



concept architectural designs
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NEW STORAGE SHED ADDITION
 7747 NATURE TRAIL
 LAKELAND, FLORIDA 33803

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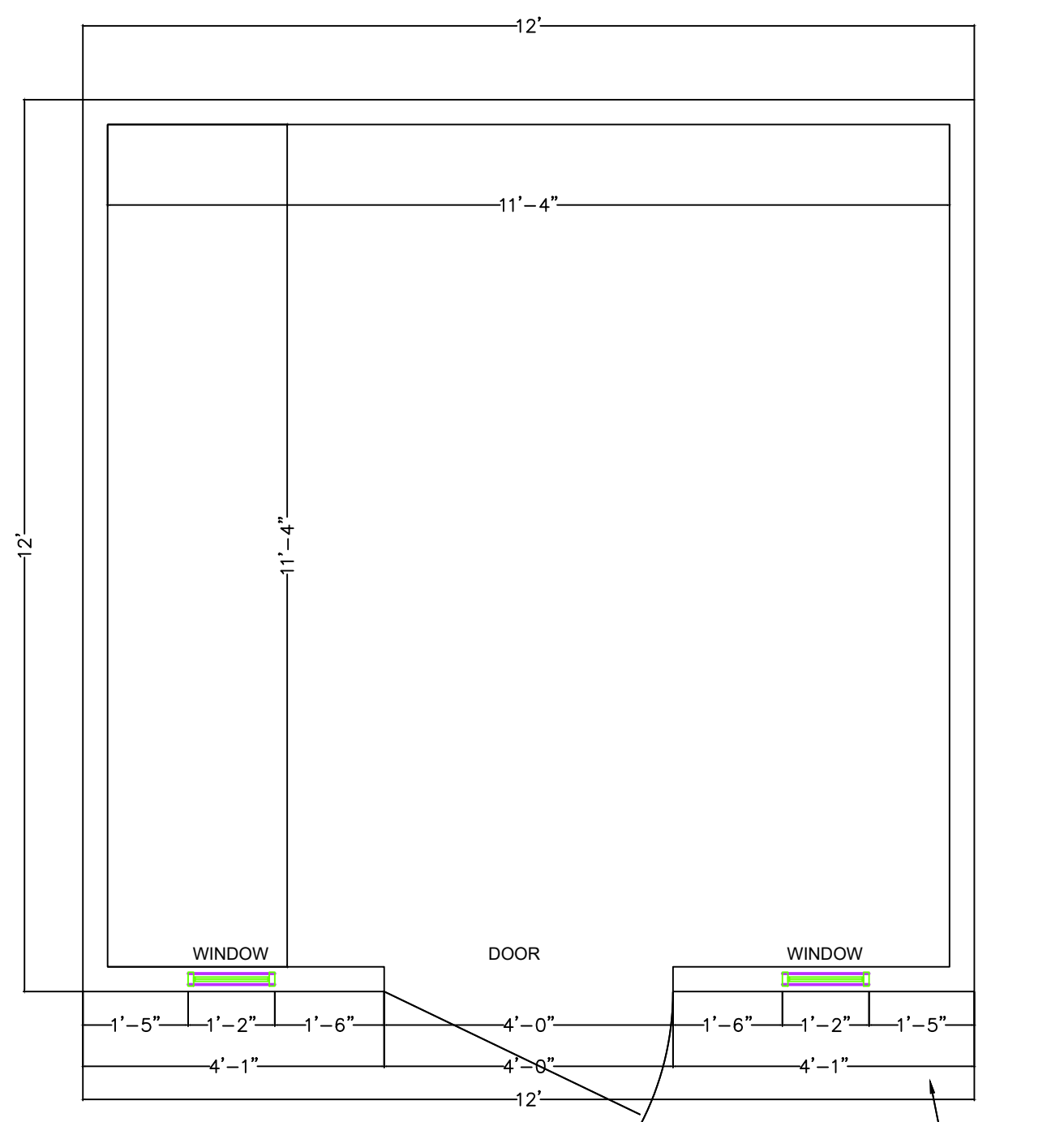
PROJECT No: 060225.003

DATE: June 02, 2025

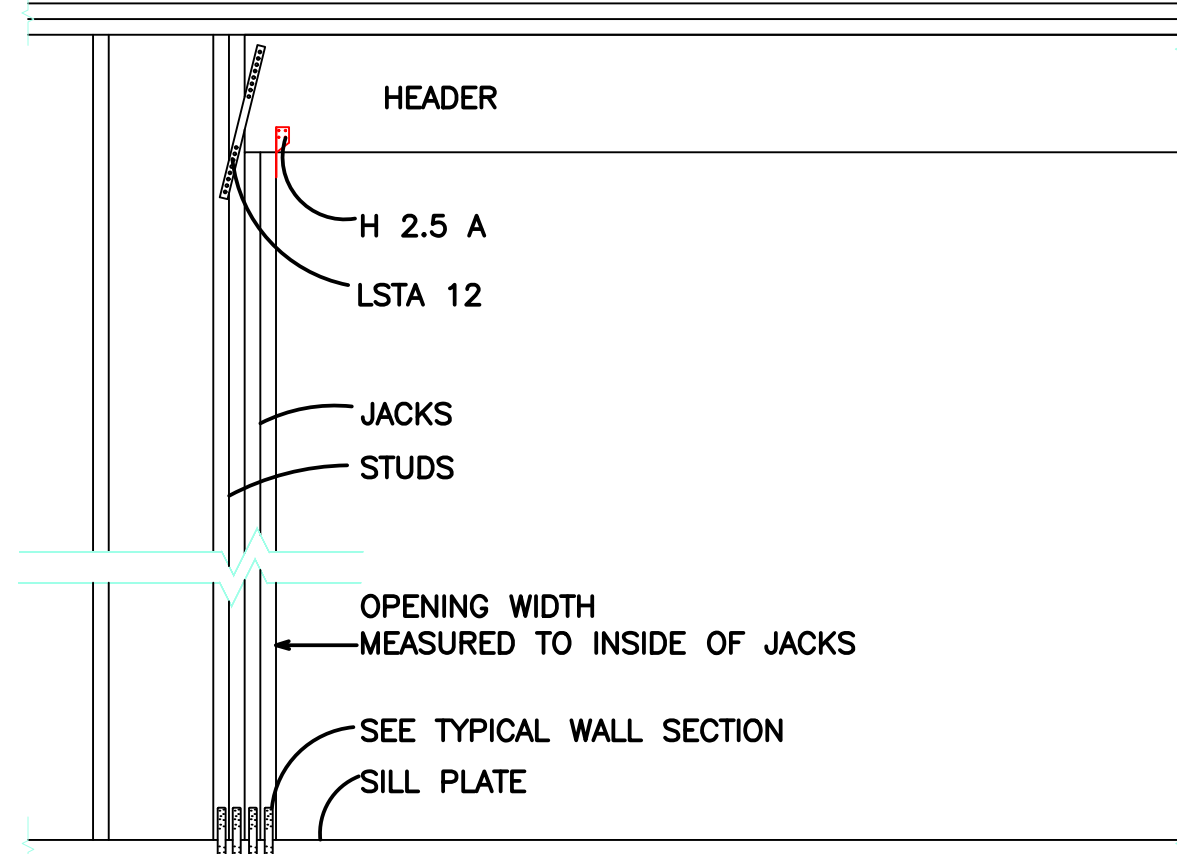
FLOOR PLAN
 ELEVATIONS, SECTION
 and
 DETAILS

SHEET NO:
A-1

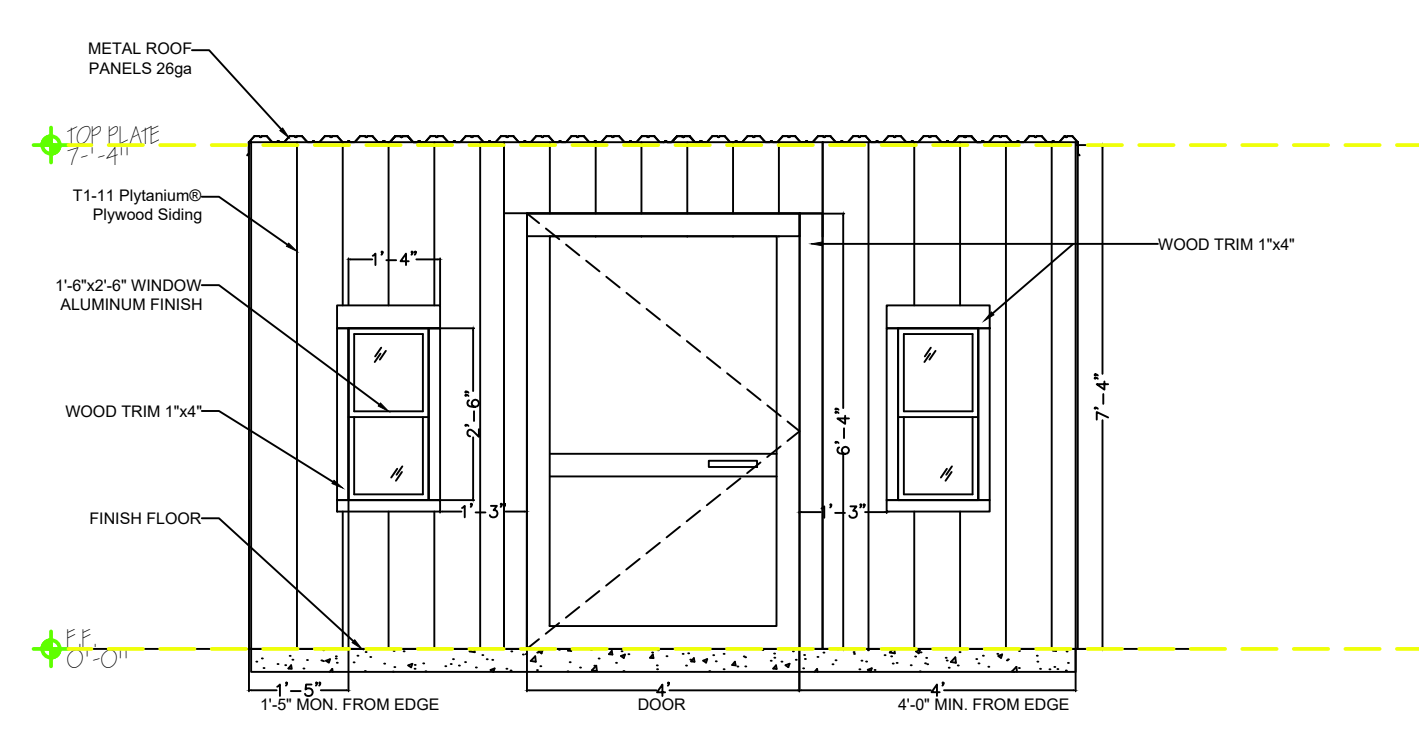
concept architectural designs



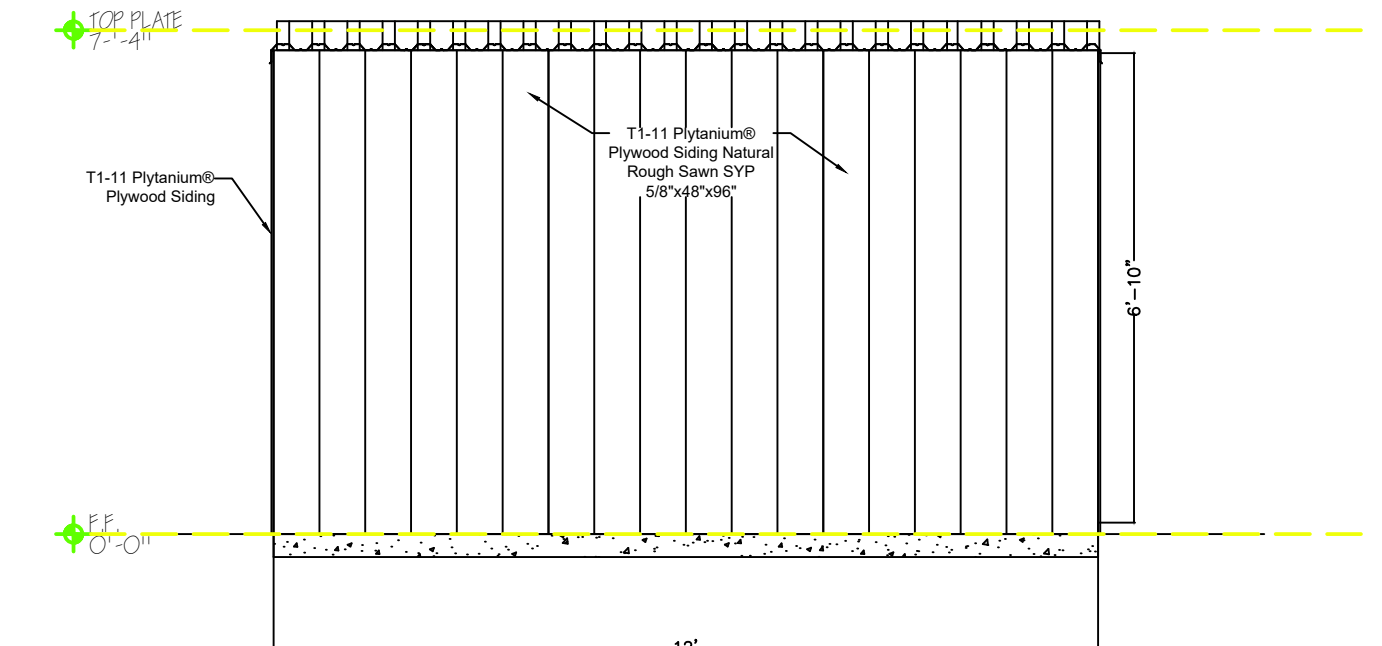
FLOOR PLAN
 SCALE: 3/8"=1'-0"



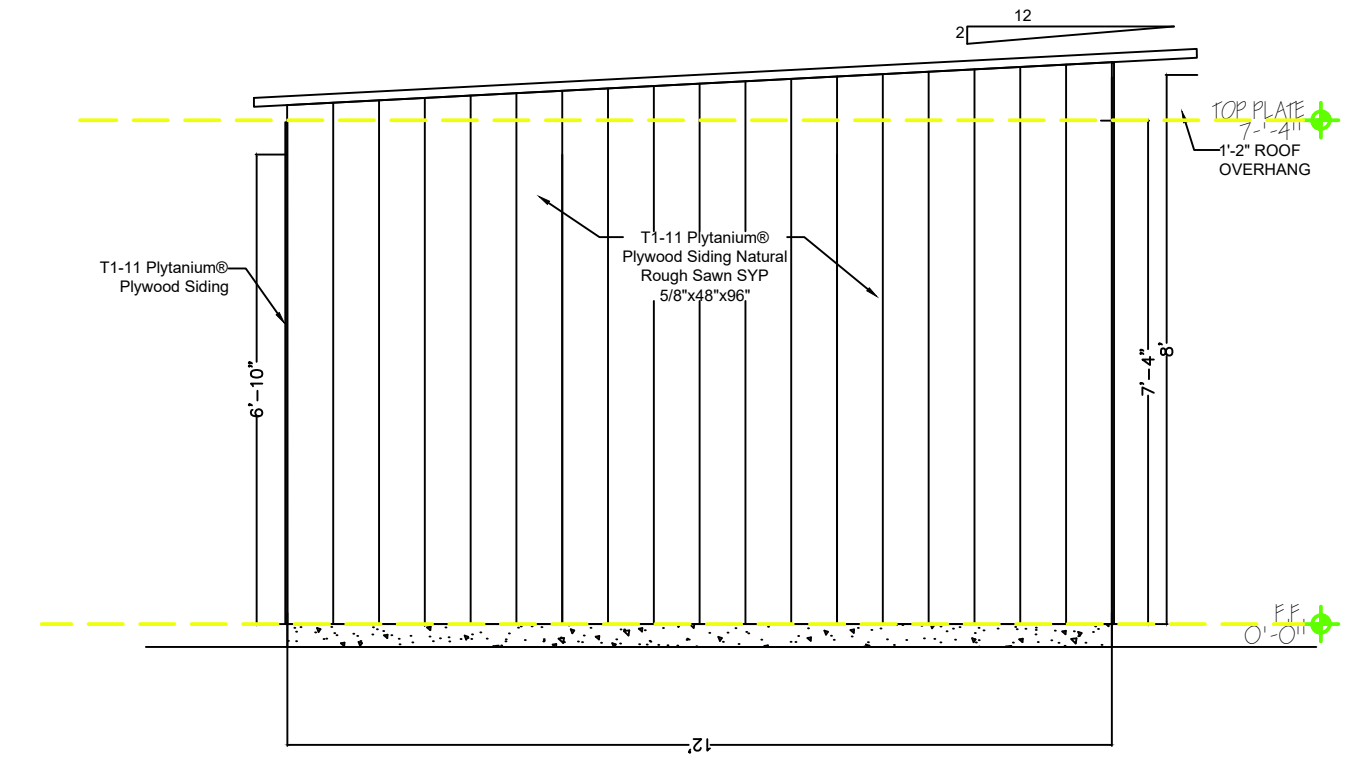
Opening Width	# of Jacks	# of Studs	Min Header Size
Up to 4'	1	(2) 2x4	
Up to 6'	1	(2) 2x6	
Up to 8'	2	(2) 2x8	
Up to 8' @ End Wall	2	2	(2) 2x6



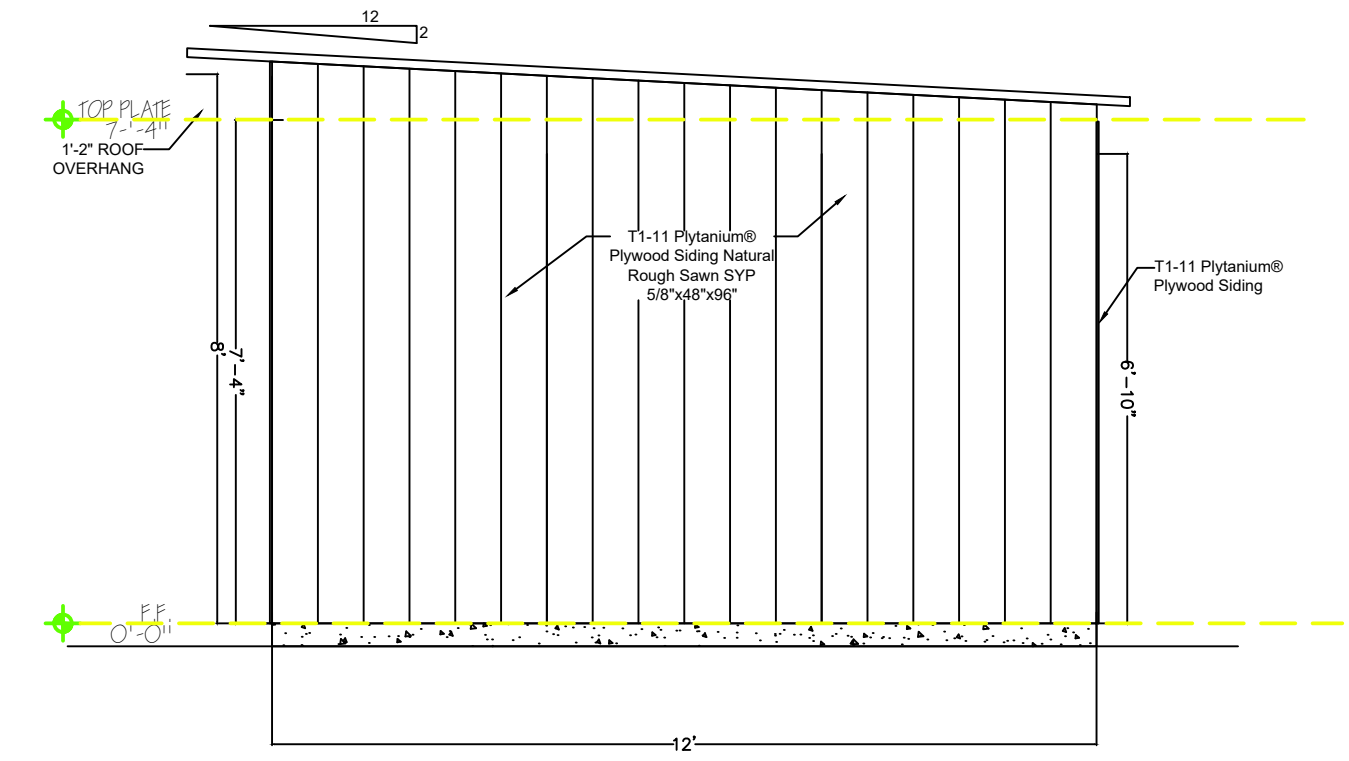
ELEVATION FRONT
 SCALE: 3/8"=1'-0"



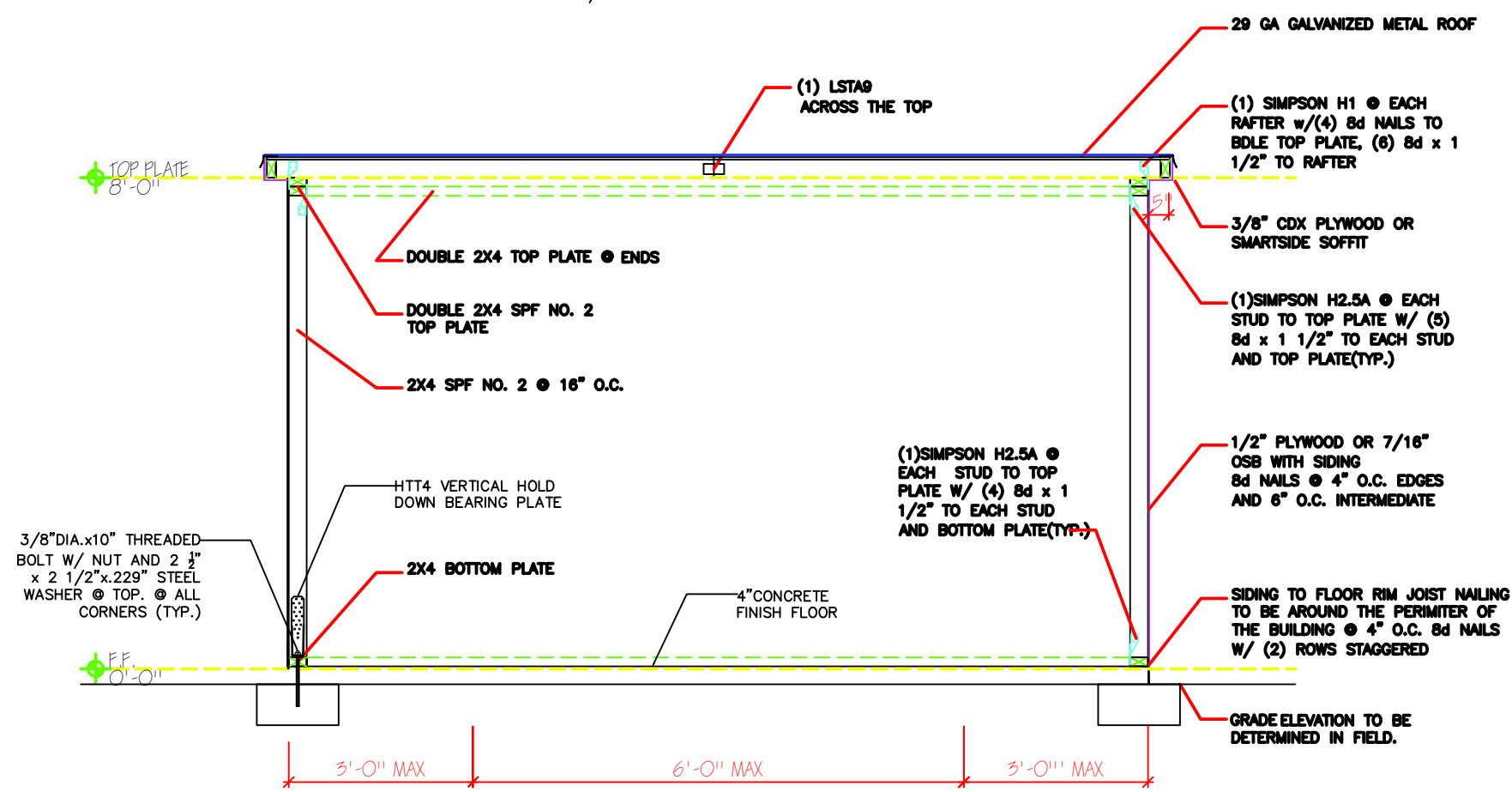
ELEVATION REAR
 SCALE: 3/8"=1'-0"



ELEVATION SIDE
 SCALE: 3/8"=1'-0"

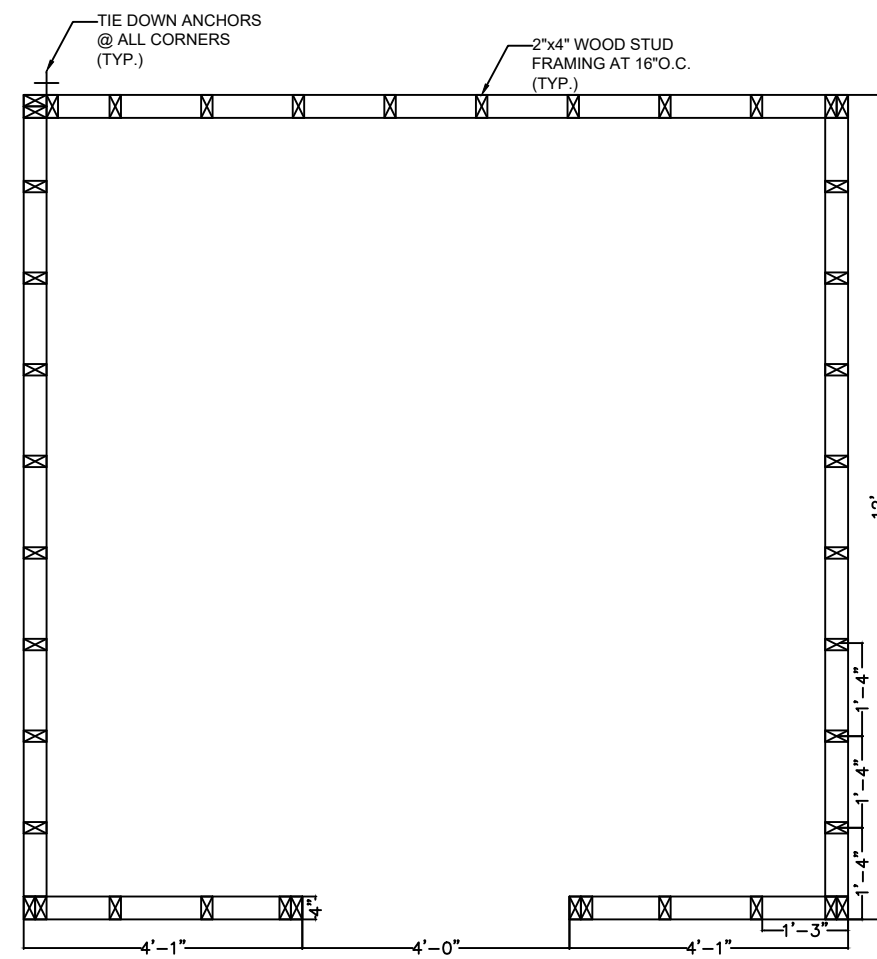


ELEVATION SIDE
 SCALE: 3/8"=1'-0"



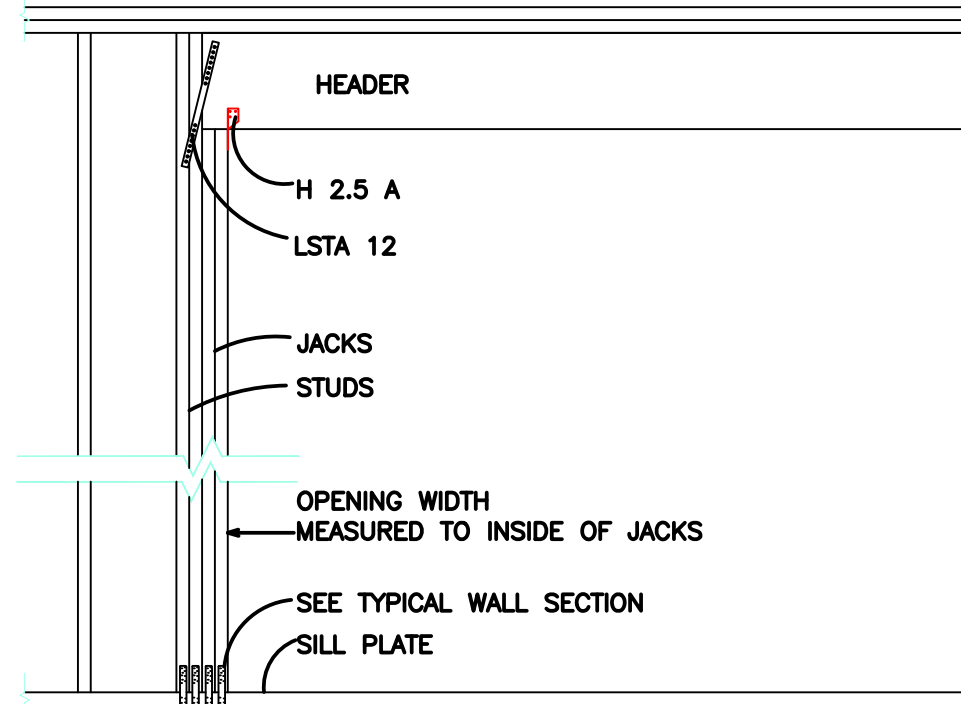
SECTION
 SCALE: NTS

TYP. BUILDING SECTION @ ROOF
 USE 2x6 PT FLOOR JOISTS @ 16" oc UP TO 8' FREE SPAN
 FOR SHED 12' WIDE AND OVER, USE 2x6 RAFTERS
 ENDS OF COLLAR TIES TO BE PLACED NO MORE THAN 4' (MEASURED HORIZONTALLY) FROM EITHER END OF RAFTER MEMBER.
 ALL WOOD PLACE WITHIN 12" OF GRADE SHALL BE TREATED FOR TERMITE RESISTANCE.



WALL FRAMING PLAN

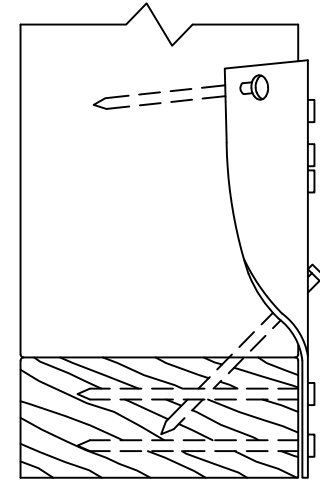
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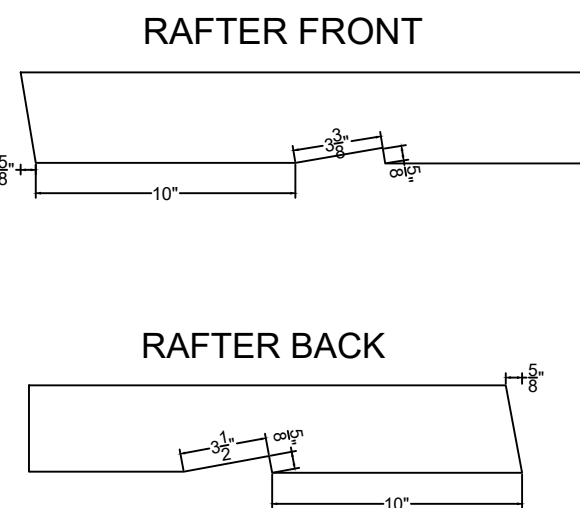
Opening Width	# of Jacks	# of Studs	Min Header Size
Up to 4'	1	1	(2) 2x4
Up to 6'	1	2	(2) 2x6
Up to 8'	2	2	(2) 2x8
Up to 8' @ End Wall	2	2	(2) 2x6

DETAIL
SCALE: NTS

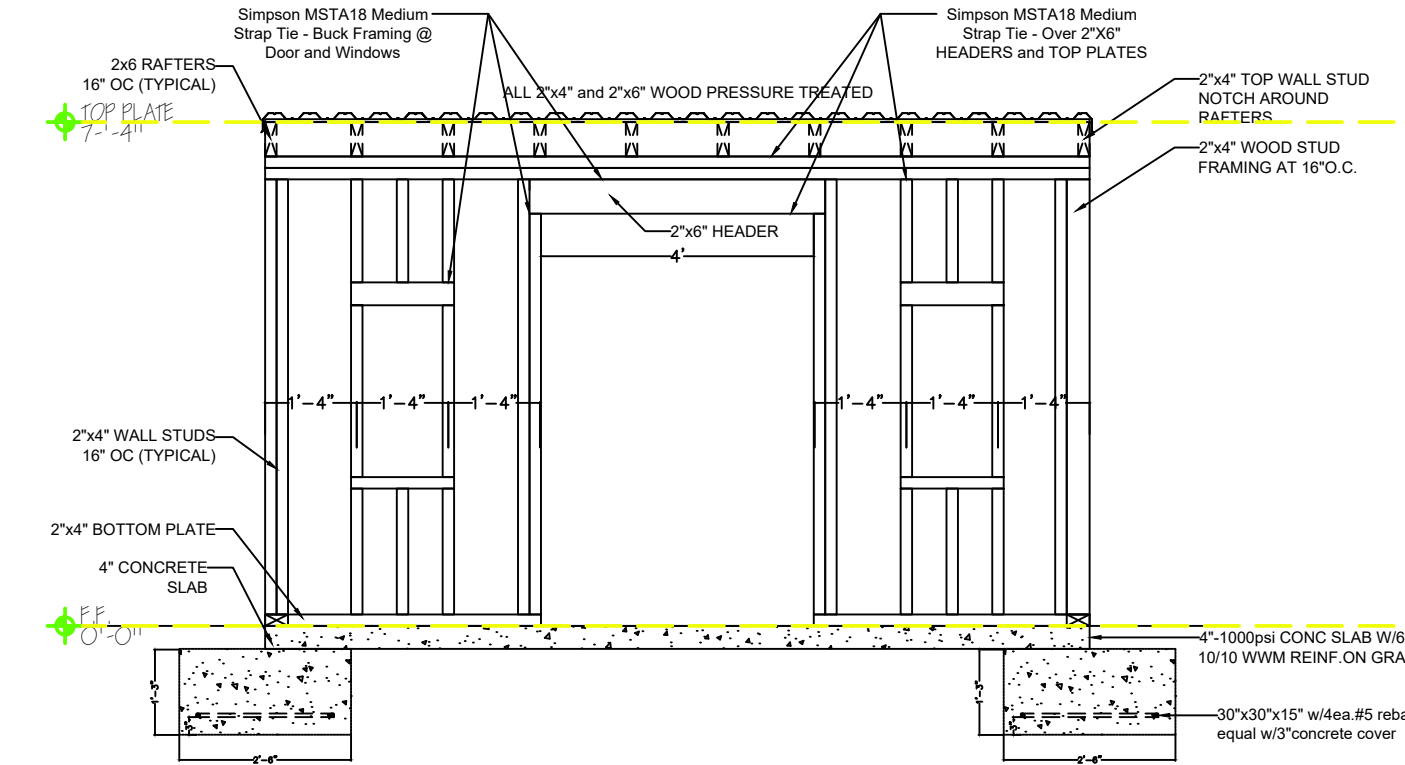
FASTENER SCHEDULE FOR STRUCTURAL MEMBERS			
DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENERS	SPACING OF FASTENERS	REMARKS AND SIZE
HEADER SCHEDULE (BEARING WALL)			
1) SPANS UP TO 4'-0" (2) 2x4; USE SPP NO. 2 UNLESS STATED OTHERWISE ON PLANS	(2) 80 COMMON (2 #7x0.131)	16" O.C.	
2) SPANS UP TO 6'-0" (2) 2x6; USE SPP NO. 2	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
3) SPANS UP TO 8'-0" (2) 2x8; USE SPP NO. 2	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
4) SPANS UP TO 8'-0" @ END WALL ONLY; (2) 2x6 SPP NO. 2	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
HEADER STUD REQUIREMENTS			
MAXIMUM 8'-0" WALL HEIGHT			
MAXIMUM HEADER SPAN (FEET):			
1) 3'-0" (1) FULL LENGTH STUD, ATTACH HEADER TO STUDS WITH (1) SIMPSON PCA FRAMING CLIP, OR USE (1) HEADER STUD & (1) FULL LENGTH STUD EACH SIDE.	(1) 80 COMMON (2 #7x0.131)	8" O.C.	
2) 4'-0" (1) FULL LENGTH STUD, ATTACH HEADER TO STUDS WITH (1) SIMPSON PCA FRAMING CLIP, OR USE (1) HEADER STUD & (1) FULL LENGTH STUD EACH SIDE.	(1) 160 COMMON (2 #7x0.162)	16" O.C.	
3) USE (1) LSTA 12 HEADER TO STUD EACH SIDE.	(1) 160 COMMON (2 #7x0.162)	16" O.C.	
DOUBLE STUDS, FACE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
DOUBLE TOP PLATES, FACE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
DOUBLE TOP PLATES, MINIMUM 24 INCH OFFSET OF END JOINTS, FACE NAIL IN LAPPED AREA	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOE NAIL	(2) 80 COMMON (2 #7x0.131)	8" O.C.	
TOP PLATES, LAP AT CORNERS AND INTERSECTIONS, FACE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
CEILING JOIST TO PLATE, TOE NAIL	(2) 80 COMMON (2 #7x0.131)	8" O.C.	
CONTINUOUS HEADER TO STUD, TOE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
CEILING JOIST LAP OVER PARTITIONS, FACE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
1" BRACE TO EACH STUD AND PLATE, FACE NAIL	(2) 80 COMMON (2 #7x0.131)	8" O.C.	
BUILT-UP CORNER STUDS	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
BUILT-UP GIRDERS AND BEAMS	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
ROOF RAFTERS TO RIDGE, VALLEY OR HP RAFTERS TOE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
FACE NAIL	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
BUILT-UP LVL BEAM - TOP LOAD 2 PLY, MAX. DEPTH 12"	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
DEPTH > 12"	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
4 OR MORE PLY	(2) 160 COMMON (2 #7x0.162)	16" O.C.	
3" BOLTS	(2) 160 COMMON (2 #7x0.162)	16" O.C.	



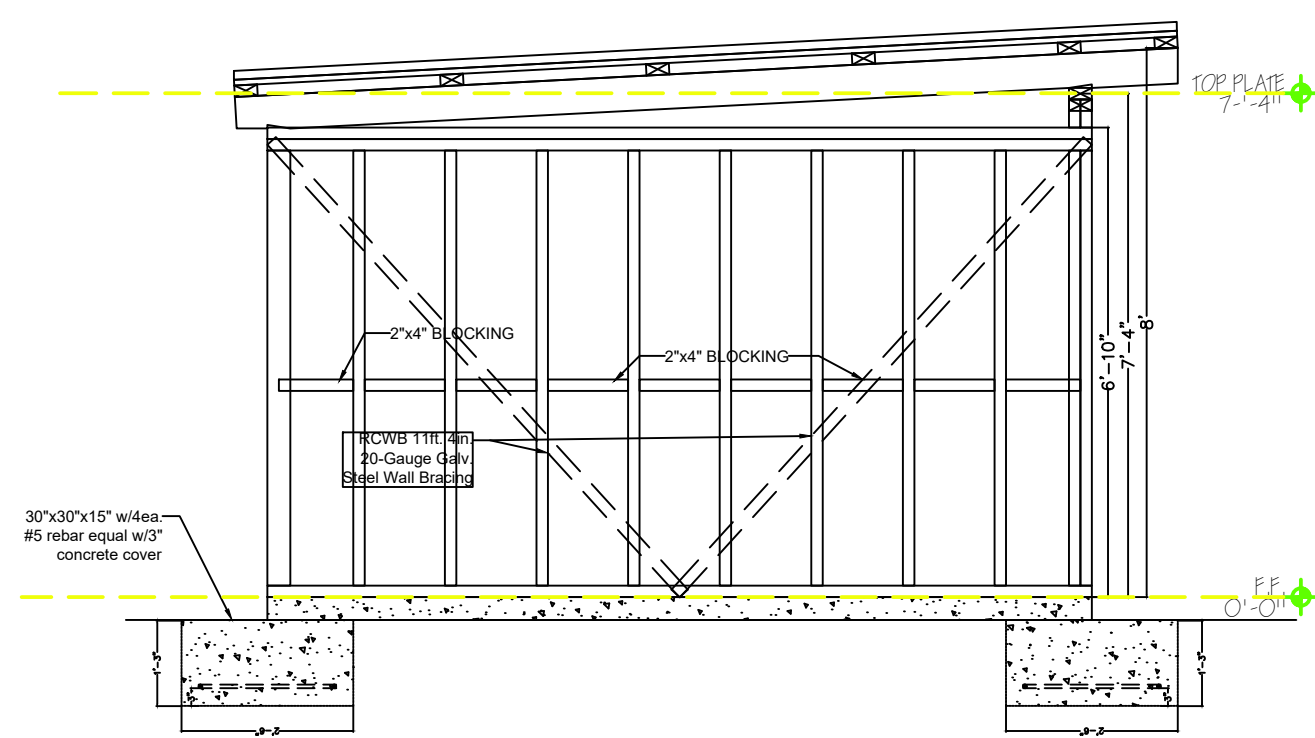
DETAIL
SCALE: NTS



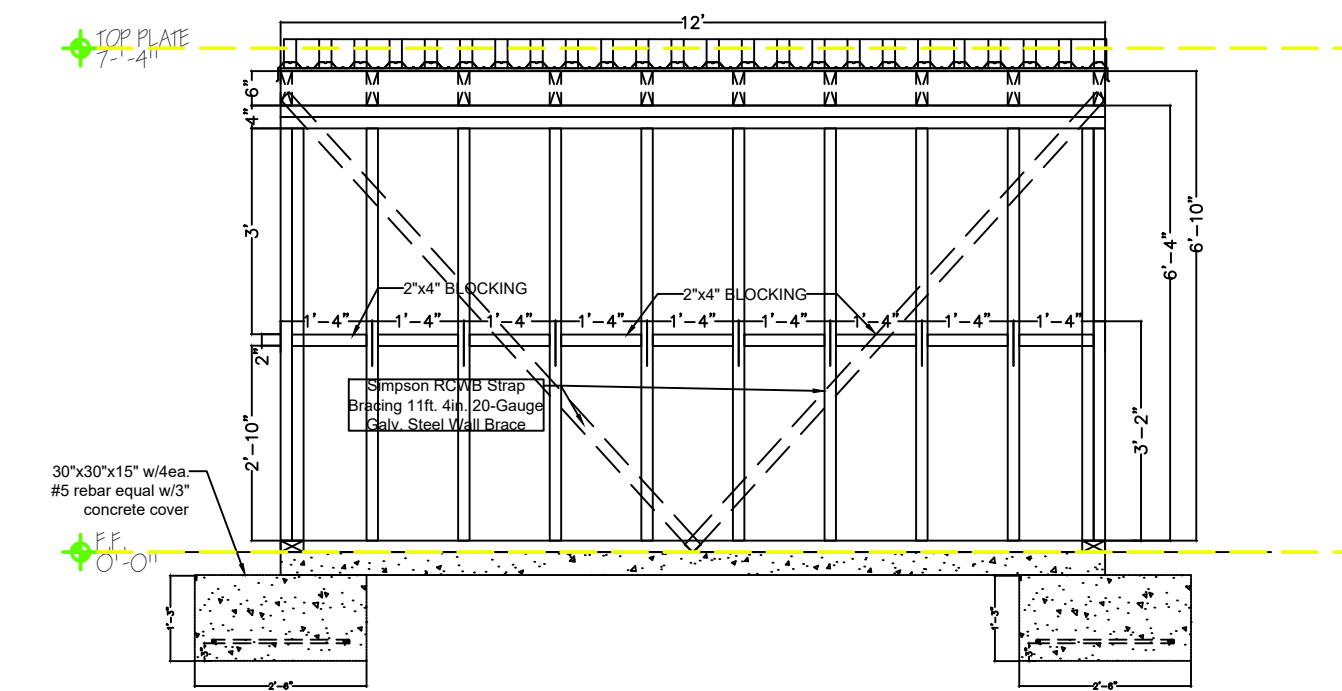
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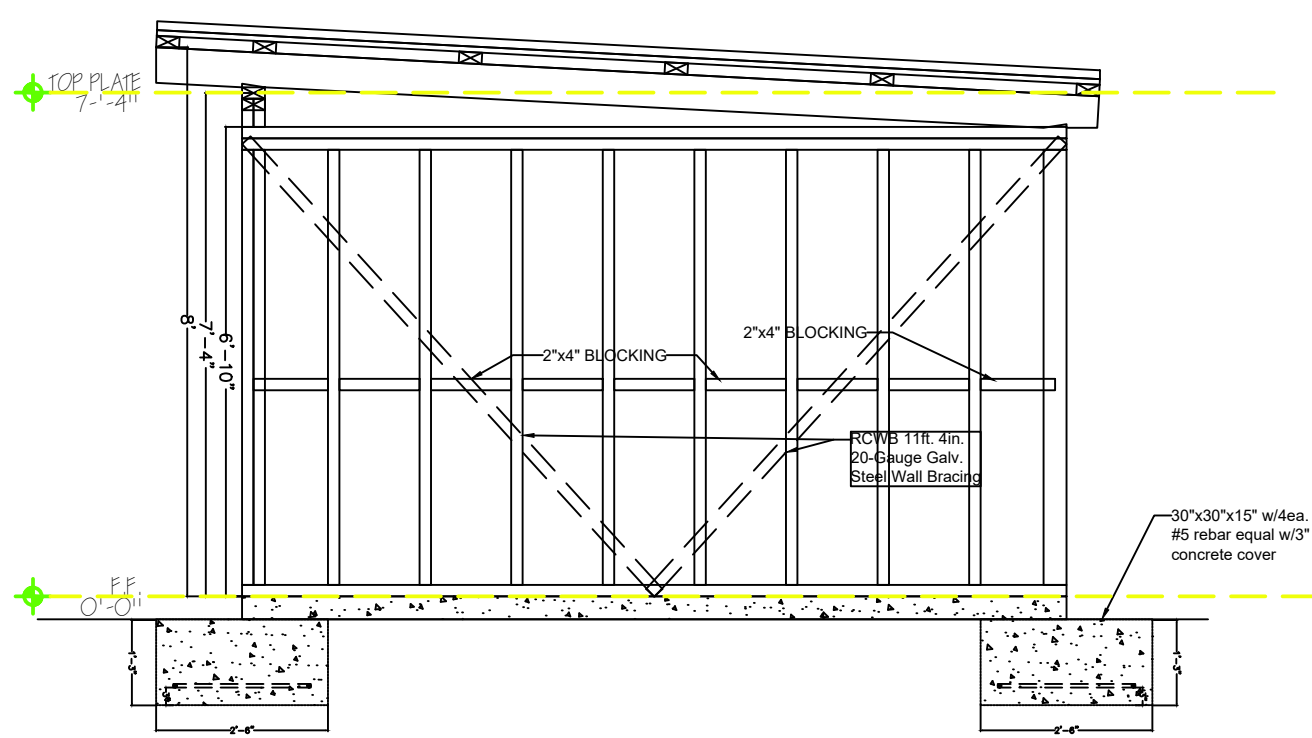
FRAMING FRONT
SCALE: 3/8"=1'-0"



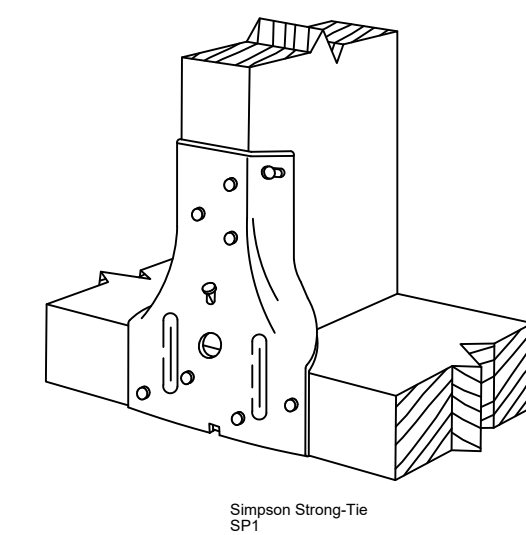
FRAMING SIDE
SCALE: 3/8"=1'-0"



FRAMING REAR
SCALE: 3/8"=1'-0"



FRAMING SIDE
SCALE: 3/8"=1'-0"



DETAIL
SCALE: NTS



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NEW STORAGE SHED ADDITION
7747 NATURE TRAIL
LAKELAND, FLORIDA 33803

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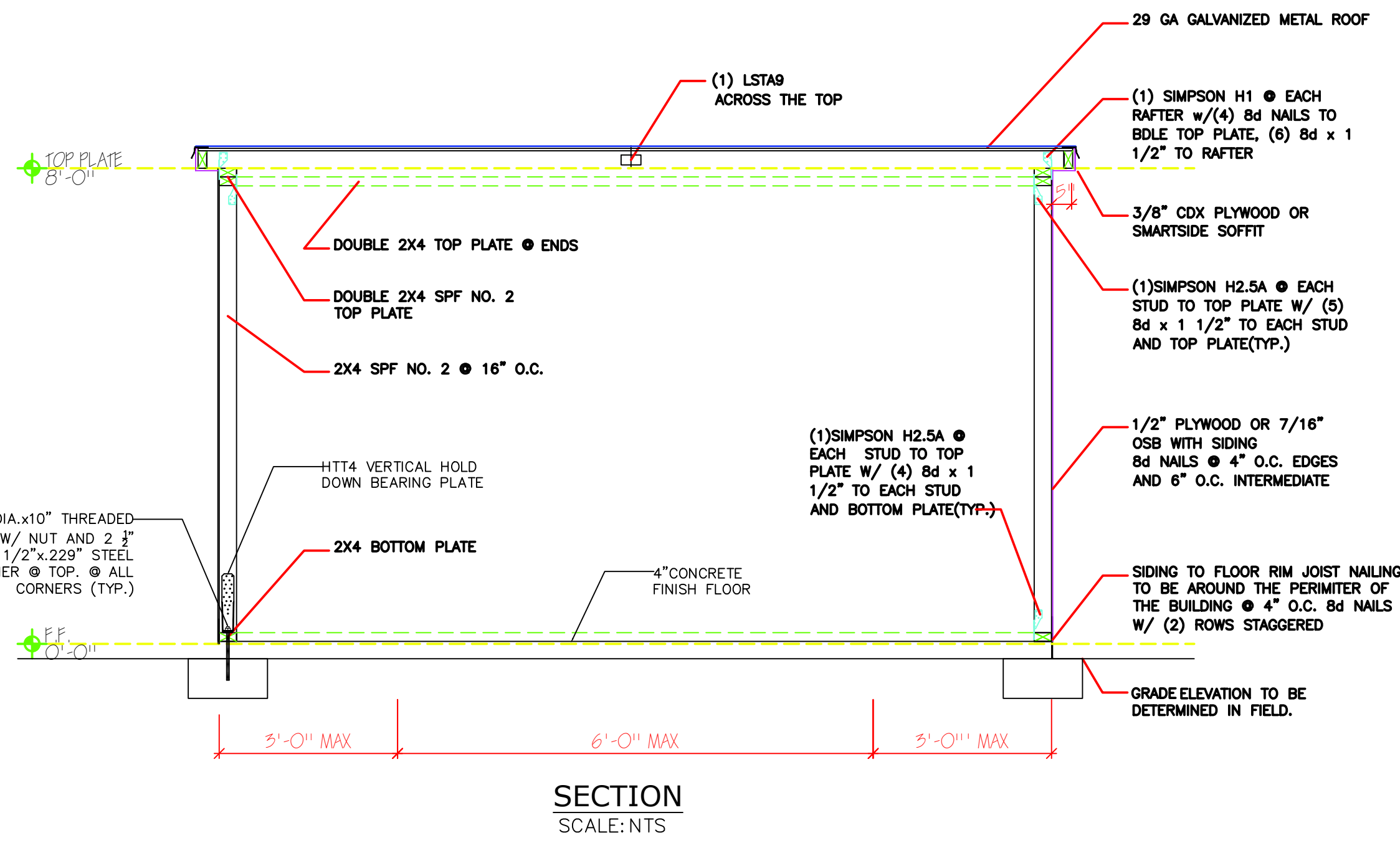
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PROJECT No: 060225.003

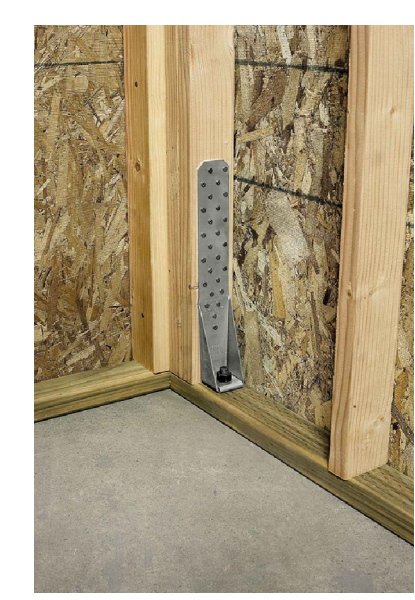
DATE: June 02, 2025

FRAMING PLAN
FRAMING ELEVATION
and
DETAILS

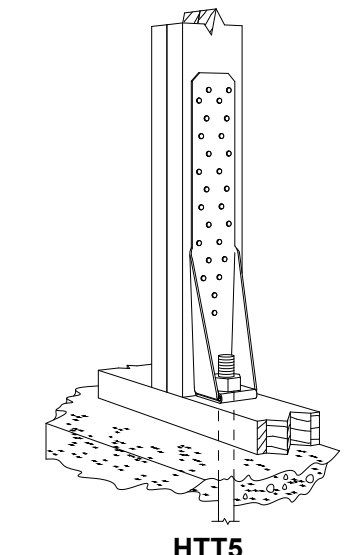
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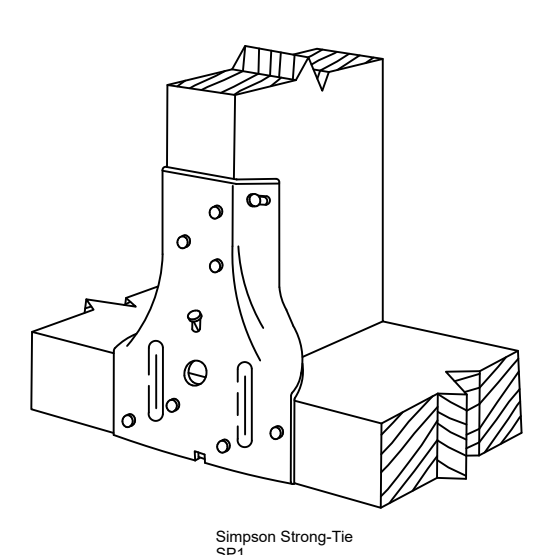
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 USE 2x6 PT FLOOR JOISTS @ 16" oc UP TO 8' FREE SPAN
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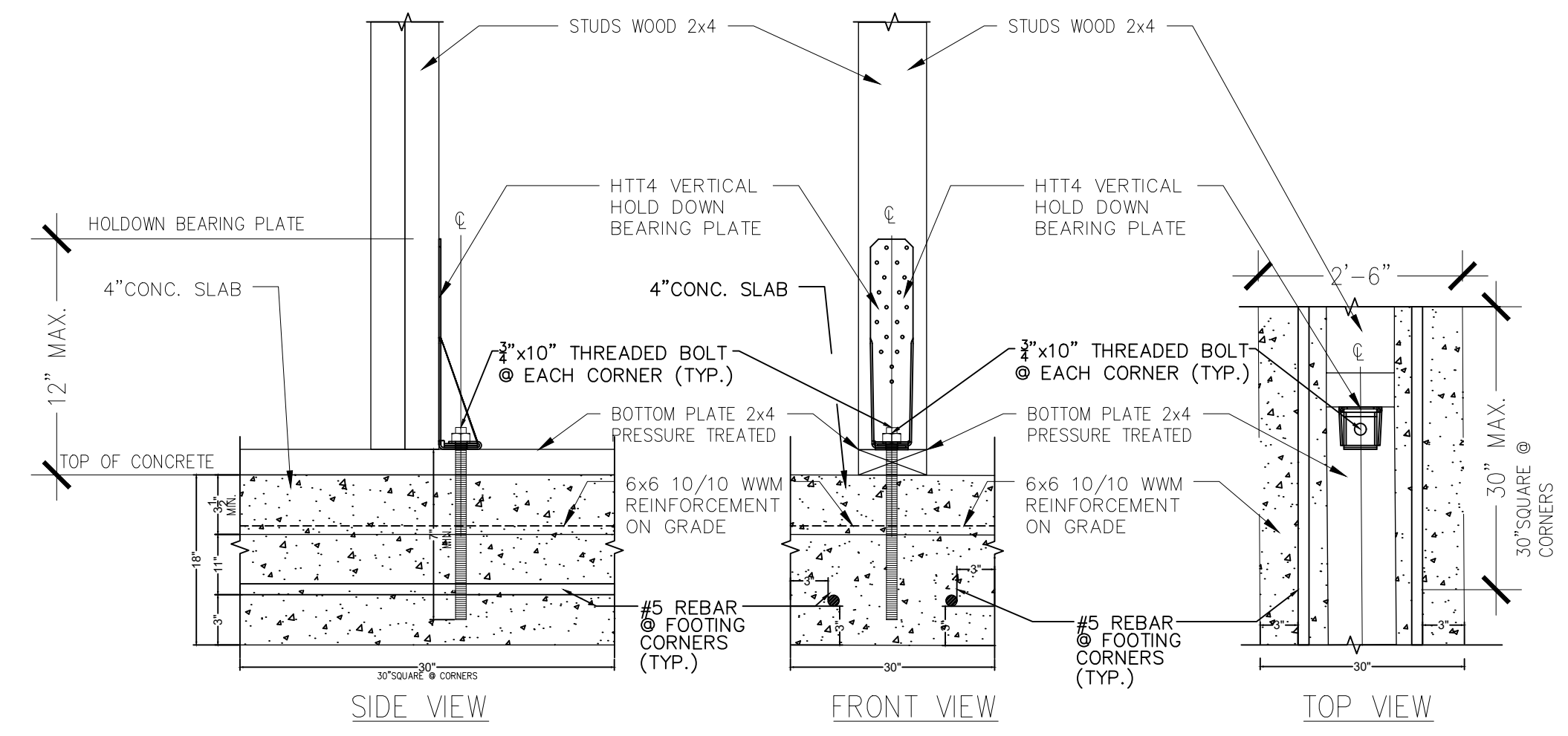
DETAIL
SCALE: NTS



HTT5
(HTT4 similar)
DETAIL
SCALE: NTS



HTT4
DETAIL
SCALE: NTS



HOLDOWN ANCHORED TO SILL PLATE
30"x30"

A
1 **DETAIL**
SCALE: 1/2" = 1'-0"



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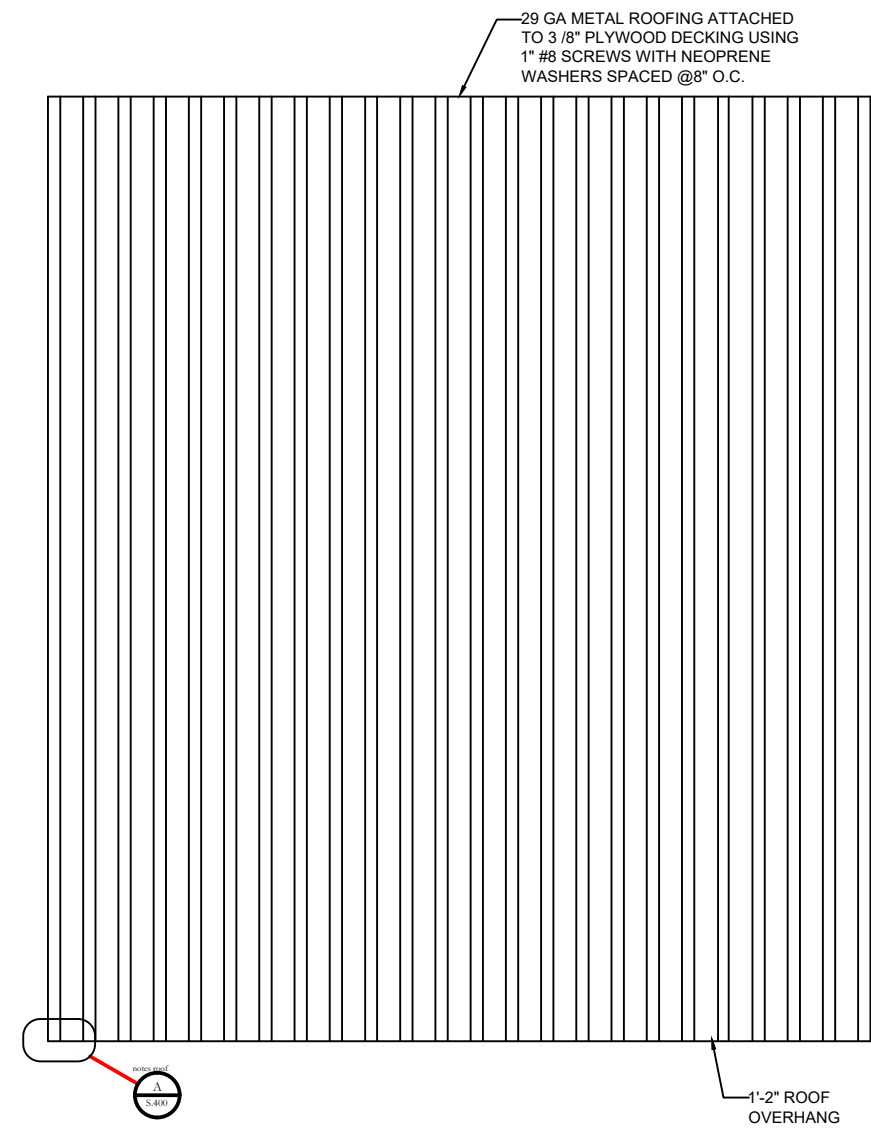
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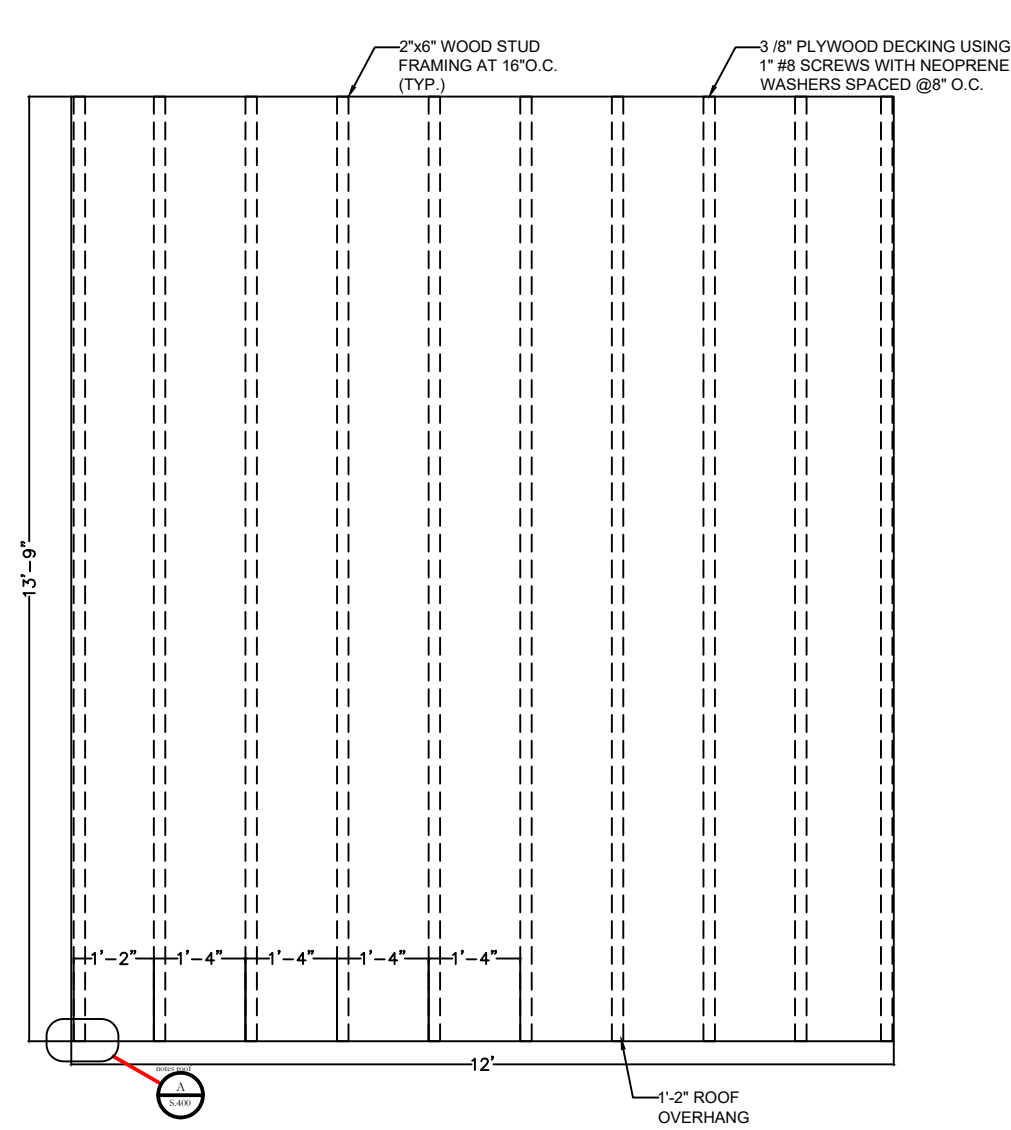
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BUILDING SECTION FOOTER DETAILS and DETAILS

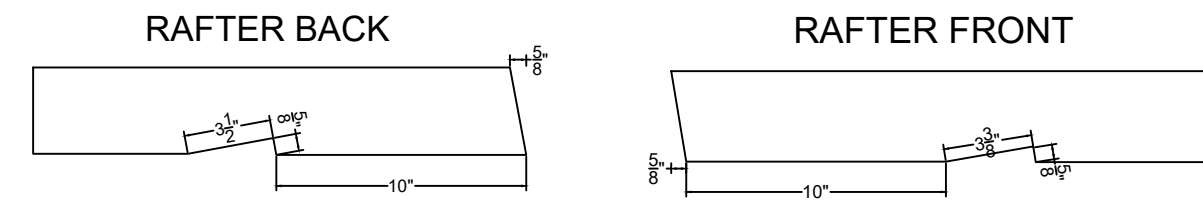
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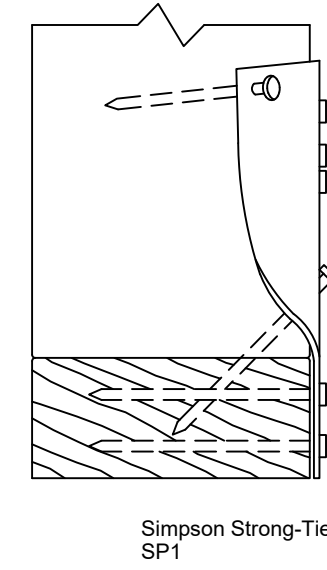
ROOF PLAN
SCALE: 3/8"=1'-0"



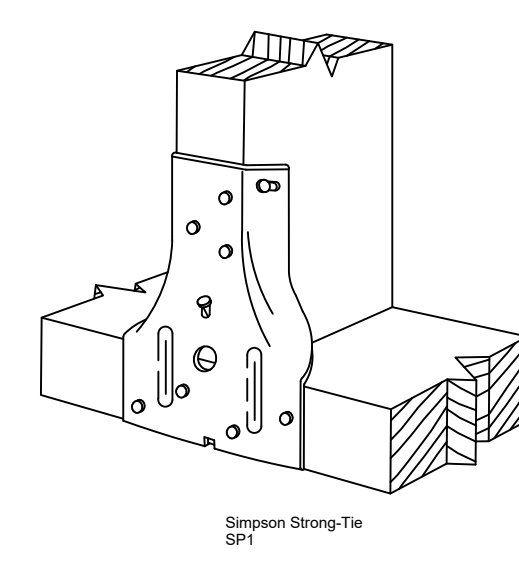
ROOF FRAMING PLAN
SCALE: 3/8"=1'-0"



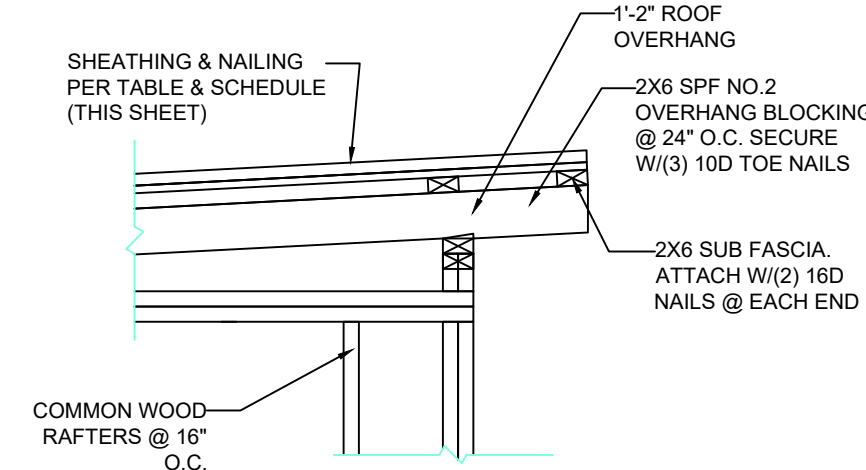
DETAIL
SCALE: NTS



DETAIL
SCALE: NTS



DETAIL
SCALE: NTS



DETAIL
SCALE: NTS

ROOF SHEATHING FASTENING NOTES

NAILING:
ALL ZONES: USE 8D RINGSHANK NAILS 4" O.C. EDGE & 4" INTERMEDIATE
NOTE:
IF PNEUMATIC NAILS ARE USED, USE A PASLODE OR EQUIVALENT, 2-3/8"x0.113 THREADED, COATED NAIL IN LIEU OF 8D RINGSHANK NAILS CALLED FOR ABOVE.

ROOF COVERAGE

29 GA GALVANIZED METAL ROOF OR SHINGLES SHALL COMPLY WITH ASTM D 7158 CLASS H OR ASTM D 3161 CLASS F OR TAS 107 OR AND R905.2.6.1 & TABLE R905.2.6.1 . ROOFING SHALL HAVE FLORIDA OR MIAMI - DADE PRODUCT APPROVAL FOR ULT WIND SPEED OF 180 MPH. INSTALL PER MANUFACTURER'S INSTRUCTIONS

SHEATHING REQUIREMENTS

SHINGLE OR METAL ROOF:
7/16" OR 1/2" C-D, GROUP 2, EXP. 1 APA RATED 24/16

WHERE PERMITTED BY LOCAL AUTHORITY, INNER SEAL OSB SHEATHING CAN BE USED:
SHINGLE OR METAL ROOF:
7/16", 5/32", OR 1/2" APA RATED 24/16

- NOTES:**
- PLYWOOD TO BE PERPENDICULAR TO FRAMING. END JOINTS SHALL BE STAGGERED.
 - CONTRACTOR SHALL INSTALL PLYWOOD USING PLYWOOD CLIPS WITH BUILT-IN SPACERS.
 - UNDERLAYMENT: REFERENCE TABLE R905.1.1 FOR UA=UNDERLAYMENT ATTACHMENT

METAL ROOF

- 4:12 AND GREATER
ASTM D 226 TYPE 11, UA2
ASTM D 4869 TYPE IV, UA2 ASTM D 6757, UA2
ASTM D 1970, UA3
- 4) ALL MEMBRANE FLASHINGS INSTALLED PER MANUFACTURER'S SPECIFICATIONS

THE ABOVE BUILDING/STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH ASCE 7-16 FOR GRAVITY AND DESIGN PRESSURES GENERATED BY A ULTIMATE WIND SPEED OF 150 M.P.H @ 3 SECOND GUST & NOMINAL WIND SPEED OF 116 M.P.H., 3 SECOND GUST.



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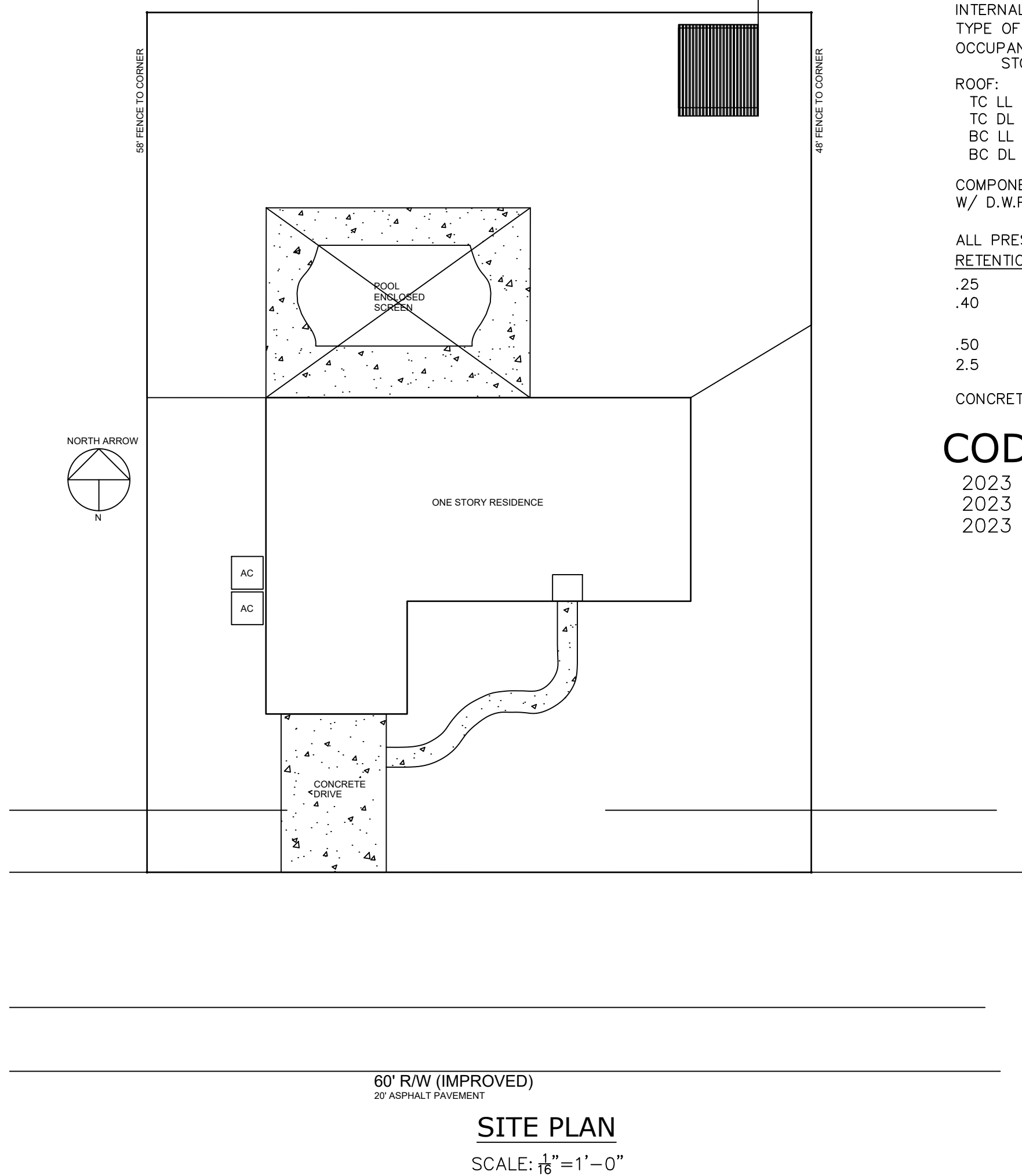
DATE: June 02, 2025

ROOF PLAN
ROOF FRAMING
and
DETAILS

SHEET NO:
A-5

PROJECT INFORMATION

NEW STORAGE SHED ADDITION



DESIGN CRITERIA:

DESIGN CONFORMS W/2023 FLORIDA BUILDING CODE, BUILDING, 8th EDITION.
 DESIGNED FOR: 150 MPH 3 SECOND GUST WIND FORCES PER ASCE-7-10 MINIMUM
 DESIGNED FOR: Vwsd 116 MPH WIND NOMINAL DESIGN FORCES
 DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES.
 EXPOSURE CATEGORY - B
 RISK CATEGORY - II
 TYPE III-B CONSTRUCTION
 INTERNAL PRESSURE COEFFICIENT = ±0.18
 TYPE OF OCCUPANCY = U: STORAGE
 OCCUPANT LOAD PER CHAPTER 10: MEANS OF EGRESS
 STORAGE: 300SF/OCCUPANT = 300SF / 300 = 1 OCCUPANTS

ROOF:

TC LL = 20PSF
 TC DL = 10PSF
 BC LL = 0
 BC DL = 10PSF

COMPONENTS AND CLADDING TO BE INSTALLED PER MANUFACTURERS SPECS
 W/ D.W.P. POS/NEG 30 PSF, CHAPTER 30 COMPONENTS/CLADDING (C&C)

ALL PRESSURE TREATED LUMBER SHALL BE AS FOLLOWS:
 RETENTION (LBS/CU. FT.)

.25	ABOVE GROUND
.40	GROUND CONTACT
.50	FRESH WATER
2.5	WOOD FOUNDATION
	SALT WATER

CONCRETE TO BE MIN. 1000psi. REBAR = 40,000 PSI

CODES:

2023 FLORIDA BUILDING CODE, 8th EDITION - BUILDING
 2023 FLORIDA BUILDING CODE, 8th EDITION - RESIDENTIAL
 2023 FLORIDA FIRE PREVENTION CODE, 8th EDITION



PROJECT DESCRIPTION:

NEW STORAGE SHED ADDITION IS A NEW CONSTRUCTION OF A BACKYARD STORAGE STRUCTURE. THE SHED WILL HOUSE AND STORE EQUIPMENT. THE BUILDING IS 7' TALL WITH A SLAB, AND IS CLASSIFIED AS ADDITION. THE EXTERIOR WALLS ARE LOAD BEARING WOOD WITH A ONLY STRUCTURE WITH CONCRETE FLOOR. THE ROOF AND FOUNDATION WILL BE TO CODE. THIS BUILDING WILL COMPLY WITH FLORIDA BUILDING CODE REQUIREMENTS.

INDEX OF DRAWINGS

PLAN SHEETS

- G-1 COVER SHEET-GENERAL-NOTES
- G-2 PROJECT INFORMATION
- A-1 FLOOR PLAN-ELEVATIONS-SECTION
- A-3 FRAMING PLAN-ELEVATIONS-DETAILS
- A-4 BUILDING SECTION-FOOTER DETAILS
- A-5 ROOF PLAN-FRAMING-DETAILS
- A-6 FOUNDATION PLAN-SECTION-DETAILS

CONTACT:

GENERAL CONTRACTOR:

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 LAKELAND, FLORIDA 33803
 P: 863-602-4368

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 2320 E. EDGEWOOD DRIVE
 LAKELAND, FLORIDA 33803
 PHONE: 863-687-4225
 FL REG NO. 24575

DESIGN COMPANY:

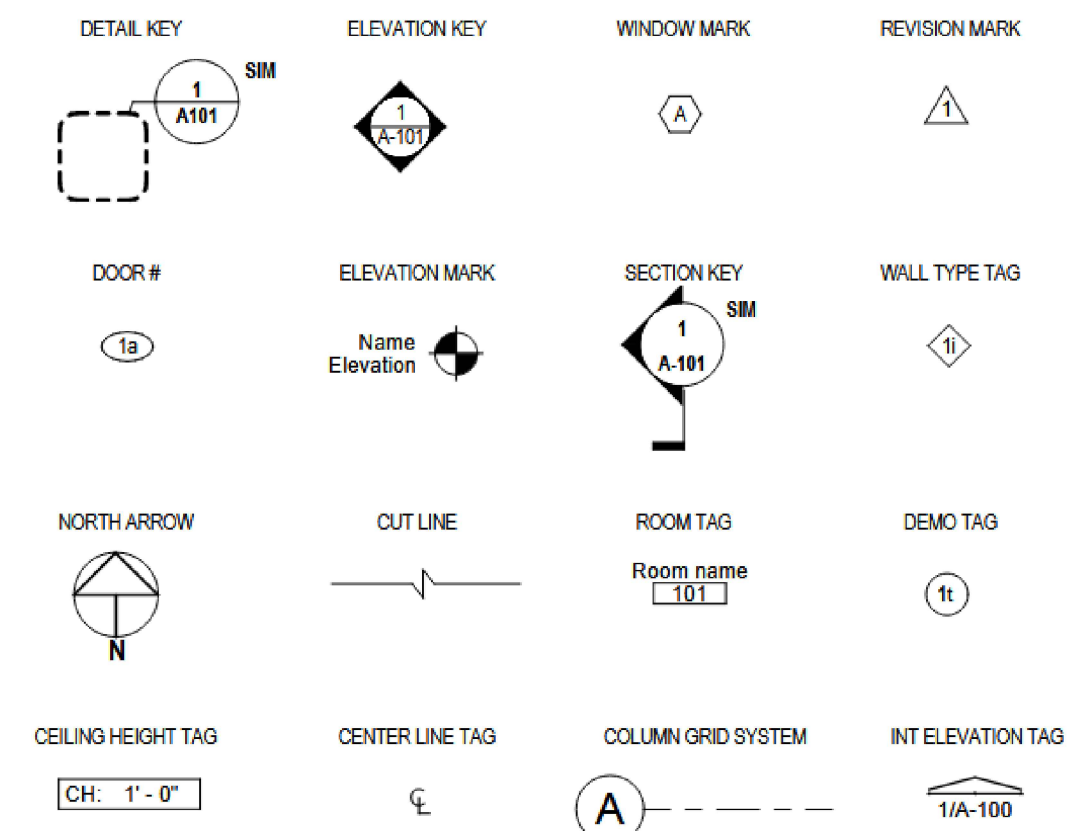
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PROJECT No: 060225.003

OWNER INFORMATION
 7747 NATURE TRAIL
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 P: 863-602-4368

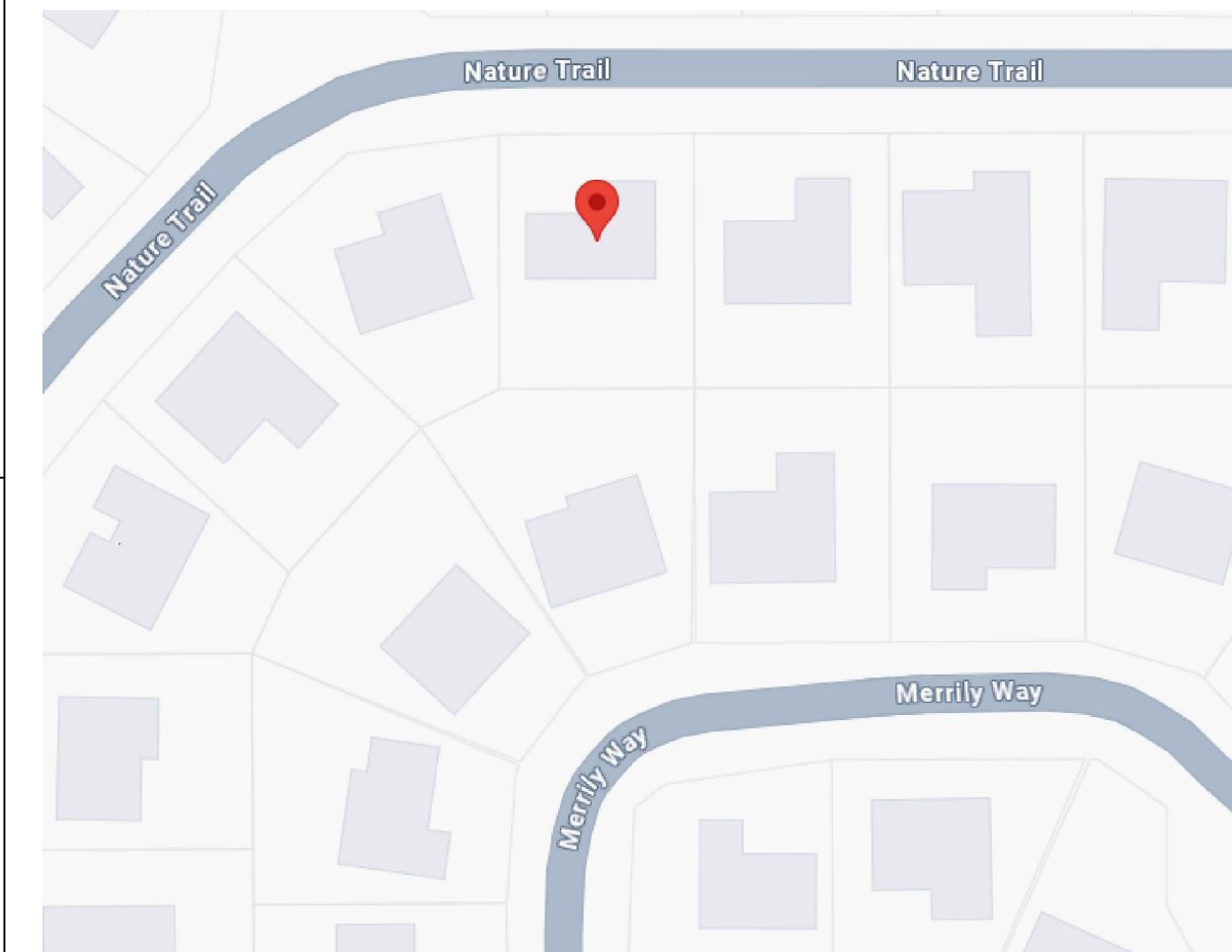
PROJECT INFORMATION

SYMBOLS LEGEND:



DRAWING TITLE
1 View Name
 1/8" = 1'-0"

VICINITY MAP:



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 BUILDING DESIGN

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7747 NATURE TRAIL
LAKELAND, FLORIDA 33803

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NOTE: THIS SET OF DRAWINGS DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. DO NOT SEPARATE THIS SET OF DRAWINGS INTO INDIVIDUAL SHEETS

PROJECT No: **060225.003**

DATE: **June 02, 2025**

COVER SHEET

SHEET NO:
G-1

GENERAL NOTES

- 1) THIS COVER SHEET AND ADDITIONAL ACCOMPANYING ATTACHMENT SHEETS REPRESENT MINIMUM DESIGN REQUIREMENTS FOR CONSTRUCTION OF THE ATTACHED SEALED PLANS IN ACCORDANCE WITH ASCE 7-22, FOR WIND PRESSURES SITED ON BUILDINGS IN THE ULTIMATE 150 MPH WIND ZONE (NOMINAL WIND SPEED 116 MPH) & NEC 2020.
- 2) THE RAISED SEAL SET (OR ELECTRONICS SEALED SET) OF PLANS ARE ON FILE IN THE THIRD PARTY AGENCY'S OFFICE AS DIRECTED BY THE DBPR.
- 3) THIS BUILDING HAS NOT BEEN DESIGNED OR APPROVED FOR PLACEMENT IN HIGH VELOCITY HURRICANE ZONES (HVHZ).
- 4) THE OWNER/CONTRACTOR SHALL VERIFY ALL PRODUCT AVAILABILITY, DIMENSIONS, SITE CONDITIONS, AND EQUIPMENT REQUIREMENTS BEFORE COMMENCING ANY WORK. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES AND OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- 5) THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUY'S, OR TIE-DOWNS.
- 6) DESIGN LOADS
 THE STRUCTURAL SYSTEM FOR THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 1609 OF THE 2023 FLORIDA BUILDING CODE, RESIDENTIAL.
- 7) THE MANUFACTURER'S DATA SHEET AND THE STATE (DBPR) INSIGNIA SHALL BE PERMANENTLY MOUNTED TO OR ABOUT THE ELECTRICAL PANEL.
- 8) THIS STRUCTURE HAS BEEN DESIGNED FOR ERECTION OR INSTALLATION ON A SITE BUILT PERMANENT FOUNDATION AND IS NOT DESIGNED TO BE MOVED ONCE SO ERRECTED OR INSTALLED. FOUNDATION SHALL ONLY BE APPROVED BY THE LOCAL BUILDING OFFICIAL.
- 9) ALL SITE RELATED WORK SUCH AS, BUT NOT LIMITED TO, FOUNDATION, TIE DOWN AND ELECTRICAL SERVICE SHALL BE BY OTHERS AND AS PER THE AHJ. NO ELECTRICAL, PLUMBING OR HVAC WORK IS INCLUDED IN THIS SHELL DESIGN
- 10) SITE ENVIRONMENTAL STUDIES, IF REQUIRED, ARE TO BE PERFORMED BY OTHERS.
- 11) PRODUCT/MATERIAL SUBSTITUTION IS PERMITTED IF THE SUBSTITUTE IS EQUAL OR GREATER THAN THE SPECIFIED PRODUCT. TESTING DATA AND/OR VERIFICATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 12) ALL REQUIRED PRODUCTS SHALL MEET FLORIDA PRODUCT APPROVAL RULE 61G20-3.006 (FAC)
- 13) ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. DO NOT SCALE THE DRAWINGS. FOLLOW WRITTEN DIMENSIONS ONLY. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PART OF THE WORK.
- 14) THIS BUILDING IS SUBJECT TO REVIEW AND APPROVAL OF THE FIRE INSPECTOR ON SITE WITH COMPLIANCE WITH CH. 633 FIRE SAFETY CODE.
- 15) ITEMS TO BE SITE INSTALLED AND SUBJECT TO LOCAL CODE REVIEW AND COMPLIANCE.

BUILDING NOTES

- 1) THESE STRUCTURAL DRAWINGS SHALL BE USED FOR THE CONSTRUCTION OF THE SHOWN STORAGE BUILDING. IN THE EVENT OF DIMENSIONAL DISCREPANCY, NOTIFY THE ENGINEER FOR RESOLUTION OF CONFLICT. ANY DEVIATION FROM THESE DRAWINGS MUST BE APPROVED BY THE ENGINEER.
- 2) THIS IS TO CERTIFY THAT THE WOOD FRAME STORAGE BUILDING AS SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2023 FLORIDA BUILDING CODE, RESIDENTIAL WITH ALL REVISIONS TO ASCE 7-22 FOR UP TO 150 MPH WIND VELOCITY.
- 3) MATERIALS.
 ALL VERTICAL LUMBER TO BE NO 2 GRADE SPF OR EQUIVALENT.
 ALL HORIZONTAL FLOOR FRAMING TO BE NO 2 GRADE SYP. ALL PLYWOOD/PLYWOOD GUSSETS SHALL CONFORM TO APA PDS-04.
 ALL CONNECTORS/FASTENERS (SIMPSON STRONG TIE OR APPROVED) APPLICABLE CODES, TO ASSURE SUPPORT.
 * NO 2 GRADE SPF LUMBER OR EQUIVALENT IS APPLICABLE UP TO 155MPH SPEED.
- 4) DIMENSIONS LABELED BY LETTERS VARY BY MODEL AND SIZE OF BUILDING AND SHALL BE OBTAINED FROM THE PROVIDED SCHEDULES.
- 5) NON-STRUCTURAL DETAILS AND ITEMS MAY BE CHANGED AT OWNERS DISCRETION.
- 6) ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIP GALVANIZED (G 185) OR STAINLESS STEEL. ALL LUMBER IN CONTACT WITH THE EARTH SHALL BE PRESSURE TREATED WITH PRESERVATIVE. EXTERIOR NON-TREATED WOOD SIDING SHALL NOT BE LESS THAN 12" FROM EXPOSED EARTH.
- 7) ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, CONCRETE/ANCHORING/ELECTRICAL CONNECTIONS, SHALL BE BY OTHERS.

SIMPSON CONNECTOR NOTES

- 1) SIMPSON CONNECTIONS SPECIFIED ARE DESIGNED AND MANUFACTURED FOR THE PURPOSES SHOWN, AND SHOULD NOT BE USED WITH OTHER CONNECTORS NOT APPROVED BY THE DESIGN ENGINEER. MODIFICATIONS TO PRODUCTS OR CHANGES IN INSTALLATION PROCEDURES SHOULD NOT BE MADE WITHOUT THE APPROVAL OF THE ENGINEER. THE PERFORMANCE OF SUCH MODIFIED PRODUCTS OR ALTERED INSTALLATION PROCEDURES IS THE SOLE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
 - 2) SUBSTITUTIONS FOR SIMPSON STRONG-TIE CO. INC.'S PRODUCTS SHALL BE APPROVED IF EQUAL AND APPROVED IN WRITING BY THE ENGINEER.
- INSTRUCTIONS FOR THE INSTALLER:
- 1) ALL SPECIFIED FASTENERS MUST BE INSTALLED ACCORDING TO THE INSTRUCTIONS IN THE SIMPSON CATALOG. INCORRECT FASTENER QUANTITY, SIZE, TYPE, MATERIAL, OR FINISH MAY CAUSE THE CONNECTION TO FAIL. 16D FASTENERS ARE COMMON NAILS (18GA X 3-1/2") UNLESS OTHERWISE SPECIFIED.
 - 2) BOLT HOLES SHALL BE A MINIMUM OF 1/32" AND A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
 - 3) INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
 - 4) PNEUMATIC OR POWDER-ACTUATED FASTENERS MAY DEFLECT AND INJURE THE OPERATOR OR OTHERS. NAIL GUNS MAY BE USED TO INSTALL CONNECTORS, PROVIDED THE CORRECT QUANTITY AND TYPE OF NAILS ARE PROPERLY INSTALLED IN THE NAIL HOLES. GUNS WITH NAIL HOLE-LOCATING MECHANISMS SHOULD BE USED. FOLLOW THE MANUFACTURERS INSTRUCTIONS AND USE THE APPROPRIATE SAFETY EQUIPMENT.

STRUCTURAL NOTES

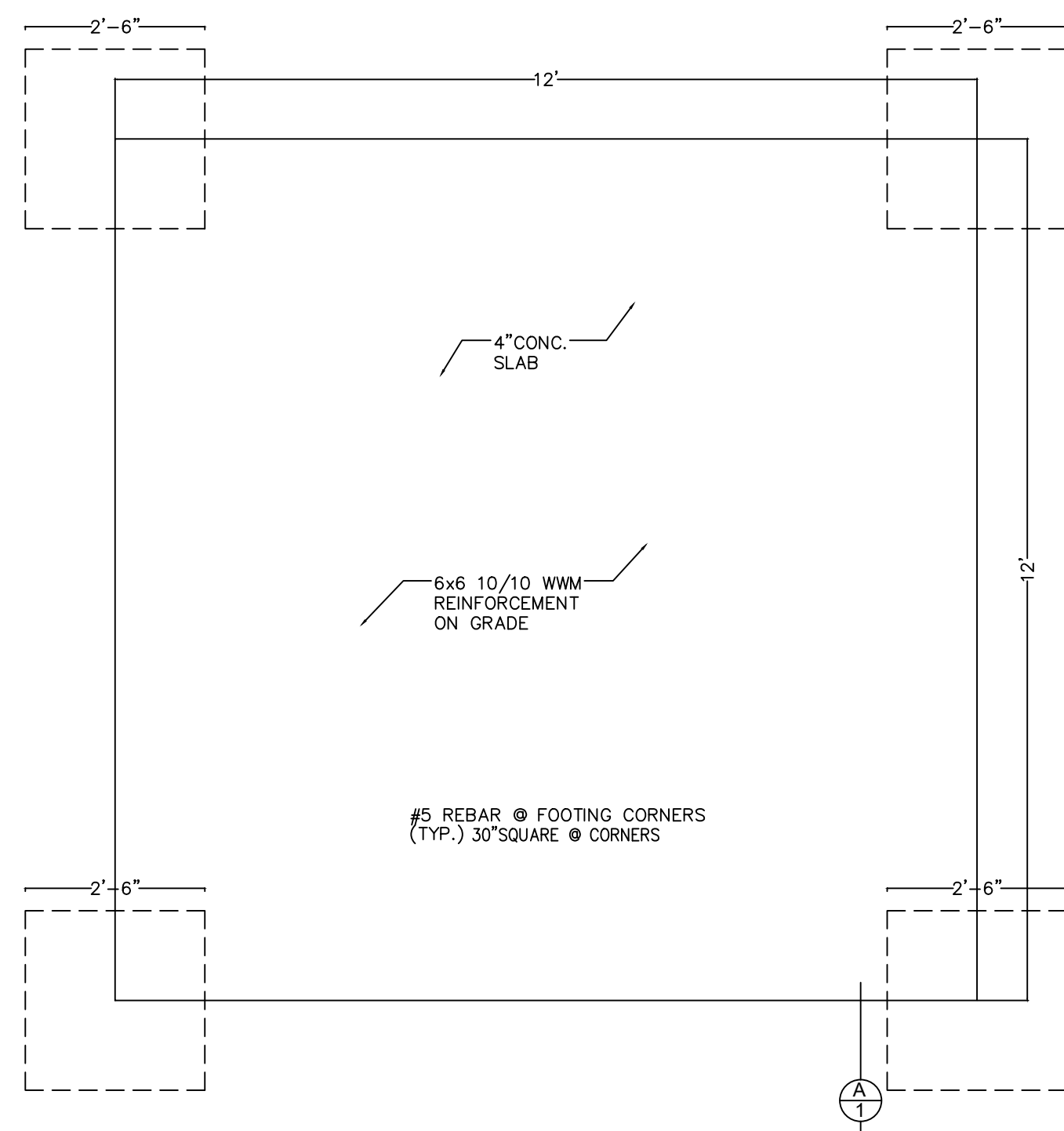
STRUCTURAL DESIGN IS IN ACCORDANCE WITH FLORIDA BUILDING CODE, RESIDENTIAL 2023 8TH EDITION

CODE NOTES

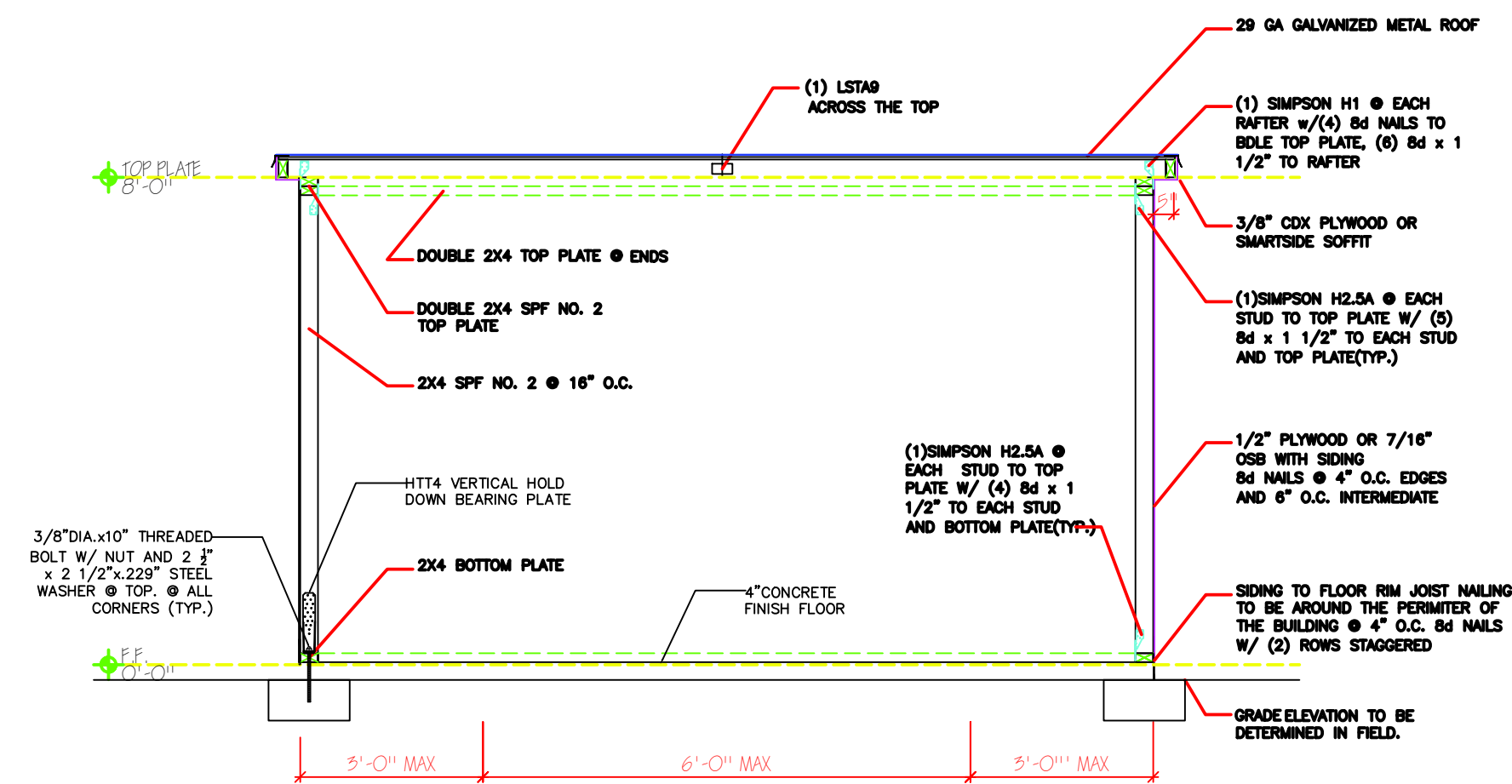
Code Version	2023 FBC Residential, 8th Ed.
Building Type	STORAGE, MEETS R3 STANDARDS
Construction Type	VB
Fire Protection	N/A
Fire Suppression System	N/A
Occupancy	UTILITY
Allowable Stories	1
Wind Velocity	150 mph*
Fire Rating Exterior Walls	N/A
Max Floor Load	Live 120 psf, Dead 10 psf
Roof Load	Live 20 psf, Dead 8 psf
"R" Ratings	N/A
Modules per Building	1
Square Footage	Max 144 sqft

WIND DESIGN DATA:

WIND LOAD: ULTIMATE WIND DESIGN SPEED, 3 SEC. GUST = 150MPH
 BUILDING RISK CATEGORY = I: STORAGE
 OCCUPANCY CATEGORY: U
 RISK CATEGORY: II
 WIND INTERIOR PRESSURE COEF: .18
 EXPOSURE B
 SURFACE ROUGHNESS: B

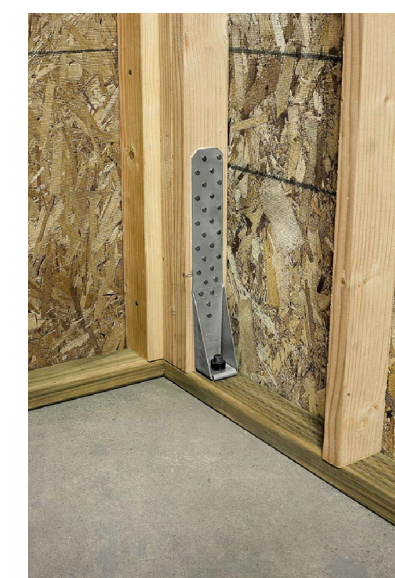


FOUNDATION PLAN
SCALE: 3/8"=1'-0"

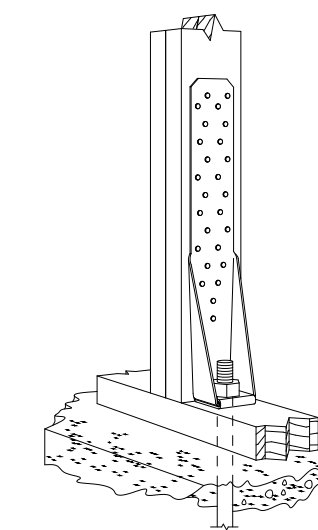


SECTION
SCALE: NTS

TYP. BUILDING SECTION @ ROOF
USE 2x6 PT FLOOR JOISTS @ 16" oc UP TO 8' FREE SPAN
FOR SHED 12' WIDE AND OVER, USE 2x6 RAFTERS
ENDS OF COLLAR TIES TO BE PLACED NO MORE THAN 4' (MEASURED HORIZONTALLY) FROM EITHER END OF RAFTER MEMBER.
ALL WOOD PLACE WITHIN 12" OF GRADE SHALL BE TREATED FOR TERMITE RESISTANCE.

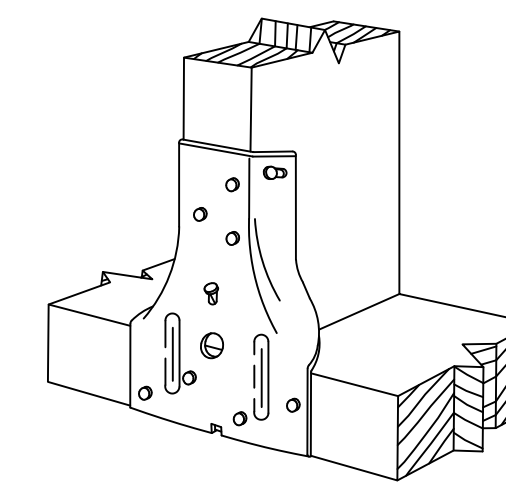


DETAIL
SCALE: NTS



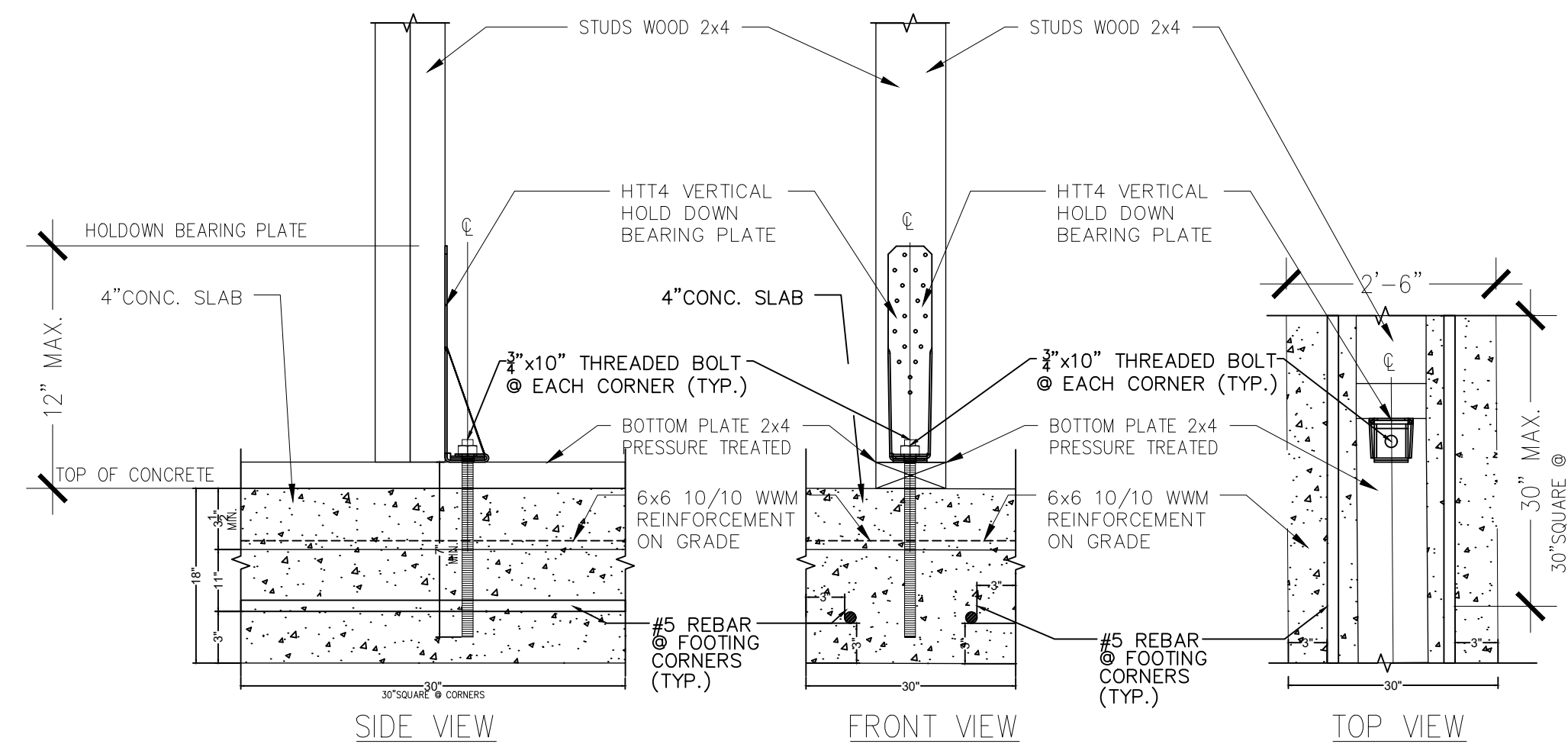
HTT5
(HTT4 similar)

DETAIL
SCALE: NTS



Simpson Strong-Tie
SP1

DETAIL
SCALE: NTS



HOLDOWN ANCHORED TO SILL PLATE
30"x30"

A
1 **DETAIL**
SCALE: 1 1/2" = 1'-0"



concept architectural designs

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FOUNDATION PLAN
BUILDING SECTION
and
DETAILS

SHEET NO:
S-1