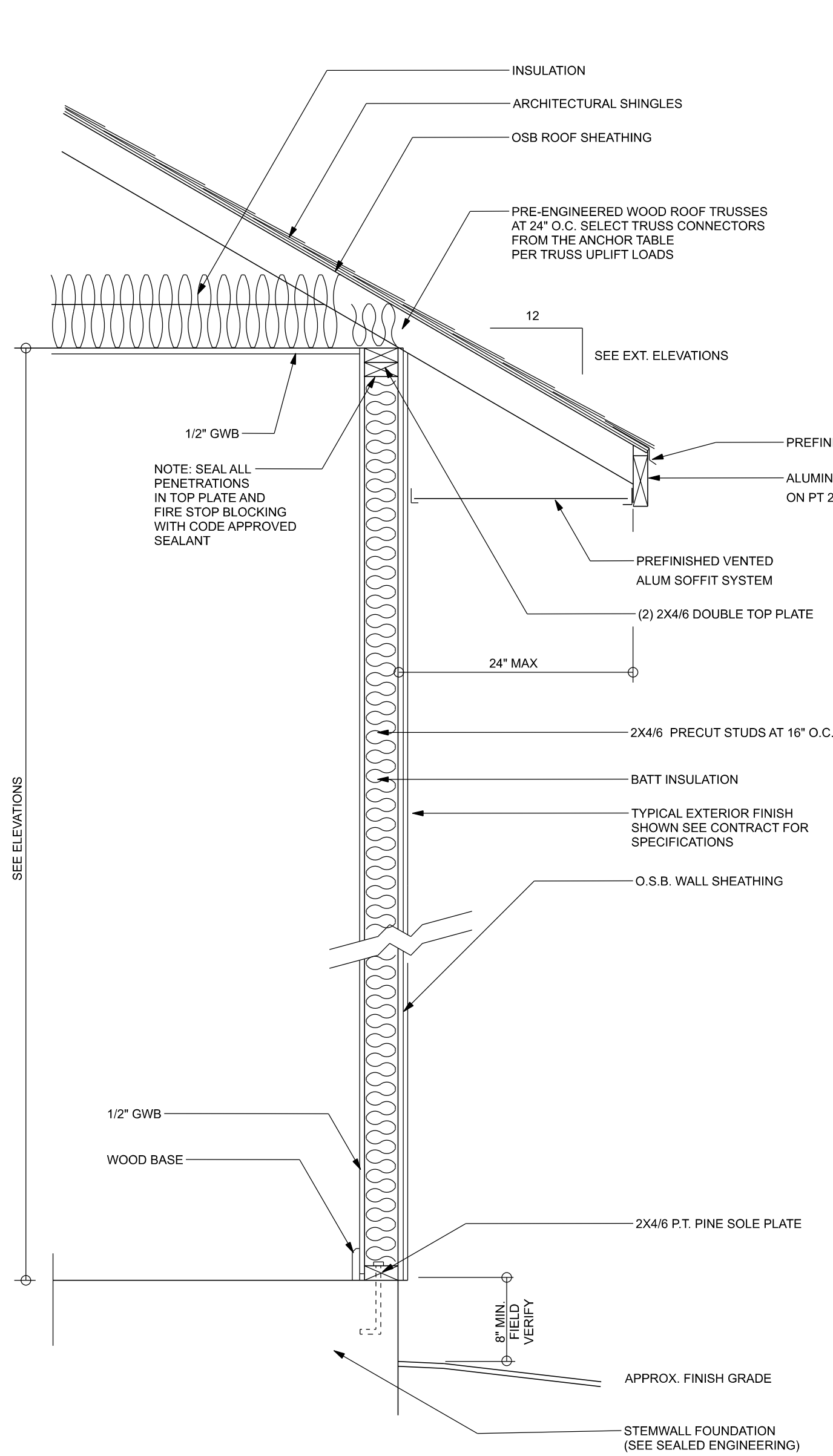




**ROOF VENT / ACCESS NOTES:**

**REQUIRED ATTIC ACCESS:**  
BUILDINGS WITH COMBUSTIBLE CEILING OR ROOF CONSTRUCTION SHALL HAVE ATTIC ACCESS OPENING TO ATTIC AREAS THAT EXCEED 30 SQUARE FEET AND HAVE A VERTICAL HEIGHT OF 30" OR GREATER. THE VERTICAL HEIGHT SHALL BE MEASURED FROM THE TOP OF THE CEILING FRAMING MEMBERS TO THE UNDERSIDE OF THE ROOF FRAMING MEMBERS. THE ROUGH-FRAMED OPENING SHALL NOT BE LESS THAN 22" x 30" AND SHALL BE LOCATED IN A HALLWAY OR OTHER READILY ACCESSIBLE LOCATION. WHEN LOCATED IN A WALL, THE OPENING SHALL BE A MIN. OF 22" WIDE x 30" HIGH. WHEN THE ACCESS IS LOCATED IN A CEILING, MIN. UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE SHALL BE 30" AT SOME POINT ABOVE THE ACCESS MEASURED VERTICALLY FROM THE BOTTOM OF CEILING FRAMING MEMBERS.  
SEE SECTION M1001.3 FROM ACCESS REQUIREMENTS WHERE MECHANICAL EQUIPMENT IS LOCATED IN ATTICS

**REQUIRED ROOF VENTILATION:**  
ENCLOSED ATTIC AND ENCLOSED RAFTER SPACES FROMED WHERE CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE SPACE BY VENTILATING OPENING PROTECTED AGAINST THE ENTRANCE OF RAIN. VENTILATION OPENINGS SHALL HAVE A LEAST DIMENSION OF 1/16" MIN. AND 1/4" MAX. VENTILATION OPENINGS HAVING A LEAST DIMENSION LARGER THAN 1/4" SHALL BE PROVIDED WITH CORROSION-RESISTANT WIRE CLOTH SCREENING, HARDWARE CLOTH, OR SIMILAR MATERIAL WITH OPENINGS HAVING A LEAST DIMENSION OF 1/16" MIN. AND 1/4" MAX. OPENINGS IN ROOF FRAMING MEMBERS SHALL CONFORM TO THE REQUIREMENTS OF SEC. R802.1.8. REQUIRED VENTILATION OPENINGS SHALL OPEN DIRECTLY TO OUTSIDE AIR.

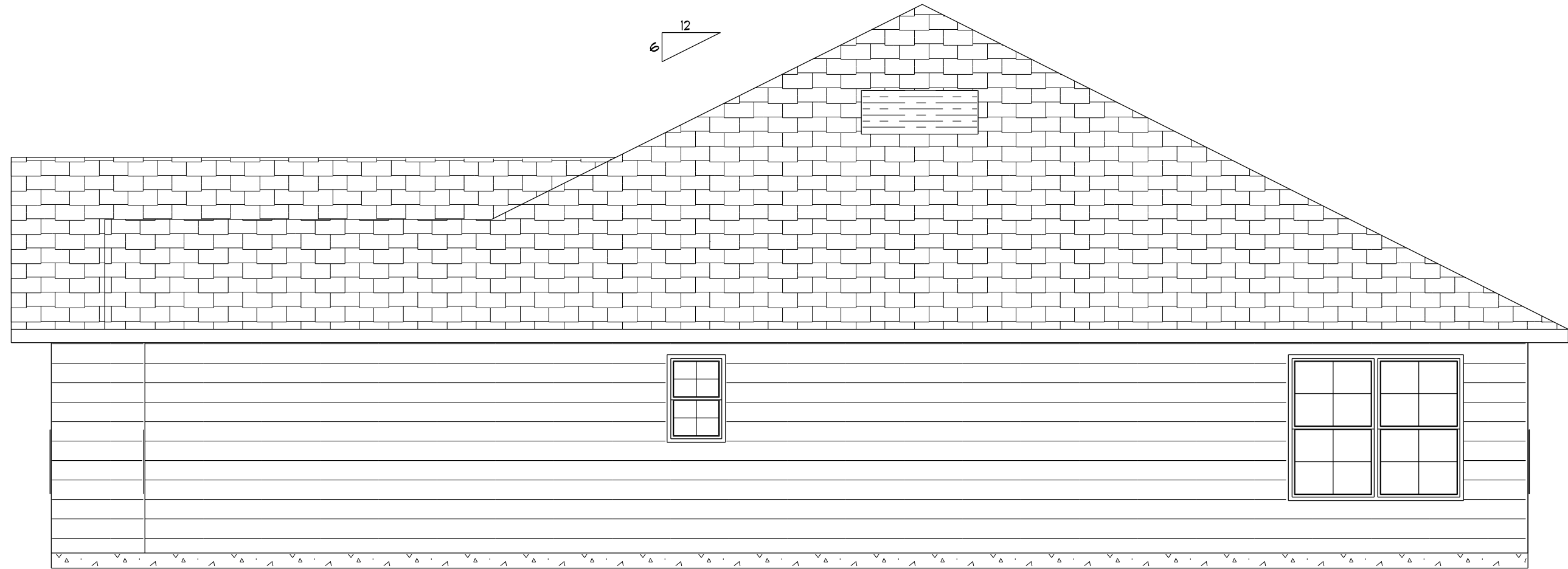
**MINIMUM ROOF VENT AREA:**  
THE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE.  
EXCEPTION: THE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/300 OF THE VENTED SPACE PROVIDED ONE OR MORE OF THE FOLLOWING CONDITIONS ARE MET:  
1. IN CLIMATE ZONES 6, 7 AND 8, A CLASS 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.

**TYPICAL DESIGN WALL SECTION**  
**NON - STRUCTURAL DATA**  
SCALE: 3/4" = 1'-0"



**FRONT ELEVATION**

NOTE: 24" OVERHANG ON EAVES  
12" OVERHANG ON GABLE ENDS



**RIGHT SIDE ELEVATION**



**REAR ELEVATION**



**LEFT SIDE ELEVATION**

| REVISIONS |  |
|-----------|--|
|           |  |
|           |  |
|           |  |

**SOFTPLAN**  
ARCHITECTURAL DESIGN SOFTWARE

**1740 Model**  
**- Left -**

Lot 29  
Cannon Creek Place  
Lake City, FL

PRINTED DATE:  
Thursday, January 14, 2021

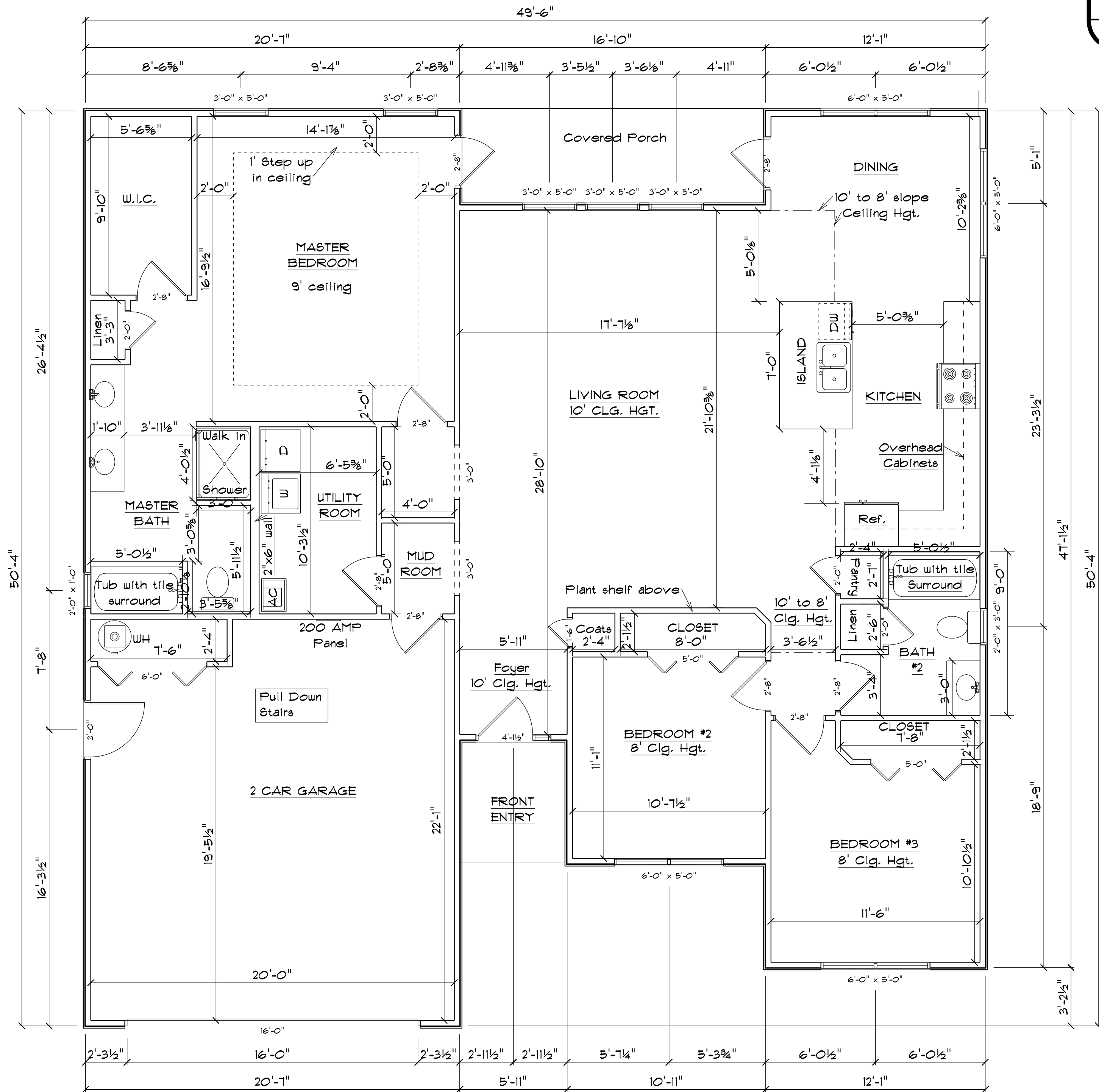
DRAWING NUMBER

**#1**

OF 2 SHEETS

| REVISIONS |  |
|-----------|--|
|           |  |
|           |  |
|           |  |

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE



FLOOR PLAN

|                           |           |
|---------------------------|-----------|
| A/C LIVING AREA =         | 1740 S.F. |
| FRONT ENTRY =             | 46 S.F.   |
| 2 CAR GARAGE =            | 468 S.F.  |
| REAR PORCH (UNDER ROOF) = | 90 S.F.   |
| TOTAL AREA UNDER ROOF =   | 2344 S.F. |

**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 |

| 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                |

| 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 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, DEN, 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                   | A MINIMUM OF 75% OF PERMANENTLY INSTALLED LAMPS OR LIGHTING FIXTURES SHALL BE HIGH EFFICACY FBC EC SEC. R404.1                                                                                                                                                                                                                                                                                          |

ELECTRICAL PLAN

1740 Model  
- Left -

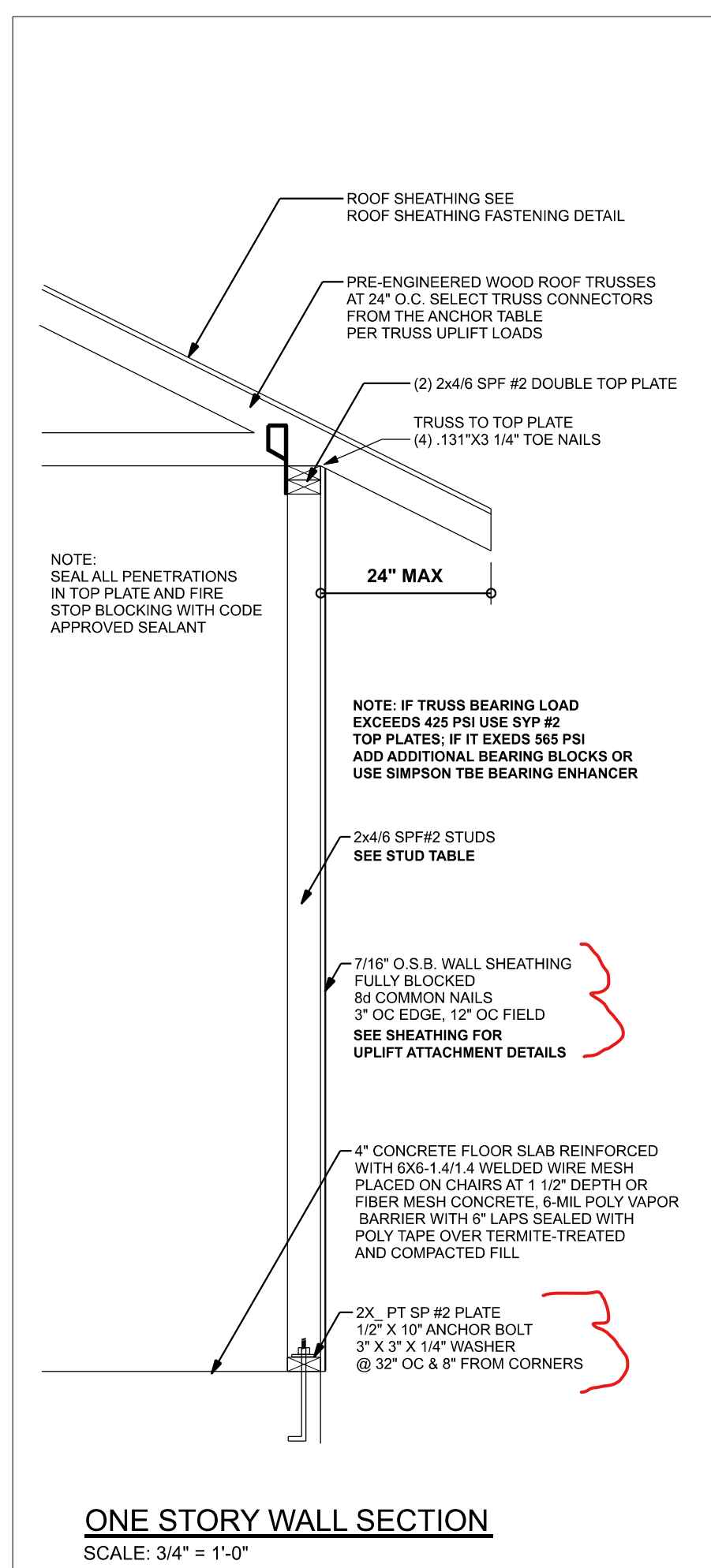
Lot 29  
Cannon Creek Place  
Lake City, FL

PRINTED DATE:  
Thursday, January 14, 2021

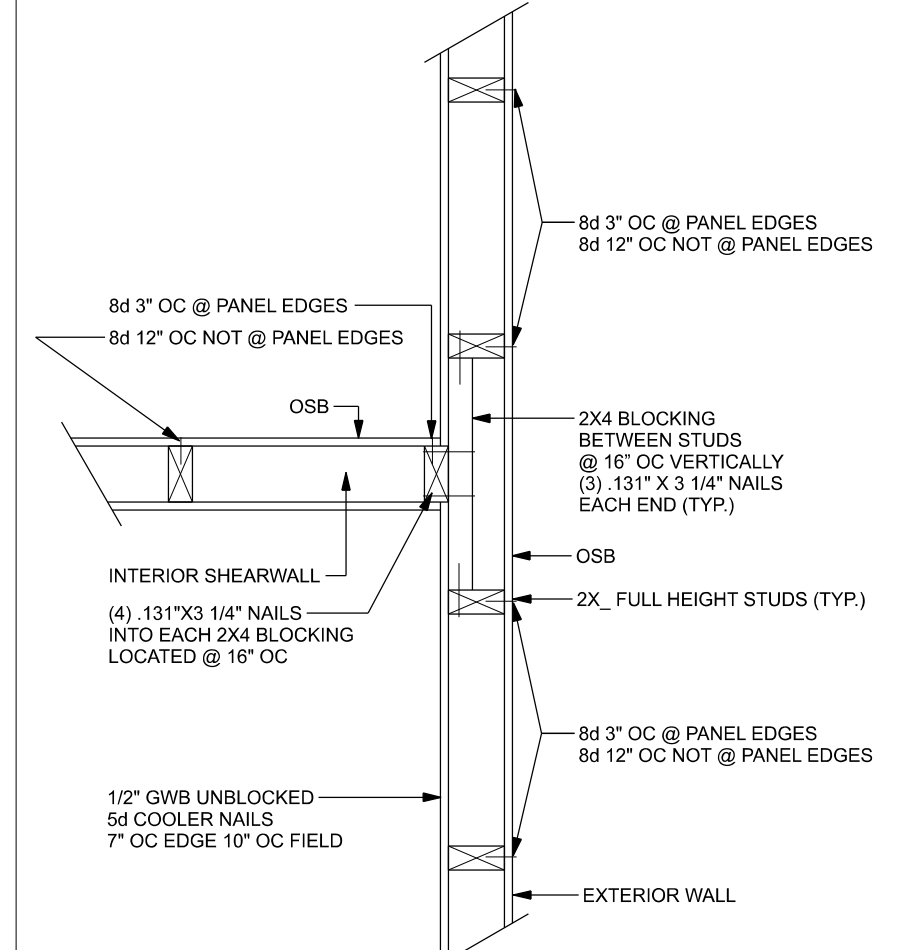
DRAWING NUMBER

#2

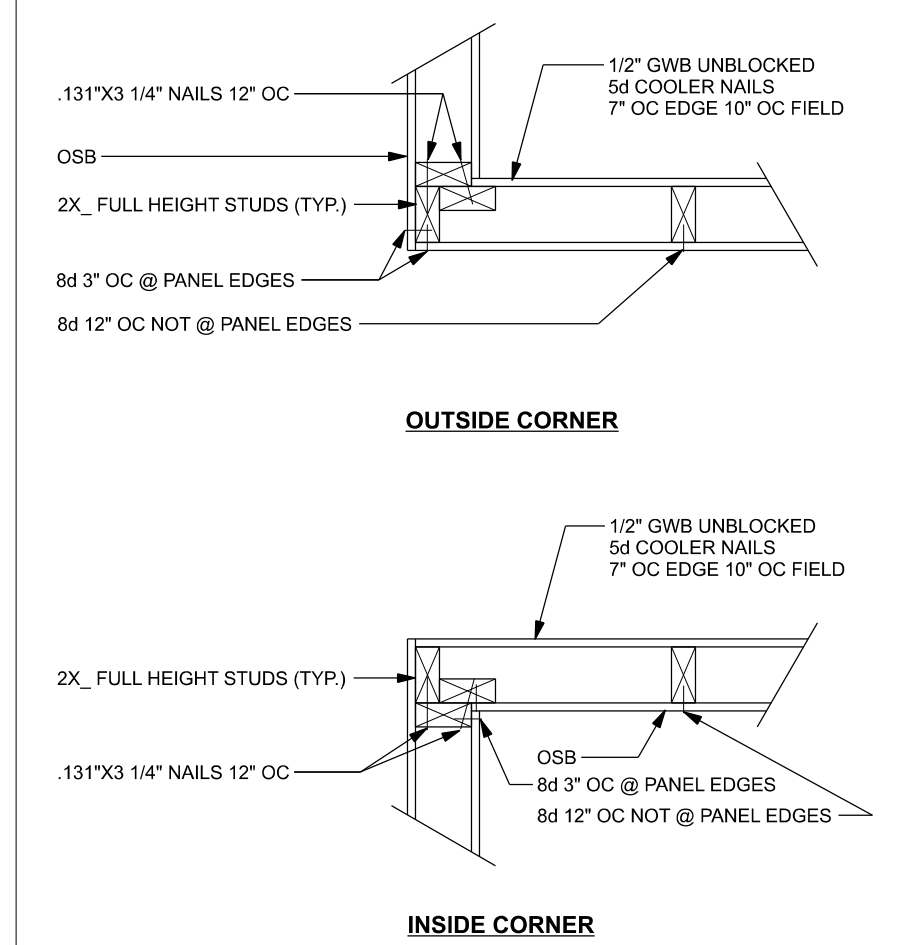
OF 2 SHEETS



**ONE STORY WALL SECTION**  
SCALE: 3/4" = 1'-0"



**(TYP.) INTERSECTING WALL FRAMING**  
WOOD FRAME

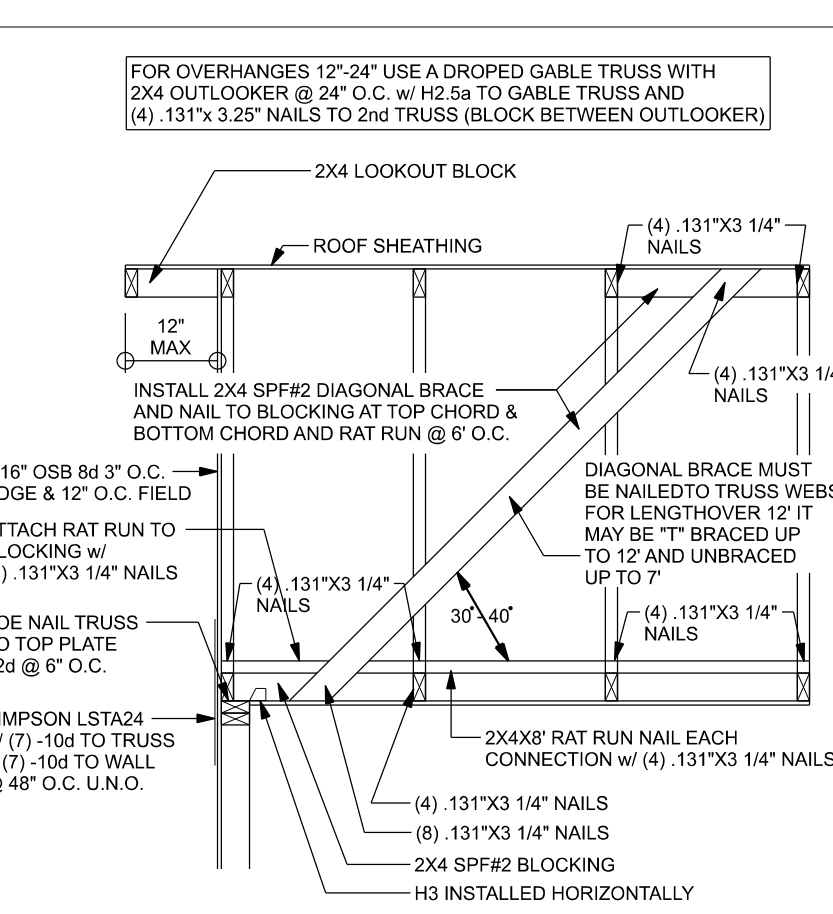


**(TYP.) CORNER FRAMING**  
WOOD FRAME

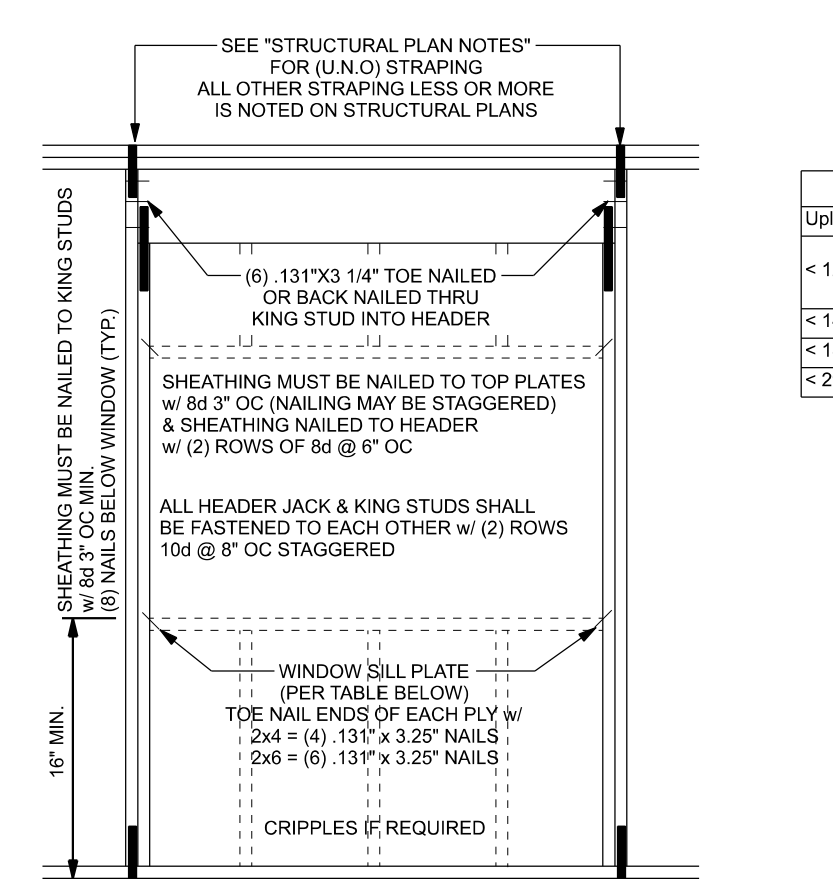
| ROOF SHEATHING FASTENING TABLE (RAFTER / TRUSS SG = 0.49) |                                    |                                                                        |                                |                                                             |
|-----------------------------------------------------------|------------------------------------|------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------|
| Wind Speed                                                | Sheathing Thickness Plywood Or OSB | Required Nail                                                          | Nail spacing along panel edges | Nail spacing along intermediate supports in the panel field |
| 120 mph Exp. B                                            | 7/16"                              | ASTM F1667 RSR-01 (2 3/8" x 0.113")                                    | 6" oc                          | 12" oc                                                      |
| 120 mph Exp. C                                            | 7/16"                              | ASTM F1667 RSR-01 (2 3/8" x 0.113")                                    | 6" oc                          | 6" oc                                                       |
| 120 mph Exp. D                                            | 19/32"                             | ASTM F1667 RSR-03 (2 1/2" x 0.131") or ASTM F1667 RSR-04 (3" x 0.120") | 6" oc                          | 6" oc                                                       |
| 130 mph Exp. B                                            | 7/16"                              | ASTM F1667 RSR-01 (2 3/8" x 0.113")                                    | 6" oc                          | 6" oc                                                       |
| 130 mph Exp. C                                            | 15/32"                             | ASTM F1667 RSR-01 (2 3/8" x 0.113")                                    | 6" oc                          | 6" oc                                                       |
| 130 mph Exp. D                                            | 19/32"                             | ASTM F1667 RSR-03 (2 1/2" x 0.131") or ASTM F1667 RSR-04 (3" x 0.120") | 6" oc                          | 6" oc                                                       |
| 140 mph Exp. B                                            | 7/16"                              | ASTM F1667 RSR-01 (2 3/8" x 0.113")                                    | 6" oc                          | 6" oc                                                       |
| 140 mph Exp. C                                            | 19/32"                             | ASTM F1667 RSR-03 (2 1/2" x 0.131") or ASTM F1667 RSR-04 (3" x 0.120") | 6" oc                          | 6" oc                                                       |
| 140 mph Exp. D                                            | 19/32"                             | ASTM F1667 RSR-03 (2 1/2" x 0.131") or ASTM F1667 RSR-04 (3" x 0.120") | 6" oc                          | 6" oc                                                       |

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 edges and 6 inches on center along intermediate supports in the panel field.

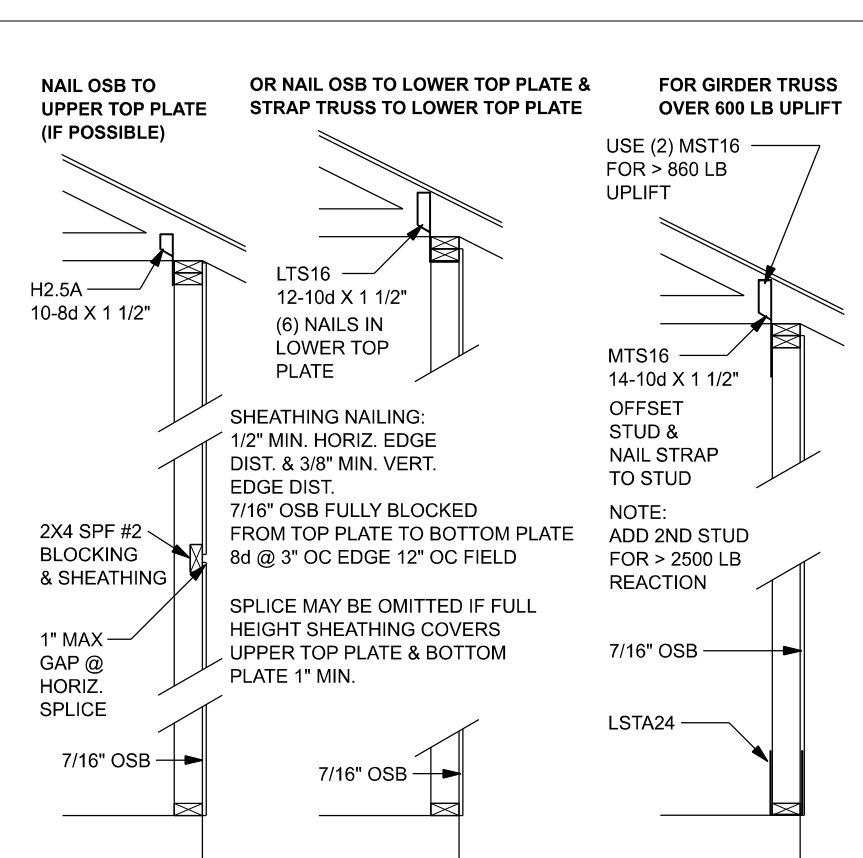
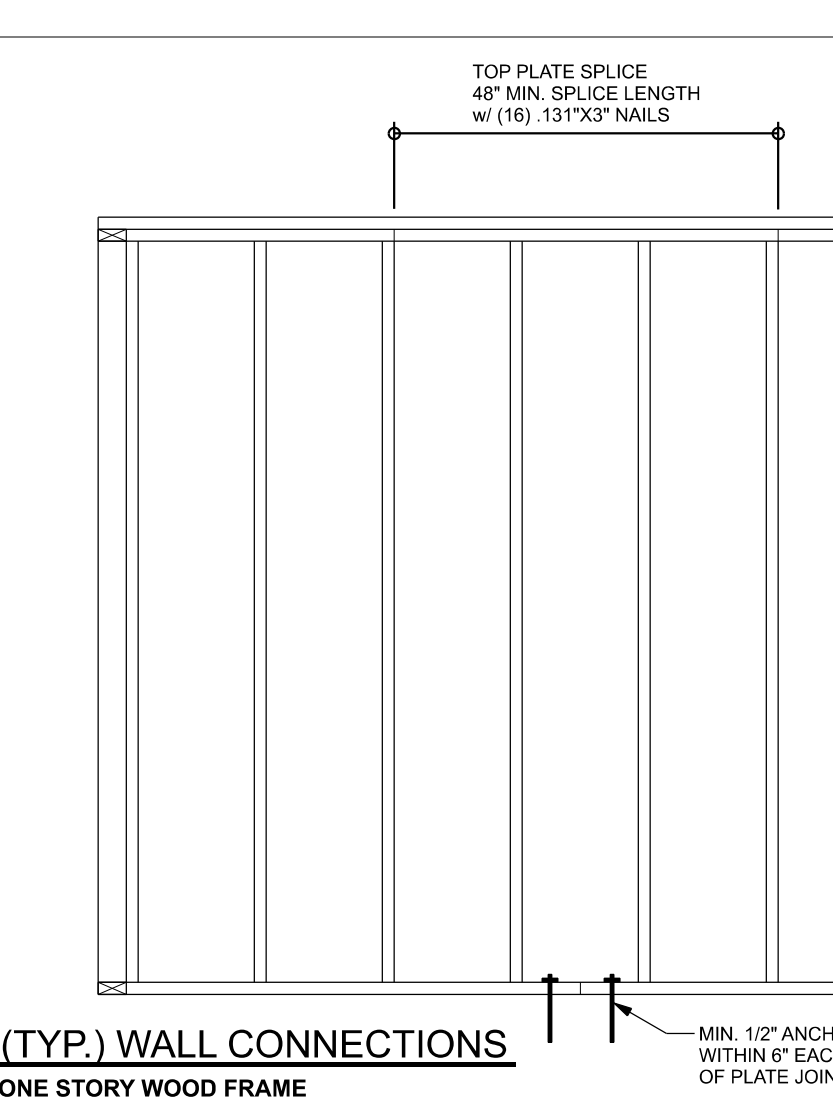
Note:  
This table specifies the code minimum thickness of roof sheathing. The thickness of the sheathing may need to be increased based in the type of roofing material being used. See manufacturer Florida product approval.



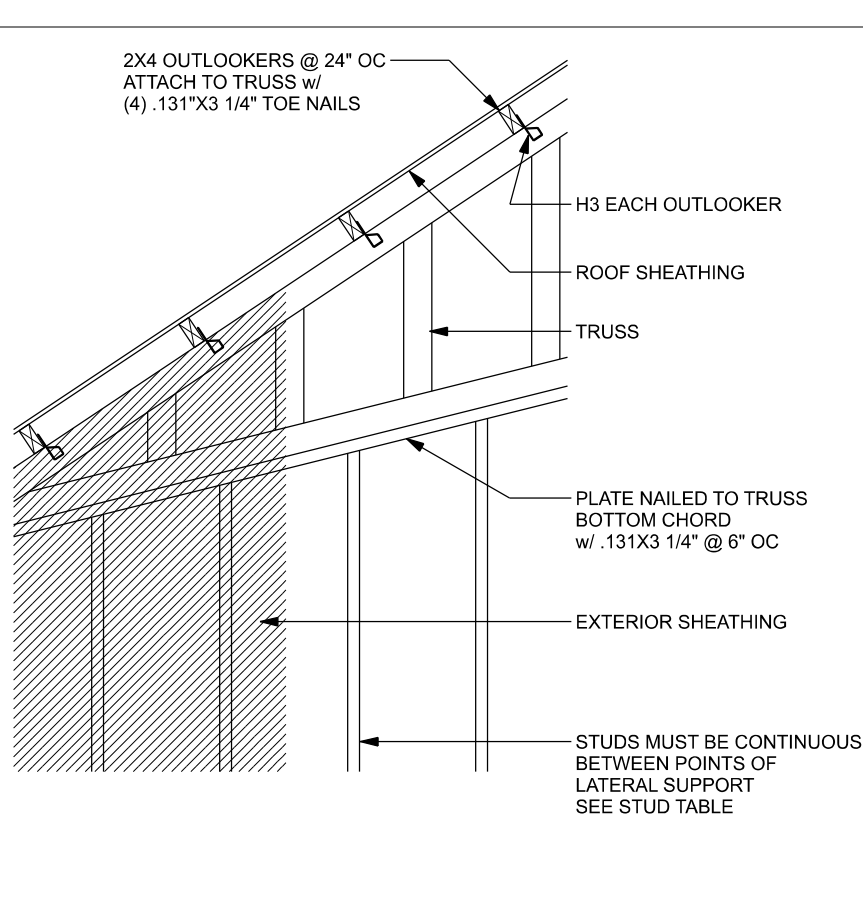
**(TYP.) GABLE BRACING DETAIL**  
WOOD FRAME



**TYPICAL HEADER STRAPPING DETAIL**  
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



**SHEATHING FOR UPLIFT ATTACHMENT DETAILS**  
ONE STORY WOOD FRAME

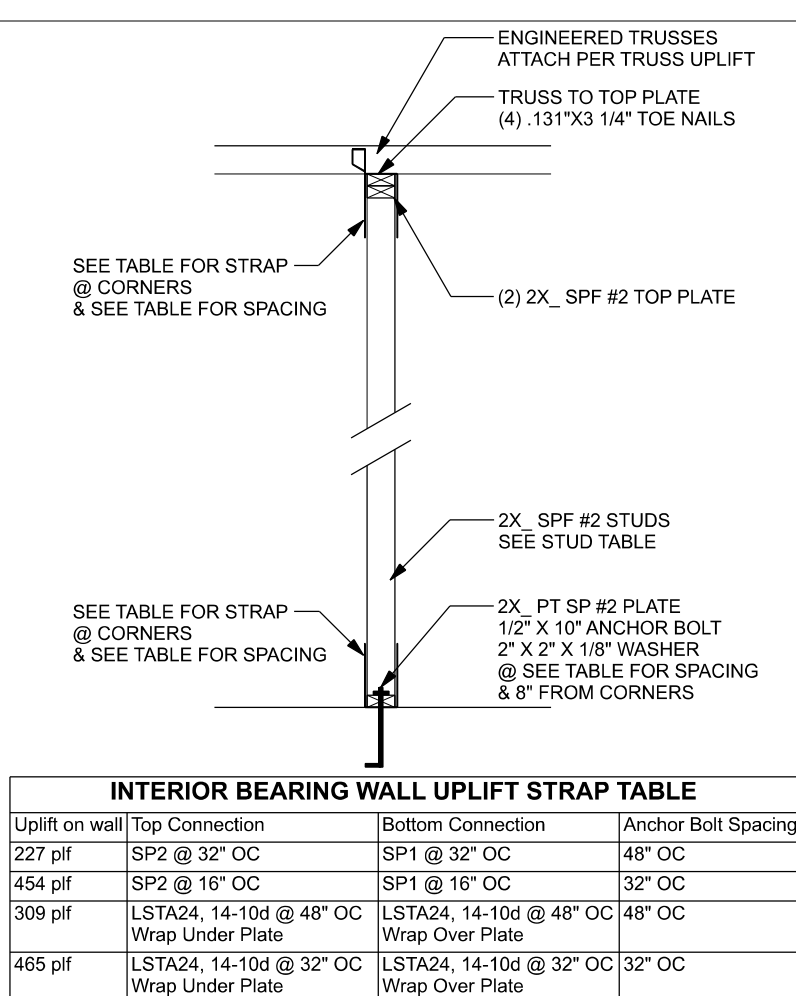


**(TYP.) GABLE WALL w/ VAULTED CEILING**  
WOOD FRAME

| HEADER STRAP TABLE |                                   |
|--------------------|-----------------------------------|
| Uplift             | Top Connection                    |
| < 1235             | LSTA24, 14-10d wrap over plate    |
| < 1455             | MSTA24, 18-10d header to jacks    |
| < 1800             | (2) MST24, 18-10d header to jacks |
| < 2910             | (2) MST24, 18-10d header to jacks |

| SILL PLATE SPANS FOR 10'-0" WALL HEIGHT |                          |
|-----------------------------------------|--------------------------|
| DESIGN WIND SPEED                       | MAX. SPANS FOR SP#2      |
| 130 MPH EXP. C                          | 5'-3" 7'-9" 7'-7" 11'-3" |

**SILL PLATE SPANS FOR 10'-0" WALL HEIGHT**



**(TYP.) INTERIOR BEARING WALL**  
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

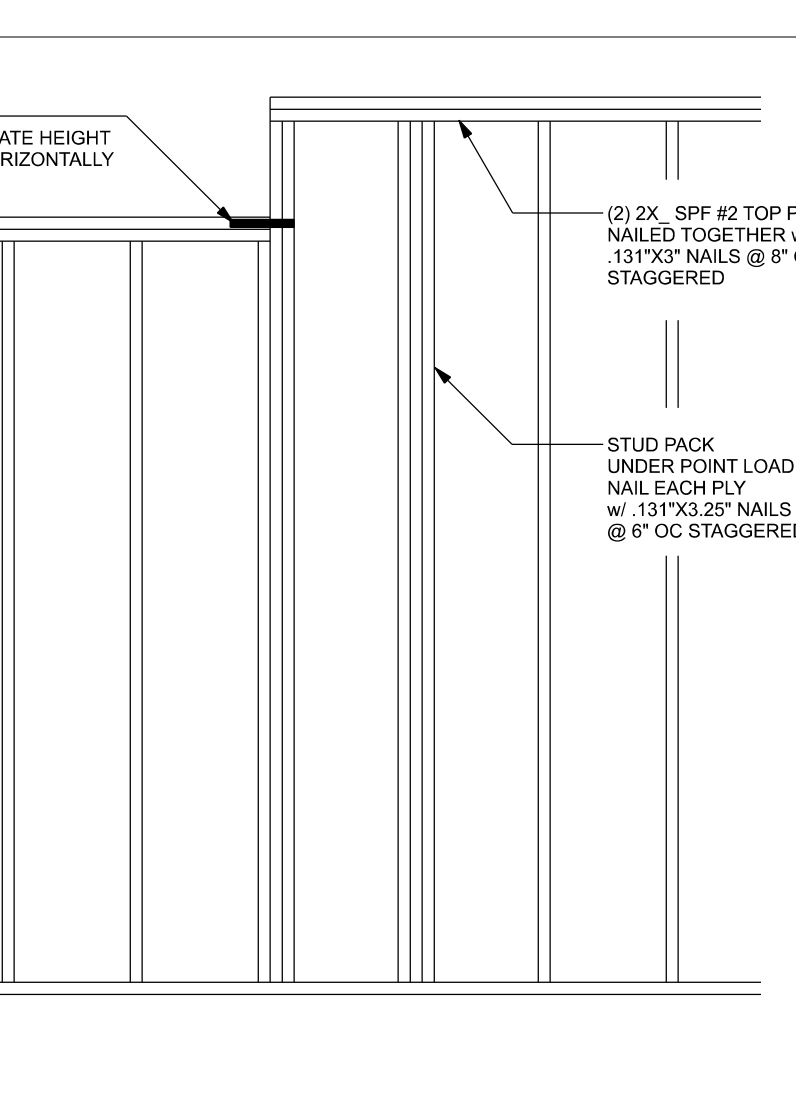


**(TYP.) INTERIOR BEARING WALL**  
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS

| GRADE & SPECIES TABLE |              |
|-----------------------|--------------|
| Grade                 | Species      |
| 2x8                   | SP #2        |
| 2x10                  | SP #2        |
| 2x12                  | SP #2        |
| GLB                   | 24F-V3 SP    |
| LSL                   | TIMBERSTRAND |
| LVL                   | MICROLAM     |
| PSL                   | PARALAM      |

| CONNECTOR TABLE      |                       |
|----------------------|-----------------------|
| Uplift SP Uplift SPF | Truss Connector       |
| 615                  | 485 SDWC15600         |
| 415                  | 290 H3                |
| 575                  | 485 H2.5A             |
| 1340                 | 1015 H10A             |
| 720                  | 620 LTS12-20          |
| 1000                 | 860 MTS12-30          |
| 1450                 | 1245 HTS20-30         |
| Uplift SP Uplift SPF | Strap Ties            |
| 1235                 | 1235 LSTA31           |
| 1640                 | 1455 MST24            |
| 1030                 | 1030 CS20             |
| Uplift SP Uplift SPF | Stud Plate Ties       |
| 585                  | 535 SP1               |
| 1065                 | 865 SP2               |
| 771                  | 771 LSTA24            |
| 1235                 | 1235 LSTA24           |
| Uplift SP Uplift SPF | Holdowns @ Stenwall   |
| 1825                 | 1800 DTT22            |
| 4235                 | 3640 HTT4             |
| Uplift SP Uplift SPF | Holdowns @ Mono       |
| 1825                 | 1800 DTT22            |
| 4235                 | 3640 HTT4             |
| Uplift SP Uplift SPF | Post Bases @ Stenwall |
| 2200                 | ABU44                 |
| 2300                 | ABU66                 |
| Uplift SP Uplift SPF | Post Bases @ Mono     |
| 2200                 | ABU44                 |
| 2300                 | ABU66                 |

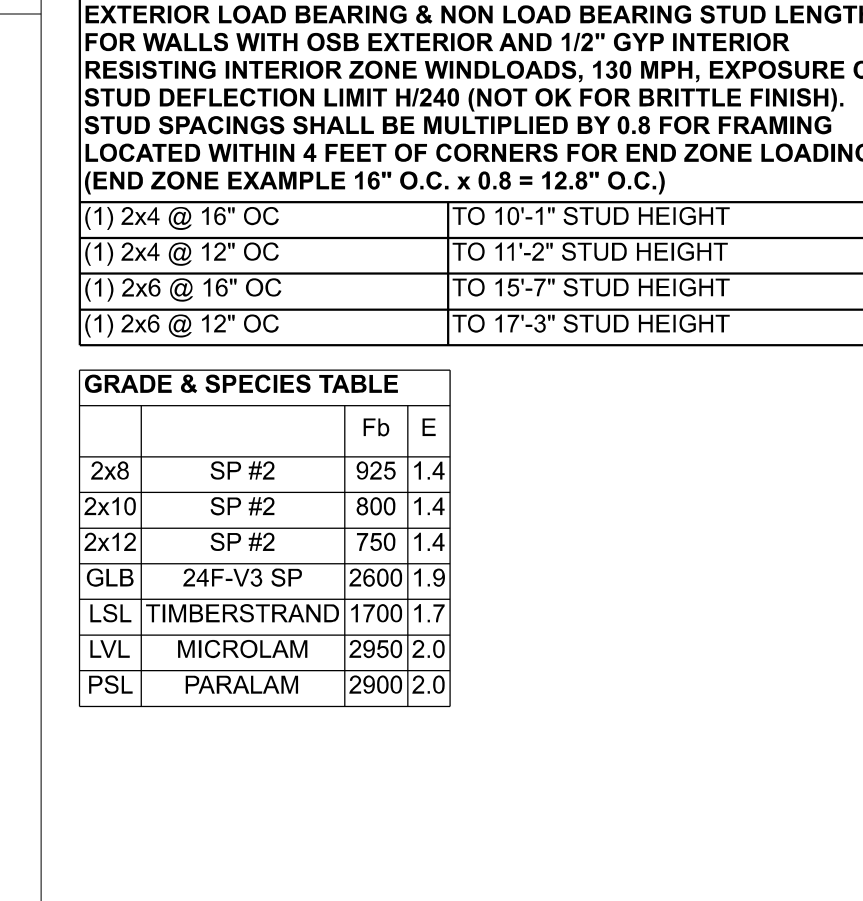
**CONNECTOR TABLE**



**(TYP.) GARAGE DOOR BUCK INSTALLATION**  
WOOD FRAME

| CONNECTOR TABLE      |                       |
|----------------------|-----------------------|
| Uplift SP Uplift SPF | Truss Connector       |
| 615                  | 485 SDWC15600         |
| 415                  | 290 H3                |
| 575                  | 485 H2.5A             |
| 1340                 | 1015 H10A             |
| 720                  | 620 LTS12-20          |
| 1000                 | 860 MTS12-30          |
| 1450                 | 1245 HTS20-30         |
| Uplift SP Uplift SPF | Strap Ties            |
| 1235                 | 1235 LSTA31           |
| 1640                 | 1455 MST24            |
| 1030                 | 1030 CS20             |
| Uplift SP Uplift SPF | Stud Plate Ties       |
| 585                  | 535 SP1               |
| 1065                 | 865 SP2               |
| 771                  | 771 LSTA24            |
| 1235                 | 1235 LSTA24           |
| Uplift SP Uplift SPF | Holdowns @ Stenwall   |
| 1825                 | 1800 DTT22            |
| 4235                 | 3640 HTT4             |
| Uplift SP Uplift SPF | Holdowns @ Mono       |
| 1825                 | 1800 DTT22            |
| 4235                 | 3640 HTT4             |
| Uplift SP Uplift SPF | Post Bases @ Stenwall |
| 2200                 | ABU44                 |
| 2300                 | ABU66                 |
| Uplift SP Uplift SPF | Post Bases @ Mono     |
| 2200                 | ABU44                 |
| 2300                 | ABU66                 |

**CONNECTOR TABLE**



**EXTERIOR WALL STUD TABLE FOR SP#2 STUDS:**

| GRADE & SPECIES TABLE |              |
|-----------------------|--------------|
| Grade                 | Species      |
| 2x8                   | SP #2        |
| 2x10                  | SP #2        |
| 2x12                  | SP #2        |
| GLB                   | 24F-V3 SP    |
| LSL                   | TIMBERSTRAND |
| LVL                   | MICROLAM     |
| PSL                   | PARALAM      |

| CONNECTOR TABLE      |                       |
|----------------------|-----------------------|
| Uplift SP Uplift SPF | Truss Connector       |
| 615                  | 485 SDWC15600         |
| 415                  | 290 H3                |
| 575                  | 485 H2.5A             |
| 1340                 | 1015 H10A             |
| 720                  | 620 LTS12-20          |
| 1000                 | 860 MTS12-30          |
| 1450                 | 1245 HTS20-30         |
| Uplift SP Uplift SPF | Strap Ties            |
| 1235                 | 1235 LSTA31           |
| 1640                 | 1455 MST24            |
| 1030                 | 1030 CS20             |
| Uplift SP Uplift SPF | Stud Plate Ties       |
| 585                  | 535 SP1               |
| 1065                 | 865 SP2               |
| 771                  | 771 LSTA24            |
| 1235                 | 1235 LSTA24           |
| Uplift SP Uplift SPF | Holdowns @ Stenwall   |
| 1825                 | 1800 DTT22            |
| 4235                 | 3640 HTT4             |
| Uplift SP Uplift SPF | Holdowns @ Mono       |
| 1825                 | 1800 DTT22            |
| 4235                 | 3640 HTT4             |
| Uplift SP Uplift SPF | Post Bases @ Stenwall |
| 2200                 | ABU44                 |
| 2300                 | ABU66                 |
| Uplift SP Uplift SPF | Post Bases @ Mono     |
| 2200                 | ABU44                 |
| 2300                 | ABU66                 |

**CONNECTOR TABLE**



**(TYP.) GARAGE DOOR BUCK INSTALLATION**  
WOOD FRAME

**GENERAL NOTES:**

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY THE TRUSS DESIGNER'S DESIGN. THE BUILDER SHALL BE RESPONSIBLE FOR VERIFYING THE TRUSS DESIGNER'S DESIGN SATISFIES ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTORS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF THE TRUSS REACTIONS ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN. UPLIFT CONNECTION 415LB EACH END, 2X4 RAFTERS 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN.

FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1500 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVES OTHERWISE).

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F<sub>c</sub> = 2500 PSI.

WELDED WIRE REINFORCED SLAB: 6" x 6" W1 x W1.4, F<sub>y</sub> = 88ksi, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185, LOCATED IN MIDDLE 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, FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12 FT. DO NOT CUT WWM OR REINFORCING STEEL (RECOMMENDED) LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE DESIGNER'S INTENT IS TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A 615, GRADE 40, DEFORMED BARS, F<sub>y</sub> = 40 KSI, ALL LAP SPLICES 40" DB (25" FOR 45 BARS), UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-86, UNLESS OTHERWISE NOTED.

ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS; SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED.

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

ANCHOR BOLTS: 3/07 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 12" IN GROUTED CMU.

**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 SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.

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

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

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING 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 TO THE WIND LOAD ENGINEER. IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED, AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FBCR REQUIRED LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND

|         |                                  |                                                                                                                                                                       |
|---------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | ACI908.1-02 Section              | Specific Requirements                                                                                                                                                 |
| 1.4A    | Compressive strength             | 8" block bearing walls F <sub>m</sub> = 1500 psi                                                                                                                      |
| 2.1     | Mortar                           | ASTM C-270, Type N, Unglazed                                                                                                                                          |
| 2.2     | Grout                            | ASTM C-476, admixture per approved                                                                                                                                    |
| 2.3     | CMJ standard                     | ASTM C-90, Grade 50, Normal weight, Hollow, medium surface finish, 8"x8"x16" running bond and 12"x12"x16" column block                                                |
| 2.3     | Gray block standard              | ASTM C-216-02, Grade S, Type FBS, 5.5-9.2 7.9x15-17                                                                                                                   |
| 2.4     | Reinforcing bars, #3-#11         | ASTM 615, Grade 40, Fly ash, SW. Lap splices min 40 bar dia. (25" for #5)                                                                                             |
| 2.4     | Coating for corrosion protection | Anchors, short steel ties completely encased in mortar or grout. ASTM A525, Class G60, 60 w/c or 304SS                                                                |
| 2.4     | Coating for corrosion protection | Joint reinforcement in walls exposed to moisture, wind wear or corrosion. ASTM ties not completely encased in mortar or grout. ASTM A153, Class B2, 1.50 w/c 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.                                                       |

CONCRETE SLAB

NOTE: FOR STEM WALL FOUNDATIONS OVER 5 COURSES IN HEIGHT THE SLAB IS REQUIRED TO BE ATTACHED TO THE STEM WALL @ BOND BEAM w/ 2" X 2" #5 CORNER REBARS

(1) LEG EXTENDING INTO SLAB & (1) LEG LAPPED w/ THE HORIZONTAL BOND BEAM REBAR SPACED THE SAME AS VERTICAL REBAR

(1) #5 CONTINUOUS IN HEADER/BLOCK BOND BEAM @ SLAB EDGE INTERSECTION w/ STEM WALL

#5 VERT. REBAR w/ STD. HOOK IN FOOTING @ EACH CORNER & 72" OC

8X8X16, RUNNING BOND, CMU STEM WALL, MAX 5 COURSES

3" MIN. COVER (TYP.)

20" W X 10" D POURED CONCRETE STRIP FOOTING w/ (2) #5 REBAR CONTINUOUS

CONCRETE SLAB

16" W X 12" D  
THICKENED SLAB FOOTING  
w/ (2) #5 CONTINUOUS

CONCRETE SLAB

32" MAX.

8" MIN.

3" MIN. COVER (TYP.)

(1) #5 CONTINUOUS IN HEADER-BLOCK BOND BEAM

#5 VERT. REBAR w/ STD HOOK IN FOOTING @ EACH CORNER & 48" OC

6X8X16, RUNNING BOND, CMU STEM WALL

20" W X 10" D POURED CONCRETE STRIP FOOTING w/ (2) #5 REBAR CONTINUOUS

Diagram illustrating the detail for a garage door pocket. The structure consists of a concrete slab above a garage door pocket. A vertical dimension of 3/4" is indicated for the gap between the slab and the pocket. The pocket is supported by a 12" W X 12" D MIN. MONO FOOTING, which contains two #5 continuous bars.

OPTIONAL INTERIOR BEARING  
STEP FOOTING

F3  
S-2

SCALE: 1/2" = 1'-0"

4" - 6" CURB (optional)

7" MIN. EMBEDMENT

12" W X 16" D + CURB  
MONO FOOTING  
w/ (2) #5 CONTINUOUS

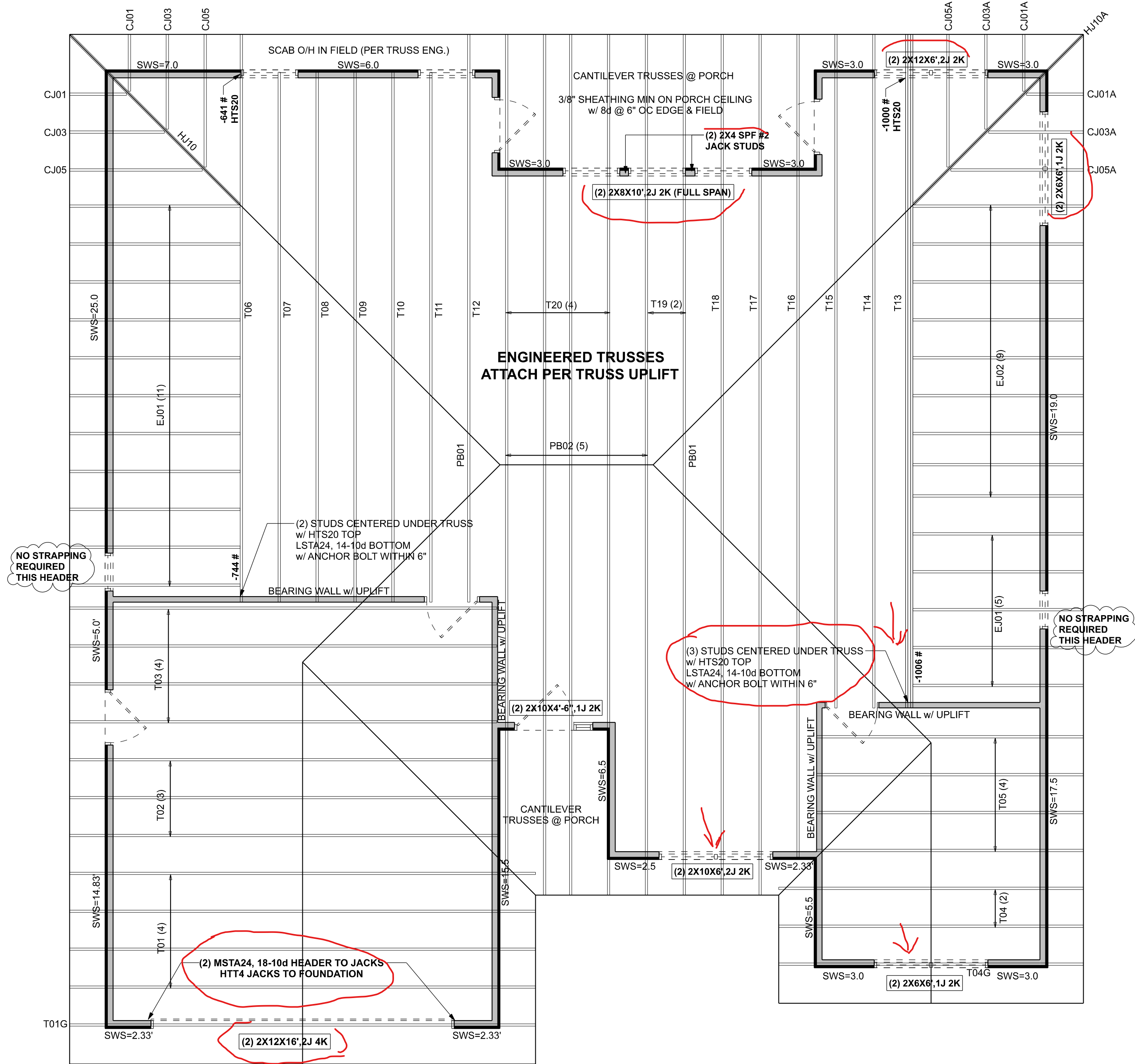
CONCRETE SLAB

**OPTIONAL MONOLITHIC CURB FOOTING**

SCALE: 1/2" = 1'-0"

FN - 3 THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED WITH 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

OF 3 SHEETS

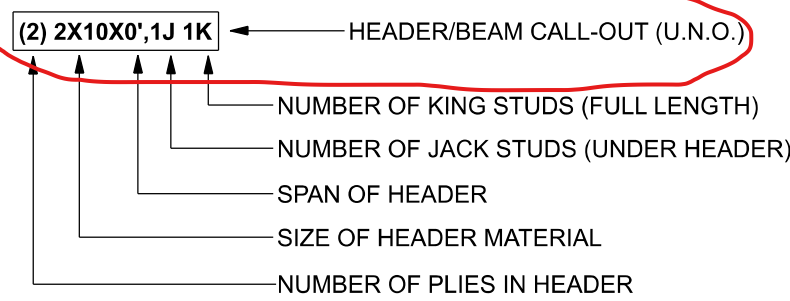


STRUCTURAL PLAN  
SCALE: 1/4" = 1'-0"

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 ALL HEADERS w/ UPLIFT TO BE STRAPPED DOWN @ EACH SIDE WITH (1) LSTA24, 14-10d @ TOP & BOTTOM OF WALL WRAP UNDER BOTTOM PLATE & OVER TOP PLATE 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.)
- SN-4 USE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD
- SN-5 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-6 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

HEADER LEGEND



ACTUAL vs REQUIRED SHEARWALL

|          | TRANSVERSE | LONGITUDINAL |
|----------|------------|--------------|
| ACTUAL   | 26119 LBF  | 10122 LBF    |
| REQUIRED | 9533 LBF   | 9589 LBF     |

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, BUILDERS FIRST SOURCE JOB #2280164

JT Builders, LLC  
Spec House - Lot 29 Cannon Creek Place  
PROJECT ADDRESS:  
Lot 29 Cannon Creek Place  
Lake City, FL

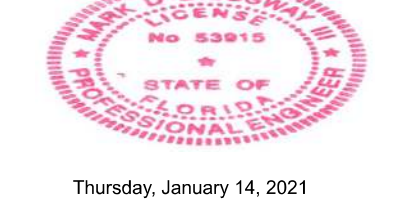
DIMENSIONS:  
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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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 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

MARK DISOSWAY P.E. 53915  
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Thursday, January 14, 2021  
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JOB NUMBER:  
210058  
**S-3**  
OF 3 SHEETS