

10.06.21
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PLAN NAME
BZEC
SSE No.
21-0514

ISSUE	DATE
PERMIT	10.06.21
REVISIONS	DATE

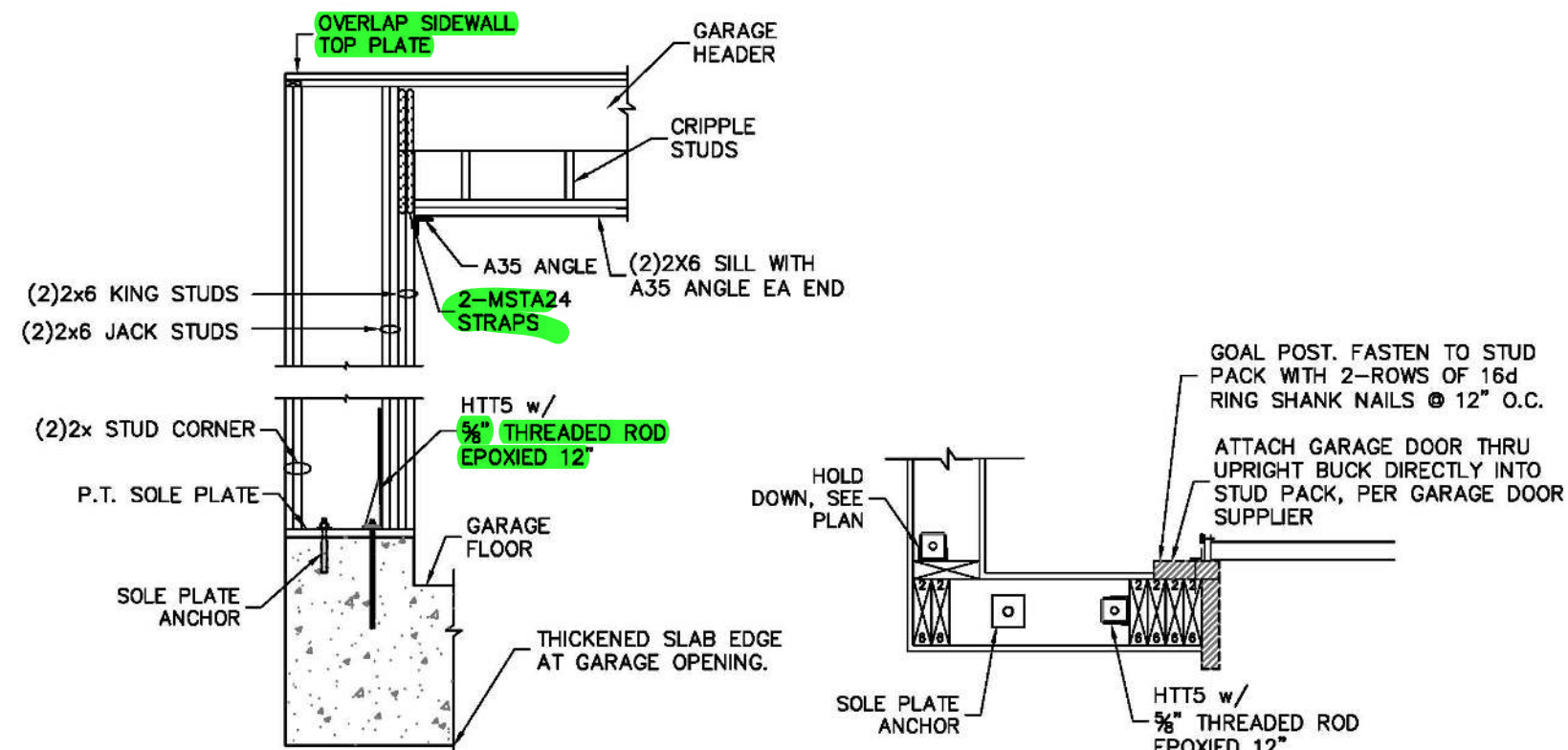
STRUCTURAL ENGINEERING FOR
THE SHELLEY RESIDENCE

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
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TYPICAL
FRAMING
DETAILS

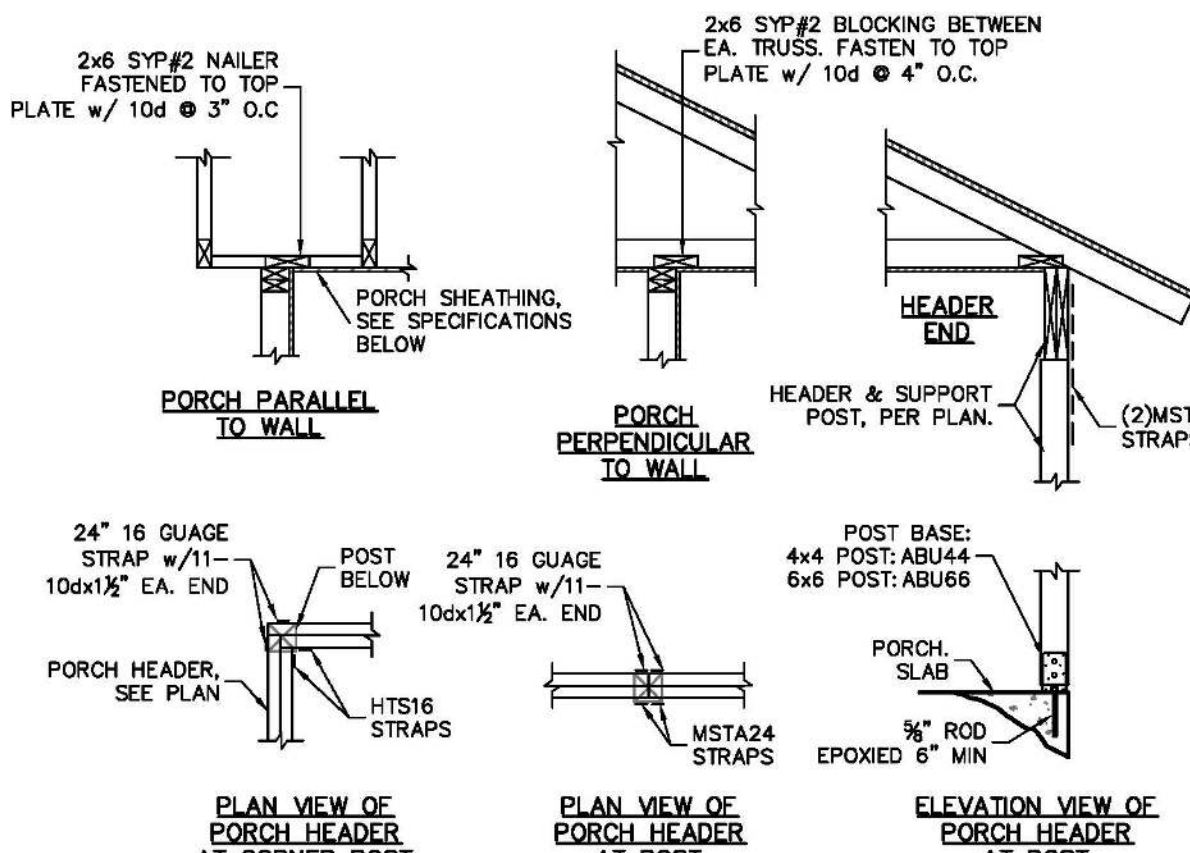
SHEET
S0.1
SHEET 2 OF 7



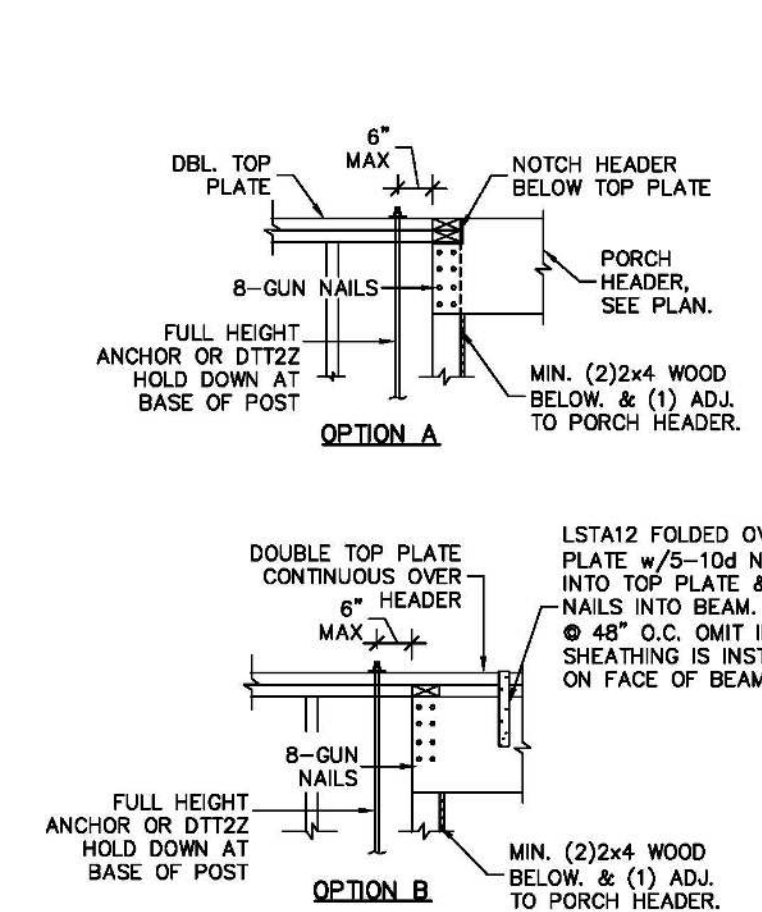
GARAGE WING WALL ELEVATION

GARAGE WING WALL SECTION

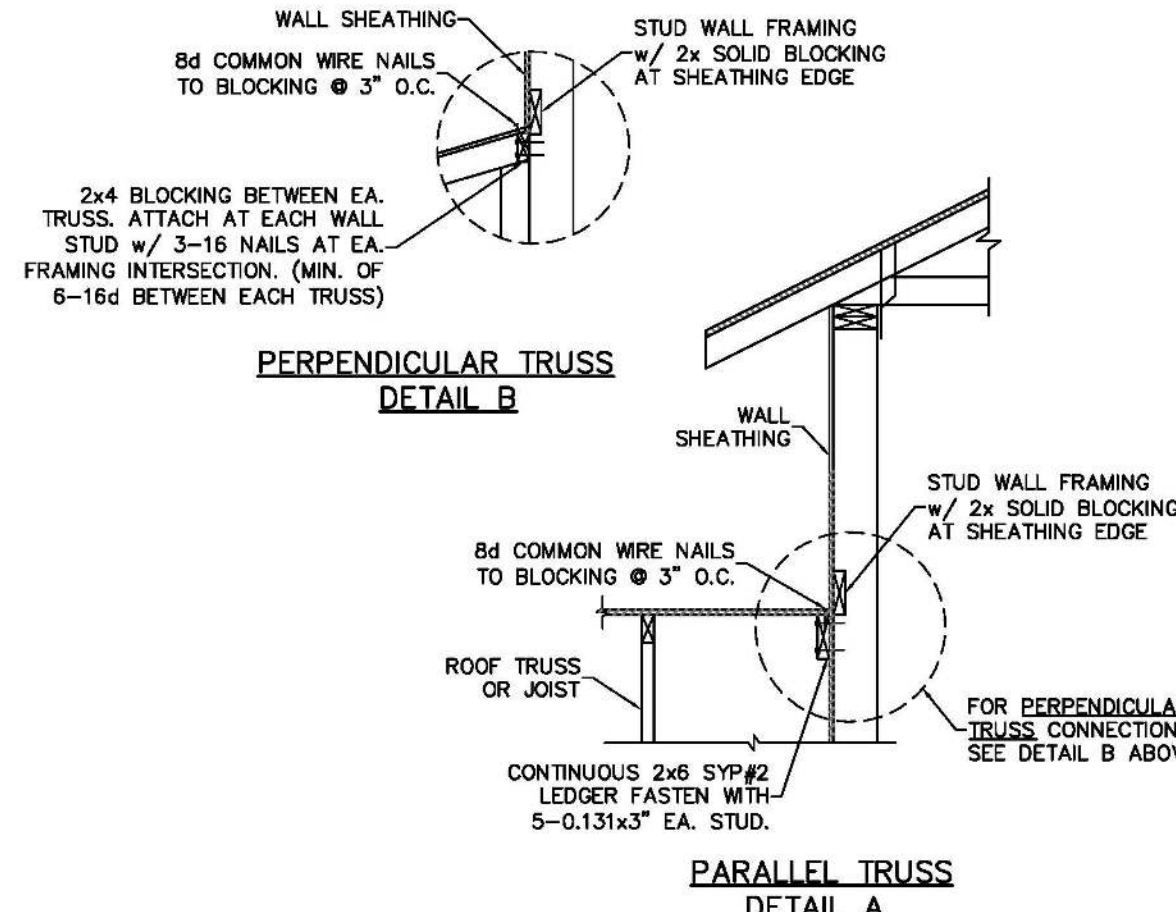
1
S0.1
GARAGE HEADER FRAMING
SCALE: N.T.S.



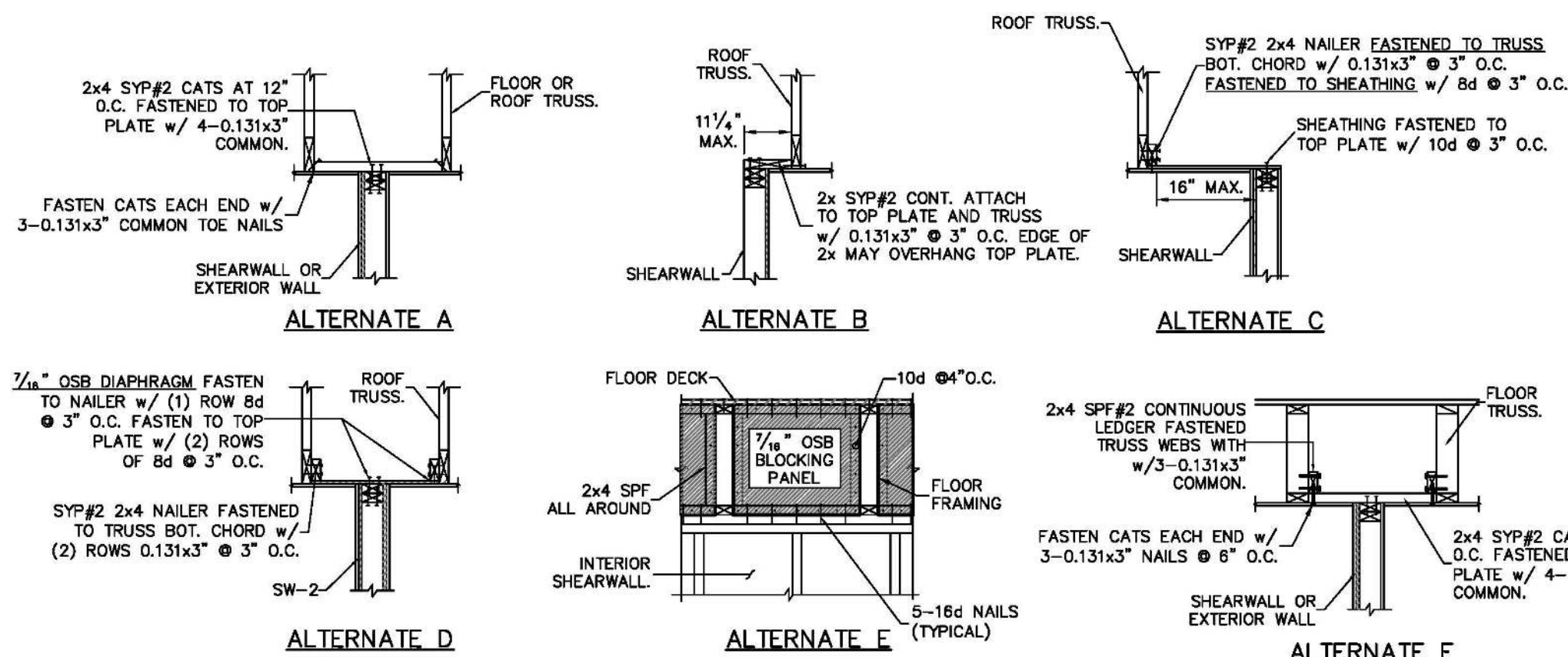
2
S0.1
TYPICAL PORCH FRAMING DETAILS
SCALE: N.T.S.



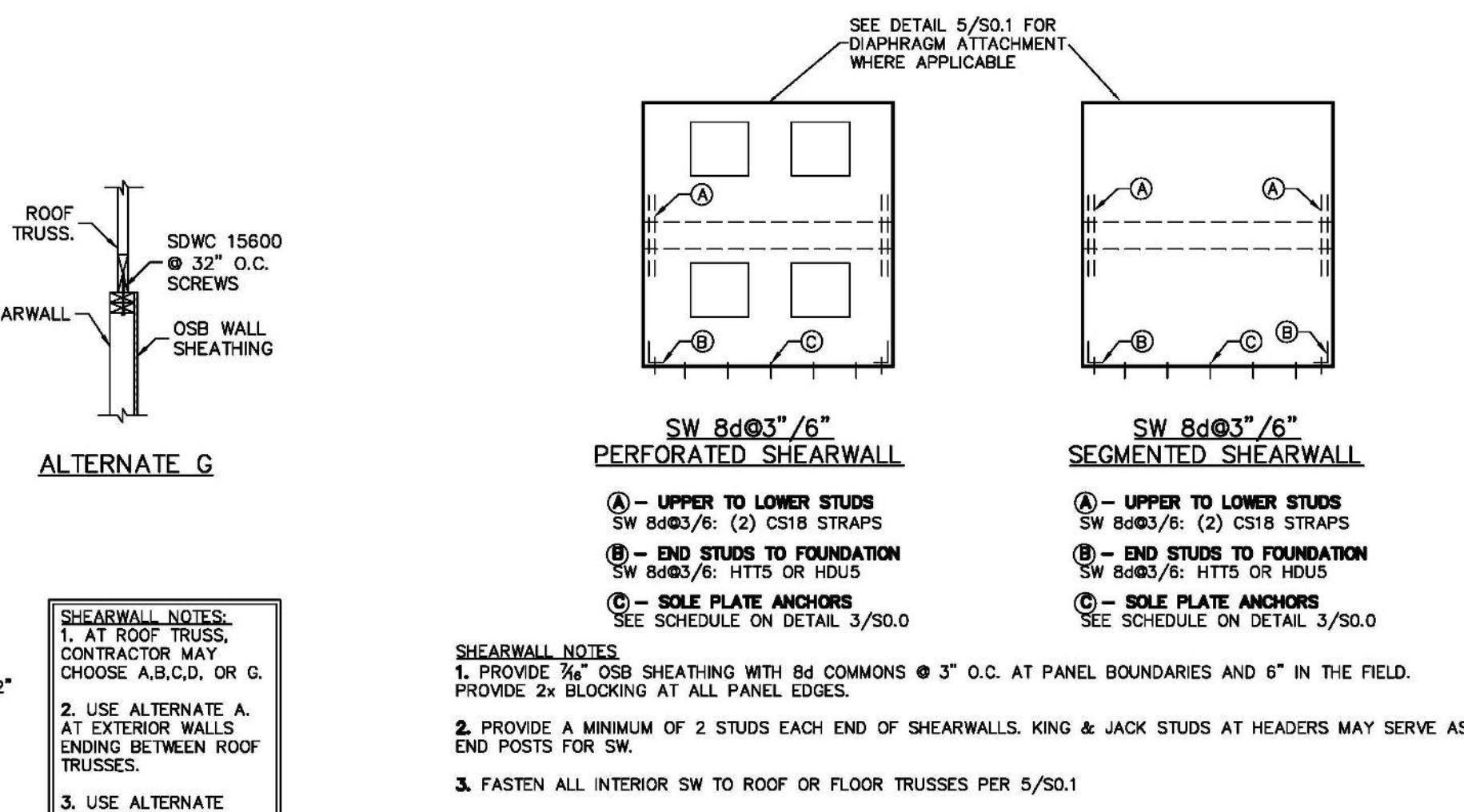
3
S0.1
TYPICAL PORCH BEAM CONNECTION
SCALE: N.T.S.



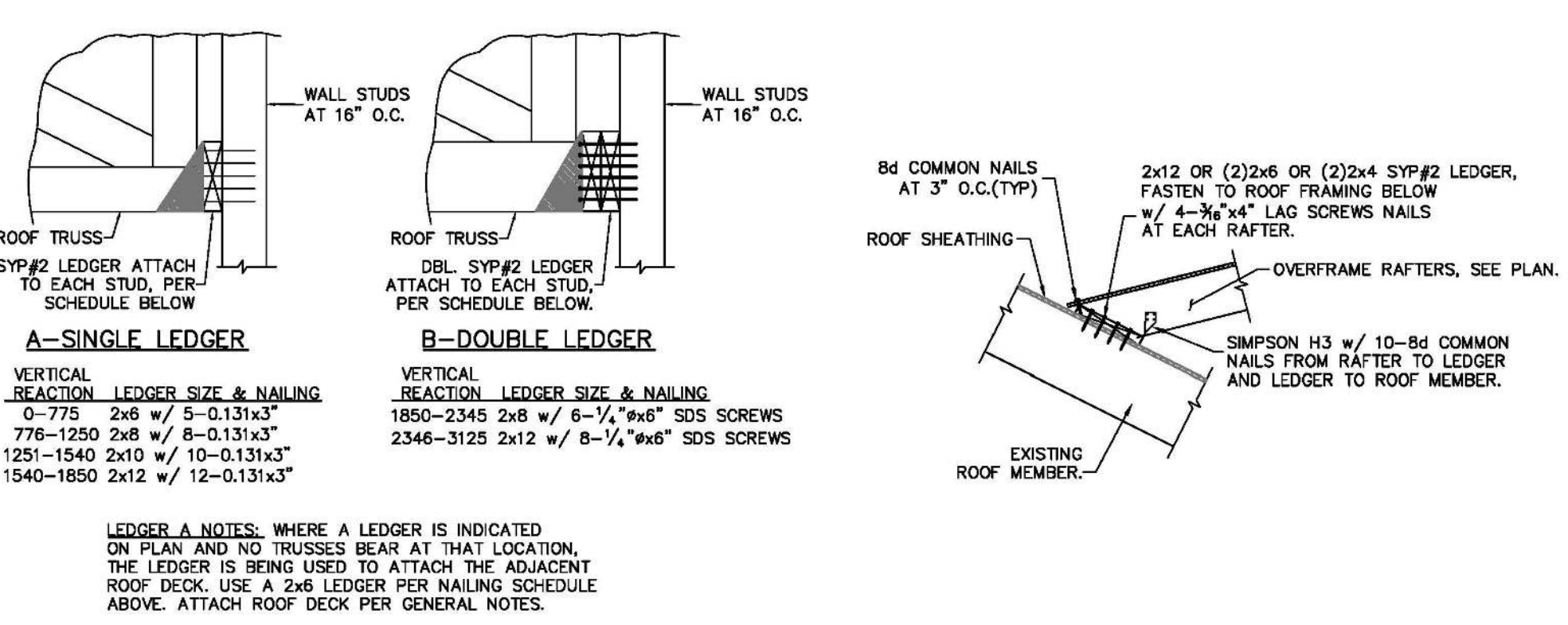
4
S0.1
WALL ADJ. TO ROOF CONNECTION
SCALE: N.T.S.



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

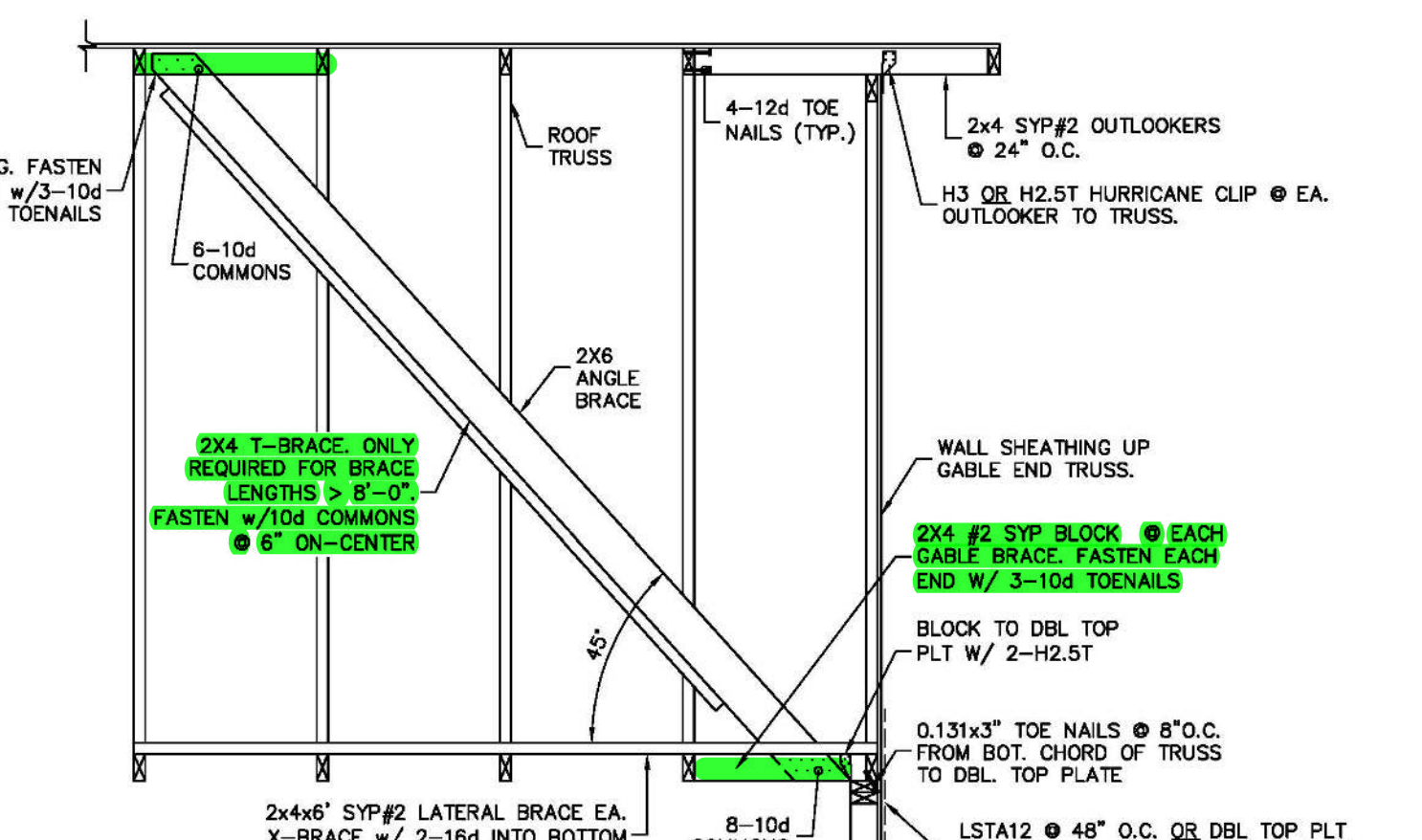


6
S0.1
TYPICAL SHEARWALL ELEVATION
SCALE: N.T.S.

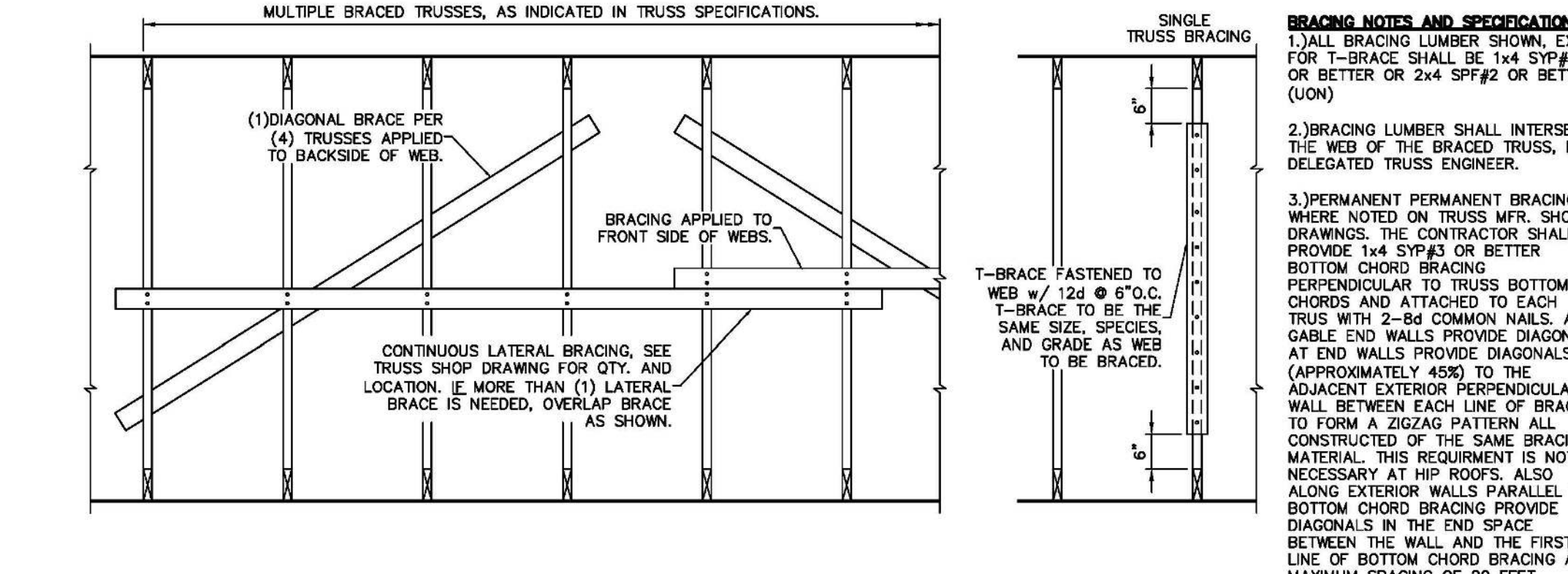


8
S0.1
LEDGER CONNECTION
SCALE: N.T.S.

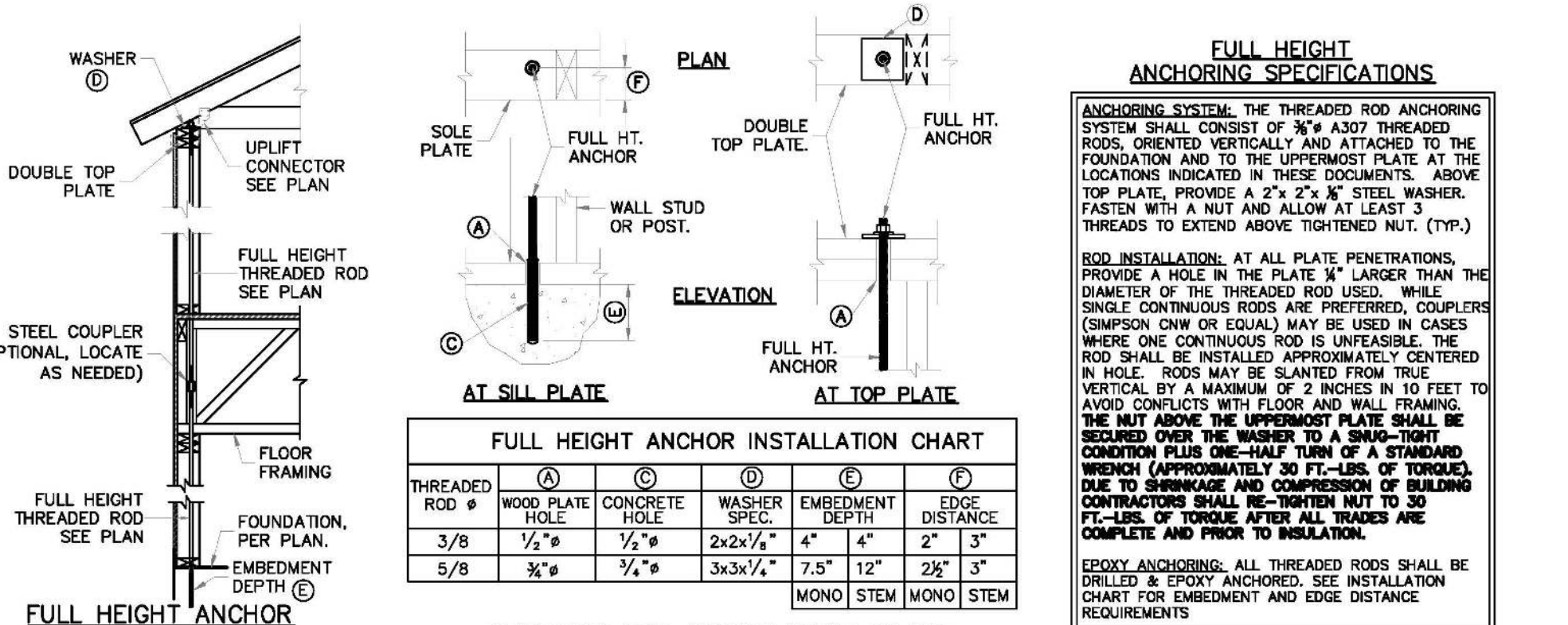
9
S0.1
DECK LEDGER AT OVERFRAME RAFTERS
SCALE: N.T.S.



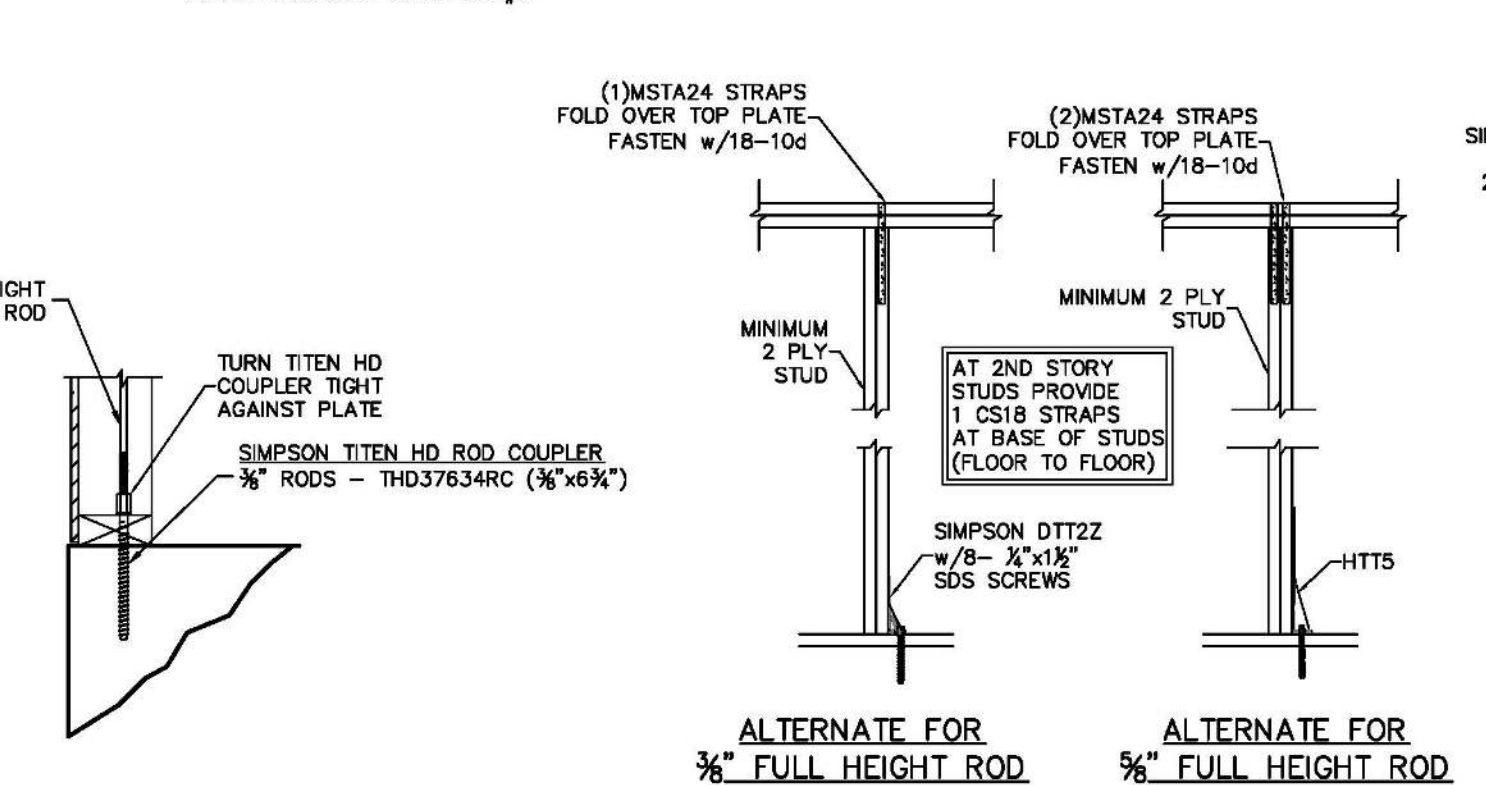
10
S0.1
GABLE END BRACING
SCALE: N.T.S.



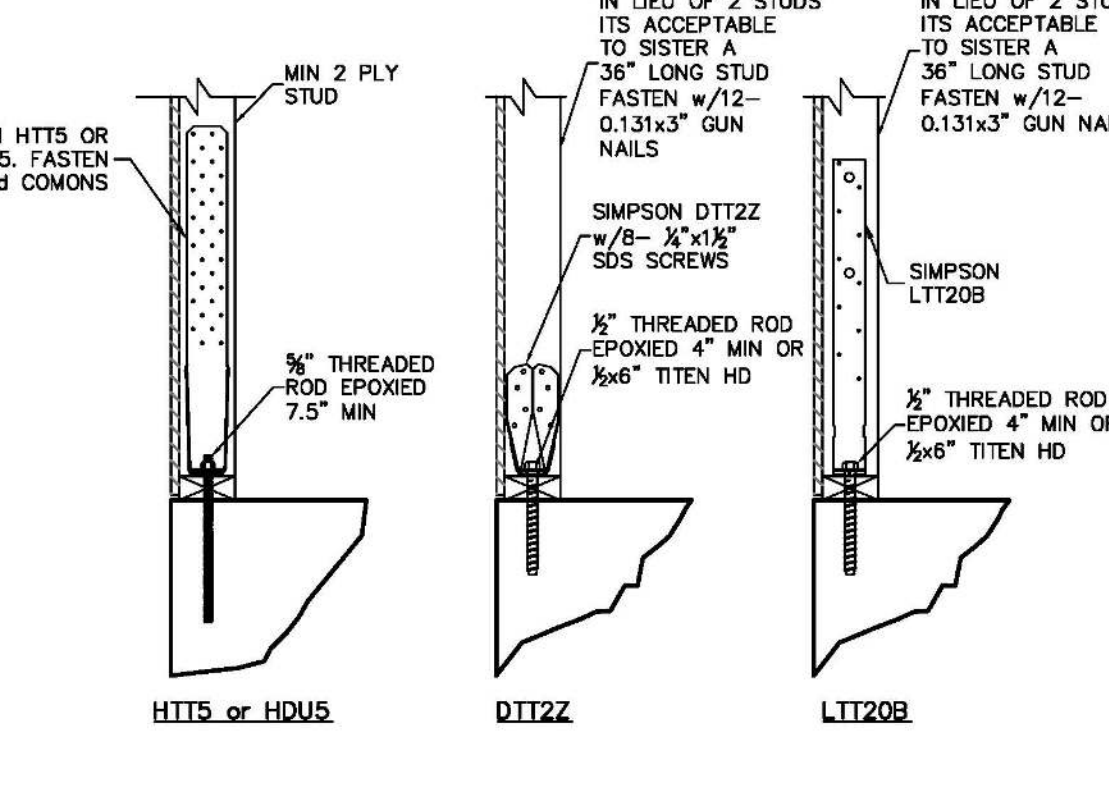
11
S0.1
PERMANENT TRUSS BRACING
SCALE: 3/4" = 1'-0"



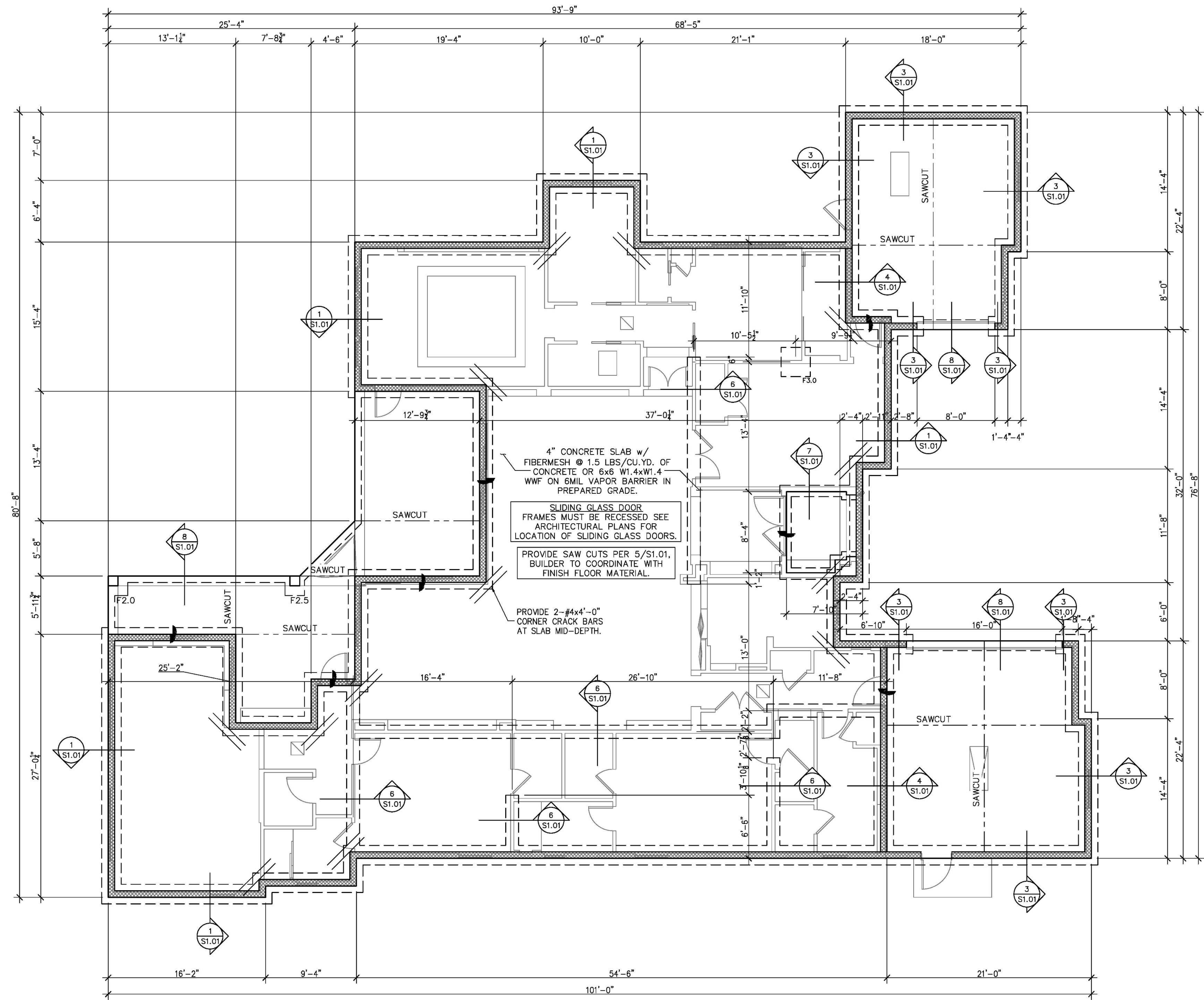
12
S0.1
FULL HEIGHT WOOD FRAME WALL ANCHORING SYSTEM
SCALE: N.T.S.



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

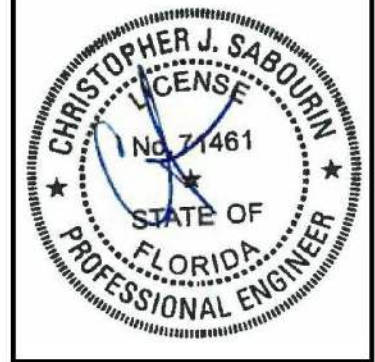


15
S0.1
HOLD DOWN ATTACHMENT DETAIL
SCALE: N.T.S.



FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

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



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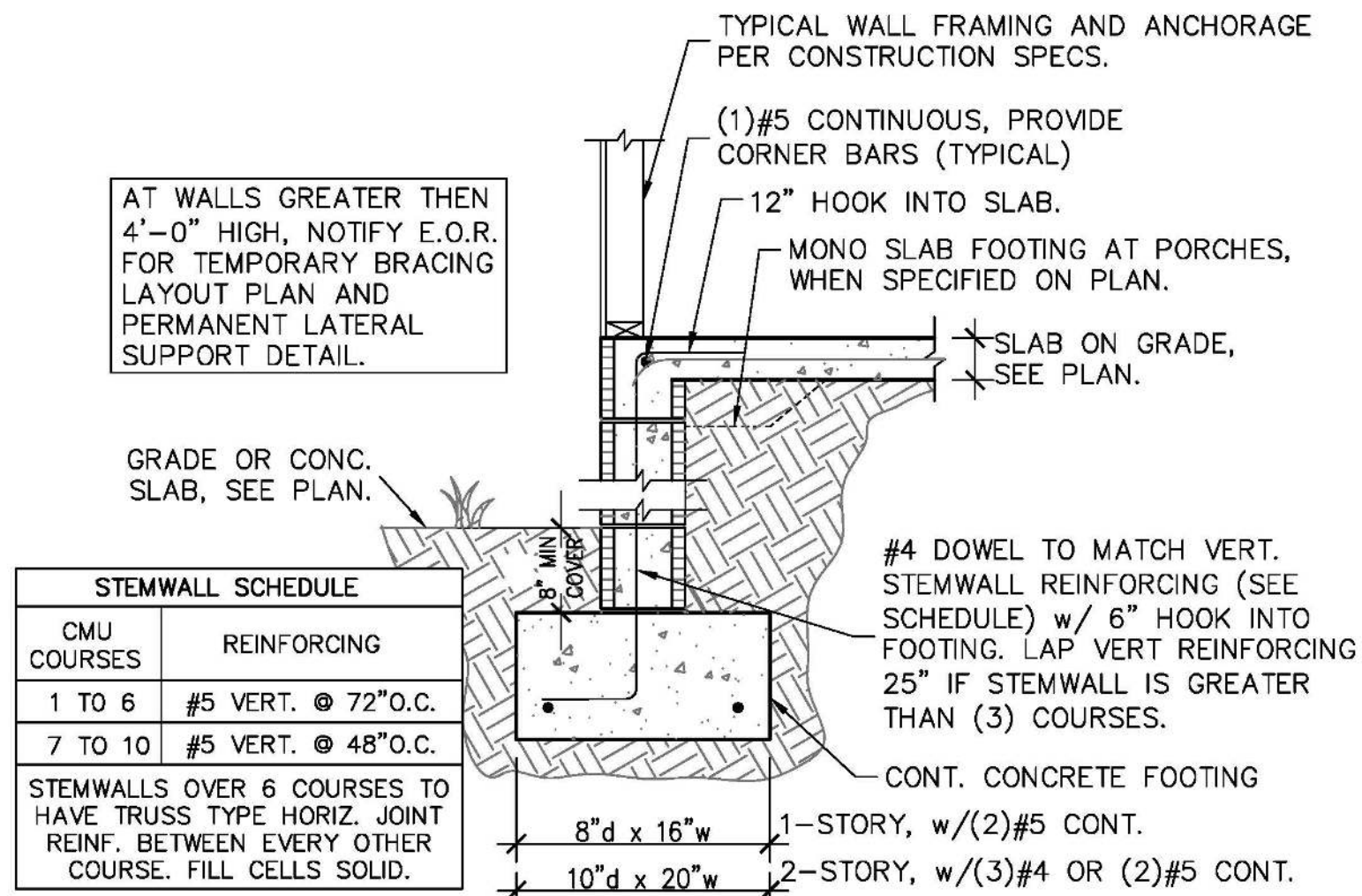
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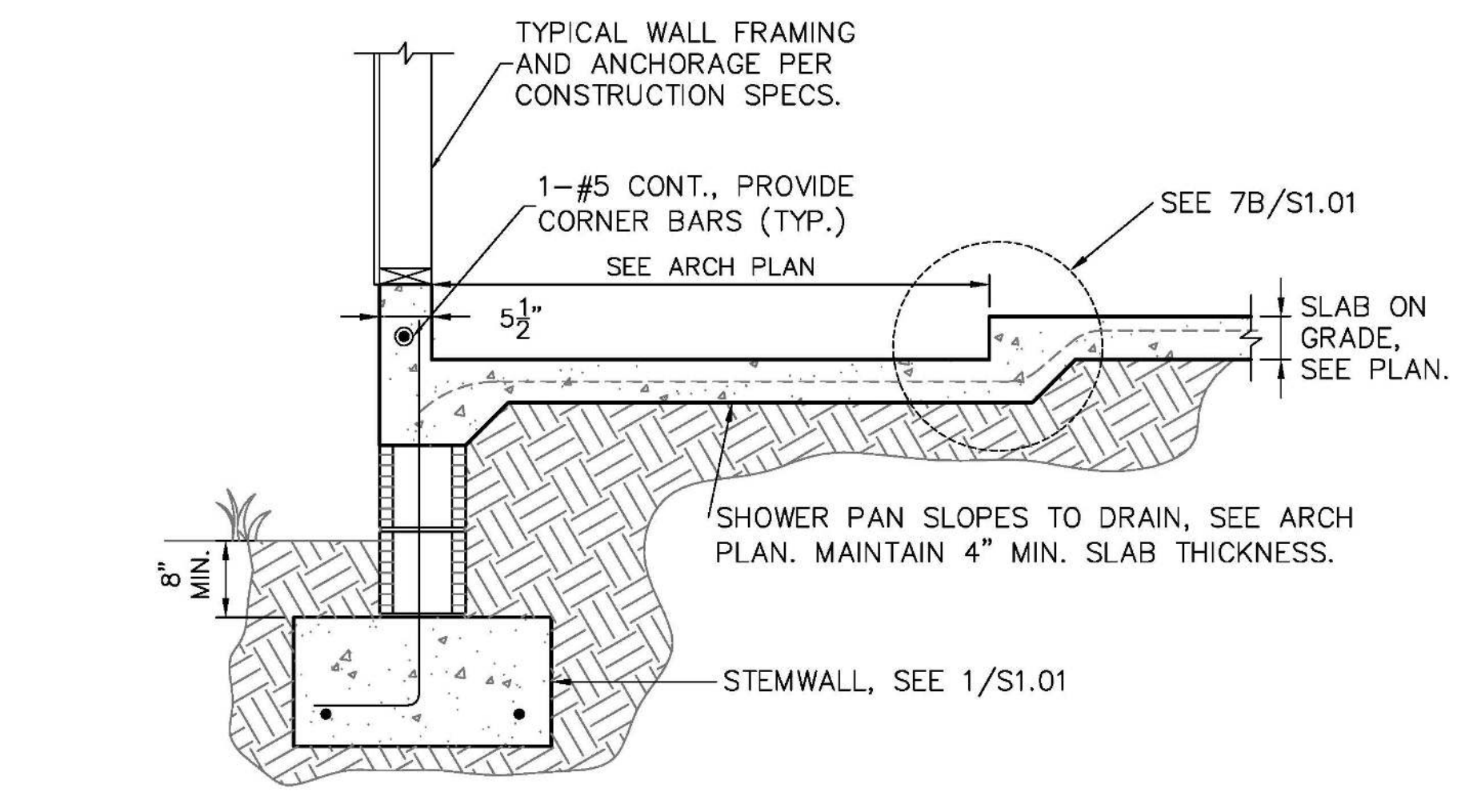
FOUNDATION
PLAN

SHEET
S1.0
SHEET 3 OF 7

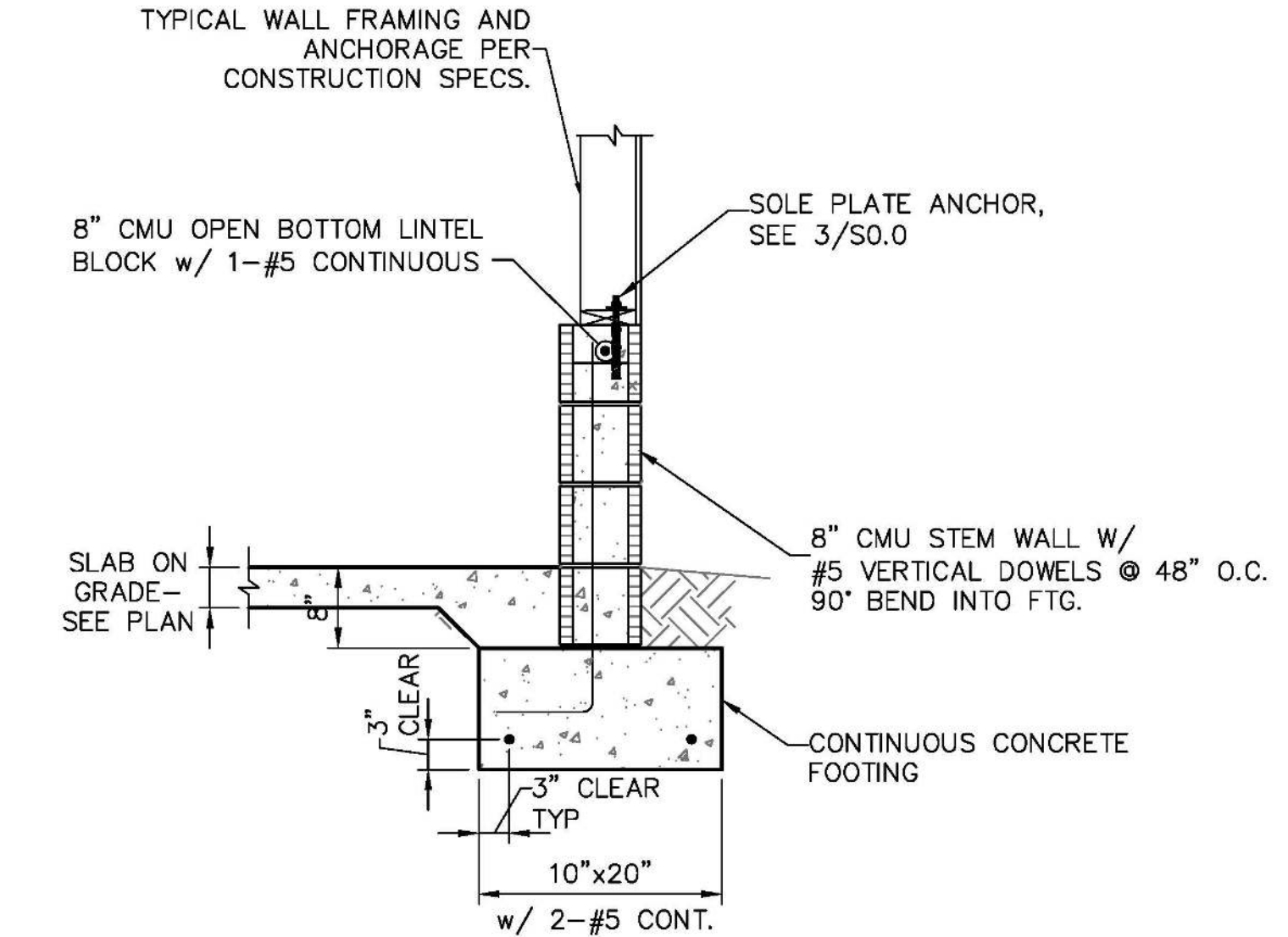
FOOTING SCHEDULE AND NOTES				
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM BARS
F2.0	2'-0"	2'-0"	1'-0"	3-#5 EA. WAY BOT.
F2.5	2'-6"	2'-6"	1'-0"	3-#5 EA. WAY BOT.
F3.0	3'-0"	3'-0"	1'-0"	3-#5 EA. WAY BOT.
F3.5	3'-6"	3'-6"	1'-0"	4-#5 EA. WAY BOT.
F4.0	4'-0"	4'-0"	1'-0"	4-#5 EA. WAY BOT.
F4.5	4'-6"	4'-6"	1'-0"	4-#5 EA. 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.				



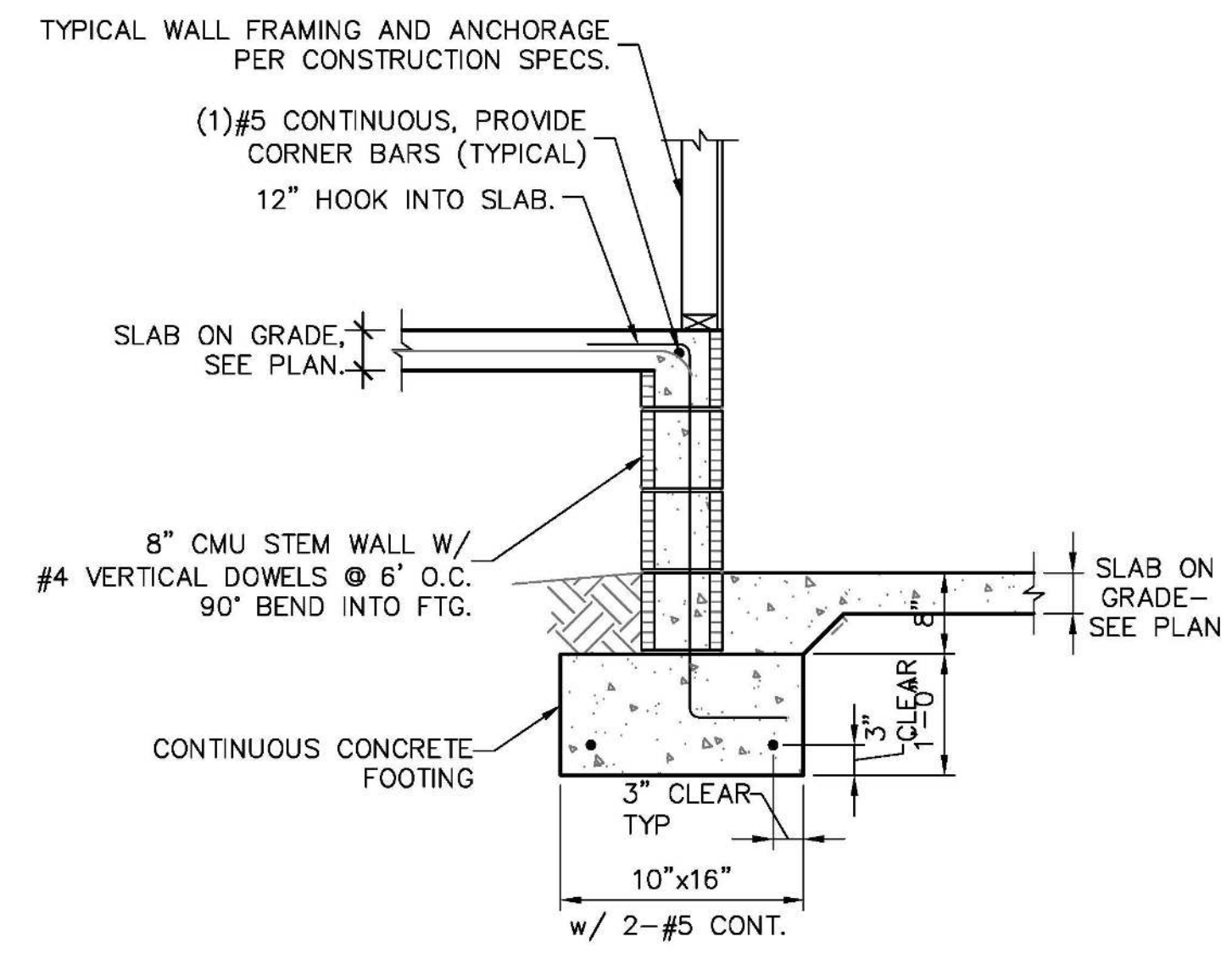
1 STEMWALL FOOTING
S1.01 SCALE: 3/4" = 1'-0"



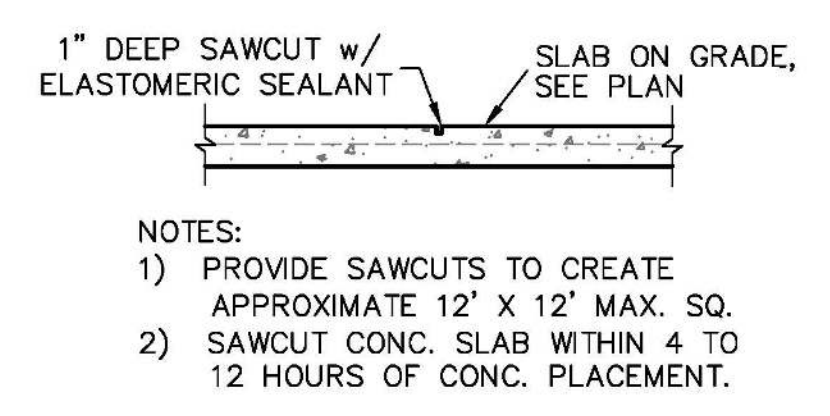
2 FOOTING W/ SHOWER RECESS
S1.01 SCALE: 3/4" = 1'-0"



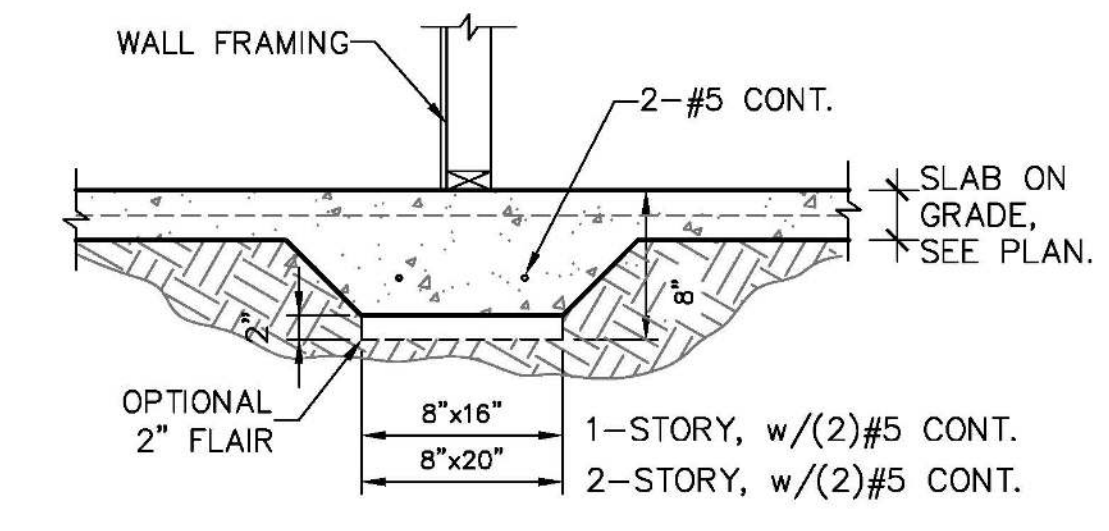
3 GARAGE STEMWALL
S1.01 SCALE: 3/4" = 1'-0"



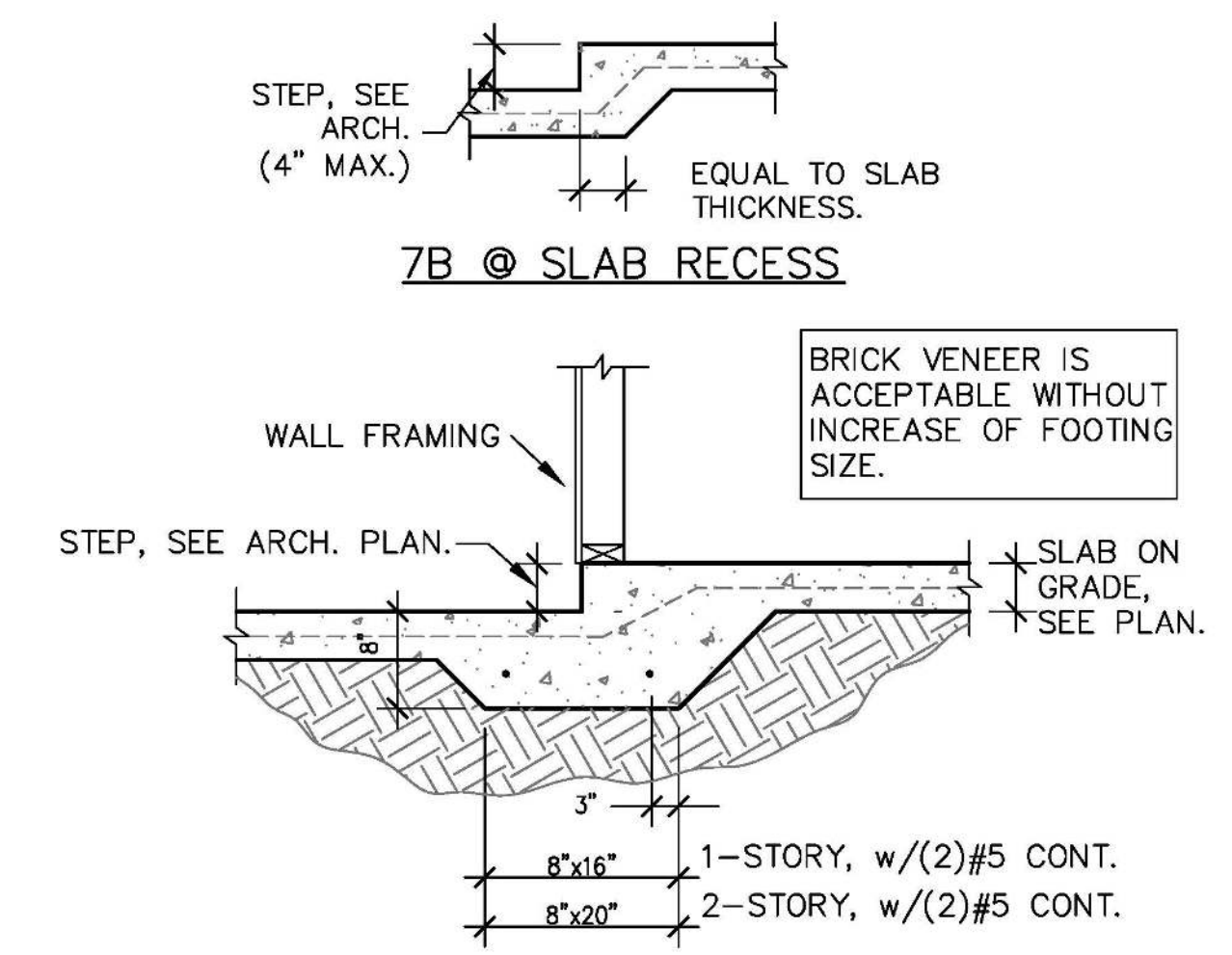
4 STEMWALL AT GARAGE
S1.01 SCALE: 3/4" = 1'-0"



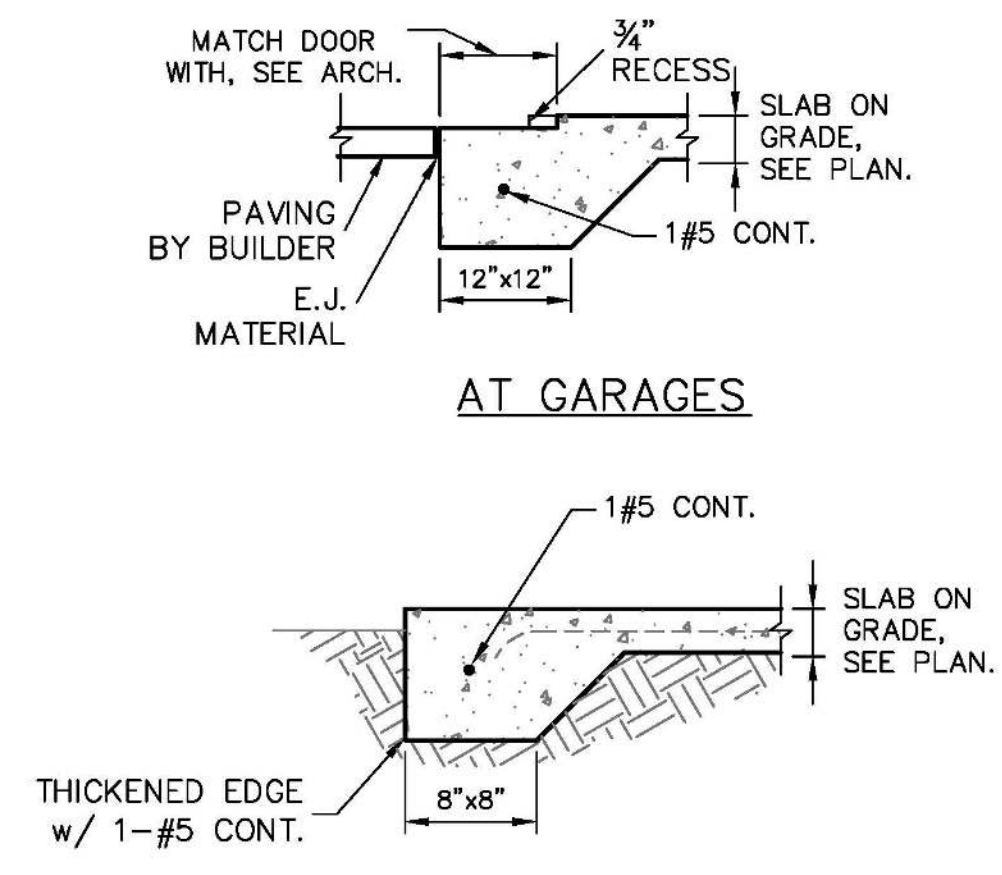
5 SAW CUT DETAIL
S1.01 SCALE: 3/4" = 1'-0"



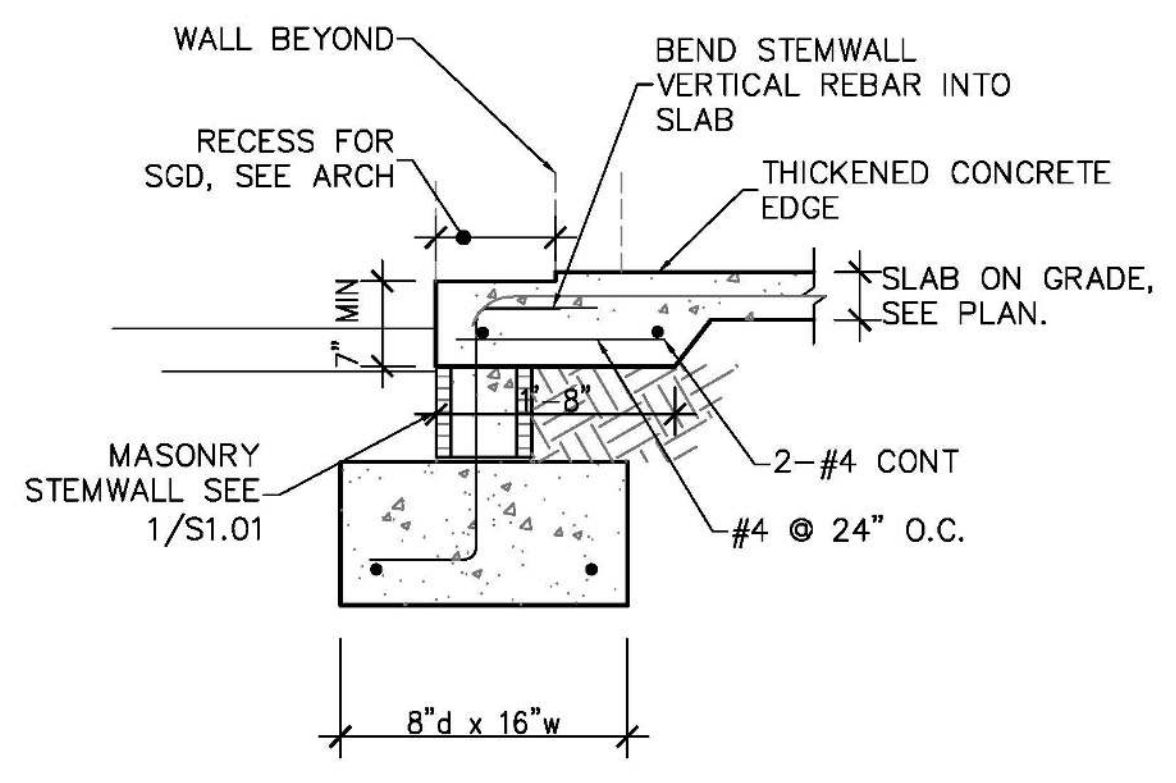
6 BEARING AT INTERIOR
S1.01 SCALE: 3/4" = 1'-0"



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"



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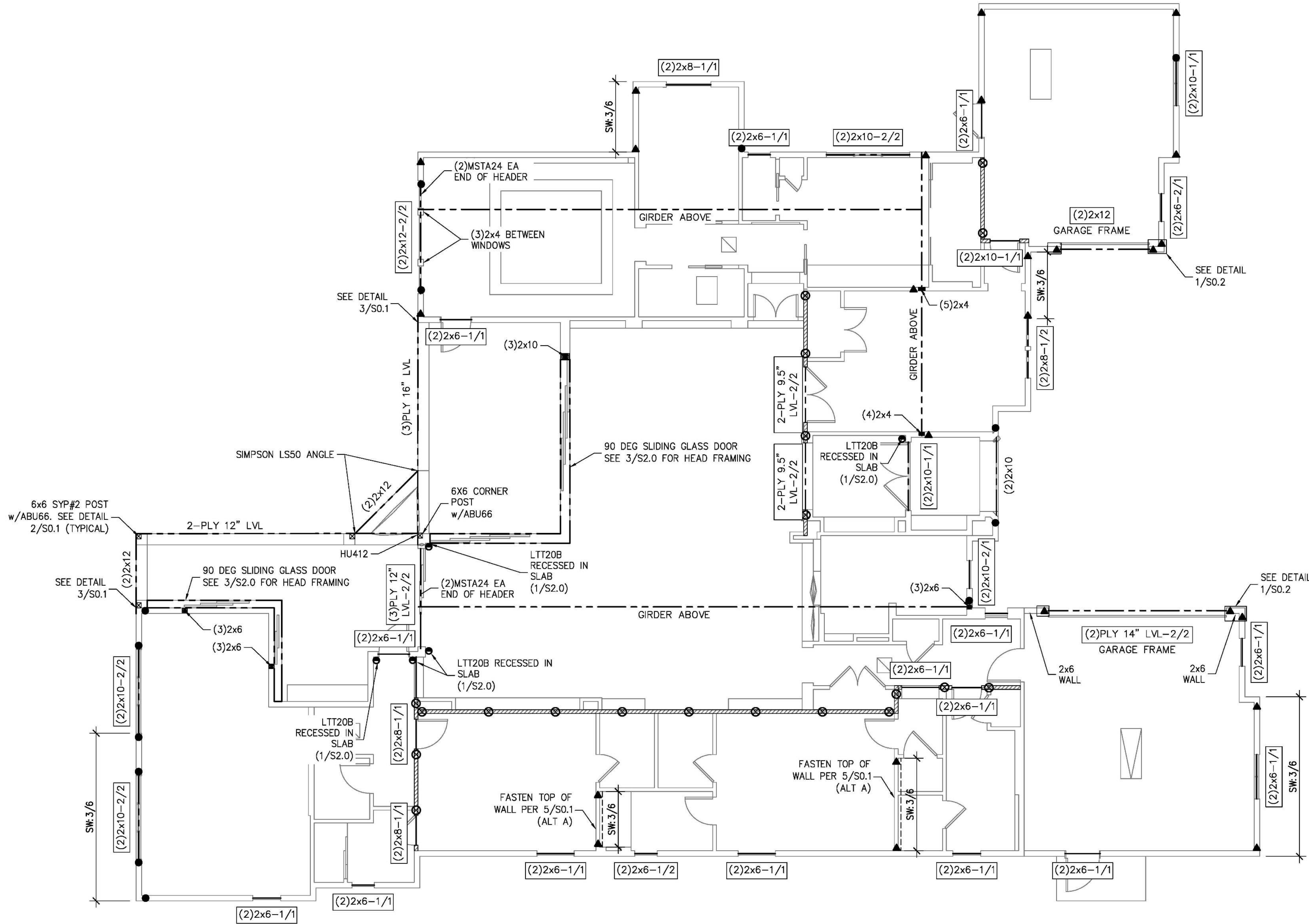
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FOUNDATION
DETAILS



FIRST LEVEL WALL FRAMING PLAN
SCALE: 3/16" = 1'-0"

SYMBOLS LEGEND

	DESIGNATES OSB SHEARWALL. THE HIDDEN LINE DESIGNATES SIDE OF WALL. THE SHEARWALL SHEATHING TO BE APPLIED. 8d @ 16" O.C. DESIGNATES 8d COMMONS @ 3" O.C. EDGE & 6" 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 HITs SEE DETAIL 15/SO.1
	SIMPSON DT122 SEE DETAIL 15/SO.1
	SIMPSON LTT20B SEE DETAIL 15/SO.1

WALL STUD SCHEDULE

LOCATION	PLATE HEIGHT	STUD SIZE & SPACING
EXTERIOR	9'-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/16d MASONRY CUT 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 SO.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

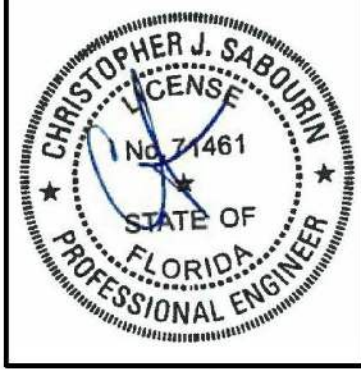
GENERAL NOTES

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 SO.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.
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" = 36" ON-CENTER SPACING



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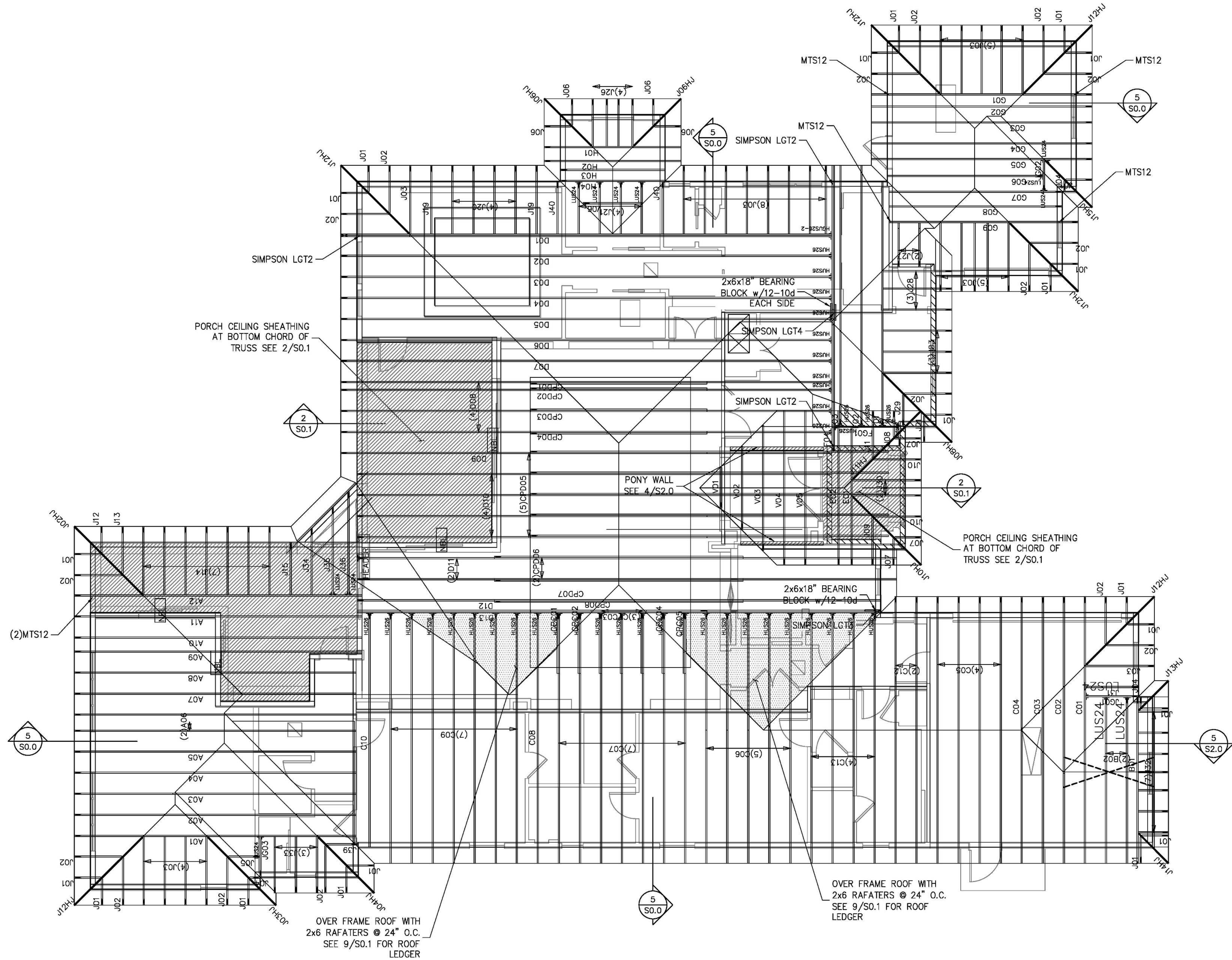
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FIRST FLOOR
FRAMING
PLAN



FIRST LEVEL TRUSS FRAMING PLAN
SCALE: 3/16" = 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. C/SOWC CONNECTOR.
3. FOR GENERAL DESIGN SPECIFICATIONS SEE SHEET S0.0.
4. WHEN USING (2)H2.5T CLIPS ON 1 1/2" WIDE LUMBER, PLACE CLIPS DIAGONALLY ACROSS DOUBLE TOP PLATE FROM EACH OTHER.

TRUSS FASTENING DETAILS

TRUSS TIE DOWN WITH SIMPSON SDWC

SIMPSON SDWC INSTALLATION RANGE

SDWC INSTALLATION

SDWC INSTALLATION RANGE

SDWC AT TOP PLATE SPLICE

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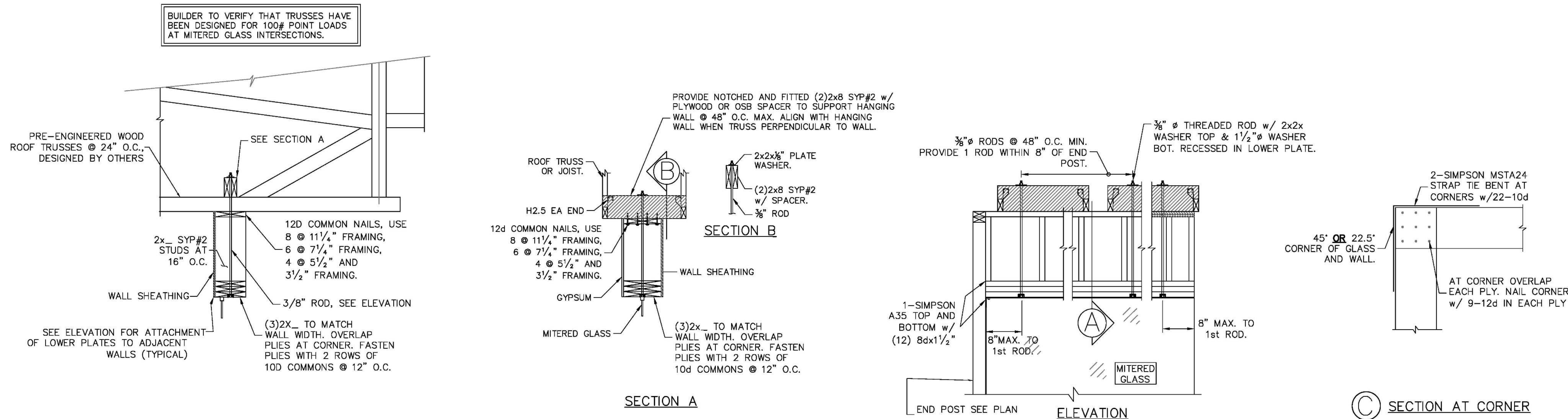
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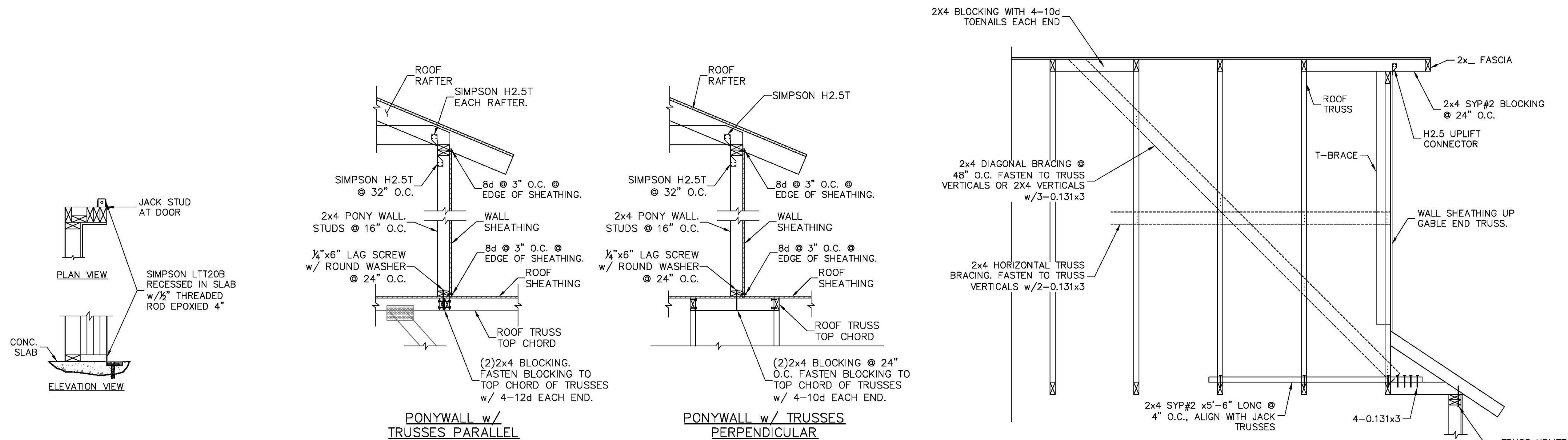
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ROOF TRUSS
PLACEMENT
PLAN

SHEET
S1.2
SHEET 6 OF 7



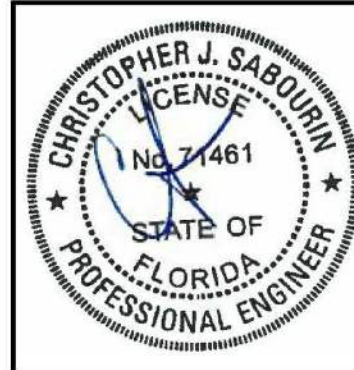
3 MITERED WINDOW HEAD FRAMING
S2.0 SCALE: N.T.S.



WHEN NOTED 1 DOOR JAMB FASTENING
S2.0 THIS DETAIL ONLY APPLIES WHEN NOTED ON PLAN

4 PONY WALL DETAIL
S2.0 SCALE: N.T.S.

5 GABLE END BRACE DETAIL
S2.0



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MISC
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S2.0
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