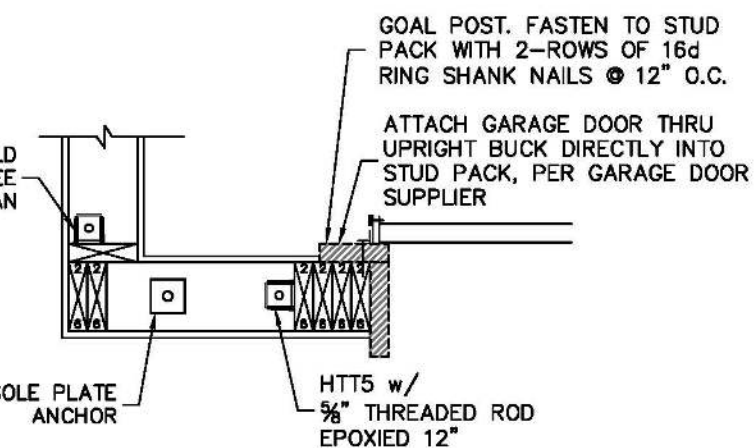
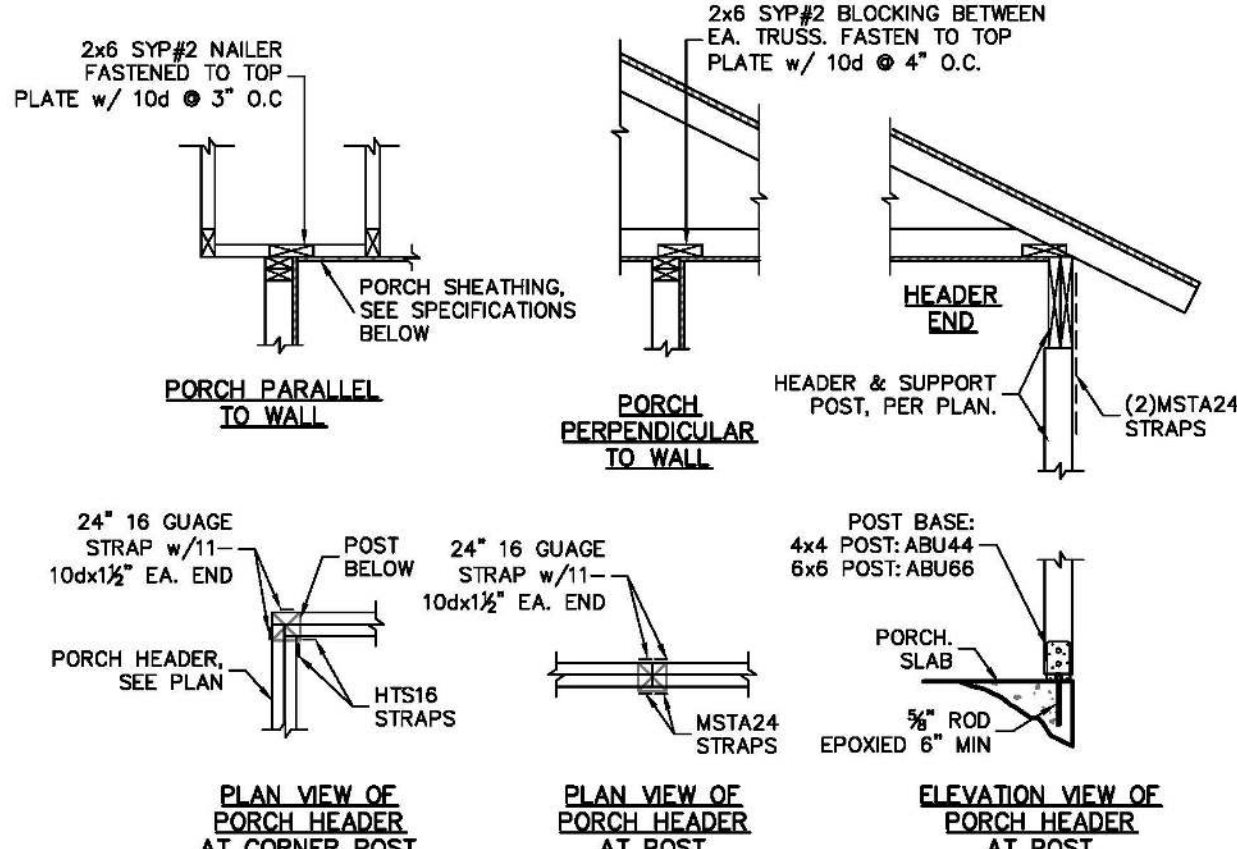


GARAGE WING WALL ELEVATION

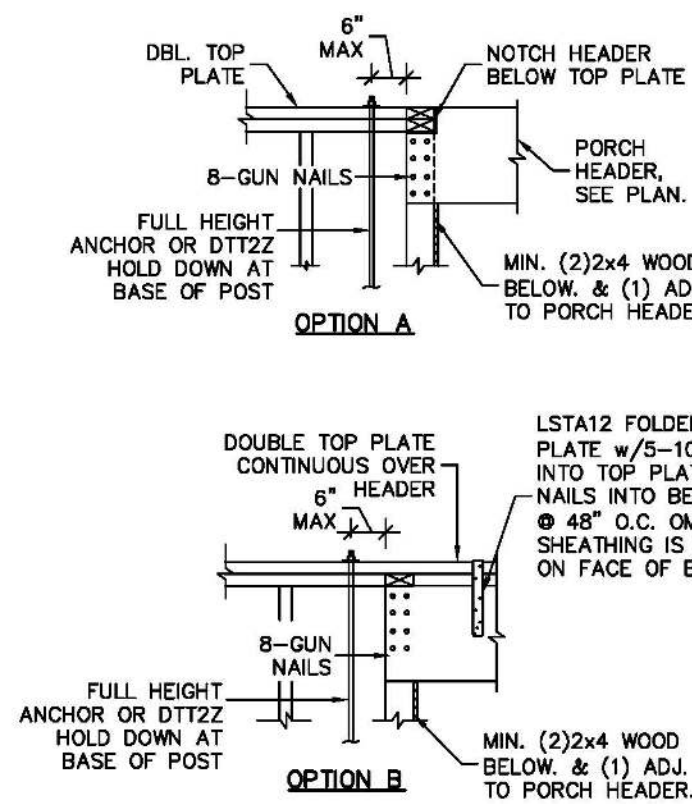


GARAGE WING WALL SECTION

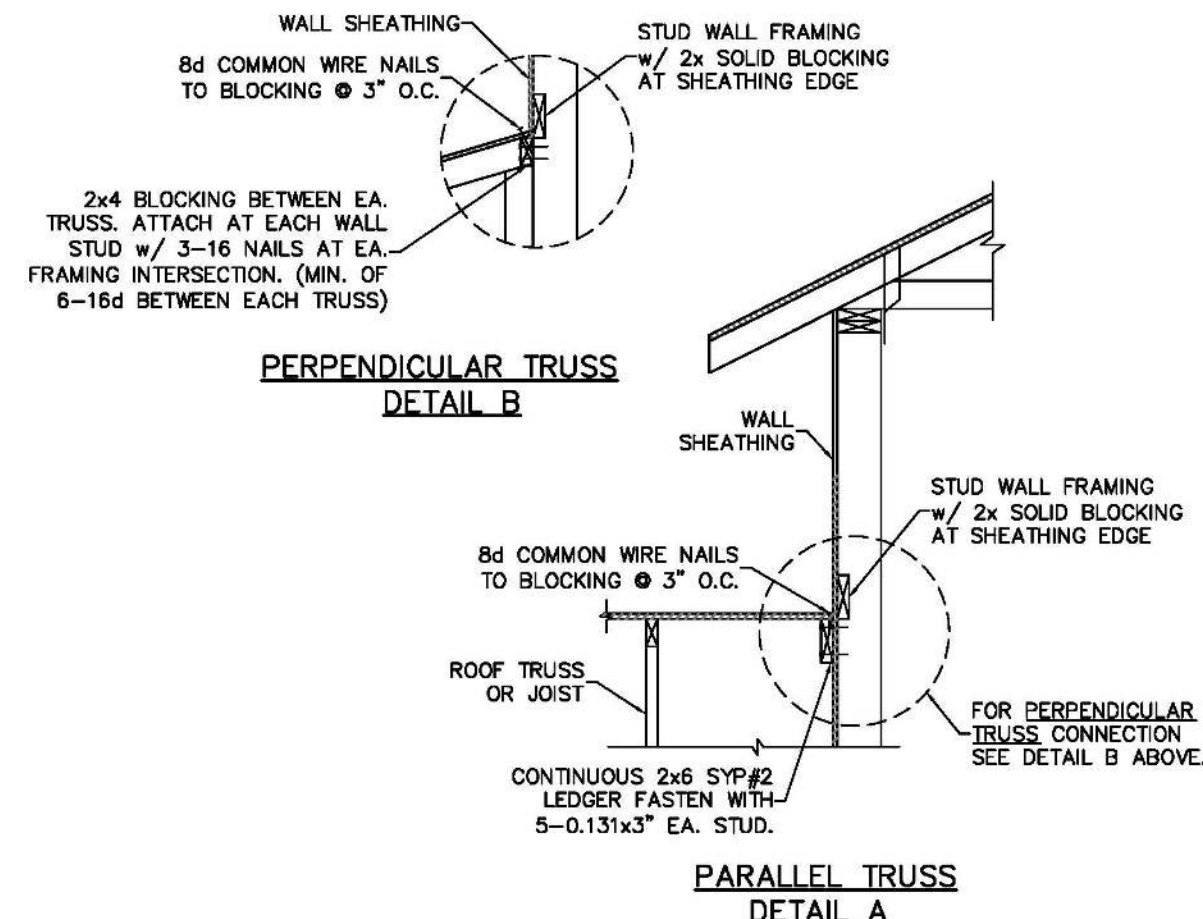
**1** GARAGE HEADER FRAMING  
SCALE: N.T.S.



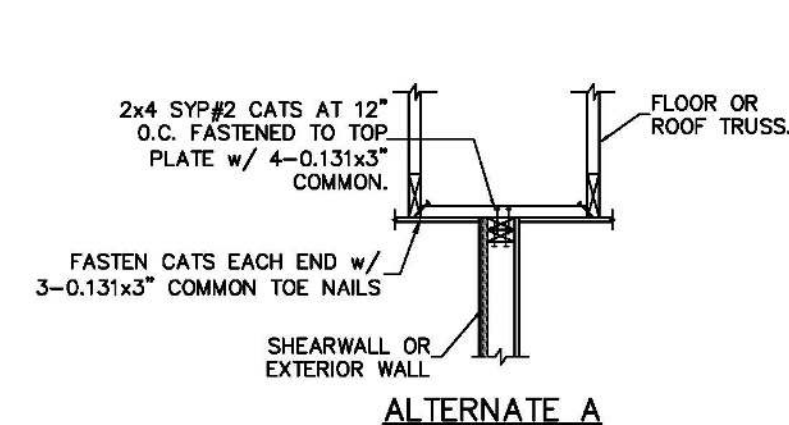
**2** TYPICAL PORCH FRAMING DETAILS  
SCALE: N.T.S.



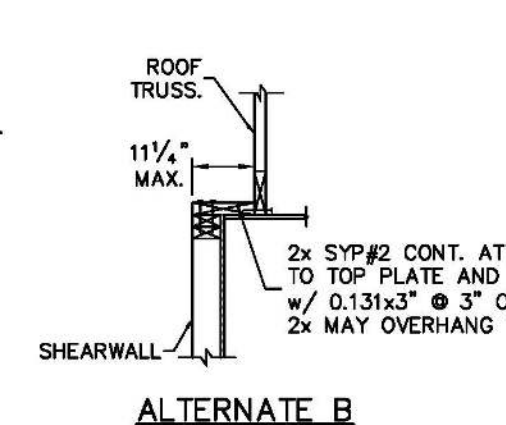
**3** TYPICAL PORCH BEAM CONNECTION  
SCALE: N.T.S.



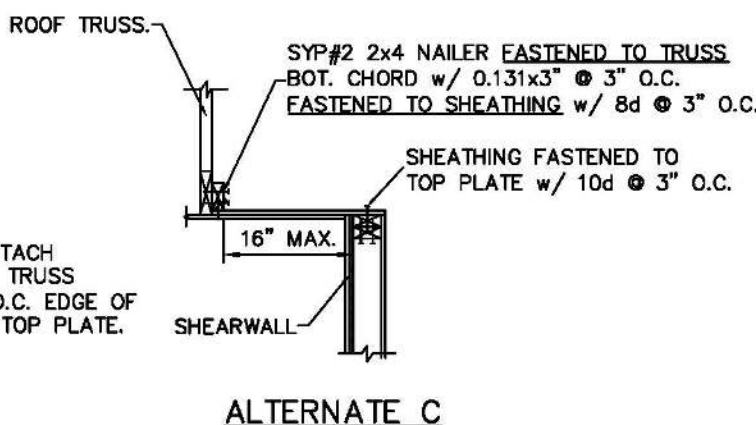
**4** WALL ADJ. TO ROOF CONNECTION  
SCALE: N.T.S.



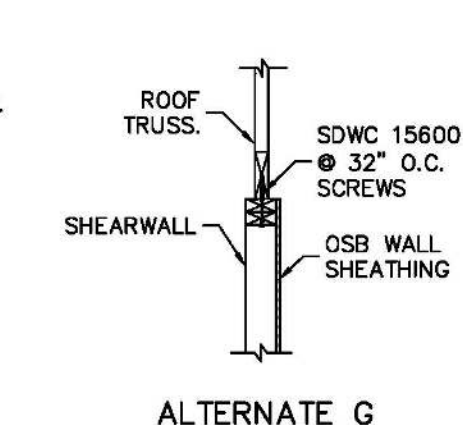
ALTERNATE A



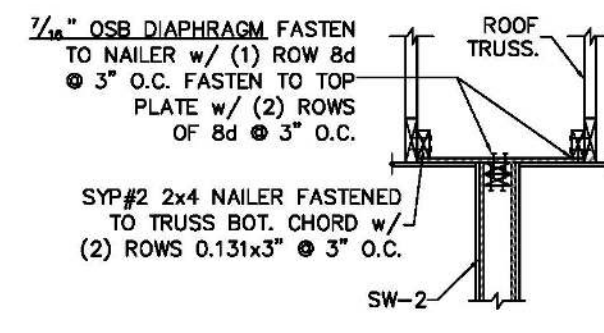
ALTERNATE B



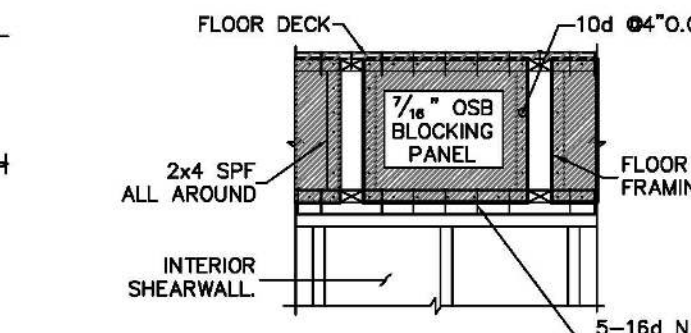
ALTERNATE C



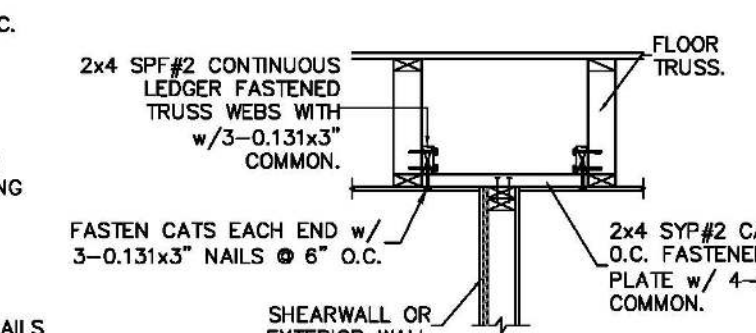
ALTERNATE G



ALTERNATE D

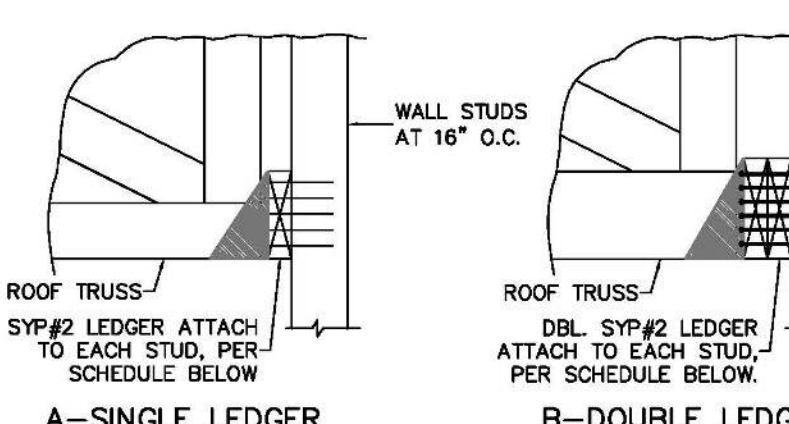


ALTERNATE E

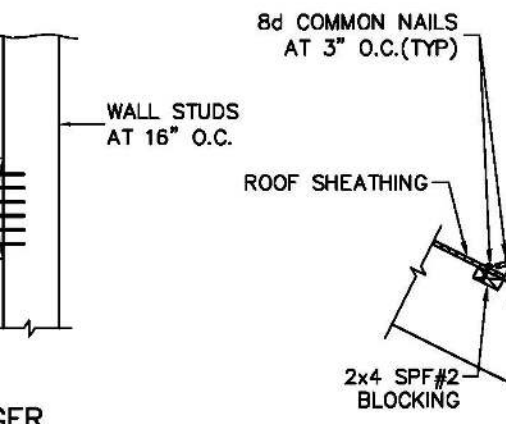


ALTERNATE F

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



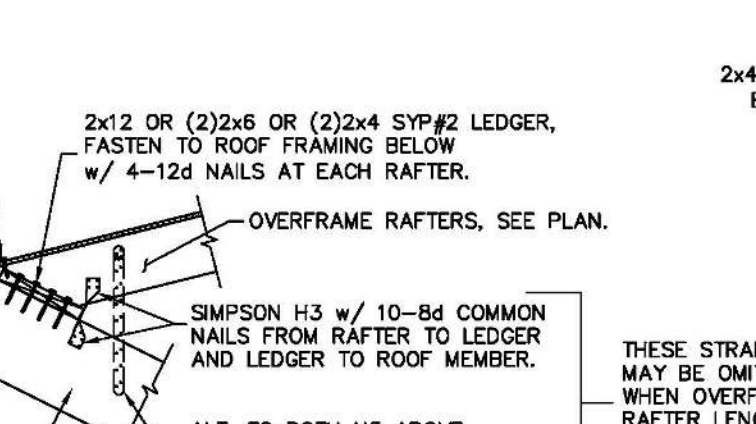
A-SINGLE LEDGER



B-DOUBLE LEDGER

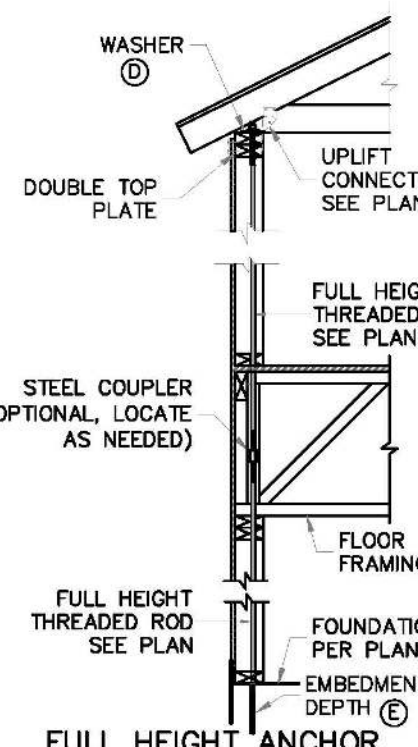
VERTICAL REACTION LEDGER SIZE & NAILING  
0-775 2x6 w/ 5-0.131x3"  
775-1250 2x6 w/ 8-0.131x3"  
1251-1540 2x10 w/ 10-0.131x3"  
1540-1850 2x12 w/ 12-0.131x3"

VERTICAL REACTION LEDGER SIZE & NAILING  
1850-2345 2x8 w/ 6-1/4"x6" SDS SCREWS  
2346-3125 2x12 w/ 6-1/4"x6" SDS SCREWS



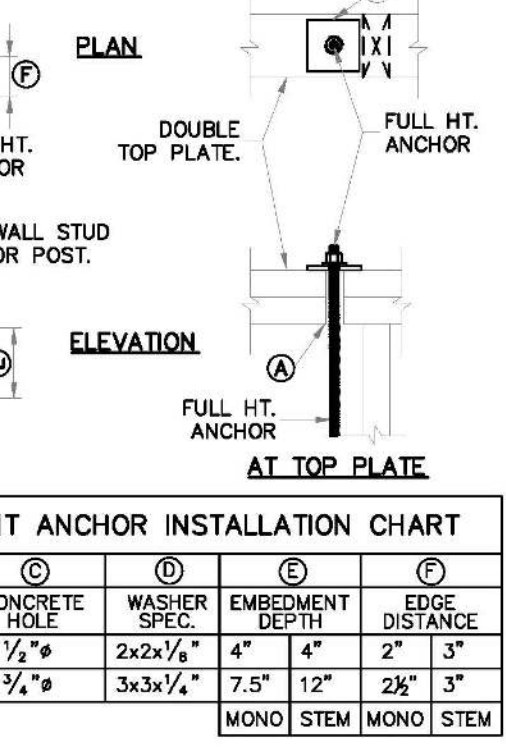
PROVIDE SOLID SPF#2 BLOCKING AT PANEL JOINTS ADJACENT TO TIE IN OF OVERFRAME RAFTERS TO TRUSS FRAMING.

**8** LEDGER CONNECTION  
SCALE: N.T.S.

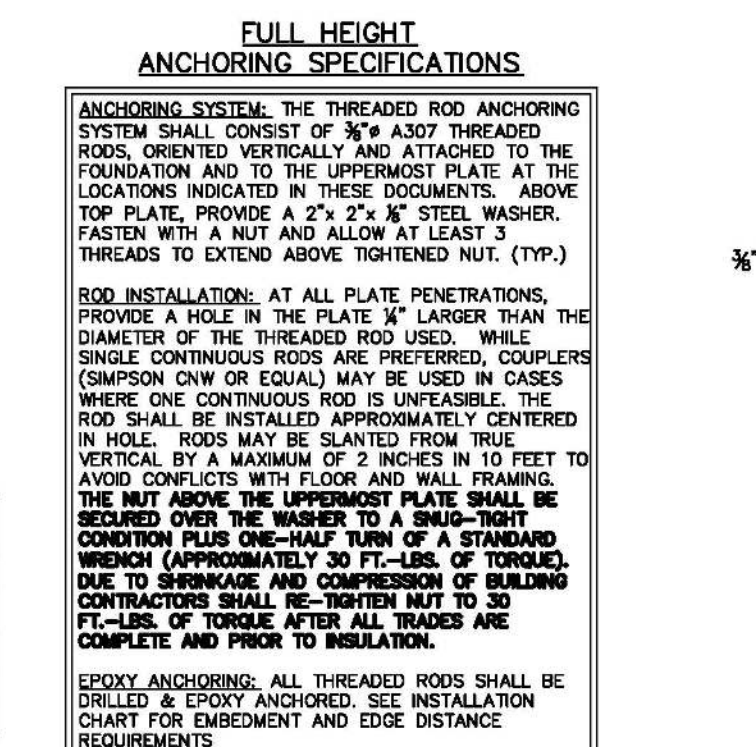


LEDGER CONNECTION

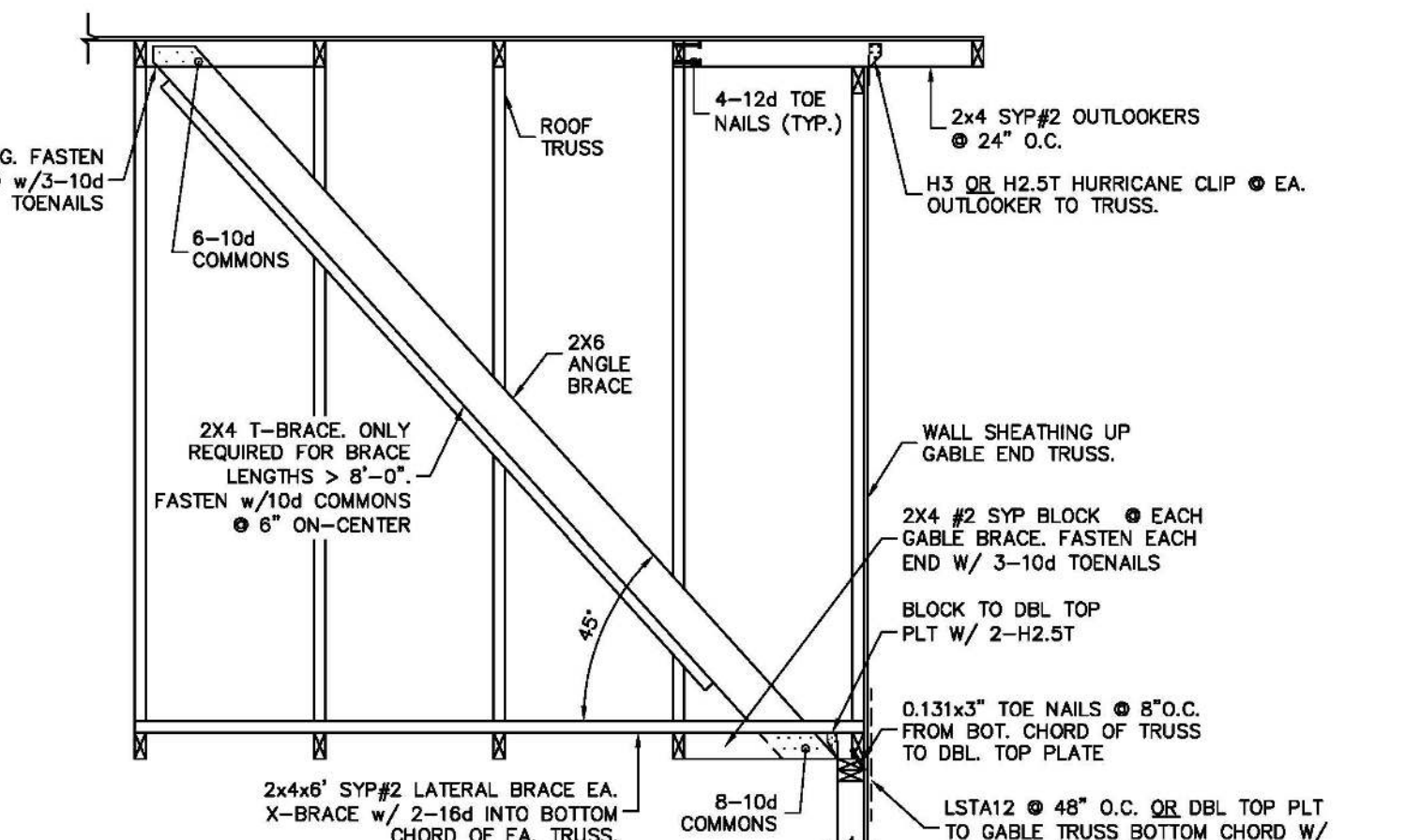
**9** DECK LEDGER AT OVERFRAME RAFTERS  
SCALE: N.T.S.



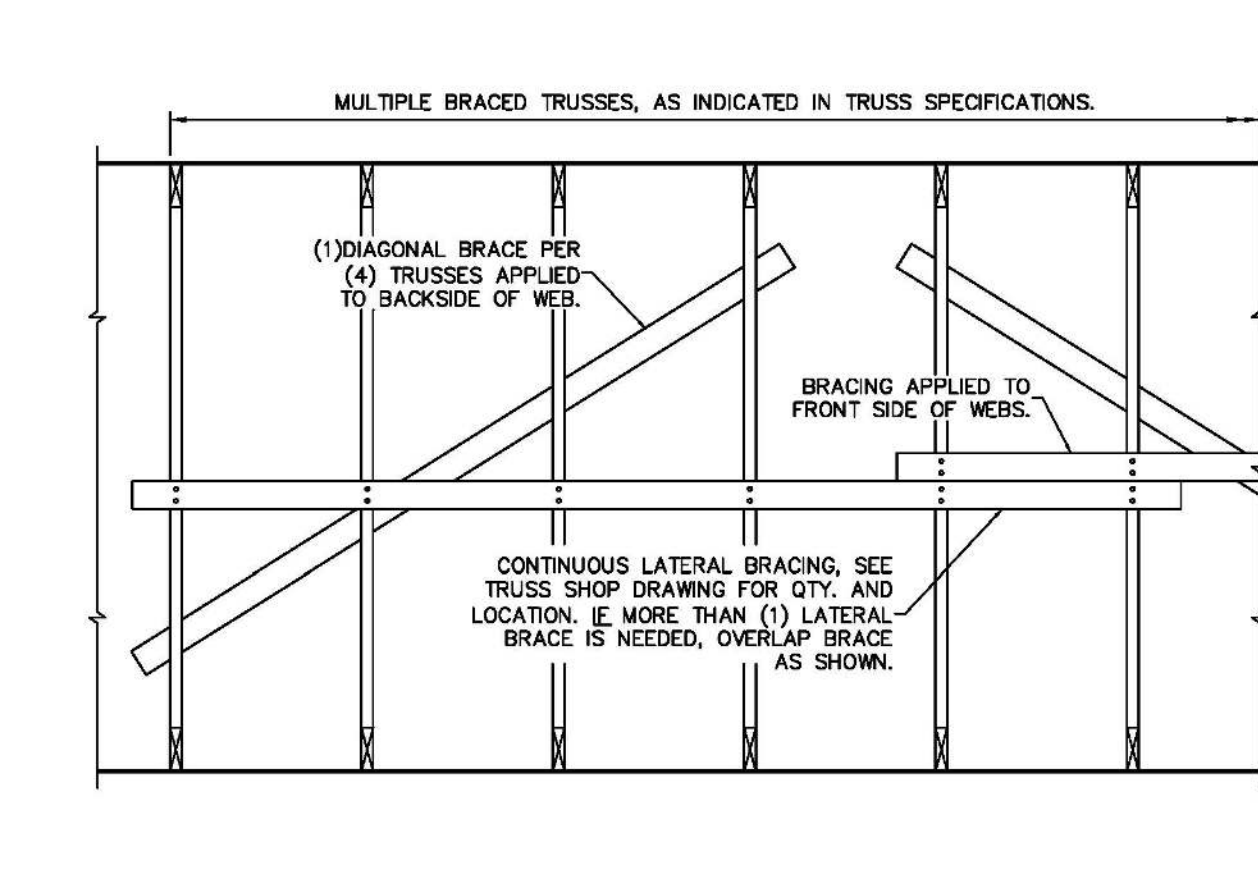
DECK LEDGER AT OVERFRAME RAFTERS



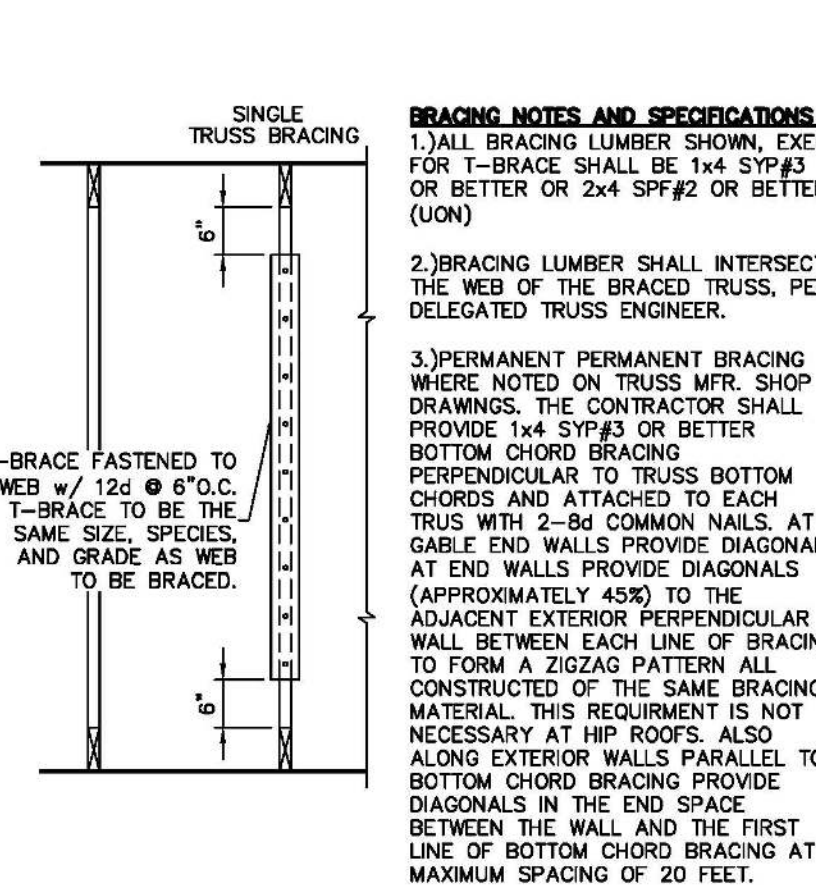
FULL HEIGHT WOOD FRAME WALL ANCHORING SYSTEM



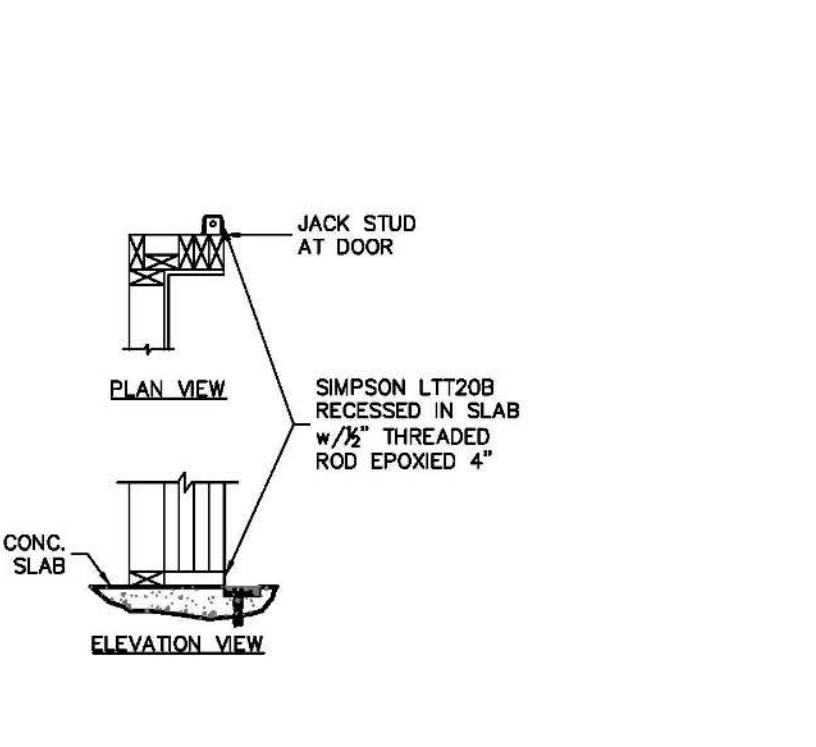
**10** GABLE END BRACING  
SCALE: N.T.S.



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



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



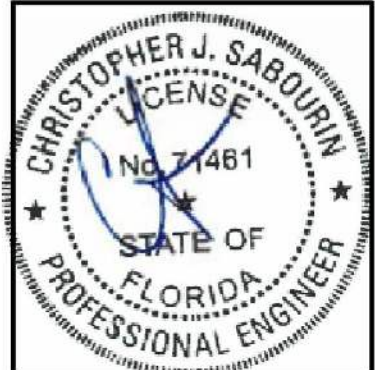
FULL HEIGHT WOOD FRAME WALL ANCHORING SYSTEM

**13** FULL HEIGHT ROD ALTERNATE ATTACHMENT  
SCALE: N.T.S.

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

**15** HOLD DOWN ATTACHMENT DETAIL  
SCALE: N.T.S.

**16** DOOR JAMB FASTENING  
SCALE: N.T.S.



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**STRUCTURAL ENGINEERING FOR  
THE FORBES RESIDENCE**

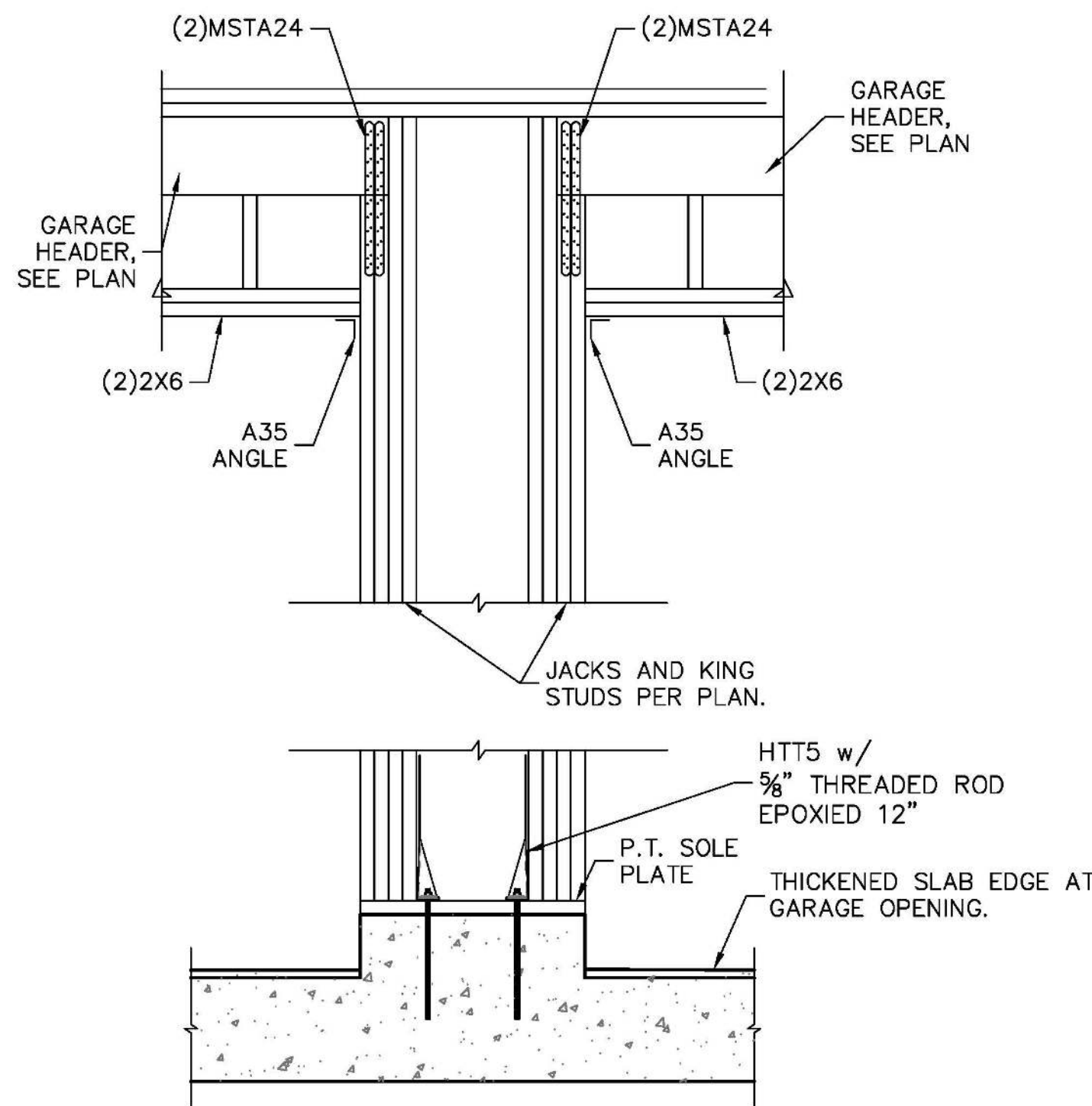
**FIELD ALTERATION**  
CONTRACTOR SHALL CONTACT SABO STRUCTURAL ENGINEERING PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING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

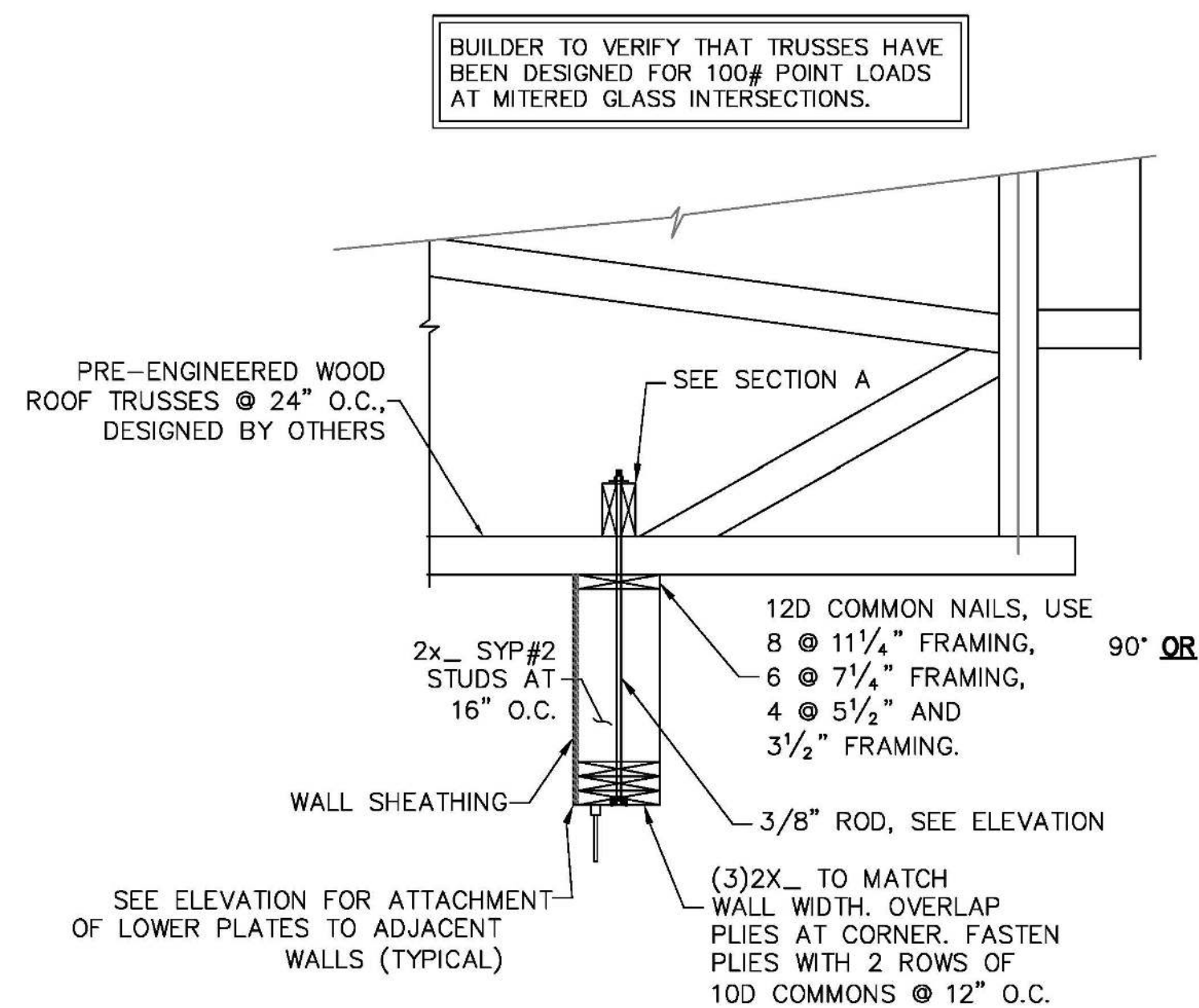
**TYPICAL FRAMING DETAILS**

SHEET  
**S0.1**  
SHEET 2 OF 7

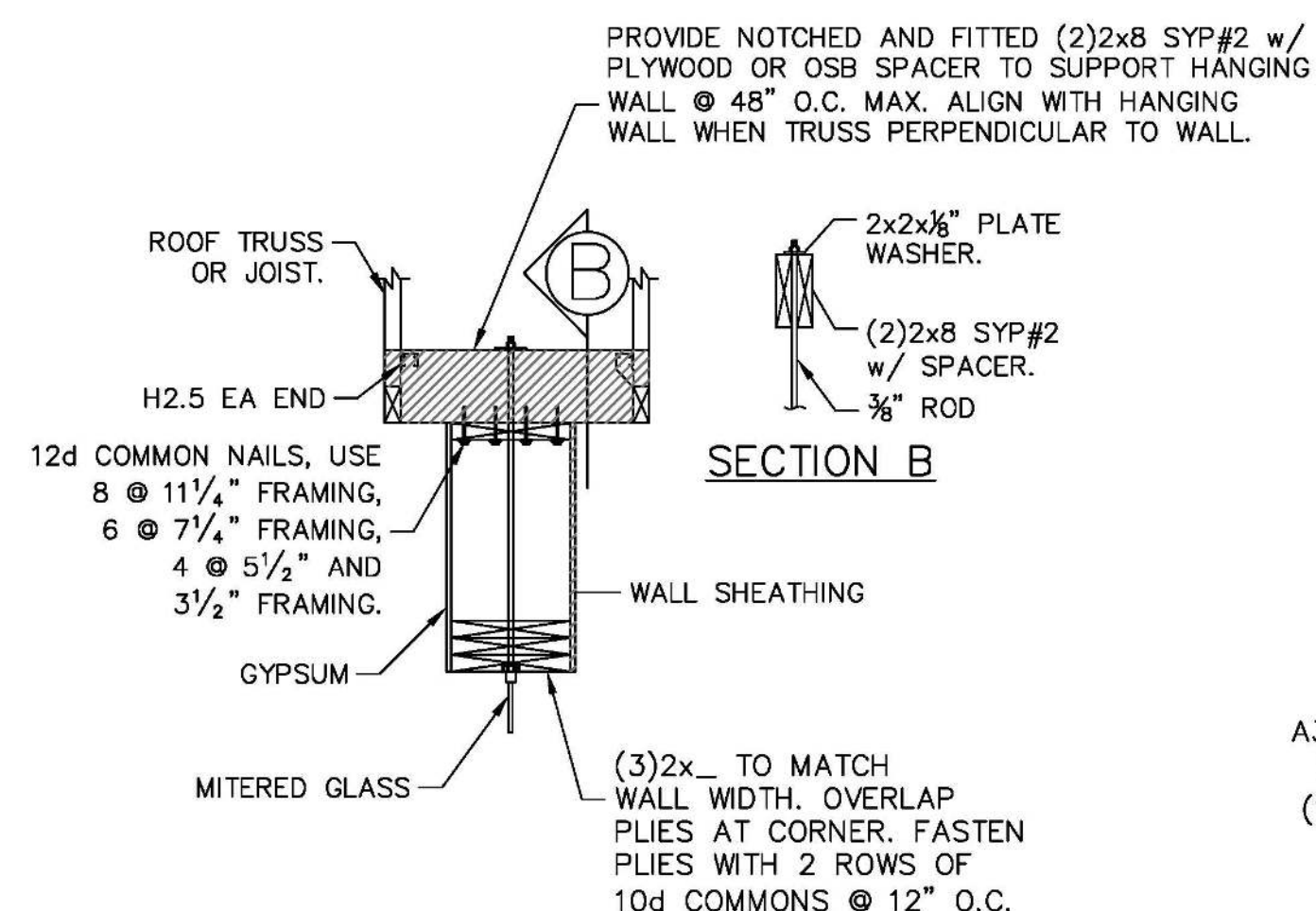




1 GARAGE CENTER WALL FRAMING  
S0.2 SCALE: 3/4" = 1'-0"

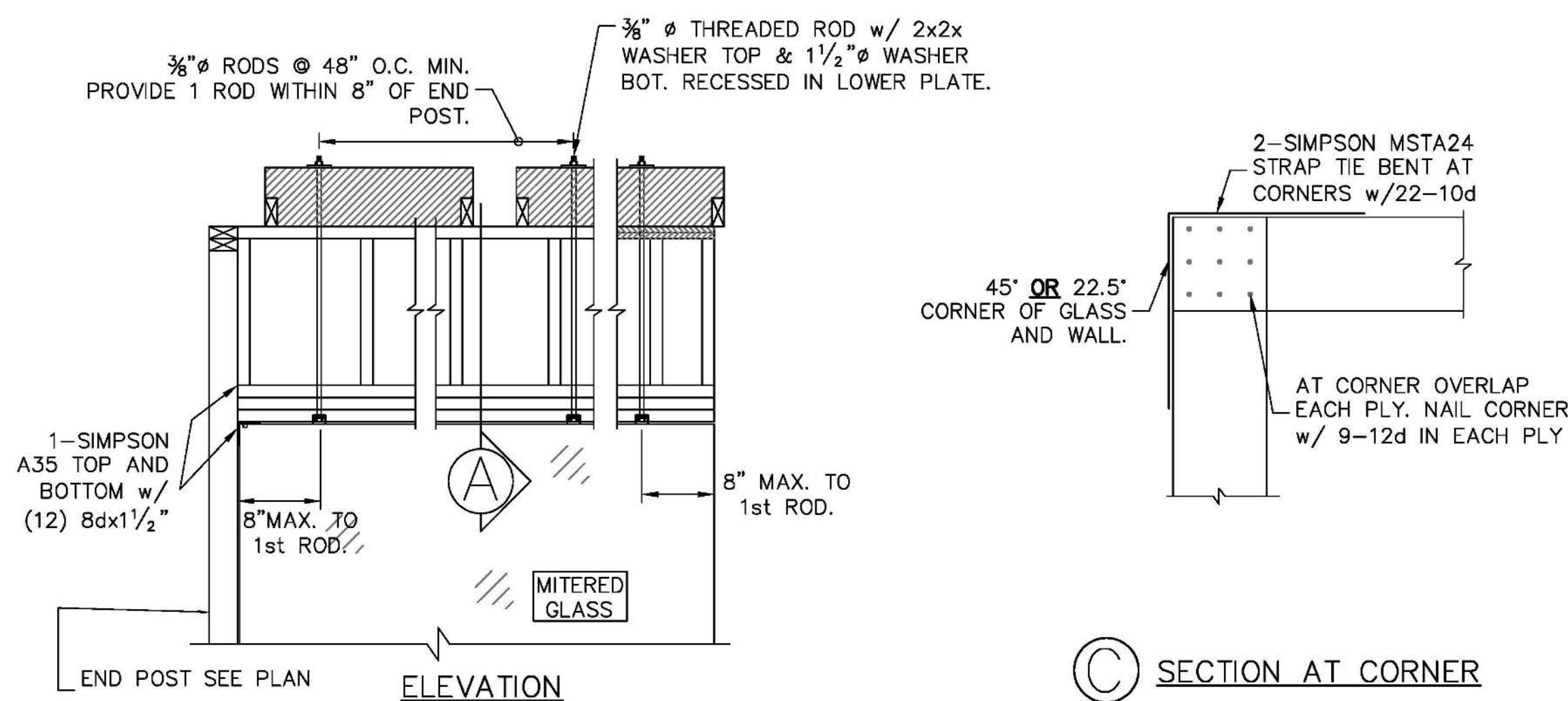


2 MITERED WINDOW HEAD FRAMING  
S0.2 SCALE: N.T.S.



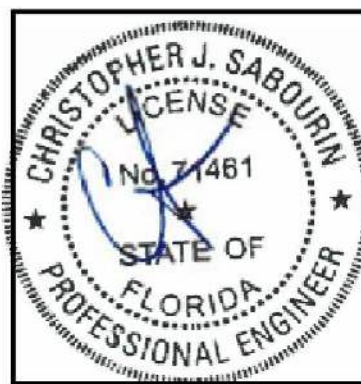
SECTION A

SECTION B



ELEVATION

SECTION AT CORNER



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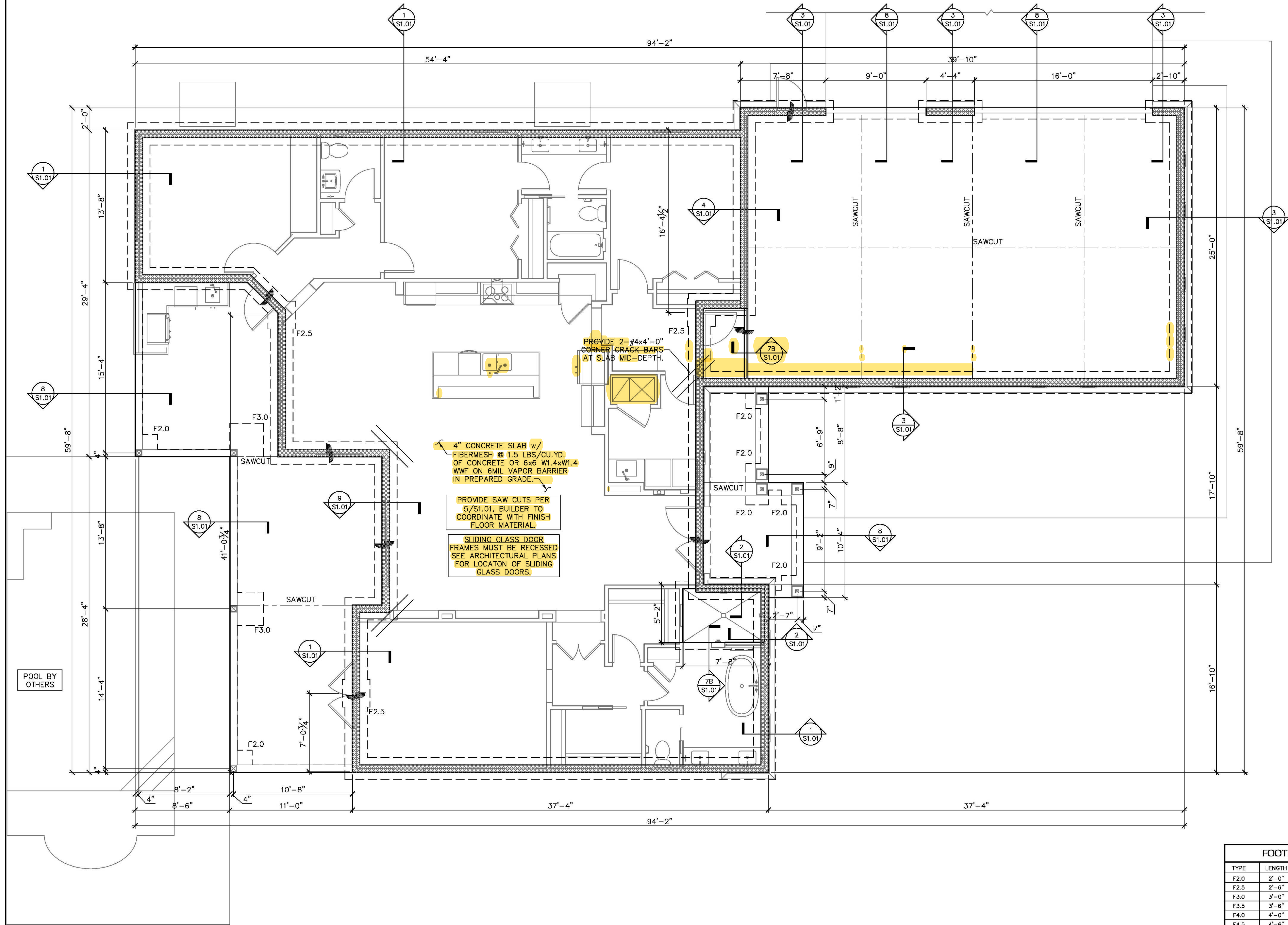
**FIELD ALTERATION**  
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MISC  
DETAILS

SHEET  
**S0.2**  
SHEET 3 OF 7

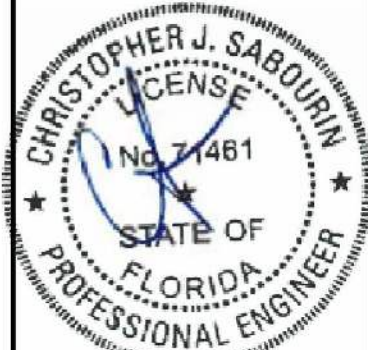




FOUNDATION PLAN

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

SYMBOLS LEGEND	
----	DESIGNATES FOOTING LINE
- - - -	DESIGNATES SAWCUT LINE
	STEM WALL
	DESIGNATES SLAB RECESS



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FOUNDATION  
PLAN

SHEET  
**S1.0**  
SHEET 4 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. FTOS. & 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.





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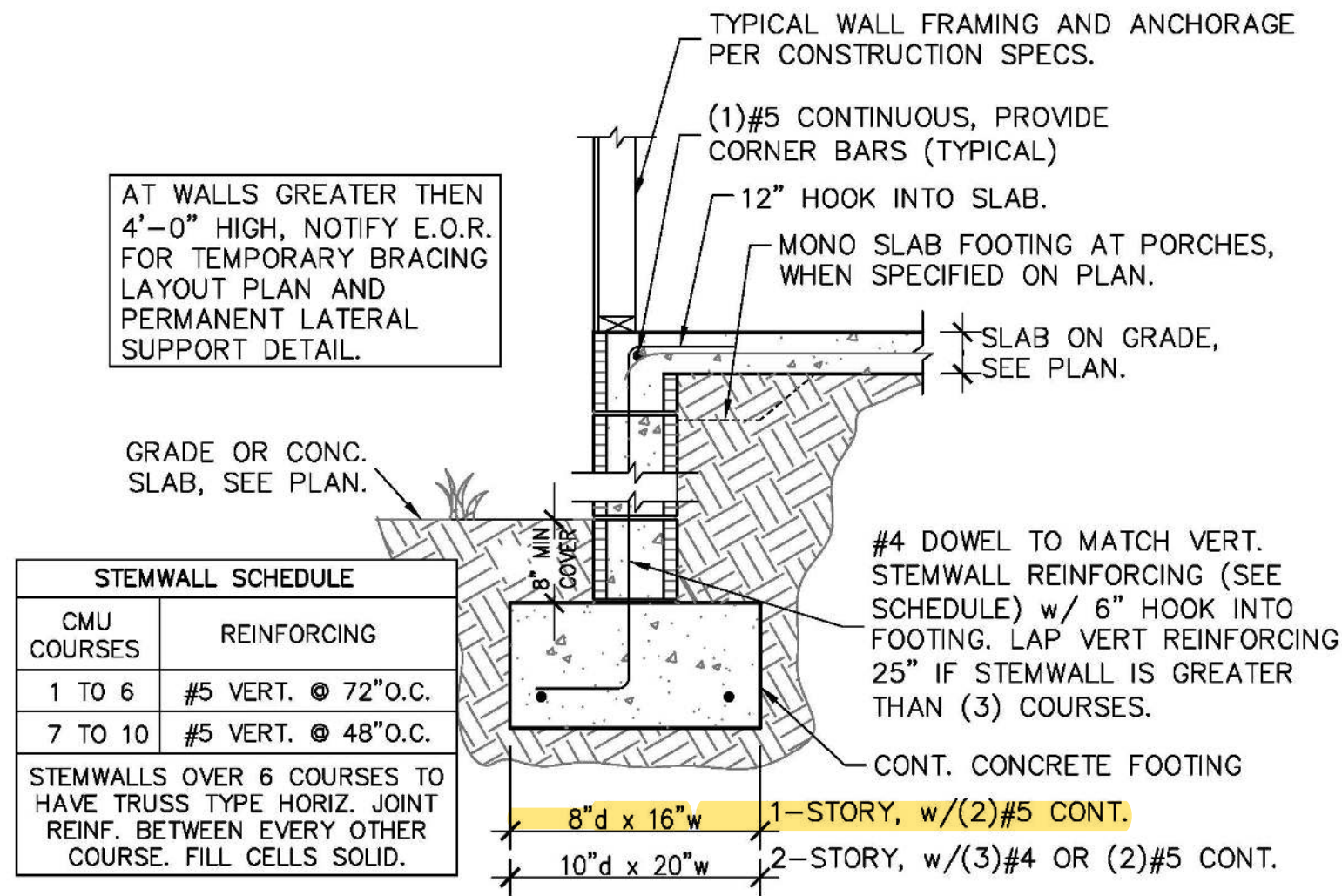
STRUCTURAL ENGINEERING FOR  
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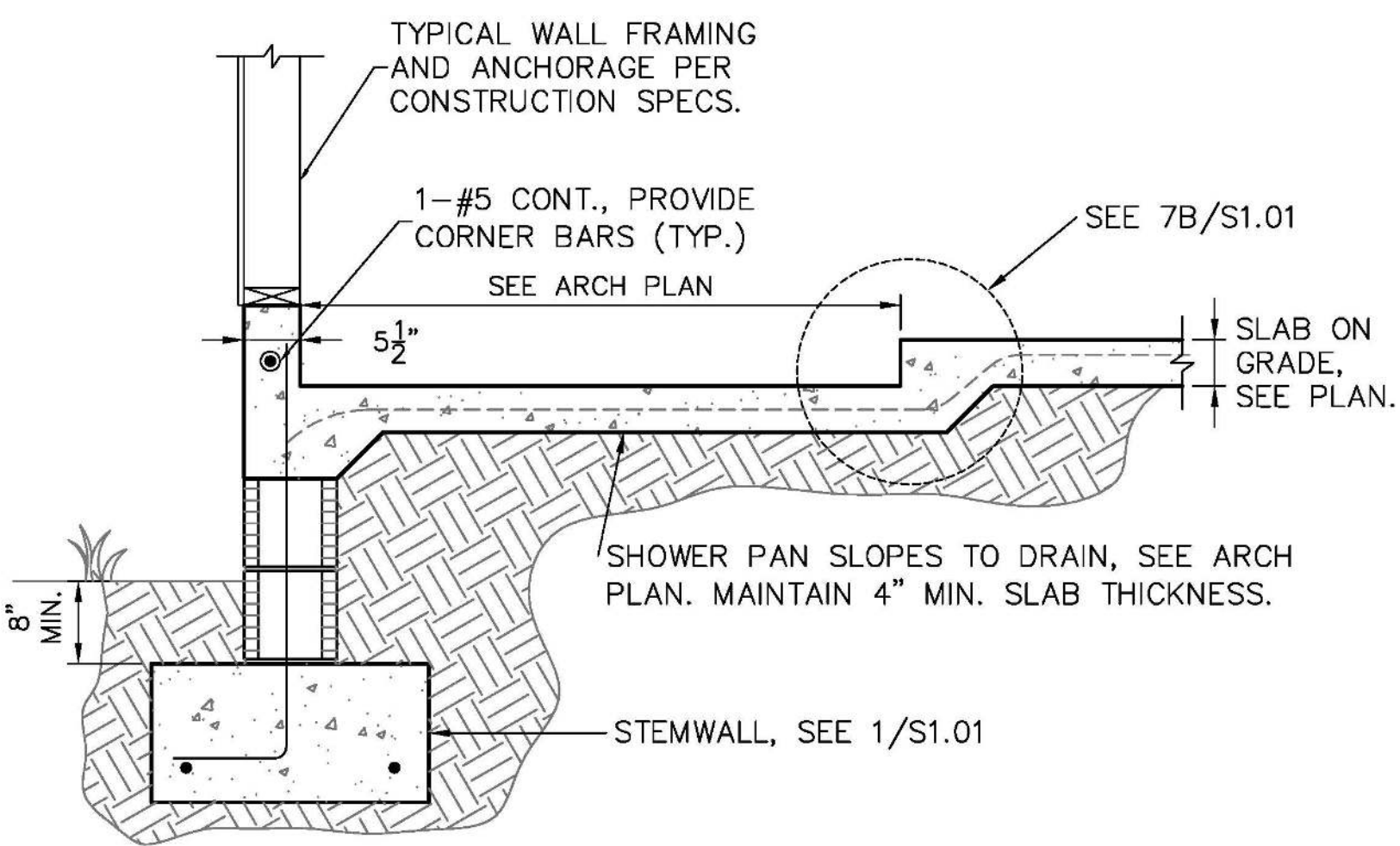
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FOUNDATION  
DETAILS

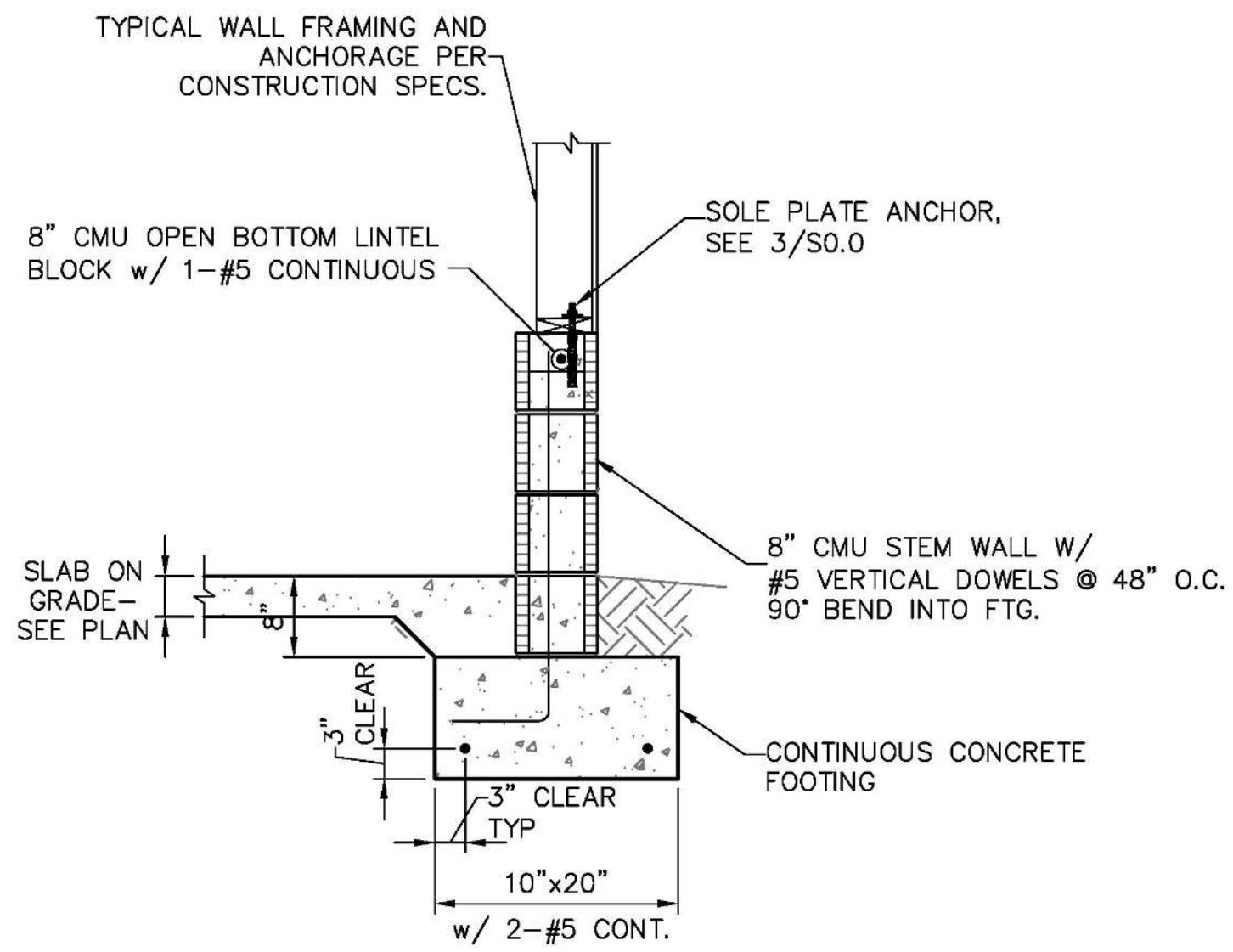
SHEET  
**S1.01**  
SHEET 5 OF 7



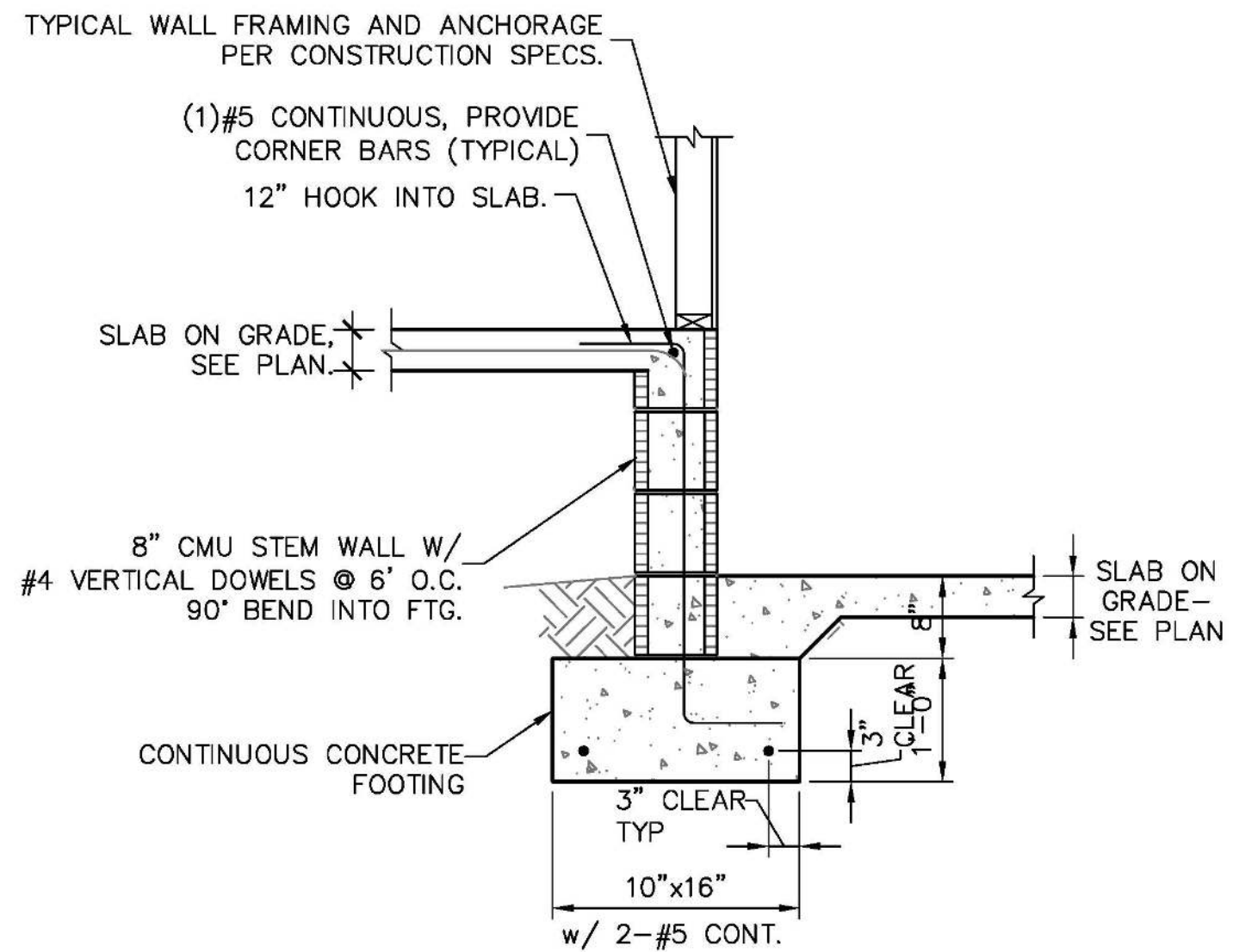
1 STEMWALL FOOTING  
S1.01 SCALE: 3/4" = 1'-0"



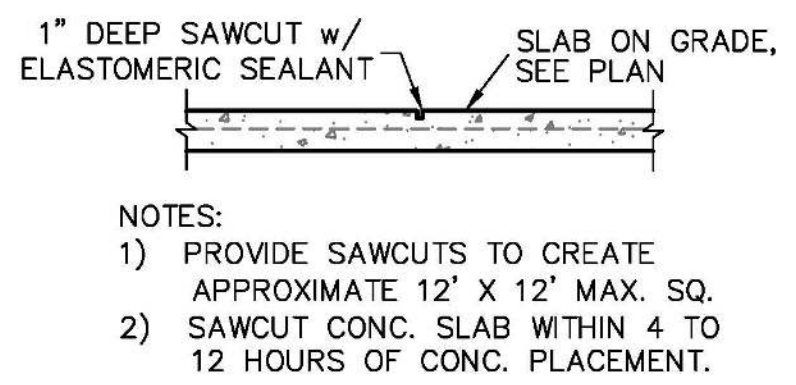
2 FOOTING W/ SHOWER RECESS  
S1.01 SCALE: 3/4" = 1'-0"



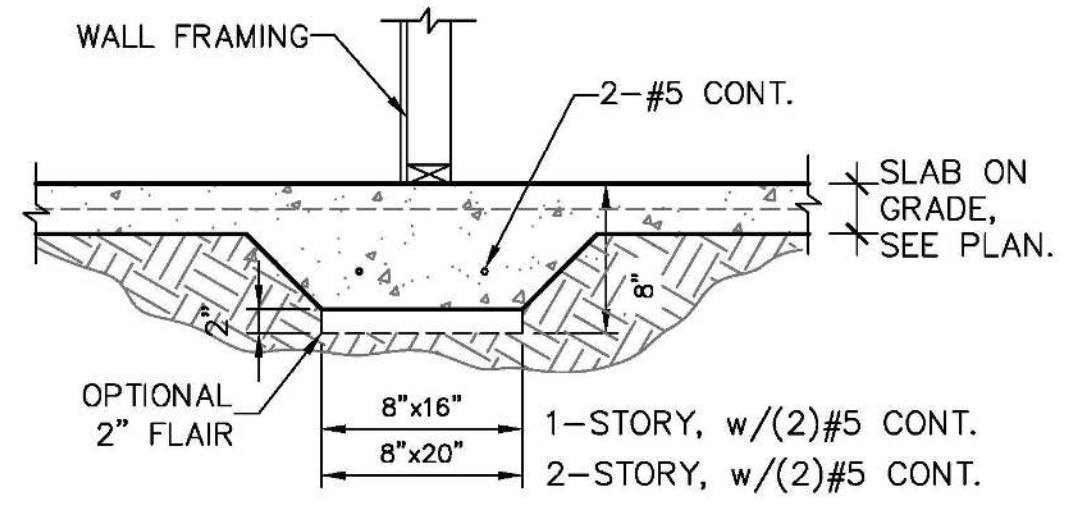
3 GARAGE STEM WALL  
S1.01 SCALE: 3/4" = 1'-0"



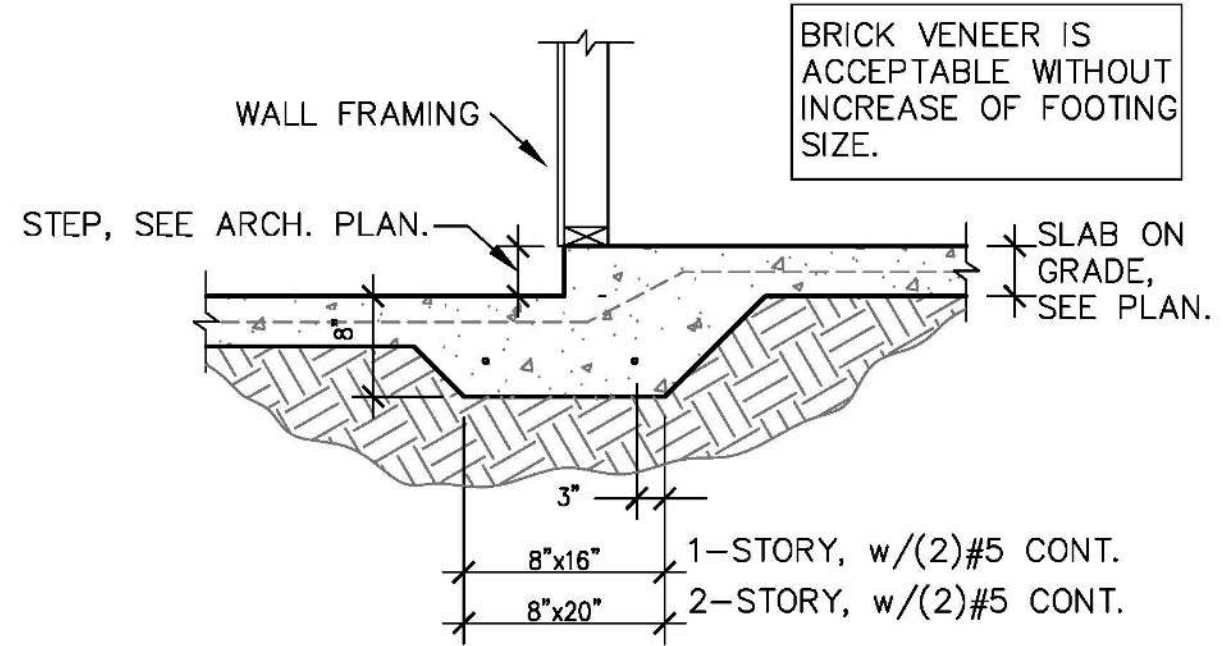
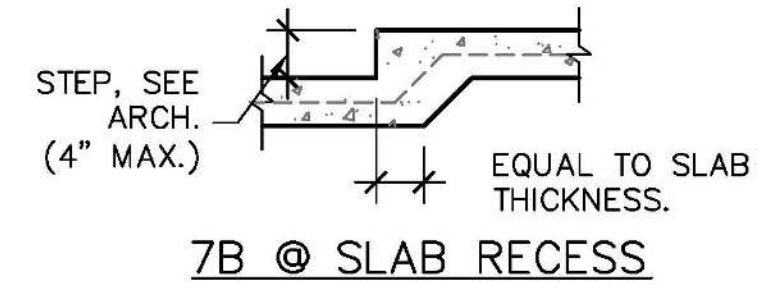
4 STEMWALL AT GARAGE  
S1.01 SCALE: 3/4" = 1'-0"



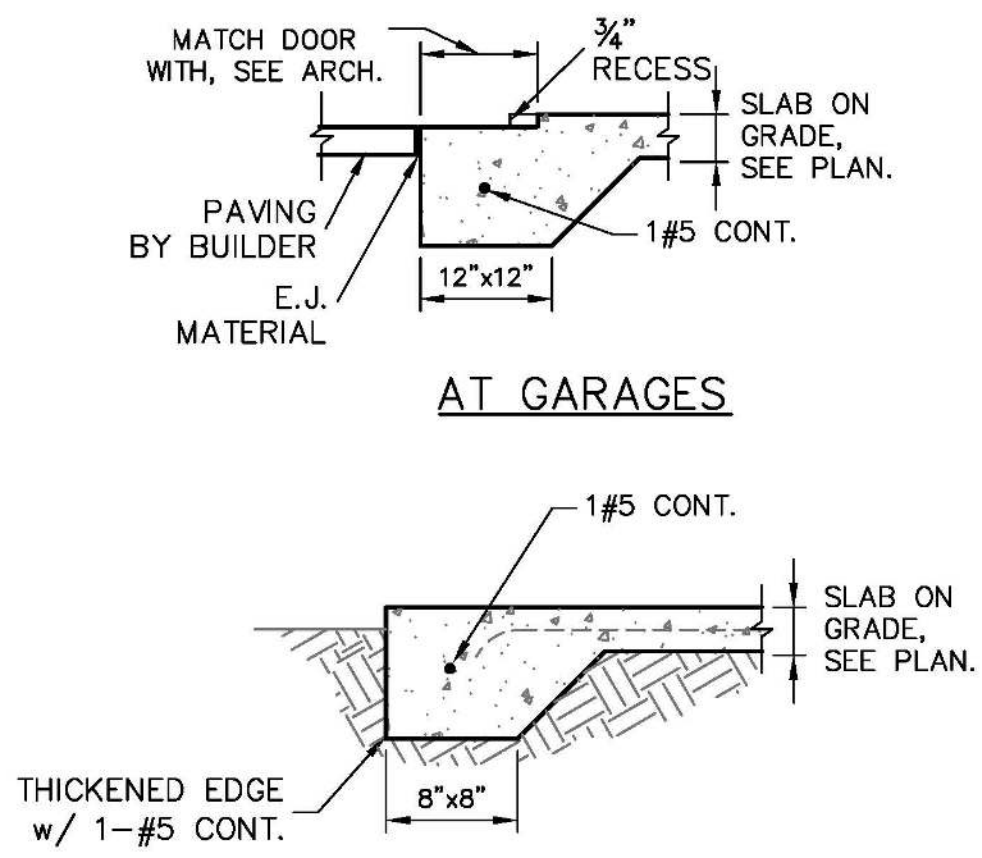
5 SAW CUT DETAIL  
S1.01 SCALE: 3/4" = 1'-0"



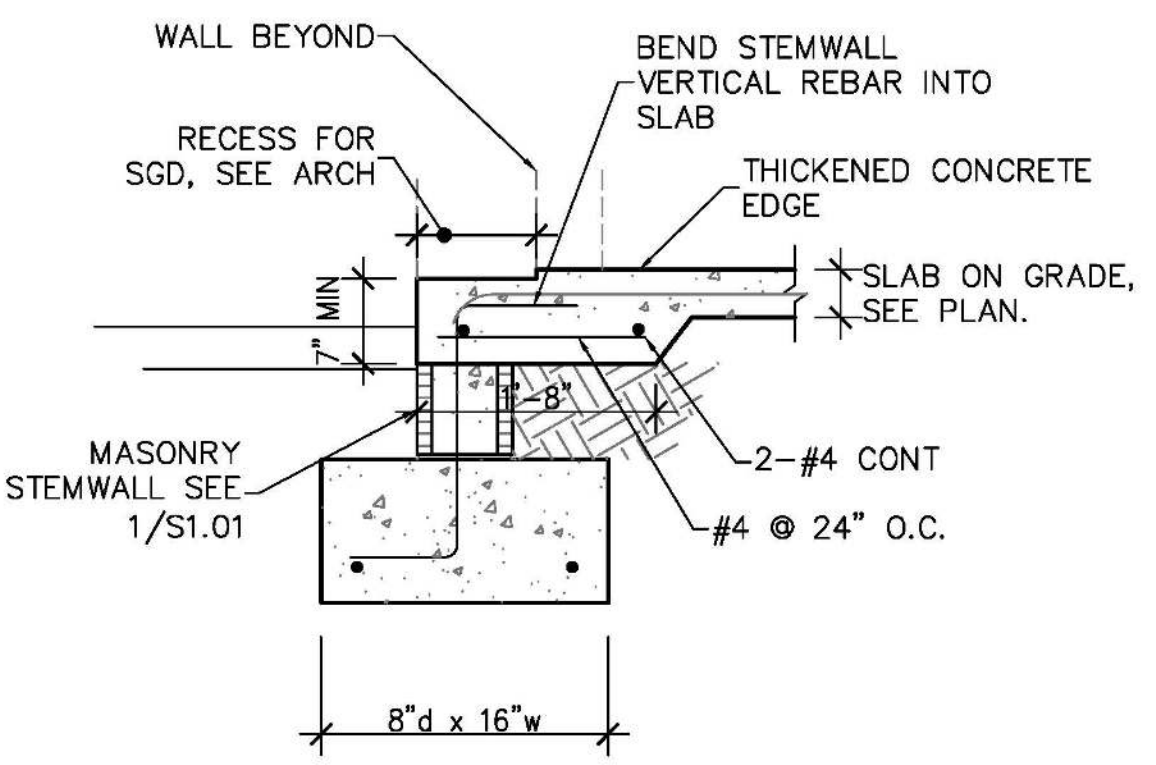
6 BEARING AT INTERIOR  
S1.01 SCALE: 3/4" = 1'-0"



7 MONO. FOOTING AT STEP-DOWN  
S1.01 SCALE: 3/4" = 1'-0"

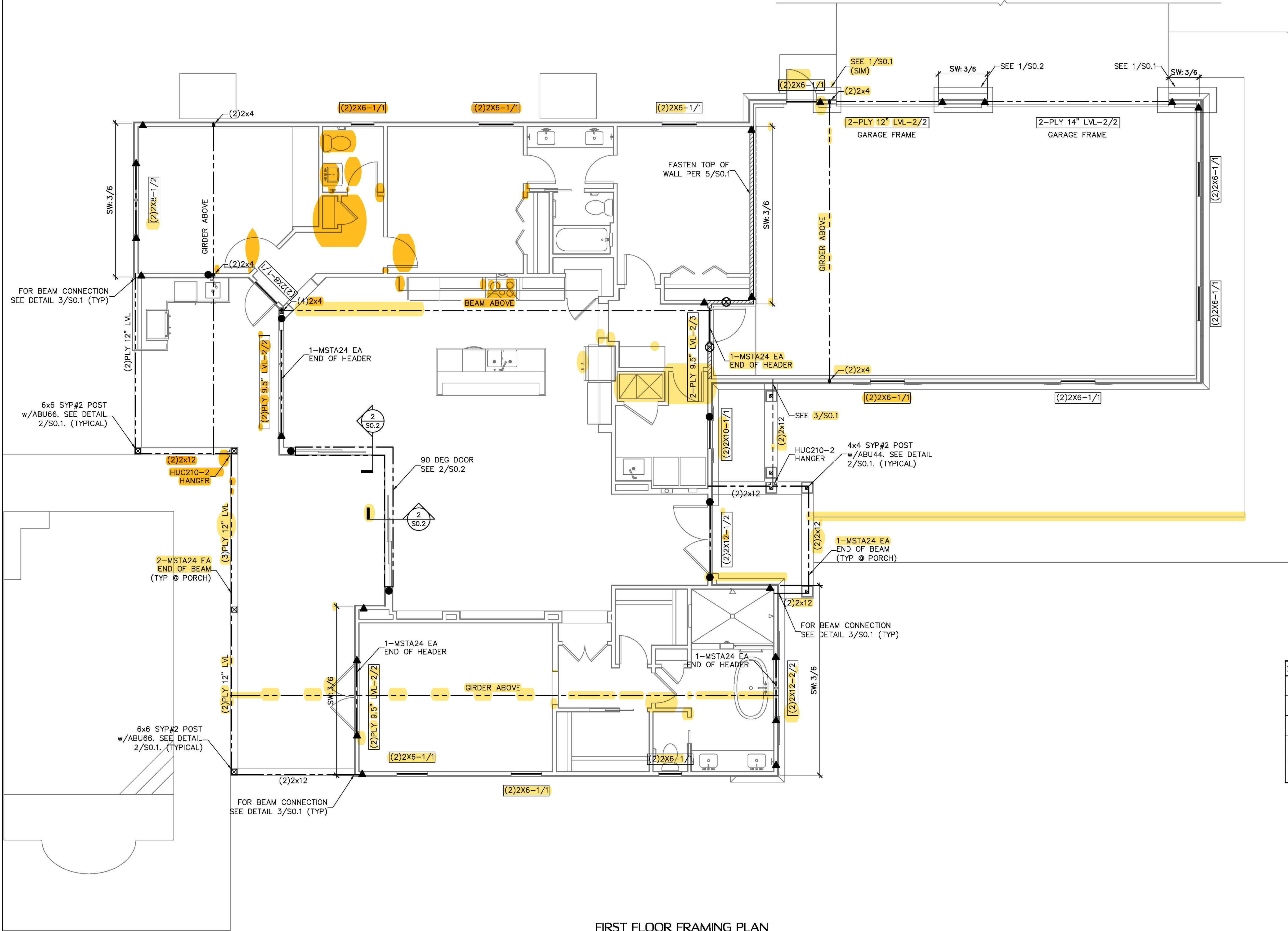


8 THICKENED SLAB  
S1.01 SCALE: 3/4" = 1'-0"



9 STEMWALL FOOTING AT SLIDER  
S1.01 SCALE: 3/4" = 1'-0"





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 8d COMMONS @ 3" O.C. EDGE & 8" O.C. "IN THE FIELD"
	DESIGNATES THE HEADER SIZE, NUMBER OF PLYS & JACK/KING STUDS NEEDED FOR SUPPORT HEADER.
	BEAM OR TRUSS, SEE PLAN

ANCHOR LEGEND

	3/8" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 12/SO.1
	3/8" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 12/SO.1
	3/8" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 12/SO.1
	3/8" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 12/SO.1
	SIMPSON HTTS SEE DETAIL 15/SO.1
	SIMPSON DT22 SEE DETAIL 15/SO.1
	SIMPSON LT20B SEE DETAIL 15/SO.1

WALL STUD SCHEDULE

LOCATION	PLATE HEIGHT	STUD SIZE & SPACING
EXTERIOR	8'-1" MAX	2x4 SPF#2 @ 16" O.C.
EXTERIOR	10'-1" MAX	2x6 SPF#2 @ 16" O.C. OR 2x4 SPF#2 @ 12" O.C.
EXTERIOR	10'-1" TO 14'-0"	2x6 SPF#2 @ 16" O.C.
INTERIOR	10'-0" MAX	2x4 SPF#2 @ 16" O.C.
INTERIOR	12'-0" MAX	2x6 SPF#2 @ 16" O.C. OR 2x4 SPF#2 @ 12" O.C.

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/16s MASONRY OUT NAILS @ 16" O.C. MINIMUM. SEE 3/SO.0 FOR ADDITIONAL ANCHORS AT SHEARWALLS.

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.

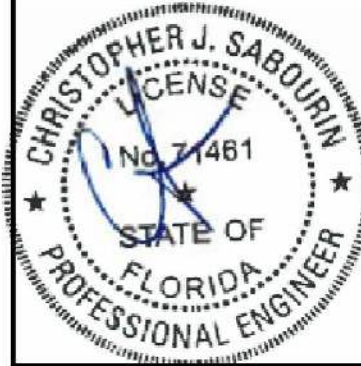
GENERAL NOTES

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 PLYS.
2. SEE SHEET S0.0 FOR ROOF AND FLOOR SHEATHING SPECIFICATIONS.
3. WHERE FRAMING MEMBERS CONSIST OF MULTIPLE PLYS (BEAMS, HEADER, AND STUDS) FASTEN PLYS 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" O.C.
SHEARWALLS (SW 8d@3"/6")	24" O.C.
	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" = 36" ON-CENTER SPACING



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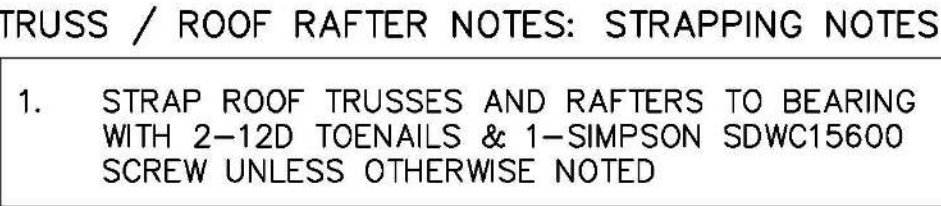
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FIRST FLOOR  
FRAMING  
PLAN

SHEET  
**S1.1**  
SHEET 6 OF 7





## ROOF TRUSS PLACEMENT PLAN

	
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SSE No. 21-0097	
ISSUE	DATE
PERMIT	03.16.21
REVISIONS	DATE
STRUCTURAL ENGINEERING FOR THE FORBES 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.	
ROOF TRUSS PLACEMENT	