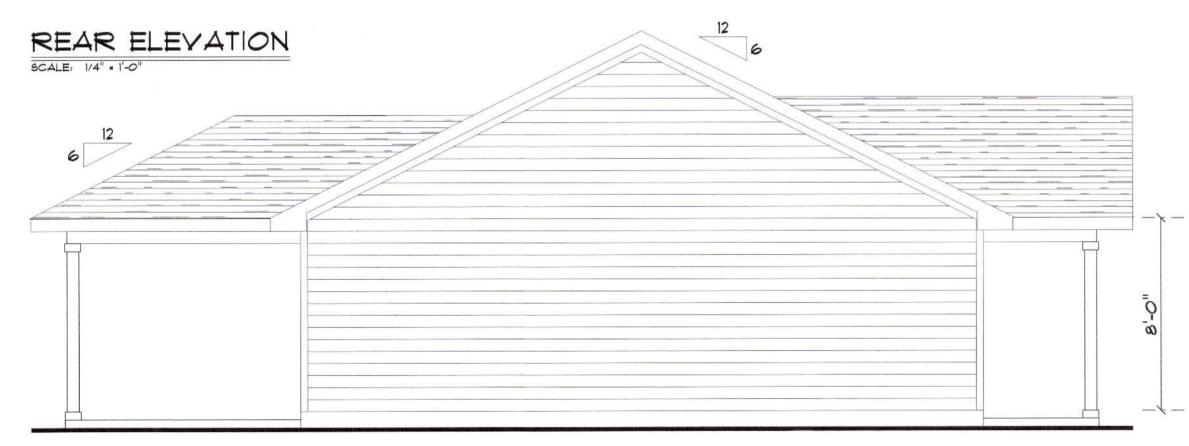


FRONT ELEVATION





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



RIGHT ELEVATION

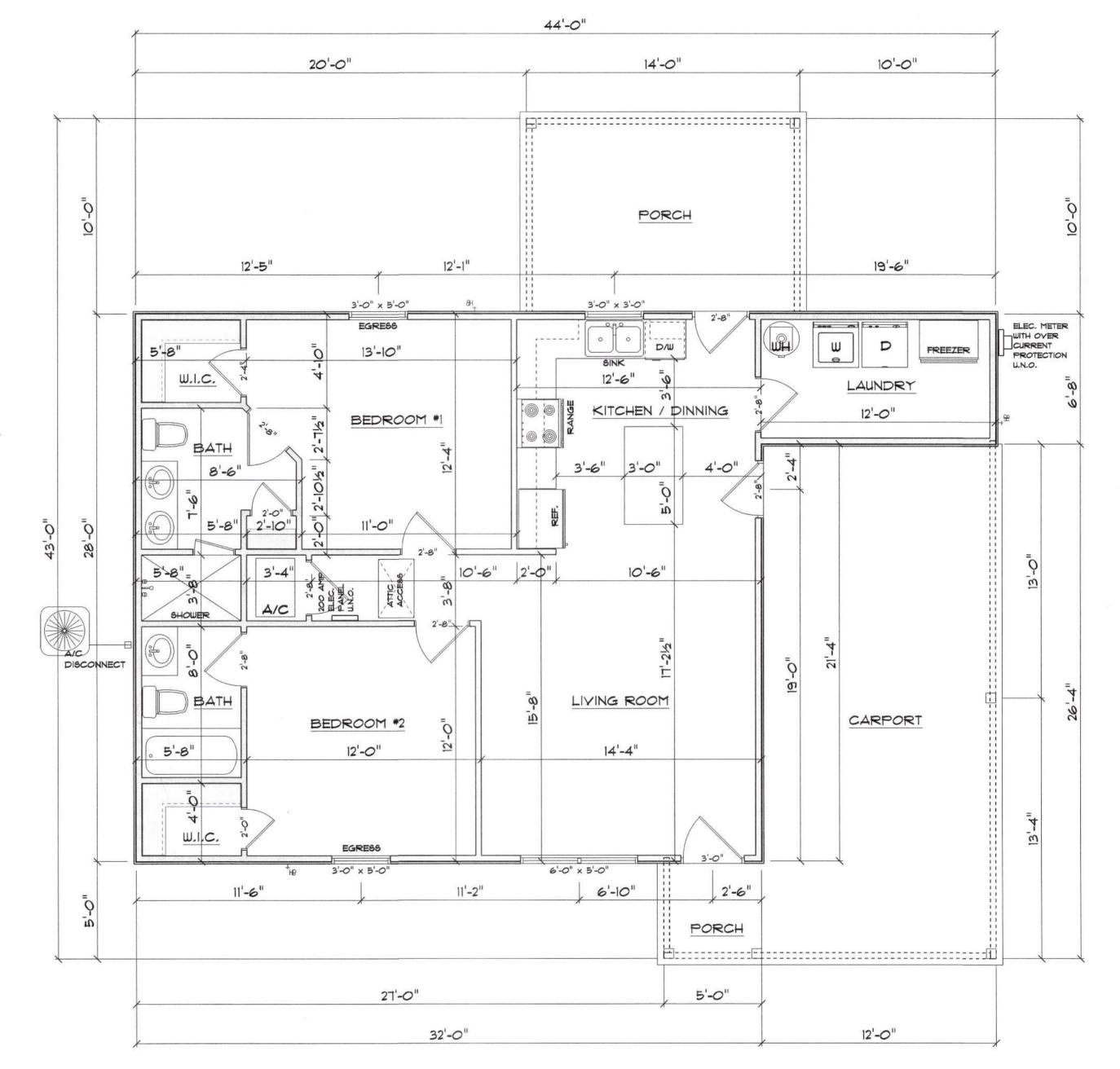
ROOF VENTILATION:

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:

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.

 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 comice 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 8'-O" UNLESS NOTED OTHERWISE

| AREA SCHEDULE | |
|----------------------|------------|
| NAME | AREA |
| Living | 976 sq ft. |
| Front Porch | 25 sq ft. |
| Rear Porch | 140 sq ft. |
| Carport | 316 sq ft. |
| Total | 1457 sq ft |

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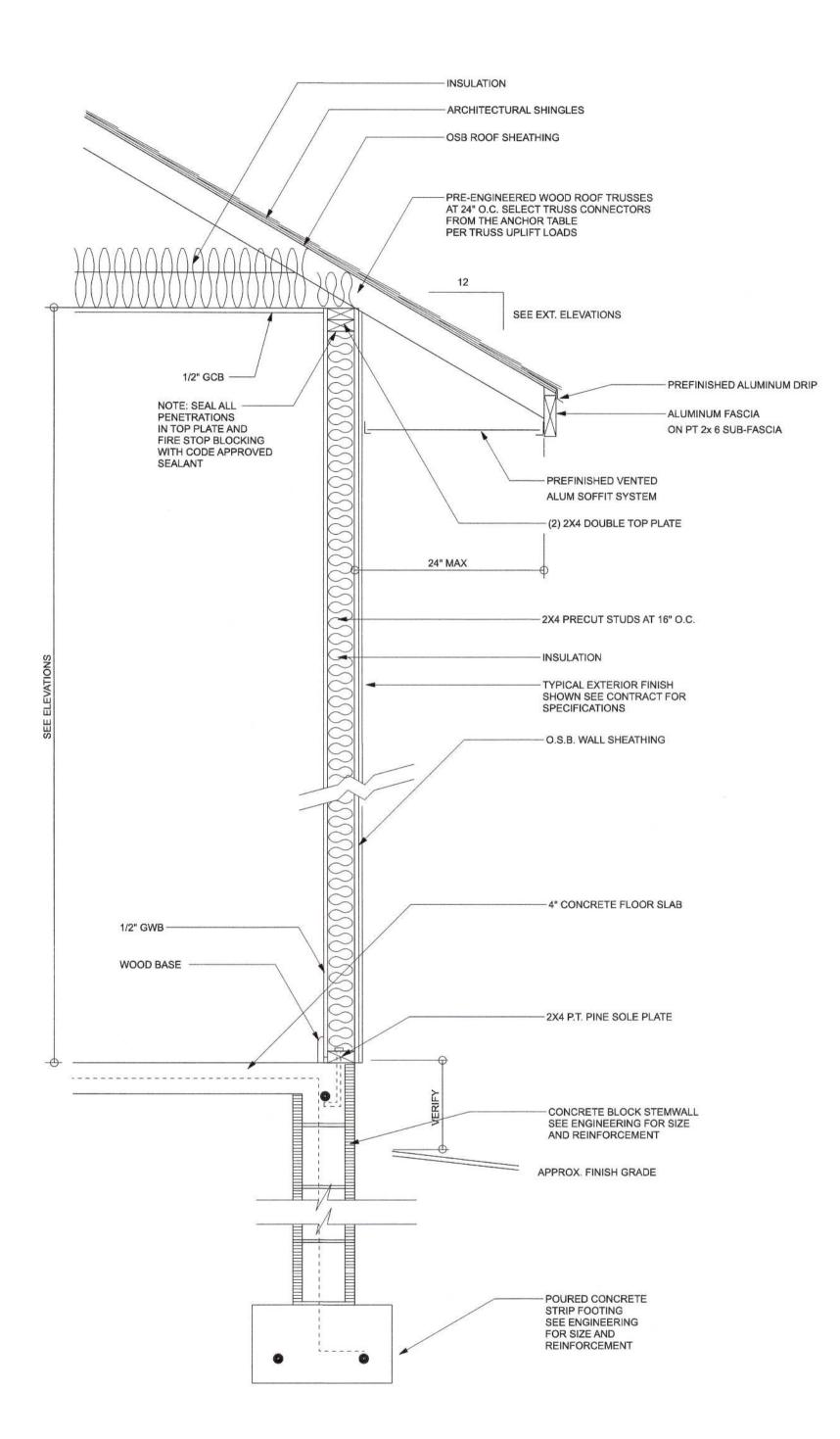
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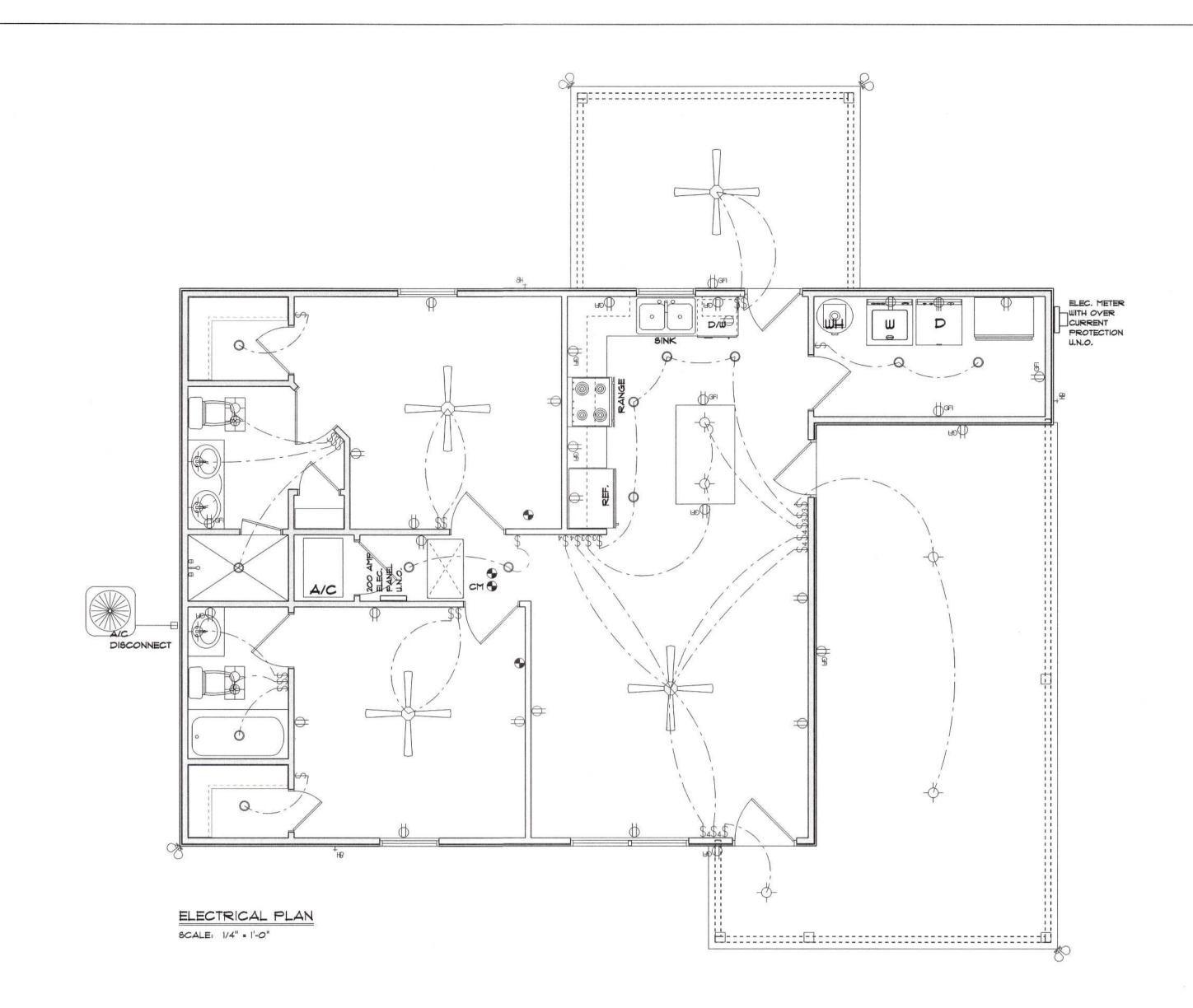
> JOB NUMBER: 240017

> > OF 5 SHEETS



TYPICAL DESIGN WALL SECTION
NON - STRUCTURAL DATA

SCALE: 1" = 1'- 0"



| E - 1 | CTRICAL PLAN NOTES: WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS. |
|--------|--|
| E - 2 | CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED. |
| E - 3 | ALL INSTALLATIONS SHALL BE PER NAT'L. 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 NEC-LATEST EDITION. |
| E - 6 | ELECTRICAL CONT'R 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 |
| ≣ - 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 | A 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) | |
| <u>Q</u> P | DOUBLE SECURITY LIGHT | |
| | 2X4 FLUORESCENT LIGHT FIXTURE | |
| 0 | RECESSED CAN LIGHT | |
| -♦ | BATH EXAUST FAN WITH LIGHT | |
| ₩ | BATH EXAUST FAN | |
| | LIGHT FIXTURE | |
| Ф | DUPLEX OUTLET | |
| Ф | 220v OUTLET | |
| daFi | GFI DUPLEX OUTLET | |
| • | SMOKE DETECTOR | |
| \$ | WALL SWITCH | |
| \$3 | 3 WAY WALL SWITCH | |
| \$4 | 4 WAY WALL SWITCH | |
| ∰ wp/gfi | WATER PROOF GFI OUTLET | |
| ∇ | PHONE JACK | |
| Ø | TELEVISION JACK | |
| <u> </u> | GARAGE DOOR OPENER | |
| ОСМ | CARBON MONOXIDE ALARM | |

PROJECTADDRESS:

FL PE 53915

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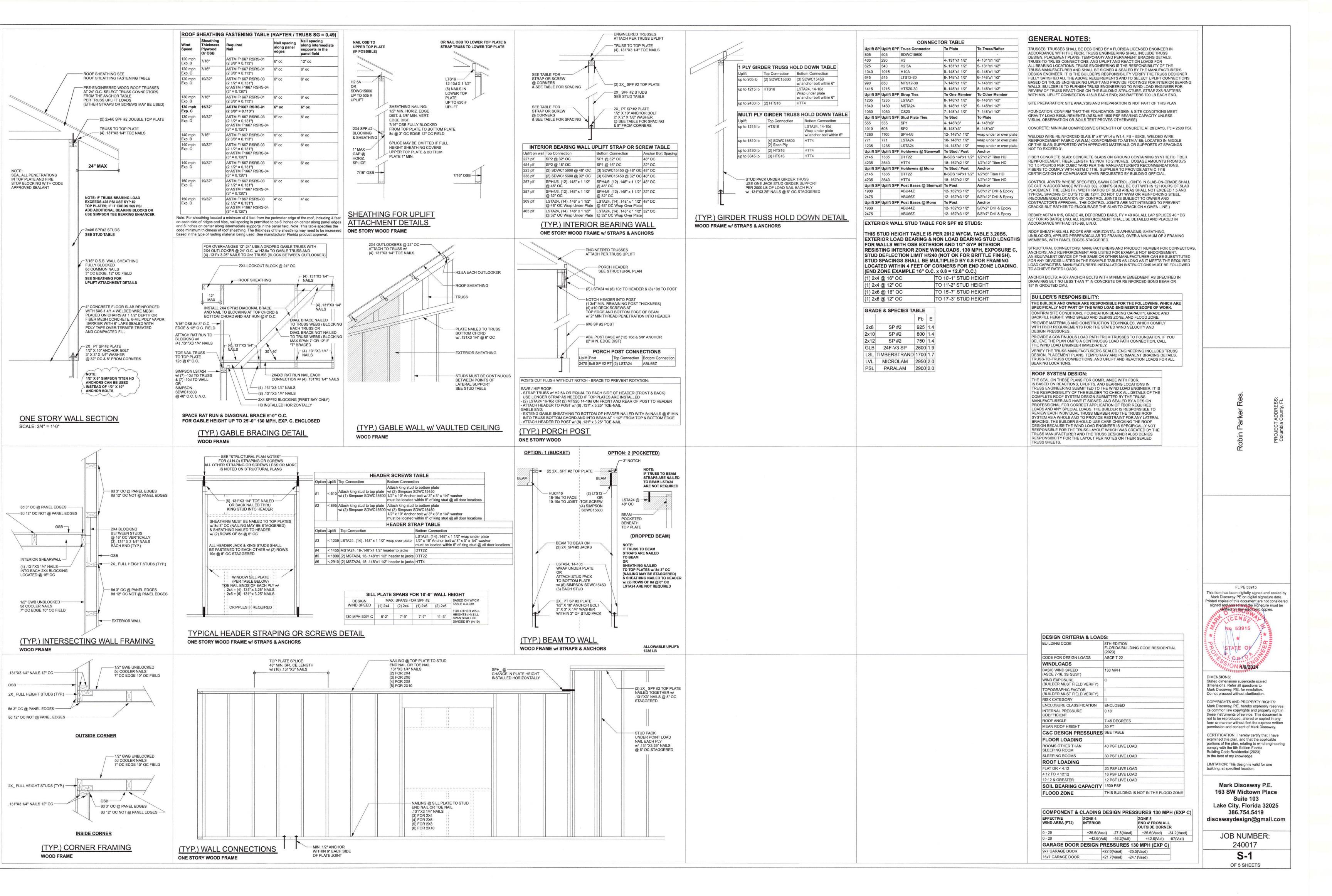
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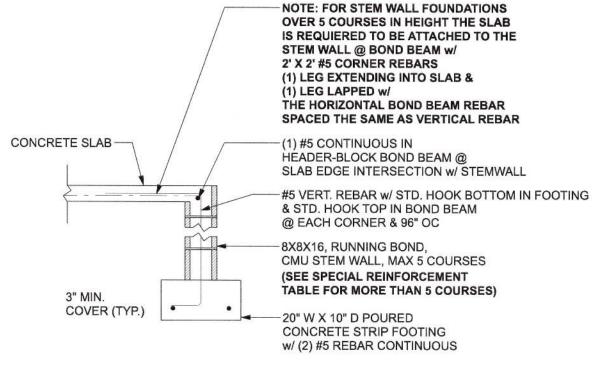
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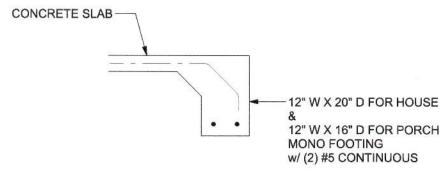
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OF 5 SHEETS





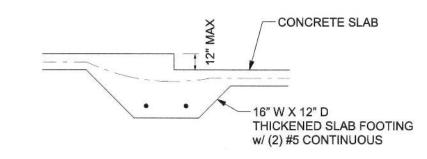
STEM WALL FOOTING S-2 SCALE: 1/2" = 1'-0"



OPTIONAL MONOLITHIC FOOTING S-2 SCALE: 1/2" = 1'-0"

CONCRETE SLAB -THICKENED SLAB FOOTING w/ (2) #5 CONTINUOUS

F2 INTERIOR BE S-2 SCALE: 1/2" = 1'-0" INTERIOR BEARING FOOTING



F3 INTERIOR BEARING STEP FOOTING S-2 SCALE: 1/2" = 1'-0"

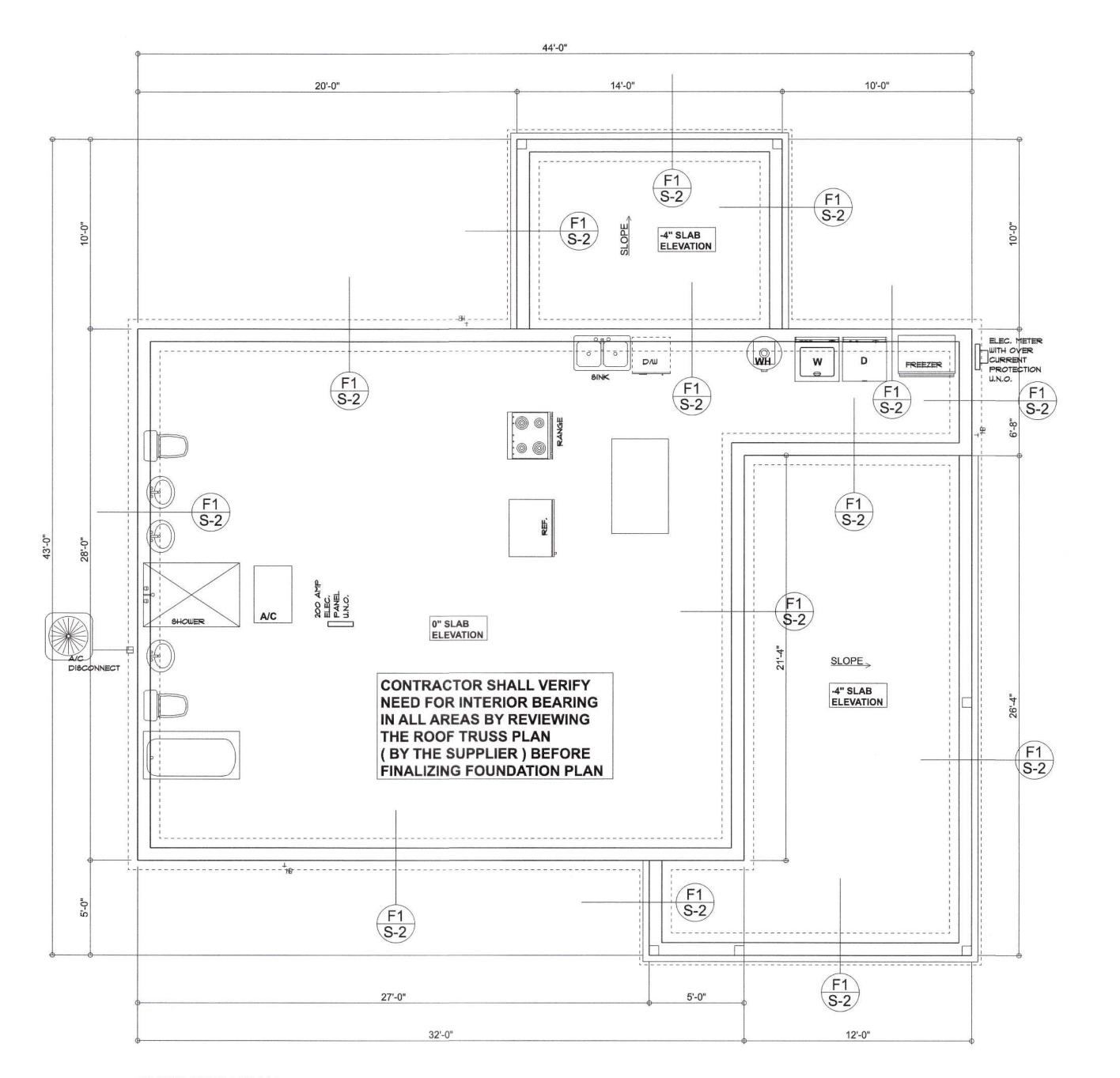
TALL STEM WALL TABLE: The table assumes 40 ksi for #5 rebar and 60 ksi for #7 & #8 rebar with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall ladder reinforcement at 16"OC vertically or a horizontal bond beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

| STEMWALL HEIGHT (FEET) | UNBALANCED BACKFILL HEIGHT | VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.) | | VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.) | | | |
|------------------------------|----------------------------------|--|----|---|----|----|----|
| | | #5 | #7 | #8 | #5 | #7 | #8 |
| 3.3 | 3.0 | 96 | 96 | 96 | 96 | 96 | 96 |
| 4.0 | 3.7 | 96 | 96 | 96 | 96 | 96 | 96 |
| 4.7 | 4.3 | 88 | 96 | 96 | 96 | 96 | 96 |
| 5.3 | 5.0 | 56 | 96 | 96 | 96 | 96 | 96 |
| 6.0 | 5.7 | 40 | 80 | 96 | 80 | 96 | 96 |
| 6.7 | 6.3 | 32 | 56 | 80 | 56 | 96 | 96 |
| 7.3 | 7.0 | 24 | 40 | 56 | 40 | 80 | 96 |
| 8.0 | 7.7 | 16 | 32 | 48 | 32 | 64 | 80 |
| 8.7 | 8.3 | 8 | 24 | 32 | 24 | 48 | 64 |
| 9.3 | 9.0 | 8 | 16 | 24 | 16 | 40 | 48 |

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.

| | ACI530.1-02 Section | Specific Requirements | |
|---------|----------------------------------|--|--|
| 1.4A | Compressive strength | 8" block bearing walls F'm = 1500 psi | |
| 2.1 | Mortar | ASTM C 270, Type N, UNO | |
| 2.2 | Grout | ASTM C 476, admixtures require approval | |
| 2.3 | CMU standard | ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" running bond and 12"x12" or 16"x16" column block | |
| 2.3 | Clay brick standard | ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5" | |
| 2.4 | Reinforcing bars, #3 - #11 | ASTM 615, Grade 40, Fy = 40 ksi, Lap splices min 40 bar dia. (25" for #5) | |
| 2.4F | Coating for corrosion protection | Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G60, 0.60 oz/ft2 or 304SS | |
| 2.4F | Coating for corrosion protection | Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/ft2 or 304SS | |
| 3.3.E.2 | Pipes, conduits, and accessories | Any not shown on the project drawings require engineering approval. | |
| 3.3.E.7 | Movement joints | Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings. | |
| 3.3.E.7 | Movement joints | and location of movement joints if n | |

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL



FOUNDATION PLAN

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

FOUNDATION NOTES FN - 1 DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS
FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC. DISOSWAY DESIGN GROUP OR MARK DISOSWAY, PE IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN. CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING FN - 2 IN ALL AREAS BY REVIEWINGTHE ROOF TRUSS PLAN
(BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN FN - 3 THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED w/
6X6-1.4/1.4 WELDED WIRE MESH PLACED ON CHAIRS
@ 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL
POLY VAPOR BARRIER w/ 6" LAPS SEALED w/ POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL (ALSO, ANY OTHER CODE APPROVED TERMITE-TREATMENT METHOD CAN BE USED INSTEAD)

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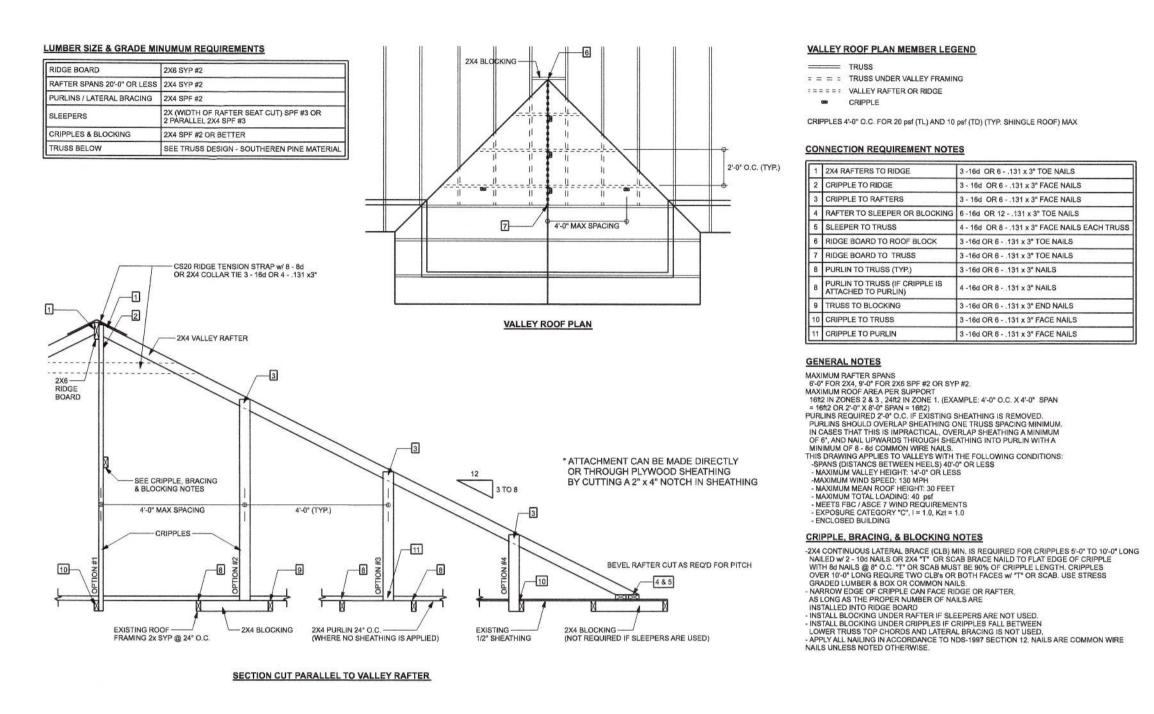
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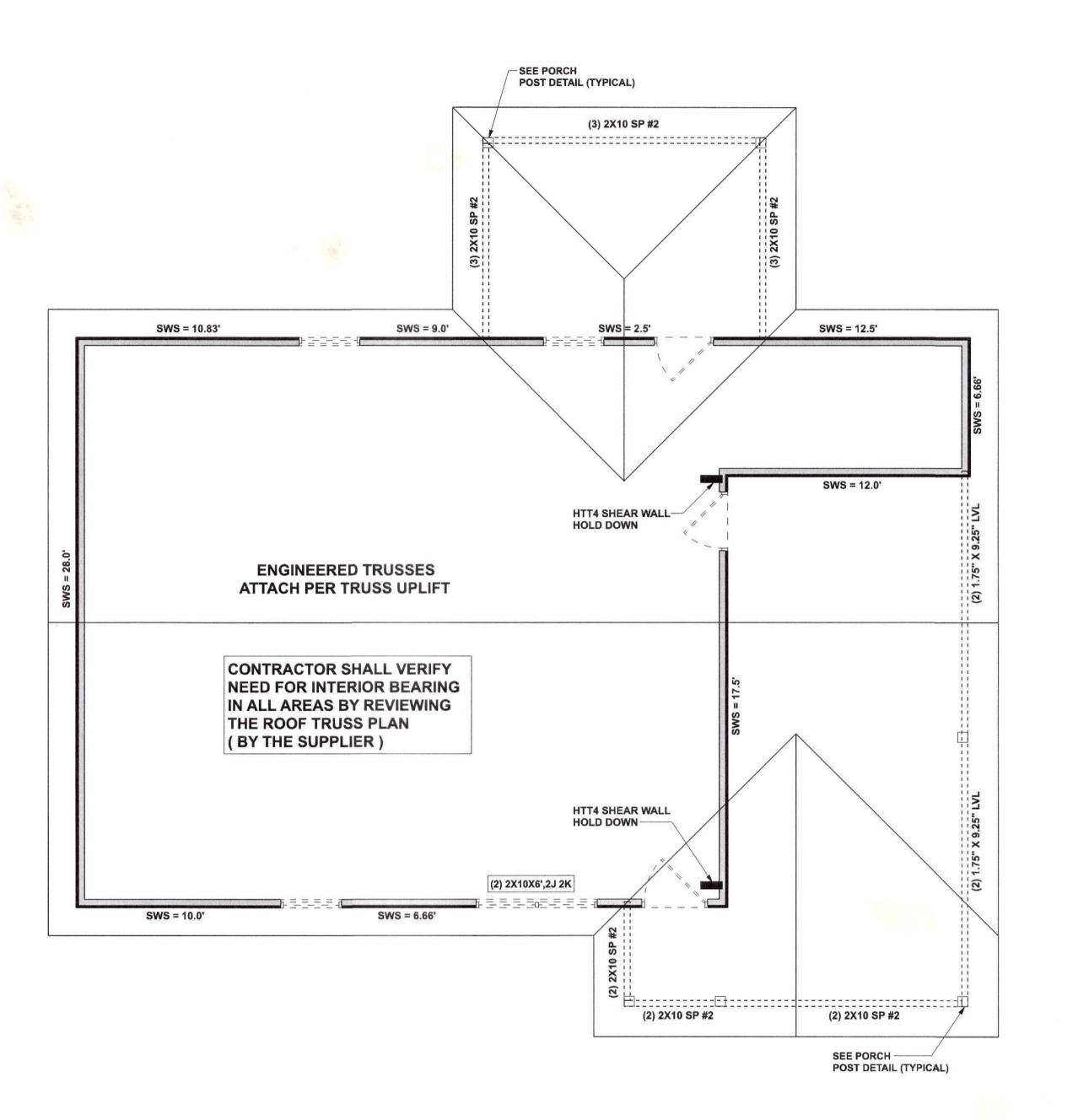
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> JOB NUMBER: 240017

S-2 OF 5 SHEETS



ROOF OVER FRAMING & BRACING DETAIL



STRUCTURAL PLAN

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

STRUCTURAL PLAN NOTES

ACTUAL vs REQUIRED

REQUIRED 9461 LBF

TRANSVERSE

12518 LBF

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. LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

15223 LBF

8019 LBF

| | HENDEN | | | |
|---------------|--------------|--|--|--|
| CHE A DIA/ALL | (2) 2X6X0',1 | | | |
| SHEARWALL | 4 4 4 4 | | | |
| LONGITUDUNAL | | | | |

HEADER/BEAM CALL-OUT (U.N.O.) 1J 1K SPAN OF HEADER -SIZE OF HEADER MATERIAL

UNLESS NOTED OTHERWISE (MINIMUM REQUIERMENTS) ***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) ALL LOAD BEARING FRAME WALL HEADERS HEADERS (JACK & KING STUDS) SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (UNO)

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

HEADERS (STRAPING)

NUMBER OF KING STUDS EACH SIDE OF OPENING (FULL LENGTH) NUMBER OF JACK STUDS EACH SIDE OF OPENING (UNDER HEADER) NUMBER OF PLIES IN HEADER

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> > **S-3** OF 5 SHEETS