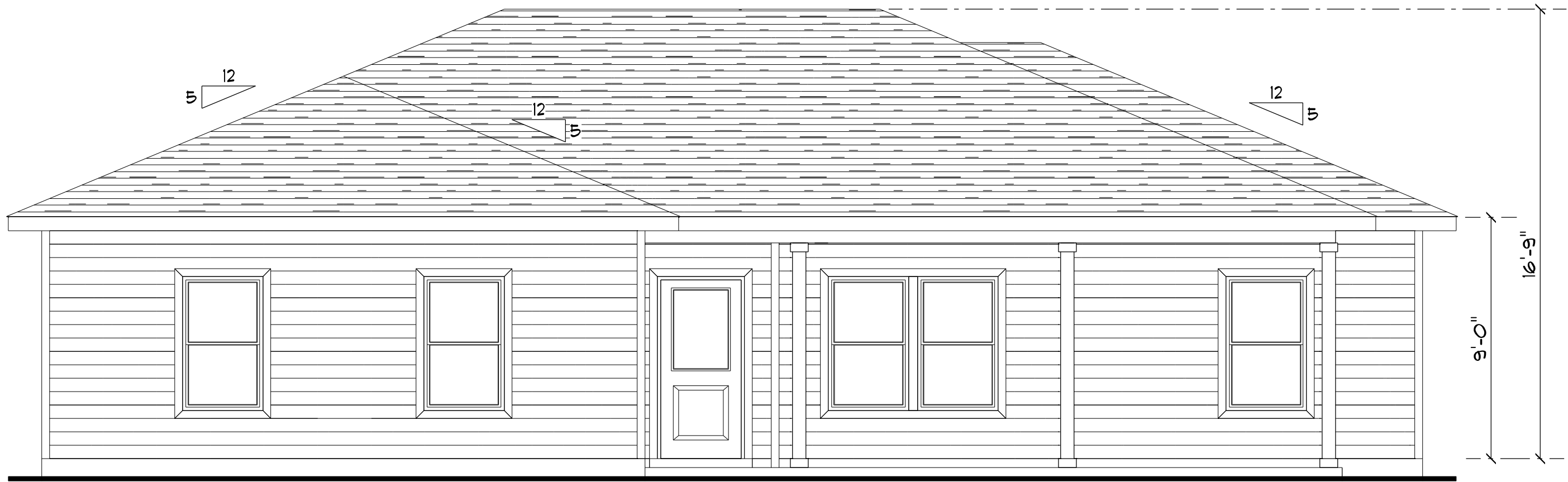
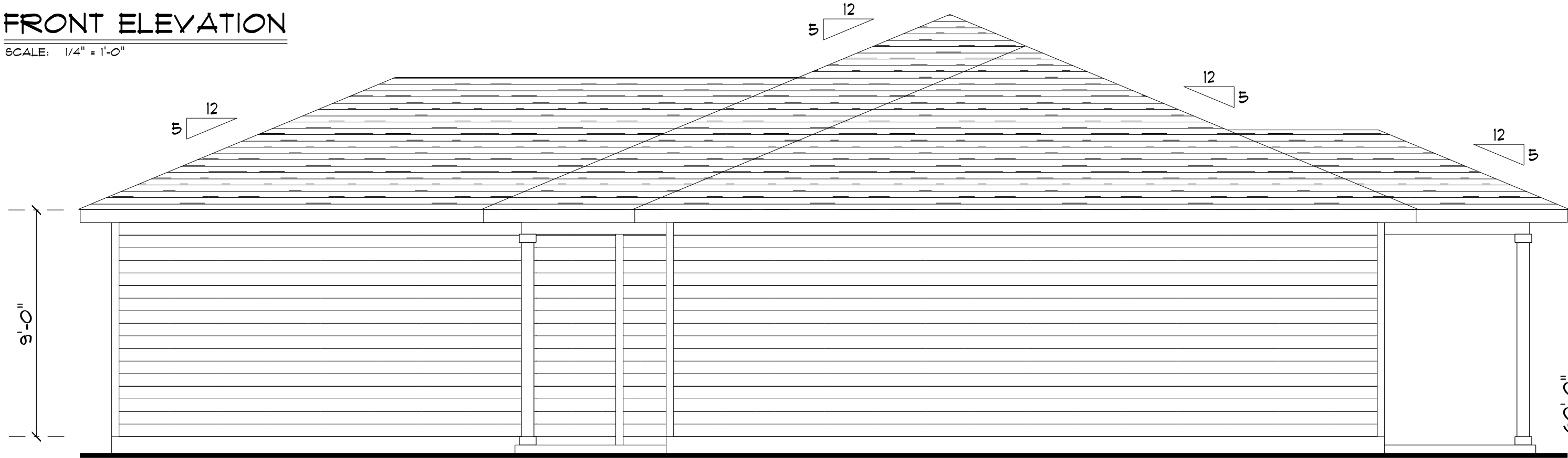
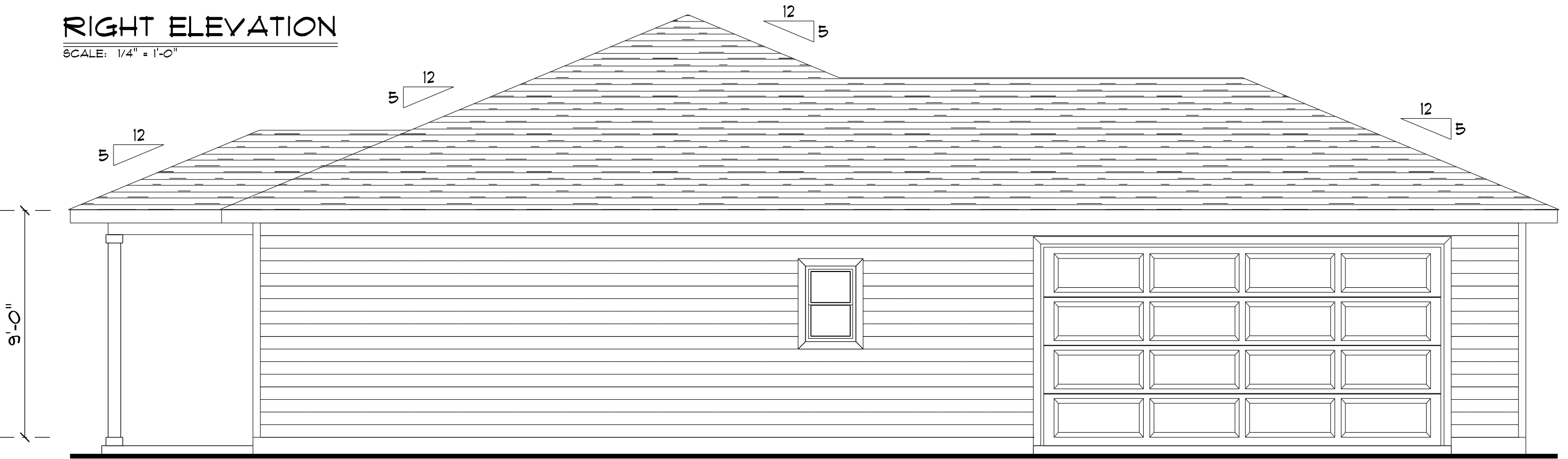




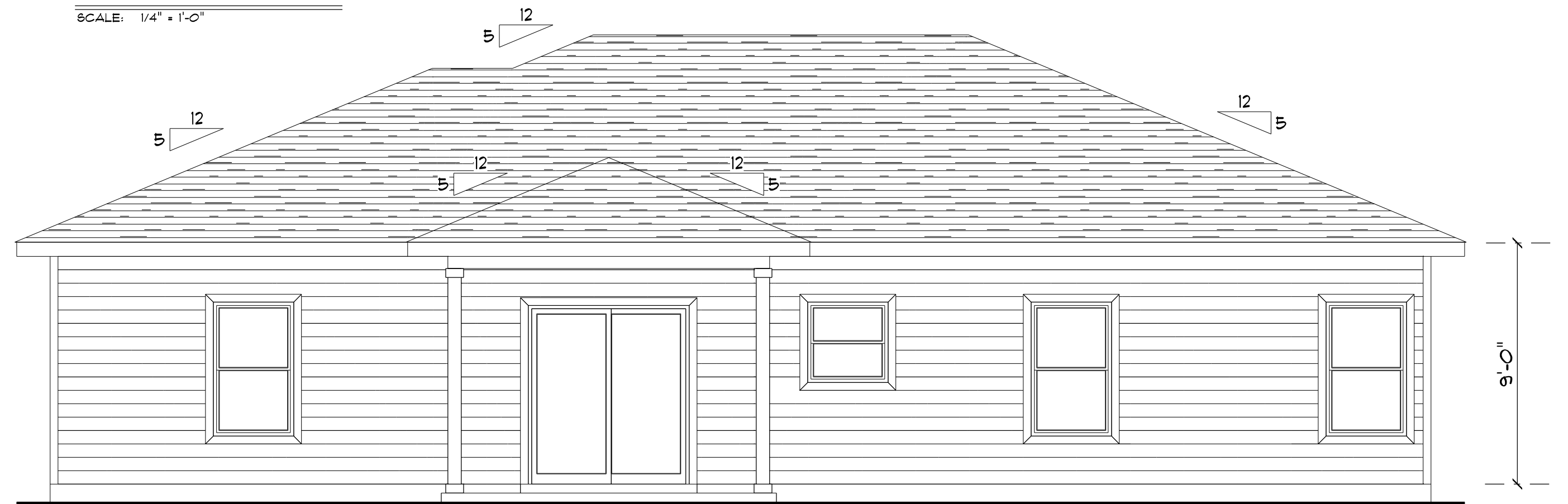
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



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

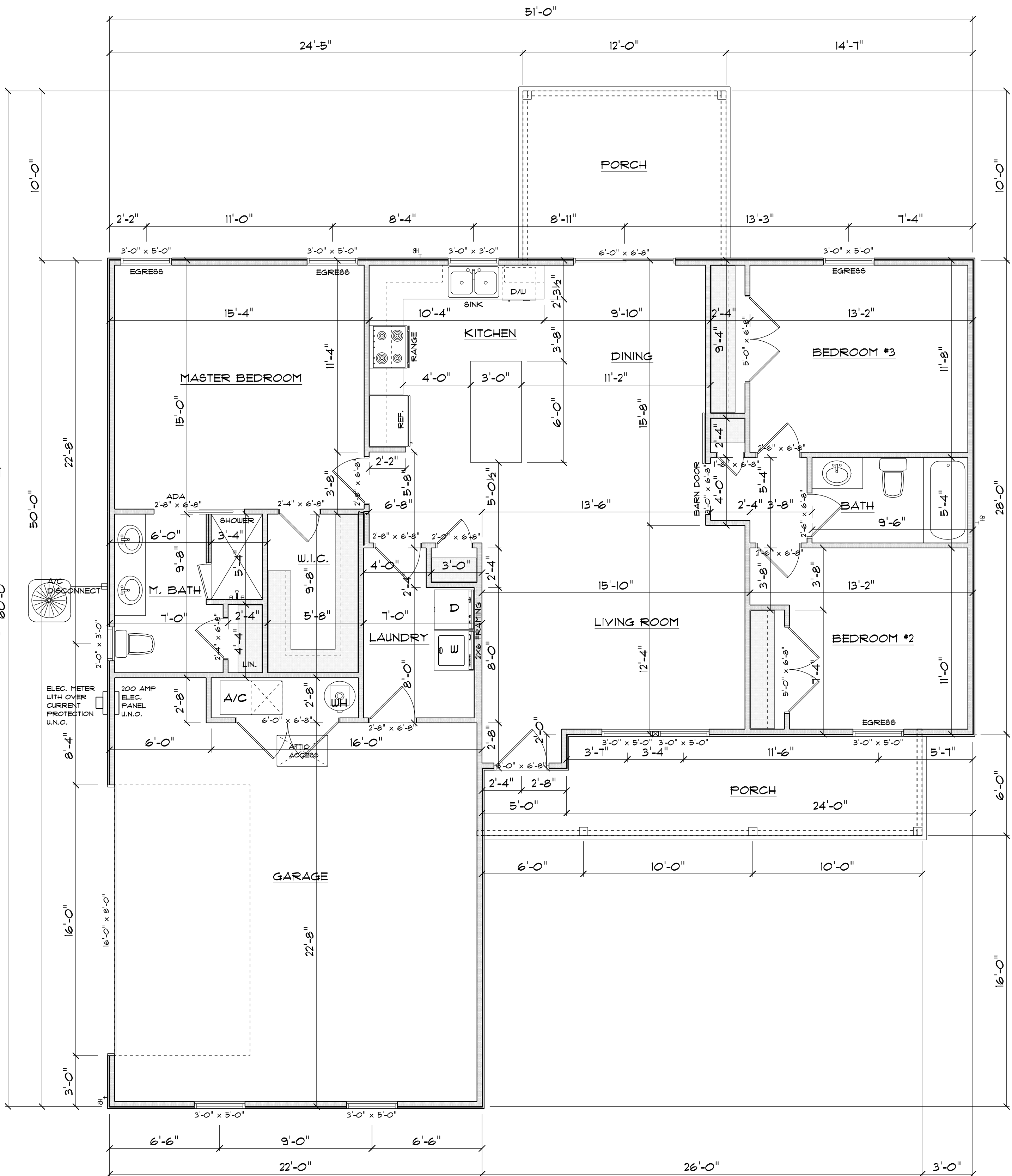


LEFT ELEVATION
SCALE: 1/4" = 1'-0"



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

ROOF VENTILATION:
R806.2 Minimum vent area.
The minimum net free ventilating area shall be 1/150 of the area of the vented space.
Exception: The minimum net free ventilation area shall be 1/300 of the vented space provided one or more of the following conditions are met:
1. In Climate Zones 6, 7 and 8, a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.
2. At least 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space.
Upper ventilators shall be located no more than 3 feet below the ridge or highest point of the space, measured vertically, with the balance of the required ventilation provided by eave or cornice vents. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet below the ridge or highest point of the space shall be permitted.



FLOOR PLAN
SCALE: 1/4" = 1'-0"
ALL CEILING HEIGHTS TO BE 9'-0" UNLESS NOTED OTHERWISE

R302.5.1 Opening protection:
Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches in thickness, solid or honeycomb-core steel doors not less than 1 3/8 inches thick, or 20-minute fire-rated doors, equipped with a self-closing device.

TABLE R302.6 DWELLING/GARAGE SEPARATION:	
SEPARATION	MATERIAL
From the residence and attics	Not less than 1/2-inch gypsum board or equivalent applied to the garage side
From all habitable rooms above the garage	Not less than 5/8-inch Type X gypsum board or equivalent
(Structure(s) supporting floor/ceiling assemblies used for separation required by this section	Not less than 1/2-inch gypsum board or equivalent
Garages located less than 3 feet from a dwelling unit on the same lot	Not less than 1/2-inch gypsum board or equivalent applied to the interior side of exterior walls that are within this area

AREA SCHEDULE	
NAME	AREA
Living	1384 sq. ft.
Front Porch	146 sq. ft.
Rear Porch	120 sq. ft.
Garage	538 sq. ft.
Total	2188 sq. ft.



DWC Contracting, LLC

Spec Home - 344 SW Fieldstone Ct.

PROJECT ADDRESS: 344 SW Fieldstone Ct., Lake City, FL 32024

FL PE 53915
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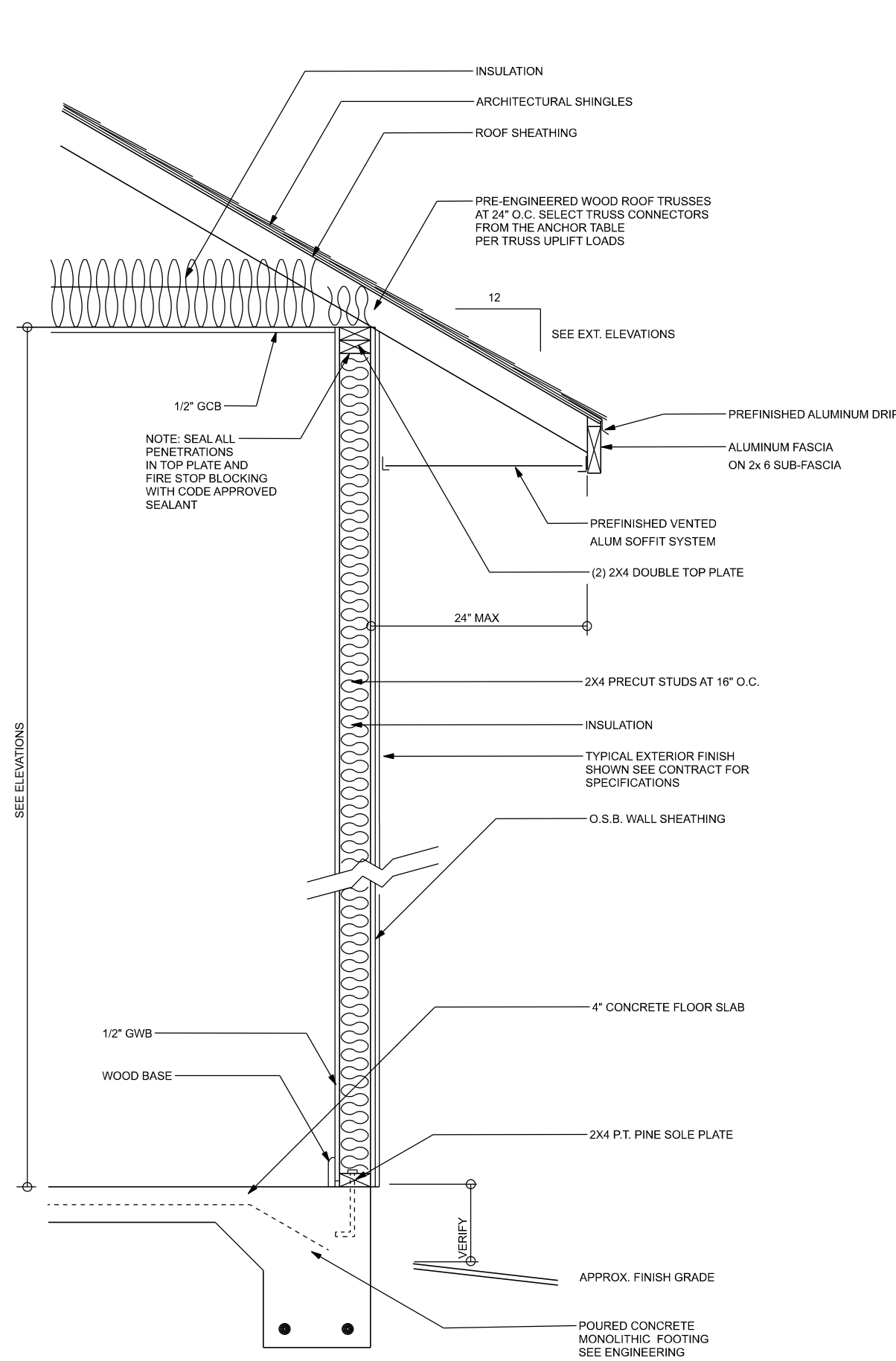
CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 8th Edition Florida Building Code Residential (2023) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

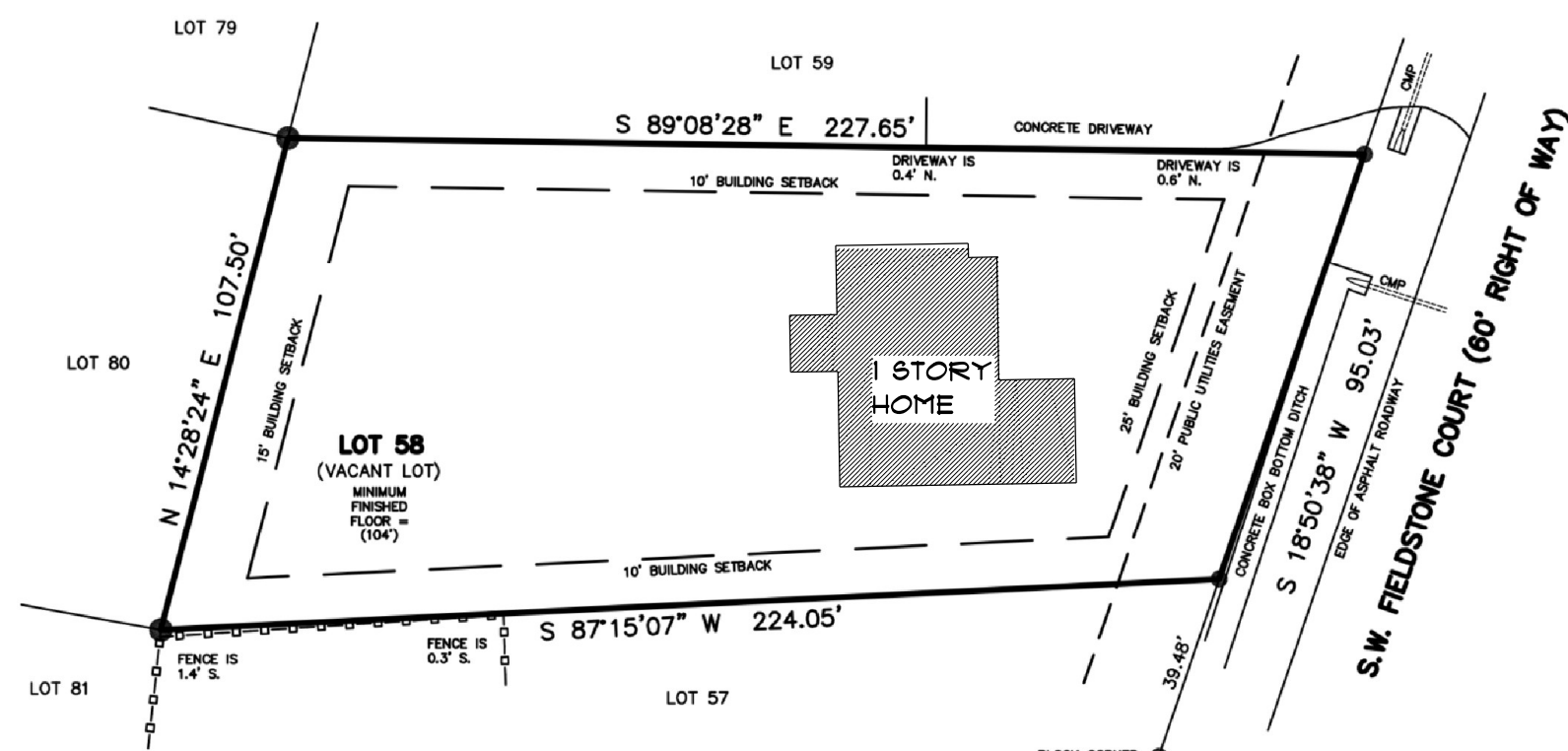
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JOB NUMBER:
260580

1
OF 5 SHEETS



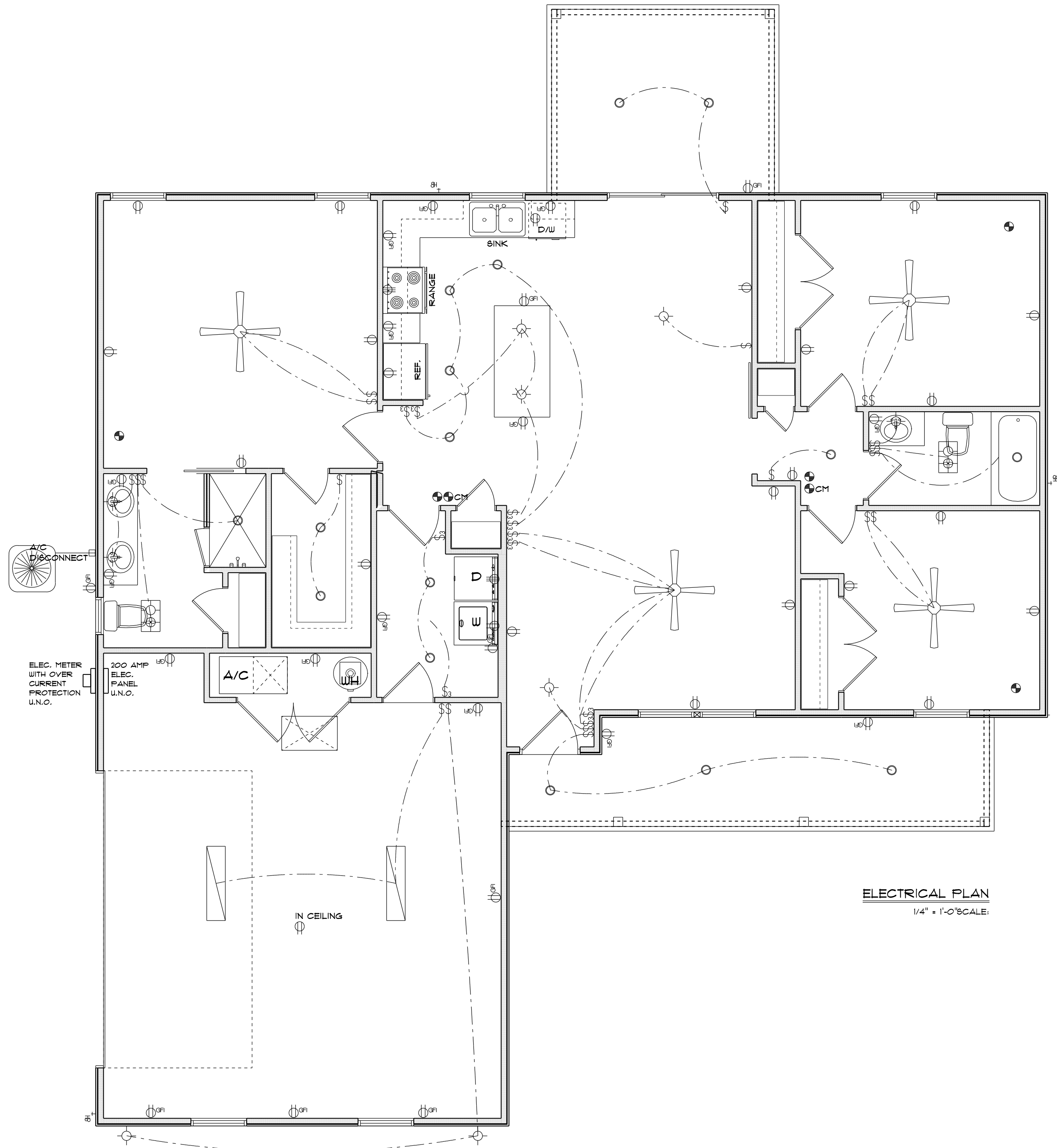
TYPICAL DESIGN WALL SECTION
NON - STRUCTURAL DATA
SCALE: 1/4" = 1'-0" N.T.S.



NOTE:
SITE PLAN IS TO SHOW APPROXIMATE
LOCATION OF HOUSE ON LOT. EXACT LOCATION
OF HOUSE IS TO BE DONE BY
PROFESSIONAL LICENSED SURVEYOR

SITE PLAN
SCALE: 1/4" = 40'

NOTE:
SEE BUILDER FOR DRIVEWAY
SIZE & LOCATION



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

ELECTRICAL PLAN NOTES:

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
- E-3 ALL INSTALLATIONS SHALL BE PER NATL. ELECTRIC CODE.
- E-4 ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NECA-NEC LATEST EDITION.
- E-6 ELECTRICAL CONTR SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7 ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.
- E-8 ALL 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUN ROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
- E-9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION.
- E-10 A SERVICE DISCONNECT WITH OVER CURRENT PROTECTION SHALL BE INSTALLED OUTSIDE OF THE BUILDING, ON THE LOAD SIDE OF THE METER, AT THE PLACE ELECTRIC CONDUCTORS ENTER THE BUILDING. SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL.
- E-11 CARBON MONOXIDE ALARMS SHALL BE REQUIRED WITHIN 10' OF ALL ROOMS FOR SLEEPING PURPOSES IN BUILDINGS HAVING A FOSSIL FUEL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR ATTACHED GARAGE.
- E-12 ALL OUTLETS LOCATED IN RESIDENTIAL TO BE TAMPER-RESISTANT PER NEC.
- E-13 MINIMUM OF 75% OF PERMANENTLY INSTALLED LAMPS OR LIGHTING FIXTURES SHALL BE HIGH EFFICACY FBC EC SEC. R404.1

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	CARBON MONOXIDE ALARM

DWC Contracting, LLC

Spec Home - 344 SW Fieldstone Ct.

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FL PE 53915

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dnQualifier=A0141
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JOB NUMBER:
260580

2
OF 5 SHEETS



Note: For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 inches on center along panel edge and 6 inches on center along intermediate supports in the panel field. Note: This table specifies the code minimum thickness of roof sheathing. The thickness of the sheathing may need to be increased based in the type of roofing material being used. See manufacturer Florida product approval.



EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

GRADE & SPECIES TABLE		
		E
2x8	SP #2	925 1.4
2x10	SP #2	800 1.4
2x12	SP #2	750 1.4
GLB	24F-V3 SP	2600 1.9
LSL	TIMBERSTRAND	1700 1.7
LVL	MICROLAM	2950 2.0
PSL	PARALAM	2900 2.0

GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT, BRACING AND CONNECTIONS. THE FOLLOWING DETAILED TRUSS TO TRUSS CONNECTIONS AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSSES SHALL BE DESIGNED TO SUPPORT THE WEIGHT OF THE ROOF SYSTEM. ALL TRUSSES SHALL BE SIGNED AND SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY THE TRUSS DESIGNER'S SIGNATURE, SEAL AND EXISTENCE OF THE TRUSS DESIGNER'S LICENSE. THE TRUSS ENGINEER SHALL BE BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEAM WALLS. BUILDER IS TO TURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR VERIFICATION OF THE TRUSS DESIGNER'S UPLIFT AND REACTION LOADS. TRUSS TO TRUSS WITH MIN. UPLIFT CONNECTION #15LB EACH END, 2X#8 REINFORC. 70 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN FOUNDATION. CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET ALL REQUIREMENTS OF THE ASSUME 100% PSF BEARING CAPACITY UNLESS INDICATED OTHERWISE OR OTHERWISE REQUESTED BY BUILDING OFFICIAL.

CONCRETE: MINIMUM COMPRESSIVE STRENGTH AT CONCRETE AT 28 DAYS, FC = 2500 PSI.

WELDED WIRE REINFORCED SLAB: 6" x 8' x W14 x 41 + FB #8@6. WELDED WIRE REINFORCED SLAB: 6" x 8' x W14 x 41 + FB #8@6. STRAP: 2X#8 @ 12" O.C. OF THE SLAB. SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.
FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT, 12" THICK, 12" X 12" INCHES. DEFLECTION AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. TRUSSES TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATE OF COMPLIANCE REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH JCI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SETTING. THE LENGTH / WIDTH RATIO OF SLAB RAAS SHALL NOT EXCEED 1.5 AND THE MAXIMUM ALLOWABLE CRACK WIDTH SHALL BE .003 INCHES. IF REINFORCING STEEL (RECOMMENDED LOCATION) OF CONTROL JOINTS IS SUBJECT TO OWNEN AND CONTRACTOR'S DISCRETION, THE CONTRACTOR SHALL TAKE NECESSARY PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A615, GRADE 40, DEFORMED BARS, FY = 60 KSI, ALL LAP SPACES 40" DB (2" FOR #5 BARS), 40" REINFORCEMENT SHALL BE LAYED PLACED AND SPACED IN ACCORDANCE WITH A315-96, U.N.O.

ROOF SHEATHING ALL JOINTS BEHIND THE HORIZONTAL DIAPHRAGMS. STRAP DOWN UNLOCKED, UNCLAMPED, OR FRAMING OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED.

STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECT ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVLENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTE FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIREMENTS OF THE MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN "IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUOTED CM.

BUILDER'S RESPONSIBILITY:

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.

CONFIRM THE TRUSS DESIGNER'S SIGNATURE, SEAL AND EXISTENCE OF THE BAKKILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.

PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH DESIGN REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.

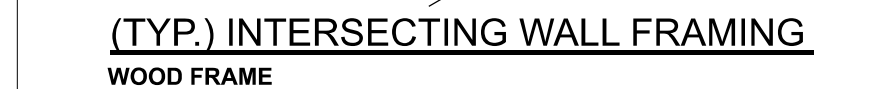
PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION, IF YOU BELIEVE THE PLAN CALLS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND ENGINEER FOR CLARIFICATION.

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDING TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACINGS DETAILS, TRUSS TO TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

ROOF SYSTEM DESIGN:

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR.

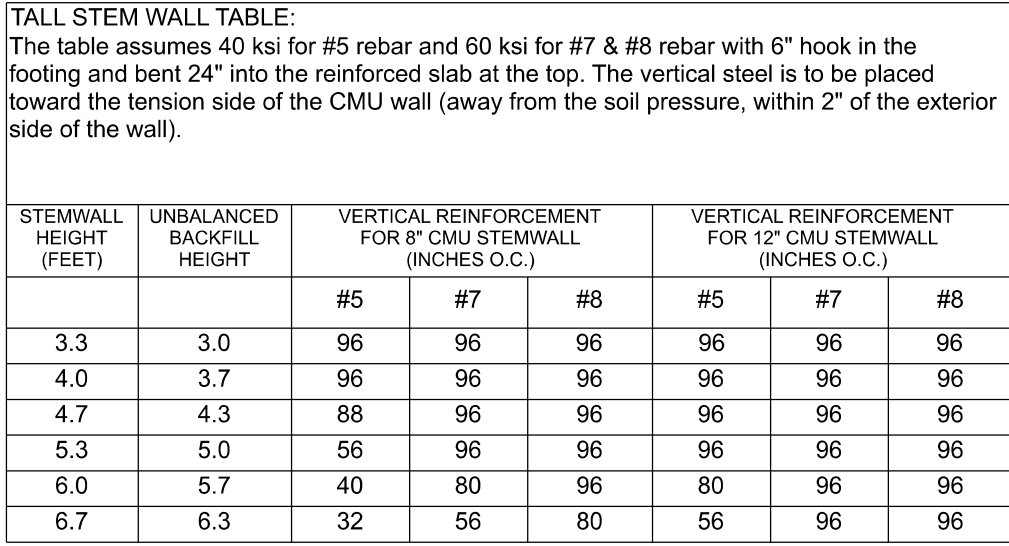
IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED BY THE TRUSS MANUFACTURER. IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER. THE BUILDER SHALL BE RESPONSIBLE FOR THE PROFESSIONAL, FOR CORRECT APPLICATION OF FBCR REQUIRED LOADS AND WIND SPEEDS. THE BUILDER SHALL BE RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE DESIGN OF THE TRUSS SYSTEM. THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED



(TYP.) GARAGE DOOR BUCK INSTALLATION
WOOD FRAME

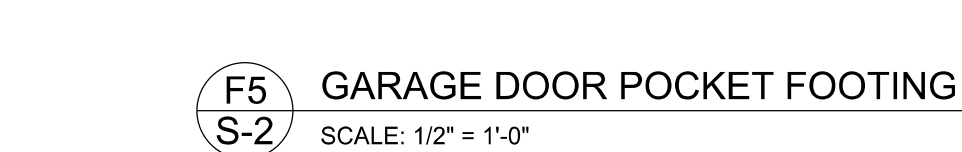
DESIGN CRITERIA & LOADS:		
BUILDING CODE	8TH EDITION FLORIDA BUILDING CODE RESIDENTIAL (2023)	
CODE FOR DESIGN LOADS	ASCE 7-22	
WINDLOADS		
BASIC WIND SPEED (ASCE 7-22, 3s gUST)	130 MPH	
WIND EXPOSURE (BUILDER MUST FIELD VERIFY)	C	
TOPOGRAPHIC FACTOR (BUILDER MUST FIELD VERIFY)	I	
RISK CATEGORY	II	
ENCLOSURE CLASSIFICATION	ENCLOSED	
INTERNAL PRESSURE COEFFICIENT	0.18	
ROOF ANGLE	7-45 DEGREES	
MEAN ROOF HEIGHT	30 FT	
C&C DESIGN PRESSURES	SEE TABLE	
FLOOR LOADING		
ROOMS OTHER THAN SLEEPING ROOMS	40 PSF LIVE LOAD	
SLEEPING ROOMS	30 PSF LIVE LOAD	
ROOF LOADING		
FLAT OR < 4:12	20 PSF LIVE LOAD	
4:12 TO < 12:12	16 PSF LIVE LOAD	
12:12 & GREATER	12 PSF LIVE LOAD	
SOIL BEARING CAPACITY	1500 PSF	
FLOOD ZONE	THIS BUILDING IS NOT IN THE FLOOD ZONE	

COMPONENT & CLADDING DESIGN PRESSURES 130 MPH (EXP C)		
EFFECTIVE WIND AREA (FZ2)	ZONE 4 INTERIOR	ZONE 5 END 4' FROM OUTSIDE CORNER
0 - 20	+25.6(lb/sqft) -27.8(lb/sqft)	+25.6(lb/sqft) -34.2(lb/sqft)
20 - 60	+42.8(lb/sqft) -46.2(lb/sqft)	+42.8(lb/sqft) -57(lb/sqft)
GARAGE DOOR DESIGN PRESSURES 130 MPH (EXP C)		
9x7' GARAGE DOOR	+22.6(lb/sqft) -25.8(lb/sqft)	
6x7' GARAGE DOOR	+21.7(lb/sqft) -24.1(lb/sqft)	



MASONRY NOTE:
MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

AC308.0-102 Section	Specific Requirements
1.4A Compressive strength	8000 psi bearing walls. Min 1500 psi
2.1 Mortar	ASTM C 270, Type N, UNO
2.2 Grout	ASTM C 476, admixtures required per approval
3.0 ASTM standard	ASTM C 90-02, Nominal weight, Hollow, medium surface finish, 8"x8"x16" forming block and 12"x12"x16" or 16"x16"x16" column block
2.3 Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5-6-2 12"x12"x16" 1.5"
2.4 Reinforcing bars, #3 -#11	ASTM A615, Grade 60, Fy = 40 ksi, Lap splices min 48 in. dia. (25T for #5)
2.4F Coating for corrosion protection	ASTM A940, steel mesh plates completely embedded in mortar or grout, ASTM A525, Class 600, 0.01 oz/ft ² or 304SS
2.4F Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or water, 304SS, 0.01 oz/ft ² or 304SS. Joint reinforcement in walls not completely embedded in mortar or grout, ASTM A153, Class 2, 1.50 oz/ft ² or 304SS
3.3.2.2 Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.3.3.7 Movement joints	Contractor assumes responsibility for type and location of movement joints. Do not detail on project drawings.



FOUNDATION NOTES	
FN- 1	DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT FOR ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC. DISPOWNEY DESIGN GROUP OR MARK DISPOWNEY INC. IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
FN- 2	CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
FN- 3	THIS SLAB SHALL BE 12" CONCRETE SLAB REINFORCED W/ #4 @ 14" ON CENTER. REINFORCEMENT CHAIRS @ 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY/ETHYLENE TERMITE-TREATED & COMPACTED FILL (ALSO, ANY OTHER CODE APPROVED TERMITE TREATMENT METHOD CAN BE USED INSTEAD).

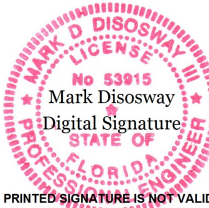
FOUNDATION DESIGN: Size footings per truss reactions and other loads. Locate footings per truss bearings. Interior shear walls require a thickened slab footing. For point loads > 5000 lb or repetitive loads > 3000 lb per truss provide pad footing 1' x 1' sqft, #5, 8"oc each way per 1500 lb of load.

DWC Contracting, LLC

Spec Home - 344 SW Fieldstone Ct.

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FL PE 53915
is digitally signed and sealed by
PE on digital signature date.
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O=Unaffiliated,
dnQualifier=A01410
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CN=Mark d
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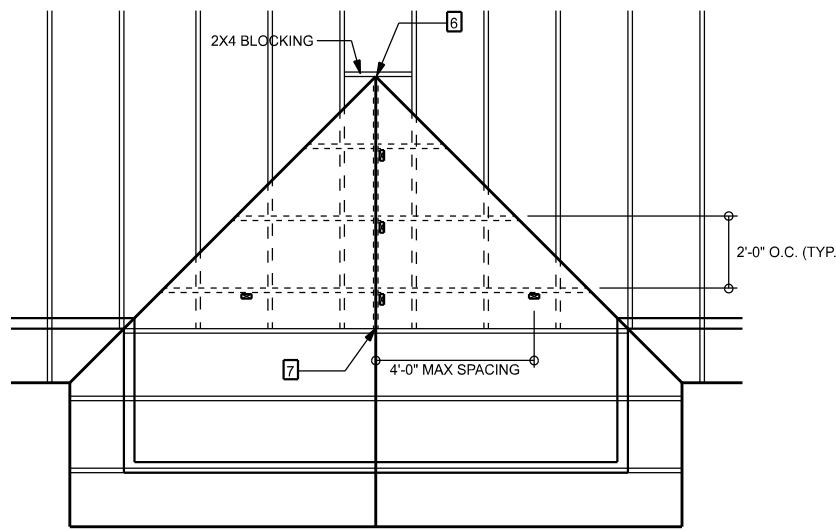
JOB NUMBER:

260580

S-2

5 SHEET

LUMBER SIZE & GRADE MINIMUM REQUIREMENTS	
RIDGE BOARD	2X6 SYP #2
RAFTER BRACE 2X10 OR LBS	2X6 SYP #2
PURLINS (LATERAL BRACING)	2X6 SYP #2
SLEEPERS	2X (WIDTH OF RAFTER BEAT CUT) SPF #2 OR 2X WALLS 2X4 SYP #2
CRIPPLES & BLOCKING	2X4 SPF #2 OR BETTER
TRUSS BELOW	SEE TRUSS DESIGN - SOUTHERN PINE MATERIAL



VALLEY ROOF PLAN MEMBER LEGEND

TRUSS
 1 = 1 TRUSS UNDER VALLEY FRAMING
 1 = 1 VALLEY RAFTER OR RIDGE
 CRIPPLE

CRIPPLES 4" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SINGLE ROOF) MAX

CONNECTION REQUIREMENT NOTES

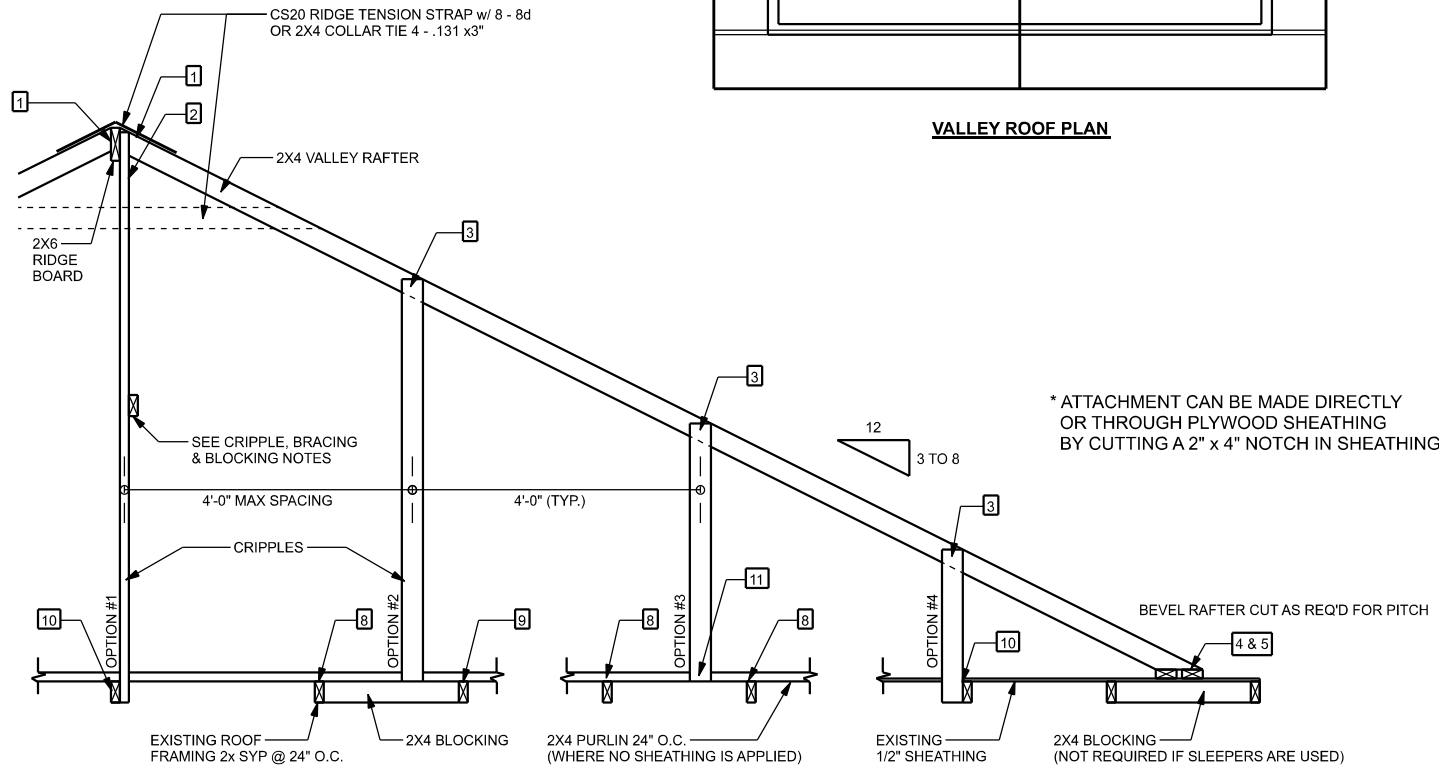
1. 2X4 RAFTERS TO RIDGE	4 - 131 x 3" TOE NAILS
2. CRIPPLE TO RIDGE	4 - 131 x 3" FACE NAILS
3. CRIPPLE TO RAFTERS	4 - 131 x 3" FACE NAILS
4. RAFTER TO SLEEPER OR BLOCKING	4 - 131 x 3" TOE NAILS
5. SLEEPER TO TRUSS	4 - 131 x 3" FACE NAILS EACH TRUSS
6. RIDGE BOARD TO ROOF BLOCK	4 - 131 x 3" TOE NAILS
7. RIDGE BOARD TO TRUSS	4 - 131 x 3" TOE NAILS
8. PURLIN TO TRUSS (TYP.)	4 - 131 x 3" NAILS
9. TRUSS TO BLOCKING	4 - 131 x 3" END NAILS
10. CRIPPLE TO TRUSS	4 - 131 x 3" FACE NAILS
11. CRIPPLE TO PURLIN	4 - 131 x 3" FACE NAILS

GENERAL NOTES

MAXIMUM RAFTER SPANS
 8'-0" FOR 2X4 2" O.C. FOR 2X6 SPF #2 OR SYP #2
 MAXIMUM ROOF RAKE SUPPORT
 180° IN ZONE 2 & 3, 180° IN ZONE 1 (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN
 180° OR 2' X 2' SPAN)
 PURLINS REQUIRED 2" O.C. IF EXISTING SHEATHING IS REMOVED
 PURLINS SHOULD OVERLAP SHEATHING ONE TRUSS SPACING MINIMUM
 IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM
 OF 6" AND NAIL UPWARDS THROUGH SHEATHING INTO PURLIN WITHIN
 MINIMUM OF 3" JOINT COMMON WIRE NAILS
 THIS DRAWING APPLIES TO WALLS WITH THE FOLLOWING CONDITIONS:
 - MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS
 - MAXIMUM VALLEY SLOPE: 12:12
 - MAXIMUM MEAN ROOF HEIGHT: 30 FEET
 - MAXIMUM TOTAL LENGTH: 40'-0"
 - MEETS IRC / ASCE 7 WIND REQUIREMENTS
 - EXPOSURE CATEGORY "C" 1 = 1, 1.5, 1.5, 1.5
 - ENCLOSED BUILDING

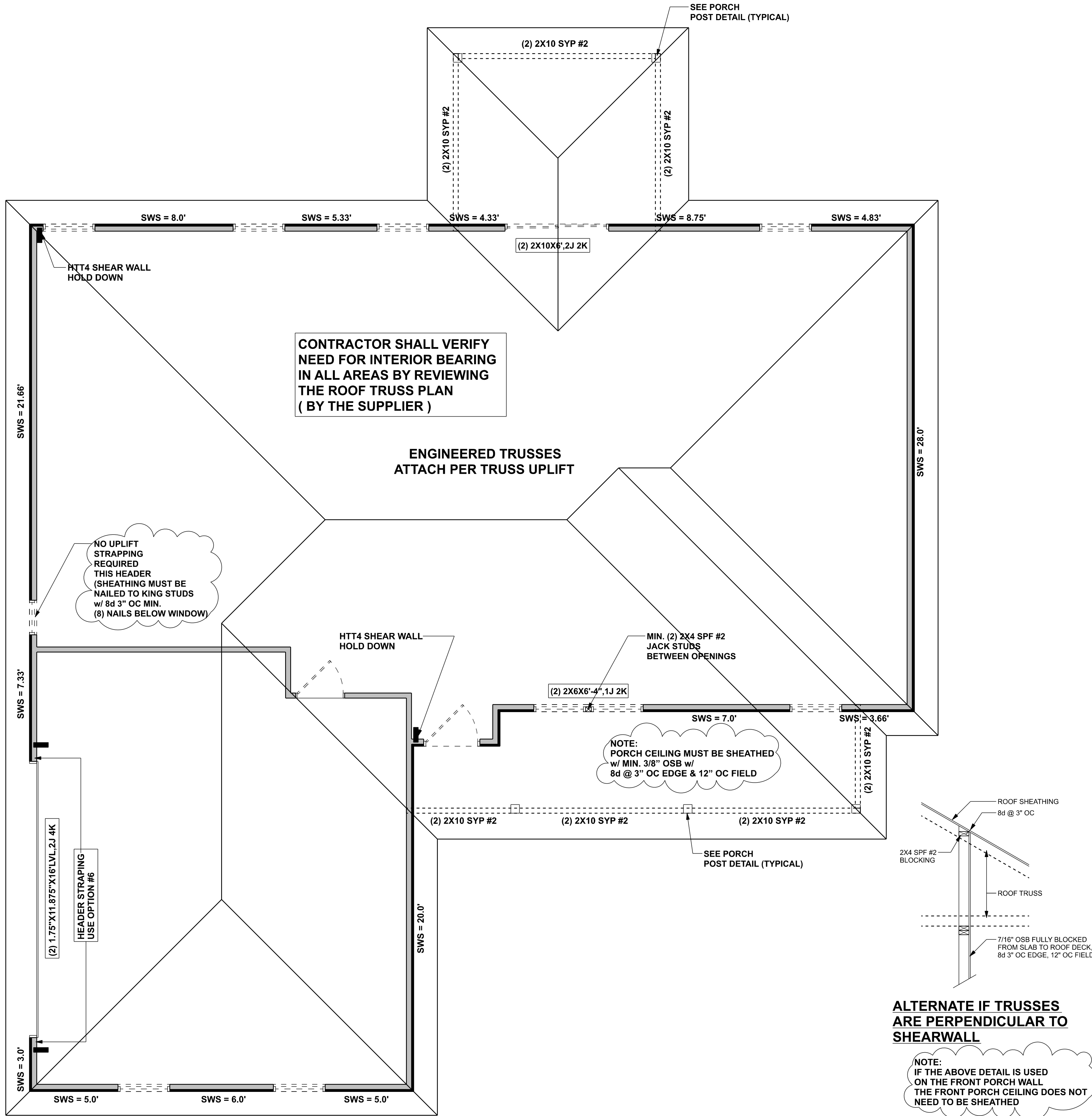
CRIPPLE BRACING & BLOCKING NOTES

2X4 CONTINUOUS LATERAL BRACE (OR MIN. 18" REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG
 NAILLED W/ 2 - 10# NAILS OR 2X4 1" O.C. OR SCAB BRACE NAIL TO FLAT EDGE OF CRIPPLE
 WITH 10# NAILS @ 6" O.C. 1" O.C. SCAB MUST BE 8" O.C. CRIPPLE LENGTH CRIPPLES
 OVER 10'-0" LONG REQUIRE TWO CLBS OR BOTH FACES W/ 1" O.C. SCAB USE STRESS
 GRADED LUMBER A BOX OR COMMON NAILS
 NAIL TO END OF CRIPPLE CAN FACE RIDGE OR RAFTER
 ALL LONG AS THE PROPER NUMBER OF NAILS ARE
 NAILLED INTO RIDGE BOARD
 INSTALL BLOCKING UNDER RAFTER IF SLEEPERS ARE NOT USED
 INSTALL BLOCKING UNDER CRIPPLE IF CRIPPLES FALL BETWEEN
 LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED
 APPLY ALL NAILING IN ACCORDANCE TO NDS-199 SECTION 12. NAILS ARE COMMON WIRE
 NAILS UNLESS NOTED OTHERWISE.



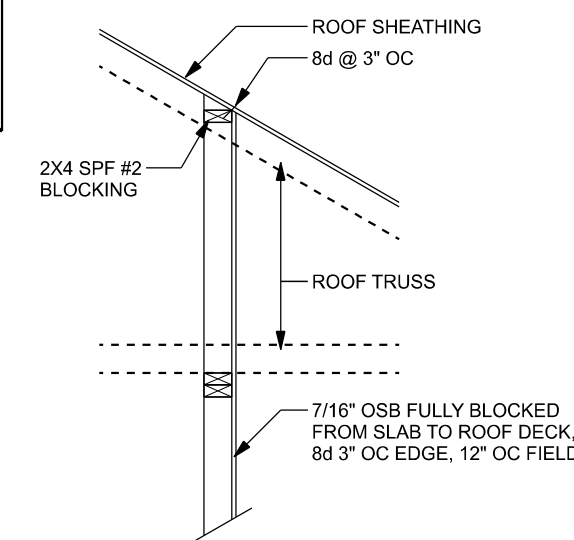
SECTION CUT PARALLEL TO VALLEY RAFTER

ROOF OVER FRAMING & BRACING DETAIL
 SCALE: N.T.S.



ALTERNATE IF TRUSSES ARE PERPENDICULAR TO SHEARWALL

NOTE:
 IF THE ABOVE DETAIL IS USED
 ON THE FRONT PORCH WALL
 THE FRONT PORCH CEILING DOES NOT
 NEED TO BE SHEATHED



STRUCTURAL PLAN

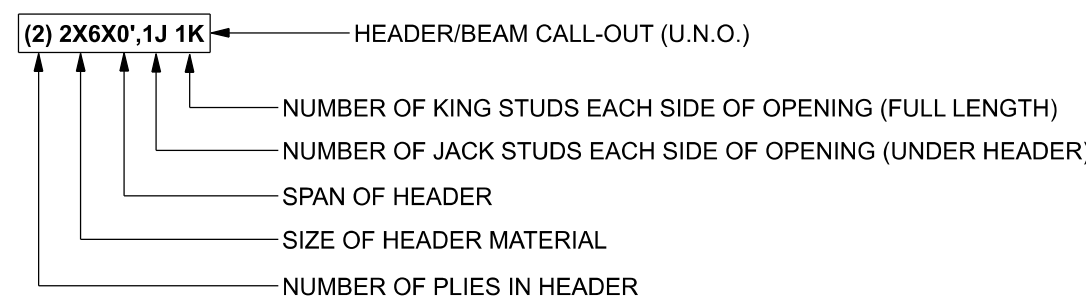
SCALE: 1/4" = 1'-0"

STRUCTURAL PLAN NOTES

- SN-1 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS.
- SN-2 LATERAL BRACING IS TO BE RESTRAINED PER BCOS11-03. BCOS1-B1, BCOS1-B2, & BCOS1-B3, BCOS1-B1, BCOS1-B2, & BCOS1-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

UNLESS NOTED OTHERWISE (MINIMUM REQUIREMENTS)	
SEE STRUCTURAL PLAN FOR ANY SPECIFIC CALL OUTS	
BEAM / HEADERS (SIZE)	ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2 (UNO)
HEADERS (JACK & KING STUDS)	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (UNO)
HEADERS (STRAPPING)	ALL HEADERS w/ UPLIFT TO BE STRAPPED OR SCREWED DOWN w/ MIN. OPTION #1 OR OPTION #3 (SEE DETAIL ON SHEET S-1) (U.N.O.) 1/2" X 10" ANCHOR BOLT w/ 3" X 3" X 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)
JACK STUDS UNDER GIRDER TRUSS	USE ONE JACK STUD GIRDER SUPPORT PER 2000 LB LOAD

HEADER LEGEND



ACTUAL vs REQUIRED SHEARWALL

	TRANSVERSE	LONGITUDINAL
ACTUAL	23037 LBF	10996 LBF
REQUIRED	8710 LBF	8900 LBF

DWC Contracting, LLC

Spec Home - 344 SW Fieldstone Ct.

PROJECT ADDRESS:
 344 SW Fieldstone Ct., Lake City, FL 33024

FL PE 53915

This item has been digitally signed and sealed by Mark Disoway PE on digital signature date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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 C=000001549239A3F
 70003AF06
 CN=Mark d
 Disoway
 2026-07-27 16:43:39

DIMENSIONS:
 Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 8th Edition Florida Building Code Residential (2023) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

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JOB NUMBER:
 260580

S-3
 OF 5 SHEETS