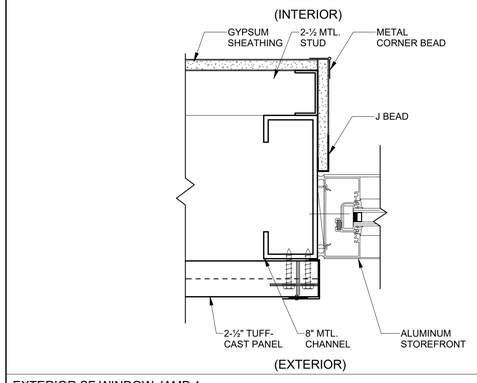

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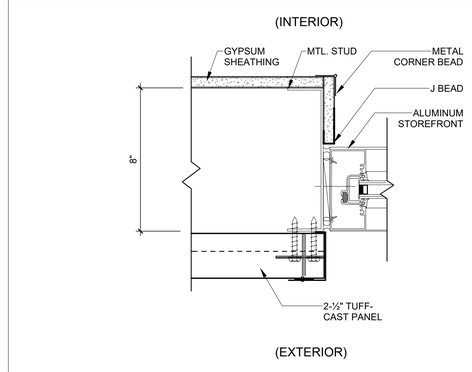

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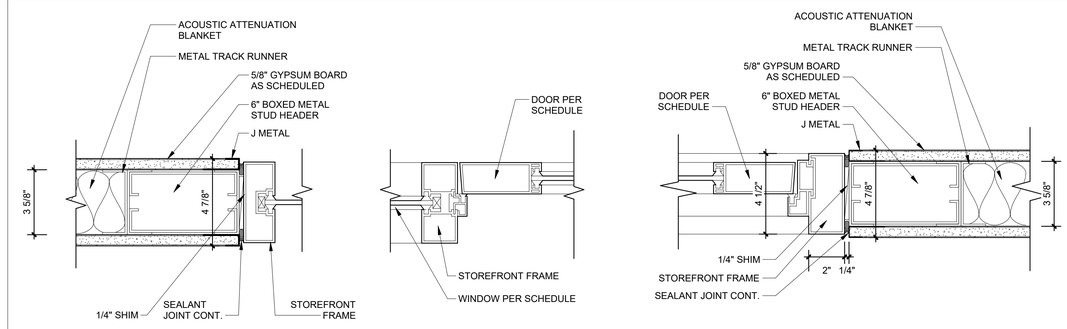

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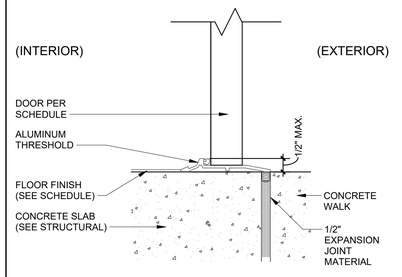

INTERIOR FLOOR TO EXTERIOR CONCRETE
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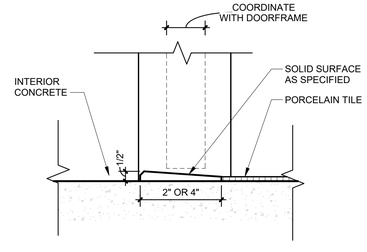

INTERIOR CONCRETE TO PORCELAIN TILE
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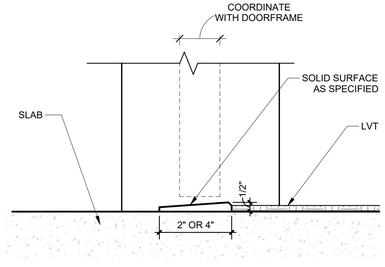
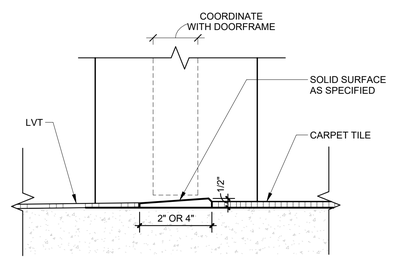
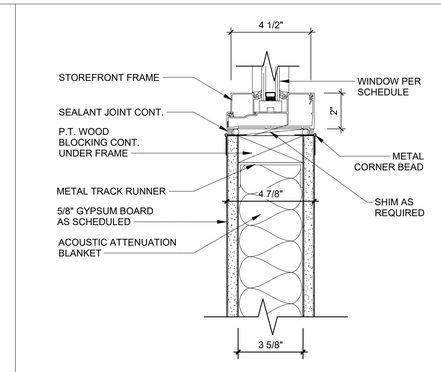


INTERIOR LVT TO CONCRETE
3" = 1'-0"



INTERIOR LVT TO CARPET TILE
3" = 1'-0"



INTERIOR SF WINDOW SILL 1
3" = 1'-0"

STRAUGHN TROUT ARCHITECTS
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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

HEAD, JAMB, AND SILL DETAILS

A-602

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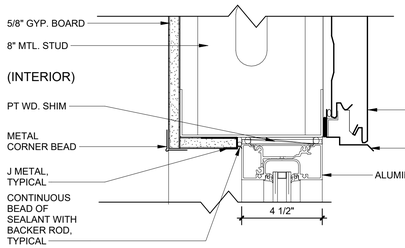

EXTERIOR SF TRANSOM HEAD
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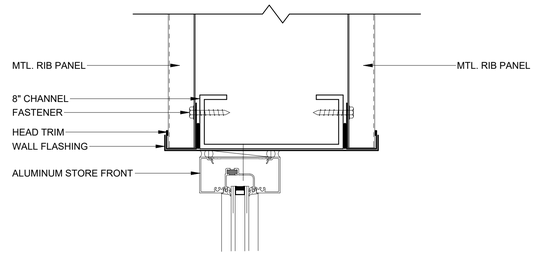
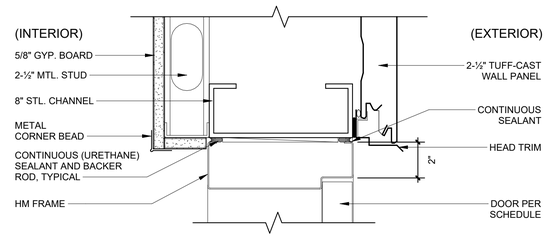
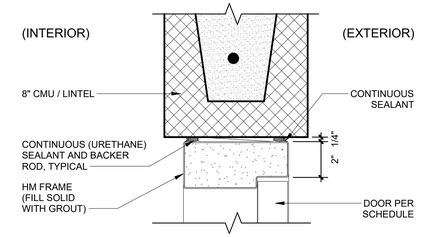


EXTERIOR SF CLERSTORY HEAD
3" = 1'-0"



EXTERIOR HM DOOR HEAD MTL. STUD
3" = 1'-0"



EXTERIOR HM DOOR HEAD CMU
3" = 1'-0"

EXTERIOR SF WINDOW SILL
3" = 1'-0"

EXTERIOR SF CLERSTORY SILL
3" = 1'-0"

EXTERIOR HM DOOR JAMB MTL. STUD
3" = 1'-0"

EXTERIOR HM DOOR JAMB CMU
3" = 1'-0"

EXTERIOR SF WINDOW JAMB
3" = 1'-0"

EXTERIOR SF CLERSTORY JAMB
3" = 1'-0"

LOUVER HEAD AND SILL
3" = 1'-0"

LOUVER JAMB
3" = 1'-0"

Architect Docs\2022\ Renovations to Road & Drainage Inspection and Test Bldg\2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V24.rvt
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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

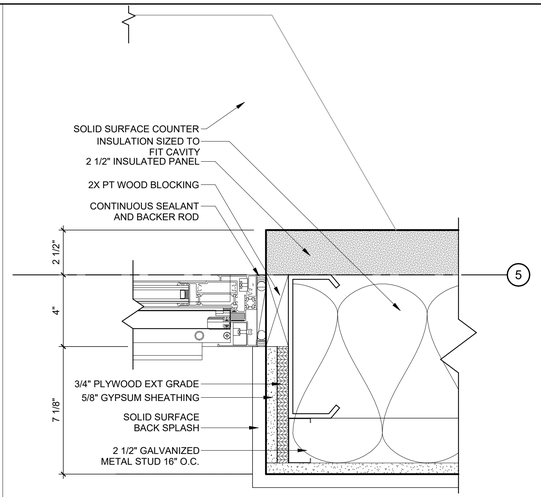
INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

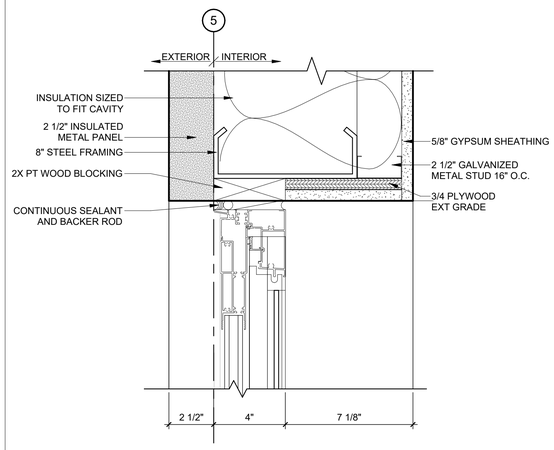
#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

HEAD, JAMB, AND SILL DETAILS

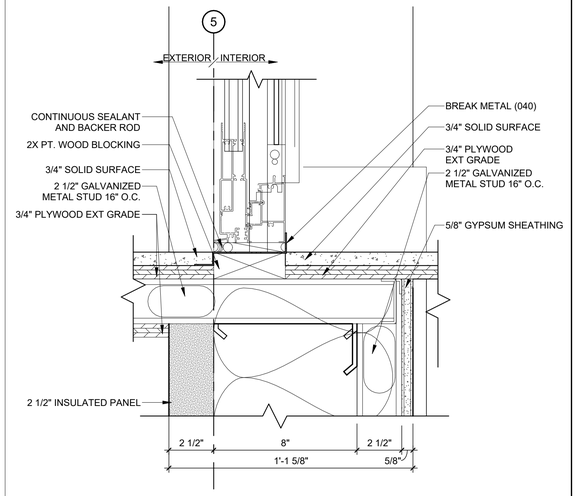
A-603



2 BREAKROOM OPERABLE WINDOW JAMB
3" = 1'-0"



3 BREAKROOM OPERABLE WINDOW HEAD
3" = 1'-0"



1 BREAKROOM OPERABLE WINDOW SILL
3" = 1'-0"

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2005 E. Edgewood Drive
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33803-3601
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FLORIDA LICENSE AAR96576

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

HEAD, JAMB, AND SILL DETAILS

A-604

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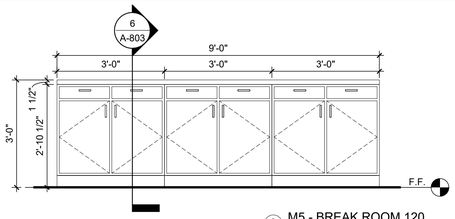
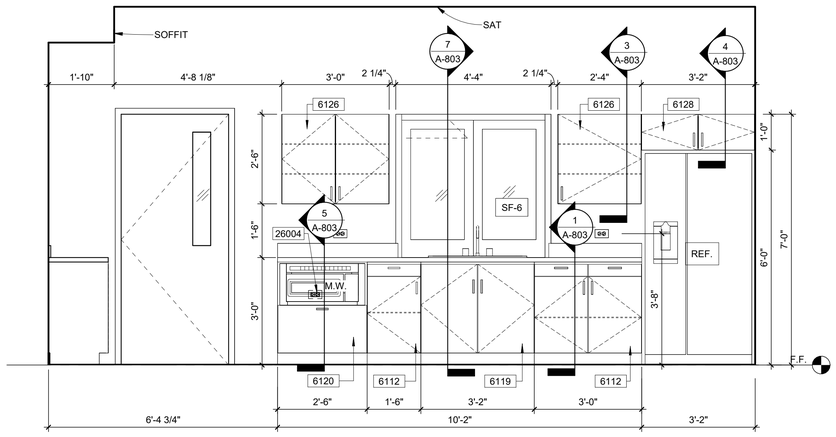
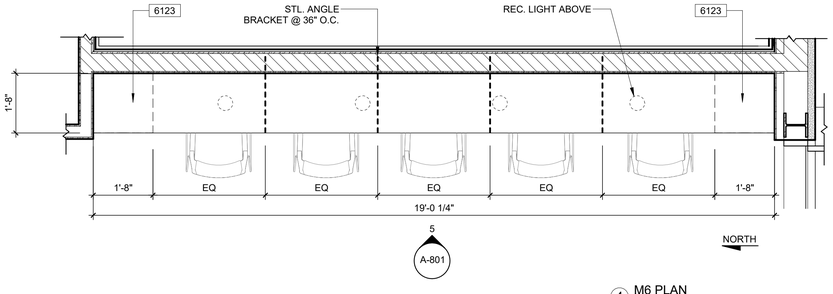


3 M5 - BREAK ROOM 120
1/2" = 1'-0"

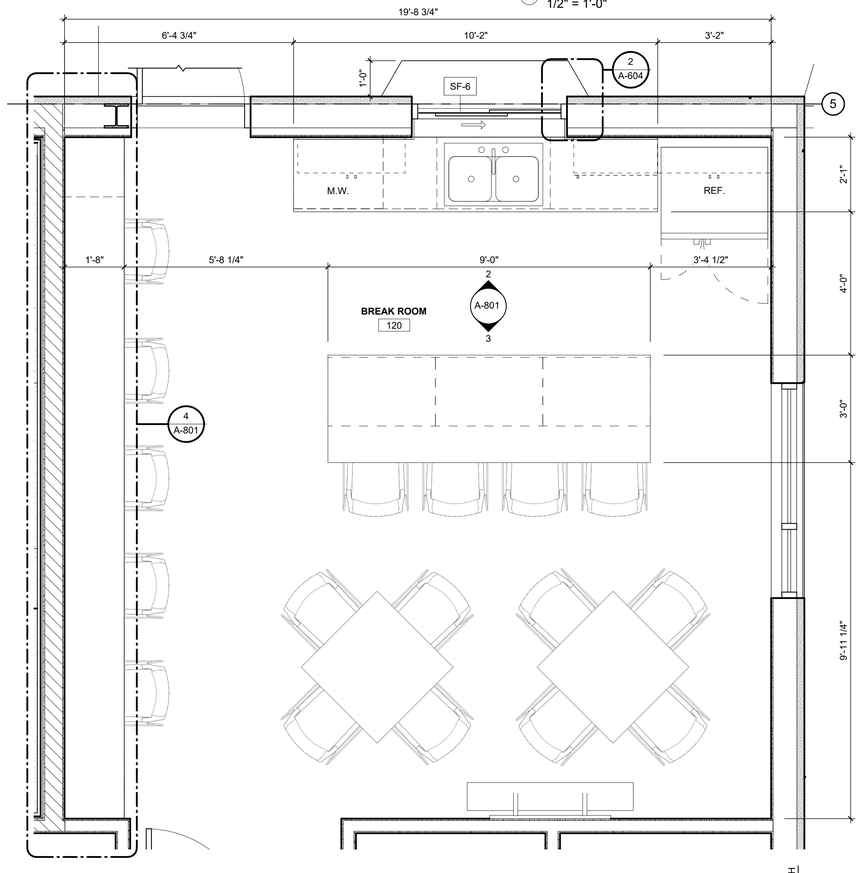


2 M4 - BREAKROOM 120
1/2" = 1'-0"

5 M6 - BREAKROOM 120
1/2" = 1'-0"



4 M6 PLAN
1/2" = 1'-0"



1 ENLARGED BREAKROOM PLAN
1/2" = 1'-0"

GENERAL NOTES

KEYNOTES

6112	BASE CABINET WITH HINGED DOOR/S WITH 1 ADJUSTABLE SHELF AND DRAWER/S.
6119	BASE CABINET WITH HINGED DOORS AND UPPER FIXED PANEL - TYPICAL AS INDICATED AT SINK LOCATIONS.
6120	BASE CABINET WITH LOWER DRAWER AND OPEN CUBBY FOR MICROWAVE.
6123	BASE CABINET WITH PULL-OUT WASTE BINS.
6126	WALL HUNG OVERHEAD CABINET WITH SIDE HINGED DOOR/S AND (2) ADJUSTABLE SHELVES.
6128	WALL HUNG OVER REFRIDGERATOR CABINET WITH NO SHELVES.
26004	ELECTRICAL RECEPTACLE.

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PROJECT MGR.: GWT

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MILLWORK ELEVATION

A-801

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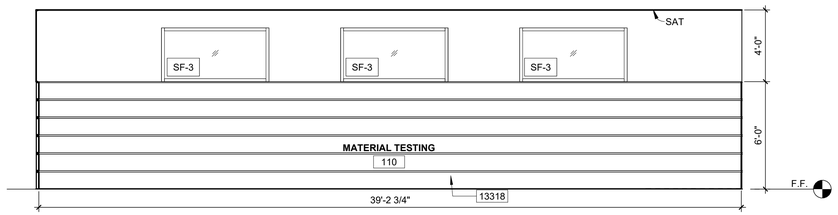
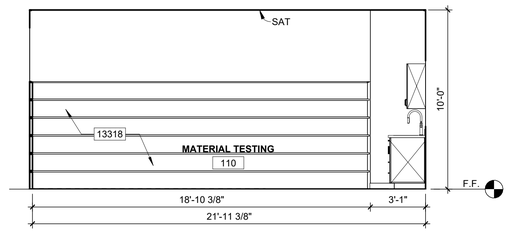
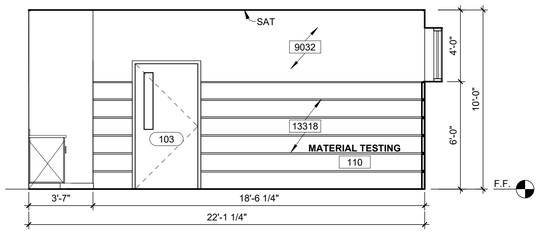


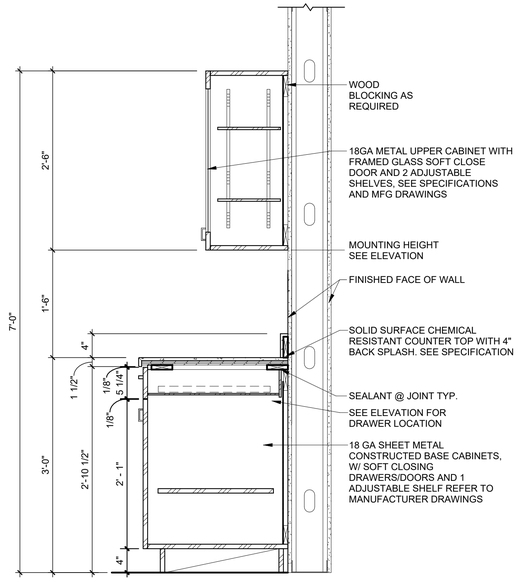
5 NORTH ELEVATION
1/4" = 1'-0"



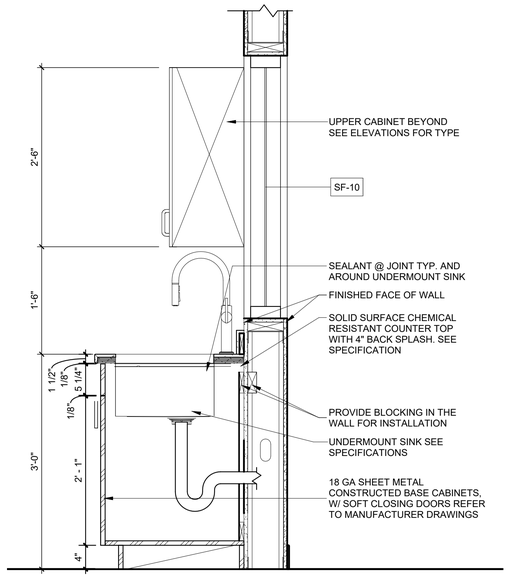
6 WEST ELEVATION
1/4" = 1'-0"



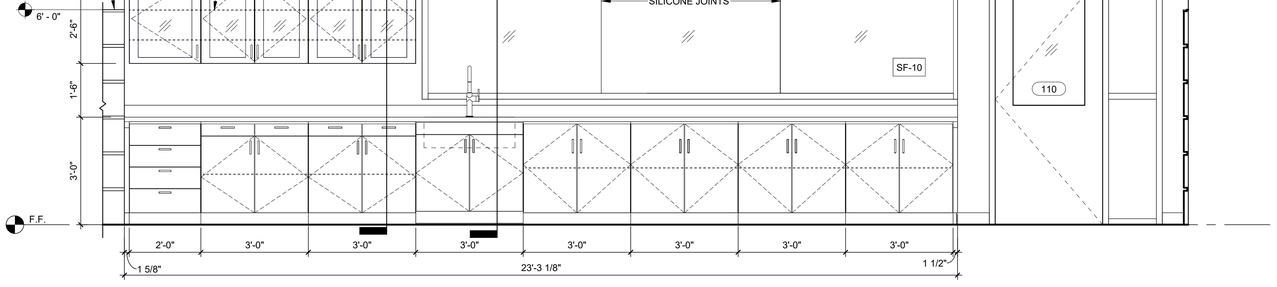
7 EAST ELEVATION
1/4" = 1'-0"



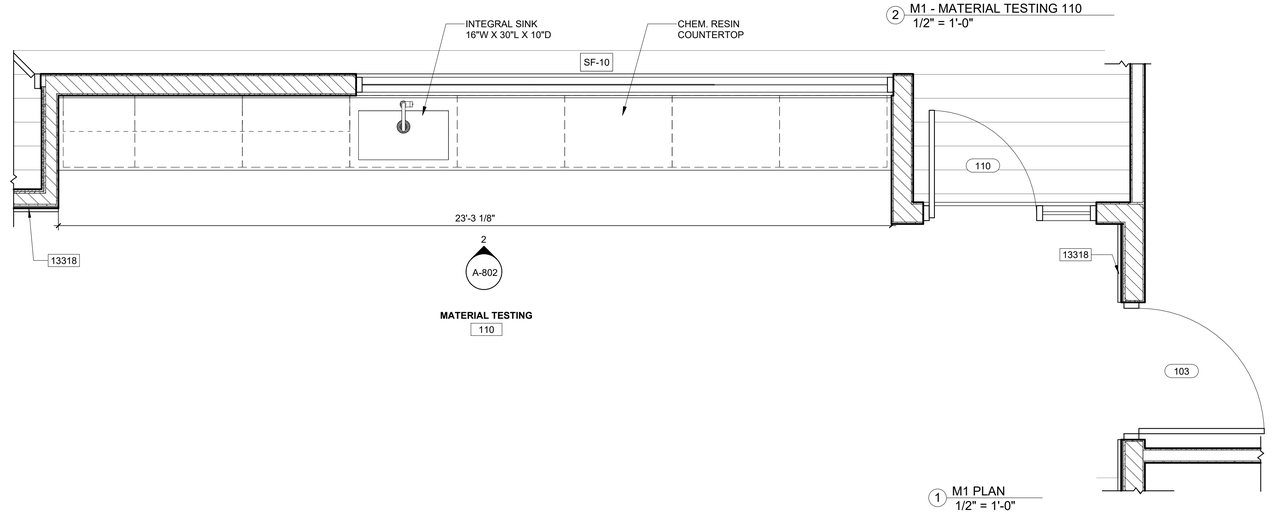
4 CABINET SECTION
1" = 1'-0"



3 SINK SECTION
1" = 1'-0"



2 M1 - MATERIAL TESTING 110
1/2" = 1'-0"



1 M1 PLAN
1/2" = 1'-0"

GENERAL NOTES

KEYNOTES

9032 5/8 IN. GYPSUM SHEATHING - TYPICAL.

13318 INTERIOR METAL WALL PANEL BY PEMB MANUFACTURER

STRAUGHN TROUT ARCHITECTS
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Lakeland, Florida USA
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WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

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MILLWORK ELEVATION

A-802

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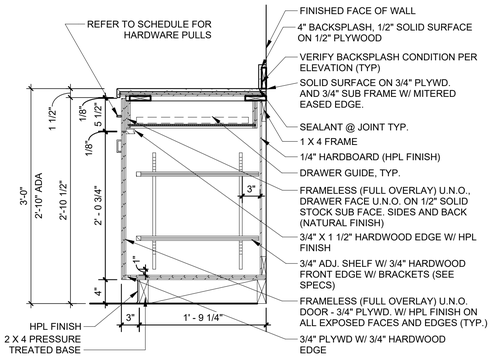
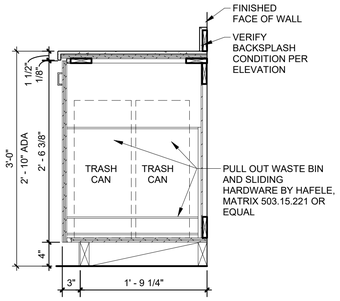
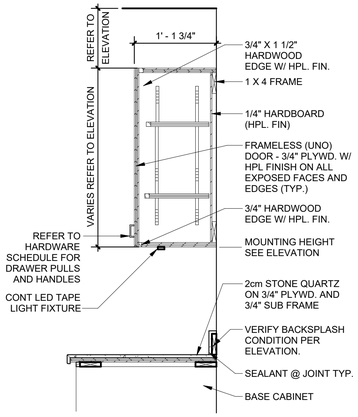


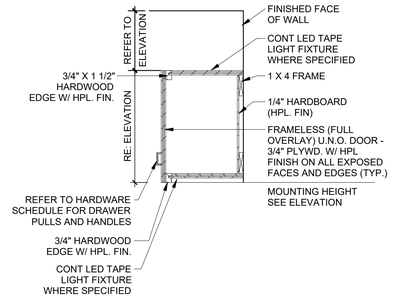
1 TYPICAL BASE CABINET
1" = 1'-0"



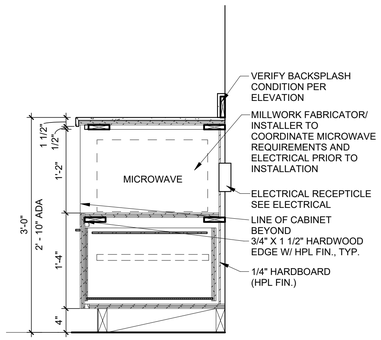
2 BASE CABINET - WASTE BIN
1" = 1'-0"



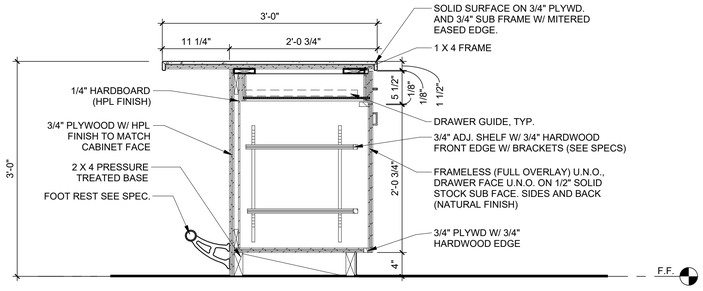
3 UPPER CABINET TYPICAL
1" = 1'-0"



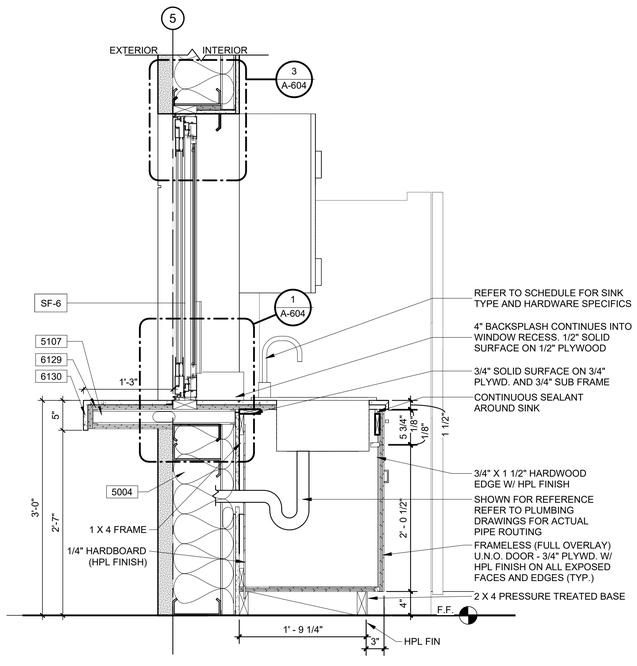
4 UPPER CABINET - SHORT
1" = 1'-0"



5 BASE CABINET - MICROWAVE
1" = 1'-0"



6 M5 SECTION
1" = 1'-0"



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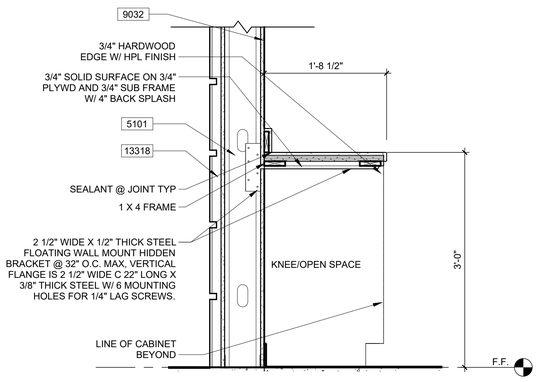

8 M6 SECTION
1" = 1'-0"

GENERAL NOTES

KEYNOTES

5004	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL DRAWINGS.
5101	6" STEEL STUD FRAMING @ 16" O.C.
5107	2 1/2" 18GA GALVANIZED METAL STUD.
6129	3/4" PT PLYWOOD.
6130	3/4" SOLID SURFACE COUNTER WITH UV COATING FOR EXTERIOR USE.
9032	5/8 IN. GYPSUM SHEATHING - TYPICAL.
13318	INTERIOR METAL WALL PANEL BY PEMB MANUFACTURER

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

MILLWORK SECTIONS AND DETAILS

A-803

Autodesk Docs://2306 - Renovation to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BLDG RENOVATIONS_JBROH_V25.rvt
4/25/2025 3:31:47 PM

1 - STAFF COMBINE SPACE

2 - STAFF COMBINE SPACE

3 - CONFERENCE SPACE

4 - CONFERENCE SPACE

SEE SHEETS A-101F FOR INTERIOR RENDERING LOCATIONS

STRAUGHN TROUT ARCHITECTS

2005 E. Edgewood Drive
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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	GWT

#	DATE	ISSUED AS
CD	03.14.25	100% CONSTRUCTION DOCUMENTS

INTERIOR RENDERINGS

A-901

4/25/2025 3:31:49 PM
Architect Date:2306 - Renovations to Road & Drainage Inspection and Test Bldg\2306_INSPECTION & TESTING BLDGRENOVATIONS_ARCH_V22.rvt

1 - OFFICE SPACE

2 - MATERIAL TESTING LAB

3 - BREAK ROOM

4 - BREAK ROOM

SEE SHEETS A-101F FOR INTERIOR RENDERING LOCATIONS

STRAUGHN TROUT ARCHITECTS

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

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INTERIOR RENDERINGS

A-902

Architect Date:4/25/25 - Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_V23.rvt
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MECHANICAL GENERAL NOTES:

1 IN GENERAL, PLANS AND DIAGRAMS ARE SCHEMATIC ONLY AND SHOULD NOT BE SCALED.

2 THE INTENT OF THE MECHANICAL NOTES ON THESE DRAWINGS IS TO CLARIFY THE SCOPE OF WORK AND ALERT THE CONTRACTOR OF EXISTING CONDITIONS. CONTRACTOR TO VISIT SITE AND VERIFY ALL CLEARANCES BEFORE FABRICATION OF DUCTWORK AND PROVIDE ADDITIONAL OFFSET AND/OR CHANGES IN DUCT SIZES TO MEET FIELD CONDITIONS AND COORDINATE WITH ELECTRICAL, PLUMBING AND FIRE PROTECTION SUBCONTRACTOR BEFORE ANY CONSTRUCTION WORK.

3 BIDDERS SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS INVOLVING THE WORK.

4 SHOULD ANY CONFLICTS ARISE, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE CONFLICT BEFORE ANY CHANGES ARE MADE. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL BEFORE PROCEEDING WITH ANY CHANGES.

5 DEVIATIONS FROM THE CONTRACT DOCUMENTS MAY REQUIRED AS-BUILT DRAWINGS. IF REQUIRED, DURING FIELD INSPECTIONS AS-BUILT DRAWINGS PRODUCED BY OUR OFFICE WILL BE BILLED HOURLY.

6 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL TRADES INSTALLATION SCHEDULES. FIXED WORK SUCH AS DUCTWORK AND PLUMBING SHALL BE INSTALLED PRIOR TO ANY TRADE WORK THAT CAN BE EASILY RELOCATED OR OFFSET SUCH AS ELECTRICAL CONDUITS AND SMALL WATER LINES ETC.

7 ALL AIR CONDITIONING WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL AND MECHANICAL CONSTRUCTION. SHOULD AIR CONDITIONING WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER CONTRACTORS. SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST.

8 ALL WORK COVERED IN THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST PUBLISHED STANDARDS OF ASHRAE, AND NFPA.

9 ALL MECHANICAL WORK SHALL MEET ALL THE REQUIREMENTS OF THE "FLORIDA BUILDING CODE 2023, 8TH EDITION.

10 IN THE EVENT THAT THERE IS A CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND THE CODE, THE CODE SHALL TAKE PRECEDENCE. THE MECHANICAL CONTRACTOR SHALL STUDY THE CONTRACT DOCUMENTS AND SUBMIT A BID BASED ON WORK WHICH COMPLIES WITH ALL CODE REQUIREMENTS. ANY CONFLICTS BETWEEN THE CONTRACTOR DOCUMENTS AND THE CODE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID. THE COST OF ANY WORK WHICH ARISES OUT OF ANY CHANGES DUE TO CODE REQUIREMENTS SHALL BE PAID BY THE MECHANICAL CONTRACTOR.

11 THE MECHANICAL CONTRACTOR SHALL CHECK ALL EQUIPMENT FOR CORRECT VOLTAGE RATING BEFORE INSTALLATION.

12 IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR FOR THE ADVANCE ORDERING OF LONG LEAD ITEMS SO AS NOT TO DELAY OTHER TRADES RESULTING IN ANY DOWN OR LAG TIME.

13 THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION WHETHER OR NOT SPECIFIED AS SHOWN ON THE PLANS.

14 ALL STRUCTURAL CUTTING AND PATCHING SHALL BE DONE BY THE GENERAL CONTRACTOR.

15 THE MECHANICAL CONTRACTOR SHALL THOROUGHLY CLEAN ALL AIR CONDITIONING EQUIPMENT.

16 MECHANICAL CONTRACTOR SHALL ARRANGE TO PAY FOR ALL NECESSARY PERMITS, LICENSES AND INSPECTIONS AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

17 ALL NEW MECHANICAL EQUIPMENT, MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE.

18 TO THE BEST OF THE ARCHITECT'S OR ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.

19 TURNING VANES SHALL BE PROVIDED IN ALL SUPPLY AND RETURN DUCT RECTANGULAR ELBOWS WITH ANGLES BETWEEN 15 DEGREES AND LESS THAN 90 DEGREES PER FIG. 2-5 OF THE SMACNA MANUAL.

20 DUCT DIMENSIONS SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS.

21 DUCTWORK, DIFFUSERS, REGISTERS, GRILLES, AND OTHER ITEMS OF THE AIR HANDLING SYSTEM SHALL NOT BE SUPPORTED BY THE CEILING OR CEILING SUSPENSION SYSTEM.

22 ALL CONCEALED SUPPLY AND RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED SHEET METAL CONSTRUCTION IN ACCORDANCE WITH LATEST SMACNA STANDARDS. ALL JOINTS & SEAMS SHALL BE SEALED WITH HARDCAST CCWI-181 DUCT SEALANT

23 ALL HOOD EXHAUST DUCT SHALL BE GALVANIZED STEEL.

24 UNLESS OTHERWISE NOTED, INSTALL DUCTWORK AS HIGH AS POSSIBLE, TIGHT TO BOTTOM OF STRUCTURE. COORDINATE DUCT ELEVATION WITH RAIN LEADERS, WATER PIPING, SANITARY DRAINS AND MAJOR ELECTRICAL CONDUITS.

25 PROVIDE AND INSTALL AUTOMATIC DAMPERS IN ALL OUTSIDE AIR DUCTS.

26 MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE 8'-0".

27 VOLUME DAMPERS WITH LOCKING QUADRANTS SHALL BE INSTALLED IN ALL DUCT BRANCHES.

28 ALL INSULATION SHALL HAVE A MINIMUM FLAME SPREAD/SMOKE DEVELOPED RATING OF 25/50.

29 DUCT WRAP INSULATION SHALL BE 2.2" THICK FLEXIBLE FIBERGLASS, 0.75 PCF DENSITY.

30 FLEXIBLE DUCTWORK SHALL BE LOW PRESSURE FACTORY FABRICATED CONSISTING OF A ZINC-COATED SPRING STEEL HELIX, NON-PERFORATED INNER LINER AND 1" THICK FIBERGLASS R-6 INSULATION WITH METALIZED VAPOR BARRIER.

31 COORDINATE AIR DEVICE LOCATIONS WITH LIGHTING FIXTURES AND FIRE SPRINKLER HEADS. FINAL LOCATION SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE IN THE FIELD.

32 ALL SUPPLY AIR DIFFUSERS SHALL BE 4-WAY THROW UNLESS OTHERWISE NOTED.

33 INSULATE BACK PANS OF ALL DIFFUSERS.

34 ALL WALL MOUNTED THERMOSTATS AND/OR TEMPERATURE SENSORS SHALL BE INSTALLED AT AN ELEVATION OF 48" ABOVE FINISHED FLOOR TO THE TOP UNLESS OTHERWISE NOTED ON DRAWINGS. LOCATION OF THE WALL MOUNTED THERMOSTAT SHALL BE COORDINATED WITH OTHER TRADES FOR A NEAT APPEARANCE. FINAL LOCATION OF THERMOSTAT SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER OR HIS REPRESENTATIVE IN THE FIELD.

35 CONTRACTOR SHALL PROVIDE ALL SUPPLEMENTARY STEEL REQUIRED TO SUSPEND MECHANICAL EQUIPMENT AND MATERIALS.

36 CONDENSATE DRAIN PIPING SHALL BE SCHEDULE 40 PVC. PROVIDE TRAP AT THE AIR HANDLER UNIT. ROUTE TO CONDENSATE DRAIN. INSULATE WITH ½" THICK ARMAFLEX

37 THE MECHANICAL CONTRACTOR SHALL INSTALL ALL EQUIPMENT LOCATED OUTSIDE TO COMPLY WITH 2023 FLORIDA BUILDING CODE'S HIGH VELOCITY HURRICANE ZONE REQUIREMENTS FOR THE SPECIFIC WIND ZONE IN WHICH THE EQUIPMENT IS LOCATED. THE CONNECTION OF THE ROOF MOUNTED EQUIPMENT TO THE ROOF SUPPORT CURBS SHALL BE DESIGNED BY A FLORIDA REGISTERED SPECIALTY ENGINEER RETAINED BY THE MECHANICAL EQUIPMENT SUPPLIER SIGNED AND SEALED DRAWINGS AND CALCULATIONS ARE TO BE SUBMITTED TO THE FLORIDA REGISTERED STRUCTURAL ENGINEER OF RECORD HIRED BY THE MECHANICAL PRIME CONTRACTOR SHALL PROVIDE THE ATTACHMENT OF THE EQUIPMENT SUPPORT CURBS TO THE STRUCTURE, AS WELL AS MAKE PROVISIONS IN THE DESIGN FOR THE EXISTING BUILDING'S ROOF STRUCTURE (AS NEEDED) TO ACCOMMODATE THE LOADS AND ATTACHMENTS SUBMITTED BY THE EQUIPMENT SUPPLIER.

38 AT THE CONCLUSION OF THE INSTALLATION THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A COMPLETE CERTIFIED TEST AND BALANCE REPORT FROM AN AGENCY HAVING A MINIMUM OF THREE YEARS EXPERIENCE. REPORT SHALL ITEMIZE THE PERFORMANCE OF EACH AIR DEVICE AND A/C UNIT WITH REGARD TO CFM, STATIC PRESSURE AND TEMPERATURE.

39 INSULATE ALL REFRIGERANT PIPING WITH CLOSED CELL PIPE INSULATION (ARMAFLEX), USE 1" THICK FOR PIPE SIZES UP TO 2", USE 1-1/2" THICK FOAM FOR PIPE SIZES 2-1/2" AND LARGER. COVER ALL EXTERIOR INSULATION WITH A PROTECTIVE ALUMINUM JACKET.

OVEN HOOD SCHEDULE

MARK	–	H-1
DIMENSION	WIDTH x LENGTH	54" X 144"
MANUFACTURER	–	ECON-AIR
MODEL	–	ES-VHB-G-PSP-F
SUPPLY FAN		
MARK	–	HSF-1
AIR FLOW	CFM	1460
MANUFACTURER	–	ECON-AIR
MODEL	–	EA-A1-18Z
MOTOR	H.P.	1.675
ELECTRICAL	V/ø/Hz	240/1/60
CONTROL	–	INTERLOCK W/ HEF-1
EXHAUST FAN		
MARK	–	HEF-1
AIR FLOW	CFM	1800
MANUFACTURER	–	ECON-AIR
MODEL	–	EADU85H
MOTOR	H.P.	0.75
ELECTRICAL	V/ø/Hz	240/1/60
CONTROL	–	WALL SWITCH
NOTES	(#)	(1) (2) (3) (4)

(1) TYPE II HOOD WITH MAKE-UP AIR. PROVIDE WITH UTILITY CABINET, 100% 430 STAINLESS STEEL CONSTRUCTION MAKE-UP AIR PLENUM AND SKIRT BETWEEN HOOD AND CEILING.

(2) PROVIDE UPBLAST EXHAUST FAN WITH DISCONNECT.

(3) PROVIDE MAKE-UP AIR FAN WITH WEATHER HOOD, DISCONNECT, AND METAL MESH FILTERS.

(4) COORDINATE CURB REQUIREMENTS WITH METAL ROOF MANUFACTURER.

* APPROVED EQUAL: SHALL BE GREENHECK

SPLIT SYSTEM A/C SCHEDULE

AIR HANDLING UNIT DATA				
MARK	–	AHU-1	AHU-2	AHU-3
AREA SERVED	–	MATERIAL TESTING	OFFICES	STAFF COMBINE
TOTAL CAPACITY	BTUH	54,500	46,100	38,400
SENSIBLE CAPACITY	BTUH	37,800	34,500	26,600
SUPPLY AIR	CFM	1590	1480	1110
OUTSIDE AIR	CFM	240	220	180
ENTERING AIR TEMP DB/WB	°F/°F	78.0/65.5	78.0/65.5	78.0/65.5
EXT. STATIC PRESSURE	IN. H_2O	0.5	0.75	0.75
MOTOR	H.P.	3/4	3/4	1/2
ELECTRICAL	V/ø/Hz	240/1/60	240/1/60	240/1/60
HEATER	KW/STAGES	5.8/1	5.8/1	5.8/1
FILTER TYPE	–	1"-MERV 8	1"-MERV 8	1"-MERV 8
WEIGHT	LBS.	174	174	144
MANUFACTURER	–	TRANE	TRANE	TRANE
MODEL NO.	–	TEM4B0C60	TEM4B0C60	TEM4A0C43
CONDENSING UNIT DATA				
MARK	–	CU-1	CU-2	CU-3
OUTDOOR TEMP.	°F	95	95	95
LIQUID LINE (SIZE)	IN. O.D.	(3)	(3)	(3)
SUCTION LINE (SIZE)	IN. O.D.	(3)	(3)	(3)
ELECTRICAL	V/ø/Hz	240/1/60	240/1/60	240/1/60
SEER	–	14.3	14.3	14.3
M.C.A	A	32	32	20
WEIGHT	LBS.	277	277	212
MANUFACTURER	–	TRANE	TRANE	TRANE
MODEL NO.	–	4TTR4060	4TTR4060	4TTR4042
NOTES	(#)	(1) (2) (4)	(1) (2) (4)	(1) (2) (4)

(1) PROVIDE AND INSTALL IN VERTICAL CONFIGURATION.

(2) PROVIDE WITH FACTORY INSTALLED ELECTRIC HEATER, SINGLE POINT POWER CONNECTION AND FACTORY THERMOSTAT. DUAL POINT POWER CONNECTION WILL NOT BE ACCEPTED.

(3) VERIFY WITH UNIT MANUFACTURER.

(4) PROVIDE WITH SELF-CLEANING PLASMA FILTER. FILTER SHALL BE MANUFACTURED BY GLOBAL PLASMA SOLUTIONS (OR APPROVED EQUAL.)

* APPROVED EQUALS SHALL BE CARRIER, LENNOX AND TEMPMASTER..

EXHAUST FAN SCHEDULE

MARK	–	EF-1	EF-2	EF-3
SERVICE	–	EXHAUST	EXHAUST	EXHAUST
AREA SERVED	–	TOILET 108	TOILET 109	JAN 107
AIR QUANTITY	CFM	80	80	80
EXT. STATIC PRESS.	IN. H_2O	0.50	0.50	0.50
FAN TYPE	–	CEILING VENT	CEILING VENT	CEILING VENT
DRIVE	–	DIRECT	DIRECT	DIRECT
SONES	–	2.7	2.7	2.7
MOTOR	H.P./WATTS	80.2 W	80.2 W	80.2 W
MOTOR SPEED	RPM	950	950	950
ELECTRICAL	V/ø/HZ	120/1/60	120/1/60	120/1/60
CONTROL	–	INTERLOCK W/ LIGHTS	INTERLOCK W/ LIGHTS	INTERLOCK W/ LIGHTS
MANUFACTURER	–	GREENHECK	GREENHECK	GREENHECK
MODEL	–	SP-B110	SP-B110	SP-B110
NOTES	(#)	(1) (2)	(1) (2)	(1) (2)

(1) PROVIDE AND INSTALL WITH DISCONNECT, BACK DRAFT DAMPER AND WHITE GRILLE.

(2) PROVIDE AND INSTALL SOLID STATE SPEED CONTROL AT FAN FOR BALANCING.

* APPROVED EQUALS SHALL BE COOK, CAPTIVAIRE AND PENN.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
	NEW DUCTWORK, PIPING, OR EQUIPMENT
	FLEXIBLE DUCT
	SUPPLY OR OUTSIDE AIR DUCT SECTION
	RETURN DUCT SECTION
	EXHAUST DUCT SECTION
	SUPPLY AIR DEVICE. CLEAR TRIANGLE SIDES INDICATE AIR FLOW PATTERN
	RETURN AIR DEVICE
	EXHAUST AIR DEVICE
-U-	UNDERCUT DOOR 3/4"
	AIRFLOW DIRECTION
AHU-#	EQUIPMENT IDENTIFICATION MARK
(#)	MECHANICAL NOTE – NUMBER
T	WALL MOUNTED THERMOSTAT
	VOLUME DAMPER
M	MOTORIZED DAMPER

AIR DEVICE SCHEDULE

MARK	TYPE	MATERIAL	FINISH	MANUFACTURER AND MODEL	REMARKS
AD-1	CEILING SUPPLY	ALUMINUM	WHITE BAKED ENAMEL	TITUS OMNI	(1) (4)
AD-2	CEILING RET./EXH.	ALUMINUM	WHITE BAKED ENAMEL	TITUS 350RL	(2)
AD-3	CEILING SUPPLY	ALUMINUM	WHITE BAKED ENAMEL	TITUS OMNI	(3) (4)
AD-4	SIDEWALL SUPPLY	ALUMINUM	WHITE BAKED ENAMEL	TITUS 300FL	(5)

(1) PROVIDE 24x24 MODULE WITH ROUND NECK TRANSITION. SEE PLANS FOR NECK SIZES.

(2) PROVIDE 24x24 MODULE, WITH 22x22 NECK.

(3) PROVIDE 12x12 MODULE WITH 6" ROUND NECK TRANSITION.

(4) PROVIDE WITH R-6 BACKPAN INSULATION

(5) SEE FLOOR PLAN FOR NECK SIZES.

* APPROVED EQUALS SHALL BE METALAIRE AND NAILOR.

MINI-SPLIT SCHEDULE

AIR HANDLING UNIT DATA		
MARK	–	A/C-1
AREA SERVED	–	DATA ROOM
TOTAL COOLING CAPACITY	BTUH	12,000
SUPPLY AIR	CFM	260
MOTOR (MCA)	A	1.0
ELECTRICAL	V/ø/HZ	208/1/60
FILTER TYPE	–	AT GRILLE
WEIGHT	LBS.	29
MANUFACTURER	–	MITSUBISHI
MODEL NO.	–	MSZ-FS12NA
CONDENSING UNIT DATA		
MARK	–	CCU-1
OUTDOOR TEMP.	°F	95
ELECTRICAL	V/ø/HZ	208/1/60
SEER	–	20.5
M.C.A.	A	10
WEIGHT	LBS.	83
MANUFACTURER	–	MITSUBISHI
MODEL NO.	–	MUZ-FS12NA
NOTES	(#)	(1)

(1) PROVIDE WITH FACTORY THERMOSTAT. DRAIN CONDENSATE TO WALL BOX / STORM DRAINAGE BY OTHERS.

* APPROVED EQUALS SHALL BE TRANE , LG AND CARRIER.

STRAUGHN TRUT ARCHITECTS

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MICHAEL CURKAN, P.E.
FLORIDA PE NO. 45846

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: MJC

#	DATE	ISSUED AS
1	07.08.24	DD
2	03.14.25	100% C.D.'S
3	04.22.25	OWNER CMMTS

MECHANICAL NOTES, SCHEDULES AND LEGENDS

M-101

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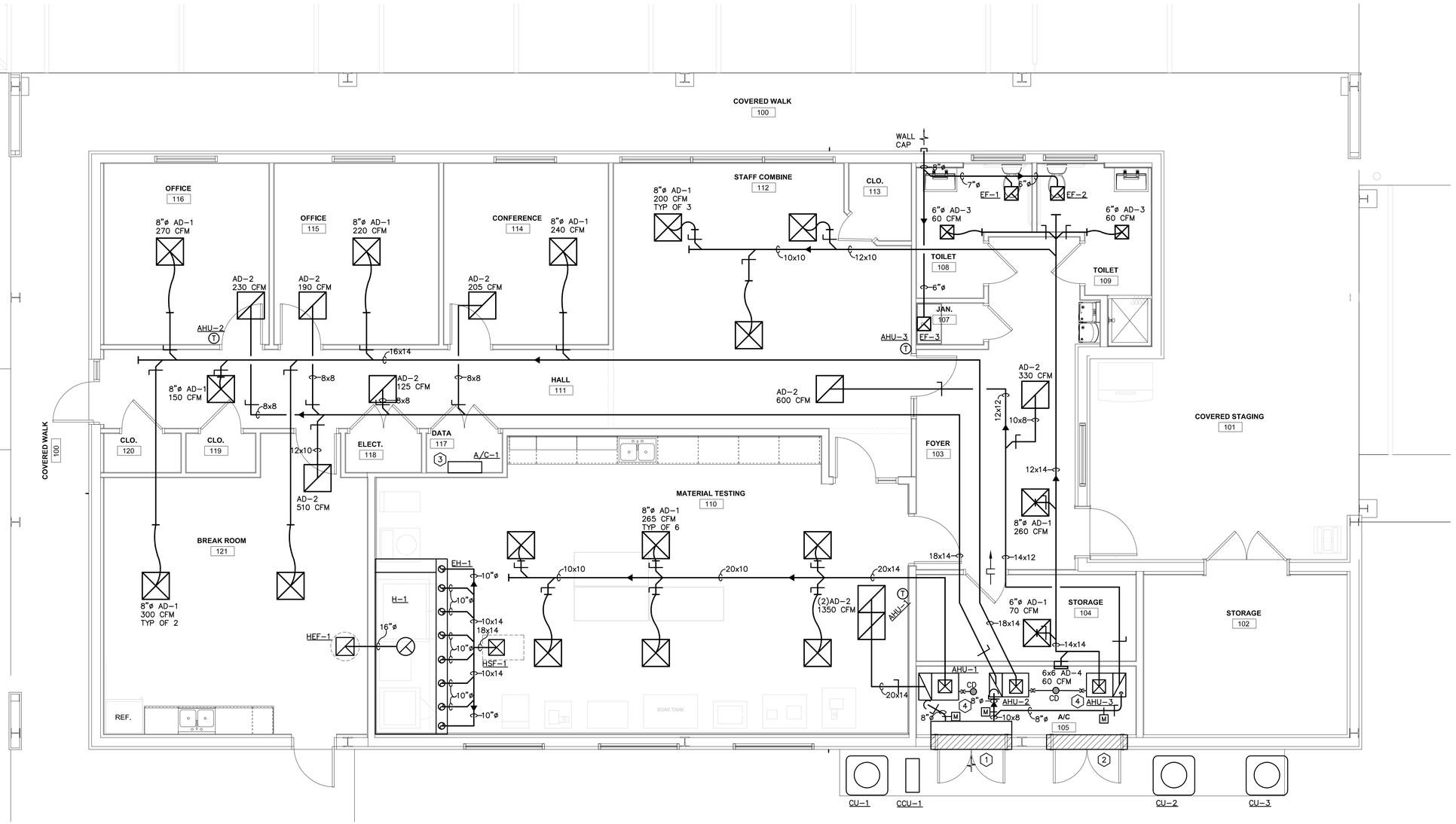

FLOOR PLAN – MECHANICAL

SCALE: 1/4"=1'-0" /4602-M-201

MECHANICAL NOTES:

1. NEW 72x12 INTAKE LOUVER, GREENHECK MODEL EHV-550D (OR APPROVED EQUAL). PROVIDE WITH 12" DEEP, FULL SIZE PLENUM. VERIFY COLOR WITH PROJECT ARCHITECT. COORDINATE FINAL LOUVER SIZE WITH ARCHITECTURAL DRAWINGS.
2. NEW 72x12 DECORATIVE LOUVER, GREENHECK MODEL EHV-550D (OR APPROVED EQUAL). BLANK INSIDE OF LOUVER WITH SHEET METAL. PAINT INTERIOR FACE OF SHEET METAL FLAT BLACK. PROVIDE 1" THICK FOIL BACKED URETHANE FOAM RIGID BOARD ON INTERIOR SIDE OF BLANK PLATE.
3. ROUTE CONDENSATE TO WALL BOX.
4. ROUTE CONDENSATE TO CONDENSATE DRAIN.

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3000 SHEFFIELD ROAD
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PROJECT MGR.:	MJC

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1	07.08.24	DD
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MECHANICAL FLOOR PLAN

M-201

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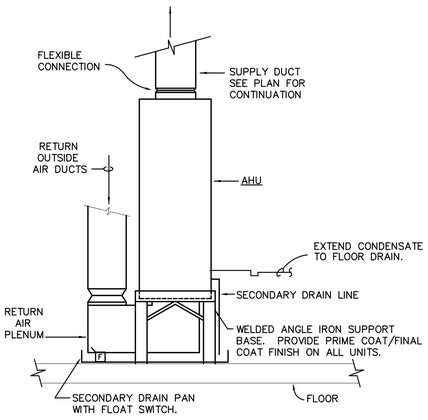
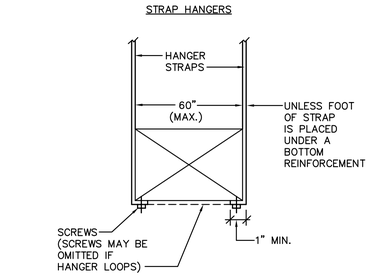


AIR HANDLING UNIT DETAIL

NOT TO SCALE

NOTES:

1. DO NOT INSTALL SECONDARY DRAIN PAN UNTIL FIRST COAT OF FLOOR PAINT/FINISH HAS BEEN APPLIED.
2. CONSTRUCT SECONDARY DRAIN PAN FROM GALVANIZED SHEET METAL (18 GA. MIN). SOLDER ALL JOINTS, PAN TO BE WATERTIGHT.

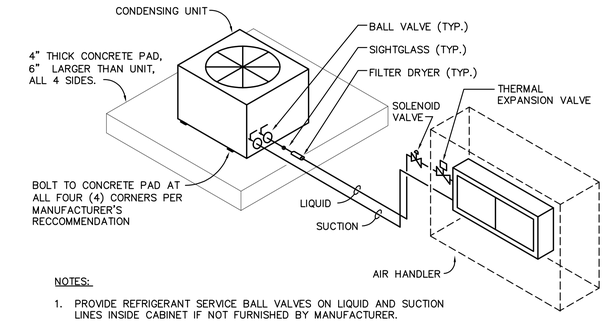


NOTE:
REFER TO SMACNA HVAC DUCT CONSTRUCTION STANDARDS MANUAL, CHAPTER 4.

LOWER HANGER ATTACHMENTS

NOT TO SCALE

NOTE:
HORIZONTAL DUCTS SHALL BE SUPPORTED WITHIN 2'-0" OF EACH ELBOW , 4'-0" OF EACH BRACH INTERSECTION AND A MAXIMUM OF 8'-0" FOR ALL STRAIGHT RUNS OF DUCT.



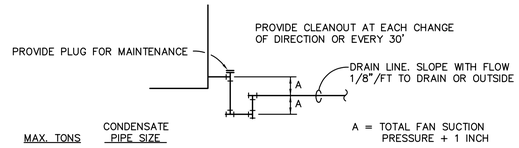
NOTES:

1. PROVIDE REFRIGERANT SERVICE BALL VALVES ON LIQUID AND SUCTION LINES INSIDE CABINET IF NOT FURNISHED BY MANUFACTURER.
2. REFRIGERANT LINES SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR STATIC LIFTS AND TOTAL LENGTHS REQUIRED.

MECHANICAL EQUIPMENT WIND PRESSURES (PSF)		ATTACHMENT OF ALL OUTDOOR MECHANICAL EQUIPMENT SHALL BE SPECIFIED BY EQUIPMENT MANUFACTURER TO MEET THE WIND PRESSURE REQUIREMENTS FOR THE FLORIDA MECHANICAL BUILDING CODE, 2020 EDITION – 7TH EDITION, SECTION 301.15
VERTICAL UPLIFT PRESSURE (PSF)	145 PSF	
HORIZANTAL PRESSURE (PSF)	114 PSF	

REFRIGERANT PIPING ISOMETRIC

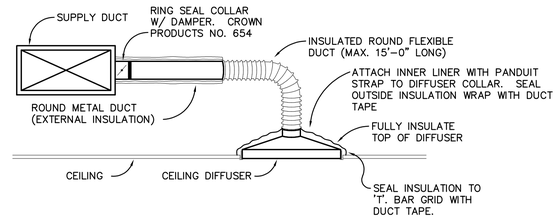
NOT TO SCALE



MAX. TONS	CONDENSATE PIPE SIZE
2	3/4"
5	1"
30	1 1/4"
50	1 1/2"

CONDENSATE DRAIN TRAP DETAIL

NOT TO SCALE



CEILING DIFFUSER RUNOUT DETAIL

NOT TO SCALE

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MECHANICAL DETAILS

M-301

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PLUMBING GENERAL NOTES AND SPECIFICATIONS:

- CONTRACTOR SHALL PROVIDE COMPLETE PLUMBING SYSTEMS AS DETAILED. WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, AND SERVICES REQUIRED FOR COMPLETE SYSTEMS.
- FLOOR PLANS SHOW APPROXIMATE LOCATION AND LAYOUT OF EXISTING PIPING ETC. CONTRACTOR SHALL VERIFY THE LOCATION OF THE SANITARY, WATER SERVICE AND VENTING SYSTEM PRIOR TO STARTING WORK.
- CONTRACTOR SHALL COORDINATE ALL PIPING LOCATIONS AND INVERT ELEVATIONS WITH FOOTINGS AND FOUNDATIONS BEFORE INSTALLING AND ADJUST AS REQUIRED.
- ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER PLUMBING DRAWINGS WITH REFERENCE TO BUILDING CONSTRUCTION. PLUMBING DRAWINGS (PLANS, DIAGRAMS, ETC.) ARE DIAGRAMMATIC AND SHOULD NOT BE SCALED. THE CONTRACTOR SHALL COORDINATE ALL WORK UNDER THIS CONTRACT.
- COORDINATE WORK WITH OTHER TRADES TO AVOID CONFLICTS.
- IF ANY DISCREPANCIES SHOULD EXIST THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO BIDDING.
- NECESSARY REQUIRED PLUMBING ITEMS THAT ARE NOT SHOWN ON THE DRAWINGS DOES NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO INSTALL A COMPLETE OPERATING PLUMBING SYSTEM.
- PROVIDE ALL CUTTING REQUIRED FOR THE INSTALLATION OF PLUMBING WORK. FINISH PATCHING SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR.
- DOMESTIC WATER PIPING SHALL BE: TYPE "K" COPPER BELOW GRADE, WITH VINYL SLEEVE FOR ANTI-CORROSION, AND TYPE "L" ABOVE GROUND WITH WROUGHT COPPER FITTINGS (ASTM B16.22-89) AND SOLDER JOINTS.
- COPPER PIPING INSTALLED WITHIN BLOCK WALLS OR IN CONTACT WITH CONCRETE SHALL BE INSTALLED WITH 4 MIL POLYETHYLENE PIPE GUARD. BLUE FOR COLD WATER AND RED FOR HOT WATER.
- INSULATE ALL HOT WATER PIPING WITH 1" THICK HIGH DENSITY FIBERGLASS INSULATION WITH, FACTORY APPLIED VAPOR BARRIER ALL SERVICE JACKET.
- ALL SOIL, WASTE, AND VENT PIPING SHALL BE SCHEDULE 40 PVC DWV (ASTM-2665) WITH SOLVENT WELDED JOINTS.
- ALL HORIZONTAL SOIL AND WASTE PIPING 2 1/2" IN DIAMETER AND LESS SHALL HAVE A SLOPE OF 1/4" PER ONE FOOT LENGTH OF PIPE. ALL PIPING 3" IN DIAMETER AND LARGER SHALL HAVE A SLOPE OF 1/8" PER ONE FOOT LENGTH OF PIPE.
- PROVIDE INTERIOR AND EXTERIOR CLEANOUT AS REQUIRED BY CODE.
- UNLESS OTHERWISE NOTED ALL PIPING SHALL BE RUN IN CONCEALED SPACES.
- IDENTIFY ALL PIPING WITH PERMANENT MARKERS.
- STERILIZE ALL WATER PIPING IN ACCORDANCE WITH HEALTH DEPARTMENT REGULATIONS.
- TEST ALL WATER PIPING AT 100 PSIG FOR SIX HOURS OR AS REQUIRED BY THE JURISDICTION.
- PROVIDE SERVICE VALVES AT EACH BRANCH SUPPLY LINE AS SHOWN ON PLANS. ALL VALVES, CHECK STOPS, ETC. SHALL BE RATED FOR 125 LB SERVICE. VALVES SHALL BE BALL OR GATE TYPE, GLOBE VALVES ARE NOT ACCEPTABLE. VALVES SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION FOR SERVICING AND OPERATION.
- ALL WATER PIPING SHALL BE SUPPORTED RIGIDLY AND IN LINE FROM BUILDING STRUCTURE. OFFSET PIPING TO AVOID STRUCTURAL MEMBERS, CANTS, FLASHING, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC, EQUAL TO GRINNEL.
- FINAL PIPING ROUTING SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR.
- ALL FIXTURES AND EQUIPMENT SHALL HAVE SHUT-OFF VALVES AT OR NEAR EQUIPMENT.
- PROVIDE CHROME PLATED STOPS AND SUPPLIES AT ALL WATER CLOSETS, SINKS AND LAVATORIES.
- CHROME PLATED ESCUTCHEONS AND NIPPLES ARE REQUIRED AT ALL FLOOR AND WALL PENETRATIONS.
- GATE VALVES SHALL BE #125 BRONZE WITH UNION BONNET.
- PROVIDE AND INSTALL HAMMER ARRESTORS AT FIXTURE GROUPS. INSTALL AIR CHAMBERS AT INDIVIDUAL FIXTURES.
- PLUMBING CONTRACTOR SHALL ARRANGE TO PAY FOR ALL NECESSARY PERMITS, LICENSES, AND INSPECTIONS AS REQUIRED BY THE CITY.
- ALL NEW PLUMBING EQUIPMENT, MATERIALS, AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE.
- MAINTAIN AS-BUILT DRAWINGS, DAILY. SUBMIT TO ARCHITECT/OWNER AFTER COMPLETION OF ALL WORK.
- AT THE COMPLETION OF THE INSTALLATION OF THE NEW POTABLE WATER SYSTEM, THE ENTIRE SYSTEM SHALL BE DISINFECTED IN COMPLIANCE WITH SECTION 610 OF THE STANDARD PLUMBING CODE.
- THOROUGHLY FLUSH AND TEST EXISTING UNDERGROUND SANITARY PIPING. TEST TO INCLUDE A VISUAL INSPECTION OF FLOW.
- ALL WORK SHALL COMPLY WITH ALL LOCAL AND STATE CODES, INCLUDING THE 2023 FLORIDA BUILDING CODE, 8TH EDITION.
- TEST SANITARY, WASTE AND VENT PIPING USING A 10 FOOT WATER COLUMN FOR 2 HOURS OR AS REQUIRED BY THE JURISDICTION.
- TO THE BEST OF THE ARCHITECT'S OR ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE MINIMUM BUILDING CODES.
- THE WATER SERVICE TO THE SITE IS EXISTING.
- THE MAIN BACKFLOW PREVENTER IS EXISTING TO REMAIN.
- THE SITE WATER METER IS EXISTING TO REMAIN.
- INSTALL REQUIRED VACUUM BREAKERS AS SUPPLIED AND RECOMMENDED BY KITCHEN EQUIPMENT SUPPLIER, AND STATE AND LOCAL CODES AND REQUIREMENTS. IF VACUUM BREAKERS ARE NOT SUPPLIED, CONTRACTOR SHALL FURNISH.
- CONTRACTOR TO INCLUDE COST FOR CUTTING SLAB TO ACCOMMODATE NEW PIPING.
- CONTRACTOR SHALL REMOVE EXISTING FIXTURES AND TURN OVER TO THE OWNER, AND REMOVE PIPING, AND ACCESSORIES TO FACILITATE AND CLEAN-UP OF CEILINGS, WALL, FLOOR, ETC. AND INSTALL NEW FIXTURES AS REQUIRED.
- CONTRACTOR SHALL PROVIDE ANY AND ALL, FIXTURES, PIPING AND ACCESSORIES DAMAGED IN REMOVAL OR NEEDED TO RESTORE INSTALLATION TO ORIGINAL CONDITION.
- CONTRACTOR TO INSTALL NEW PLUMBING FIXTURES, VALVE AND CONNECT WATER AND WASTE TO EXISTING PIPING. VERIFY LOCATION OF EXISTING PIPING IN FIELD, MODIFY PIPING AS REQUIRED TO MAKE CONNECTION TO NEW FIXTURES, INCLUDE ALL COST. RELOCATE SHUT-OFF VALVE FOR WATER IN ACCESSIBLE LOCATION.

PLUMBING FIXTURE NOTES:

1. MOUNTING HEIGHT AS SCHEDULED OR DETAILED.
2. TRAPS, SUPPLIES AND ALL OTHER EXPOSED PIPING SHALL BE CAST BRASS WITH A POLISHED CHROME FINISH. ACCEPTABLE MANUFACTURERS INCLUDE McGUIRE OR APPROVED EQUAL.
3. ALL EXPOSED PIPING BELOW WALL MOUNTED LAVATORIES SHALL BE INSTALLED WITH ADA COMPLIANT PIPE WRAP KIT. SYSTEM SHALL BE PVC RESIN SEAMLESS CONSTRUCTION MFG BY PRO-WRAP OR APPROVED EQUAL.
4. WALL MOUNTED LAVATORIES SHALL BE INSTALLED WITH FLOOR MOUNTED CARRIERS AT ALL LOCATIONS
5. PROVIDE FLUSH CONTROLS ON THE WIDE SIDE OF TOILETS.
6. COORDINATE INSTALLATION OF COUNTER MOUNTED SINKS WITH GENERAL CONTRACTOR. DO NOT CUT CABINET SUPPORT ELEMENTS WITHOUT APPROVAL OF THE ARCHITECT.
7. PLUMBING CONTRACTOR SHALL USE ONE MANUFACTURER FOR EACH FIXTURE TYPE.
8. PROVIDE AND INSTALL APPROPRIATE MIXING VALVE FOR ALL NEW AND REPLACED LAV'S AND SINKS.

*MANUFACTURER AND MODEL NUMBERS ARE SHOWN AS BASIS OF DESIGN. ANY OTHER ALTERNATES SUBMITTED SHALL BE SIMILAR IN QUALITY AND DESIGN AND WILL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND ENGINEER.

PLUMBING LEGEND

DESCRIPTION	ABBREV.	SYMBOL
SANITARY PIPING	SAN	
HOT WATER PIPING - 110°	HW	110°
COLD WATER PIPING	CW	
VENT PIPING	V	
FILTERED WATER SUPPLY	F	F
CLEAN OUT	CO	
TEE UP		
TEE DOWN		
90° UP		
90° DOWN		
WATER HAMMER ARRESTOR (LETTER DENOTES SIZE, SEE SCHEDULE)	-	A B C D E F
SHUT-OFF/GATE VALVE	GV	
NEW CONNECTION		
THERMOSTATIC MIXING VALVE		104°
FLOOR DRAIN/FLOOR SINK	FD/FS	

HAMMER ARRESTOR SCHEDULE

ZURN SHOKTROL Z-1700 SERIES	SIZE 100	SIZE 200	SIZE 300	SIZE 400	SIZE 500	SIZE 600
P.D.I. SYMBOLS*	A	B	C	D	E	F
FIXTURE-UNIT RATING	1-11	12-32	33-60	61-113	114-154	155-330

* CLASSIFICATIONS ESTABLISHED BY THE PLUMBING AND DRAINAGE INSTITUTE "STANDARD P.D.I.-WH201" APPROVED EQUALS SHALL BE J.R. SMITH & WADE.

WATER HEATER SCHEDULE

MARK	FIXTURE	COLD	HOT	DESCRIPTION	APPROVED MANUFACTURERS
WH-1	ELECTRIC WATER HEATER	3/4"	3/4"	**WATER HEATER:** ELECTRIC HEATER, 240V-1ø, 8.0 KW, 30 GALLON TANK CAPACITY, ANODE ROD, BRASS DRAIN VALVE AND ASME T&P RELIEF VALVE	**A. O. SMITH** NO. DEL-30 **RHEEM/RUUD** **STATE**

MIXING VALVE SCHEDULE

MANUFACTURER	MODEL SERIES	TEMP. SETTING	ASSE LISTING	SERVES
WATTS	LFMMV	110°F	1070	BREAK ROOM SINK (LOCATE BELOW SINK IN CABINET)
WATTS	LFMMV	104°F	1070	LAVS/SINKS (LOCATE BELOW LAV'S WITH ACCESS PANEL)

*APPROVED EQUALS SHALL BE ZURN, SYMMONS AND BRADLEY

PLUMBING ACCESSORY SCHEDULE

MARK	FIXTURE	DESCRIPTION	APPROVED MANUFACTURERS
WCO	WALL CLEANOUT	**WALL CLEANOUT:** PVC BODY, GAS AND WATERTIGHT THREAD PLUG, 7"ø SMOOTH STAINLESS STEEL ACCESS COVER WITH SECURING SCREW	**ZURN-LC** NO. C02411-PV4 (BODY) NO. C02530-SS7 (COVER) **WATTS** NO. C044
FCO	FLOOR CLEANOUT	**FLOOR CLEANOUT:** 5" SQUARE TOP, PVC BODY, AND HEAD WITH NICKEL BRONZE FRAME AND SCORIATED COVER	**ZURN-LC** NO. C02452-ST-PVC **WATTS** NO. C0-200-S-4-NH-60
ECO	EXTERIOR CLEANOUT	**EXTERIOR CLEANOUT:** HEAVY DUTY DURA-COATED CAST IRON BODY WITH ROUND CAST IRON SCORIATED TOP, ADJUSTABLE GAS AND WATER TIGHT BRONZE THREADED PLUG	**ZURN-LC** NO. C02510-P04 **WATTS** NO. C05-2-NH
CD	CONDENSATE DRAIN	**CONDENSATE DRAIN:** 7" ROUND RAISED LIP STRAINER WITH 1" RECESSED GRATE, CAST IRON BODY & DRAIN ADAPTOR TO ALLOW USE OF OPTIONAL TYPE "I" STRAINER. PROVIDE DEEP SEAL TRAP. INCLUDE BACKWATER VALVE.	**ZURN-LC** NO. FD2321-P03-JP2321 **WATTS** NO. FD7-6R-4-PVC-E
RP	HOT WATER RECIRCULATION PUMP	**RECIRCULATION PUMP:** INLINE CENTRIFUGAL, ALL BRONZE CONSTRUCTION, 1/6 HP, 120V-1ø, 2.5 GPM AT 29 FEET OF HEAD	**GRUNDFOS** NO. UPS26-99
FS	FLOOR SINK (KITCHEN)	**FLOOR SINK:** PVC BODY, 12x12x6 DEEP, COMPLETE WITH SEDIMENT BUCKET, DEEP SEAL TRAP; CONTRACTOR TO COORDINATE HALF GRATE WITH DRAIN FROM EQUIPMENT FURNISHED	**ZURN-LC** NO. FD2370-PV3-H-Y **WATTS** NO. FS56-3-PVC-2G-B
AAV	AIR ADMITTANCE VALVE	**AIR ADMITTANCE VALVE:** ABS VALVE WITH SILICONE MEMBRANE AND INSECT SCREEN.	**STUDOR** REDI-VENT
FD1	FLOOR DRAIN	**FLOOR DRAIN:** 5" SQUARE STRAINER, C.I. BODY, CAST IRON COLLAR, ADJUSTABLE NICKEL BRONZE TOP, PROVIDE TRAP PRIMER (SEE DETAIL)	**ZURN-LC** NO. ZN415-3NL-5B-P **WATTS** NO. FD15-5S2-3PT

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
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STA PROJECT #: 2306

PROJECT MGR.: MJC

#	DATE	ISSUED AS
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2	03.14.25	100% C.D.'S
3	04.22.25	OWNER CMMTS

PLUMBING NOTES, SCHEDULES AND LEGENDS

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P-101

PLUMBING FIXTURE AND PIPE SIZING SCHEDULE

MARK	FIXTURE	TRAP	VENT	COLD	HOT	DESCRIPTION	APPROVED MANUFACTURERS
P-1	WATER CLOSET BARRIER FREE	INTEGRAL	AS SHOWN ON PLANS	1/2"	---	**WATER CLOSET:** FLOOR MOUNTED, GRAVITY FLUSH TANK, ELONGATED, WHITE VITREOUS CHINA, PRESSURE ASSISTED SIPHON ACTION, CLOSE-COUPLED BOLT CAPS, 1.1 GPF, 16 1/2" HIGH. PROVIDE TANK WITH TRIP LEVER TO WIDE SIDE OF TOILET AREA. **SEAT:** FINISH WHITE, EXTRA HEAVY DUTY PLASTIC FOR ELONGATED BOWL, OPEN FRONT LESS COVER, SELF-SUSTAINING STAINLESS STEEL CHECK HINGE. TOP OF SEAT 17 1/2" AFF	**AMERICAN STANDARD** CADET NO. 2467.016 **KOHLER** HIGHLINE NO. K-4304 (BOWL) K-4645 (TANK) **KOHLER** NO. K-4731-SC **OLSONITE** NO. 95SS **BENEKE** NO. 527SS **BEMIS** NO. 1655SSCT
P-2	WASH BASIN BARRIER FREE SINGLE STATION	1 1/4"		1/2"	1/2" (104°)	**WASH BASIN:** WASH BASIN IS 30" IN LENGTH SINGLE WASHBAR.	**BRADLEY CORP.** VERGE WASH BASIN LVQ SERIES NO. LVQD1-WB1
P-3	UNDERMOUNT SINK	1 1/2"		1/2"	1/2" (110°)	**UNDERMOUNT SINK:** SINK BASIN BY OTHERS **TRIM:** WALL MOUNT SINK FAUCET WITH 12" SWIVEL SPOUT 4" WRIST BLADE HANDLES AND BODY ON 8" CENTERS. PROVIDE STOPS, SUPPLIES, TRAP ETC. TO MAKE A COMPLETE INSTALLATION.	**T&S BRASS** NO.B-2463 (FAUCET) **CHICAGO**
P-4	SERVICE SINK	3"		1/2"	1/2"	**SINK:** FLOOR MOUNTED, RECESSED 28x28x12 ONE PIECE, PRECAST TERRAZO, BLACK AND WHITE MARBLE CHIPS **TRIM:** SINK FAUCET WITH VACUUM BREAKER, 3/4" HOSE THREADED OUTLET, PAIL HOOK, INTEGRAL STOPS AND ROUGH CHROME FINISH, SEAL WALL WITH SILICONE SEALANT, PROVIDE 36" RUBBER HOSE. INSTALL FAUCET 36" AFF **NOTE: CAULK BASE OF MOP SINK**	**FIAT** NO. TSBCR1000 **FLORESTONE** NO. 99 **CHICAGO** NO. 897-RCF **T & S BRASS** NO. B-665-BSTR
P-5	SHOWER BARRIER FREE	2" (FD2)		1/2"	1/2" (104°)	**SHOWER:** REFER TO ARCHITECTURAL DRAWING FOR INFORMATION ON WALLS AND SHOWER PAN/FLOOR **TRIM:** PRESSURE BALANCING MIXING VALVE WITH INTEGRAL VOLUME CONTROL AND ADJUSTABLE STOP SCREW TO LIMIT HANDLE TURN, INTEGRAL CHECK STOPS, IN-LINE VACUUM BREAKER, SINGLE BLADE LEVER HANDLE. WALL/HAND SHOWER WITH FLEXIBLE METAL HOSE, WALL CONNECTION AND FLANGE. WITH SLIDE BAR FOR HAND SHOWER. INCLUDE 1.5 GPM SHOWER HEAD	**DELTA** NO. R10700-UNWS (VALVE BODY WITH DIVERTER VALVE) NO. T17TH325 (TRIM KIT)
P-6	ELECTRIC WATER COOLER BI-LEVEL BOTTLE FILLER	1 1/4"		1/2"	---	**EWC:** 115V/60 HZ, 8.0 GPH - BASED ON 80° INLET AND 50° DRINKING WATER TEMP. HANDS FREE, GREEN TICKER LAMINAR FLOW, ANTIMICROBIAL OPERABLE FROM BOTH SIDES OR FRONT, POLISHED CHROME PLATED BRASS, COLOR OF CABINET AS DIRECTED BY ARCHITECT. PROVIDE TRAP, DRAIN, SUPPLIES, ETC. TO MAKE A COMPLETE INSTALLATION **CARRIER:** DURA-COATED RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, ADJUSTABLE SUPPORT PLATES, MOUNTING FASTENERS, AND BI-LEVEL CONFIGURATION	**ELKAY** NO. EMABF8TL (COOLER) NO. LMABF8TL (BOTTLE FILLER) **OASIS** NO. INSTALL WITH THE LEFT SIDE UNIT LOW. **ZURN** NO. Z-1225-BL **WATTS** NO. CA-321 **J. R. SMITH** NO. 0832

PLUMBING FIXTURE AND PIPE SIZING SCHEDULE

MARK	FIXTURE	TRAP	VENT	COLD	HOT	DESCRIPTION	APPROVED MANUFACTURERS
P-7	HOSE BIBB (INSIDE/OUTSIDE)	---	---	3/4"	---	**HOSE BIBB:** ANTI-SIPHON OUTSIDE SILL FAUCET, VACUUM BREAKER, 3/4" HOSE OUTLET, LOCK SHIELD CAP, REMOVABLE T-HANDLE, 3/4" FLANGED FEMALE INLET WITH ROUGH CHROME FINISH	**WOODFORD** NO. 24
P-8	ICE MAKER HOOK-UP	---	---	1/2" (3/8" OUT)	---	**ICE MAKER HOOK-UP** 4.25"Wx4.75"Hx2"D METAL ICE MAKER OUTLET BOX	**GUY GRAY** NO. MDWB5AB
P-9	AUXILIARY DRAIN OUTLET BOX	2"		---	---	**AUXILIARY DRAIN OUTLET BOX:** 6"Wx6"Hx3"D HIGH TEMP RESIN CENTER DRAIN, 1 & 2 HR. RATED MOUNT BOTTOM AT 6'-8" AFF (UNO) INSTALL AT CONDENSATE END OF AHU	**GUY GRAY** NO. FRAD12

PLUMBING FIXTURE NOTES:

1. MOUNTING HEIGHT AS SCHEDULED OR DETAILED.
2. TRAPS, SUPPLIES AND ALL OTHER EXPOSED PIPING SHALL BE CAST BRASS WITH A POLISHED CHROME FINISH. ACCEPTABLE MANUFACTURERS INCLUDE McGUIRE OR APPROVED EQUAL.
3. ALL EXPOSED PIPING BELOW WALL MOUNTED LAVATORIES SHALL BE INSTALLED WITH ADA COMPLIANT PIPE WRAP KIT. SYSTEM SHALL BE PVC RESIN SEAMLESS CONSTRUCTION MFG BY PRO-WRAP OR APPROVED EQUAL.
4. MAINTAIN 1 1/2" (MIN) CLEAR FROM THE BOTTOM OF GRAB BAR AND TOP OF FLUSH VALVE.
5. FAUCETS WITH WRIST BLADE HANDLES SHALL PROVIDE 1/4 TURN FULL OPEN TO FULL CLOSED OPERATION.
6. WALL MOUNTED LAVATORIES, URINALS AND ELECTRIC WATER COOLERS SHALL BE INSTALLED WITH FLOOR MOUNTED CARRIERS AT ALL LOCATIONS
7. PROVIDE FLUSH CONTROLS ON THE WIDE SIDE OF TOILETS. TRAPPED. ALL INDIRECT WASTE PIPING SHALL DISCHARGE WITH AIR GAP.

*MANUFACTURER AND MODEL NUMBERS ARE SHOWN AS BASIS OF DESIGN. ANY OTHER ALTERNATES SUBMITTED SHALL BE SIMILAR IN QUALITY AND DESIGN AND WILL BE SUBJECT TO APPROVAL BY THE ARCHITECT AND ENGINEER.

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PLUMBING NOTES AND SCHEDULES

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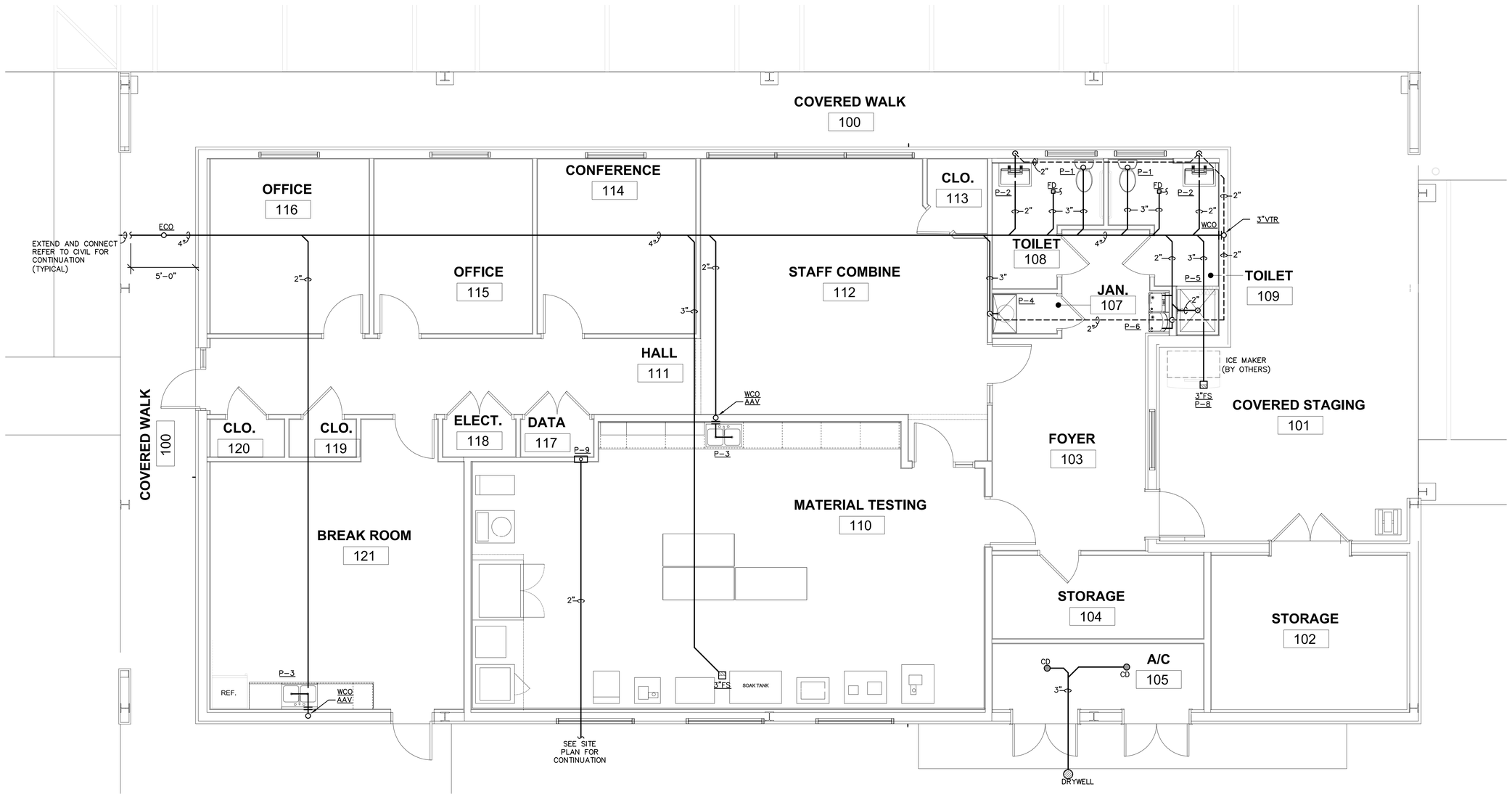

FLOOR PLAN – SANITARY

SCALE: 1/4"=1'-0" /4602-P-201

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SANITARY - FLOOR PLAN

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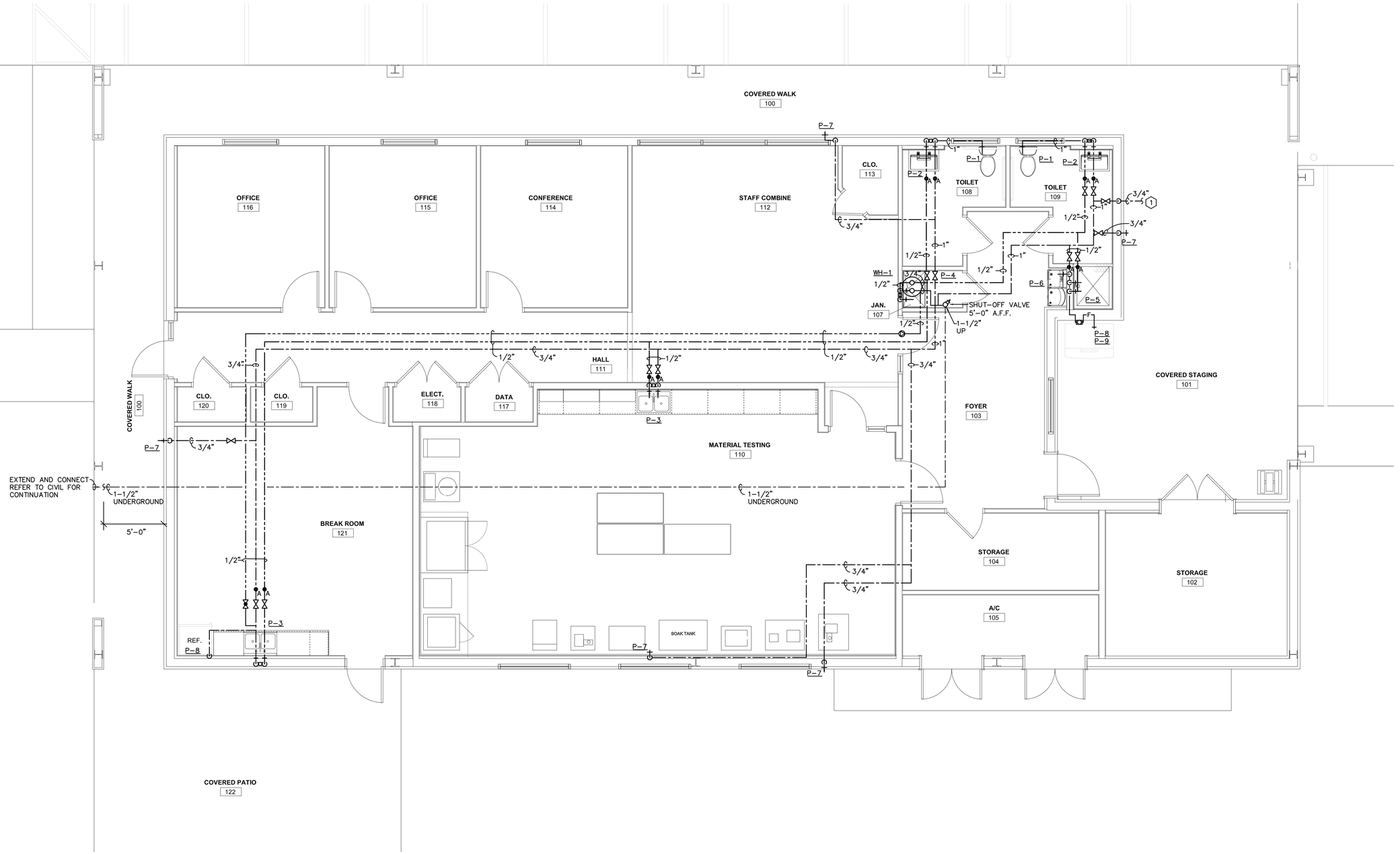

FLOOR PLAN – WATER

SCALE: 1/4"=1'-0" /4602-P-202

MECHANICAL NOTES:

1. EXTEND 3/4" CW LINE BELOW GRADE OUT TO NUCLEAR STORAGE 121. TERMINATE WITH P-7 ON SOUTH WALL OF STORAGE BUILDING.

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WATER - FLOOR PLAN

P-202

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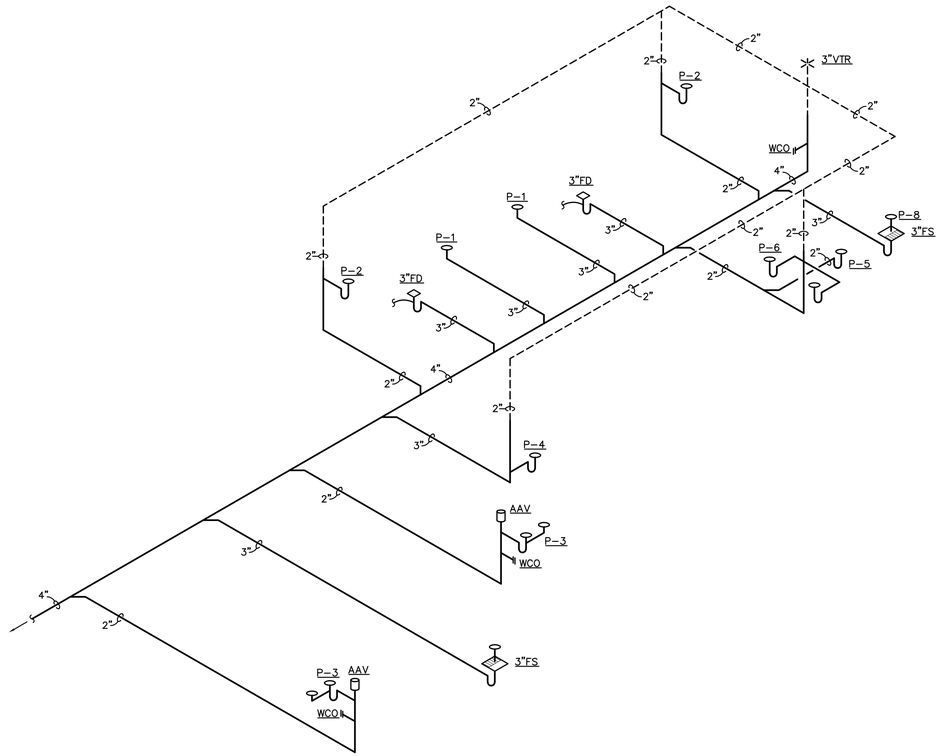

SANITARY RISER DIAGRAM

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SANITARY RISER DIAGRAM

P-301

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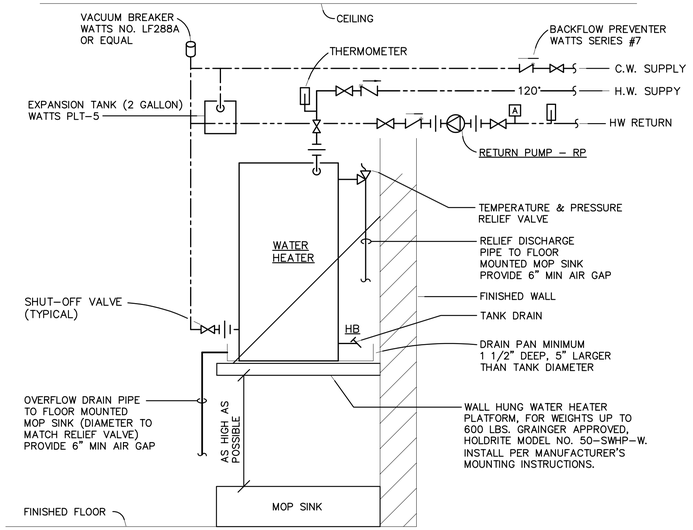
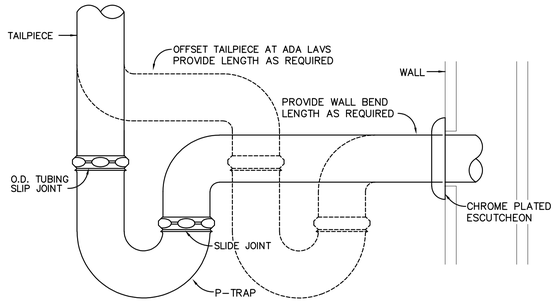


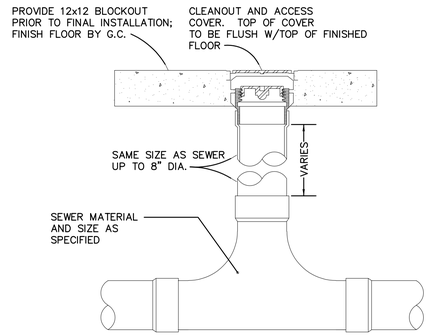
WATER HEATER DETAIL
NOT TO SCALE



NOTE:

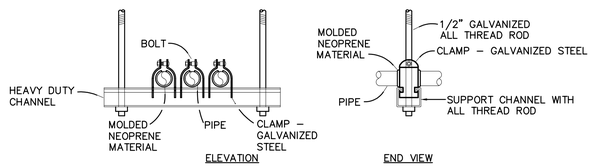
1. THE ENTIRE P-TRAP ASSEMBLY, INCLUDING SLIP JOINT NUTS, SHALL BE 17 GAUGE, HEAVY CAST BRASS WITH A POLISHED CHROME PLATED FINISH. (McGUIRE #8902 1 1/4" x 1 1/2"-17 GA. OR APPROVED EQUAL)
2. FOR BARRIER FREE LAVATORIES, INSTALL 1 1/4" OFFSET TAILPIECE. (McGUIRE #155WC OR APPROVED EQUAL)

'P'-TRAP DETAIL
NOT TO SCALE

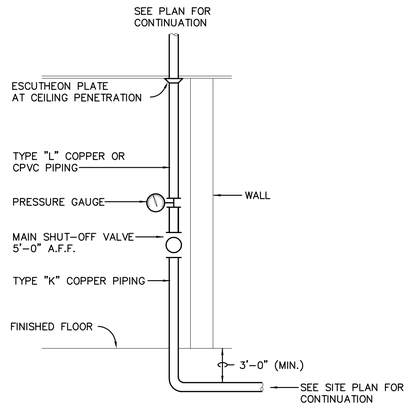


NOTE: PROVIDE 6" THICK x 18" DIA. CONCRETE COLLAR AT ALL CLEANOUTS IN FINISH GRADE.

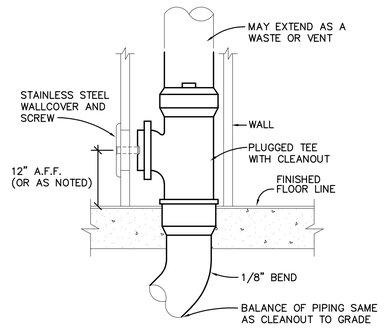
CLEANOUT (2-WAY) DETAIL
NOT TO SCALE



PIPE HANGER DETAIL
NOT TO SCALE



DOMESTIC WATER BUILDING ENTRANCE DETAIL
NOT TO SCALE



WALL CLEANOUT DETAIL
NOT TO SCALE

STRAUGHN TROUT ARCHITECTS
2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3921
PH: [863] 6654205
StraughnTrout.com

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STRAUGHN TROUT ARCHITECTS, LLC
FLORIDA LICENSE #AR96576

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MICHAEL CURKAN, P.E.
FLORIDA PE NO. 45846

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	MJC

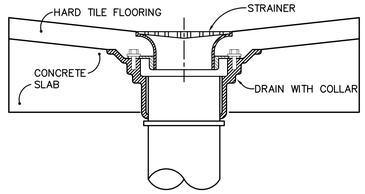
#	DATE	ISSUED AS
1	07.08.24	DD
2	03.14.25	100% C.D.'S

PLUMBING DETAILS

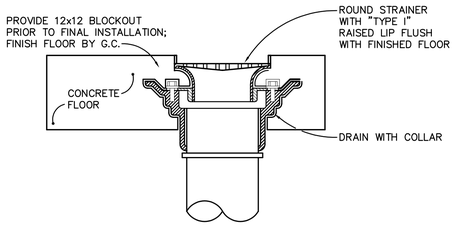
PYRAMID ENGINEERING
CONSULTING ENGINEERS
5596 Rio Vista Drive
Clearwater, Florida 33760
(727) 531-2989 * Reg. No. EB6890
pyramid@pyramidengineering.org

P-401

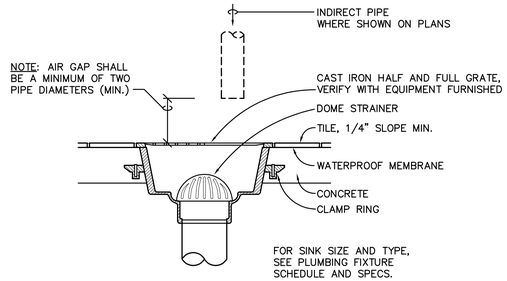
INSTALL TOP OF TOILET ROOM FLOOR DRAINS AT 3/8" BELOW TOP OF TYPICAL SLAB OR FINISHED FLOOR ELEVATION (UNO), SLOPE FINISHED FLOOR ALL AROUND TOWARDS THE DRAIN.
NOTE:
RECESS TOP OF DRAIN 3/16" ONLY AT SHOWERS.



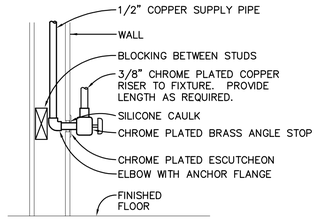
FLOOR DRAIN DETAIL
NOT TO SCALE



MECHANICAL ROOM DRAIN DETAIL
NOT TO SCALE (CD)



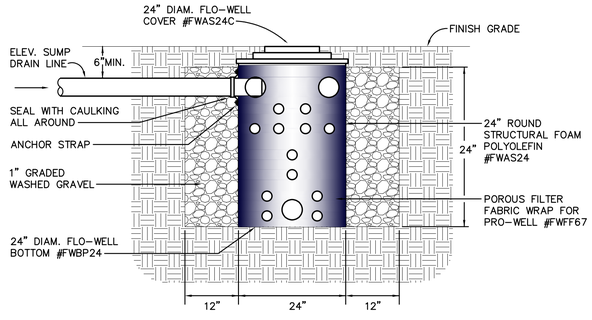
FLOOR SINK DETAIL
NOT TO SCALE



NOTES:

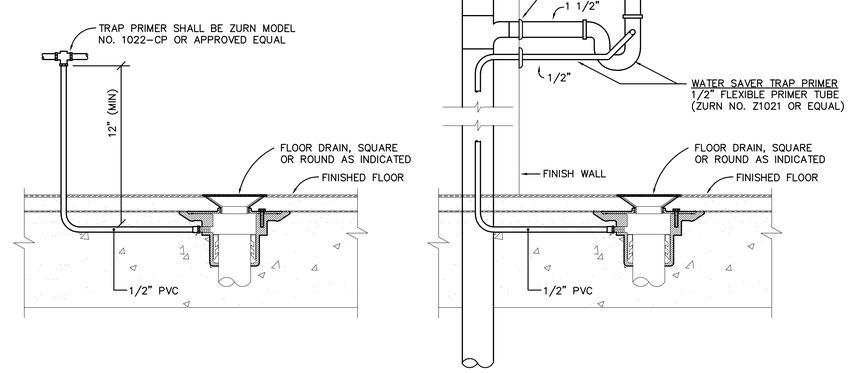
1. THE ENTIRE SUPPLY ASSEMBLY SHALL HAVE A CHROME PLATED FINISH. (McGUIRE #2165 OR APPROVED EQUAL)
2. PROVIDE SHUT-OFF VALVES TO HOT & COLD WATER LINES AT ALL FIXTURES.

SHUT-OFF VALVE DETAIL
NOT TO SCALE



NOTE: LID SHALL HAVE HOLE IN TOP FOR VENTING & ACCESS PURPOSES. SOLID COVER WILL NOT BE ACCEPTABLE.

DRYWELL DETAIL
NOT TO SCALE



TRAP PRIMER CONNECTION DETAILS
NOT TO SCALE

PYRAMID ENGINEERING
CONSULTING ENGINEERS
5596 Rio Vista Drive
Clearwater, Florida 33760
(727) 531-2989 * Reg. No. EB6890
pyramid@pyramidengineering.org

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MICHAEL CURKAN, P.E.
FLORIDA PE NO. 45846

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

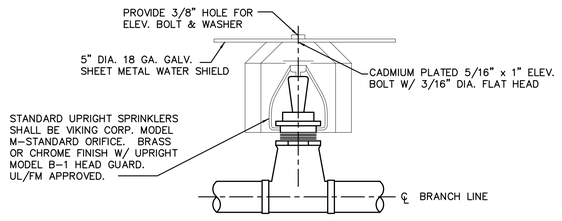
STA PROJECT #: 2306

PROJECT MGR.: MJC

#	DATE	ISSUED AS
1	07.08.24	DD
2	03.14.25	100% C.D.'S

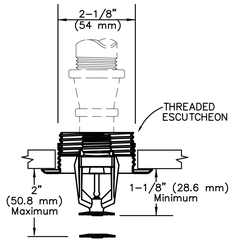
PLUMBING DETAILS

P-402



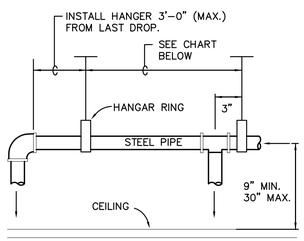
UPRIGHT SPRINKLER AND WATER SHIELD DETAIL

NOT TO SCALE



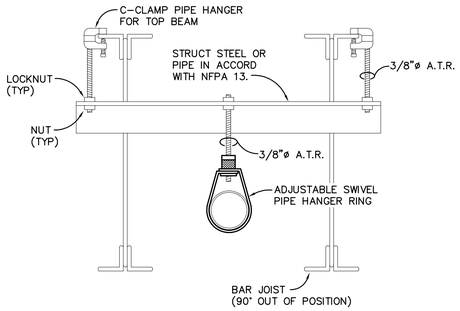
RECESSED SPRINKLER HEAD DETAIL

NOT TO SCALE



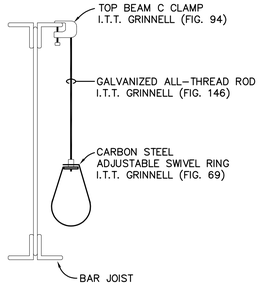
PIPE HANGAR DETAIL

NOT TO SCALE



TRAPEZE HANGER DETAIL

NOT TO SCALE



PIPE HANGER DETAIL

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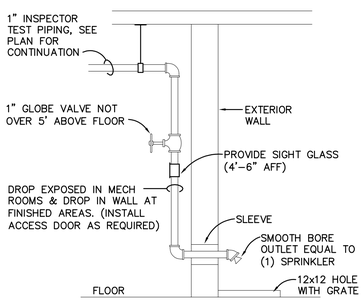
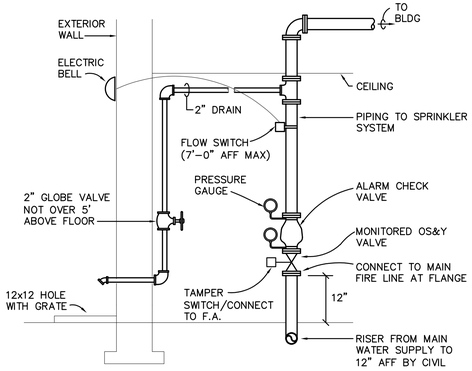


INSPECTORS TEST

NOT TO SCALE



SPRINKLER RISER

NOT TO SCALE

NOTES:

1. THE FIRE DEPARTMENT CONNECTION LOCATION SHALL BE DETERMINED BY THE FIRE MARSHAL.
2. DO NOT INSTALL SPLASH BLOCK AT SIDEWALK.
3. NO ONE PIECE VALVE ASSEMBLY. EACH VALVE TO BE SEPARATE.

GENERAL NOTES

THE FOLLOWING FIRE PROTECTION GENERAL NOTES APPLY TO GENERAL CONDITIONS OF FIRE PROTECTION WORK REQUIRED FOR THIS PROJECT.

A. NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, APPURTENANCES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.

B. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE FIRE PROTECTION WORK.

C. ALL FIRE SPRINKLER WORK SHALL BE PERFORMED BY A LICENSED FIRE SPRINKLER CONTRACTOR WITH SEPARATE PLANS AND PERMIT AND INSTALLED AS PER NFPA 13, 2023 EDITION. FIRE SPRINKLER CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONING SPRINKLER SYSTEM WITH VALVES, PIPING, HEADS AND APPURTENANCES THROUGHOUT THE SPACE. THE SYSTEM SHALL BE TESTED PER NFPA 13, CHAPTER 25 AND OBTAIN APPROVAL FROM AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE BY OWNER.

D. INCLUDE ALL COSTS TO INSTALL NEW WET PIPE FIRE SPRINKLER SYSTEM AS REQUIRED TO ACCOMMODATE FLOOR PLAN. PROVIDE LAYOUT/INSTALLATION DRAWINGS AND HYDRAULIC CALCULATIONS AS REQUIRED BY LOCAL AUTHORITY HAVING JURISDICTION AND ENGINEER REVIEW.

E. SUBMIT FULL SUBMITTALS OF ALL FIRE PROTECTION EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW, WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE DESIGN DRAWINGS, PROVIDE WITHIN THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.

F. THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.

G. FIRE PROTECTION DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE FIRE PROTECTION SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.

H. INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCE.

I. SPRINKLER SYSTEM SHALL BE TESTED AT 200 PSI FOR A MINIMUM OF 2 HOURS.

J. PIPE SUPPORTS: HANGERS, CLAMPS, RODS AND OTHER ACCESSORIES OF AN APPROVED TYPE AND IN SUFFICIENT NUMBER TO PROPERLY SUPPORT ALL PIPING SHALL BE FURNISHED AND INSTALLED IN STRICT ACCORDANCE WITH NFPA 13.

K. IN LOCATING SPRINKLER HEADS AND PIPING, CONTRACTOR SHALL COORDINATE THE SPRINKLER SYSTEM LAYOUT WITH THE LIGHTING AND AIR CONDITIONING LAYOUT. LOCATE HEADS IN CENTER OF TILE AND 12" FROM THE END.

L. ALL SPRINKLER HEADS SHALL BE UL LISTED, AND BE OF ORDINARY DEGREE RATING EXCEPT WHERE EXCESSIVE TEMPERATURES ARE ANTICIPATED. IN THESE LOCATIONS HIGH TEMPERATURE HEADS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13.

M. SPRINKLER HEADS SHALL BE LOCATED TO PROVIDE COVERAGE IN ALL AREAS, SOFFITS AND ALCOVES IN ACCORDANCE WITH NFPA 13 REQUIREMENTS FOR OBSTRUCTIONS TO SPRINKLER COVERAGE. SPRAY SHALL NOT BE BLOCKED BY PARTITIONS OR CURTAINS. PROVIDE ADDITIONAL HEADS AS REQUIRED TO MAINTAIN FULL SPRINKLER COVERAGE.

N. PROVIDE AND MAINTAIN A MINIMUM OF 18 INCHES CLEARANCE BETWEEN THE BOTTOM OF THE SPRINKLER DEFLECTORS AND THE TOP OF STORAGE, FILES, ETC.

O. SPRINKLER HEADS SHALL BE PROVIDED IN CONCEALED SPACES AS REQUIRED BY NFPA 13 8.15.1

P. WHERE ABOVE GROUND WATER-FILLED SUPPLY PIPES, RISERS, SYSTEM RISERS, OR FEED MAINS PASS THROUGH OPEN AREAS, COLD ROOMS, PASSAGEWAYS, OR OTHER AREAS EXPOSED TO TEMPERATURES BELOW 40°F (4°C), THE PIPE SHALL BE PERMITTED TO BE PROTECTED AGAINST FREEZING BY INSULATING COVERINGS, FROST PROOF CASINGS, OR OTHER MEANS OF MAINTAINING A MINIMUM TEMPERATURE BETWEEN 40°F AND 120°F (4°C AND 48.9°C).

Q. ENTIRE FIRE SPRINKLER SYSTEM SHALL BE DRAINABLE IN ACCORDANCE WITH NFPA 13 REQUIREMENTS. CONTRACTOR SHALL PROPERLY SLOPE BRANCH PIPING TO CROSSMAIN. WHERE BRANCH PIPING OR CROSSMAIN TURN BELOW DUCTS, BEAMS OR OTHER OBSTRUCTIONS, CONTRACTOR SHALL PROVIDE CAPPED, THREADED DRAIN CONNECTIONS.

R. CONTRACTOR SHALL PROVIDE SYSTEM(S) WITH FLUSHING CONNECTIONS(S) AT THE END OF THE MAIN.

S. REFER TO ARCHITECTURAL DOCUMENTS FOR LOCATIONS OF ALL SMOKE AND/OR FIRE WALLS WHICH FIRE PROTECTION PIPING PENETRATES AND PENETRATION DETAILS SHOWING THE MAINTAINING OF THE INTEGRITY OF THE SMOKE/FIRE RATINGS. FIRE PROTECTION PIPING SHALL BE SMOKE/FIRE SAFE IN AN APPROVED MANNER WHEN PENETRATING WALLS AND FLOOR. SEE DETAILS.

T. ALL FIRE PROTECTION SYSTEMS SHALL REMAIN IN SERVICE DURING CONSTRUCTION.

U. ALL FIRE PROTECTION EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS SHALL BE 1/8" THICK AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTERS/ NUMBERS PLUS 3/4" ON EACH END. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.

V. AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 8 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE FIRE PROTECTION EQUIPMENT.

W. CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.

CODE CRITERIA

1. THE FOLLOWING IS A LIST OF ALL CODES ADOPTED BY THE STATE FIRE MARSHALL'S RULE 69A3.012 F.A.C.:
   * FLORIDA BUILDING CODE 8TH EDITION (2023) – ALL SECTIONS
   * FLORIDA ENERGY EFFICIENCY CODE (FBC 2023), FLORIDA ENERGY CODE SOFTWARE: ENERGYGAUGE SUMMIT VERSION 6.00
   * FLORIDA FIRE PREVENTION CODE 7TH EDITION (2023)
2. 69A-3.012 STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION ADOPTED.

2.1. EXCEPT AS SPECIFICALLY MODIFIED BY STATUTE OR BY THE STATE FIRE MARSHAL'S RULES, THE "FLORIDA FIRE PREVENTION CODE, 7TH EDITION (2023)," WHICH IS COMPRISED OF THE FLORIDA SPECIFIC EDITION OF NFPA 101, THE LIFE SAFETY CODE (2021 EDITION) AND THE FLORIDA SPECIFIC EDITION OF NFPA 1, THE FIRE CODE (2020 EDITION), ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S. IN ADDITION, THE FOLLOWING STANDARDS, EXCEPT AS SPECIFICALLY MODIFIED IN THE RULE CHAPTERS IN RULE TITLE 69A, ARE HEREBY ADOPTED AND INCORPORATED BY REFERENCE AND SHALL TAKE EFFECT ON THE EFFECTIVE DATE OF THIS RULE, AS A PART OF THE UNIFORM FIRE SAFETY STANDARDS ADOPTED BY RULE BY THE STATE FIRE MARSHAL AND ARE APPLICABLE TO THOSE BUILDINGS AND STRUCTURES SPECIFIED IN PARAGRAPHS (A) AND (B) OF SUBSECTION (1) OF SECTION 633.206, F.S.:
   * NFPA 13, 2019 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
   * NFPA 24, 2019 EDITION, STANDARDS FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
   * NFPA 25, 2017 EDITION, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS
   * NFPA 70, 2020 EDITION, NATIONAL ELECTRIC CODE
   * NFPA 72, 2019 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE

2.1. OTHER:
   * LOCAL CODES AND ORDINANCES

NOTE: TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THESE FIRE PROTECTION DESIGN DRAWINGS COMPLY WITH THE ABOVE CODE CRITERIA. WHEN TWO OR MORE CODES OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SHALL APPLY.

HANGER SPACING FOR STEEL FIRE SPRINKLER PIPING

PIPE SIZE	PIPE TYPE	MAXIMUM SUPPORT SPACING
1"	40	12'-0"
1 1/4"	40	12'-0"
1 1/2"	40	15'-0"
2"	40	15'-0"
2 1/2"	10	15'-0"
3"	10	15'-0"
4"	10	15'-0"
6"	10	15'-0"

* INFORMATION PER:

NFPA 13, 2019 EDITION (TABLE 9.2.2.1.a)
MAX. DISTANCE BETWEEN HANGERS

FIRE PROTECTION LEGEND

- PENDANT FIRE SPRINKLER HEAD
- $\bullet_D$ DRY TYPE FIRE SPRINKLER HEAD
- NEW RECESSED FIRE SPRINKLER HEAD
- FIRE DEPARTMENT CONNECTION
- FIRE INSPECTOR'S TEST

NOTES:

1. ALL SPRINKLER HEADS IN ANY MECHANICAL OR ELECTRICAL SPACE SHALL BE PROVIDED WITH BRIGHT RED/ORANGE HEAD GUARDS.

STRAUGHN TRUT ARCHITECTS
2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3021
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StraughnTrout.com

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MICHAEL CURKAN, P.E.
FLORIDA PE NO. 45846

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	MJC

#	DATE	ISSUED AS
1	07.08.24	DD
2	03.14.25	100% C.D.'S

FIRE PROTECTION NOTES, SCHEDULES AND LEGEND

FP-101

PYRAMID ENGINEERING CONSULTING ENGINEERS
5596 Rio Vista Drive
Clearwater, Florida 33760
(727) 531-2989 * Reg. No. EB6890
pyramid@pyramidengineering.org

FLOOR PLAN – FIRE PROTECTION

SCALE: 1/4"=1'-0" /4602-FP-201

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ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA. DIMENSION INFORMATION SHOULD NOT BE OBTAINED BY SCALING THE PLANS.

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INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #:	2306
PROJECT MGR.:	MJC

#	DATE	ISSUED AS
1	07.08.24	DD
2	03.14.25	100% C.D.'S

FIRE PROTECTION FLOOR PLAN

FP-201

PYRAMID ENGINEERING
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5596 Rio Vista Drive
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GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE AND THE 2020 NATIONAL ELECTRICAL CODE. WORK SHALL ALSO COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF LOCAL LAWS AND ORDINANCES.

2. CONTRACTOR SHALL MAKE A THOROUGH EXAMINATION OF THE SITE AND THE CONTRACT DOCUMENTS. NO CLAIM FOR EXTRA COMPENSATION WILL BE RECOGNIZED IF DIFFICULTIES ARE ENCOUNTERED WHICH AN EXAMINATION OF SITE CONDITIONS AND CONTRACT DOCUMENTS PRIOR TO EXECUTING CONTRACT WOULD HAVE REVEALED.

3. ELECTRICAL CONTRACTOR SHALL ARRANGE FOR ALL NECESSARY PERMITS, LICENSES, UTILITY COORDINATION, AND INSPECTIONS AS REQUIRED BY THE CITY OR UTILITY COMPANY. CONTRACTOR IS RESPONSIBLE FOR ALL EQUIPMENT (METER CANS, CT CABINETS, PRIMARY CONDUITS, UTILITY POLE CONDUIT RISERS, METER DISCONNECT, ETC.) REQUIRED BY UTILITY COMPANY AND SHOULD INCLUDE NECESSARY COSTS IN BID. ANY ADDITIONAL INFRASTRUCTURE UPGRADE COSTS (NEW TRANSFORMER, NEW UNDERGROUND/OVERHEAD DISTRIBUTION, ETC.) REQUIRED BY THE UTILITY SHALL BE PRESENTED TO THE OWNER FOR REVIEW AND PAYMENT.

4. CONTRACTOR SHALL LEGIBLY MARK–UP A SET OF 24"x36" DRAWINGS TO REFLECT AS–BUILT CONDITIONS, AND TURN OVER TO ARCHITECT. WITHIN 30 DAYS AFTER THE DATE OF PROJECT ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION SHALL BE PROVIDED TO THE BUILDING OWNER PER FBC ENERGY CODE C405.5.4.1.

5. AN OPERATING MANUAL AND MAINTENANCE MANUAL BE PROVIDED TO THE BUILDING OWNER PER FBC ENERGY CODE C405.5.4.2. THE MANUALS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:

   - SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
   - OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
   - NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

6. ALL EQUIPMENT INSTALLED SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) AND/OR LISTED AND LABELED AS AN ASSEMBLY BY AN NRTL PER NEC ARTICLE 90.7.

WIRE/RACEWAY:

1. ALL CONDUCTORS SHALL BE COPPER, CONDUCTOR INSULATION SHALL BE DUAL TYPE THHN/THWN 75°C. (167°F) FOR DRY, DAMP, AND WET LOCATIONS. CONDUCTOR INSULATION WITH SINGLE TYPE MARKING THHN 90°C (194°F) MAY BE USED FOR DRY LOCATIONS ONLY. ALL CONDUCTORS SHALL BE COLOR CODED AS REQUIRED BY NEC AND FURTHER IDENTIFIED AND CODED AS SPECIFIED HEREINAFTER. COLOR CODING SHALL BE BY MEANS OF COLORED INSULATING MATERIAL, COLORED BRAID OR JACKET OVER THE INSULATION OR BY MEANS OF SUITABLE COLORED, PERMANENT, NON–AGING, INSULATING TAPE APPLIED TO CONDUCTORS AT EACH CABINET OR JUNCTION POINT. THE COLOR CODING SHALL BE ACCOMPLISHED AS THE CONDUCTORS ARE INSTALLED. THE FOLLOWING SYSTEMS OF COLOR CODING SHALL BE STRICTLY ADHERED TO:

   A) GROUND LEADS: GREEN

   B) 120/240 VOLT UNGROUNDED PHASE WIRES:
      PHASE A: BLACK
      PHASE B: RED
      NEUTRAL: WHITE

   THE COLOR CODE ASSIGNED TO EACH PHASE WIRE SHALL BE CONSISTENTLY CONSISTENTLY FOLLOWED THROUGHOUT.

2. THE CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS COMBINED SHALL BE SIZED FOR A MAXIMUM OF 5 PERCENT VOLTAGE DROP TOTAL PER FBC C405.5.3.

3. ALL INTERIOR BUILDING CONDUCTORS SHALL BE RUN IN THIN WALL CONDUIT AND THIN WALL CONDUIT SHALL BE UNDERWRITERS' APPROVED GALVANIZED ELECTRICAL METALLIC TUBING. COUPLINGS AND CONNECTORS SHALL BE STEEL COMPRESSION TYPE. ZINC OR CADMIUM PLATED. BELOW GRADE CONDUITS SHALL BE SCHEDULE 40 PVC WITH RIGID METAL ELBOWS AND RISERS. RIGID METAL CONDUIT BELOW GRADE OR IN CONCRETE SHALL BE COATED WITH BITUMASTIC OR OR SLEEVED WITH 10 MIL POLYETHYLENE. SITE CONDUITS SHALL BE ROUTED AT 36" BELOW GRADE AND CONDUITS ROUTED BELOW BUILDINGS SHALL BE AT 36". EXTERIOR CONDUITS SHALL BE RIGID GALVANIZED STEEL.

4. COMBINING OF CIRCUITS IN SAME RACEWAY, OTHER THAN THOSE INDICATED ON DRAWINGS, WILL NOT BE PERMITTED.

5. ALL RACEWAYS SHALL BE PROPERLY ALIGNED, GROUPED, AND SUPPORTED BY MECHANICAL TYPE 'CADDY' CLIPS AT INTERVALS NOT EXCEEDING 8 FEET.

6. ALL RACEWAYS WITH NO. 10 OR 12 AWG PHASE CONDUCTORS FOR RECEPTACLES, LIGHTING FIXTURES AND SIMILAR CIRCUITS SHALL BE PROVIDED WITH A PARITY SIZED GREEN EQUIPMENT GROUND CONDUCTOR. GROUND CONDUCTOR SHALL BE INSTALLED IN ENTIRE RACEWAY SYSTEM INCLUDING WALL SWITCHES AND FLEXIBLE CONDUIT TO LIGHT FIXTURES. EQUIPMENT GROUND CONDUCTOR SIZES FOR CIRCUITS WITH PHASE CONDUCTORS LARGER THAN NO. 12 AWG ARE INDICATED ON DRAWINGS. GROUND CONDUCTORS SHALL BE CONNECTED TO GROUND BUSS IN PANELBOARDS.

7. RACEWAY PENETRATIONS OF FIRE RATED WALLS AND/OR FLOORS SHALL BE SEALED TO MAINTAIN INTEGRITY OF CONSTRUCTION. ALL PRODUCTS, MATERIALS AND METHODS OF INSTALLATION SHALL BE UL APPROVED AND MEET NFPA.

FIRE ALARM:

1. THE FIRE ALARM SYSTEM SHALL COMPLY WITH ALL APPLICABLE SECTIONS OF NFPA 72 & 101.

2. THE FIRE ALARM SYSTEM SHALL BE PROVIDED WITH BATTERY BACK–UP POWER FOR 24 HOURS OF STANDBY OPERATION PLUS 5 MINUTES OF ALARM OPERATION.

3. THE FIRE ALARM SYSTEM SHALL BE AN ADDRESSABLE SYSTEM. EACH DEVICE SHALL HAVE A DEVICE ID ASSOCIATED WITH IT WITH A DESCRIPTION OF THE DEVICE FOR THE CONTROL PANEL INFORMATION SCREEN.

4. THE FIRE ALARM SYSTEM CONDUCTORS WILL BE ROUTED IN CONDUIT.

5. FIRE ALARM CONTRACTOR SHALL SUBMIT COMPLETE FIRE ALARM PLANS TO THE BUILDING DEPARTMENT AND ENGINEER FOR APPROVAL. THE PLANS SHALL INCLUDE:

   A) BATTERY CALCULATIONS
   B) COMPLETE FLOOR PLANS SHOWING EACH DEVICE WITH IT'S ASSOCIATED NUMBER/LABEL AND MANUFACTURE'S MODEL NUMBER.
   C) COMPLETE RISER AND/OR WIRING DIAGRAMS SHOWING ALL TERMINATION, DEVICES, CONDUCTOR TYPES AND QUANTITIES, AND DEVICE NUMBERS/LABELS.
   D) COMPLETE FLOOR PLANS SHOWING EACH STROBE DEVICE WITH IT'S ASSOCIATED CANDELA RATING
   E) ALL MANUFACTURE'S LITERATURE SHOWING DEVICE POWER REQUIREMENTS AND THE CLASS/STYLE OF EACH DEVICE.

6. ALL FIRE ALARM DEVICES/COMPONENTS SHALL BE UL LABELED FOR FIRE SERVICE USE.

7. PROVIDE SURGE DEVICES FOR SIGNAL AND INITIATION CIRCUITS, 120V POWER, AND INCOMING/OUTGOING COMMUNICATIONS LINES PER MANUFACTURE'S RECOMMENDATIONS.

8. PROVIDE #6 BARE COPPER CONDUCTOR FROM FACP GROUNDING TO GROUND ELECTRODE.

9. FIRE ALARM SYSTEM SHALL BE MANUFACTURED BY NOTIFIER, SIMPLEX, OR SILENT KNIGHT.

10. PROVIDE COMMUNICATION CONNECTION TO FACP THAT MEETS THE REQUIREMENTS OF 2019 NFPA 72:26.6.4.1.4.

GROUNDING:

1. THE ENTIRE ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED BY NATIONAL ELECTRICAL CODE. ALL METALLIC RACEWAYS SHALL BE MECHANICALLY AND ELECTRICALLY SECURE AT ALL JOINTS AND AT ALL BOXES, CABINETS, FITTINGS AND EQUIPMENT.

2. THE GROUNDING SYSTEM SHALL BE TESTED BY THE CONTRACTOR. THE RESISTANCE TO GROUND SHALL BE NO MORE THAN (5) OHMS. SUBMIT TEST RESULTS TO ENGINEER. CONTRACTOR SHALL MAKE UPGRADES AND ADDITIONS TO GROUNDING SYSTEM AS REQUIRED TO ACHIEVE THE (5) OHM REQUIREMENT.

3. PROVIDE NO. 6 AWG GROUND CONDUCTOR AT TELEPHONE BOARD AND CONNECTION TO THE MAIN SERVICE ENTRANCE GROUND. PROVIDE 10FT. OF SLACK AT BOARD.

OUTLET BOXES/DEVICES:

1. COORDINATE DEVICE AND COVER PLATE COLORS WITH ARCHITECT.

2. ALL OUTLET BOXES SHALL BE RIGIDLY MOUNTED AND SHALL BE EQUIPPED WITH SUITABLE SCREW FASTENED COVERS. OPEN KNOCKOUTS OR HOLES IN BOXES SHALL BE PLUGGED WITH SUITABLE BLANKING DEVICE.

3. OUTLET BOXES SHALL BE 4 INCH SQUARE x 2–1/8" DEEP. OUTLET BOXES LOCATED ABOVE THE CEILING SHALL BE LEGIBLY IDENTIFIED WITH BRANCH CIRCUIT NUMBER OF CIRCUIT TERMINATED WITHIN BY MEANS OF BLACK PERMANENT MARKER.

4. RECEPTACLES WITHIN (6) FEET OF A SINK SHALL HAVE GFCI PROTECTION.

SWITCHGEAR:

1. PANELBOARDS SHALL BE MANUFACTURED BY SQUARE 'D' COMPANY, TYPE AS SHOWN ON DRAWINGS. FURNISH WITH COPPER BUS BARS, COPPER EQUIPMENT GROUND BUS AND BOLT–ON CIRCUIT BREAKERS.

2. DISCONNECT SWITCHES SHALL BE HEAVY–DUTY TYPE AND MANUFACTURED MANUFACTURED BY SQUARE 'D' COMPANY. FUSES SHALL BE DUAL ELEMENT, CARTRIDGE TYPE. FUSES SHALL BE BY ONE MANUFACTURER: BUSSMAN "FUSETRON" OR CHASE–SHAWMUT "TRIONIC.

3. INSTALL ENGRAVED PLASTIC–LAMINATE LABELS ON EACH MAJOR UNIT OF ELECTRICAL EQUIPMENT IDENTIFYING PANELBOARD NAME OR EQUIPMENT SERVING. EXAMPLES ARE, PANELBOARDS, DISCONNECT SWITCHES, AND MOTOR STARTERS, I.E. LABELS SHALL BE 1/16" THICK BLACK PLASTIC LAMINATE WITH 3/8" WHITE CORE PLIE LETTERS.

4. PANELBOARD DIRECTORY CARDS SHALL BE TYPEWRITTEN WITH ACCURATE AND CURRENT INFORMATION BY THE CONTRACTOR AT THE END OF CONSTRUCTION.

5. MAGNETIC FULL VOLTAGE STARTERS SHALL BE SQUARE D CLASS 8536, MAGNETICALLY OPERATED WITH THREE THERMAL OVERLOAD UNITS AND FOUR AUXILIARY CONTACTS. CONTROL VOLTAGE SHALL BE 24 VOLTS SUPPLIED FROM AN INTERNAL CONTROL POWER TRANSFORMER WHERE NO OTHER SUPPLY OF CONTROL POWER IS INDICATED. HOA SWITCH SHOULD BE MOUNTED IN FRONT COVER. COMBINATION UNITS SHALL BE SQUARE D CLASS 8538 WITH THREE POLE HORSEPOWER RATED, NON–FUSIBLE DISCONNECT SWITCH INCLUDED IN THE ENCLOSURE.

6. ALL MULTI–WIRE BRANCH CIRCUIT BREAKERS ARE TO BE TIED TOGETHER BY AN IDENTIFIED HANDLE–TIE OR BY A COMMON TRIP CIRCUIT BREAKER PER NEC SECTION 210.4(B).

7. EACH MULTI–WIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES PER NEC ARTICLE 210.4(B).

8. PROVIDE ARC FLASH WARNING LABELS ON ALL SWITCHBOARDS, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS THAT REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED PER NEC ARTICLE 110.16(A). SERVICES SIZED 1200 AMPS AND LARGER SHALL REQUIRE A PERMANENT LABEL AND SHALL CONTAIN THE INFORMATION REQUIRED BY NEC ARTICLE 110.16(B).

9. PROVIDE A PERMANENT LABEL TO BE AFFIXED TO THE FRONT OF ALL SWITCHBOARDS, SWITCHGEAR, AND PANELBOARDS STATING THE MAXIMUM AVAILABLE FAULT CURRENT IN AMPS, DATE CALCULATED, NOMINAL VOLTAGE AND FREQUENCY IN HERTZ, EQUIPMENT BUS RATING IN AMPS, AND SCCR OF SERVICE EQUIPMENT IN AMPS PER NEC ARTICLES 408.6, 110.21(B)(3) & 110.24. SIGNAGE SHALL BE ENGRAVED, LAMINATED ACRYLIC OR MELAMINE LABEL, PUNCHED OR DRILLED FOR MECHANICAL FASTENERS WITH WHITE LETTERS ON A BLACK BACKGROUND MINIMUM 1/16 INCH THICK. MINIMUM LETTER HEIGHT SHALL BE ½ INCH.

LIGHTING FIXTURES:

1. THE CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE IN ALL RESPECTS ALL LIGHTING FIXTURES LISTED IN THE FIXTURE SCHEDULE.

2. THE CONTRACTOR SHALL SUBMIT CATALOG CUTS OF ALL THE FIXTURES TO THE ARCHITECT. THESE CUTS SHALL BE SUBMITTED IMMEDIATELY AFTER THE CONTRACTOR HAS RECEIVED AN APPROVED MATERIAL LIST FROM THE ARCHITECT.

3. LED FIXTURES SHALL HAVE 3500K COLOR TEMP.

4. LED DRIVERS SHALL COMPLY WITH UL STANDARD UL1012 AND SHALL HAVE CLASS A SOUND RATING.

5. ALL FIXTURES SHALL BE PROPERLY AND CAREFULLY SUPPORTED AND ALIGNED, AND THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY STEEL SHAPES, ETC., FOR SUPPORT OF FIXTURES AS REQUIRED AND DETAILED ON THE DRAWINGS. PROVIDE JUNCTION BOX STEM MOUNTED FROM DECK TO SUPPORT ALL CEILING MOUNTED EXIT LIGHTS.

6. COORDINATE ALL LOCATIONS OF LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS.

LIGHTING CONTROL:

1. PRIOR TO PASSING FINAL INSPECTION, THE CONTRACTOR SHALL HIRE AN APPROVED AGENCY, AND THEY SHALL PROVIDE EVIDENCE THAT THE LIGHTING CONTROL SYSTEMS HAVE BEEN TESTED TO ENSURE THAT CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTRUCTIONS. FUNCTIONAL TESTING SHALL BE IN ACCORDANCE WITH SECTIONS C408.3.1.1 THROUGH C408.3.1.3 FOR THE APPLICABLE CONTROL TYPE. CONTRACTOR SHALL SUBMIT REPORT TO THE REGISTERED DESIGN PROFESSIONAL FOR REVIEW.

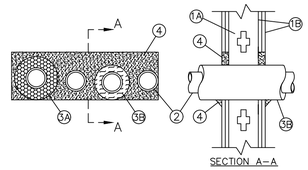
2. DOCUMENTS CERTIFYING THAT THE INSTALLED LIGHTING CONTROLS MEET DOCUMENTED PERFORMANCE CRITERIA OF SECTION C405 ARE TO BE PROVIDED TO THE BUILDING OWNER'S AUTHORIZED AGENT AND PROVIDED TO THE CODE OFFICIAL WITHIN 90 DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY PER FBC ENERGY CODE C408.3.2.

3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING LOCATIONS OF ALL UNITS AND CUT SHEETS FOR ALL DEVICES.

RATED THRU WALL PIPE PENETRATION

NTS

System No.W-L-8010
May 19, 2005
F Ratings - 1 & 2 Hr (See Item 1)
T Ratings - 1/4, 3/4, 1, 1-1/2 and 1-3/4 Hr (See Items 2 & 3)



SECTION A–A

1. Wall Assembly – The 1 or 2 hr fire–rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300, U400 or V400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

   A. Studs – Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 in. by 4 in. (51 mm to max 102 mm) lumber spaced 16 in. (406 mm) OC. Steel studs to be min 3–5/8 in. (92 mm) wide and spaced max 24 in. (610 mm) OC.
   B. Gypsum Board* – Nom 5/8 in. (16 mm) thick gypsum wallboard, as specified in the individual Wall and Partition Design. Max area of opening is 65–1/4 sq in. (421 cm2) with max dimension of 14–1/2 in. (368 mm).

The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly.

2. Through Penetrants – A max of four pipes, conduits or tubing to be installed within the opening. The space between pipes, conduits or tubing shall be min 1/2 in to max 1–5/16 in. (13 mm to max 33 mm). The space between pipes, conduits or tubing and periphery of opening shall be min 1–3/16 in. (30 mm) for uninsulated copper tubes and copper pipes (Items 2C and 2D) and 0 in. (point contact) for insulated copper tubes and copper pipes and uninsulated steel pipes and conduit (Item 2B). The space between pipes, conduits or tubing and periphery of opening shall be max 1–5/16 in. (33 mm). Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

   A. Steel Pipe – Nom 2 in. (51 mm) diam (or smaller) Schedule 5 (or heavier) steel pipe.
   B. Conduit – Nom 2 in. (51 mm) diam (or smaller) steel electrical metallic tubing or steel conduit.
   C. Copper Tubing – Nom 2 in. (51 mm) diam (or smaller) Type L (or heavier) copper tubing.
   D. Copper Pipe – Nom 2 in. (51 mm) diam (or smaller) Regular (or heavier) copper pipe.

When uninsulated steel pipe or conduit is used, T Rating is 3/4 hr and 1-1/2 hr for 1 and 2 hr rated assemblies, respectively.
When uninsulated copper tubing or pipe is used, T Rating is 1/4 hr for both 1 and 2 hr rated assemblies.

3A. Pipe Covering* (Optional) – Nom 1 in. (25 mm) hollow cylindrical heavy density glass fiber units jacketed on the outside with an all service jacket. Longitudinal joints sealed with metal fasteners or factory–applied self–sealing lap tape. Transverse joints secured with metal fasteners or with butt tape supplied with the product.

See Pipe and Equipment Covering – Materials* (BRGU) category in the Building Materials Directory for names of manufacturers. Any pipe covering material meeting the above specifications and bearing the UL Classification Marking with a Flame Spread Index of 25 or less and a Smoke Developed Index of 50 or less may be used.

When pipe covering is used on all through penetrants, T Rating is 1 hr and 1-3/4 hr for 1 and 2 hr rated assemblies, respectively.

3B. Tube Insulation - Plastics# (Optional) – Nom 3/4 in. (19 mm) thick acrylonitrile butadiene/polyvinyl chloride (AB/PVC) flexible foam furnished in the form of tubing.

See Plastics (QMFZ2) category in the Recognized Component Directory for names of manufacturers. Any Recognized Component tube insulation material meeting the above specifications and having a UL94 Flammability Classification of 94–5VA may be used.

When tube insulation is used on all through penetrants, T Rating is 3/4 hr and 1-1/2 hr for 1 and 2 hr rated assemblies, respectively.

4. Fill,Void or Cavity Material* - Caulk or Sealant – Min 5/8 in. or 1–1/4 in. (16 mm or 32 mm) thickness of fill material, for 1 or 2 hr walls, respectively, applied within the annulus, flush with both surfaces of wall. At point contact locations, a min 1/2 in. (13 mm) diam bead of fill material shall be applied at the wall/pipe and wall/pipe insulation interface on both surfaces of wall.

3M COMPANY– CP 25WB+, IC 15WB+ caulk or FB–3000 WT sealant

5. Fill,Void or Cavity Materials* - Wrap Strip (Not Shown) – Min one layer of 2 in. (51 mm) wide, nom 1/4 in. (6 mm) thick intumescent elastomeric material faced on one side with aluminum foil, required only when tube insulation (Item 3B) is used in 2 hr rated assemblies. Wrap strip tightly wrapped around tube insulation (foil side exposed) within the opening on both sides of the wall, flush with both surfaces of the wall assembly.

3M COMPANY – FS–195+

#Bearing the UL Recognized Component Mark
*Bearing the UL Classification Marking

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	MOUNTING
	2' x 4' LED FIXTURE	SEE FIXTURE SCHEDULE
	LINEAR LED FIXTURE	SEE FIXTURE SCHEDULE
	EXTERIOR WALL FLOOD LIGHT	SEE FIXTURE SCHEDULE
	LED DOWNLIGHT	SEE FIXTURE SCHEDULE
	BATTERY POWERED EMERGENCY LIGHTING UNIT	SEE FIXTURE SCHEDULE
	EXIT LIGHT WITH BATTERY PACK, WALL MTD./CEILING MTD.	SEE FIXTURE SCHEDULE
	QUAD RECEPTACLE (20A., 125V.)	M.H. 18" TO CENTERLINE
	DUPLEX RECEPTACLE (20A., 125V.)	M.H. 18" TO CENTERLINE
	DUPLEX RECEPTACLE (20A., 125V.)	M.H. 48" TO CENTERLINE UNLESS OTHERWISE NOTED
	SINGLE GANG RECESSED TV OUTLET WITH SURGE PROTECTIVE KIT. (LEGRAND TV1WTVSSW)	VERIFY WITH OWNER
	DENOTES DATA 4" SQ. RECESSED OUTLET BOX WITH (1) 1" CONDUIT STUBBED UP ABOVE CEILING AND TERMINATED WITH INSULATING BUSHING.	M.H. 18" TO CENTERLINE UNLESS OTHERWISE NOTED
	DENOTES DATA 4" SQ. RECESSED OUTLET BOX WITH (1) 1" CONDUIT STUBBED UP ABOVE CEILING AND TERMINATED WITH INSULATING BUSHING.	MOUNT ABOVE COUNTER
	RECESSED FLOOR BOX WITH POWER AND DATA CONNECTION, LEGRAND OMNI SERIES WITH BRASS COVERS AND TRIM.	FLUSH IN FLOOR
TV	DENOTES TELEVISION 4" SQ. RECESSED OUTLET BOX WITH (2) 1 1/4" CONDUITS STUBBED UP ABOVE ACCESSIBLE CEILING AND TERMINATED WITH INSULATING BUSHING. U.O.N.	M.H. 60" TO CENTERLINE UNLESS OTHERWISE NOTED
CR	DENOTES CARD READER WEATHER–PROOF RECESSED OUTLET BOX WITH 3/4" CONDUIT STUBBED UP ABOVE ACCESSIBLE CEILING. SEE DETAIL ON SHEET E–102.	M.H. 42" TO CENTERLINE UNLESS OTHERWISE NOTED
KP	DENOTES SECURITY KEYPAD RECESSED WEATHER–PROOF OUTLET BOX WITH 3/4" CONDUIT STUBBED UP ABOVE ACCESSIBLE CEILING AND TERMINATED WITH INSULATING BUSHING. U.O.N.	M.H. 42" TO CENTERLINE UNLESS OTHERWISE NOTED
USB	DENOTES RECEPTACLE WITH (2) USB CHARGING PORTS	
GFI	DENOTES GROUND FAULT INTERRUPTER TYPE RECEPTACLE	
WR	DENOTES WEATHER–RESISTANT RECEPTACLE	
WP	DENOTES RECEPTACLE WITH DIECAST ALUMINUM 'IN–USE' COVER.	
M	MOTORIZED DAMPER.	
J / J	JUNCTION BOX OR OUTLET BOX, 4" SQUARE BOX UNLESS OTHERWISE NOTED	ABOVE CEILING / WALL
	FUSED DISCONNECT SWITCH	M.H. 6'–6" MAX. TO TOP
	120/208V. 3ø, 4W. POWER PANELBOARD	M.H. 6'–6" MAX. TO TOP
	LOW VOLTAGE CABLE	SUPPORT EVERY 4FT ABOVE CEILING
	RACEWAY CONCEALED IN WALL OR CEILINGS	SEE GENERAL NOTES
	RACEWAY CONCEALED UNDER FLOOR OR BENEATH GRADE	SEE GENERAL NOTES
	RACEWAY SURFACE MOUNTED ON WALL OR CEILING	SEE GENERAL NOTES
L1–1,3	HOMERUN TO PANEL, LETTERS INDICATE PANEL, NUMBERS INDICATE CIRCUIT. NOTE: ANY CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A TWO WIRE & EQUIP. GROUND CIRCUIT. A GREATER NUMBER OF WIRES IS INDICATED AS SHOWN: (3 WIRES & EQUIPMENT GROUND), (4 WIRES & EQUIPMENT GROUND), ETC.	AS NOTED
F	FIRE ALARM MANUAL STATION	WALL SURFACE M.H. 40" TO BOTTOM
L	FIRE ALARM VISUAL DEVICE	MOUNT FLASHING LIGHT AT 80" A.F.F. TO BOTTOM OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER
F	FIRE ALARM AUDIO / VISUAL DEVICE	MOUNT FLASHING LIGHT AT 80" A.F.F. TO BOTTOM OR 6 INCHES BELOW CEILING, WHICHEVER IS LOWER
S	FIRE ALARM SMOKE DETECTOR	CEILING SURFACE
H	FIRE ALARM HEAT DETECTOR	CEILING SURFACE
FARA	FIRE ALARM REMOTE ANNUNCIATOR	FLUSH IN WALL
FACP	FIRE ALARM CONTROL PANEL	SURFACE WALL

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DONALD J. NEWMAN
FLORIDA REG. NO. 82387

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

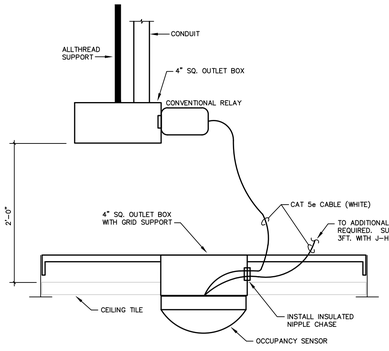
PROJECT MGR.: DJN

#	DATE	ISSUED AS
CD	02.26.25	100% CD
CD	04.22.25	OWNER COMMENTS

NEWPOWER CONSULTING, INC
15520 HIGH BELL PL, BRADENTON FL 34212
PH: 813.489.9850, COA#32011
ENGINEERING

ELECTRICAL SYMBOL LEGEND

E-101



(OC) P OCCUPANCY SENSOR CEILING MOUNT DETAIL

NOT TO SCALE

OCCUPANCY SENSOR SETTING NOTE:

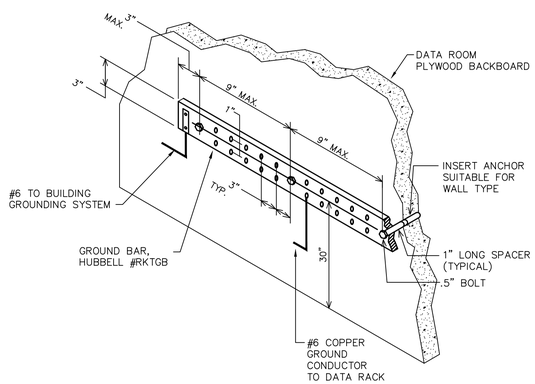
1. ALL SENSORS IN EGRESS AREAS SHALL BE SET AT 20 MINUTES. COORDINATE REMAINING SENSOR SETTINGS WITH FACILITIES MANAGER.
2. CONTRACTOR TO SUBMIT MANUFACTURER'S SHOP DRAWINGS (1/8" SCALE) SHOWING DEVICES LOCATIONS AND DESCRIPTIONS.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	MOUNTING	VOLT	LAMP	REMARKS
A	METALUX	24CGT3540C	LAY IN GRID	UNV	40W LED	2X4 DIMMABLE FLAT PANEL LED FIXTURE
AE	METALUX	24CGT3540C-EMB	LAY IN GRID	UNV	40W LED	2X4 DIMMABLE FLAT PANEL LED FIXTURE WITH EMERGENCY DRIVER
B	NEORAY	GUV125DIP-C375D835-C4JBB4F0-2-UDD-F-R-W-WAA	SURFACE AT 9'-0" AFF TO BOTTOM	UNV	42W LED	4FT LINEAR FIXTURE SUPPORTED FROM STRUCTURE
C	TERON LIGHTING	CDSQ-L20.0-LT500-BZ-40K	WALL MOUNTED AT 7'-6" AFG	UNV	20W LED	EXTERIOR RATED WALL PACK
CE	TERON LIGHTING	CDSQ-L20.0-LT500-BZ-40K-EB5	WALL MOUNTED AT 7'-6" AFG	UNV	20W LED	EXTERIOR RATED WALL PACK WITH INTEGRAL EMERGENCY DRIVER
D	HALO	HC6-10-HM6-0525-840	RECESSED	120	15W LED	6" DIA LED DOWNLIGHT
DS	HALO	HC6-10-HM6-0525-840-SHOWER LENS	RECESSED	120	15W LED	6" DIA DOWNLIGHT WITH SHOWER LENS
EM	SURELITES	SEL25	WALL MOUNT 7'-6"	120	LED	EMERGENCY LIGHTING WALL PACK WITH BATTERY BACKUP
F	METALUX	4SNLED-LD5-37SL-LC-UNV-L835-CD1-U	SUSPENDED AT 9FT AFF	120	28W LED	LED STRIP FIXTURE
G	METALUX	AVT2-LD5-6-DR100-W-UNV-L840-SSL-WL	SURFACE	120	100W LED	4FT VAPORTITE 6000 LUMEN LINEAR FIXTURE WITH IMPACT LENS
H	QTRAN LED	SW24/4.0-DMP-40-324/95-(LENGTH AS SHOWN)	UNDER LAB CABINETRY	UNV	4W/FT LED	DAMP RATED FIELD TRIMMABLE, DIMMABLE LED TAPE MOUNTED IN WIDE ALUMINUM EXTRUSION
X	SURELITES	APX7-R	SURFACE CEILING OR WALL ABOVE DOOR FRAME AS SHOWN	120	LED	THERMOPLASTIC EXIT SIGN

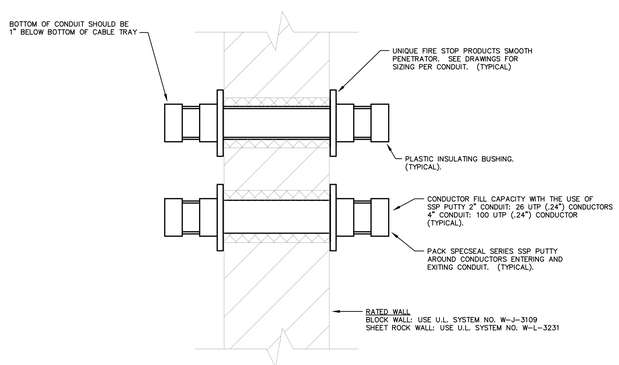
LIGHTING CONTROL SYMBOL LEGEND

S	SINGLE POLE SWITCH (20 AMP)	FLUSH IN WALL M.H. 40" TO BOTTOM
S3	3-WAY SWITCH (20 AMP)	FLUSH IN WALL M.H. 40" TO BOTTOM
SD OC	WALL MOUNTED LINE VOLTAGE DIMMER AND DUAL-TECH OCCUPANCY SENSOR	FLUSH IN WALL M.H. 40" TO BOTTOM
S # LD	LOW VOLTAGE, LED DIMMER CONTROL. NUMBER DENOTES QUANTITY OF ZONES.	FLUSH IN WALL M.H. 40" TO BOTTOM
S L	LOW VOLTAGE SWITCH.	FLUSH IN WALL M.H. 40" TO BOTTOM
SOC	WALL MOUNTED LINE VOLTAGE DUAL-TECH OCCUPANCY SENSOR	FLUSH IN WALL M.H. 40" TO BOTTOM
(OC)	LOW VOLTAGE CEILING MOUNTED DIRECTIONAL OCCUPANCY SENSOR	CEILING SURFACE
(OC) LV	LINE VOLTAGE CEILING MOUNTED DIRECTIONAL OCCUPANCY SENSOR	BOX SURFACE
P	DIGITAL OCCUPANCY SENSOR POWER PACK RELAY	SEE DETAIL THIS SHEET
P D	DIGITAL OCCUPANCY SENSOR DIMMER POWER PACK RELAY	SEE DETAIL THIS SHEET



DATA BACKBOARD GROUND BAR DETAIL

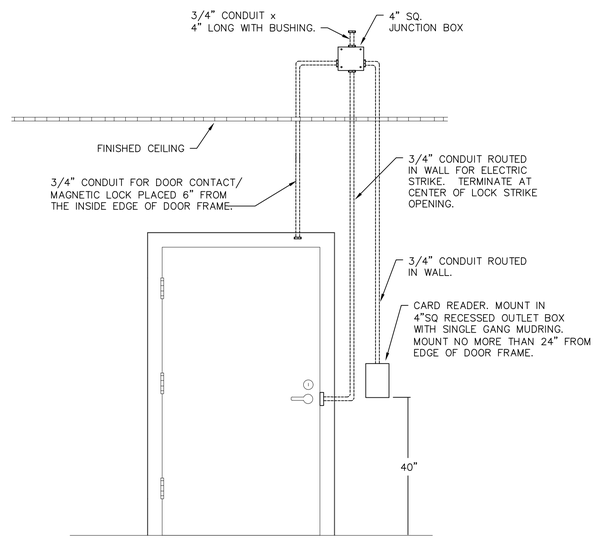
NOT TO SCALE



CONDUIT PENETRATION OF WALL

N.T.S.

NOTE: IF UNIQUE FIRE STOP PRODUCTS ARE NOT USED, CONTRACTOR MUST SUPPORT CONDUITS ON BOTH SIDES OF WALL BEING PENETRATED WITH KINDORF.



TYPICAL DOOR CONTROL WITH CARD READER

NO SCALE

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DONALD J. NEWMAN
FLORIDA REG. NO. 82387

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: DJN

#	DATE	ISSUED AS
CD	02.26.25	100% CD
CD	04.22.25	OWNER COMMENTS

ELECTRICAL SCHEDULES & DETAILS

E-102

NEWPOWER CONSULTING, INC
15520 HIGH BELL PL BRADENTON FL 34212
PH: 813.489.9850. COA#32011
ENGINEERING

PANEL A VOLTAGE 120 / 240 V SIZE 400A MLO CABINET SURFACE NEMA-1
PHASE 1 PH 400A BUS RATING 22,000 AIC RATED
3 W

NOTES	REMARKS	CKT.BKR. AMPS	P	VA PHASE LOAD A	VA PHASE LOAD B	CKT #	BUS A	BUS B	BUS CKT #	VA PHASE LOAD A	VA PHASE LOAD B	CKT.BKR. AMPS	P	REMARKS	NOTES
	INTERIOR LIGHTING	20	1			1	X		2	900		20	1	TESTING RECEPT.	
	INTERIOR LIGHTING	20	1			3		X	4		900	20	1	TESTING RECEPT.	
	EXTERIOR LIGHTING	20	1			5	X		6	900		20	1	TESTING RECEPT.	
	EXTERIOR LIGHTING	20	1			7		X	8		900	20	1	TESTING RECEPT.	
	GENERAL RECS.	20	1	720		9	X		10	4128		50	2	AHU-1	
	GENERAL RECS.	20	1		720	11		X	12		4128				
	EXTERIOR RECS.	20	1	540		13	X		14	4128		50	2	AHU-2	
GFI	ICE MACHINE RECEPTACLE	20	2		1200	15		X	16		4128				
				1200		17	X		18	3648		40	2	AHU-3	
GFI	WASHBAR	20	1		1200	19		X	20		3648				
GFI	WASHBAR	20	1	1200		21	X		22	3264		60	2	CU-1	
GFI	EWC RECEPT.	20	1		800	23		X	24		3264				
	ROCK CRUSHER	20	2	1200		25	X		26	3264		60	2	CU-2	
					1200	27		X	28		3264				
GFI	REFRIGERATOR	20	1	1200		29	X		30	1920		35	2	CU-3	
	COUNTER REC.	20	1		900	31		X	32		1920				
	COUNTER REC.	20	1	900		33	X		34	840		15	2	CCU-1	
	BREAK RECEPTS.	20	1		900	35		X	36		840				
	BREAK RECEPTS.	20	1	900		37	X		38			20	1	SPARE	
	BREAK RECEPTS.	20	1		600	39		X	40			20	1	SPARE	
RBL	FACP	20	1	600		41	X		42			20	1	SPARE	
	DATA RECEPT.	20	1		600	43		X	44			20	1	SPARE	
	DATA RECEPT.	20	1	600		45	X		46			20	1	SPARE	
	OFFICE RECEPTS.	20	1		900	47		X	48				1	SPACE	
	OFFICE RECEPTS.	20	1	900		49	X		50				1	SPACE	
	OFFICE RECEPTS.	20	1		900	51		X	52				1	SPACE	
	STAFF RECEPTS.	20	1	900		53	X		54				1	SPACE	
	STAFF RECEPTS.	20	1	900		55	X		56				1	SPACE	
	TESTING RECEPTACLE	20	2			57		X	58				1	SPACE	
						59	X		60				1	SPACE	
	TESTING RECEPTACLE	30	2			61		X	62				1	SPACE	
						63	X		64				1	SPACE	
	TESTING RECEPTACLE	30	2			65		X	66				1	SPACE	
						67	X		68				1	SPACE	
	TESTING RECEPT.	20	1		900	69		X	70		800	20	2	HEF-1	
	TESTING RECEPT.	20	1	900		71	X		72	800					
	TESTING RECEPT.	20	1		900	73		X	74		1300	30	2	HSF-1	
	TESTING RECEPT.	20	1	900		75	X		76	1300					
	TESTING RECEPT.	20	1		900	77		X	78		4000	50	2	WH-1	
	TESTING RECEPT.	20	1	900		79	X		80	4000					
	TESTING RECEPT.	20	1		900	81		X	82			30	2	SURGE PROTECTION	
	TESTING RECEPT.	20	1	900		83	X		84						
	TOTAL			15360	13520					29092		29092	TOTAL		

GFI = GROUND FAULT INTERRUPTER TYPE.
RBL = INSTALL RED BREAKER LOCK.

TABULATION	TOTAL LOAD	DEMAND FACTOR	DEMAND LOAD
MEASURED			
LIGHTING			
COOLING	18576		
HEATING	23808	1.00	23808
RECEPTACLE	28080	0.68	19040
MISCELLANEOUS	16600	1.00	16600
LARGEST MOTOR			
TOTAL DEMAND LOAD		59448 VA	
TOTAL DEMAND AMPS		247.7 A	

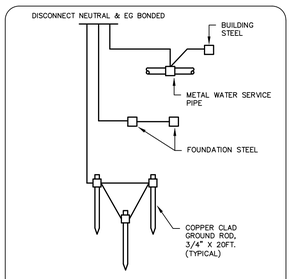
######
####

MAXIMUM
AVAILABLE FAULT
##,### AMPS
(DATE)

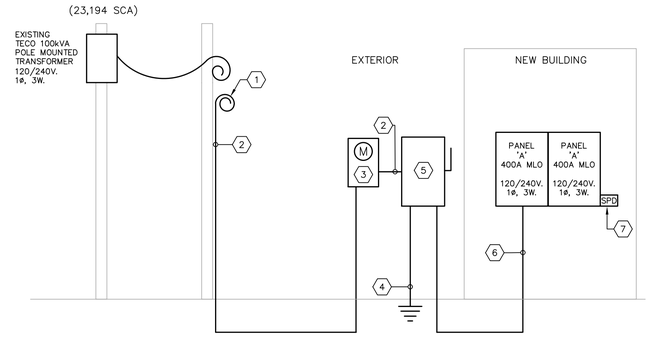
120/240V.
1ø, 3W.

FAULT PLACARD DETAIL
NTS

NOTES:
1. PROVIDE INSTALL ENGRAVED PLASTIC LAMINATE SIGN PER NEC 408.6 AND 110.21(B)(3). PROVIDE WEATHER-RESISTANT 1/8" THICKNESS ENGRAVING STOCK MELAMINE PLASTIC LAMINATE, SIZE AS REQUIRED WITH 1/8" THICKNESS, ENGRAVED WITH 3/16" LETTER STYLE AND WORDING INDICATED, BLACK FACE AND WHITE CORE PLIES (LETTER COLOR) INDICATED, PUNCHED FOR MECHANICAL FASTENING. SECURE WITH SELF TAPPING STAINLESS STEEL SCREWS.



GROUNDING DETAIL
N.T.S.



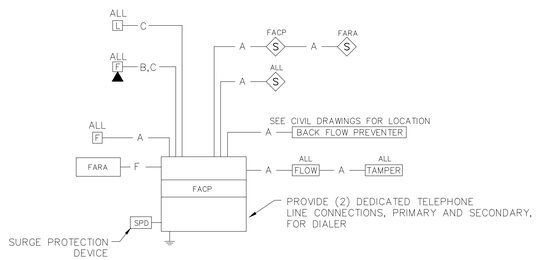
POWER RISER DIAGRAM
N.T.S.

RISER DIAGRAM NOTES:
1. COORDINATE CONNECTION WITH TECO.
2. 3 NO. 500 KMCIL – 3"C.
3. 400A. FEED THRU METER PER TECO REQUIREMENTS. INSTALL GROUNDING PER TECO STANDARDS.
4. NO. 1/0 COPPER GROUND ELECTRODE CONDUCTOR. SEE SERVICE GROUNDING DETAIL THIS SHEET.
5. SERVICE RATED 400A.–2P. DISCONNECT SWITCH IN NEMA–3R ENCLOSURE FUSED AT 400 AMPS.
6. 3 NO. 500 KCMIL AND 1 NO. 3 E.G. – 3"C.
7. SURGE PROTECTION DEVICE, 80kA PQ PLUS PROTECTION.

FAULT STUDY

XFMR AFC 23194
VOLTAGE 240

NODES	D/S	PNL A
I_{SCA}	23194	16590
length	55	15
wire size	500	500
C VALUE	26706	26706
sets	1	1
f	0.3981	0.0776517
M	0.7153	0.9279
FAULT	**16590**	**15395**



FIRE ALARM RISER DIAGRAM
NTS

FIRE ALARM SYSTEM – WIRING SCHEDULE				
	CONDUCTORS	DESCRIPTION	SLC/NAC	CLASS/STYLE
A	2C #18 SHIELDED TWISTED PAIR	ADDRESSABLE INITIATION DEVICES	SLC	CLASS B
B	(2) #14 AWG THHN	AUDIBLE DEVICE	NAC	STYLE Y
C	(2) #14 AWG THHN	VISUAL DEVICE	NAC	STYLE Y
D	(2) #14 AWG THHN	AHU & FAN SHUTDOWN RELAY	SLC	CLASS B
E	2C #18 SHIELDED TWISTED PAIR	NOT USED	SLC	CLASS B
F	2C #16 SHIELDED TWISTED PAIR (2) #16 AWG THHN	FIRE ALARM REMOTE ANNUNCIATOR	SLC	CLASS B

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DONALD J. NEWMAN
FLORIDA REG. NO. 82387

INSPECTION AND TESTING BUILDING
FOR POLK COUNTY ROADS &
DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

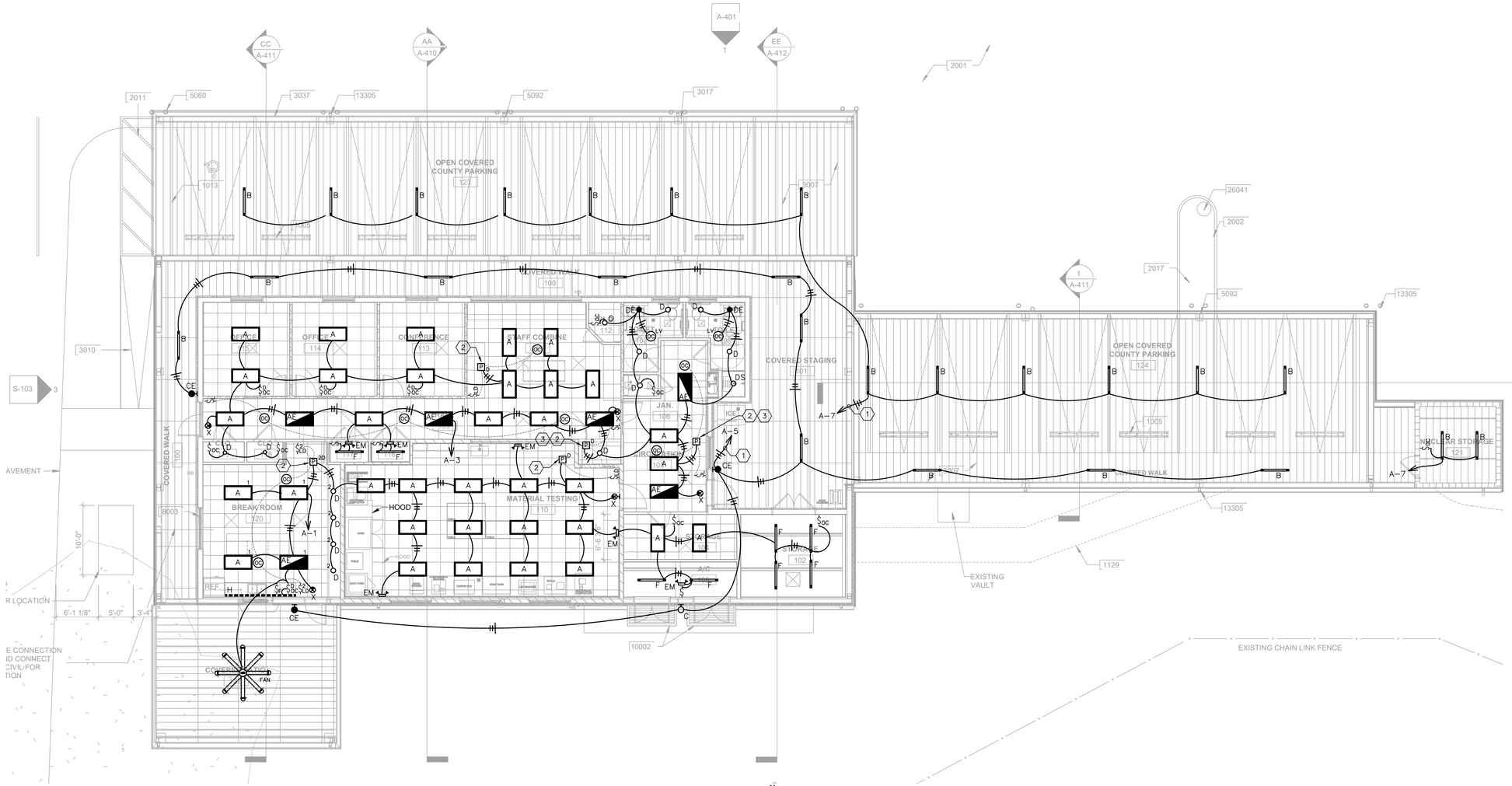
PROJECT MGR.: DJN

#	DATE	ISSUED AS
CD	02.26.25	100% CD
CD	04.22.25	OWNER COMMENTS

RISER DIAGRAMS

E-201

NEWPOWER CONSULTING, INC
15520 HIGH BELL PL. BRADENTON FL 34212
PH: 813.489.9850. COA#32011
ENGINEERING



LIGHTING PLAN

SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. SEE SHEET E-102 FOR LIGHTING FIXTURE SCHEDULE.

B. CONNECT EMERGENCY LIGHTING BATTERY PACKS, NIGHT LIGHTS AND EXIT LIGHTS TO UNSWITCHED LEG OF LIGHTING CIRCUIT.

C. SWITCHES AND DIMMERS SHOWN SHALL OVERRIDE "OFF" OCCUPANCY SENSOR CONTROL.

DRAWING NOTES:

1. ROUTE CIRCUIT VIA LIGHTING CONTROL PANEL MOUNTED IN ELEC. RM. CONNECT TO ROOM 120V RECEPTACLE FOR POWER. PROVIDE/INSTALL EXTERIOR PHOTOCELL CONNECTION.
2. RELAY SHALL BE MOUNTED IN ELECTRICAL ROOM FOR MAINTENANCE PURPOSES.
3. CONNECT RELAY TO FIRE ALARM SYSTEM FOR OCCUPANCY SENSOR OVERRIDE.

STRAUGHN TROUT ARCHITECTS

2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3601

PH: (863) 665-6205
StraughnTrout.com

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DONALD J. NEWMAN
FLORIDA REG. NO. 82387

INSPECTION AND TESTING BUILDING
FOR POLK COUNTY ROADS &
DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

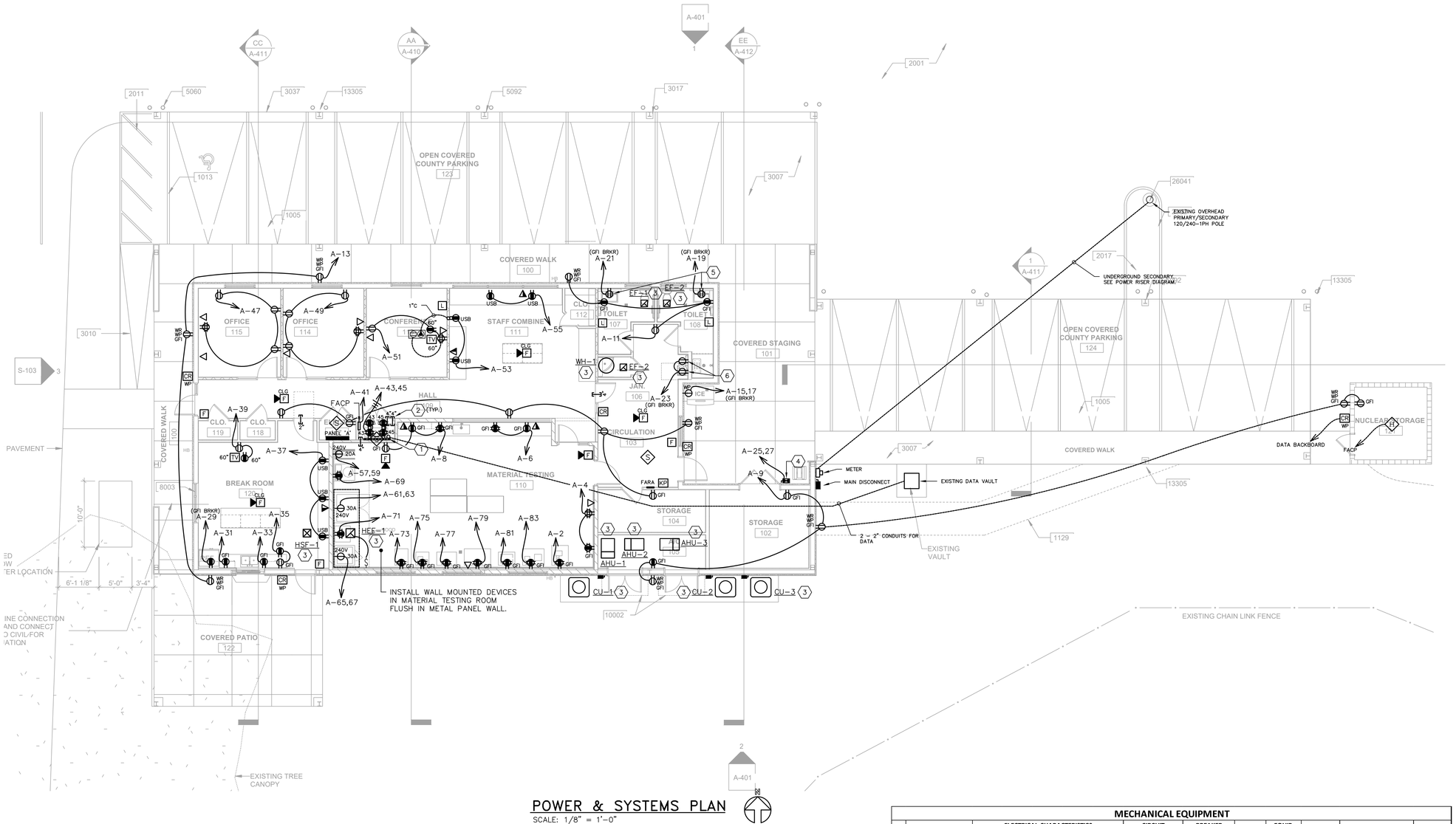
PROJECT MGR.: DJN

#	DATE	ISSUED AS
CD	02.26.25	100% CD
CD	04.22.25	OWNER COMMENTS

LIGHTING PLAN

E-301

NEWPOWER CONSULTING, INC
15520 HIGH BELL PL, BRADENTON FL 34212
PH: 813.489.9850. COA#32011
ENGINEERING



POWER & SYSTEMS PLAN

SCALE: 1/8" = 1'–0"

GENERAL NOTES:

A. COORDINATE MOUNTING HEIGHTS OF DEVICES ABOVE COUNTERS WITH ARCHITECTURAL MILLWORK ELEVATIONS.

B. GFCI RECEPTACLES SHALL BE MOUNTED IN ACCESSIBLE LOCATION.

DRAWING NOTES:

1. DATA/TELEPHONE BOARD. SEE GROUNDING ON SHEET E–102.
2. SLEEVING FOR DATA. SIZE NOTED. SEE DETAIL ON SHEET E–102.
3. SEE MECHANICAL SCHEDULE THIS SHEET FOR POWER REQUIREMENTS.
4. 208V–1ø, NEMA–1 STARTER/DISCONNECT WITH NEMA–3R ENCLOSURE AND CONNECTION TO ROCK CRUSHER. STARTER TO HAVE PUSHBUTTON ON/OFF BUTTONS.
5. RECEPTACLE FOR WASHBAR. COORDINATE LOCATION WITH WASHBAR SPECIFICATIONS.
6. RECEPTACLES FOR WATER FOUNTAIN. COORDINATE LOCATIONS WITH WATER FOUNTAIN SPECIFICATIONS.

MECHANICAL EQUIPMENT

DESCRIPTION	ELECTRICAL CHARACTERISTICS					CIRCUIT	BREAKER		FEEDER	EQUIP. GROUND	CONDUIT	DISCONNECT SWITCH	REMARKS
	VOLTS	PHASE	KW	HP	MCA	DESIGNATION	AMPS	POLES					
AHU-1	240	1			43.0	A-10,12	50	2	(2) #6	#10	3/4"	60A/2P/NF/NEMA-1	
AHU-2	240	1			43.0	A-14,16	50	2	(2) #6	#10	3/4"	60A/2P/NF/NEMA-1	
AHU-3	240	1			38.0	A-18,20	40	2	(2) #8	#10	3/4"	60A/2P/NF/NEMA-1	
CU-1	240	1			34.0	A-22,24	60	2	(2) #6	#10	3/4"	60A/2P/F/NEMA-3R	NOTE #1
CU-2	240	1			34.0	A-26,28	60	2	(2) #6	#10	3/4"	60A/2P/F/NEMA-3R	NOTE #1
CU-3	240	1			20.0	A-30,32	35	2	(2) #8	#10	3/4"	60A/2P/F/NEMA-3R	NOTE #1
A/C-1	240	1			1.0	NOTE #3			(2) #12	#12	3/4"	30A/3P/NF/NEMA-1	
CCU-1	240	1			7.0	A-34,36	15	3	(2) #12	#12	3/4"	30A/2P/F/NEMA-3R	NOTE #1
HEF-1	240	1		3/4		A-70,72	20	2	(2) #12	#12	3/4"	MOTOR RATED TOGGLE	
HSF-1	240	1		1.675		A-74,76	30	2	(2) #10	#10	3/4"	30A/2P/NF/NEMA-1	
EF-1	120	1	0.08			NOTE #2			(2) #12	#12	1/2"	TOGGLE DISCONNECT	
EF-2	120	1	0.08			NOTE #2			(2) #12	#12	1/2"	TOGGLE DISCONNECT	
EF-3	120	1	0.08			NOTE #2			(2) #12	#12	1/2"	TOGGLE DISCONNECT	
WH-1	208	1	8			A-78,80	50	2	(2) #6	#10	3/4"	60A/2P/NF/NEMA-1	

NOTES:
1. FUSE DISCONNECT PER UNIT NAMEPLATE MFS OR MOCP.
2. CONNECT TO SWITCHED LEG OF ROOM LIGHTING CIRCUIT.
3. UNIT FED FROM CCU-1.

STRAUGHN TROUT ARCHITECTS

2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3601

PH: (863) 665-6205
StraughnTrout.com

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DONALD J. NEWMAN
FLORIDA REG. NO. 82387

INSPECTION AND TESTING BUILDING
FOR POLK COUNTY ROADS &
DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: DJN

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CD	04.22.25	OWNER COMMENTS

POWER & SYSTEMS PLAN

E-401

NEWPOWER
CONSULTING, INC
15520 HIGH BELL PL. BRADENTON FL 34212
PH: 813.489.9850. COA#32011
ENGINEERING

November 10, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 1
BID # 25-614, Construction of a New Inspection & Testing Building

---

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: questions/answers, ***"Bid 25-614, Addendum 1"*** attachment added to FTP Site and bid receiving date extension.

The Bid Receiving Date has been extended two (2) weeks. The revised Bid Receiving Date is Wednesday, December 3, 2025, prior to 2:00 p.m.

To receive a copy of the Addendum 1 attachment please go the following FTP site: https://ftp3.polk-county.net, you will be prompted for a User ID and Password. The User ID is procurevendor and the password is solicitation. After you have logged in to the FTP site, double click on the file folder "Bid 25-614, Bid Attachments", select "Open" or "Save As" to download the Addendum document. If you need assistance accessing this website due to ADA or any other reason, please email Tabatha Shirah at tabathashirah@polkfl.gov.

Addendum 2 forthcoming.

Respectfully,

Tabatha Shirah
Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature _____
Printed Name: _____
Title: _____
Company: _____

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 1

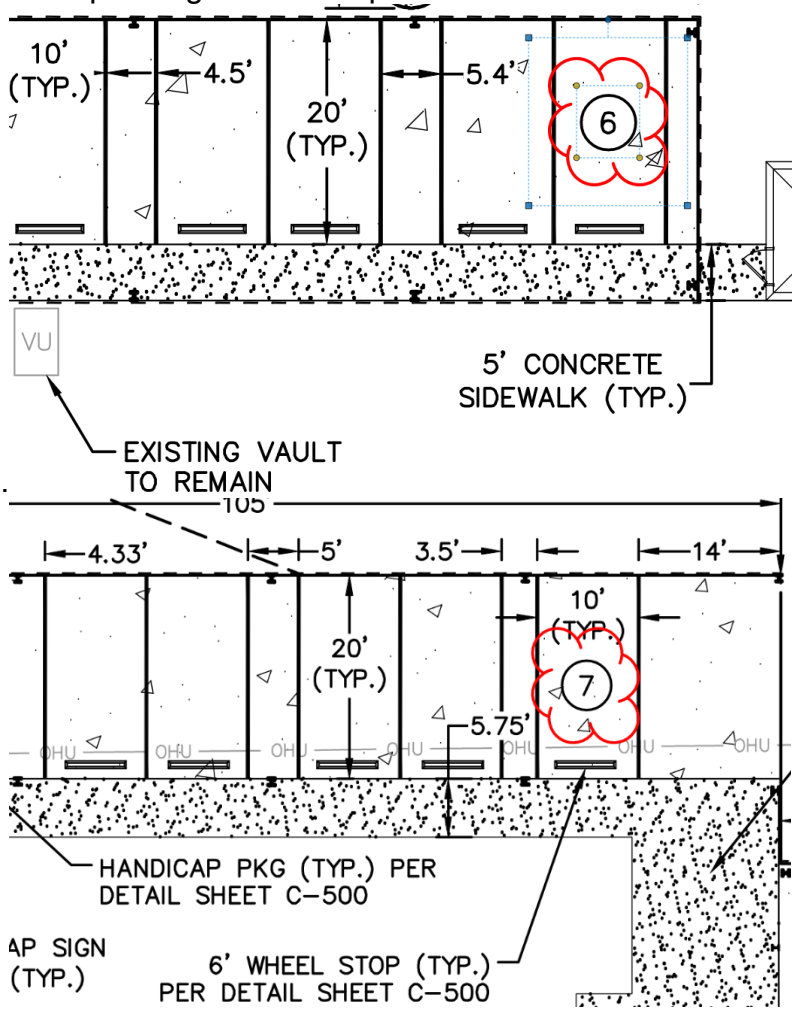
Q1: Specifications - page 3, say to see drawings for Division 27 and 28. The drawings do not have any specifications for Div. 27 and 28, does the County have a Specified Vendor or Manufacturer for these Divisions?

A1: These divisions have been incorporated into the drawings. No formal spec. for these divisions.

Q2: Request that Star Building Systems be an approved manufacturer for Specification 133419 Metal Building Systems? Star Building Systems can meet all other aspects of the specification and provide the specified Insulated wall and roof panels. The existing Traffic Engineering Operations building at the site is manufactured by Star Building Systems.

A2: Response to be provided in forthcoming Addendum No. 2. Substitution is currently under review.

Q3: Sheet C-100 has note callouts 6 & in between some parking spaces, but there are no corresponding notes to explain what these mean. Please provide the notes.



A3: The number identifies the number of parking spaces.

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 1

Q4: Sheet G-003 note 18 says “all exposed steel shall be painted unless otherwise noted.” Is this to be done in the manufacturing process by the PEMB manufacturer or is this to be done during the construction process?
A4: Any exposed steel is to be field painted as per the specification section 099113,3.6,C.

Q5: Is there a weathertightness warranty on the PEMB?
A5: Specification section 133419,2.2,A thru J identifies “Metal Bldg. Performance Requirements” for this project.

Q6: The plans show for two trees to be removed, but during the site walk, we noticed they were already gone and only the stumps remain. Are we to grind the stumps or leave as is?
A6: Leave as is.

Q7: The basis of design for this building is Metallic, will you accept Schulte Building Systems, Varco Pruden, Whirlwind, Dean, Nucor and Butler as approved equals?
A7: Response to be provided in forthcoming Addendum No. 2. Substitution is currently under review.

Q8: Are we installing the existing equipment that is listed on A-112D?
A8: Owner will be responsible for coordinating the relocation of the lab equipment and all required utilities are by the contractor.

Q9: Sheet A-602 mentions “window per schedule”, but we could not find a window schedule on the plans. Can a window schedule be provided?
A9: “Schedule” relates to sheet A601 that identifies exterior and interior windows for this project.

Q10: Page 042200 - 6 of the spec book calls out ASTM C90 block, which typically has a net compressive strength of 2000 PSI. However, the spec book also calls for 2800 PSI. Please confirm what PSI is needed.
A10: The specifications are to be followed as 2800 PSI.

Q11: Page 042200 – 5 calls for integral water repellant. Preformed precast will not have a water repellent additive.
A11: This refers to CMU not pre-cast.

Q12: The basis of design for storefront is Kawneer, YKK or equal. Will you accept Oldcastle and Trulite as equals?
A12: Response to be provided in forthcoming Addendum No. 2. Substitution is currently under review.

Q13: Are straight columns required?
A13: Yes.

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 1

Q14: Is there a dedicated landscape or irrigation scope included in this project? If so, please provide the missing landscape/irrigation drawings or identify where those requirements are located in the technical specifications. If no landscape or irrigation scope is intended, please confirm that final site restoration (grading, sod, and irrigation repair) is to be included under the sitework/civil contractor's scope only.

A14: Contract shall provide and install Bahia sod in all disturbed work areas. Contractor shall provide temporary initial hand watering of the sod for 2 weeks after installation. Sod shall be in good quality condition when installed with tightly abutted joints and proof rolled in an overlapping fashion in two opposing directions creating a smooth level condition.

Revision 1

See FTP Site for Sheet A-803, revised sheet with Lavatory section details.

STRAUGHN TROUT
ARCHITECTS

2005 E. EDGEWOOD DRIVE LAKELAND, FL 33803 863.665.6205 LIC. NO. AR96576

ADDENDUM NO. 001

PROJECT:
New Inspections & Testing Building
For Polk County Roads and Drainage
PCBCC
300 Sheffield Road
Winter Haven, Florida 33880

DATE OF ISSUANCE: NOVEMBER 4, 2025

ARCHITECT PROJECT NUMBER: 2306

INSTRUCTIONS:
1. This Addendum shall be included as part of the original Construction Documents and the work required therein.
2. All work performed under this addendum shall be subject to the requirements of the Specifications and the Drawings for the work of this Project.
3. Submit written acknowledgement of receipt, understanding, and incorporation of all items of this addendum into the RFQ Submittal Package.

GENERAL NOTES

SPECIFICATIONS

1. Section 01400 Quality Requirements - Add the following paragraph,

   D. The General Contractor is required to submit a Site-Specific Safety Plan (SSSP) required by the County's Risk Management Division.

   2. Section 133419 Metal Building Systems

   As stated in Part ,2.1,B this specification is based equal to "Metallic Building Systems". Any

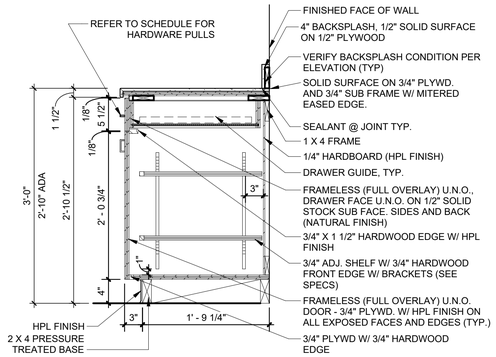
   PEMB manufacturer is encouraged to provide their product for this project.

DRAWINGS

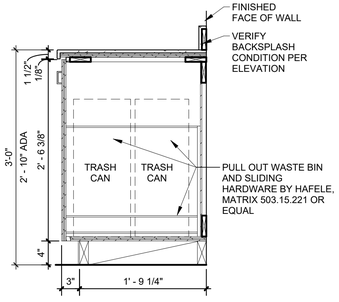
1. **Sheet A-803**

   See attached revised sheet with Lavatory section details and manufactured rough-in drawings.

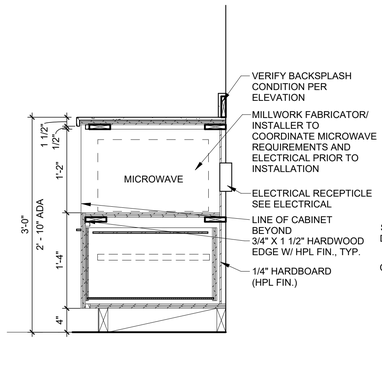
END OF ADDENDA



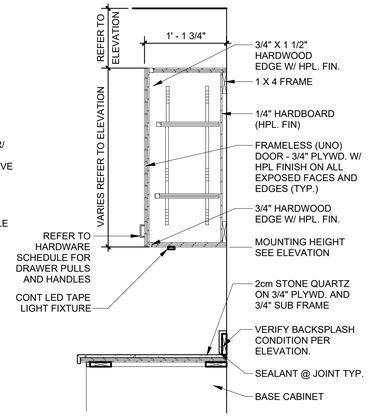
1 TYPICAL BASE CABINET
1" = 1'-0"



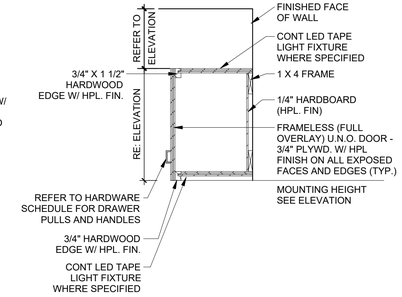
2 BASE CABINET - WASTE BIN
1" = 1'-0"



5 BASE CABINET - MICROWAVE
1" = 1'-0"



3 UPPER CABINET TYPICAL
1" = 1'-0"



4 UPPER CABINET - SHORT
1" = 1'-0"

GENERAL NOTES

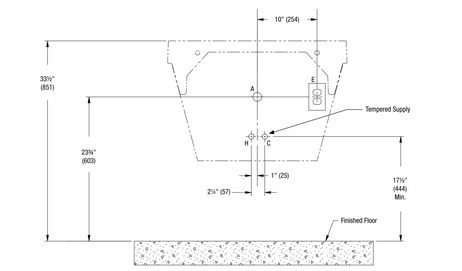
KEYNOTES

5004	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL DRAWINGS.
5100	3-5/8" STEEL STUD FRAMING @ 16" O.C.
5101	6" STEEL STUD FRAMING @ 16" O.C.
5106	8" STEEL STUD FRAMING @ 16" O.C.
5107	2 1/2" 18GA GALVANIZED METAL STUD.
6129	3/4" PT PLYWOOD.
6130	3/4" SOLID SURFACE COUNTER WITH UV COATING FOR EXTERIOR USE.
9032	5/8 IN. GYPSUM SHEATHING - TYPICAL.
10064	57 IN. X 42 IN. MIRROR CENTERED OVER WALL HUNG LAVATORY - TYPICAL. MOUNT WITH BOTTOM OF FRAME AT 44 IN. AFF.
13318	INTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
22050	BRADLEY LAVATORY W/ SOAP DISPENSER & HAND DRYER.

LVQD1
Verge® with WashBar® Technology – LVQ-Series

Plumbing and Electrical Rough-Ins for LVQD1 Wash Basin **(mm)**

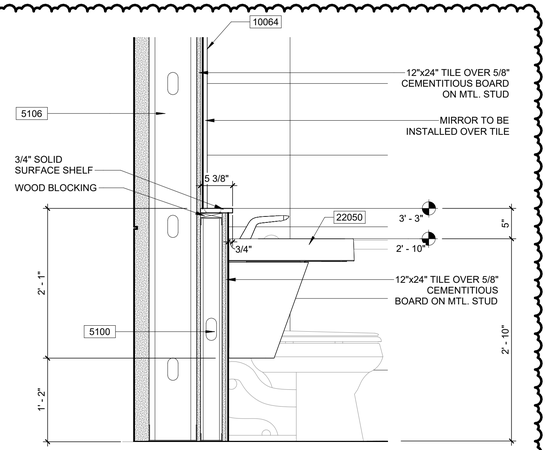
☑ Mounting for Standard ADA and TAS height shown.



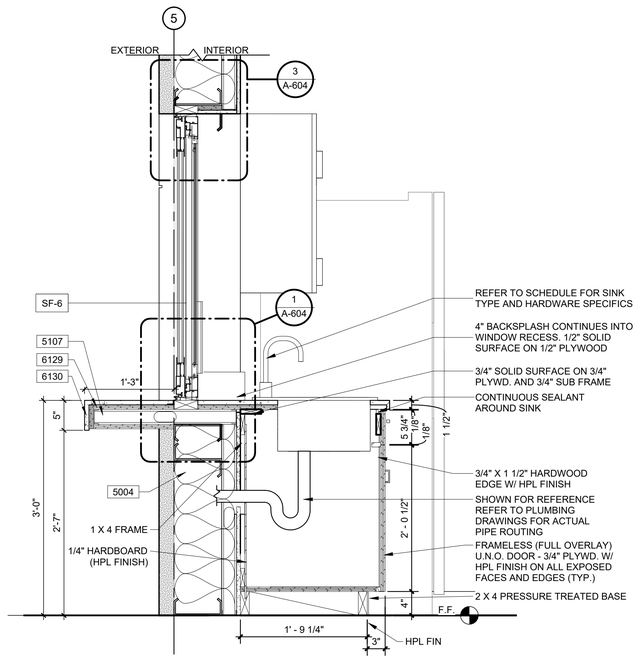
CODE	DESCRIPTION	QTY.
A	1½" NPT Drain, Stub-out 2" from wall	1
H,C	½" Nominal (¾" O.D. Comp.) Hot/Cold supplies, Stub-out 2" from wall	1
E	A dedicated NEMA 5-15R Receptacle, 125V GFCI must be provided, which is properly grounded and no more than 4 ft from the installation of the dryer assembly.*	1

* If no GFCI outlet is provided, contact a licensed electrician to ensure proper electrical connections in accordance with local building codes. Troubleshooting and internal maintenance must be performed by qualified service personnel.

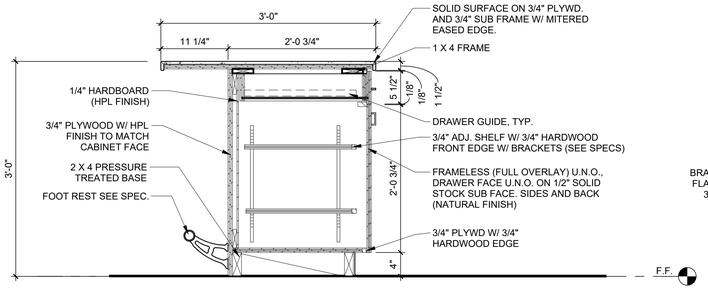
10 POWER WASH BAR ROUGH-IN DETAIL
1" = 1'-0"



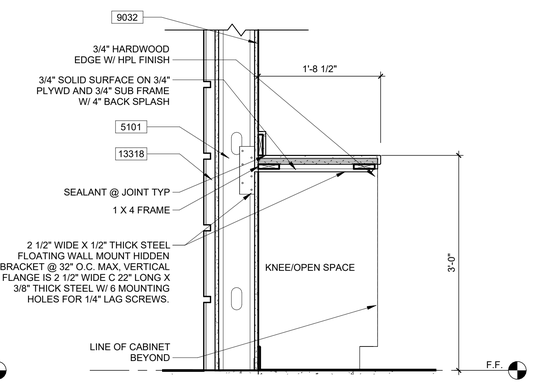
9 WALL SECTION @ LAVATORY
1" = 1'-0"



7 M4 SECTION
1" = 1'-0"



6 M5 SECTION
1" = 1'-0"



8 M6 SECTION
1" = 1'-0"

STRAUGHN TROUT ARCHITECTS
2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3601
PH: (863) 665-6205
StraughnTrout.com

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FLORIDA LICENSE #AR96576

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
1	11.04.25	ADNM 1

MILLWORK SECTIONS AND DETAILS

A-803

Autodesk Docs://2306 - Renovations to Road & Drainage Inspection and Test Bldg/2306_INSPECTION & TESTING BLDG RENOVATIONS_ARCH_L.rvt
11/4/2025 11:00:34 AM

November 14, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 2

BID # 25-614, CONSTRUCTION OF A NEW INSPECTION & TESTING BUILDING

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: Additional site-visit information.

Non-mandatory additional site-visit will be held Thursday, November 20, 2025, at 1:30 p.m. in the Roads & Drainage Building, located at 3000 Sheffield Road, Winter Haven, FL 33880.

Only the contractors who attended the Mandatory Pre-Bid/Site-Visit held on Tuesday, October 28, 2025 are eligible to submit a bid. The purpose of this site-visit is to allow vendors to bring subcontractors, take measurements, etc. if they were unable to at the mandatory.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature _____
Printed Name: _____
Title: _____
Company: _____

November 21, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 3
BID # 25-614, Construction of a New Inspection & Testing Building

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This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: questions/answers and revised drawings added to the FTP Site.

To receive a copy of revised drawings please go the following FTP site: https://ftp3.polk-county.net, you will be prompted for a User ID and Password. The User ID is procurevendor and the password is solicitation. After you have logged in to the FTP site, double click on the file folder "**Bid 25-614, Bid Attachments"**, select "Open" or "Save As" to download the **"Bid 25-614, Addendum 3 – Revised Drawings**." If you need assistance accessing this website due to ADA or any other reason, please email Tabatha Shirah at tabathshirah@polkfl.gov.

Respectfully,

Tabatha Shirah
Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature _____
Printed Name: _____
Title: _____
Company: _____

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 2

Q1 Request that Star Building Systems be an approved manufacturer for Specification 133419 Metal Building Systems? Star Building Systems can meet all other aspects of the specification and provide the specified Insulated wall and roof panels. The existing Traffic Engineering Operations building at the site is manufactured by Star Building Systems.

A1: Approved.

Q2: The basis of design for this building is Metallic, will you accept Schulte Building Systems, Varco Pruden, Whirlwind, Dean, Nucor and Butler as approved equals?

A2: Approved.

Q3: Per page 084113-3 of spec section 084113 - Aluminum-Framed Entrances and Storefronts, basis of design for storefront is Kawneer, YKK or equal. Will you accept Oldcastle and Trulite as equals?

A3: Approved.

Q4: See C-100 and S-101. They call out different types/ thicknesses to be used for the concrete slabs. Which sheet should we use for pricing this project?

A4: Sheet C-100 refers to concrete walks. Sheet S-101 refers to Building concrete slabs.

Q5: Sheet E-301 drawing note 1 references a lighting control panel. I do not see any additional information concerning this control panel. Can you please provide more information as to what this panel will need to be capable of doing?

A5: 4-relay control panel (manufacturer: Greengate or equal)

Q6: Will General Contractor be responsible for relocation of testing equipment from existing lab to new lab?

A6: The GC is responsible for coordination with the owner the relocation of this equipment and all required utilities at each location. NOTE: Item #11 requires new concrete base as shown.

Q7: Please confirm where manual operated roller window shades and motor operated roller window shades will be required.

A7: Please see specification Section 122413- Roller Window Shades.
Motorized shades are required at all exterior windows except toilet rooms 107 & 108

Q8: Will TR4-36 wall panels be used on this project? I saw listed in Specification 133419 but did not see shown on elevations.

A8: See Q29 response.

Q9: Will any roof warranty be required for this project?

A9: Metl-Span Mfgrs. 2-part warranty. Two-year limited warranty on the panels against defects in material and workmanship, and a separate, longer-term finish warranty. Additionally see specification section 133419, 1.6, Warranty,A.1.

Q10: Where will Specification 072713 Modified Bituminous Sheet Air Barriers be required to be installed?

A10: This product is to be used for miscellaneous waterproofing at openings.

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 2

Q11: Ref. page LS-101: Please confirm only (1) fire extinguisher is required.
A11: Confirmed.

Q12: Ref. page A-112D: Please confirm all lab equipment is furnished and installed by the owner.
A12: See Q6 response.

Q13: Ref. page A-112D: Confirm GC to provide poured concrete base for equipment #11.
A13: See Q6 response.

Q14: Ref. page A-101F: Please confirm all furniture is furnished and installed by the owner.
A14: Furniture shown on sheet A-101F is for reference only.

Q15: Ref. pages Millwork details/sections: 3/4” Solid Surface is not available, confirm 1/2” Soild Surface will suffice or provide alternative solution.
A15: Please see solid surface counters produced by Avonite or Corian Solid Surface material. Our contacts have confirmed that 3/4" thickness is available in Florida.

Q16: Ref. page A-112E, Room 111: Please provide details/sections for millwork in room 111 (M2, M3, and both countertops).
A16: See attached revised sheet A112E for millwork details and additional notes.

Q17: Ref. Specifications: Confirm the following specifications sections are not needed; 101416, 101419, and 122413. If needed, please specify location.
A17: Delete Sections 101416 and 101419. (none this project). Section 122413-Roller Window Shades, see Q7 response.

Q18: Ref. Specification 113100: Confirm GC is to furnish and install all residential appliances.
A18: Equipment identified in this section is part of this project including installation. Part 2 Products, including 2.1 Manufacturers, 2.2 Refrigerator, 2.3Microwave, 2.4 Ice Maker.

Q19: Ref. page A-401: Provide basis of design for door canopies.
A19: Basis of Design: Mapes - Super Lumideck with cantilever supports. See sheet A-401 for canopy dimensions and keynote 10018 for fascia information.

Q20: Our company has been unable to speak to a representative of the metal building manufacturer specified in the drawings. Can updated contact information be provided?
A20: All manufacture are approved – See Question No#1 and No#2 response.

Q21: Spec Section 096723 has Stonhard/Stonclad as the BOD. There are many different types of Stonclad. Which product do you want (Stonclad GS, UT, HT, Etc.)?
A21: Refer to specification section 133419-Metal Building Systems,2.5,A,1,a.

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 2

Q22: Note One on the lighting plan indicates that exterior lighting should be run through a lighting control panel. However, we couldn't locate any lighting control panel shown on the plans or in the panel schedule. Could you please provide: Product information for the specified lighting control panel, or Confirmation on how the exterior lighting is intended to be controlled if no panel is required?
A22: 4-relay control panel (manufacturer: Greengate or equal). Locate panel in electrical room.

Q23: What is the spec for the ice machine & TV?
A23: See specification section 113100-Residential Appliances for Ice Machine. Owner to provide TV, GC to coordinate with the Owner for installation.

Q24: P-201 shows a 2" drain from P9 to the South, noting to see civil. The civil plans do not address this drain. Please advise.
A24: The 2" line from P-9 should be taken to a drywell.

Q25: The fire line goes between existing oak trees; is root pruning required?
A25: Yes, include the cost to prune the roots of the tree.

Q26: FP-201 shows the FDC at the building; C-300 shows it at the backflow. Which is correct?
A26: FDC at the backflow is acceptable.

Q27: The frame size will be designed by PEMB engineers rather than the exact size requested in drawings. Is this acceptable?
A27: Yes, if wall configuration is maintained.

Q28: The drawings show the frame of the nuclear storage area and the covered area connecting it to the covered parking to be designed by others. Will we need to supply just the panels for this, or will we need to supply the purlins and girts as well? If so, the purlins and girts should be designed by the frame engineer for the nuclear storage area.
A28: The design intent is to utilize extending the metal building roof purlins and sidewall girts as shown on sheet A-120.

Q29: The wall panels on the drawings and specs conflict with each other. Sheet A-401 calls for AVP exterior metal wall panels, but page 133419 – 6 calls for Metl-Span TR4-36 wall panels. Please confirm If PEMB manufacturer is to provide AVP Panels for the wall. All other exterior wall panels should be provided by others.
A29: The Intent is to match existing buildings on this campus. The project has insulated exterior (Metl-Span CF Tuff Cast 2.5"thick) and uninsulated exterior (Metl-Span TR4-36) metal wall panels. MBCI AVP wall panel can be used as an alternate for the uninsulated wall panel.

Q30: Are you asking for a composite roof system or an insulated metal panel?
A30: Please see specification section 133419-Metal Building Systems, 2.4,A.

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 2

Q31: Is the PEMB manufacturer to provide lateral support of steel stud exterior walls, i.e. spandrel beam?
A31: See Q36 response.

Q32: Regarding West End wall fame shown on 3/S-103, please explain the elevations. It shows double girts at line 2 and 5, but that is not what the wall details show on A-501 and A-502.
A32: These details are from PEMB basis of design literature and are shown on both east and west.

Q33: Sheet 101419 – 3 of the spec book says dimensional character height is to be “as indicated on drawings”. Sheet G-003 also says refer to signage details. We could not locate any signage details/dimensions on the drawings. Please provide interior & exterior signage details/dimensions.
A33: Delete section 101419-Dimensional Letter Signage. None this project.

Q34: Please provide the basis of design for aluminum canopies shown on A-401. There are no specs provided.
A34: See Q19 Response.

Q35: Sheet S-102 calls for 8” metal studs, * A-502 keynote 5101 calls for 6” metal studs. Which is to be used?
A35: Sheet S102 is correct (8"metal Stud). Keynote on sheet A-501 is incorrect. Please refer to Sheet A-111A and Sheet A-510 for correct wall types. Wall types of WT-2 and WT-7 are 8" metal stud walls.

Q36: Please provide detail for stud wall to PEMB per A-502.
A36: See attached revised sheet A-502 for metal stud wall to PEMB detail and additional information.

Q37: The photo on sheet A-112D of the poured concrete base for equipment 11 appears to have cove base around it, will this need to be provided at the new facility?
A37: Yes.

Q38: The poured concrete base for equipment 11 is not shown on the structural plans. Is there a structural detail for this base?
A38: The concrete base is to be formed and poured at new location.

Q39: Sheet A-301 calls out a hood exhaust roof penetration, but sheet M-201 calls for a hood exhaust fan & hood supply fan. Will there need to be two separate roof penetrations for these items? If so, please provide flashing details & updated roof plans to reflect this.
A39: Two separate roof penetrations will be needed, flashing details should be same as exhaust fan.

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 2

Q40: Sheet M-201 calls out two 72”x12” Greenheck louvers above the doors. The frames called out at this location are only 5’ wide with transom louvers. Please confirm if the frame or Greenheck louver needs to change.
A40: Louvers need to be a nominal 60 x 12, however since the louvers are being mounted in the transom frames, verify exact size prior to ordering.

Q41: Sheet A-411 keynote 26029 calls out “ceiling mounted fan. Please see fixture schedule.” We could not locate any spec or model for this fan in the plans or spec book. Please provide a model for this fan.
A41: Fan to be equal to Big Assfans, outdoor, 96" ceiling mtd.

Q42: Detail 3&4 A-802 both call for LED tape lights under the upper cabinets. This detail is called out in both Material Testing 110 and Breakroom 120. However, Sheet E-301 only calls for the LED tape lights (fixture H) in Breakroom 120. Please confirm if the LED tape lights are to be installed in both rooms or just Breakroom 120.
A42: LED tape lighting is required under the upper cabinets in Material Testing 110.

Q43: AS-101 shows underground conduit being run from the existing vault to the generator area that is outside of the property. Is this an existing underground conduit that needs to be relocated per C-050? If so, please provide more information/scope about the relocation of associated wiring/conduit.
A43: No, the conduit and the wiring out of the scope of that project.

Q44: Is access control to be by the contractor or the county? If we need to provide it, do you have a preferred vendor?
A44: Specialty Electronic Systems(SES) was specified in the bid documents. SES Contact:
Kevin Dial
Address: 37919 Heather Plaza, Dade City, Florida 33525
Email: kevin@sesalarms.com
Office: 352-567-5996
Fax: 352-521-6085

Q45: PEMB manufacturers typically do not provide engineering over a structure that is done by others. Will the architect or engineer design the roof over the nuclear storage building?
A45: See Q28 response.

Q46: Is a job trailer required?
A46: Refer to specification section 015000,Part 2,2.2, 2.2 Temporary Facilities for project requirements.

Q47: Is temporary construction fencing required?
A47: Refer to specification section 015000, Part 3,3.4,G for project requirements.

Q48: Is furniture (tables, chairs, tvs, desks, etc) to be provided & installed by the contractor or the county? If by contractor, please provide specs for all furniture to be installed.
A48: See Q14 response.

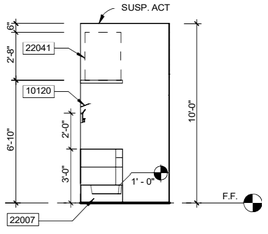
BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 2

Q49: Equipment 7 oven on sheet A-112D shows a wood box framed below the oven in the photo. Are we to provide this? If so, please provide a detail/spec.
A49: Base is to be a part of the relocation. See Q6 response.

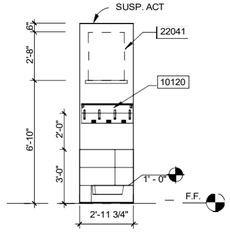
Q50: Two of the SF-100 elevations are interior, but they are currently calling for laminated glass. Can this be changed to 1/4" tempered glass instead?
A50: SF-100 for doors 100,110 and 111 have 1" insulated glass.

Q51: Per the drawings, straight columns for PEMB are shown but are tapered columns acceptable?
A51: Straight columns are preferred. The county will accept either for bidding purposes to cover potential higher cost on a tapered column.

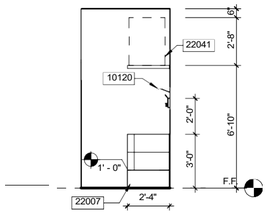
Q52: During our review of the project specifications (page 384), it appears that the painting scope includes stucco and concrete tilt-up panels. However, a review of the drawings indicates that neither stucco nor concrete tilt-up panels are present on the building. Our painting contractor, who developed their bid based on the square footage listed in the specifications, noted this discrepancy and has indicated they will withdraw their bid to avoid mispricing. Can the County please confirm the intended scope of the exterior painting work and clarify and/or correct the specifications to accurately reflect the building materials?
A52: Please refer to specifications section 099113-Exterior Painting, 3.6-Exterior Painting Schedule, A,B,C and D. --Disregard paragraph A (No tilt wall or stucco).



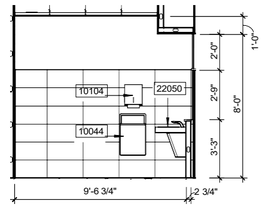
1 NORTH ELEVATION - JANITOR CLOSET
1/4" = 1'-0"



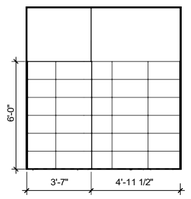
1 WEST ELEVATION - JANITOR CLOSET
1/4" = 1'-0"



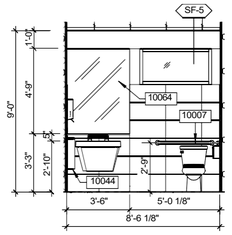
1 SOUTH ELEVATION - JANITOR CLOSET
1/4" = 1'-0"



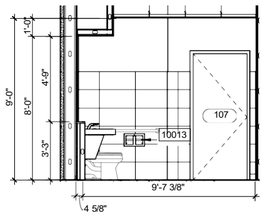
1 WEST ELEVATION - TOILET 107
1/4" = 1'-0"



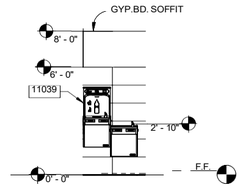
1 SOUTH ELEVATION - TOILET 107
1/4" = 1'-0"



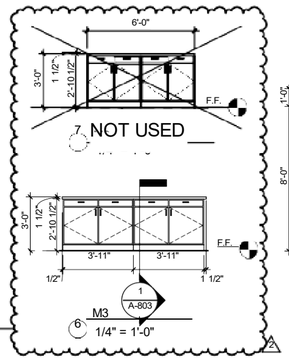
9 NORTH ELEVATION - TOILET 107
1/4" = 1'-0"



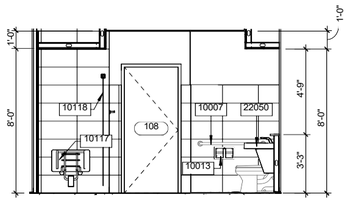
8 EAST ELEVATION - TOILET 107
1/4" = 1'-0"



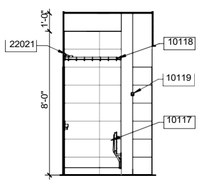
15 EAST ELEVATION - DRINKING FOUNTAIN
1/4" = 1'-0"



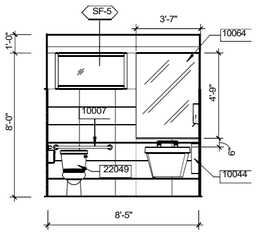
6 1/4" = 1'-0"



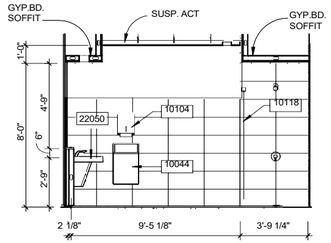
5 WEST ELEVATION - TOILET 108
1/4" = 1'-0"



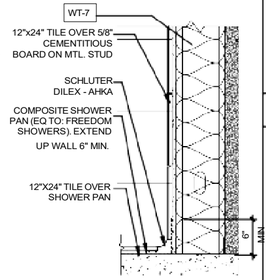
4 SOUTH ELEVATION - TOILET 108
1/4" = 1'-0"



3 NORTH ELEVATION - TOILET 108
1/4" = 1'-0"



2 EAST ELEVATION - TOILET 108
1/4" = 1'-0"



21 SHOWER PAN SECTION
1" = 1'-0"

16 NORTH ELEVATION - DRINKING FOUNTAIN
1/4" = 1'-0"

17 SOUTH ELEVATION - DRINKING FOUNTAIN
1/4" = 1'-0"

18 CERAMIC TILE SECTION
1/4" = 1'-0"

19 FLR TO WALL TRANS.
3/4" = 1'-0"

20 TILE EDGE TRIM DETAIL
3/4" = 1'-0"

1 ENLARGED PLAN STAFF COMBINE
1/2" = 1'-0"

NORTH

TOILET ACCESSORIES

Keynote	Description	Count
10007	Bobrick B-6806 Grab Bars	4
10013	TrimLineSeries™ Surface-Mounted Multi-Roll Toilet Tissue Dispenser	2
10044	Bobrick B-43644 Contura Series Recessed Waste Receptacle	2
10064	Mirror: 57" X 42"	2
10104	Fino Collection Surface Mounted Paper Towel Dispenser	2
10117	Bobrick Solid Phenolic Folding Shower / Dressing Area Seat	1
10118	Bobrick B-204-2 Vinyl Shower Curtain and Rod	1
10119	Bobrick Surface Mounted - Towel Pin	1
10120	Bobrick B-239 Utility Shelf with Rag Hooks and Broom Holders	1
11039	Elkay drinking fountain: EMABFTL8WS	1
22021	Built-In Shower with Concealed Supplies - Hand Shower and Showerhead	1
22049	ADA Toilet Commercial	2
22050	Verge™ Lavatory System w/Washbar Technology – LVQ Series, One Station	2

KEYNOTES

10007	PROVIDE PAIR OF HORIZONTAL GRAB BARS ADJACENT TO WATER CLOSET - TYPICAL IN EACH SINGLE USER TOILET ROOM AND H/C TOILET STALL. PROVIDE 42 IN. LONG GRAB BAR ON SIDE WALL LOCATED 12 IN. FROM REAR WALL AND 36 IN. BAR ON REAR WALL SET 4 IN. OUT OF CORNER OF ROOM. MOUNT BOTH AT 34 IN. AFF TO CENTERLINE.
10013	WALL MOUNTED TOILET TISSUE DISPENSER - TYPICAL AT EACH WATER CLOSET. MOUNT WITH BOTTOM AT 18 IN. AFF AND 7-9 IN. FROM FRONT OF TOILET.
10044	RECESSED WASTE RECEPTACLE. SEE SPECS.
10064	57 IN. X 42 IN. MIRROR CENTERED OVER WALL HUNG LAVATORY - TYPICAL. MOUNT WITH BOTTOM OF FRAME AT 44 IN. AFF.
10104	WALL MOUNTED PAPER TOWEL DISPENSER.
10117	FOLDING SHOWER/DRESSING AREA SEAT.
10118	SHOWER COURTAIN AND ROD, TYP.
10119	SURFACE MOUNTED TOWEL PIN.
10120	UTILITY SHELF W/ MOP/BROOM HOLDERS AND RAG HOOKS.
11039	ELKAY DRINKING FOUNTAIN
22007	MOP FLOOR SINK.
22021	SHOWER WITH RAISED CURB AND CERAMIC TILE FINISH.
22041	WALL MOUNTED WATER HEATER. SEE ENGINEER'S DRAWINGS.
22049	ADA TOILET COMMERCIAL.
22050	BRADLEY LAVATORY W/ SOAP DISPENSER & HAND DRYER.

GENERAL NOTES

1. SEE DETAILS 18-20 FOR SCHLUTER SECTIONS REQUIRED FOR ALL EXPOSED CERAMIC TILE EDGES.

LEGEND

FLOOR FINISH LEGEND

- LVT: KARDEAN, VAN GOGH RECLAIMED REDWOOD VGW99T (48"X7")
- CARPET: TANDUS CENTIVA, SUBSTANCE 11449, BLOCK OUT 76204 (18"X36")
- STONHARD EPOXY
- SEALED CONCRETE
- TILE: DATILE HAUT MONDE GLITTERATI GRANITE HM03 (UNPOLISHED 12" X 24")

INTERIOR WALL FINISH LEGEND

- HORIZ. METAL WALL PANEL. METAL SPAN IW SERIES: IW-10A
- CT-1: CERAMIC TILE DALTILE, HAUT MONDE GLITTERATI GRANITE HM03 (UNPOLISHED, 12"X24" FLOOR/WALL)

INT. PAINT

- **ACCENT:** SHERWIN WILLIAMS, SW 9141 WATERLOO.
- **FIELD:** SHERWIN WILLIAMS, SW SW 7672 KNITTING NEEDLES.

STRAUGHN TROUT ARCHITECTS
2005 E. Edgewood Drive
Lakeland, Florida USA
33803-3601
PH: (863) 665-6005
StraughnTrout.com

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
2	11.12.25	ADNM 2

ENLARGED FLOOR PLAN AND ELEVATIONS

A-112E

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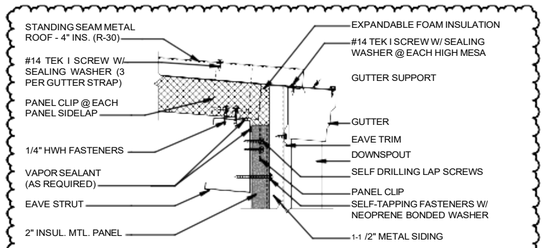
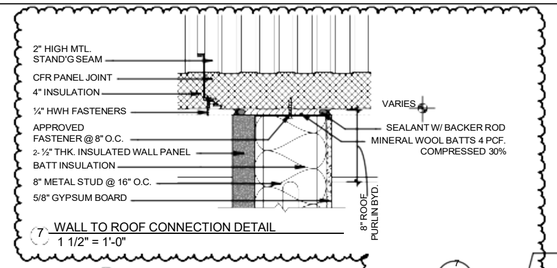
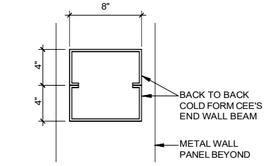


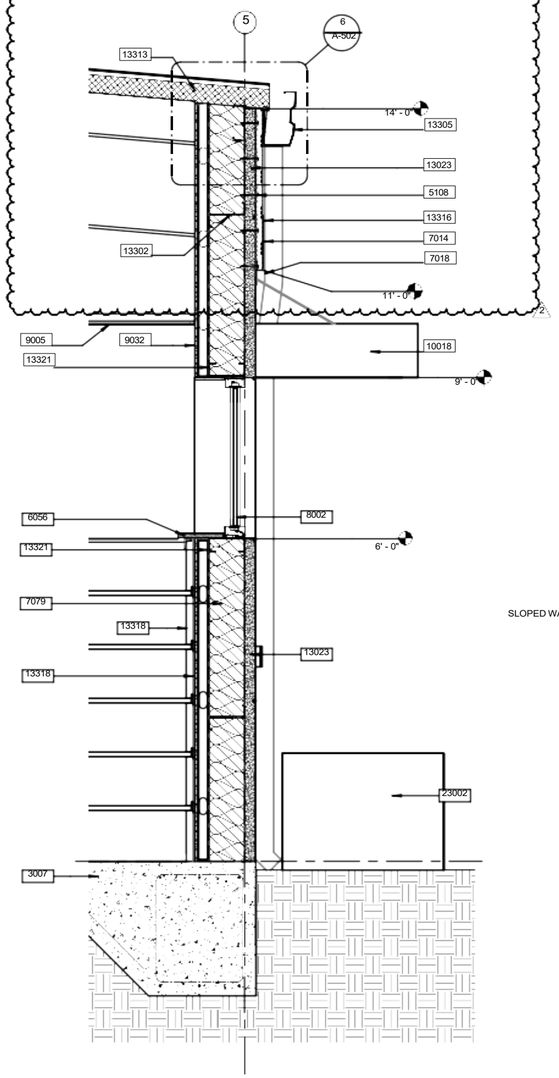
6 EAVE DETAIL @ SOUTH GUTTER
1 1/2" = 1'-0"



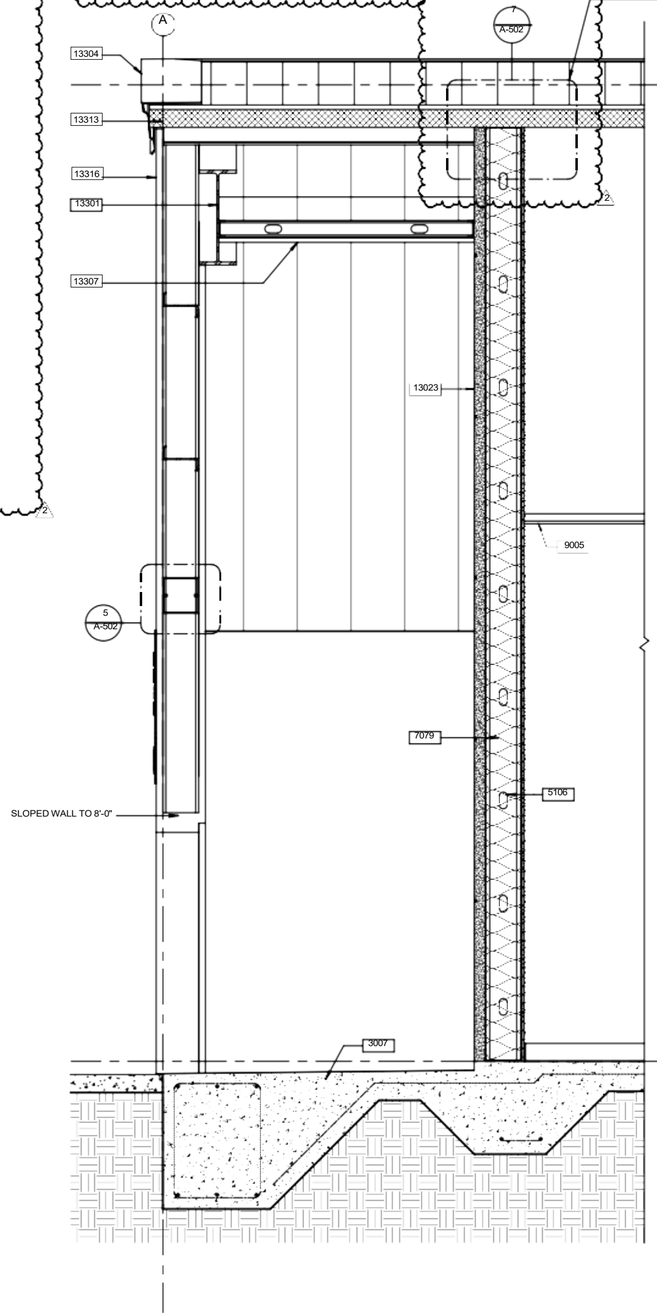
7 WALL TO ROOF CONNECTION DETAIL
1 1/2" = 1'-0"



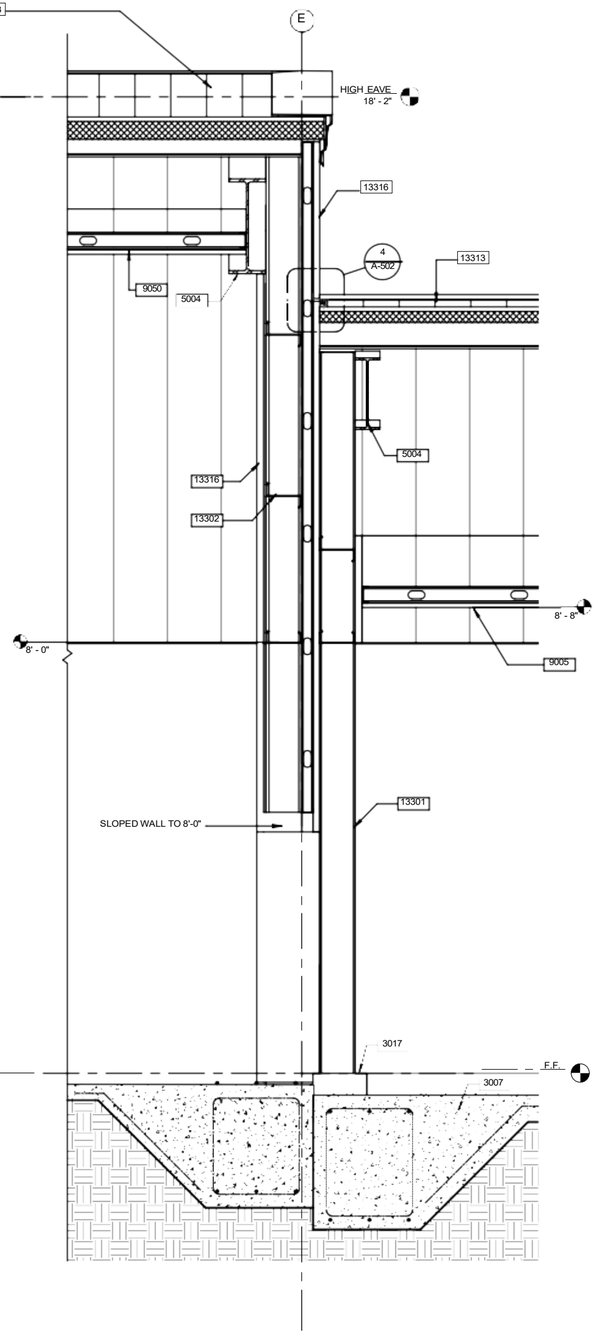
5 ENDWALL BEAM
1 1/2" = 1'-0"



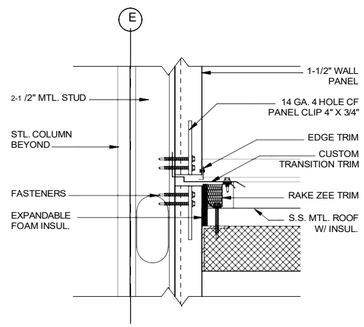
1 WALL SECTION
3/4" = 1'-0"



2 ENLARGED WALL DETAIL
3/4" = 1'-0"



3 ENLARGED WALL DETAIL
3/4" = 1'-0"



4 STACK JOINT TO ROOF RAKE TRANSITION
3" = 1'-0"

GENERAL NOTES

1. SEAL ALL PENETRATIONS TO ENSURE VAPOR BARRIER CONTINUITY AT ALL EXTERIOR INSULATED PANEL.

KEYNOTES

3007	6 IN. CONCRETE WALK SLAB REINFORCED WITH 6X6-W1.4 X W1.4 WWF OVER WELL COMPACTED SUB-GRADE. PROVIDE COLD CONSTRUCTION JOINTS (CJ) AT MAXIMUM 30 FT. O.C. AND AS SHOWN; AND TOOLED JOINTS (TJ) AT 6 FT. O.C. (MAXIMUM) OR AS SHOWN. FINISH AS SCHEDULED.
3017	MONOLITHIC CONCRETE SLAB / FOUNDATION AS REQUIRED BY SPECIALTY ENGINEER.
5004	STRUCTURAL STEEL FRAMING, SEE STRUCTURAL DRAWINGS.
5106	8" STEEL STUD FRAMING @ 16" O.C.
5108	4" SELF-TAPPING FASTENERS W/ NEOPRENE BONDED WASHER. SPACING AS REQUIRED BY MFG.
6056	WINDOW SILL, SOLID SURFACE AS SPECIFIED, TYP.
7014	PREFINISHED METAL DRIP EDGE TYPICAL OVER CONT. CLEAT.
7018	PREFINISHED ALUMINUM SILL FLASHING - TYPICAL AT ALL EXTERIOR OPENINGS.
7079	BATT INSULATION INSTALLED TO FILL WALL STUD CAVITY - TYPICAL.
8002	ALUMINUM STOREFRONT WITH FIXED GLASS.
9005	SUSPENDED ACOUSTICAL CEILING - WITH ACOUSTICAL TILE AS SPECIFIED / SCHEDULED.
9032	5/8 IN. GYPSUM SHEATHING - TYPICAL.
9050	5/8 IN GYPSUM SHEATHING OVER SUSPENDED GALV METAL FRAMING SYSTEM HUNG FROM ROOF STRUCTURE.
10018	PREFINISHED ALUMINUM CANOPY FASCIA - 8 IN. HIGH - TYPICAL. COLOR AS SELECTED.
13023	METL-SPAN, TUFF COTE, LIGHT STONE INSULATED METAL PANEL
13301	METAL BUILDING FRAME BY PEMB MANUFACTURER
13302	"Z" PURLINS BY PEMB MANUFACTURER
13304	METAL RAKE TRIM BY PEMB MANUFACTURER
13305	GUTTER AND DOWNSPOUT BY PEMB MANUFACTURER
13307	METAL SOFFIT PANEL ON 3-5/8" METAL STUDS @ 5'-0" O.C. BRACE TO ROOF PURLIN W/ 2"X2"X1/4" ANGLE CENTER SPAN.
13313	INSULATED STANDING SEAM METAL ROOF PANEL BY PEMB MANUFACTURER
13316	AVP EXTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
13318	INTERIOR METAL WALL PANEL BY PEMB MANUFACTURER
13321	SILL AND HEAD CHANNEL BY PEMB MANUFAFTURER
23002	HVAC CONDENSING UNIT SET ON CONCRETE SLAB.

STRAUGHN TROUT ARCHITECTS

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GERALD W TROUT, AIA
FLORIDA REG. NO. AR13665

INSPECTION AND TESTING BUILDING FOR POLK COUNTY ROADS & DRAINAGE
PCBCC
3000 SHEFFIELD ROAD
WINTER HAVEN, FL

STA PROJECT #: 2306

PROJECT MGR.: GWT

#	DATE	ISSUED AS
2	11.12.25	ADNM 2

WALL SECTION

A-502

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November 25, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 4
BID # 25-614, Construction of a New Inspection & Testing Building

---

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: questions/answers and bid receiving date extension.

The Bid Receiving Date has been extended one (1) week. The revised Bid Receiving Date is Wednesday, December 10, 2025, prior to 2:00 p.m.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature _____
Printed Name: _____
Title: _____
Company: _____

BID # 25-614, Construction of a New Inspection & Testing Building
Addendum # 4

Q1: On Q9 on addendum 1, we asked for a window schedule. This was to see where the window shades are to go, the specs call for both motor-operated and manually operated window shades. Without a window schedule, there is no indication of where the roller shades are to go. Could you provide clarification about the missing window schedule & roller shade locations?

A1: Exterior window size and locations are shown on sheets A111A, A111D and A601 and identified as SF-1/ SF-2/ SF-3/ SF-4/ SF-5/SF-6. Note SF-7 & 8 do not require window shades. All windows that require shades are motor operated.

Q2: Clarification on the access control discrepancies; E-401 in the bid set and section 87100 in the bid specifications.

1) Door 111 (single) to the staff combine shows a Card Reader(CR) next to it but the Door Schedule does not show electrified hardware.
2) Door 104 (single) to storage shows a Keypad(KP) but Door Schedule does not show electrified hardware.
3) Door 102 (double) to storage shows electrified hardware on Door Schedule but does not indicate a CR.

A2: 1) Add CR at door 111 on door schedule sheet A-601 and sheet A-111A annotation plan.
2) Add KP at door 104 on sheet A-111A and sheet A-601 door schedule
3) Add CR at door 102 sheet E-401
The Sole Source vendor for Polk County access control systems/card readers is **Specialty Electronic Systems(SES).** All access control/card reader systems are to be purchased and installed by SES. Bidders shall include all costs for SES in their prime base bid amount. Bidders are responsible for contacting SES for confirmation on required electric strikes, power supplies, and hardware for each CR designation on the plans/specs. It is generally preferred that the CR includes an electronic latch for each CR location. Contact information was provided on Addendum 3, Answer 44.

Q3: See C-100 and S-101. They call out different types/ thicknesses to be used for the concrete slabs. Which sheet should we use for pricing this project?

A3: Please see Addendum 2, Answer 4.

November 26, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 5
BID # 25-614, Construction of a New Inspection & Testing Building

---

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: revision.

Revision to Reference Sheet E-102:

1. Lighting Fixture Schedule:
    a) Fixture type 'B' shall be revised to METALUX #AVT2-LD5-6-DR100-W-UNVL840-SSL-WL / 4FT VAPORTITE 6000 LUMEN LINEAR FIXTURE WITH IMPACT LENS.
    b) Delete fixture type 'G'.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature _____
Printed Name: _____
Title: _____
Company: _____

December 8, 2025

POLK COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

ADDENDUM # 6
BID # 25-614, Construction of a New Inspection & Testing Building

---

This addendum is issued to clarify, add to, revise and/or delete items of the Bid Document for this work. This Addendum is a part of the Bid Document and acknowledgment of its receipt shall be noted on the Addendum.

Contained within this addendum: question/answer.

Q1: It was brought to our attention by a local company that furnishes and erects pre-engineered metal buildings that a local contractor bidding the project requested an erection bid only for low line metal building (frame only) and he intended to purchase the panels and metal building from separate manufacturers and have separate erectors for the building and the panels. With the above stated, and to enable all the bidders to submit apple to apple bids, we are requesting response?

A1: All Bidders shall ensure that the pre-engineered metal building (PEMB) and all required PEMB components shall meet the requirements of the construction documents. Prime bidders shall obtain all required clarifications from the FL licensed structural engineer, PEMB and Structural Insulated Panels (SIP) manufacturers since the delegated design is the prime bidders responsibility.

This response/clarification is not intended to change or modify the construction documents or delegated design requirements.

Respectfully,

Tabatha Shirah
Sr. Procurement Analyst
Procurement Division

This Addendum sheet should be signed and submitted with your bid submittal. This is the only acknowledgment required.

Signature _____
Printed Name: _____
Title: _____
Company: _____