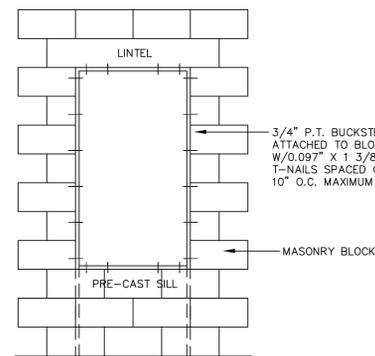
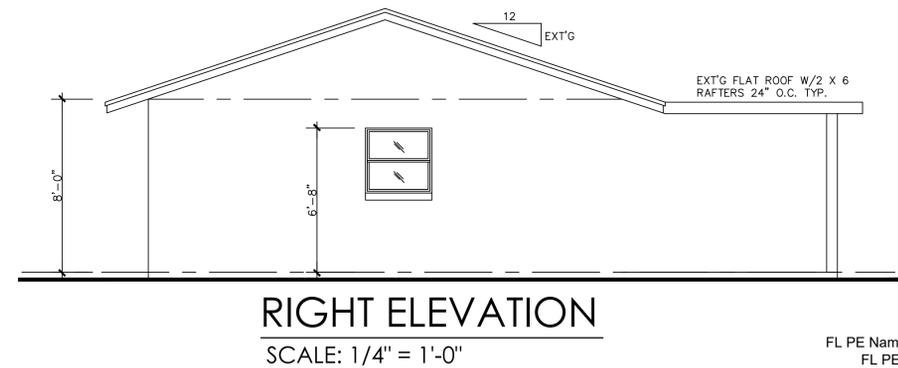
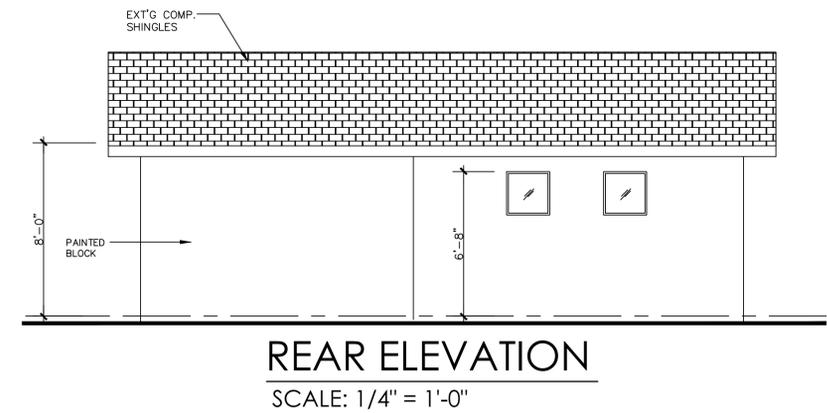
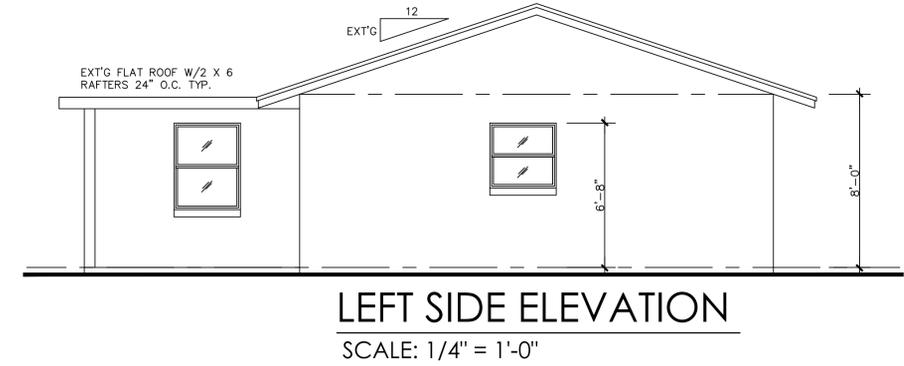
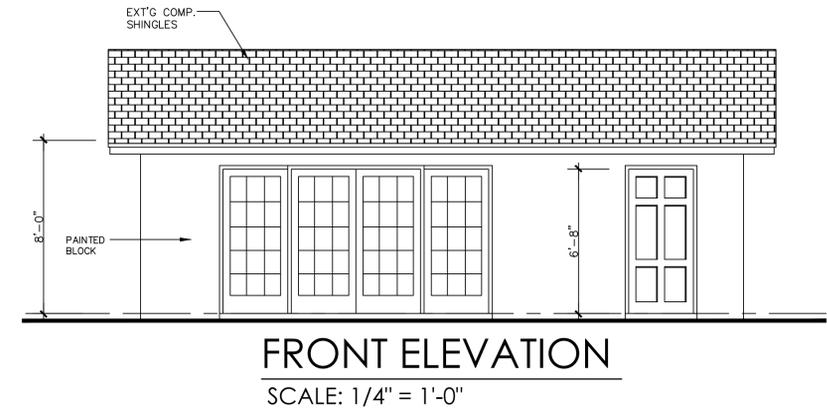
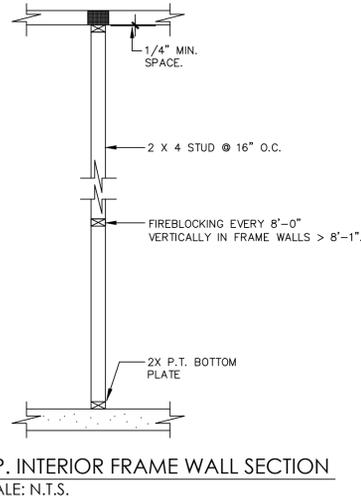
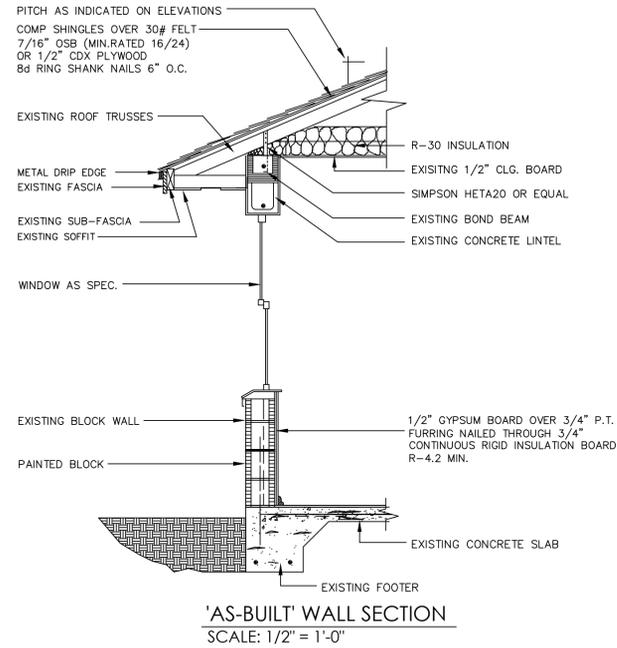


AREA SPECIFICATIONS	
LIVING AREA	743 SQ. FT.
STORAGE	153
TOTAL	896 SQ. FT.



WINDOWS & DOORS MUST BE INSTALLED SUCH THAT THE MAXIMUM GAP IN BETWEEN THE FRAME AND BUCKSTRIP IS 1/4"; IF THICKER BUCKSTRIP MATERIAL IS NEEDED RIP IT FROM 1 1/2" MATERIAL & ATTACH TO BLOCK WITH 3/16" TAPCONS AT 8" O.C.

ATTACH WINDOW & DOOR FRAMES TO BLOCK WALL W/TAPCON SCREWS SPACED AT WINDOW/DOOR MANUFACTURERS SPECIFICATIONS (TAPCONS MUST PENETRATE THROUGH BUCKSTRIPS & INTO BLOCK WALL 1 1/4" MINIMUM).

PLAN NOTES

THESE PLANS REFLECT THE DETAILS OF AN EXISTING "AS-BUILT" CONCRETE BLOCK BUILDING AND ITS INTERIOR/EXTERIOR COMPONENTS. NO NEW CONSTRUCTION IS SCHEDULED TO BE PERFORMED TO THE EXISTING STRUCTURE. THESE PLANS INDICATE THE EXISTING COMPONENTS BASED ON WHAT IS VISUALLY ACCESSIBLE. NO EXPLORATORY DEMOLITION HAS BEEN PERFORMED. ALL ELECTRICAL & PLUMBING SHOULD MEET THE MINIMUM REQUIREMENTS OF THE MOST UP-TO-DATE BUILDING CODE CRITERIA. THE STRUCTURAL COMPONENTS OF THE BUILDING ARE THAT OF ITS ORIGINAL CONSTRUCTION AND HAVE NOT BEEN ALTERED.

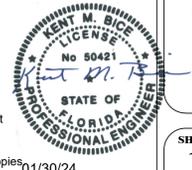
CODE CRITERIA FLORIDA BUILDING, EXISTING & RESIDENTIAL CODE 8TH ED. (2023)
NFPA 70-17, NATIONAL ELECTRICAL CODE (NEC) & 8TH FBRC CH. 34-43

WIND LOAD CRITERIA

WIND SPEED (ULTIMATE)	140 MPH
WIND SPEED (ALLOWABLE)	108.5 MPH
EXPOSURE CATEGORY	B
BUILDING RISK CATEGORY	II
BUILDING TYPE	V
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	± 0.18
ROOF LIVE LOAD	30 PSF
ROOF DEAD LOAD	35 PSF

IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE AMERICAN SOCIETY OF CIVIL ENGINEERS ASCE 7-16, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES."

FL PE Name: Kent M. Bice
FL PE #: 50421
FL COA #: 30468



Kent M. Bice PE - This item has been electronically signed and sealed by Kent M. Bice using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

DRAWING NO. 224022
DATE: January 2024
As-Built Plan

SHEET 1 OF 2



CLIENT

Nancy Oliva
1310 Lake Millsite Dr W
Winter Haven, FL 33880

NOTES:

NOTE: WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS TO AVOID MISTAKES, THE DESIGNER CANNOT GUARANTEE THE ACCURACY OF THE DIMENSIONS AND OTHER DETAILS ON THE PLANS AND NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS BEFORE STARTING CONSTRUCTION.

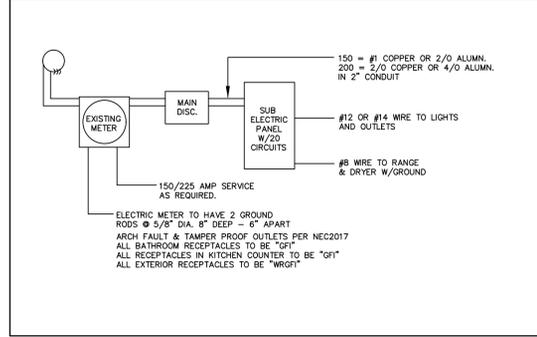
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ELECTRICAL LEGEND

110V OUTLET	
EXTERIOR OUTLET	
220V OUTLET	
WALL SWITCH	
DIMMER SWITCH	
CEILING LIGHT	
EXHAUST FAN	
CAN LIGHT	
WALL LIGHT	
TV	
PHONE	
PENDANT LIGHT	
SOFFIT LIGHT	
CEILING FAN	
SMOKE/CARBON MONOXIDE DET.	
FLOURESCENT LIGHT	
TYP. ELECTRICAL LINE	
PULL CHAIN	

ELECTRICAL RISER DIAGRAM



ELECTRICAL NOTES

ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE CODES. ELECTRICAL LAYOUT SHOWN ON THIS PLAN IS FOR BID PURPOSES AND MAY BE SUBJECT TO CHANGE PER CONTRACTOR AND IN ACCORDANCE TO ELECTRICAL CODE.

COORDINATE ELECTRICAL SERVICE WITH FLORIDA POWER AND LIGHT COMPANY.

ELECTRICAL INSTALLATION DESIGN OF THIS PLAN IN COMPLIANCE AS SET FORTH BY STATE OF FLORIDA STATUTES MODEL ENERGY EFFICIENCY CODES.

THE CONTRACTOR WILL EXAMINE JOB SITE AND DETERMINE EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID.

ALL ELECTRICAL WORKS SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. IT WILL BE HIS OR HER RESPONSIBILITY TO SECURE AND PAY FOR ANY PERMITS, CERTIFICATES OF INSPECTION, AS REQUIRED.

MATERIALS, APPLIANCES, DEVICES AND EQUIPMENT SHALL MEET WITH THE REQUIREMENTS OF UNDERWRITERS' LABORATORIES AND SHALL BE NEW AND THE LATEST STANDARD PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE PRODUCTION OF THE ITEM. UNLESS OTHERWISE INDICATED, LIKE ITEMS SHALL BE THE PRODUCT OF A SINGLE MANUFACTURER.

LOCATION OF OUTLETS IN DRAWINGS IS DIAGRAMMATIC; CHECK MANUFACTURERS DRAWINGS FOR EXACT LOCATION OF OUTLETS.

PROVIDE TYPEWRITTEN SCHEDULES FOR ALL PANELBOARDS, COMPLY WITH CODE REQUIREMENTS.

CONTRACTORS SHALL VERIFY ALL ELECTRICAL LOADS AND BREAKER SIZES FOR ALL EQUIPMENT AND FIXTURES PRIOR TO INSTALLATION AND NOTIFY THE OWNER OR ENGINEER OF ANY DISCREPANCIES.

ALL BATHROOM, GARAGE, UTILITY ROOMS, KITCHEN COUNTERTOPS AND EXTERIOR WEATHERPROOF RECEPTACLES SHALL HAVE GFI CIRCUITS. USE GFI BREAKERS ON GFI RECEPTACLES.

PROVIDE WEATHERPROOF DISCONNECTS AT A/C COMPRESSOR.

A.H.U. SHALL HAVE A DISCONNECT LOCATED INSIDE UNIT IF NO WALL SPACE IS AVAILABLE.

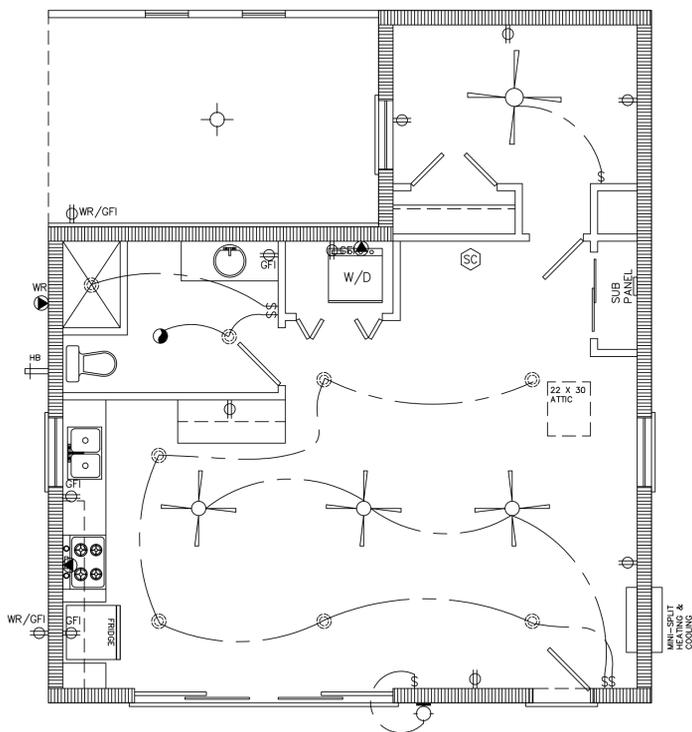
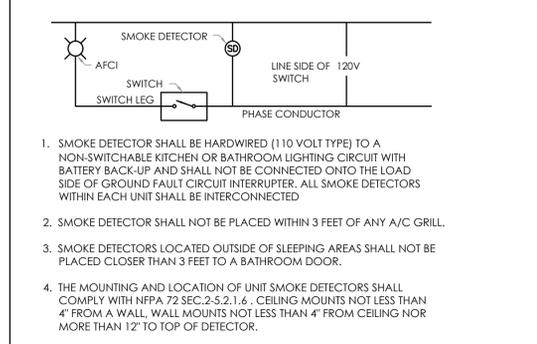
ALL WIRE SIZES ARE BASED ON COPPER.

RANGE AND DRYER SHALL HAVE BOTH NEUTRAL AND GROUNDING WIRE PER NEC ARTICLE 250-140.

120 VOLT SMOKE DETECTORS SHALL BE INSTALLED AHEAD OF ALL SWITCHES AND SHALL BE CONNECTED TO BATHROOM OR KITCHEN LIGHTING CIRCUITS. SMOKE DETECTORS SHALL COMPLY WITH THE REQUIREMENTS OF SUBSECTION 905.2.2 OF THE FLORIDA BUILDING CODE 2023 ED. AND NFPA 72.

PROVIDE ARC FAULT CIRCUIT BREAKERS FOR ALL CIRCUITS CONNECTED TO BEDROOMS.

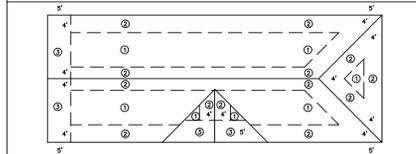
SMOKE DETECTOR CONNECTION DETAIL



ELECTRICAL LAYOUT

SCALE: 1/4" = 1'-0"

ROOF NAILING DIAGRAM



ATTIC VENTILATION SECTION 1203.2 ATTIC SPACE

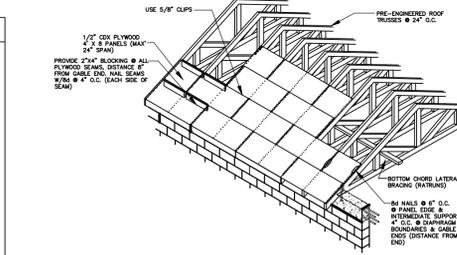
ENCLOSED ATTIC & ENCLOSED RAFTER SPACES FORMED WHERE CEILING ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF FRAMING MEMBERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE ENTRANCE OF RAIN AND SNOW. BLOCKING AND BRIDGING SHALL BE ARRANGED SO AS NOT TO INTERFERE WITH THE MOVEMENT OF AIR. A MINIMUM OF 1" (25mm) OF AIRSPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING. THE NET FREE VENTILATION AREA SHALL NOT BE LESS THAN 1/150 OF THE AREA OF THE SPACE VENTILATED. WITH 50% OF THE REQUIRED VENTILATED AREA PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3'-0" (914mm) ABOVE SAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS.

EXCEPTION: ATTIC SPACES DESIGNED BY A FLORIDA LICENSSED ENGINEER OR REGISTERED ARCHITECT TO ELIMINATE THE ATTIC VENTING.

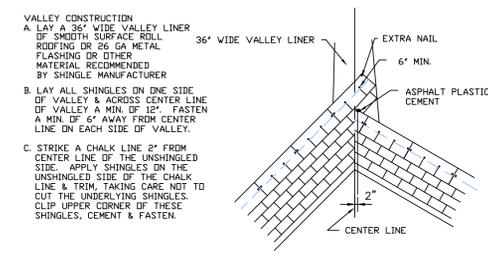
CALCULATIONS- 743 SQ. FT.
356 MIN. SQ. IN. OF NET FREE AREA EXHAUST NEAR RIDGE
356 MIN. SQ. IN. OF NET FREE AREA INTAKE AT OR NEAR THE SOFFIT

'AS-BUILT' ROOF PLAN

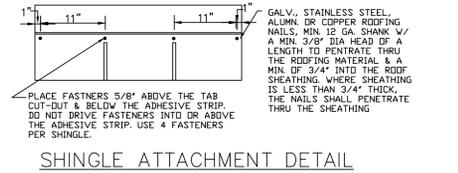
SCALE: 1/4" = 1'-0" (TRUSS PLAN BY OTHERS)



PLYWOOD NAILING SCHEMATIC

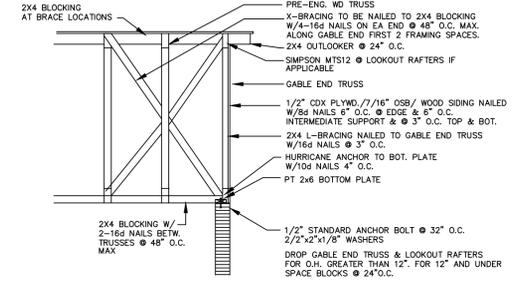


SHINGLES VALLEY DETAIL



SHINGLE ATTACHMENT DETAIL

STUD SPACING W/O BRACE	2x4 L-BRACE	(2) 2x4 L-BRACE OR (1) 2x6	(2) 2x6 L-BRACE
16" O.C.	3'-8"	7'-0"	9'-6"
24" O.C.	3'-3"	6'-2"	8'-4"
			11'-6" +



GABLE END TRUSS DETAIL

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NOTES:

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CLIENT

BBD
By Kent M. Bice, P.E., EIT, 30080
Professional Engineer License No. 50421
Professional Seal No. 50421

DRAWING NO. **224022**
DATE: **January 2024**
As-Built Plan

FL PE Name: Kent M. Bice
FL PE #: 50421
FL COA #: 30468

Kent M. Bice PE - This item has been electronically signed and sealed by Kent M. Bice using a Digital Signature. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

KENT M. BICE
No 50421
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET **2** OF **2**

NOTE: WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THESE PLANS TO AVOID MISTAKES, THE DESIGNER CANNOT GUARANTEE THE ACCURACY OF THE INFORMATION AND DIMENSIONS AND OTHER OR FAILURE ON THE PLANS AND NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS BEFORE STARTING CONSTRUCTION.

CONTRACTOR TO VERIFY ALL AREA CALCULATIONS AND DIMENSIONS BEFORE STARTING CONSTRUCTION.