

## DESIGN SPECIFICATIONS

DESIGN CODE:  
2017 FLORIDA BUILDING CODE – RESIDENTIAL  
DESIGN IS VOID ONE YEAR AFTER THE DATE OF THE ORIGINAL PLANS,  
UNLESS PLANS HAVE BEEN REVIEWED FOR CODE COMPLIANCE.

DESIGN LOADS: ACTUAL AND UNIFORM	ROOF	FLOOR
ROOF LOADING (cd=1.25)	(cd=1.25)	(cd=1.00)
TOP CHORD DEAD LOAD	20 psf	40 psf
TOP CHORD DEAD LOAD	7 psf (ARCH SHINGLES)	10 psf
TOP CHORD DEAD LOAD	20 psf (TILE SHINGLES)	10 psf
BOTTOM CHORD DEAD LOAD	10 psf	0 psf
BOTTOM CHORD DEAD LOAD	5 psf	0 psf

DEFLECTION CRITERIA:  
ROOF FRAMING: LIVE LOAD L/240 TOTAL LOAD L/180  
FLOOR FRAMING: LIVE LOAD L/360 & TOTAL LOAD L/240  
0.75" MAX ANY CASE

WIND LOADING:  
ASCE 7/10 FOR WIND UPLIFT, TRUSSES SHALL BE DESIGNED WITH A MIN. DEAD LOAD CONDITION OF 5 PSF TOP CHORD AND 5 PSF BOTTOM CHORD. REACTIONS CALCULATED FOR THE BEARING POINTS OF ROOF TRUSSES SHALL BE REDUCED SPECIFICALLY ATTIC FLOOR LIVE LOADS COMBINED WITH ROOF LIVE LOADS SHALL BE MULTIPLIED BY 0.75 WHEN COMBINED W/ DEAD LOADS.

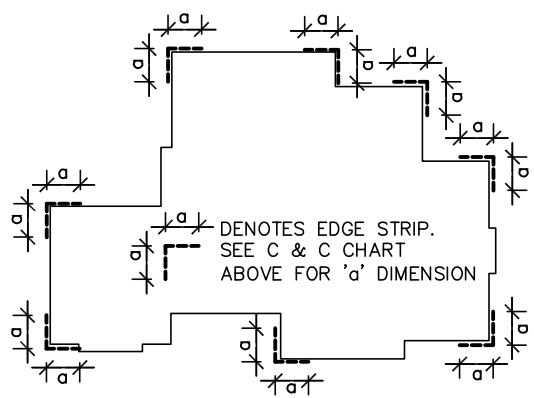
BASIC WIND SPEED (ASCE 7-10)	130 MPH
IMPORTANCE FACTOR	1.00
MEAN ROOF HEIGHT	20.0 FT
ROOF PITCH	7/12
BUILDING CATEGORY	C
EXPOSURE CATEGORY	C
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	+ .18

## MATERIAL SPECIFICATIONS

**HARDWARE AND ANCHORS:**  
**ANCHOR BOLTS & THREADED ROD:** SHALL BE IN ACCORDANCE WITH ASTM A 307 OR ASTM F 1554 GRADE 36  
**WASHERS:** SHALL BE IN ACCORDANCE WITH ASTM A500 (GRADE B). NUTS: SHALL BE IN ACCORDANCE WITH ASTM A 563 GRADE 5  
**METAL CONNECTORS:** ALL METAL CONNECTORS WHICH ARE EXPOSED TO EXTERIOR SHALL BE GALVANIZED.  
**REBAR/ROD INSTALLATION:** EMBEDMENT OF RODS OR REBAR DONNELS SHALL BE 12 BAR DIAMETER MINIMUM. HOLES SHALL BE 1/4" LARGER THAN REBAR SIX AND 1/4" LARGER THAN THREADED ROD SIZE. (U.O.N.)  
**ANCHORING ADHESIVE:** SHALL BE ONE OF THE FOLLOWING PRODUCTS (QUAL CARTRIDGE INSTALLATION ONLY):  
EPOXY: ITW RED HEAD AT  
REINFORCING STEEL: SHALL BE ASTM A615, GRADE 60.  
STRUCTURAL STEEL: SHALL BE ASTM A992, GRADE 50.  
WELDED WIRE FABRIC (WWF): SHALL BE ASTM A185.  
LAMINATED VENEER LUMBER (LVL): ALL LAMINATED VENEER LUMBER SHALL MEET OR EXCEED THE FOLLOWING DESIGN PROPERTIES – ELASTIC MODULUS (E), 1900ksi, BENDING STRESS (Fb) 2600psi

COMPONENTS & CLADDING ALLOWABLE DESIGN PRESSURES	TRIBUTARY AREA (sf)	INTERIOR ZONE (PSF)	EDGE STRIP (PSF): a' = 4'-6"	GARAGE DOOR PRESSURES (PSF)
1 CAR GARAGE DOOR (8'x7')	10	+25.6 – -27.7	+25.6 – -34.2	+22.9
2 CAR GARAGE DOOR (16'x7')	50	+22.9 – -25.0	+22.9 – -28.8	+21.8
	100	+21.8 – -23.9	+21.8 – -26.6	-23.9

- THE VALUES ABOVE ARE ALLOWABLE WIND PRESSURE VALUES (ASD). THE ABOVE WIND PRESSURES HAVE BEEN REDUCED BY 0.60 AS PERMITTED BY THE ALLOWABLE STRESS DESIGN METHODOLOGY. NO FURTHER REDUCTION SHALL BE PERMITTED
- COMPONENT & CLADDING WALL ELEMENTS SHALL BE DESIGNED FOR BOTH POSITIVE AND NEGATIVE PRESSURES SHOWN IN TABLE ABOVE.
- LINEAR INTERPOLATION IS PERMISSIBLE.
- PLUS = PRESSURE AND MINUS = SUCTION.
- DESIGN OF WINDOWS/DOORS FASTENING TO THE WALL FRAMING IS THE RESPONSIBILITY OF THE WINDOW/DOOR MANUF./SUPPLIER & SHALL MEET THE ABOVE NOTED POSITIVE AND NEGATIVE PRESSURES.



## SCOPE OF SERVICE

**MEANS AND METHODS:**  
THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, PROCEDURES, OR SEQUENCES; FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR OR ANY OTHER PERSONS PERFORMING THE WORK OR FOR THE FAILURE FOR ANY OF THEM TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.  
**LIMITS OF STRUCTURAL ENGINEERING DESIGN RESPONSIBILITIES:**  
THE ITEMS SPECIFICALLY DESIGNED BY THE STRUCTURAL ENGINEER ARE LIMITED TO THE FOLLOWING: CONTINUOUS LOAD PATH FOR WIND UPLIFT, WOOD PANEL SHEARWALLS, WALL FRAMING AND REQUIRED SHEATHING AND HEADERS DIRECTLY SUPPORTING ROOF FRAMING. ITEMS NOT DESIGNED PRE-ENGINEERED WOOD FLOOR AND ROOF TRUSSES, FLOOR FRAMING NOT SPECIFICALLY ADDRESSED, TRUSSES-TO-TRUSS CONNECTION, AND ANY ARCHITECTURAL, MECHANICAL OR ELECTRICAL SYSTEM.

## GENERAL NOTES & CONSTRUCTION SPECIFICATIONS

**FLOOR SHEATHING SPECIFICATIONS:**  
23/32" T&G OSB OR PLYWOOD SHEATHING, GLUE AND NAIL WITH 10d COMMON @ 6" O.C. EDGE & FIELD  
**ROOF SHEATHING SPECIFICATIONS:**  
SHINGLE – MIN. 7/8", 24/16, APA RATED OSB OR PLYWOOD SHEATHING, NAILED W/ 0.113x2" RING SHANK NAILS @ 6" O.C. EDGE & 6" O.C. FIELD (AT GABLE ENDS DECREASE EDGE NAIL SPACING TO 4" O.C. WITHIN 4'-0" OF ROOF EDGE).  
TILE – MIN. 15/32" 32/16, APA RATED PLYWOOD SHEATHING, NAILED W/ 0.113x2" RING SHANK @ 6" O.C. EDGE & 6" O.C. FIELD (AT GABLE ENDS DECREASE EDGE NAIL SPACING TO 4" O.C. WITHIN 4'-0" OF ROOF EDGE).  
METAL – MIN. 1/2", 24/16, APA RATED PLYWOOD SHEATHING, NAILED W/ 0.113x2" RING SHANK NAILS @ 6" O.C. EDGE & 6" O.C. FIELD (AT GABLE ENDS DECREASE EDGE NAIL SPACING TO 4" O.C. WITHIN 4'-0" OF ROOF EDGE).  
**WALL SHEATHING SPECIFICATIONS:**  
FLEXIBLE FINISH – MIN. 7/8", 24/16, APA RATED OSB OR PLYWOOD SHEATHING, FASTENED W/ 8d @ 6" O.C. EDGE AND 6" O.C. FIELD. SHEATHING SHALL EXTEND FULL HEIGHT FROM BOTTOM PLATE TO UPPER TOP PLATE. FLEXIBLE FINISH WALLS INCLUDE: WOOD, CEMENT, OR VINYL SIDING, HARDI PANEL & BRICK. ALL OTHER WALL SHALL BE CONSIDERED BRITTLE FINISH.  
STUCCO FINISH – MIN. 7/8", 24/16, APA RATED OSB OR PLYWOOD SHEATHING, FASTENED W/ 8d @ 6" O.C. EDGE AND 6" O.C. FIELD. SHEATHING SHALL ORIENTED WITH THE LONG DIMENSION PERPENDICULAR TO THE STUDS. CONTRACTOR MAY USE 1/2" STRUCTURAL 1 GRADE SHEATHING OR 1/2" OSB SHEATHING AND ORIENT THE PANELS VERTICALLY.

**MASONRY SPECIFICATIONS:**  
MASONRY HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 530-05, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI530.1-05. GROUT SHALL BE IN ACCORDANCE WITH ASTM C476 WITH A MINIMUM OF 28 DAY COMPRESSIVE STRENGTH OF 2000 psi PER ASTM C1019. GROUT SHALL HAVE A MAXIMUM COURSE AGGREGATE SIZE OF 3/8" PLACED AT AN 8" TO 11" SLUMP. MORTAR SHALL CONFORM TO ASTM C270 AND TYPE M OR S. TYPE N MORTAR MAY BE USED IN BRICK VENEER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL FLASHING.

**CONCRETE MASONRY UNITS (CMU):**  
CMU SHALL BE IN ACCORDANCE WITH ASTM C90-75, HOLLOW LOAD-BEARING (CMU), TYPE 1, GRADE N-1, NORMAL WEIGHT, WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 psi (f'm=1500 psi). GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT IN 5'-0" MAXIMUM LIFTS PROVIDE CLEANOUTS PER ACI 530.1-02 IN THE BOTTOM COURSE OF MASONRY WHEN THE WALL HEIGHT EXCEEDS 5'-0".

**MASONRY STENWALLS:** ALL CONCRETE MASONRY UNITS SHALL BE COMPOSED OF ASTM C90E, E GRADE N-1 HOLLOW CONCRETE MASONRY UNITS WITH TYPE "S" MORTAR. WALL COURSING SHALL BE RUNNING BONDS, STACK BOND SHALL NOT BE USED. GROUT ALL CELLS CONTAINING VERTICAL REINFORCEMENT WITH 3000 PSI PEA ROCK CONCRETE GROUT. SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE 48 BAR DIAMETERS. ALL EXTERIOR WALLS SHALL BE REINFORCED FULL HEIGHT WITH #4 @ 4'-0" O.C. MAX. AND AT EACH CORNER, WALL END, AND WALL INTERSECTIONS. PROVIDE CONTINUITY OF REINFORCING AT INTERSECTIONS OF PERPENDICULAR MASONRY ELEMENTS BY INSTALLING CORNER BARS, MINIMUM OF 40 BAR DIAMETERS INTO EACH ELEMENT. AT STEINWALL CONSTRUCTED OF 5 OR MORE COURSES, PROVIDE HORIZONTAL JOINT REINFORCING AT 16" O.C. VERTICALLY. (EVERY OTHER COURSE), AND VERTICAL REINF. SHALL BE INCREASED AS NOTED ON 1/51.0, UNLESS NOTED OTHERWISE. LAP JOINT REINFORCING SHALL BE A MINIMUM OF 6".

**CONCRETE SPECIFICATIONS:**  
ALL CONCRETE HAS BEEN DESIGNED IN ACCORDANCE WITH ACI 318-08, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH ACI 301. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS CONCRETE AT GARAGE AND PORCH SLABS SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI.

**GENERAL NOTES:**  
**FOOTING AND FOUNDATIONS:**  
FOOTINGS AND FOUNDATIONS SHALL BE IN ACCORDANCE WITH LOCAL BUILDING CODES. FOOTING HAVE BEEN DESIGNED WITH A SOIL BEARING (DESIGN MAXIMUM) OF 2000 PSF. A SOILS INVESTIGATION REPORT IS RECOMMENDED TO VERIFY SUITABLE SUBSURFACE CONDITIONS. IF THE FOOTING ELEVATIONS SHOWN OCCUR IN A DISTURBED OR UNSTABLE SOIL, THE ENGINEER SHALL BE NOTIFIED. SOIL SHALL BE FREE OF ORGANIC MATERIAL AND COHESIVE (CLAY) SOILS. SOIL COMPACTION AND FILL SHALL BE COMPACTED TO A MIN. OF 95% MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557.

FOUNDATION PLAN ONLY CONVEYS STRUCTURAL INFORMATION, FOR GENERAL FEATURES, CONDUITS, ELECTRICAL EMBEDS, STEP HEIGHTS, ETC., SEE ARCHITECTURAL PLANS. DO NOT SCALE FOOTING DIMENSIONS AND LOCATION FROM THE FOUNDATION PLAN SHOWN ON S1.0. DO NOT DETERMINE FOOTING LOCATION BASED ON EITHER THE ARCHITECTURAL PLAN OR FRAMING PLAN, BUT BY DIMENSIONS PROVIDED ON FOUNDATION PLAN. IF FOOTING SIZE OR LOCATION IS NOT DETERMINED ON PLAN THEN CONTACT ENGINEER OF RECORD (EOR)

UNLESS OTHERWISE NOTED ON DRAWINGS, MINIMUM CONCRETE COVER FOR REINFORCING SHALL BE 3" IN FOOTINGS AND MESH SHALL BE CENTERED IN SLAB ON GRADE. IN ALL CONTINUOUS FOOTINGS PROVIDE #3 @ 48" O.C. OR ROD CHAIRS. PROVIDE CONTINUITY OF REINFORCING AT INTERSECTIONS OF PERPENDICULAR CONCRETE ELEMENTS BY INSTALLING CORNER BARS, MINIMUM OF 40 BAR DIAMETERS INTO EACH ELEMENT. SPLICES IN REINFORCING, WHERE PERMITTED, SHALL BE 48 BAR DIAMETERS

**CONCRETE SLABS ON GRADE:**  
SHALL BE INSTALLED OVER MINIMUM 6 MIL POLYETHYLENE VAPOR RETARDER WITH JOINTS LAPPED & SEALED OVER CLEAN, COMPACTED EARTH OR FILL WITH APPROVED CHEMICAL TREATMENT FOR PREVENTION OF SUBTERRANEAN TERMITES. SAWCUTS: FOR CONTROLLED CRACKING CUT A 1" SAWCUT INTO SLAB IN A 12'x12' GRID WITHIN 12 HOURS OF CONCRETE PLACEMENT, PROVIDE SAWCUTS THROUGH OUT SLAB CALL EOR FOR ALTERNATIVE METHODS.

**WOOD FRAMING SPECIFICATIONS:**  
ALL WOOD FRAMING HAS BEEN DESIGNED IN ACCORDANCE WITH NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION, LATEST EDITION. ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY, CONCRETE OR SOIL SHALL BE PRESURE-TREATED, IF ACC OR NON-DOT BORATE PRESERVATIVE TREATMENT IS USED, ALL ATTACHED FASTENERS SHALL BE HOT DIPPED GALVANIZED. IF AZZA PRESERVATIVE IS USED, ALL ATTACHED FASTENERS SHALL BE STAINLESS STEEL.

**PRE-ENGINEERED WOOD TRUSSES:**  
SHALL BEAR THE SEAL OF AN ENGINEER IN THE STATE WHERE PROJECT IS BEING BUILT AND SHALL COMPLY WITH NFPA, TPI, AND AITC 100. CONTRACTOR SHALL VERIFY THAT ADEQUATE TRUSS BRACING IS INSTALLED AT ALL TRUSSES AS INDICATED IN THE TRUSS SHOP DRAWINGS. ALL TRUSS-TO-TRUSS CONNECTIONS AND TRUSS PROFILES ARE THE RESPONSIBILITY OF THE DELEGATED TRUSS ENGINEER. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER COMMENTARY AND RECOMMENDATION FOR HANDLING, INSTALLING & BRACING METAL PLATE CONNECTED WOOD TRUSSES, HB-91." AT MULTIPLE STRAP CONNECTIONS, SPREAD STRAPS TO AVOID NAILING CONFLICTS THROUGH TRUSSES. WHEN USING (2) STRAPS ON SINGLE PLY TRUSSES, PLACE STRAPS DIAGONALLY ACROSS DBL. TOP PLATE FROM EA. OTHER.

**ROOF COVERING SPECIFICATIONS:**  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE ROOF COVERING SYSTEM. ASPHALT SHINGS SHALL COMPLY WITH ASTM D3161 AND BE INSTALLED ACCORDING TO THE MANUFACTURER'S REQUIREMENTS. CLAY AND TILE ROOFS SHALL BE INSTALLED PER THE "CONCRETE AND CLAY ROOF TILE INSTALLATION MANUAL," AND THE MANUFACTURER'S REQUIREMENTS. STANDING SEAM METAL ROOFS SHALL COMPLY WITH ASTM E1514 AND BE INSTALLED ACCORDING TO THE MANUFACTURER'S REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL METAL FLASHING AND VALLEY MATERIALS.

**WATERPROOFING:**  
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN/INSTALLATION OF ALL WATER PROOFING.

## WOOD FASTENING SCHEDULE

MEMBERS	CONNECTION TYPE	FASTENER
TOP PLATE TO TOP PLATE	FACE NAIL	2-GUN NAILS @ 12" STAG.
TOP PLATE, LAPS/INTERSECTION	FACE NAIL	(2-16d) 3-GUN NAILS
DBL. TOP PLATE TO STUD	FACE NAIL	(2-16d) 3-GUN NAILS
RIM JOIST TO TOP PLATE	TOE NAIL	(8d @ 6") GUN NAIL @ 6"
CEILING JOIST TO TOP PLATE	TOE NAIL	(3-8d) 5-GUN NAILS
CEILING JOIST, OVER PARTITIONS	FACE NAIL	(3-16d) 4-GUN NAILS
CEILING JOIST TO ROOF RAFTER	FACE NAIL	(6-16d) 8-GUN NAILS
JOIST/TRUSS TO PLATE	TOE NAIL	(2-16d) 3-GUN NAILS
RAFTER TO PLATE	TOE NAIL	(3-8d) 3-GUN NAILS
JACK RAFTER TO HIP	TOE NAIL	(3-10d) 4-GUN NAILS
ROOF RAFTER TO 2x... RIDGE BM.	TOE NAIL	(2-16d) 3-GUN NAILS
CONT. HEADER, TWO PIECES	FACE NAIL	16d @ 16" O.C. @ EDGE
CONT. HEADER TO STUD	TOE NAIL	(3-16d) 4-GUN NAILS
STUD TO SOLE PLATE	TOE NAIL	(3-16d) 4-GUN NAILS
SOLE PLATE TO JOIST/BLOCKING	FACE NAIL	(16d @ 16") GUN NAIL @ 8"

**NAIL SPECIFICATIONS**  
3"x0.131" = GUN NAILS  
2"x0.113" = RINK SHANK  
2"x0.113" = 8d  
3"x0.148" = 10d  
1 1/2"x0.148" = 10d x 1 1/2"  
2"x0.113" = 8d  
3/16"x0.162" = 16d  
1 1/2"x0.131" = 8d x 1 1/2"

## BRICK NOTES / LINTEL SCHD

LINTEL DIMENSION	MIN. BRG.	MAX. SPAN
13 1/2"x3 1/2"x 1/4"	4"	6'-0"
14x3 1/2"x 1/4"	6"	8'-0"
15x3 1/2"x 1/4"	6"	10'-0"
16x3 1/2"x 1/4"	6"	12'-0"
17x3 1/2"x 1/4"	6"	16'-0"

1. STEEL LINTELS TO BE MINIMAL 36" LINTEL MUST HAVE CORROSION RESISTANT COATING OF EPOXY BASED PAINT.

2. LINTEL MORE THAN 8'-0". SHOULD BE LATERALLY SUPPORTED NOT TO EXCEED 6 FT. O.C. W/ 2-1/2"x3" WD. SCREWS INTO RAFTER PROVIDE A 1/2" VERTICAL SLOTTED HOLE FOR SCREW.

3. BRICK VENEER ATTACHMENT: HORIZONTAL TIES @ 24" O.C., VERT. TIES @ 12" O.C. (FOR 110mph WIND-ZONE VERT. TIES @ 16" O.C.). AT ALL OPENINGS SPACE TIES WITHIN 12" OF OPENINGS. PROVIDE 3/8" WEEP HOLES @ 33" O.C. IMMEDIATELY ABOVE FLASHING.

## PLAN LEGEND AND ABBREVIATIONS

INTERIOR LOAD BEARING WALL	BUILT-UP POST IN THE WALL
GABLE X-BRACE, SEE DETAIL 10/SO.1	HEADER SIZE, JACK AND KING STUD QUANTITY.
DESIGNATES SHEARWALL. THE HIDDEN LINE DESIGNATES SIDE OF WALL. THE SHEARWALL SHEATHING TO BE APPLIED 8d @ 3/4"	DESIGNATES 8d COMMONS @ 3" O.C. EDGE & 6" O.C. IN THE FIELD.
SW 3/4"	
ADJ. = ADJACENT	LC = LONG
BM = BEAM	MANUF. = Manufacture
BOT = BOTTOM	MONO = Monolithic
BRG = BEARING	OC = On Center
CMU = CONCRETE MASONRY UNIT	OSB = Oriented Strand Board
DBL = DOUBLE	PERP = Perpendicular
DIA = DIAMETER	PKE ENG = Pre Engineered
E = EACH	PSF = Pounds per Square Foot
EA = EACH END	PSI = Pounds per Square Inch
ENG = ENGINEER OF RECORD	PT = PRESSURE TREATED
EQ = EQUAL	QT = Quick Tie
EXT = EXTERIOR	REINF = Reinforce
FBC = FLORIDA BUILDING CODE	SF = Square Foot
FOU = FOUNDATION	SFP = Spruce Pine Fir
FT = FOOT	SYP = Southern Yellow Pine
FT = FOOT	THRU = Through
FT = FOOT	TYP = Typical
HORIZ = HORIZONTAL	UN = Unless Otherwise Noted
LSB = POUNDS	VERT = Vertical
	WFT = Welded Wire Fabric

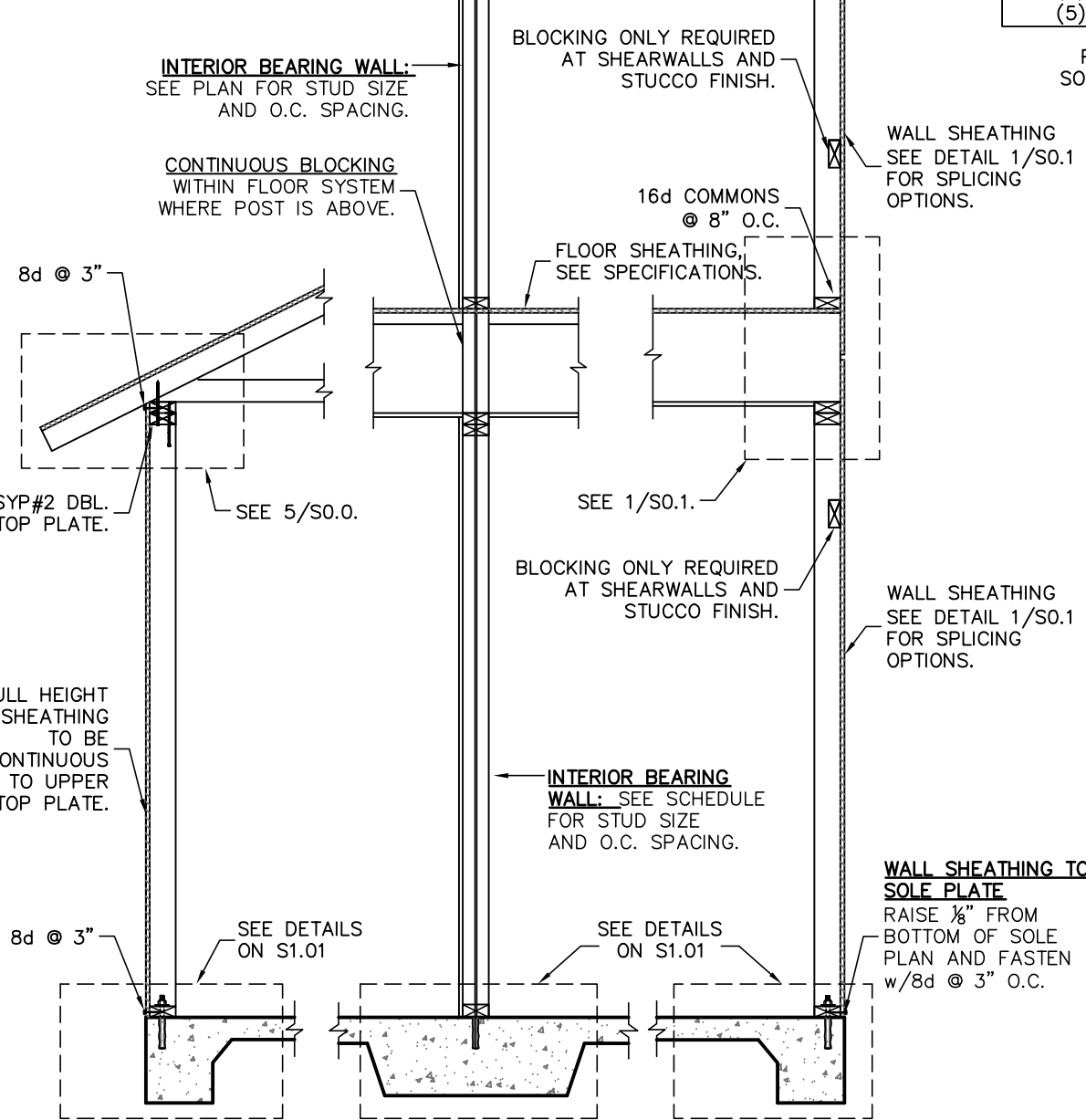
## USP CONNECTORS

CONNECTOR	UPLIFT SYP	SPF	FASTENERS	FL# CODE
USP A35	450	450	(9)10d1 1/2"	
USP R77	585	495	(5)8d EA. END	
USP RT8A	775	650	(5)10d1 1/2" EA. END	
USP MTW12	1195	860	(7)10d1 1/2" EA. END	
USP HTW20	1450	1245	(12)10d1 1/2" EA. END	
USP MSTA24	1640	1455	(9)10d EA. END	
USP MSTA36	2065	2065	(13)10d EA. END	
USP LST20B	1105	1105	1/2" ROD TO FTG.	
USP JUS28	1305	1305	(6)10d TO HEADER	
USP HTT16	4290	4290	3/4" ROD TO FTG.	
USP HTT22	5370	5370	3/4" ROD TO FTG.	
USP PAU44	2535		3/4" ROD W/ (12)16d	
USP PAU66	2535		3/4" ROD W/ (12)16d	
USP MSTM24	1545	1455	(5)1/4"x2-1/4" TAPCONS	

## SIMPSON CONNECTORS

CONNECTOR	UPLIFT SYP	SPF	FASTENERS	FL# CODE
A35	450	450	12-8d1 1/2"	10446.4
H25T	600	520	5-8d EA. END	11478.3
HTS16	1150	1085	16-10d EA. END	10456.6
MTS12	1000	860	7-10d1 1/2" EA. END	10456.3
HTS20	1450	1245	24-10d1 1/2" EA. END	13872.3
MSTA24	1765	1270	9-10d EA. END	13872.4
MSTA36	2050	1870	13-10d EA. END	13872.8
HTT4	3480	3080	18-16d TO TRUSS/BEAM 1-3/4" ROD TO FTG.	11496.2
HTT5	5250	4670	32-16d TO TRUSS/BEAM 1-3/4" ROD TO FTG.	11496.2
LUS28	930	780	6-10d TO HEADER 4-10d TO JOIST	10655.113
HU410	905	785	14-16d TO HEADER 6-16d TO JOIST	10531.36
ABU44	2200		3/4" ROD EPOKID 6" MIN	10849.6
ABU66	2300		3/4" ROD EPOKID 6" MIN	10849.6
SET	N/A	N/A	SIMPSON EPOXY-TIE	11506.4
LT720B	1675	1675	10-16d TO STUD/BEAM/POST	11496.3
LSTA12	805	695	10-10d	13872.5
CS16	1705	1705	13-8d	10852.1

TYPICAL WALL FRAMING NOTES:  
1. USE SYP#2 OR BETTER FOR ALL WALL STUDS..  
2. USE SYP#2 FOR ALL TOP PLATES AND SOLE PLATES.  
3. USE SYP#2 FOR ALL HEADERS  
4. ALL WALLS SHALL BE BALLOON FRAMED FULL HEIGHT TO ROOF OR FLOOR BEARING ELEVATION, U.O.N. ON PLAN.  
5. FASTEN BOTTOM PLATE OF INTERIOR LOAD BEARING WALLS TO CONCRETE SLAB TYPICALLY 3/4" FULL HEIGHT THREADED RODS @ 6'-0" O.C.  
6. O.C. MINIMUM. SEE FOUNDATION PLAN ADDITIONAL ANCHORS AT SHEARWALLS

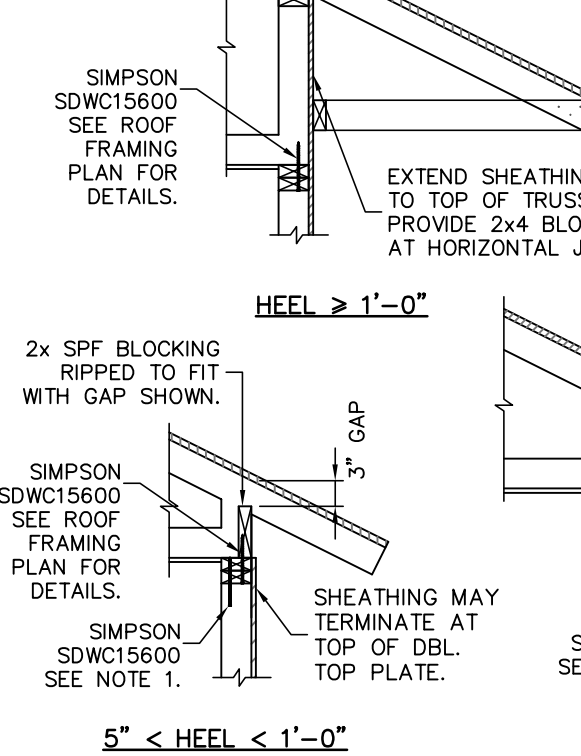


## SINGLE STORY

## MULTY STORY

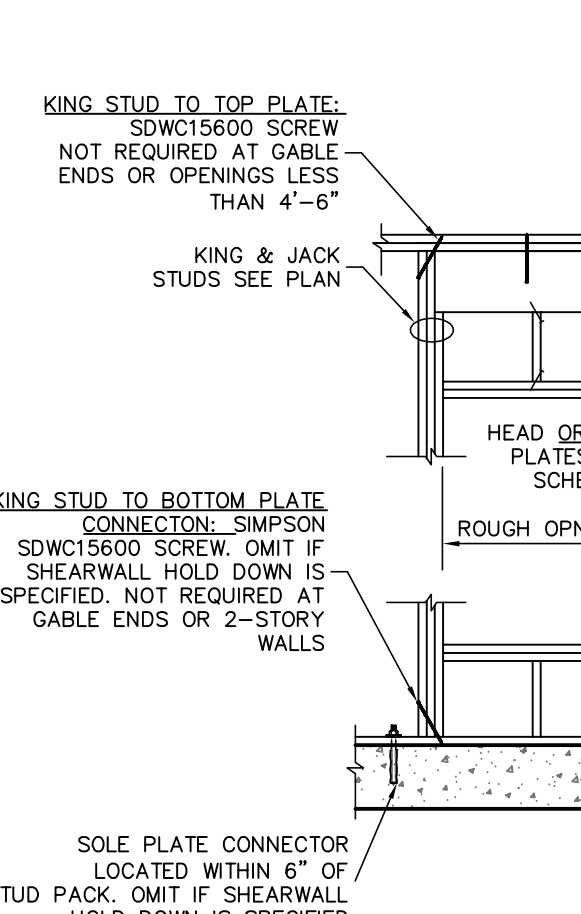
## 1 TYP. WALL SECTIONS

## 2 TYP. WALL SECTIONS



## 3 TYP. WALL SECTIONS

## 4 TYP. WALL SECTIONS



## 5 TYP. WALL SECTIONS

## 6 TYP. WALL SECTIONS

## TYPICAL STUD NAILING

0.131x3" END NAILS:  
(2) @ 24",  
(3) @ 24",  
(4) @ 28".

0.131x3" TOE NAILS:  
2x6, 2x8 = (5) NAILS  
2x10, 2x12 = (7) NAILS  
9" LVL, 11" LVL = (7) NAILS  
14" LVL, 16" LVL = (9) NAILS

TYPICAL TOP PLATE NAILING:  
FASTEN ALL TOP PLATES TOGETHER W/ (3) ROWS OF .131x3 @ 12" O.C. STAGGERED

TYPICAL DOUBLE TOP PLATE NAILING:  
4'-0" MIN. SPLICE LENGTH W/ (16) 0.131x3" NAILS EVENLY SPACED

TYPICAL SOLE PLATE NAILING:  
0.131x3" TOE NAILS:  
(3) @ 24",  
(4) @ 24",  
(5) @ 28".

PT. SYP#2 SOLE PLATE.

WALL FRAMING AT PLATE CHANGE CONDITION

WALL FRAMING AT RAISED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

WALL FRAMING AT DROPPED HEADER CONDITION

## TYPICAL STUD NAILING

0.131x3" END NAILS:  
(2) @ 24",  
(3) @ 24",  
(4) @ 28".

0.131x3" TOE NAILS:  
2x6, 2x8 = (5) NAILS  
2x10, 2x12 = (7) NAILS  
9" LVL, 11" LVL = (7) NAILS  
14" LVL, 16" LVL = (9) NAILS

TYPICAL TOP PLATE NAILING:  
FASTEN ALL TOP PLATES TOGETHER W/ (3) ROWS OF .131x3 @ 12" O.C. STAGGERED

TYPICAL DOUBLE TOP PLATE NAILING:  
4'-0" MIN. SPLICE LENGTH W/ (16) 0.131x3" NAILS EVENLY SPACED

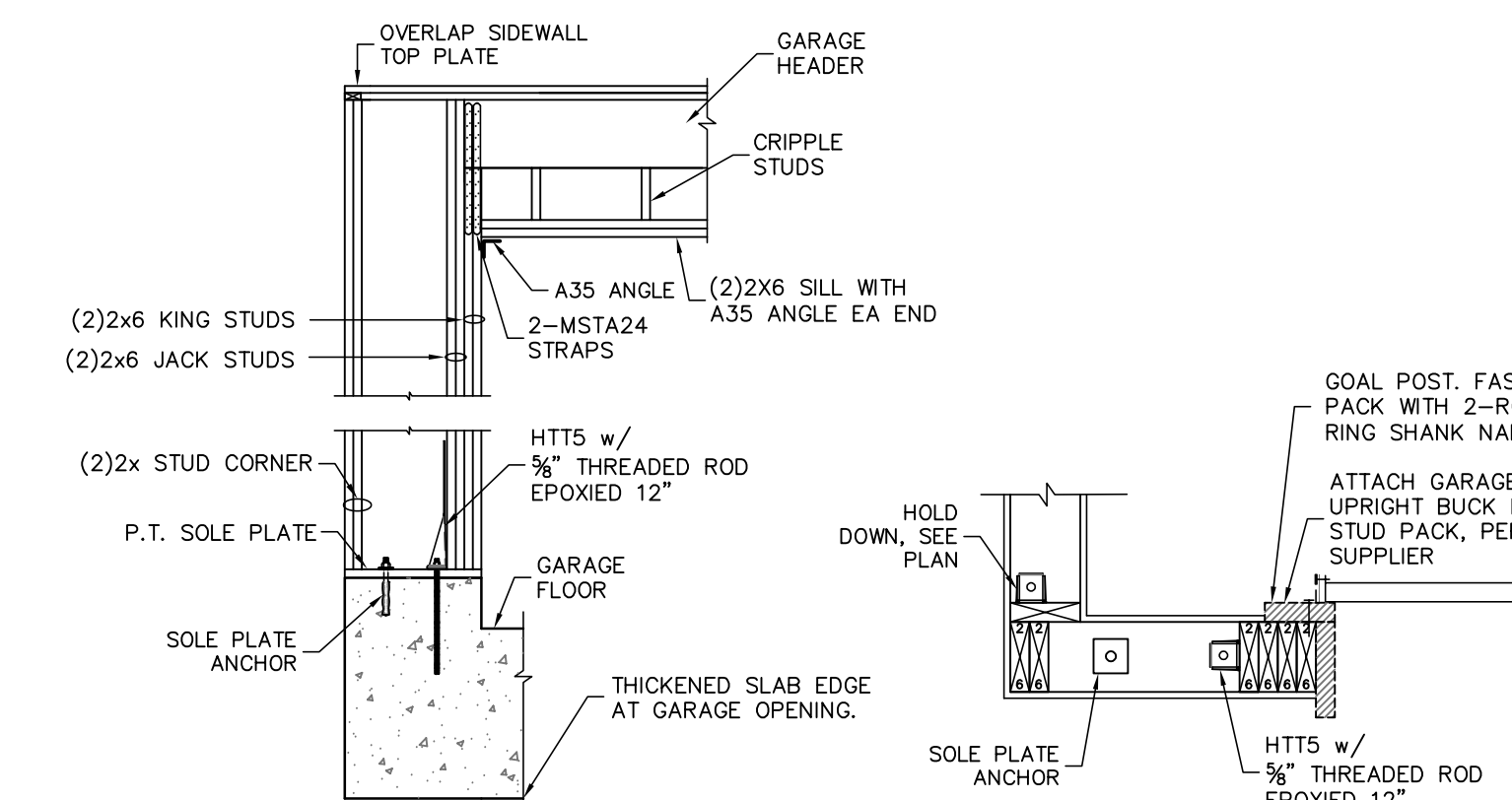
TYPICAL SOLE PLATE NAILING:  
0.131x3" TOE NAILS:  
(3) @ 24",  
(4) @ 24",  
(5) @ 28".

PT. SYP#2 SOLE PLATE.

WALL FRAMING AT PLATE CHANGE CONDITION

WALL FRAMING AT RAISED HEADER CONDITION

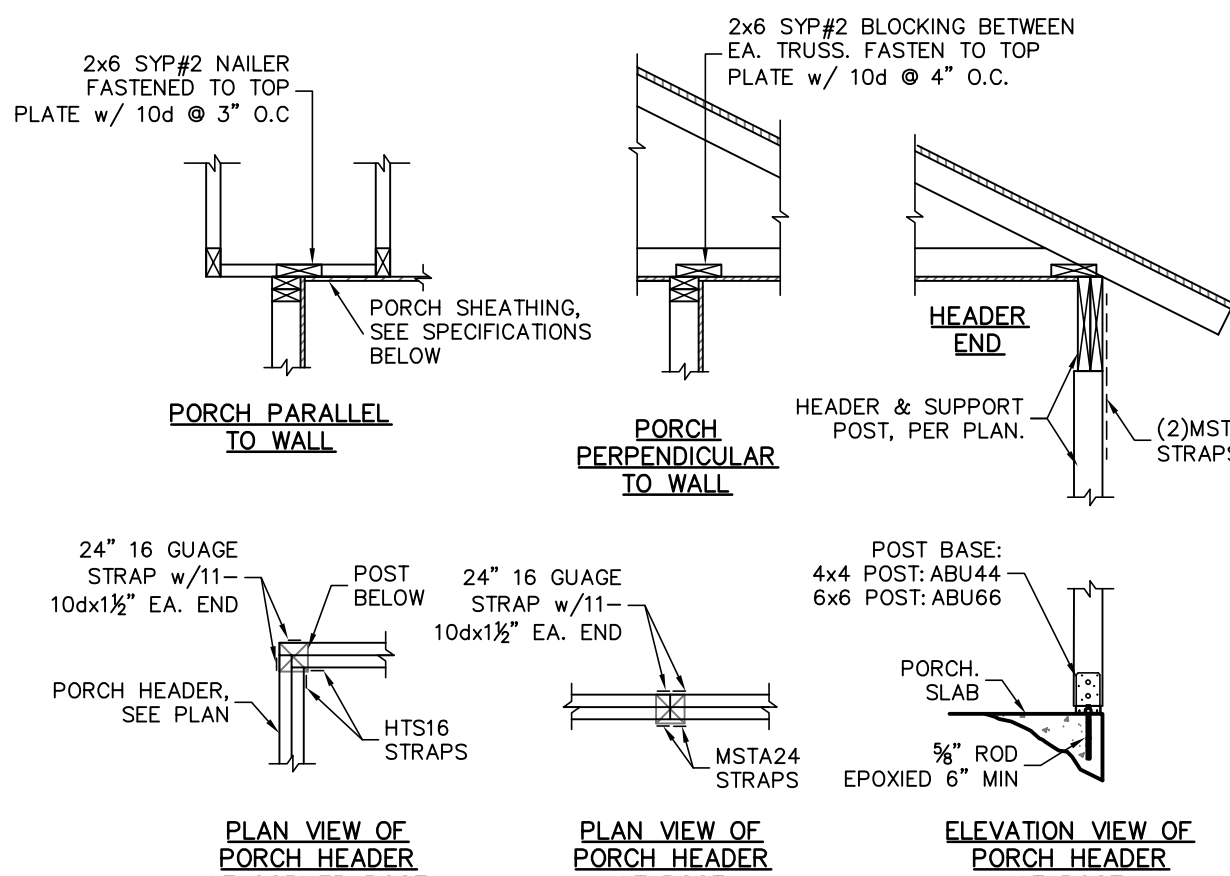
WALL FRAMING AT DROPPED HEADER CONDITION



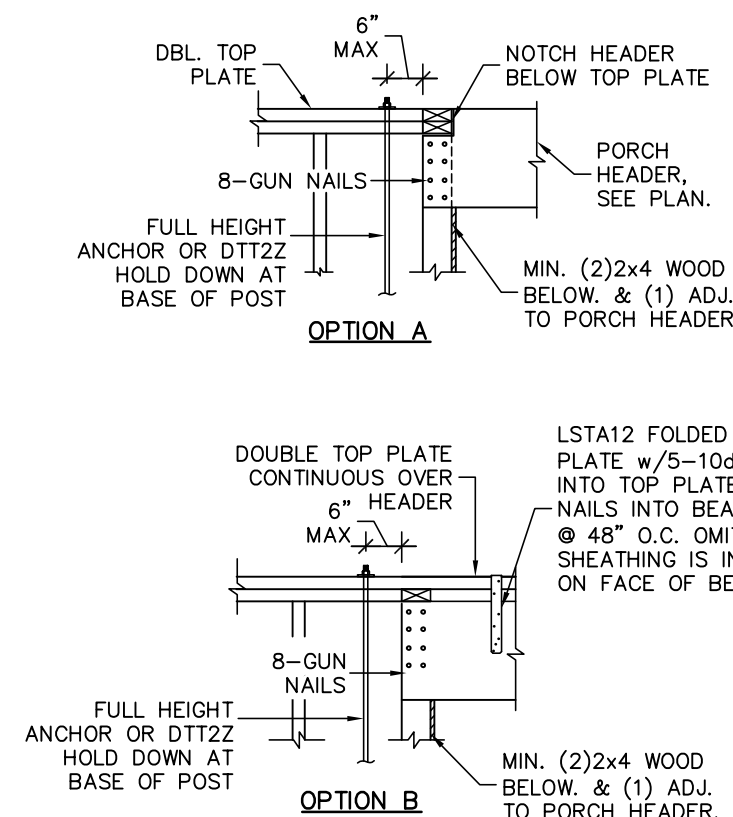
GARAGE WING WALL ELEVATION

GARAGE WING WALL SECTION

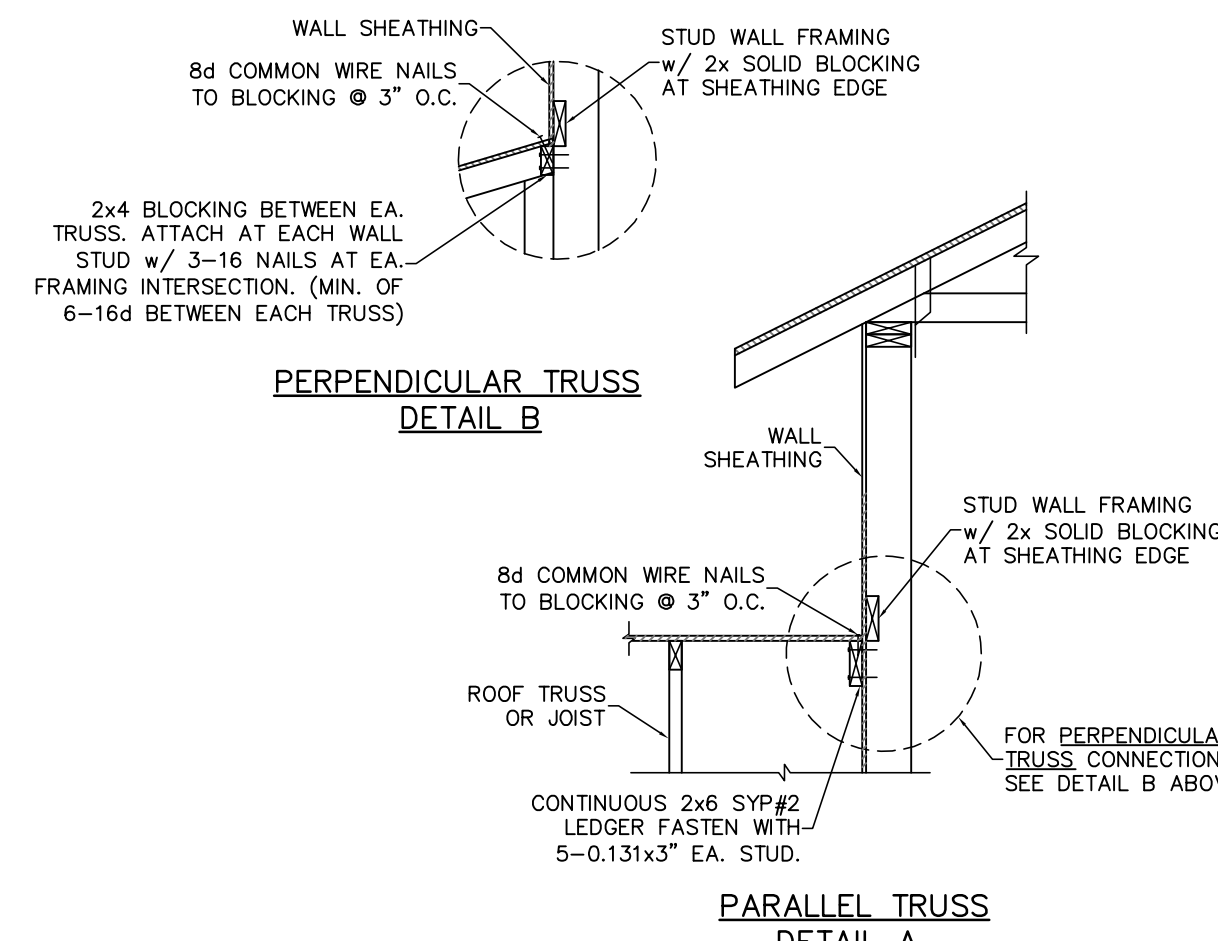
1  
S0.1  
GARAGE HEADER FRAMING  
SCALE: N.T.S.



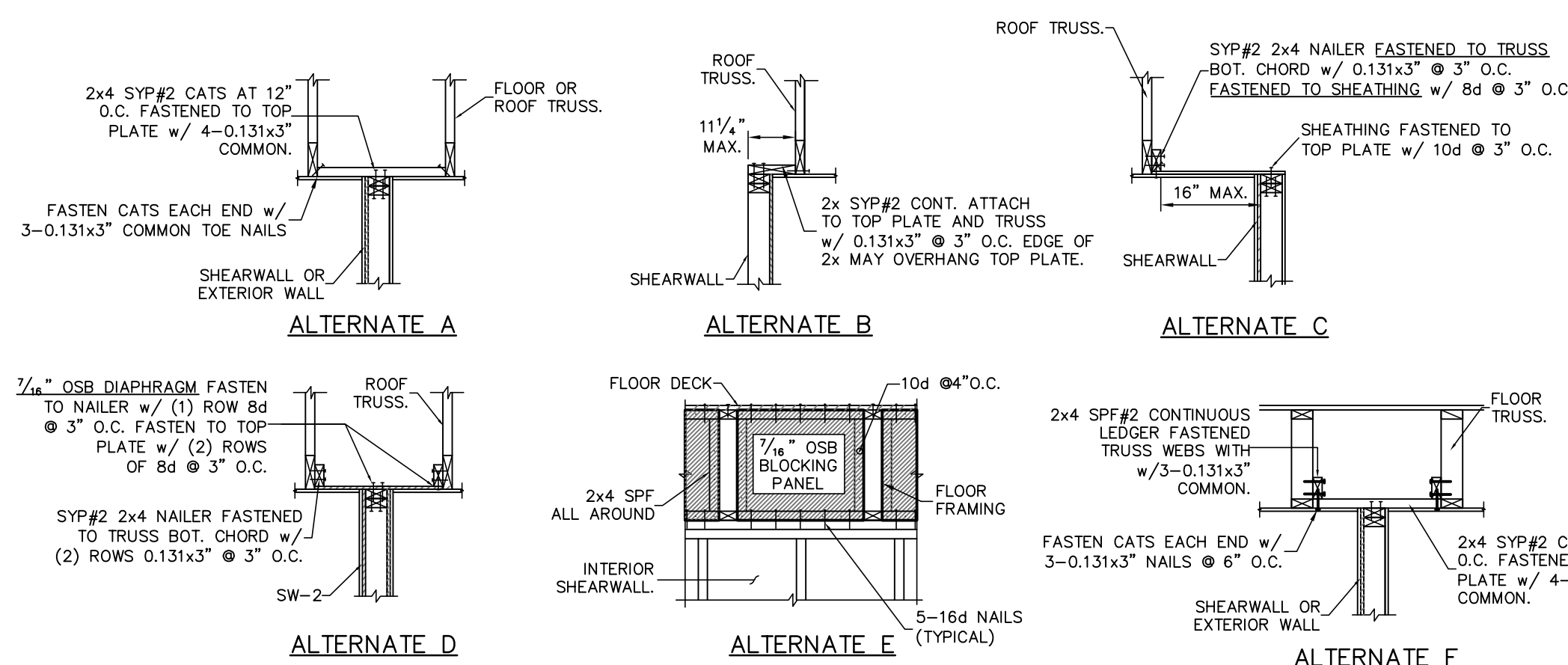
2  
S0.1  
TYPICAL PORCH FRAMING DETAILS  
SCALE: N.T.S.



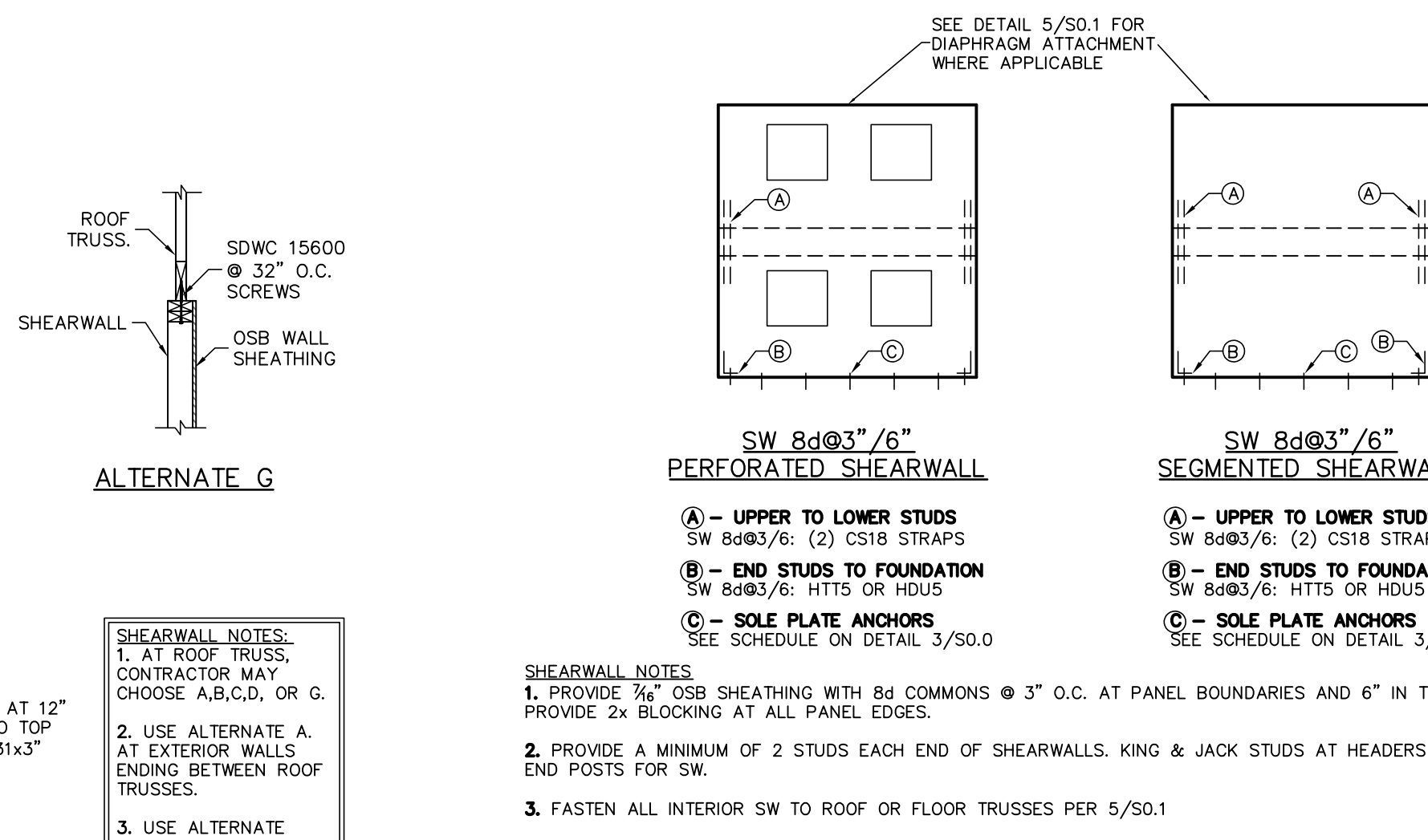
3  
S0.1  
TYPICAL PORCH BEAM CONNECTION  
SCALE: N.T.S.



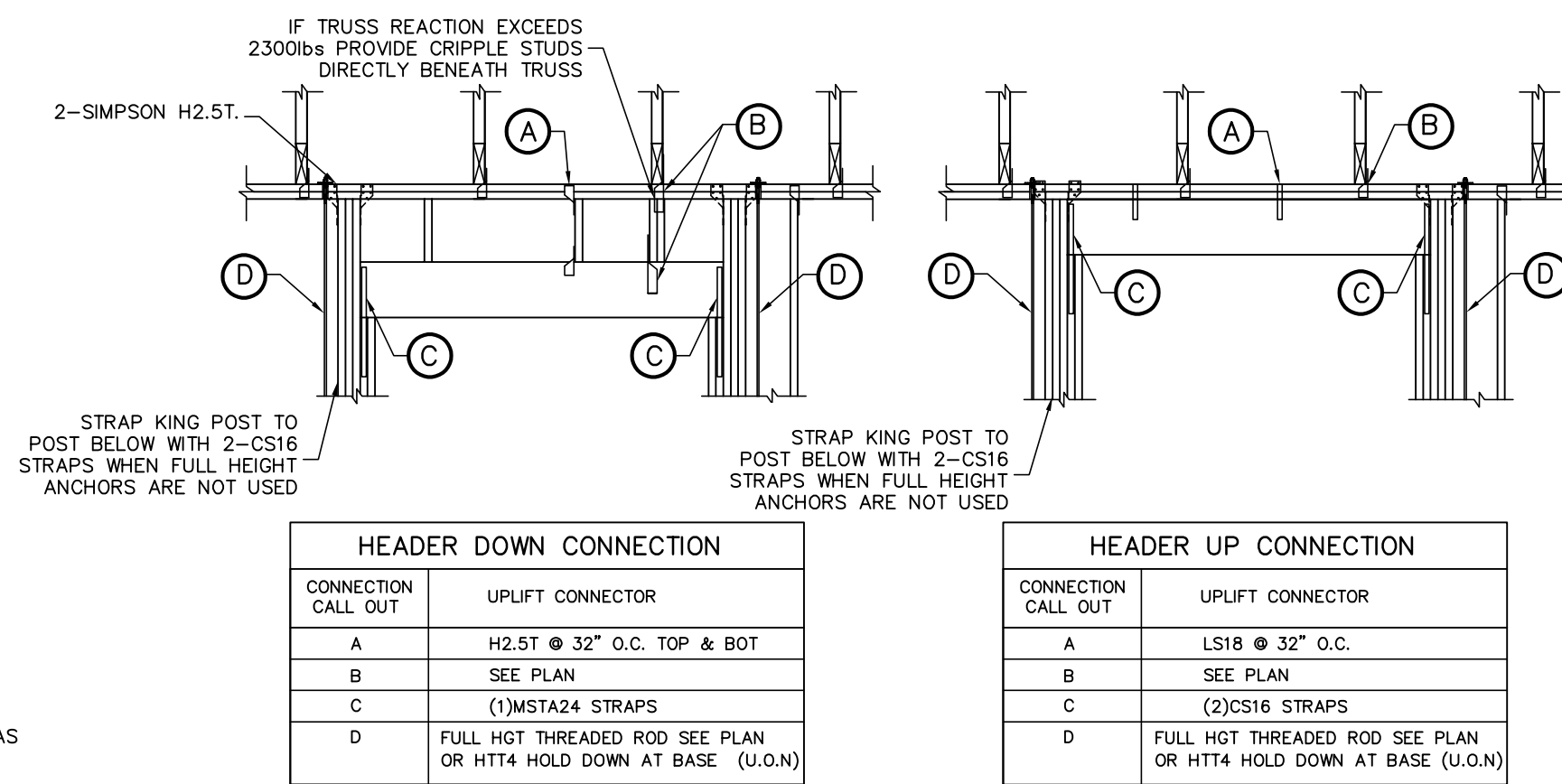
4  
S0.1  
WALL ADJ. TO ROOF CONNECTION  
SCALE: N.T.S.



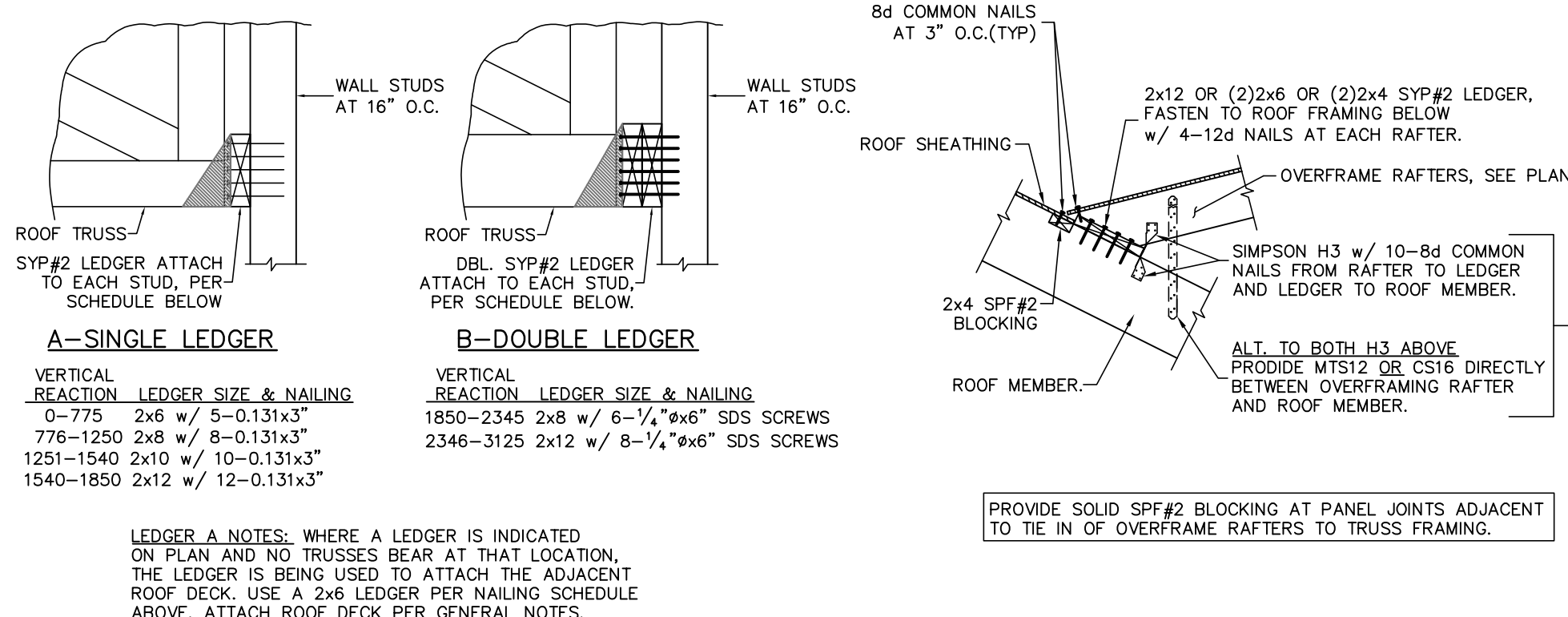
5  
S0.1  
SHEARWALL ATTACHMENT AT ROOF & FLOOR  
SCALE: N.T.S.



6  
S0.1  
TYPICAL SHEARWALL ELEVATION  
SCALE: N.T.S.

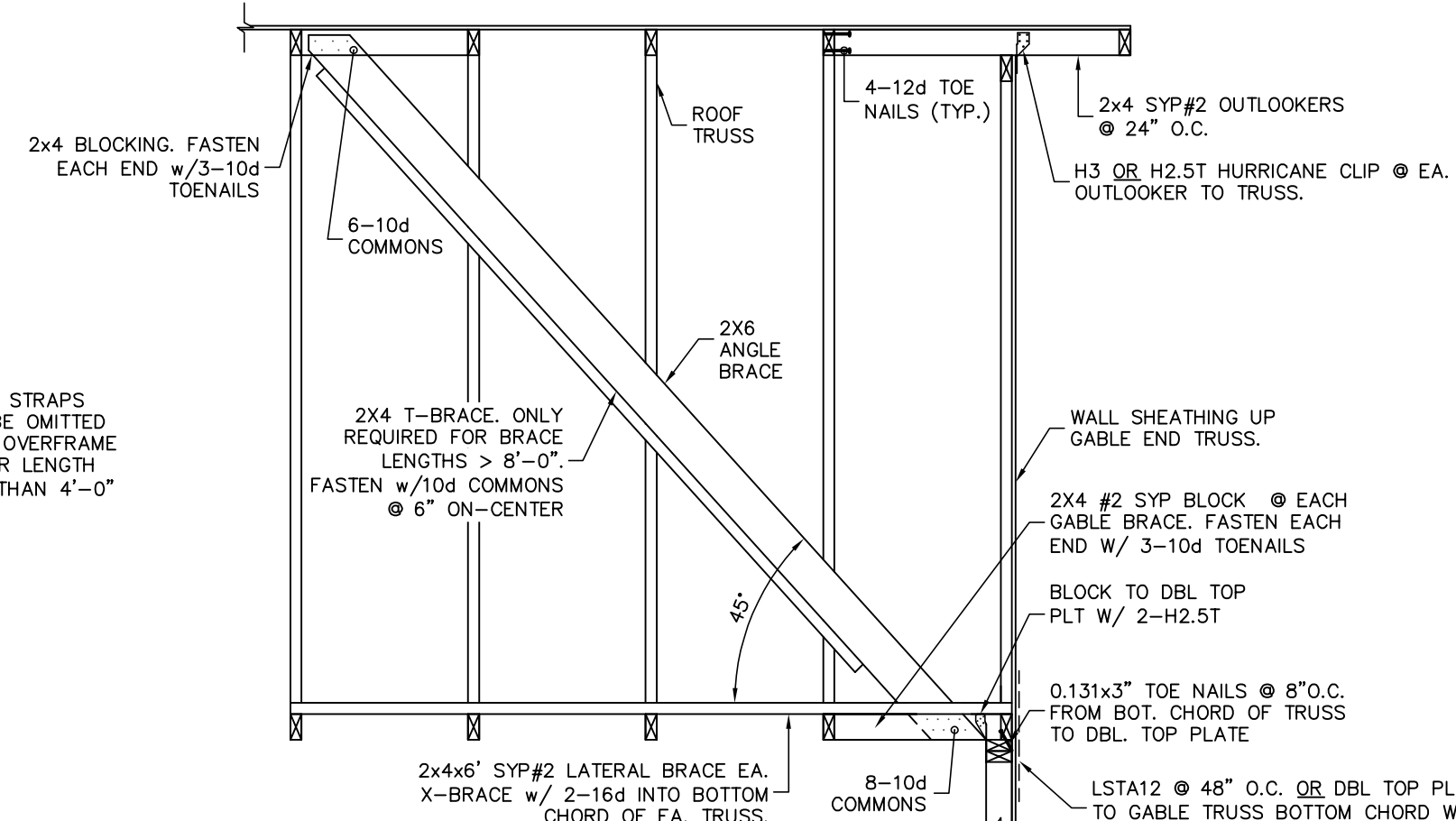


7  
S0.1  
HEADER TIE DOWN  
SCALE: N.T.S.

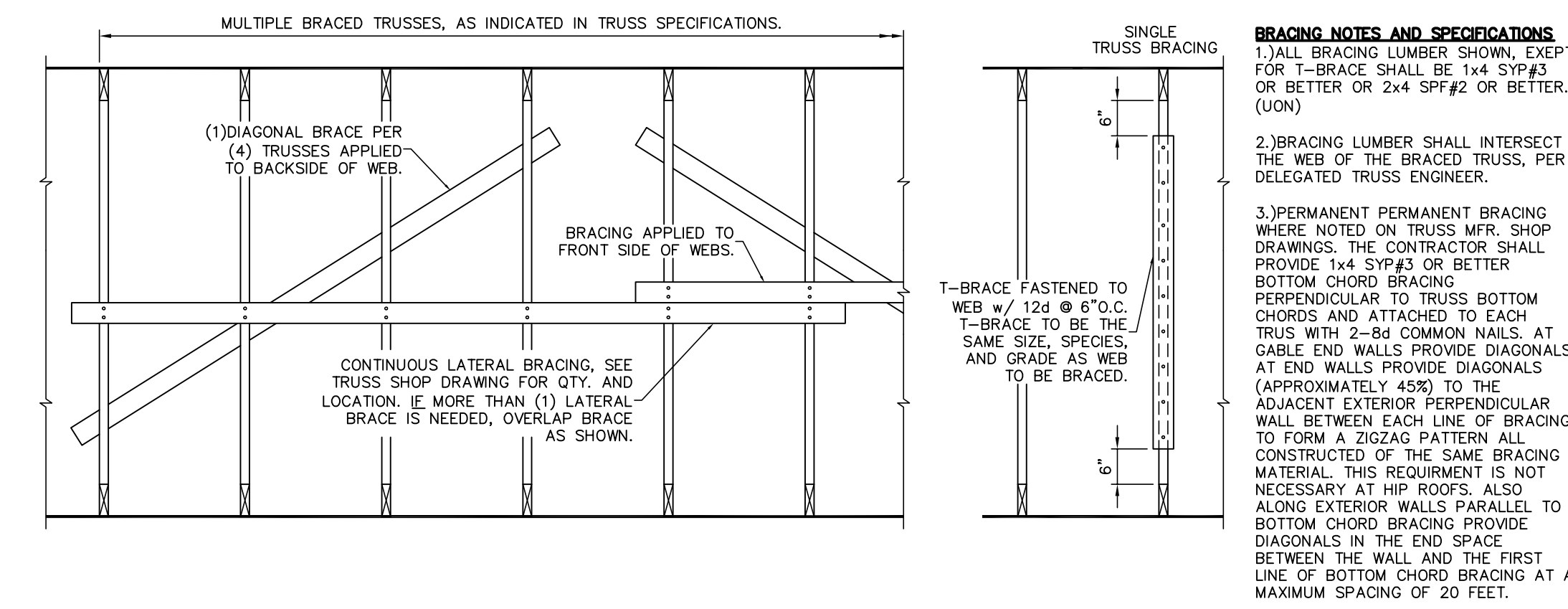


8  
S0.1  
LEDGER CONNECTION  
SCALE: N.T.S.

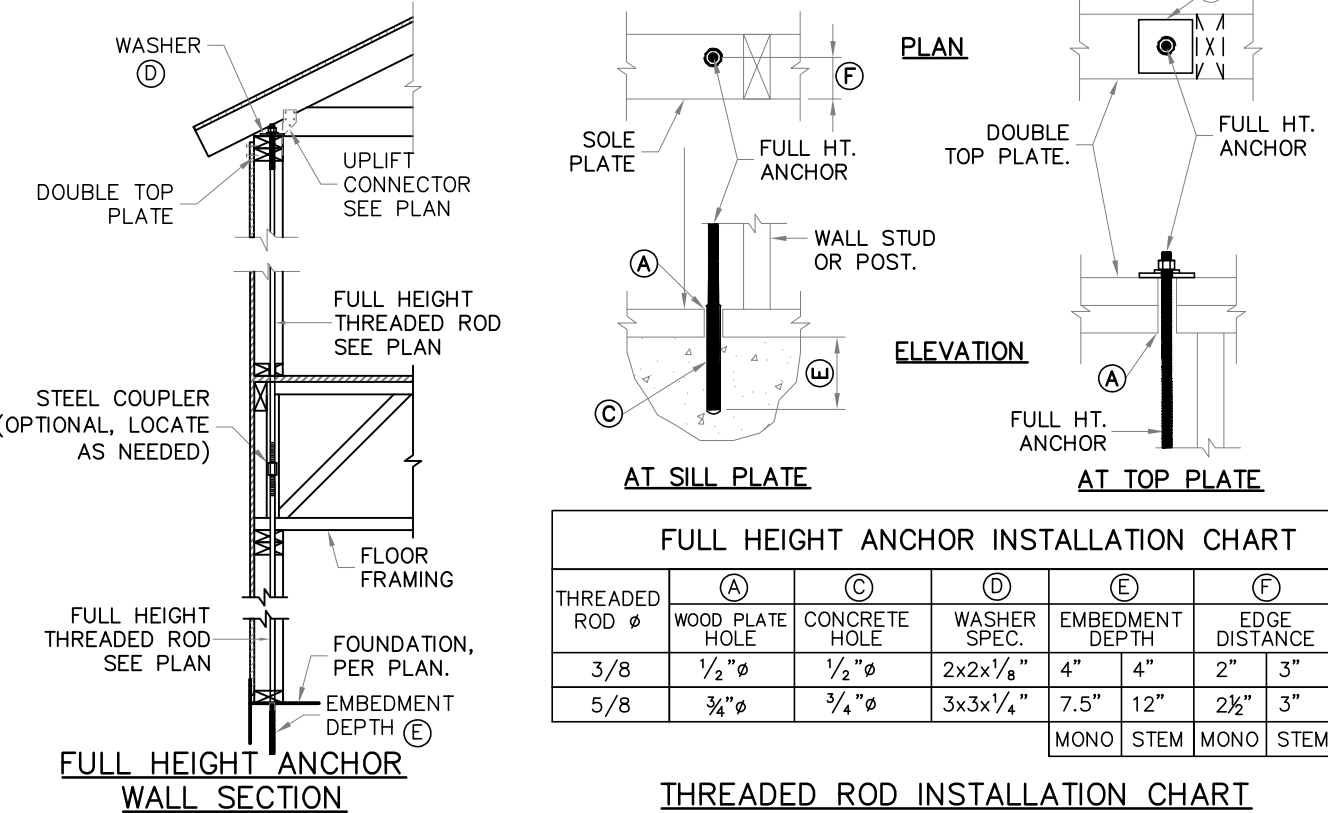
9  
S0.1  
DECK LEDGER AT OVERFRAME RAFTERS  
SCALE: N.T.S.



10  
S0.1  
GABLE END BRACING  
SCALE: N.T.S.



11  
S0.1  
PERMANENT TRUSS BRACING  
SCALE: 3/4" = 1'-0"



12  
S0.1  
FULL HEIGHT WOOD FRAME WALL ANCHORING SYSTEM  
SCALE: N.T.S.

FULL HEIGHT ANCHORING SPECIFICATIONS

ANCHORING SYSTEM: THE THREADED ROD ANCHORING SYSTEM SHALL CONSIST OF 3/8" A307 THREADED RODS, ORIENTED VERTICALLY AND ATTACHED TO THE FOUNDATION AND TO THE UPPERMOST PLATE AT THE LOCATIONS INDICATED IN THESE DOCUMENTS. ABOVE TOP PLATE, PROVIDE A 2"x 2"x 1/8" STEEL WASHER, FASTEN WITH A NUT AND ALLOW AT LEAST 3" THREADS TO EXTEND ABOVE TIGHTENED NUT. (TYP.)

ROD INSTALLATION: AT ALL PLATE PENETRATIONS, PROVIDE A HOLE IN THE PLATE 1/4" LARGER THAN THE DIAMETER OF THE THREADED ROD USED. WHILE SINGLE CONTINUOUS RODS ARE PREFERRED, COUPLERS (SIMPSON CNU OR EQUAL) MAY BE USED IN CASES WHERE ONE CONTINUOUS ROD IS UNDESIRABLE. THE ROD SHALL BE INSTALLED APPROXIMATELY CENTERED IN HOLE. RODS MAY BE SLOANED FROM TRUE VERTICAL BY A MAXIMUM OF 2 INCHES IN 10 FEET TO AVOID CONFLICTS WITH FLOOR AND WALL FRAMING.

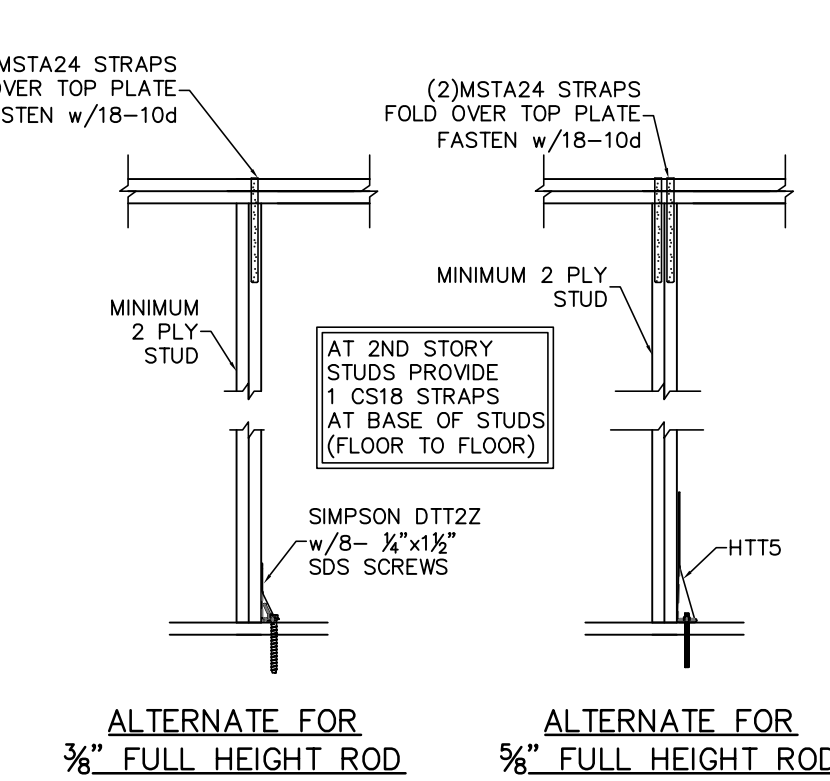
THE NUT ABOVE THE UPPERMOST PLATE SHALL BE SECURED OVER THE WASHER TO A SNUG-TIGHT CONDITION PLUS ONE-HALF TURN OF A STANDARD WRENCH (APPROXIMATELY 30 FT.-LBS. OF TORQUE). DUE TO SHRINKAGE AND COMPRESSION OF BUILDING MATERIALS, CONTRACTORS SHALL RE-TIGHTEN NUT TO 30 FT.-LBS. OF TORQUE AFTER ALL TRADES ARE COMPLETE AND PRIOR TO INSULATION.

EPOXY ANCHORING: ALL THREADED RODS SHALL BE DRILLED & EPOXY ANCHORED. SEE INSTALLATION CHART FOR EMBEDMENT AND EDGE DISTANCE REQUIREMENTS.

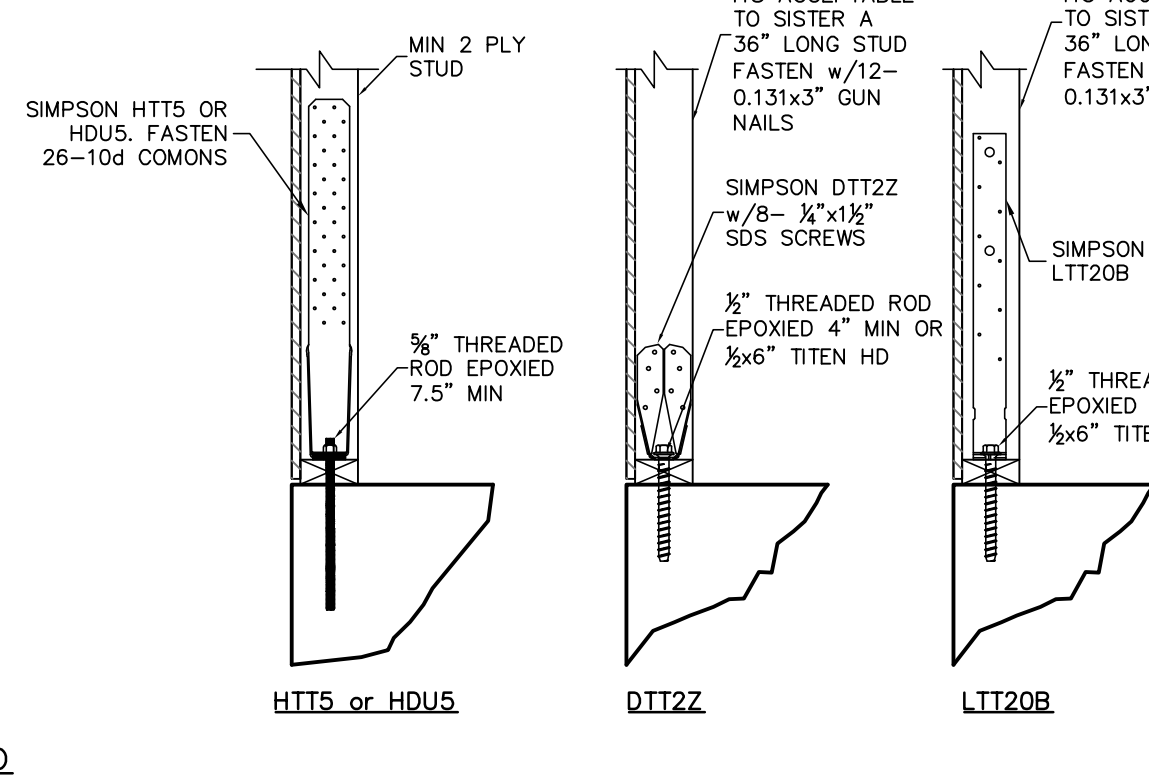
THREADED ROD #	(A) WOOD PLATE HOLE	(C) CONCRETE HOLE	(D) WASHER SPEC.	(E) EMBEDMENT DEPTH	(F) EDGE DISTANCE
3/8	7/8"	1 1/2"	2x2x7/8"	4"	2"
5/8	3/4"	1 3/4"	3x3x7/8"	7.5"	2 1/2"

MONO STEM MONO STEM

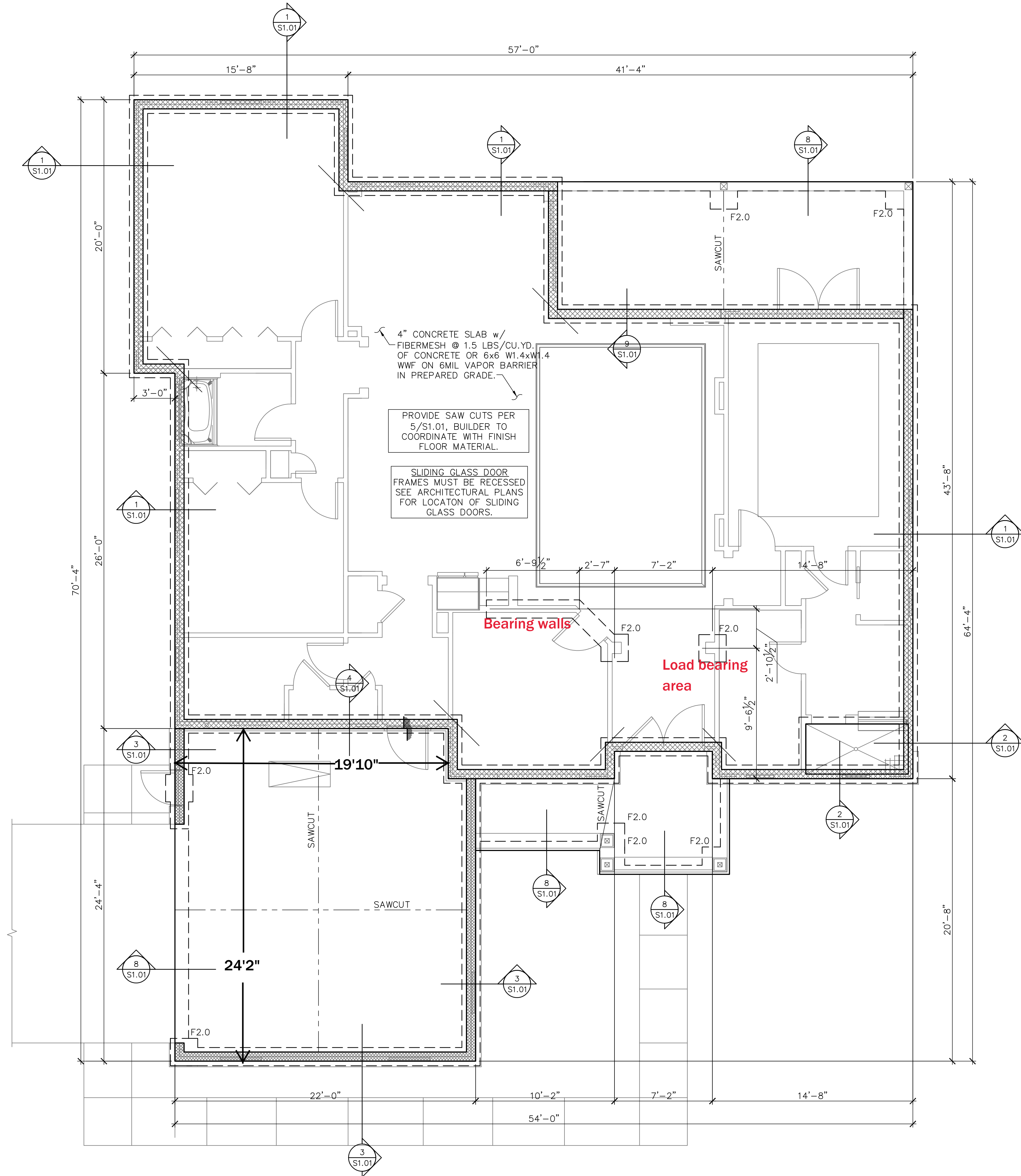
13  
S0.1  
3/8" FULL HEIGHT ROD ALTERNATE ATTACHMENT  
SCALE: N.T.S.



14  
S0.1  
FULL HEIGHT THREADED ROD ALTERNATE  
SCALE: N.T.S.



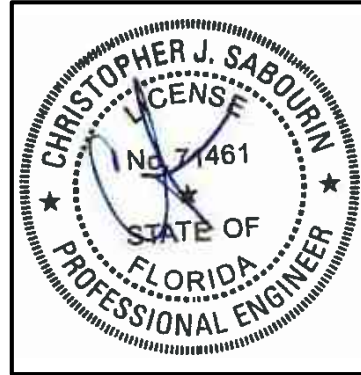
15  
S0.1  
HOLD DOWN ATTACHMENT DETAIL  
SCALE: N.T.S.



FOUNDATION PLAN

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

SYMBOLS LEGEND	
	DESIGNATES FOOTING LINE
	DESIGNATES SAWCUT LINE
	INTERIOR LOAD BEARING WALL
	DESIGNATES SLAB RECESS



12.22.20  
Christopher J Sabourin  
FL PE#71461

SABO  
STRUCTURAL  
ENGINEERING  
CA#32529  
235 9TH AVE N  
JAX BEACH, FL 32250  
904-712-5750  
CHRIS@SABOENG.COM

PLAN NAME GARBER RESIDENCE	
SSE No.	20-0541

ISSUE	DATE
PERMIT	12.22.20
REVISIONS	DATE

STRUCTURAL ENGINEERING  
FOR GARBER RESIDENCE

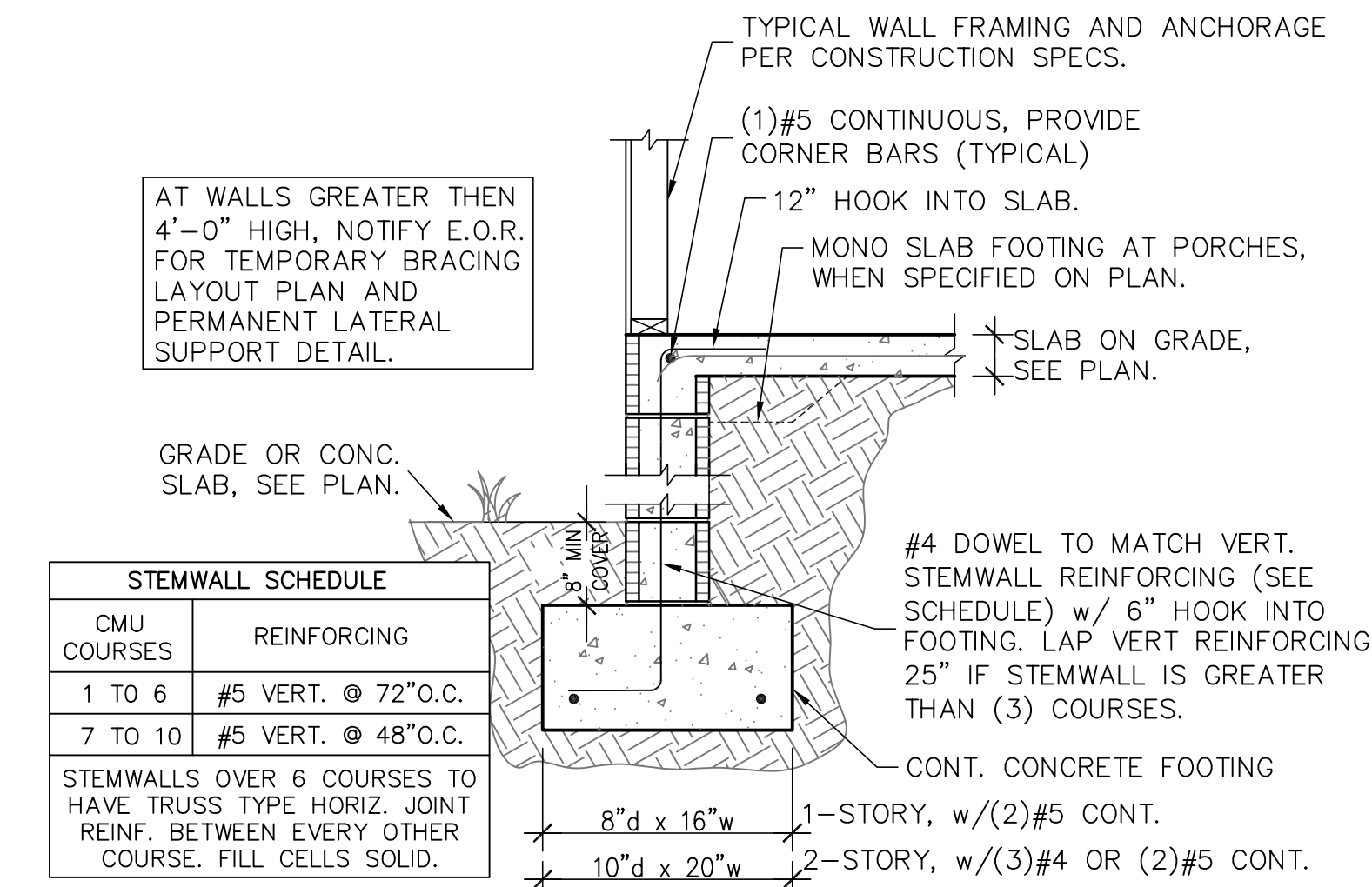
FIELD ALTERATION  
CONTRACTOR SHALL CONTACT SABO  
STRUCTURAL ENGINEERING PRIOR TO  
MAKING ANY STRUCTURAL FIELD  
MODIFICATIONS WHICH MAY VARY  
FROM THE INTENT OF THE ORIGINAL  
CONSTRUCTION DOCUMENTS. ANY  
FIELD ALTERATIONS MADE PRIOR TO  
BEING APPROVED BY CHRISTOPHER  
SABOURIN MAY RESULT IN ADDITIONAL  
ENGINEERING OR INSPECTION FEES.

SCALING  
DO NOT SCALE DIMENSIONS FROM  
THESE DRAWINGS. IF A DIMENSION IS  
UNCLEAR, REFER TO THE  
ARCHITECTURAL DRAWINGS OR  
CONTACT THE E.O.B.

FOUNDATION  
PLAN

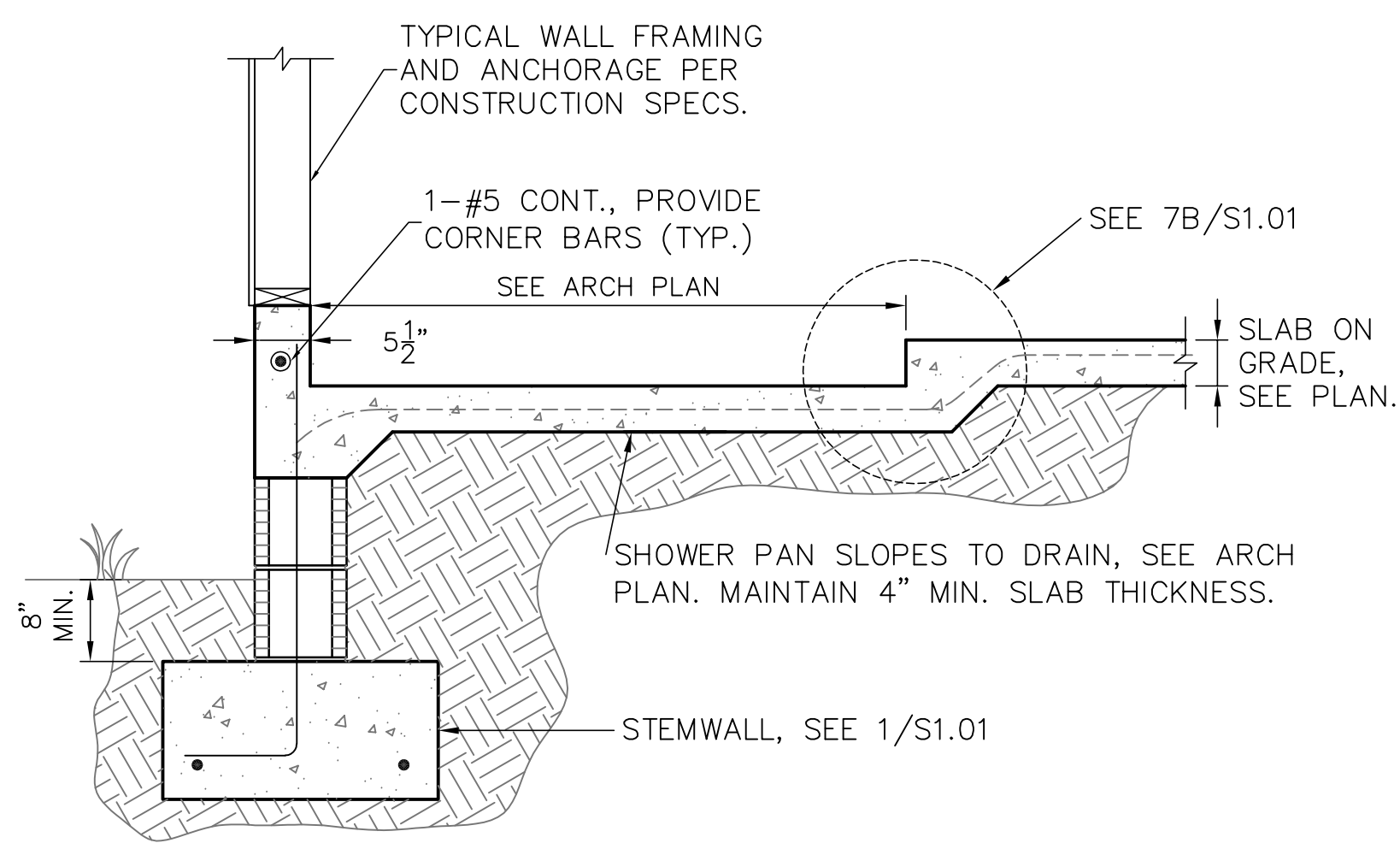
SHEET  
**S1.0**  
SHEET 3 OF 7

FOOTING SCHEDULE AND NOTES				
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM BARS
F2.0	2'-0"	2'-0"	1'-0"	3-#5 EA. WAY BOT.
F2.5	2'-6"	2'-6"	1'-0"	3-#5 EA. WAY BOT.
F3.0	3'-0"	3'-0"	1'-0"	3-#5 EA. WAY BOT.
F3.5	3'-6"	3'-6"	1'-0"	4-#5 EA. WAY BOT.
F4.0	4'-0"	4'-0"	1'-0"	4-#5 EA. WAY BOT.
F4.5	4'-6"	4'-6"	1'-0"	4-#5 EA. WAY BOT.
1. THIS FOUNDATION PLAN ONLY CONVEYS STRUCTURAL INFO, RELATED TO THE FOUNDATION. FOR GENERAL FEATURES, DIMENSIONS, CONDUITS, ELECTRICAL EMBEDS, STEP HEIGHTS, ECT., SEE ARCH. PLAN. ARCHITECTURAL PLAN SHOWN HERE IN FOR REFERENCE ONLY.				
2. FTGS. & FND. SHALL BE IN ACCORDANCE w/ LOCAL BUILDING CODES.				
3. SOIL COMPACTION AND FILL SHALL BE COMPACTED TO A MIN. OF 95% MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557.				



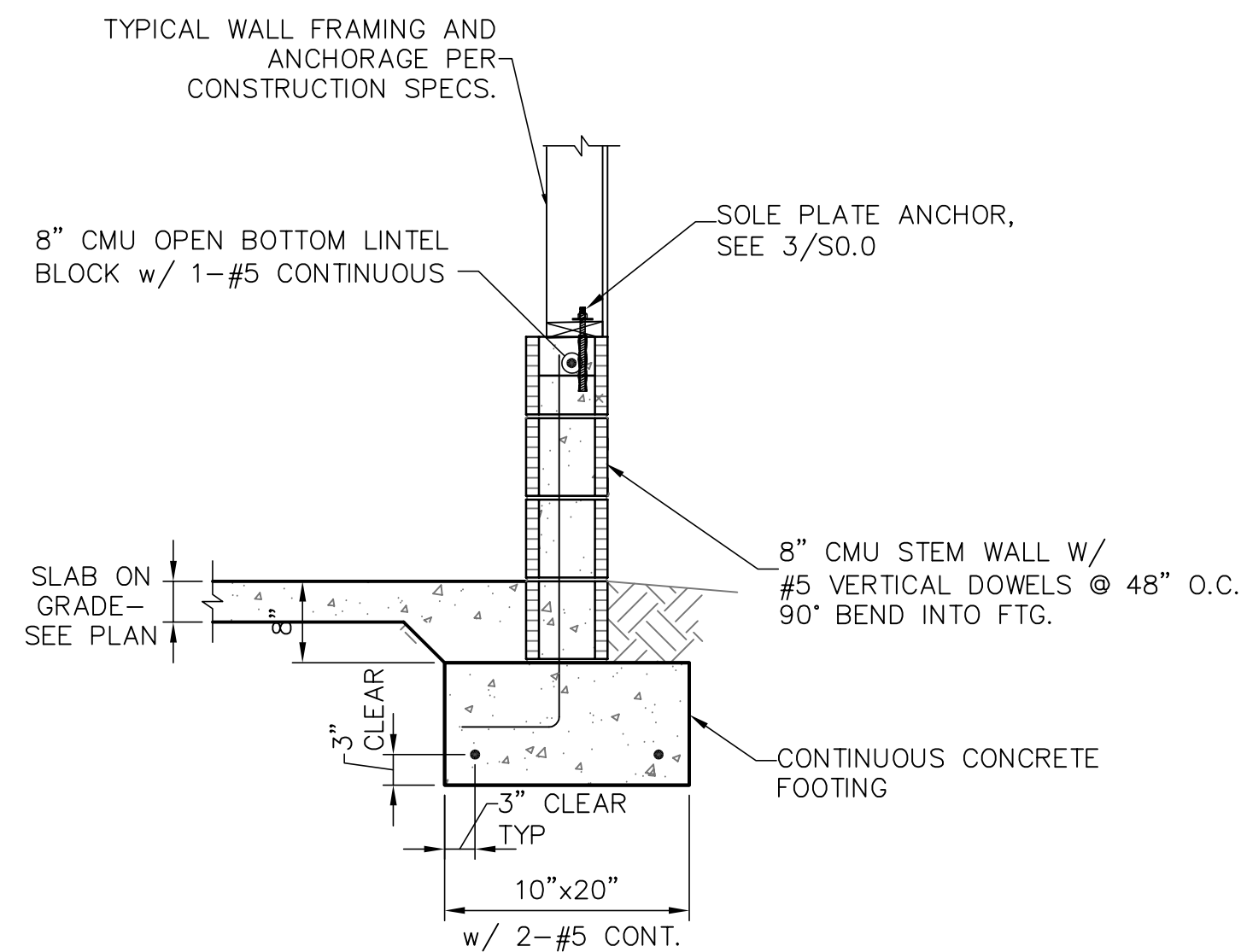
### 1 STEMWALL FOOTING

SCALE: 3/4" = 1'-0"



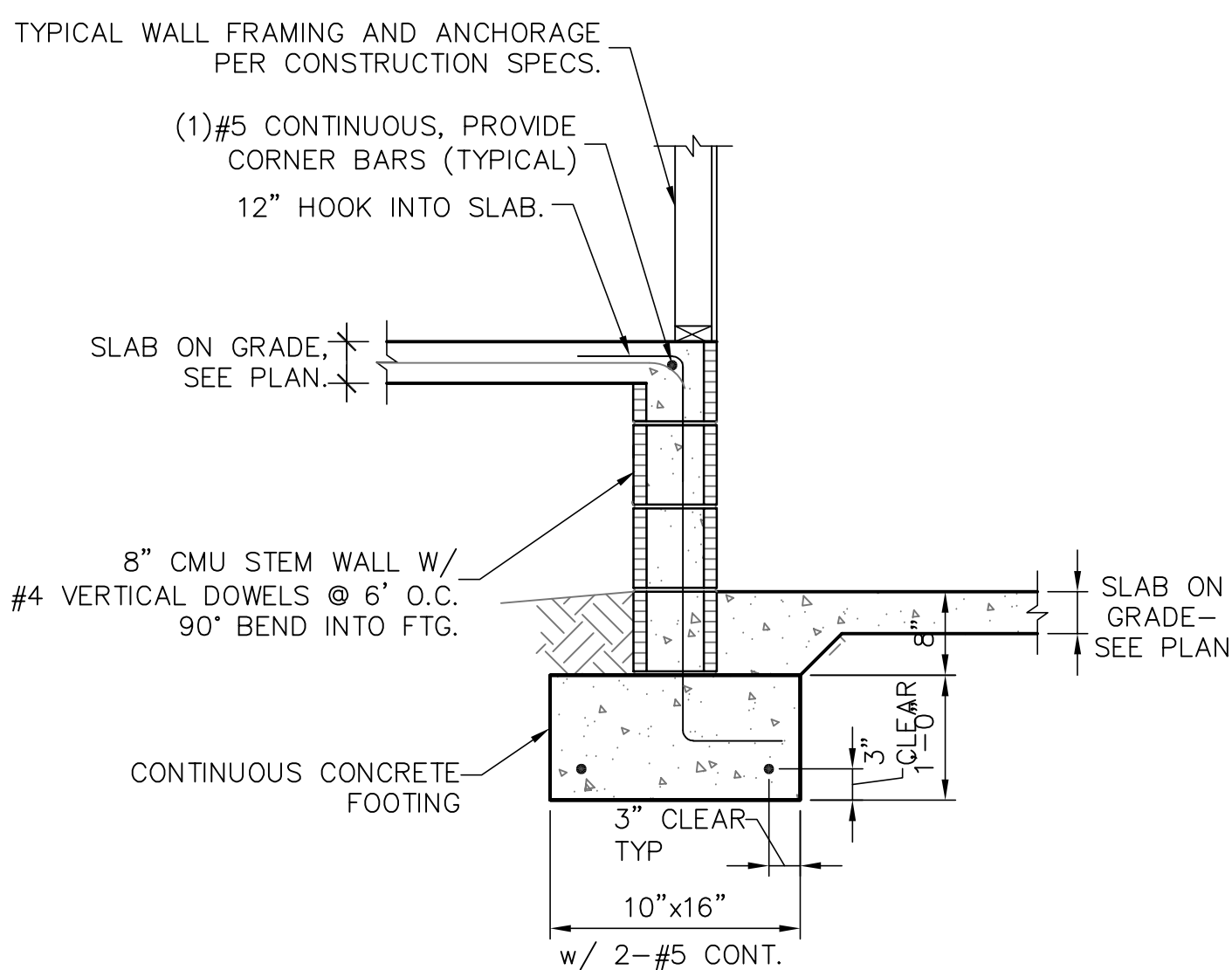
### 2 FOOTING W/ SHOWER RECESS

SCALE: 3/4" = 1'-0"



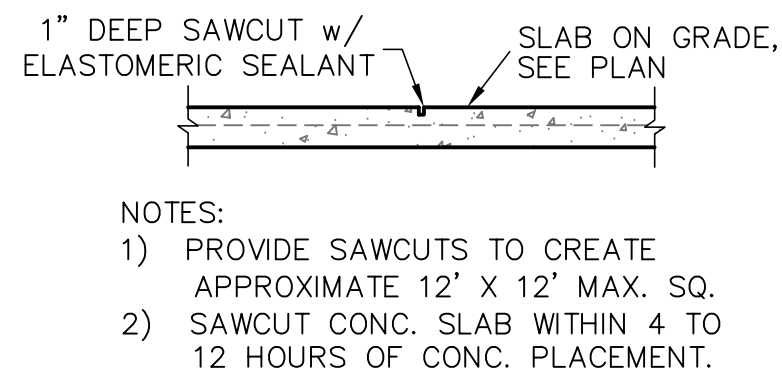
### 3 GARAGE STEM WALL

SCALE: 3/4" = 1'-0"



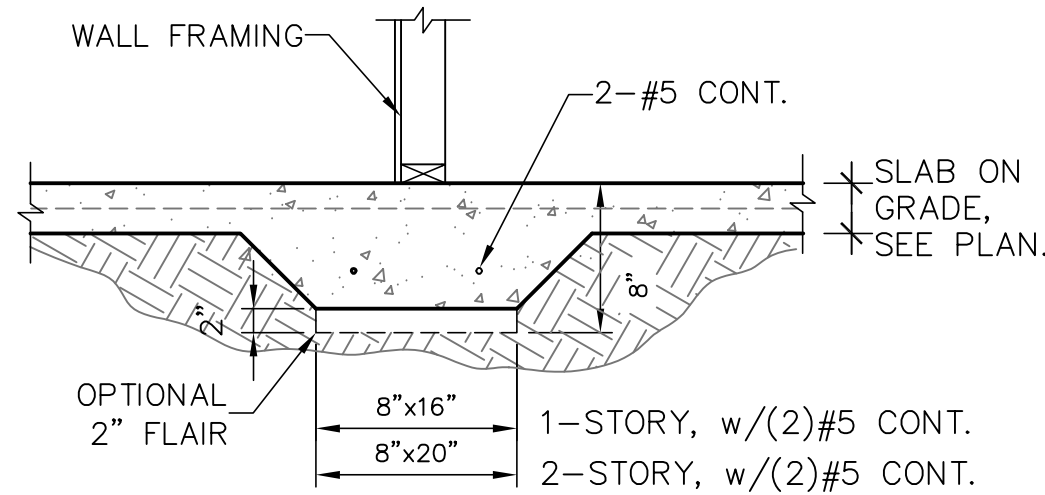
### 4 STEMWALL AT GARAGE

SCALE: 3/4" = 1'-0"



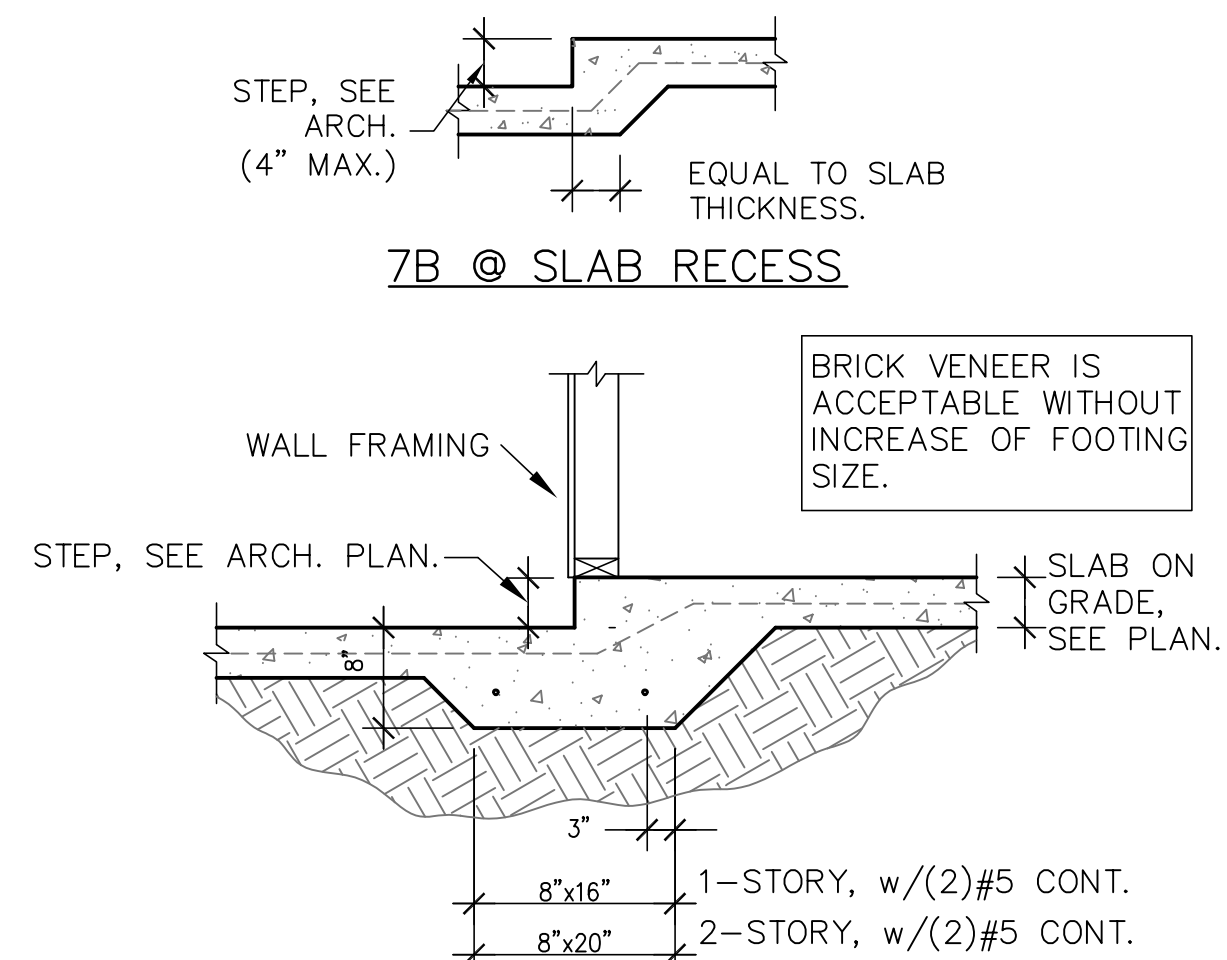
### 5 SAW CUT DETAIL

SCALE: 3/4" = 1'-0"



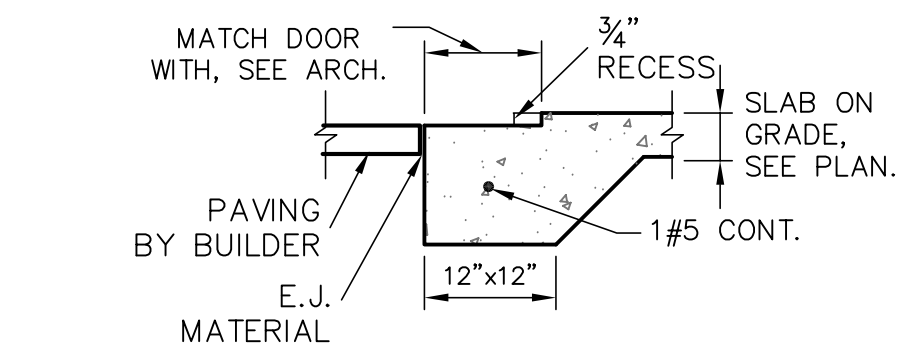
### 6 BEARING AT INTERIOR

SCALE: 3/4" = 1'-0"

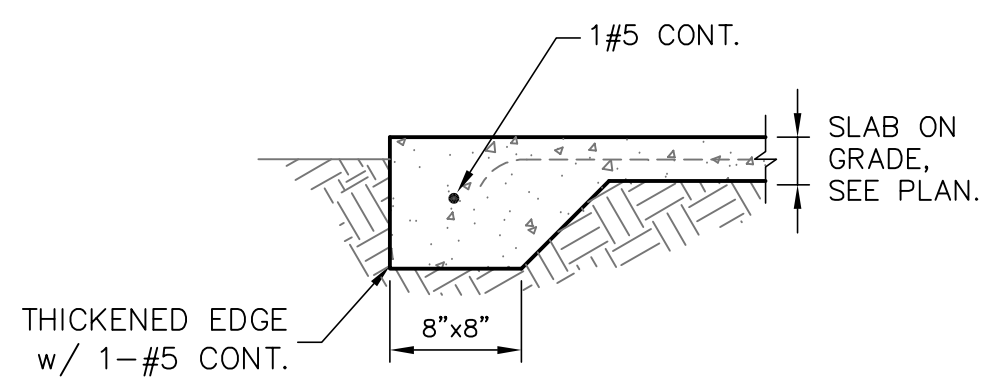


### 7 MONO. FOOTING AT STEP-DOWN

SCALE: 3/4" = 1'-0"



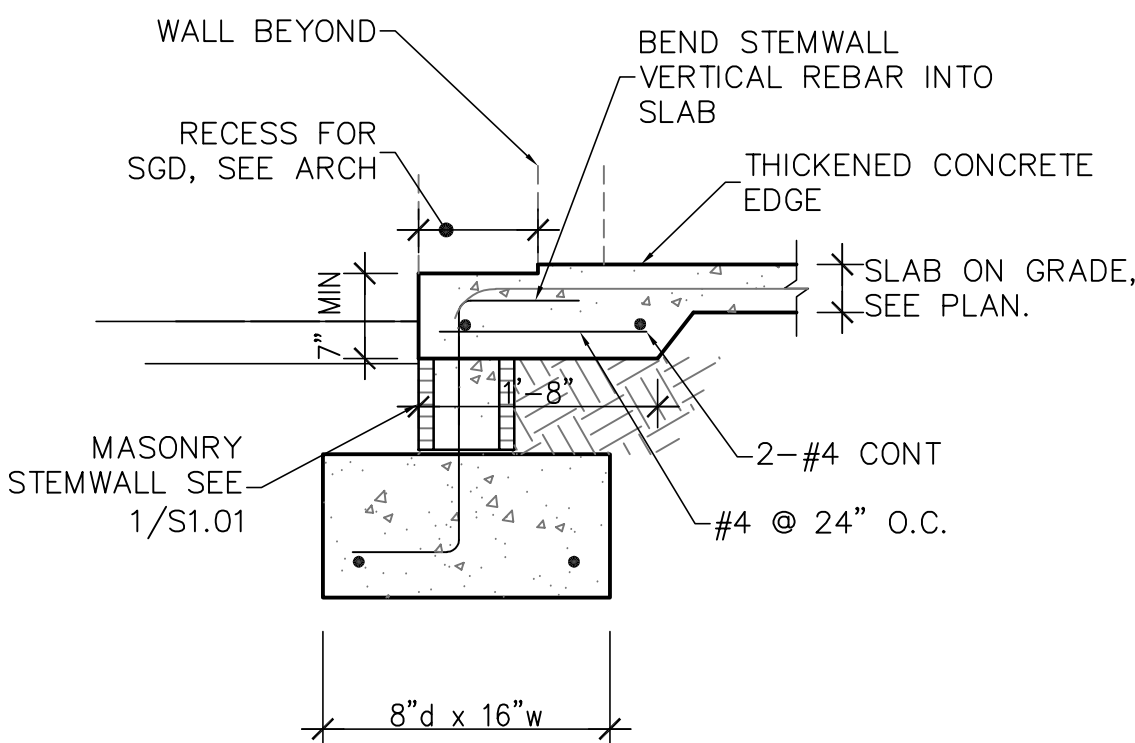
### AT GARAGES



### AT PORCHES

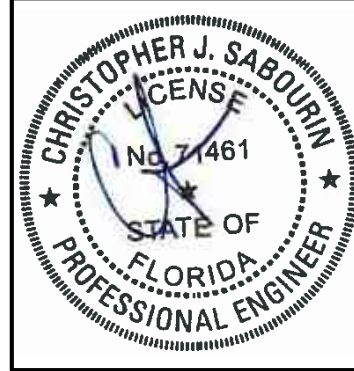
### 8 THICKENED SLAB

SCALE: 3/4" = 1'-0"



### 9 STEMWALL FOOTING AT SLIDER

SCALE: 3/4" = 1'-0"



12.22.20  
Christopher J Sabourin  
FL PE#71461

**SABO**  
STRUCTURAL  
ENGINEERING  
CA#32529  
235 9TH AVE N  
JAX BEACH, FL 32250  
904-712-5750  
CHRIS@SABOENG.COM

PLAN NAME  
GARBER RESIDENCE  
SSE No.  
20-0541

ISSUE	DATE
PERMIT	12.22.20
REVISIONS	DATE

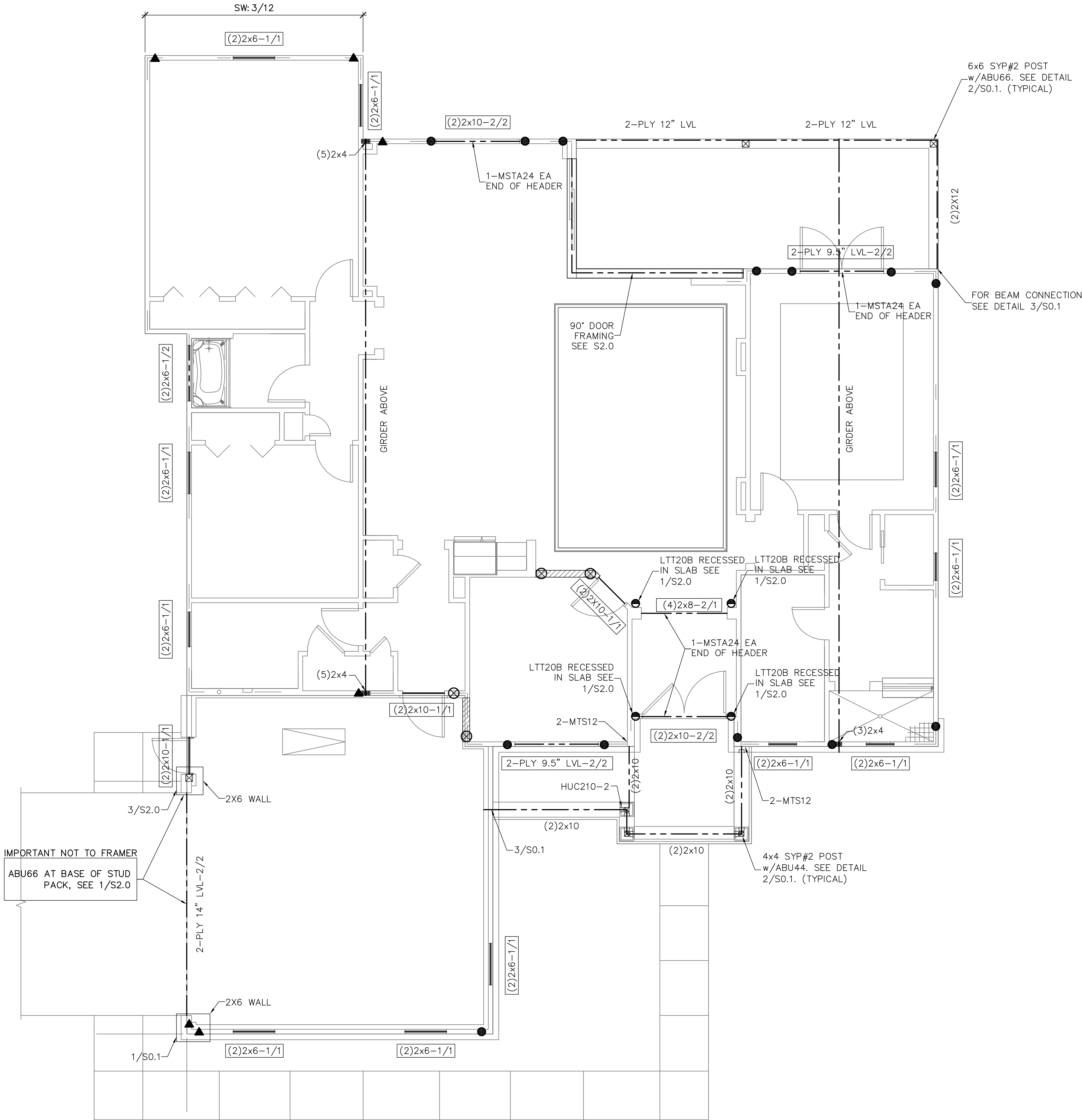
STRUCTURAL ENGINEERING  
FOR GARBER RESIDENCE

**FIELD ALTERATION**  
CONTRACTOR SHALL CONTACT SABO STRUCTURAL ENGINEERING PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING OR INSPECTION FEES.

**SCALING**  
DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS. IF A DIMENSION IS UNCLEAR REFER TO THE ARCHITECTURAL DRAWINGS OR CONTACT THE E.O.R.

FOUNDATION  
DETAILS

SHEET  
**S1.01**  
SHEET 4 OF 7



FIRST FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

SYMBOLS LEGEND

	DESIGNATES OSB SHEARWALL. THE HIDDEN LINE DESIGNATES SIDE OF WALL. THE SHEARWALL SHEATHING TO BE APPLIED. 8d @ 8\"/>
	DESIGNATES THE HEADER SIZE, NUMBER OF PLYS & JACK/KING STUDS NEEDED FOR SUPPORT HEADER.
	BEAM OR TRUSS, SEE PLAN

ANCHOR LEGEND

	3/8\"/>
	3/8\"/>
	3/8\"/>
	3/8\"/>
	SIMPSON HTTS SEE DETAIL 15/SO.1
	SIMPSON DT22 SEE DETAIL 15/SO.1
	SIMPSON LTT20B SEE DETAIL 15/SO.1

WALL STUD SCHEDULE

LOCATION	PLATE HEIGHT	STUD SIZE & SPACING
EXTERIOR	8'-1\"/>	2x4 SPF#2 @ 16\"/>
EXTERIOR	10'-1\"/>	2x6 SPF#2 @ 16\"/>
EXTERIOR	14'-0\"/>	2x6 SPF#2 @ 12\"/>
INTERIOR	10'-0\"/>	2x4 SPF#2 @ 16\"/>
INTERIOR	12'-0\"/>	2x6 SPF#2 @ 16\"/>

STUD NOTES

- 1.) WALL STUDS SPECIFIED ON PLAN SUPERSEDE THIS TABLE
- 2.) MINIMUM STUD SIZE AND SPACING ARE SHOWN. CONTRACTOR MAY INCREASE STUD SIZE TO MEET ARCHITECTURAL REQUIREMENTS.
- 3.) SPF DENOTES SPRUCE PINE FIR.. SYP DENOTES SOUTHERN YELLOW PINE.
- 4.) USE SYP#2 FOR ALL TOP PLATES AND SOLE PLATES.
- 5.) FASTEN BOTTOM PLATE OF INTERIOR LOAD BEARING WALLS TO CONCRETE SLAB w/16d MASONRY CUT NAILS @ 16\"/>

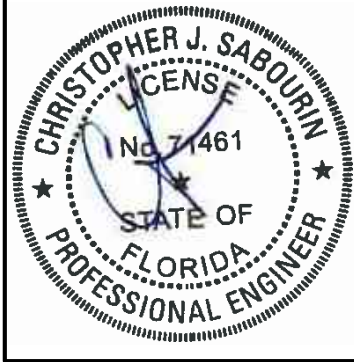
COMBINED USE PANEL NOTES

1. EXTERIOR WALL SHEATHING SHALL BE CONTINUOUS FROM BOTTOM PLATE TO UPPER MOST TOP PLATE. SEE DETAIL 1/SO.1 FOR SHEATHING SPLICE LOCATIONS FOR MULTI STORY CONDITIONS
2. SEE SHEET S0.0 FOR WALL SHEATHING SPECIFICATIONS.
3. UPPER MOST TOP PLATE SUPPORTING ROOF MEMBERS SHALL BE STRAPPED AS SHOWN IN DETAIL 1/SO.0
4. INSTALL SOLE PLATE ANCHORS PER DETAIL 3/SO.0
1. SEE DETAIL 2/SO.0 FOR WALL FRAMING DETAIL. SEE WALL STUD SCHEDULE THIS SHEET FOR STUD SIZES AND SPACING. AT GIRDERS AND BEAMS, PROVIDE STUDS BELOW TO MATCH BEAM/GIRDER PLIES.
2. SEE SHEET S0.0 FOR ROOF AND FLOOR SHEATHING SPECIFICATIONS.
3. WHERE FRAMING MEMBERS CONSIST OF MULTIPLE PLIES (BEAMS, HEADER, AND STUDS) FASTEN PLIES TOGETHER PER DETAIL 6/SO.0
4. INSTALL SOLE PLATE ANCHORS PER DETAIL 3/SO.0
5. AT SHEARWALLS, PROVIDE DIAPHRAGM ATTACHMENT PER DETAIL 5/SO.1
6. FOR ATTACHMENT OF EXTERIOR WALLS THAT TERMINATE BETWEEN TRUSSES, SEE 5A/SO.1
7. AT PORCHES, SEE DETAIL 2/SO.1 FOR FRAMING AND HOLD DOWNS

SOLE PLATE ANCHOR SPACING SCHD

ALL EXTERIOR WALL UNLESS OTHER NOTED	42\"/>
SHEARWALLS (SW 8d@3\"/>	24\"/>
SOLE PLT @ #	WHEN NOTED ON PLAN SEE NOTE 2

1. INSTALL SOLE PLATE ANCHORS PER DETAIL 3/SO.0
2. ANCHOR SPACING SHALL BE AS NOTED. FOR EXAMPLE - SOLE PLT @ 36\"/>



12.22.20  
Christopher J Sabourin  
FL PE#71461

SABO  
STRUCTURAL  
ENGINEERING  
CA#32529  
235 9TH AVE N  
JAX BEACH, FL 32250  
904-712-5750  
CHRIS@SABOENG.COM

PLAN NAME  
GARBER RESIDENCE  
SSE No.  
20-0541

ISSUE	DATE
PERMIT	12.22.20
REVISIONS	DATE

STRUCTURAL ENGINEERING  
FOR GARBER RESIDENCE

FIELD ALTERATION

CONTRACTOR SHALL CONTACT SABO STRUCTURAL ENGINEERING PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING OR INSPECTION FEES.

SCALING

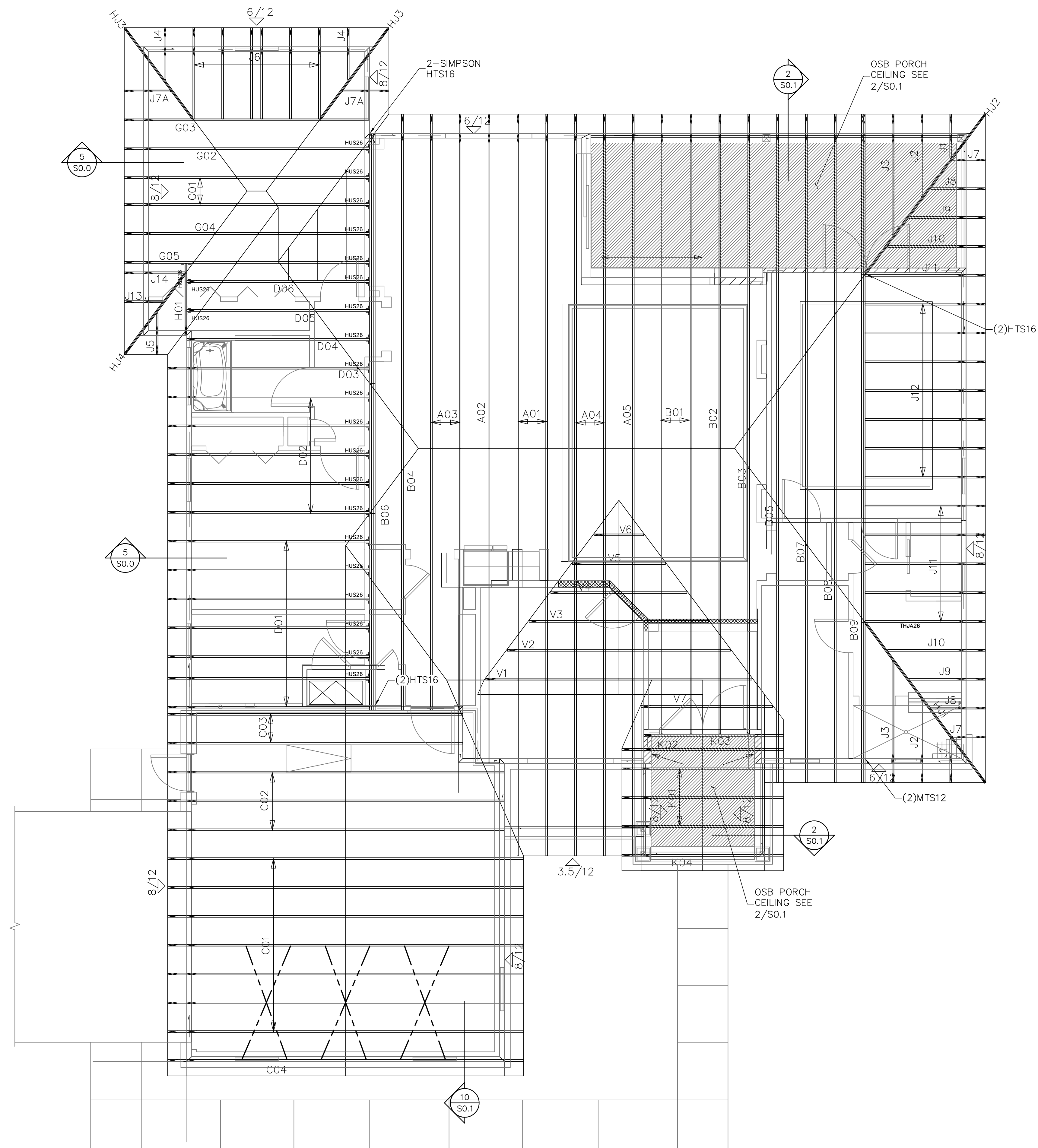
DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS. IF A DIMENSION IS UNCLEAR REFER TO THE ARCHITECTURAL DRAWINGS OR CONTACT THE E.O.B.

FIRST FLOOR  
FRAMING  
PLAN

SHEET

S1.1

SHEET 5 OF 7



## ROOF TRUSS PLACEMENT PLAN

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

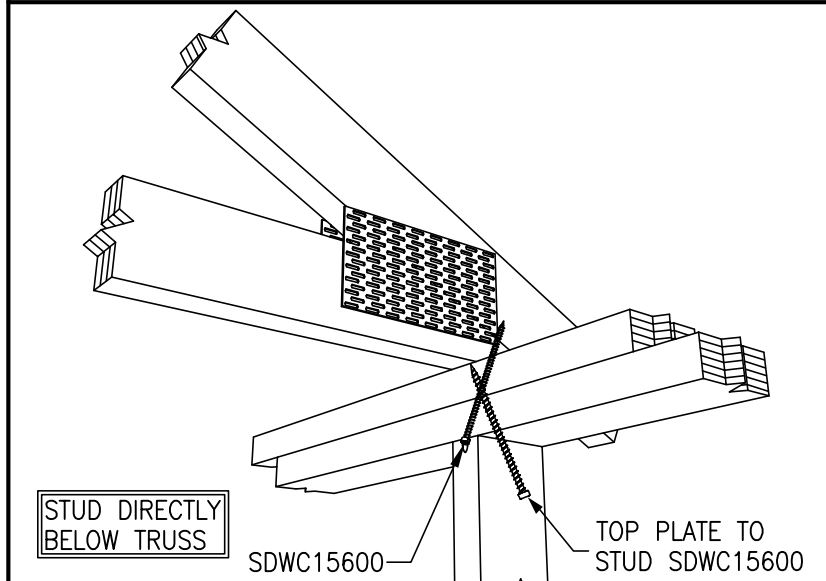
## SYMBOLS LEGEND

HTS16	DESIGNATES UPLIFT CONNECTION.
-------	-------------------------------

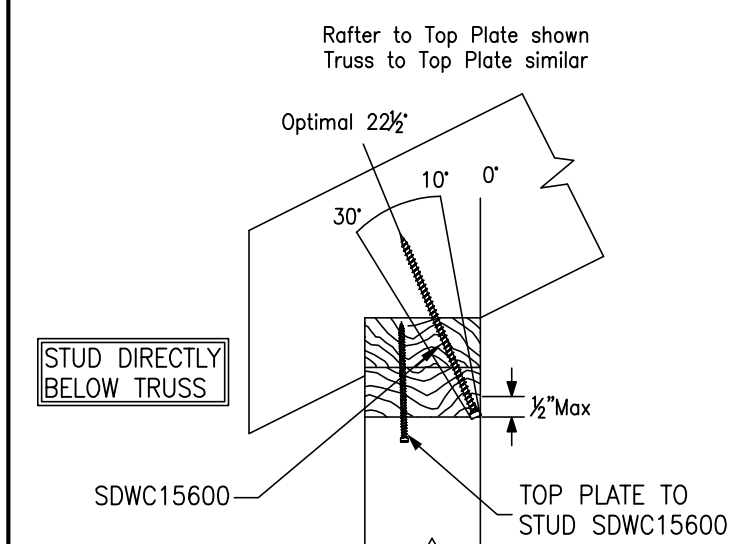
**FRAMING PLAN NOTES:**

1. FOR TYPICAL ROOF SHEATHING AND FRAMING, SEE SHEET S0.0.  
2. FOR SPECIFIC UPLIFT CONNECTORS, SEE PLAN. MIN. (1)SDWC CONNECTOR.  
3. FOR GENERAL DESIGN SPECIFICATIONS SEE SHEET S0.0.  
4. WHEN USING (2)H2.5T CLIPS ON 1/2" WIDE LUMBER, PLACE CLIPS  
DIAGONALLY ACROSS DOUBLE TOP PLATE FROM EACH OTHER.

## TRUSS FASTENING DETAILS

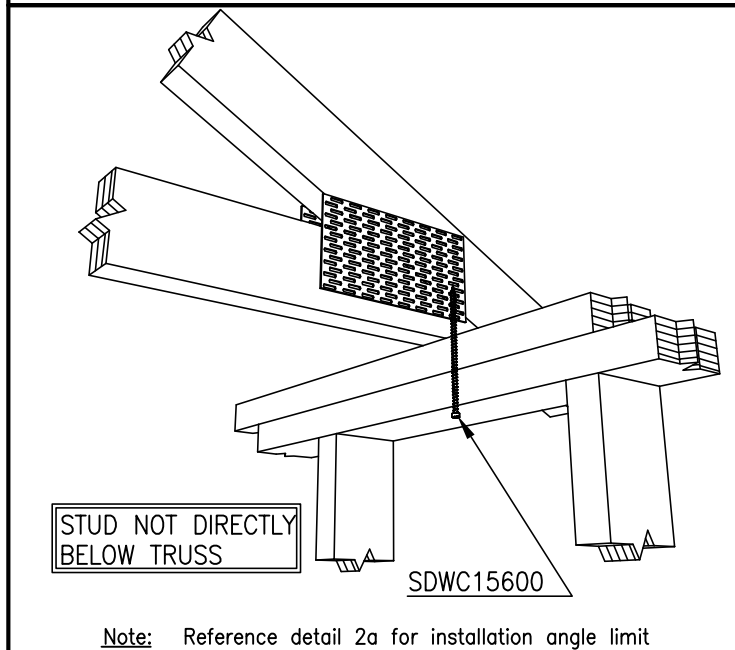


## TRUSS TIE DOWN WITH SIMPSON SDWC

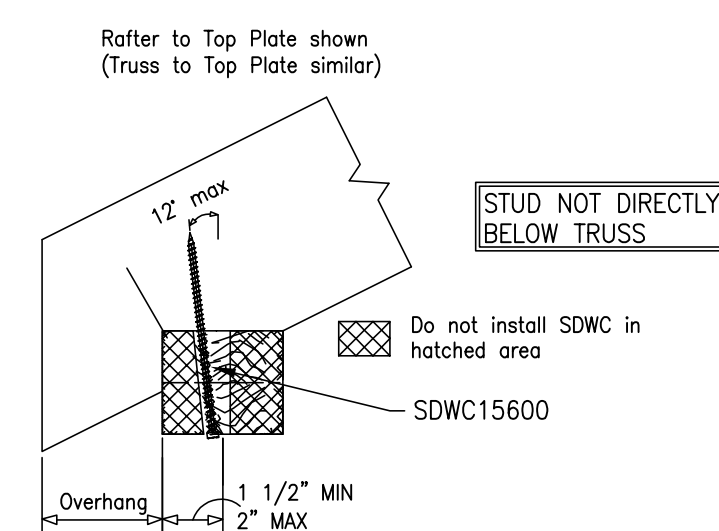


**Note:** 1. Sloped-roof rafters may be sloped up to and including a 12:12 pitch and must be "birdsmouth" cut.  
2. Reference detail 4 for installation instructions.

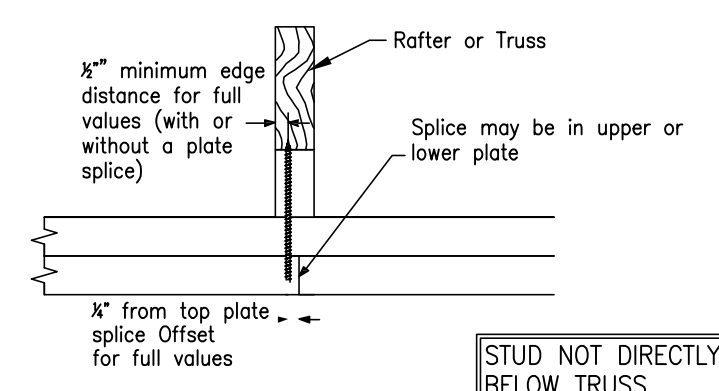
## SIMPSON SDWC INSTALLATION RANGE



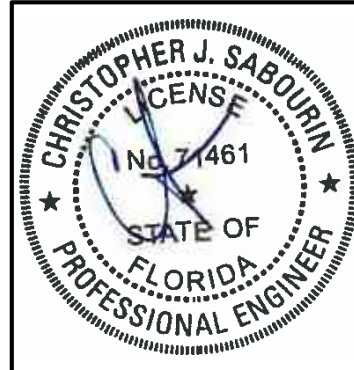
## SDWC INSTALLATION



## SDWC INSTALLATION RANGE



## SDWC AT TOP PLATE SPLICE



12.22.20  
Christopher J Sabourin  
FL PE#71461

SABO  
STRUCTURAL  
ENGINEERING

CA#32529  
235 9TH AVE N  
JAX BEACH, FL 32250  
904-712-5750  
CHRIS@SABOENG.COM

PLAN NAME GARBER RESIDENCE
SSE No. 20-0541

ISSUE	DATE
PERMIT	12.22.20
REVISIONS	DATE

# STRUCTURAL ENGINEERING FOR GARBER RESIDENCE

## FIELD ALTERATION

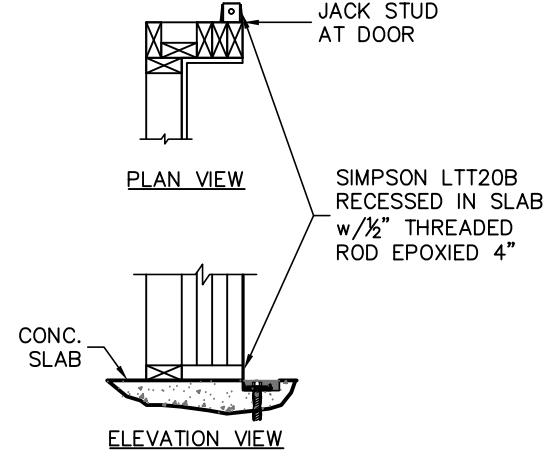
CONTRACTOR SHALL CONTACT SABO STRUCTURAL ENGINEERING PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING OR INSPECTION FEES.

## SCALING

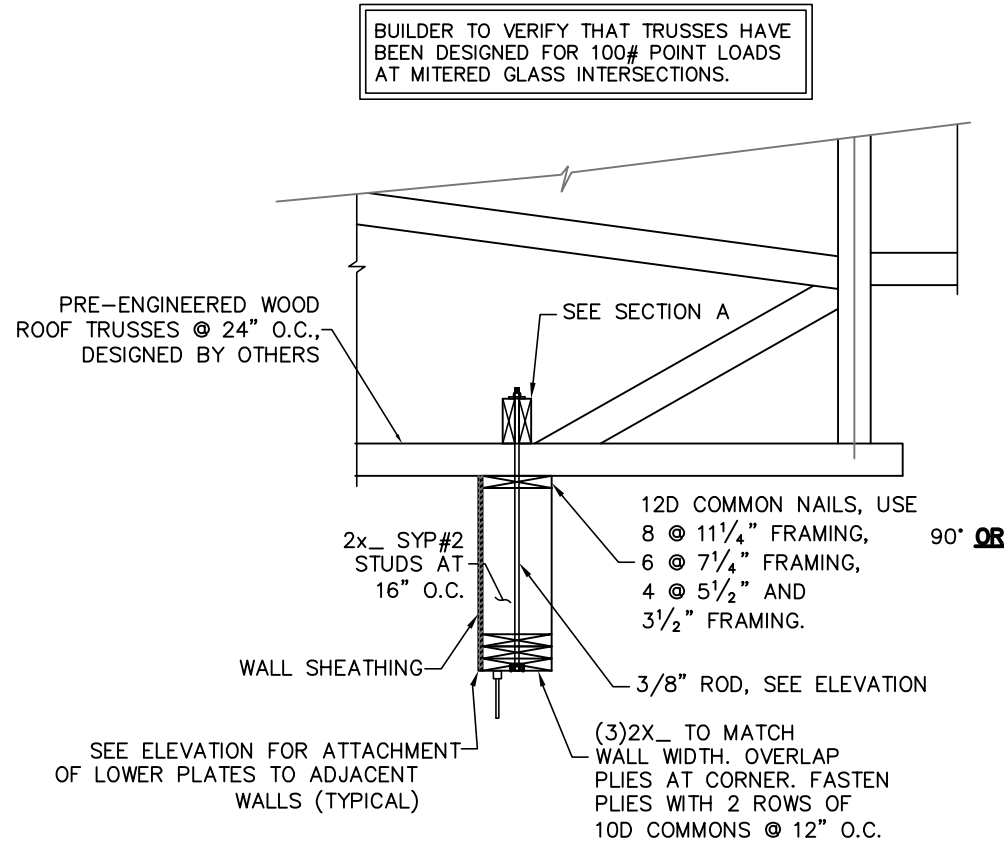
**SCALING**  
DO NOT SCALE DIMENSIONS FROM  
THESE DRAWINGS. IF A DIMENSION IS  
UNCLEAR REFER TO THE  
ARCHITECTURAL DRAWINGS OR  
CONTACT THE E.O.R.

## ROOF TRUSS PLACEMENT PLAN

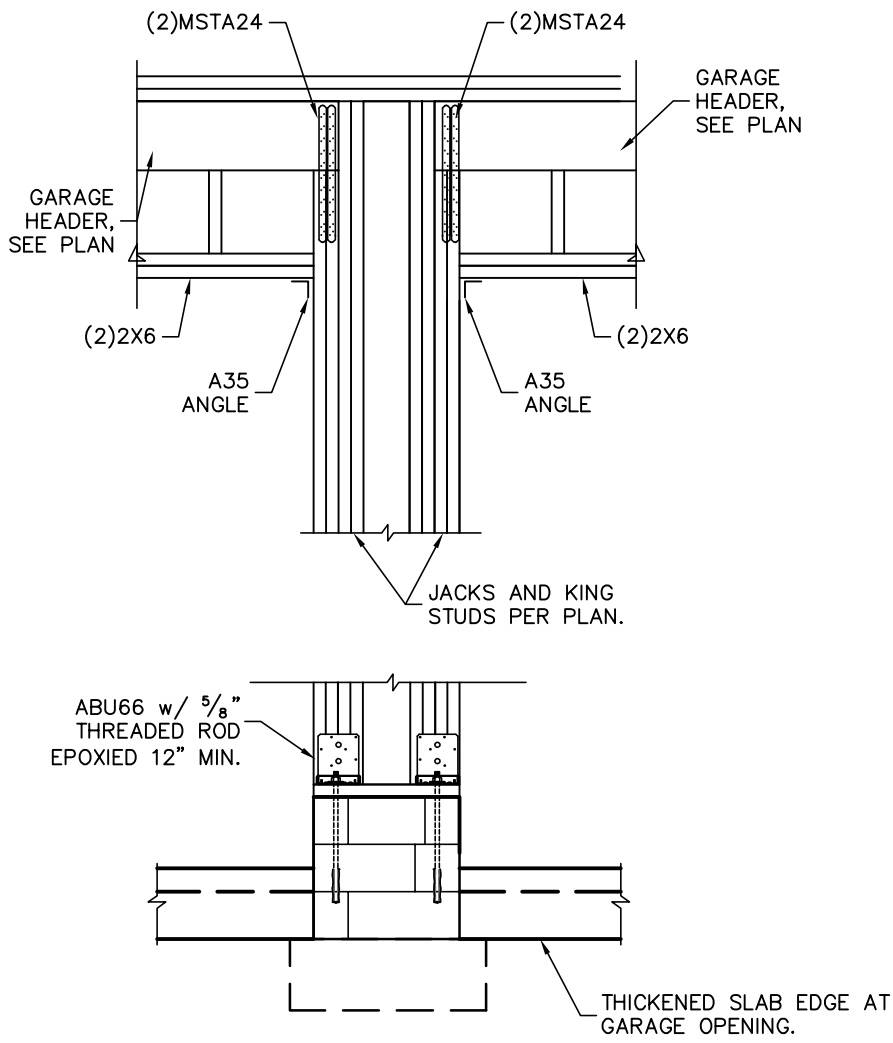
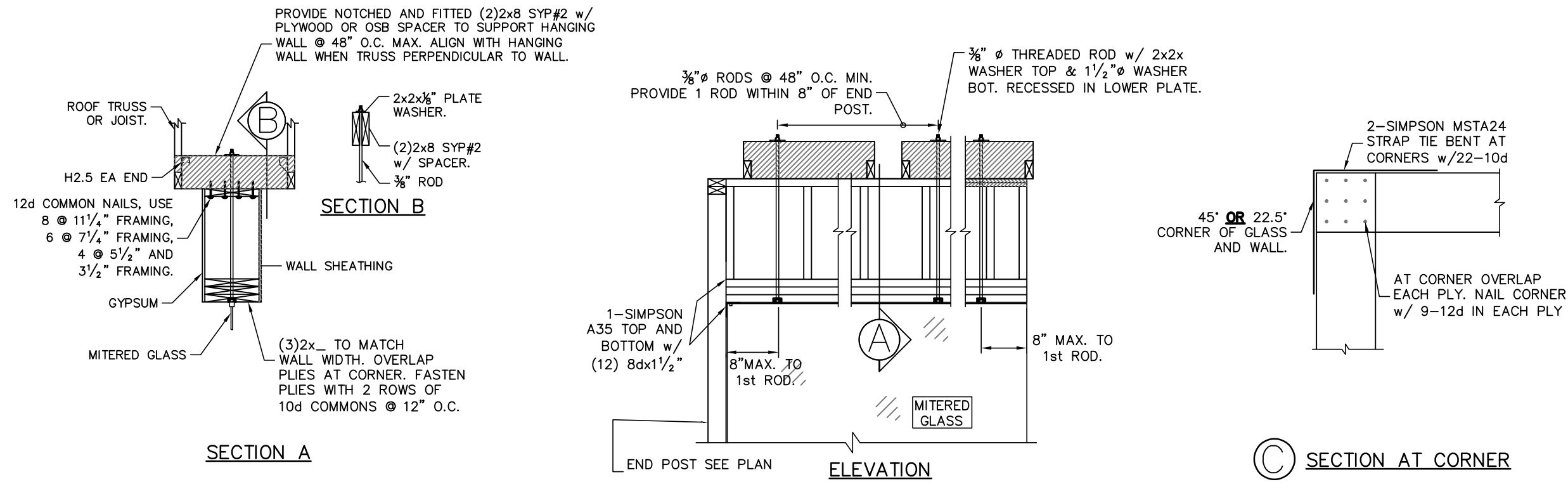
SHEET  
**S1.2**  
SHEET 6 OF 7



**1**  
**DOOR JAMB FASTENING**  
THIS DETAIL ONLY APPLIES WHEN NOTED ON PLAN



**2**  
**MITERED WINDOW HEAD FRAMING**  
SCALE: N.T.S.



**3**  
**GARAGE CENTER WALL FRAMING**  
SCALE: 3/4" = 1'-0"



12.22.20  
Christopher J Sabourin  
FL PE#71461

**SABO**  
**STRUCTURAL ENGINEERING**  
CA#32529  
235 9TH AVE N  
JAX BEACH, FL 32250  
904-712-5750  
CHRIS@SABOENG.COM

PLAN NAME  
GARBER RESIDENCE  
SSE No.  
20-0541

ISSUE	DATE
PERMIT	12.22.20
REVISIONS	DATE

STRUCTURAL ENGINEERING  
FOR GARBER RESIDENCE

**FIELD ALTERATION**  
CONTRACTOR SHALL CONTACT SABO STRUCTURAL ENGINEERING PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING OR INSPECTION FEES.

**SCALING**  
DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS. IF A DIMENSION IS UNCLEAR, REFER TO THE ARCHITECTURAL DRAWINGS OR CONTACT THE E.O.B.

MISC  
DETAILS