



04.19.22
Christopher J. Sabourin
FL PE #71461

THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CHRISTOPHER J. SABOURIN, PE ON 04/19/2022. A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED BY THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON AN ELECTRONIC COPIES

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

PLAN NAME
B2EC
SSE No.
22-0154

ISSUE DATE
PERMIT 04.19.22
REVISIONS DATE

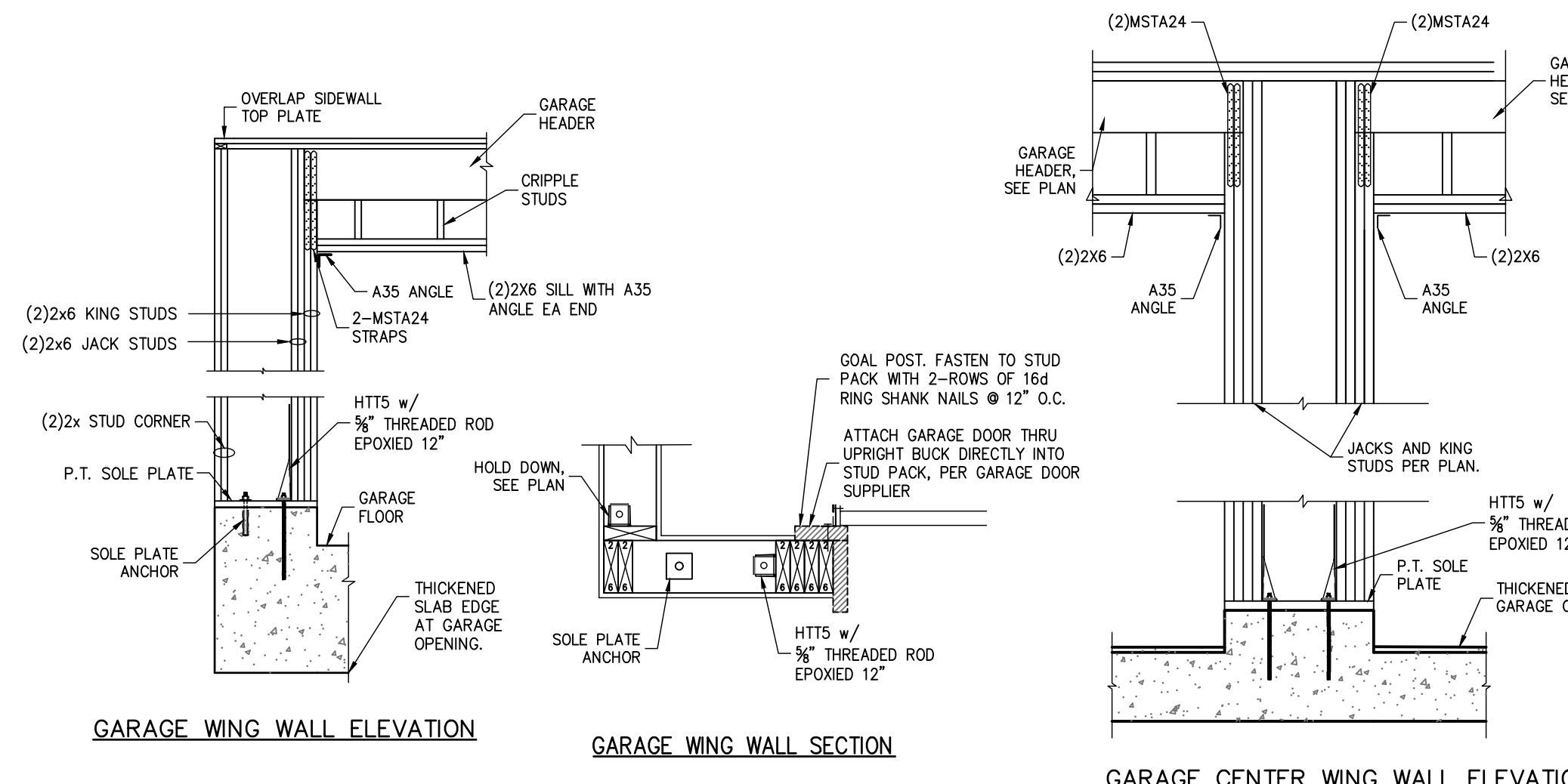
STRUCTURAL ENGINEERING FOR
THE JORDAN RESIDENCE

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 J. SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING OR INSPECTION FEES.

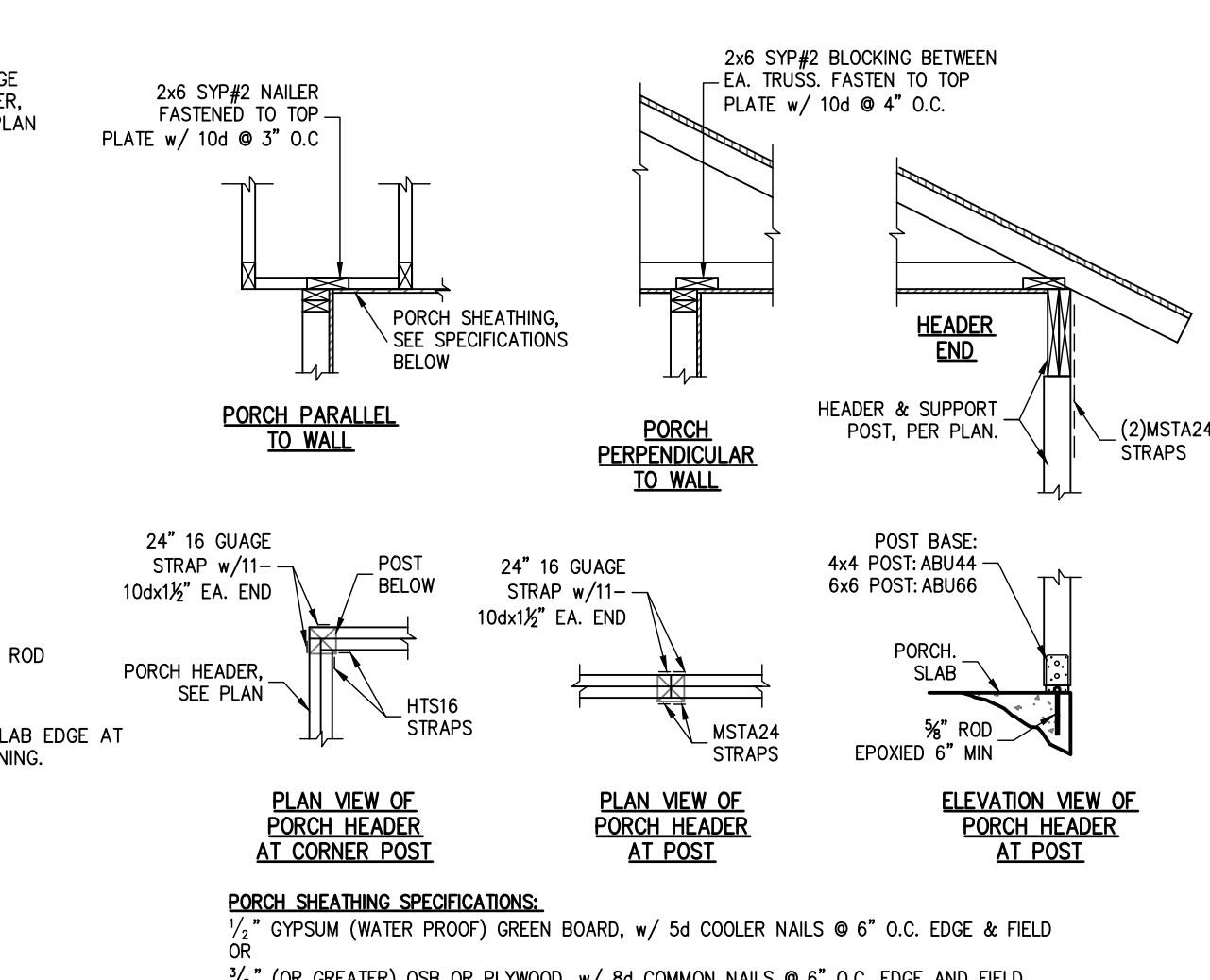
SCALING
DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS. IF A DIMENSION IS UNCLEAR REFER TO THE ARCHITECTURAL DRAWINGS OR CONTACT THE F.O.R.

TYPICAL FRAMING DETAILS

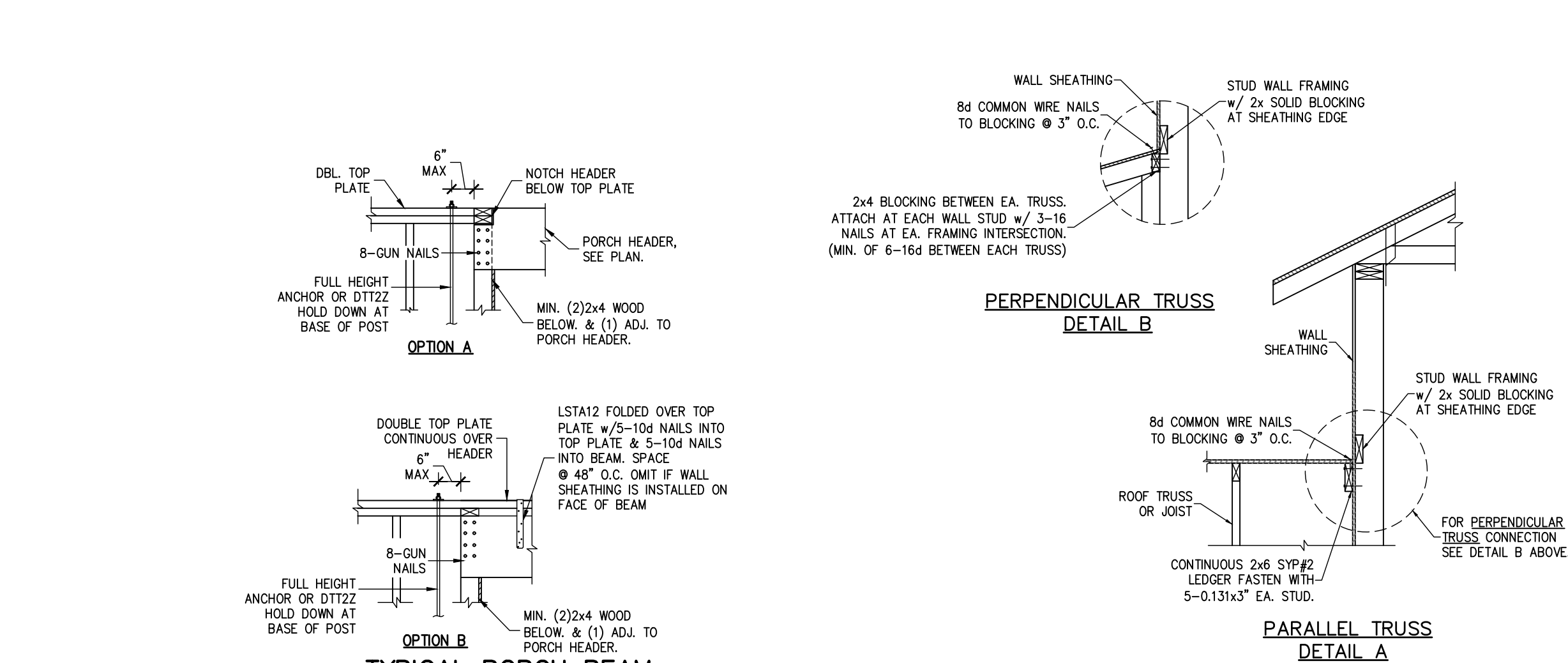
SHEET
S0.1
SHEET 2 OF 7



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

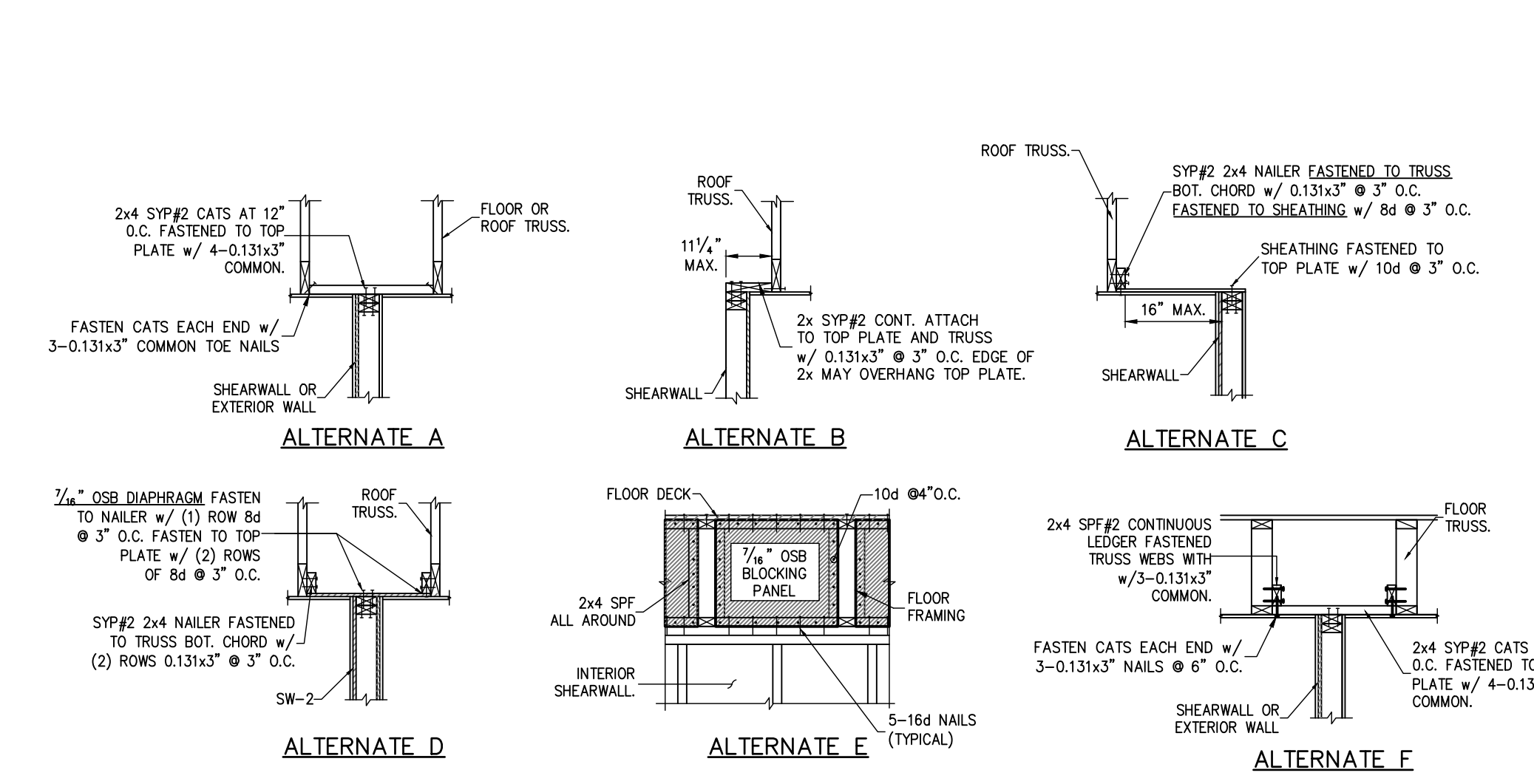


2 TYPICAL PORCH FRAMING DETAILS
SCALE: N.T.S.

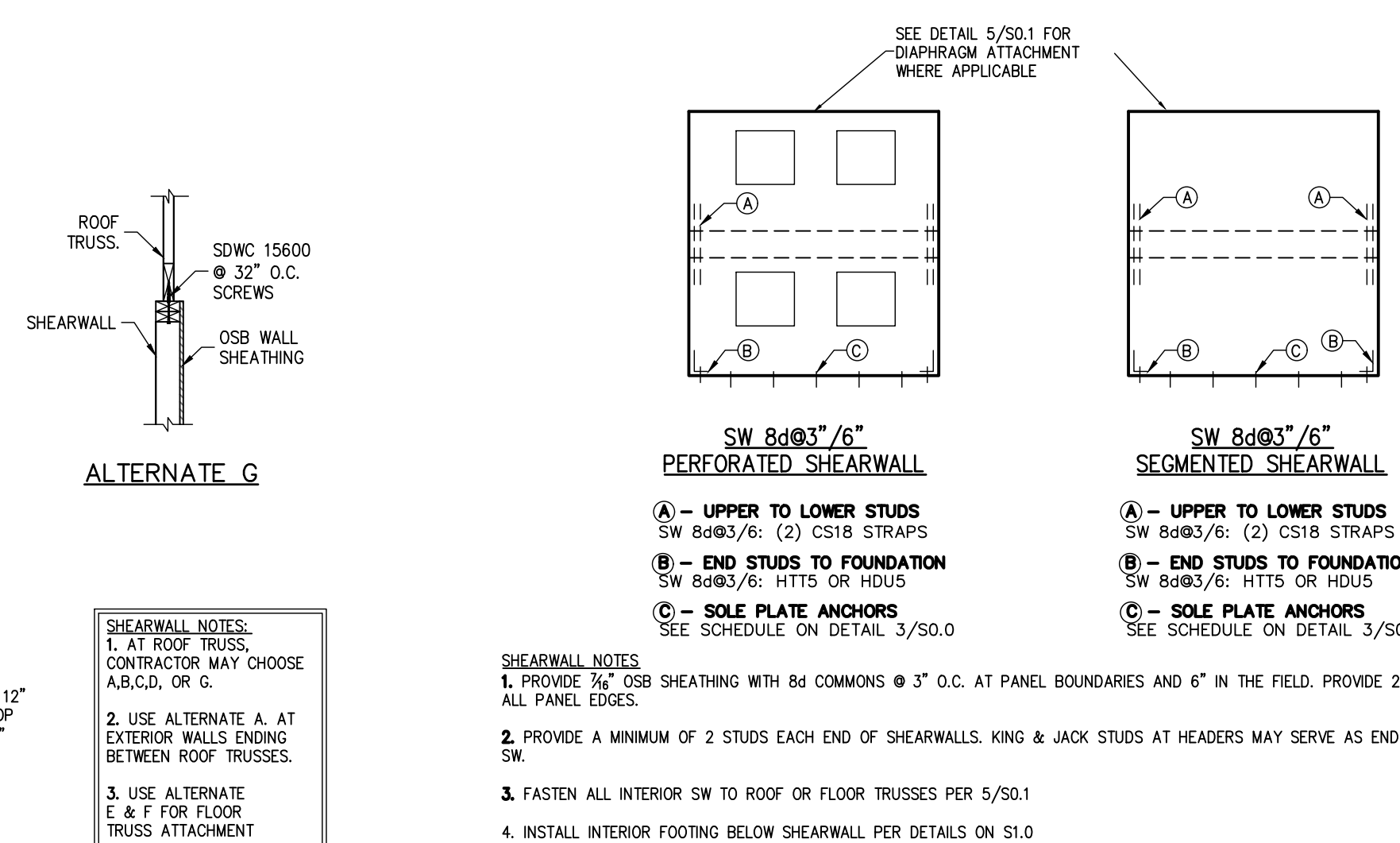


3 TYPICAL PORCH BEAM CONNECTION
SCALE: N.T.S.

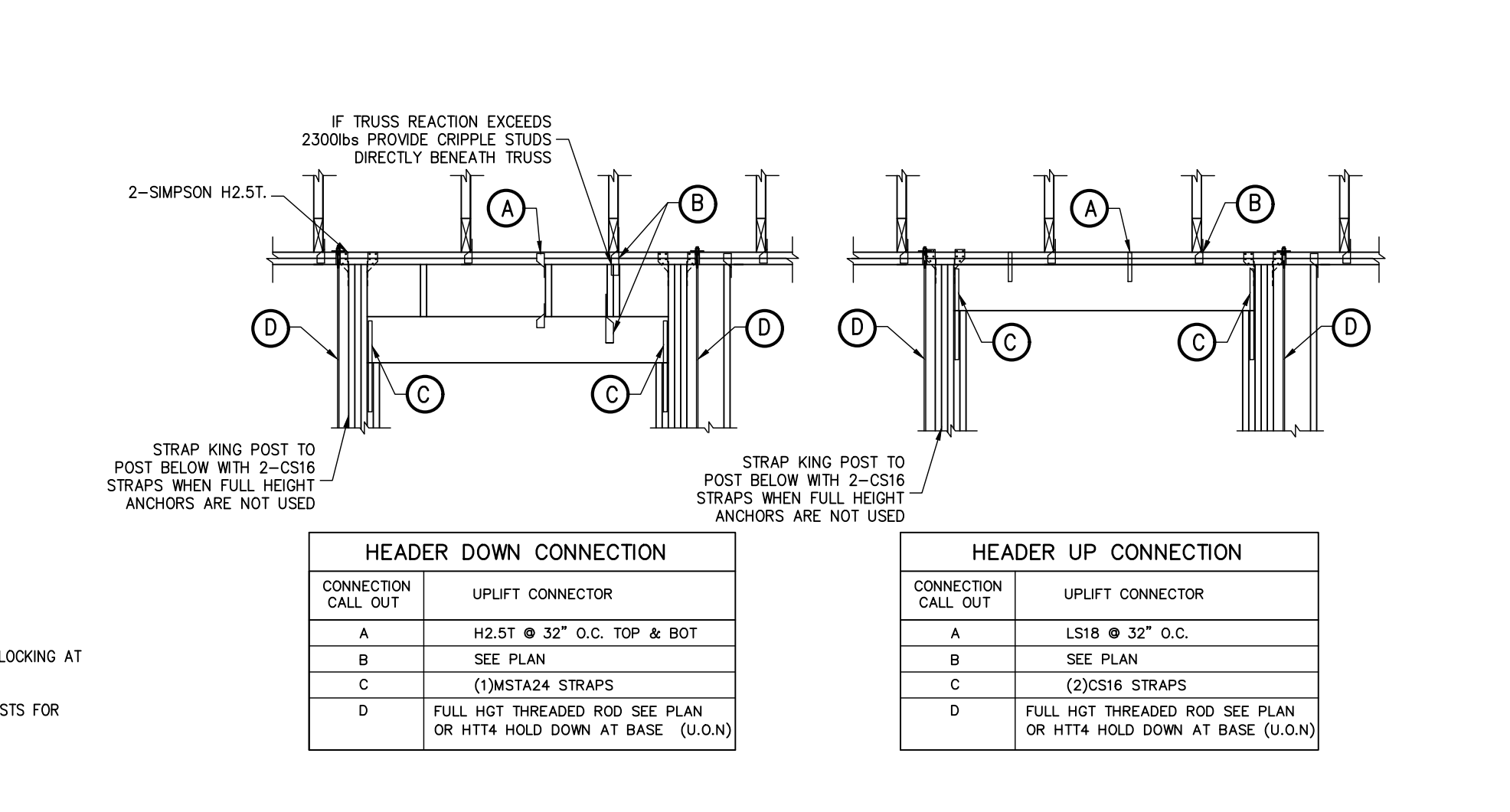
4 WALL ADJ. TO ROOF CONNECTION
SCALE: N.T.S.



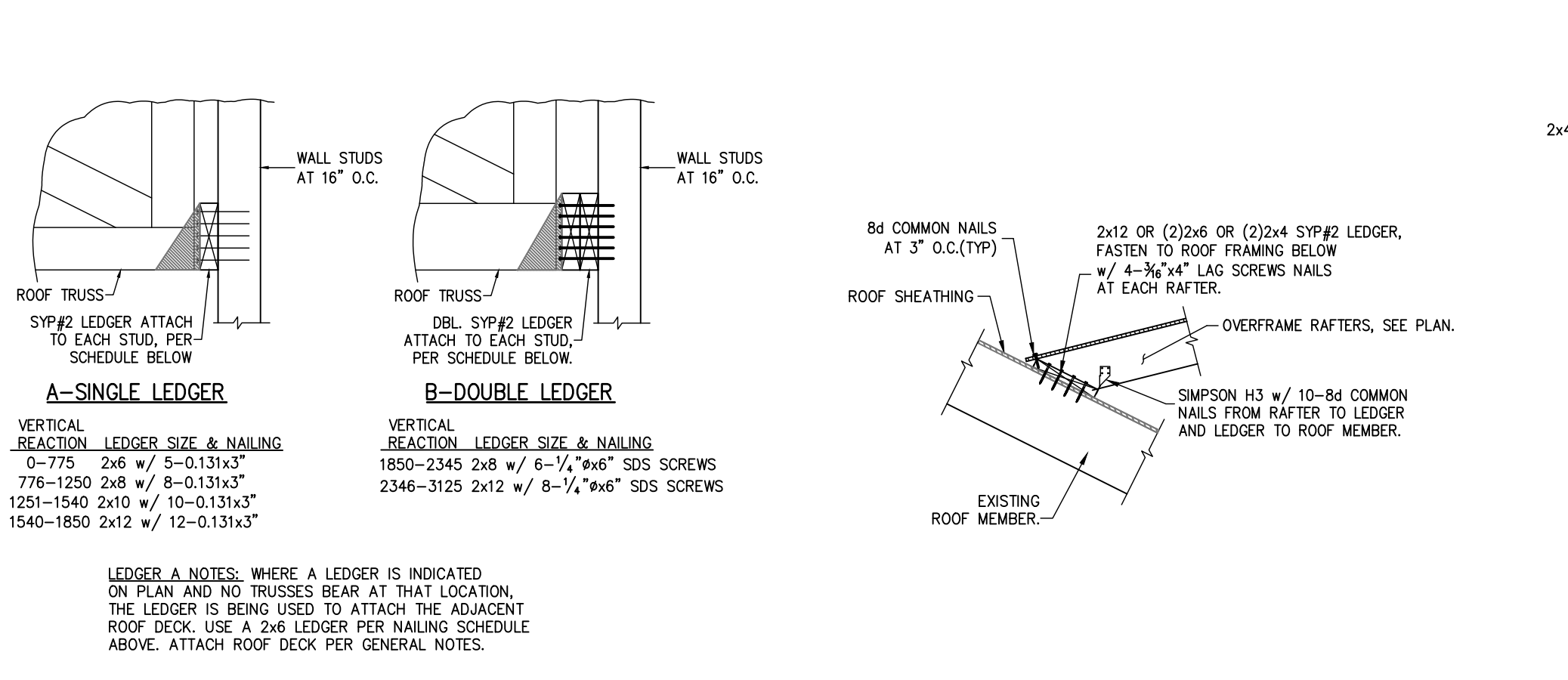
5 SHEARWALL ATTACHMENT AT ROOF & FLOOR
SCALE: N.T.S.



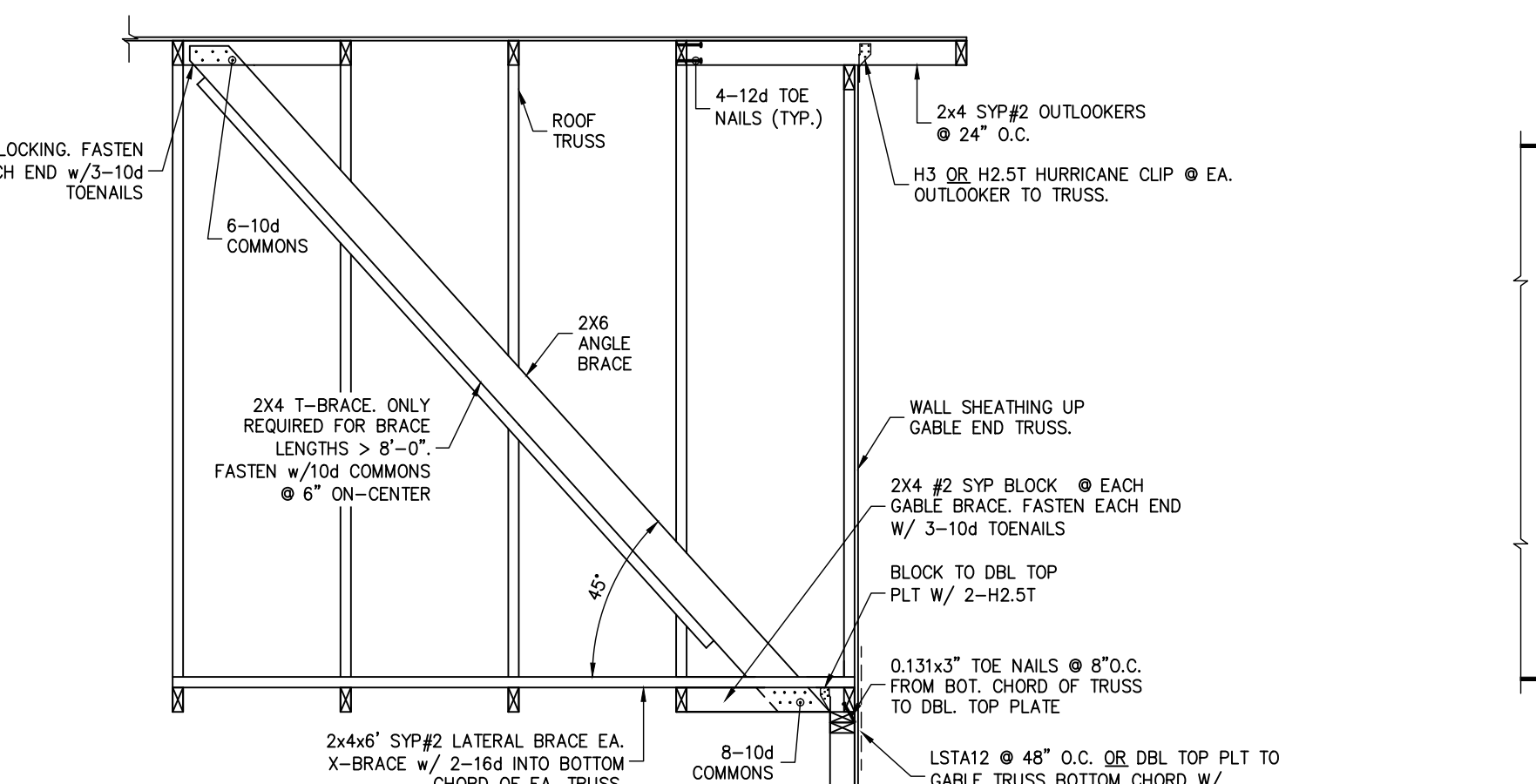
6 TYPICAL SHEARWALL ELEVATION
SCALE: N.T.S.



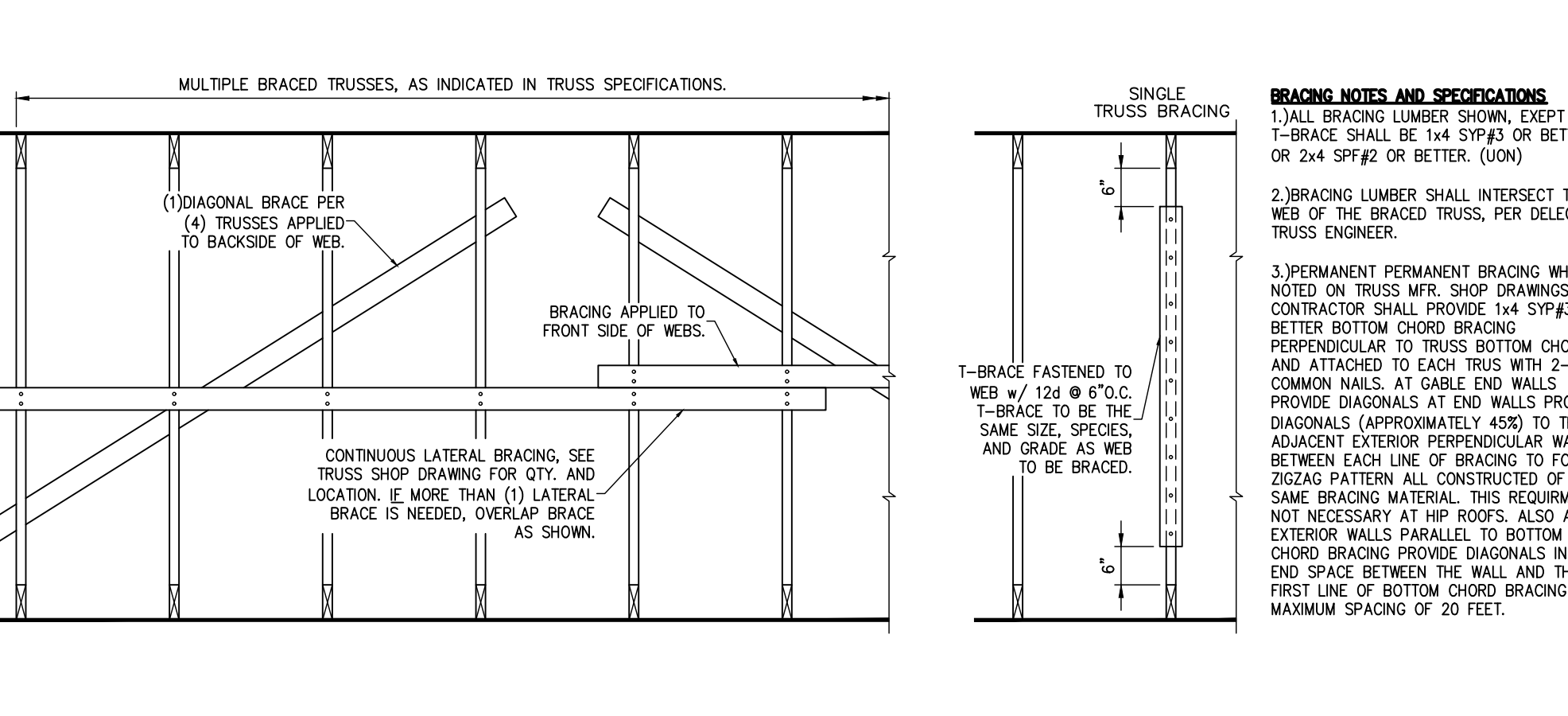
7 HEADER TIE DOWN
SCALE: N.T.S.



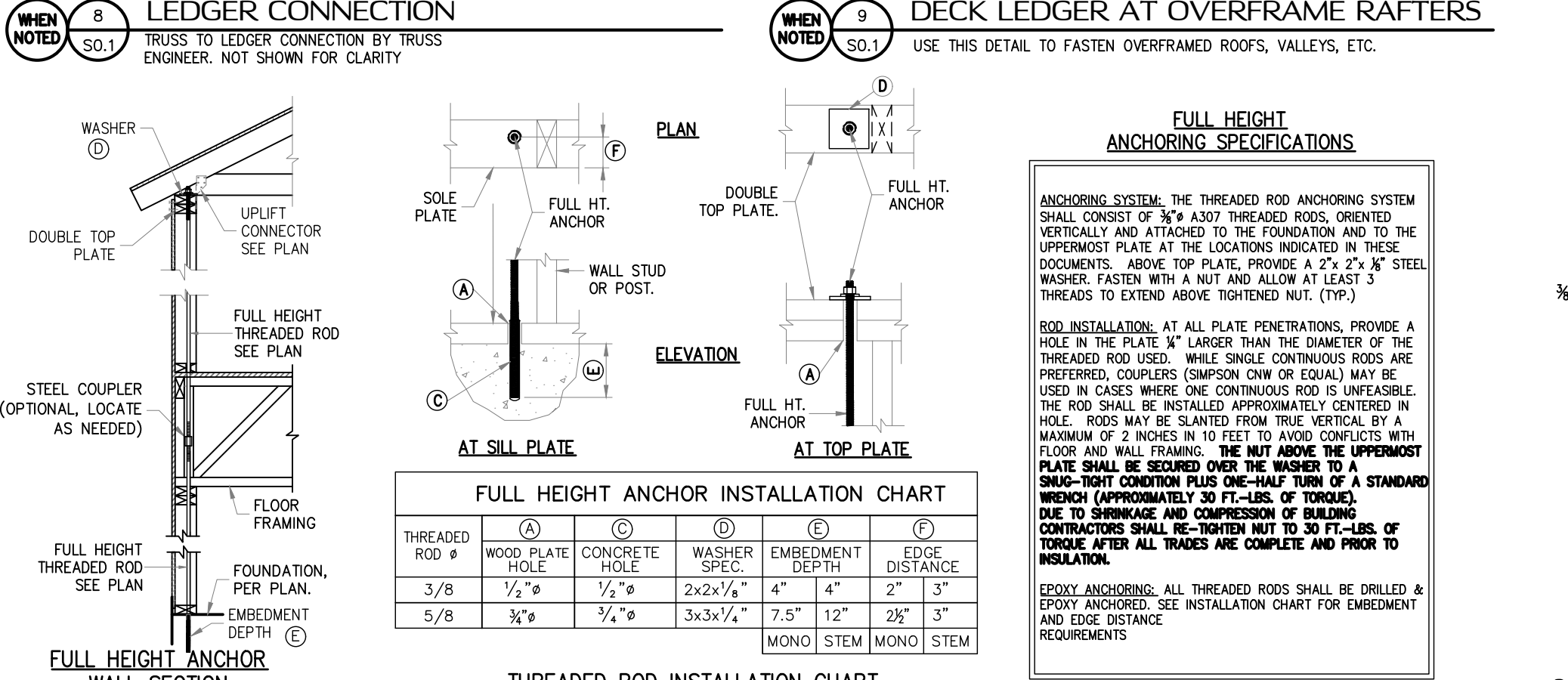
8 LEDGER CONNECTION
SCALE: N.T.S.



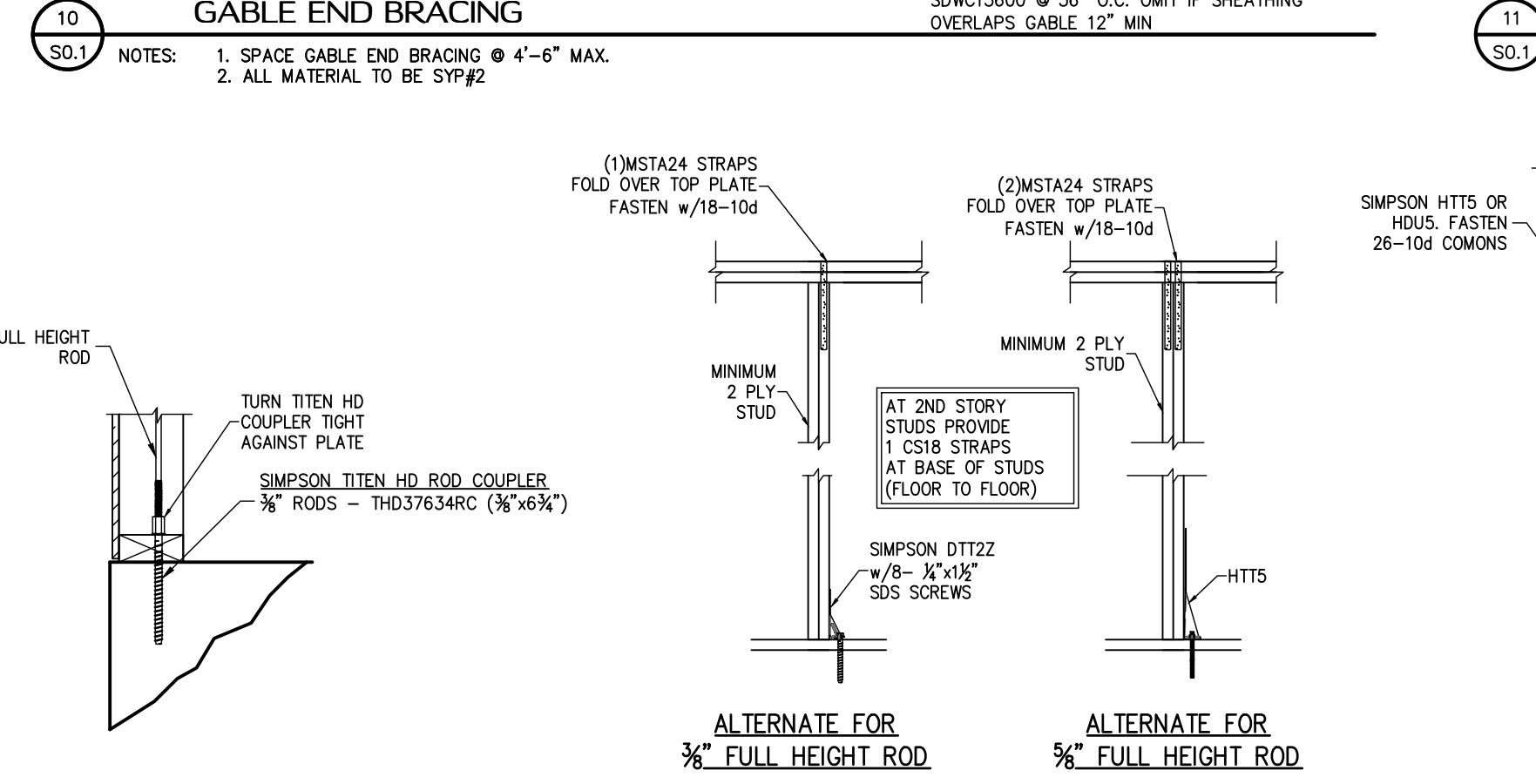
10 GABLE END BRACING
SCALE: N.T.S.



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

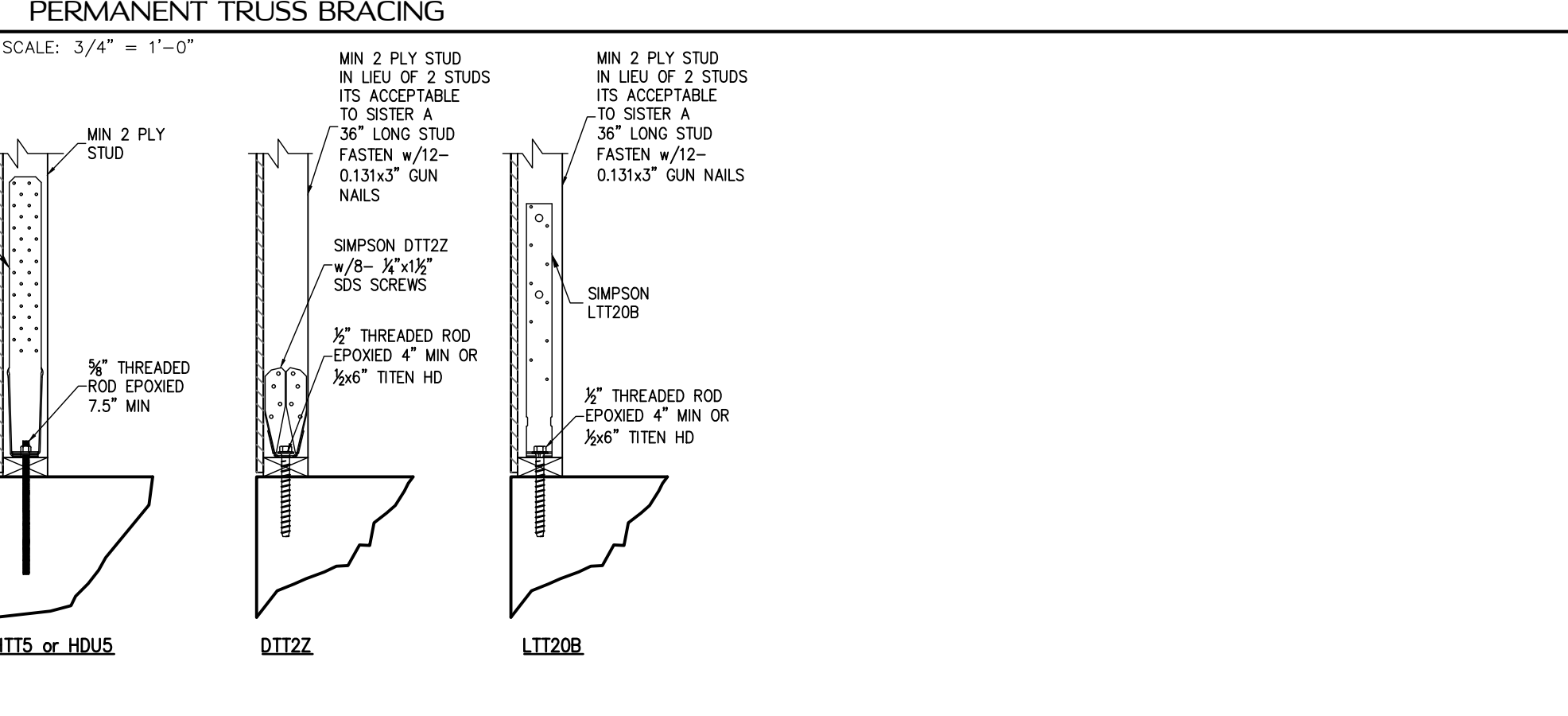


12 FULL HEIGHT WOOD FRAME WALL ANCHORING SYSTEM
SCALE: N.T.S.



13 3/8" 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.

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



04.19.22
Christopher J. Sabourin
FL PE#71461

THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CHRISTOPHER J. SABOURIN, PE ON 04/19/2022. A SHA AUTHENTICATION CODE IS PROVIDED. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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

PLAN NAME
B2EC
SSE No.
22-0154

ISSUE	DATE
PERMIT	04.19.22
REVISIONS	DATE

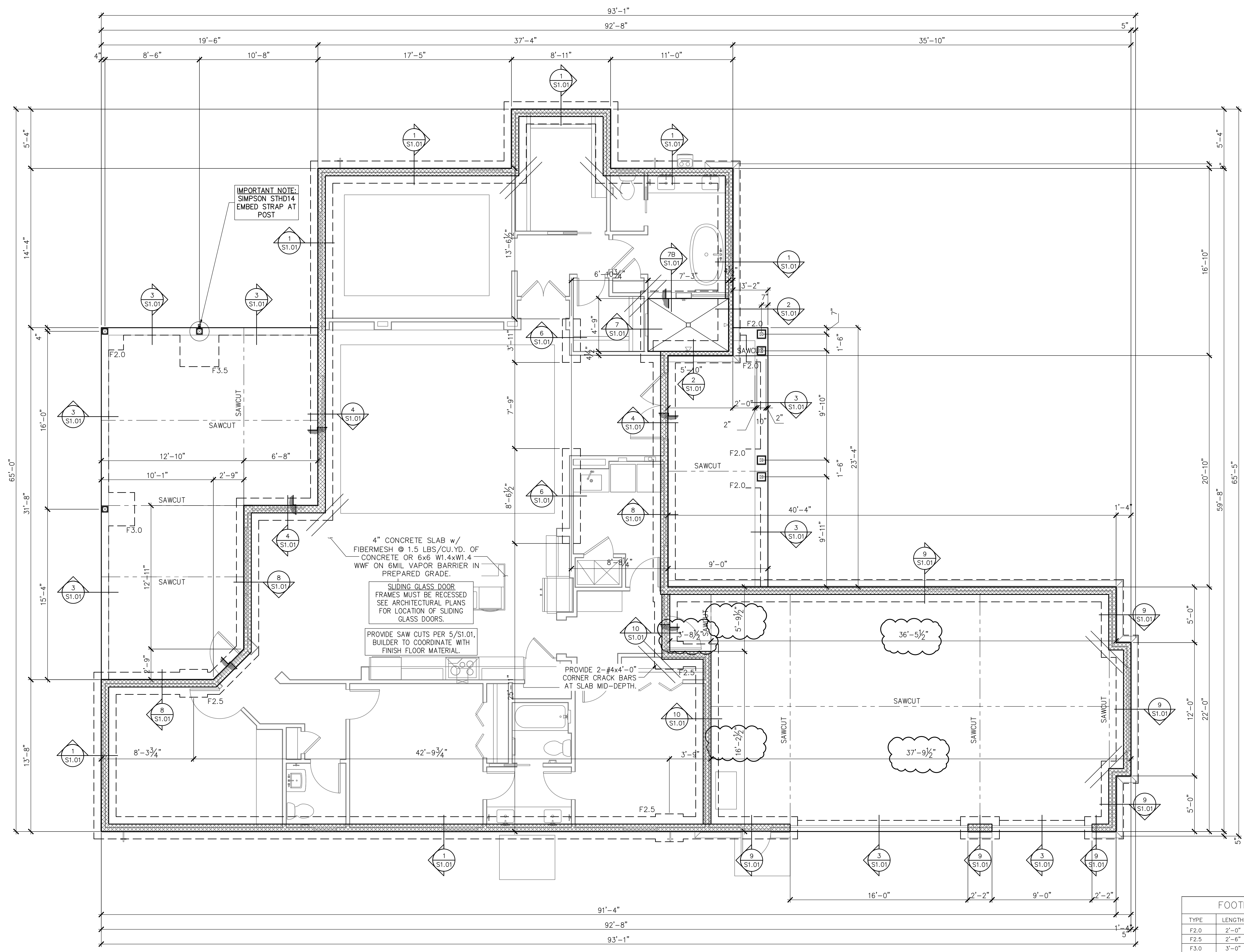
STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

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 J. 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 PLAN

SHEET
S1.0
SHEET 3 OF 7



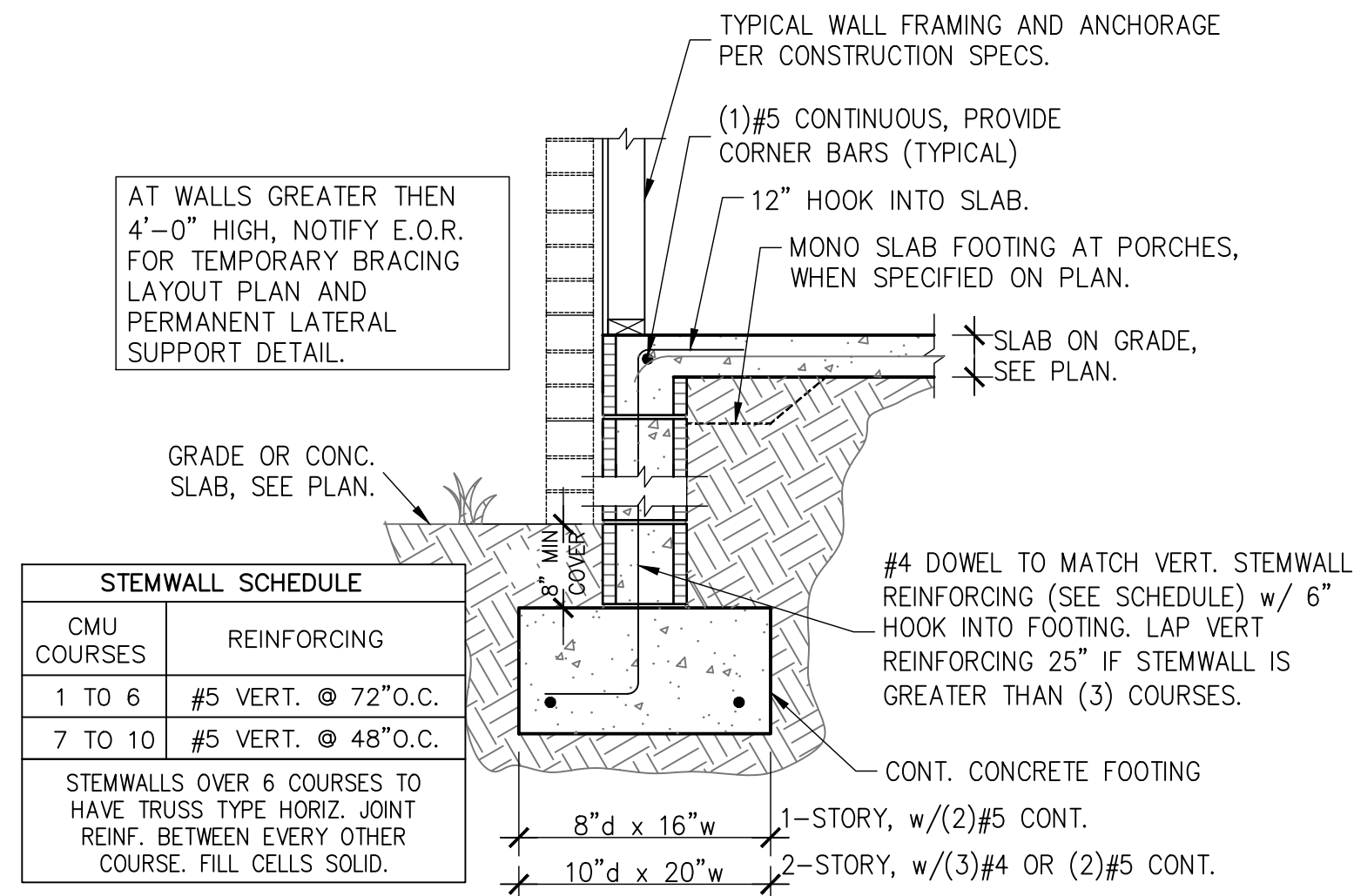
FOOTING SCHEDULE AND NOTES				
TYPE	LENGTH	WIDTH	DEPTH	BOTTOM BARS
F2.0	2'-0"	2'-0"	1'-0"	3-#5 EA. WAY BOT.
F2.5	2'-6"	2'-6"	1'-0"	3-#5 EA. WAY BOT.
F3.0	3'-0"	3'-0"	1'-0"	3-#5 EA. WAY BOT.
F3.5	3'-6"	3'-6"	1'-0"	4-#5 EA. WAY BOT.
F4.0	4'-0"	4'-0"	1'-0"	4-#5 EA. WAY BOT.
F4.5	4'-6"	4'-6"	1'-0"	4-#5 EA.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

1. THIS FOUNDATION PLAN ONLY CONVEYS STRUCTURAL INFO. RELATED TO THE FOUNDATION. FOR GENERAL FEATURES, DIMENSIONS, CONDITS, 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.

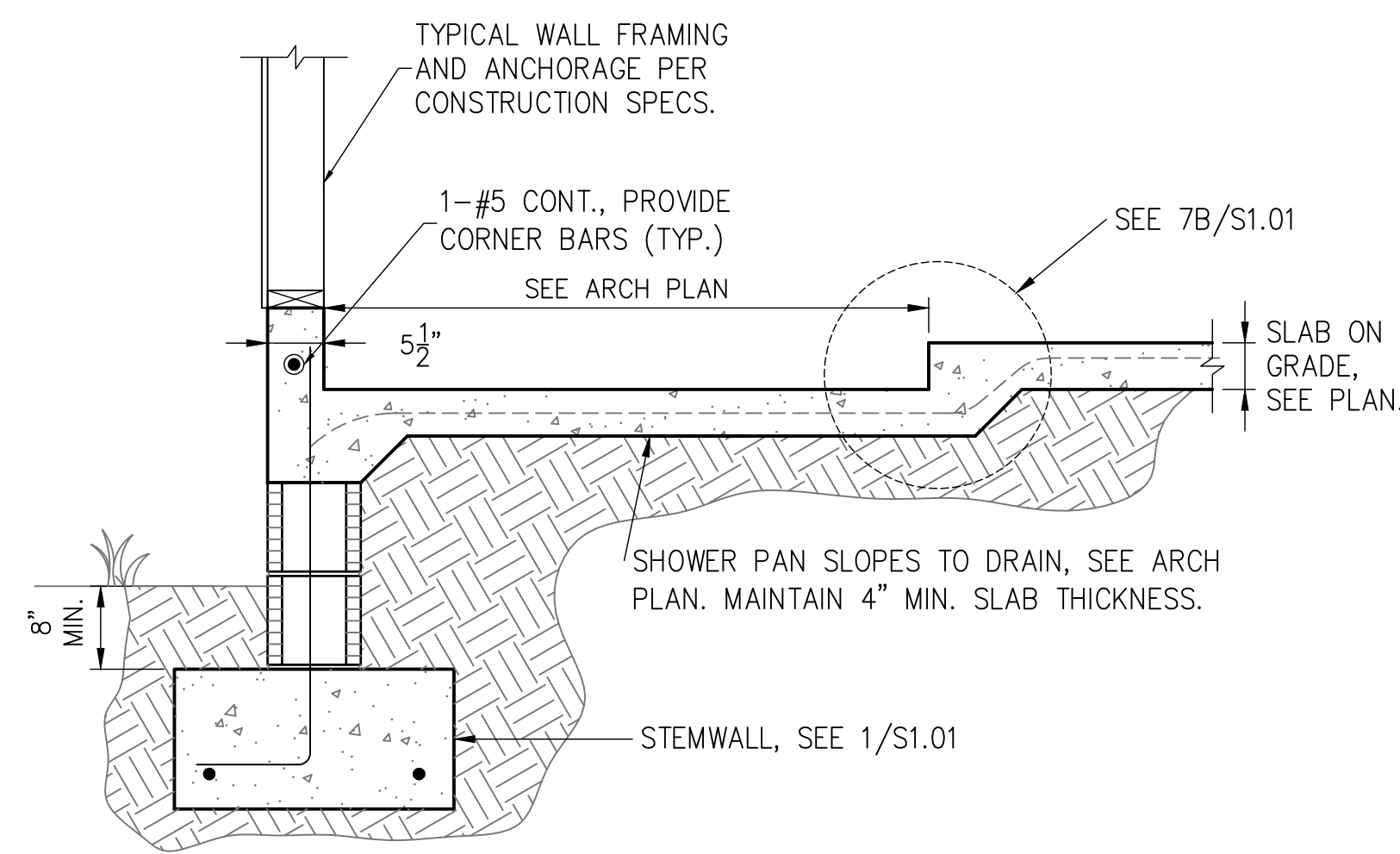
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



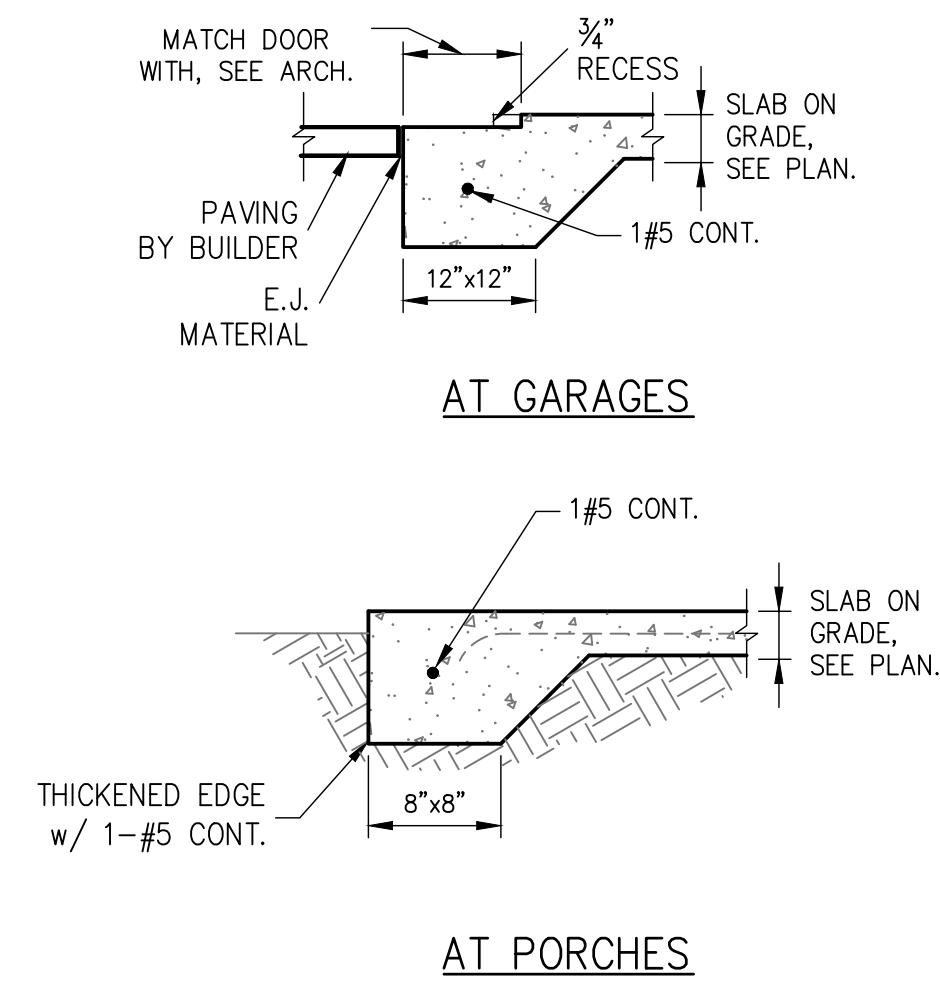
CMU COURSES	REINFORCING
1 TO 6	#5 VERT. @ 72" O.C.
7 TO 10	#5 VERT. @ 48" O.C.

STEMWALLS OVER 6 COURSES TO HAVE TRUSS TYPE HORIZ. JOINT REINF. BETWEEN EVERY OTHER COURSE. FILL CELLS SOLID.

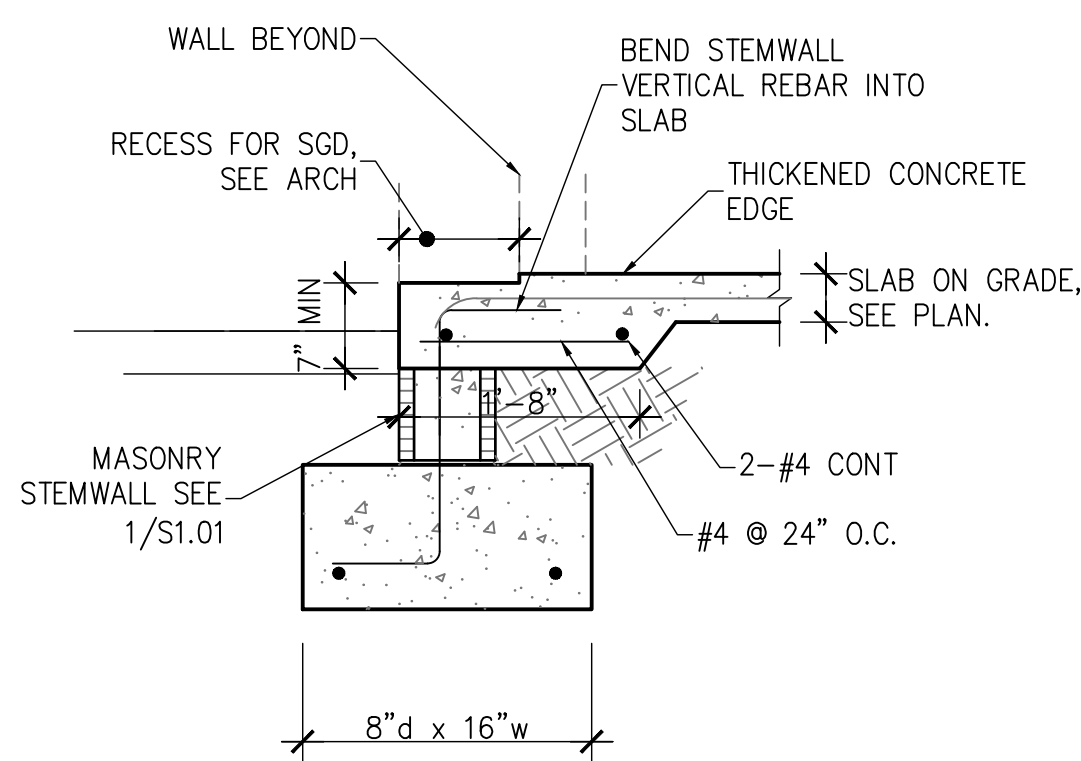
1 STEMWALL FOOTING
S1.01 SCALE: 3/4" = 1'-0"



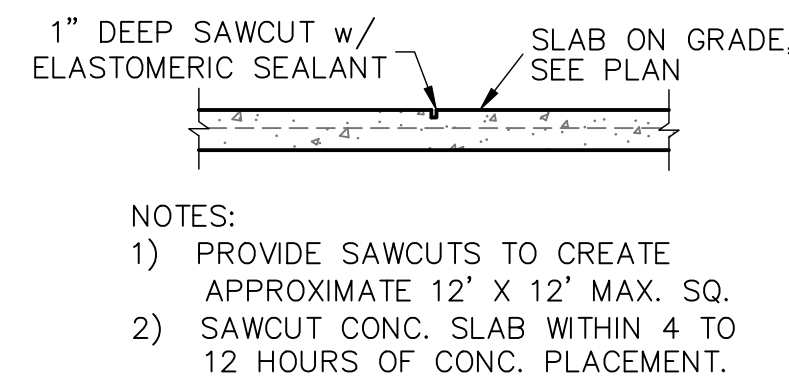
2 FOOTING W/ SHOWER RECESS
S1.01 SCALE: 3/4" = 1'-0"



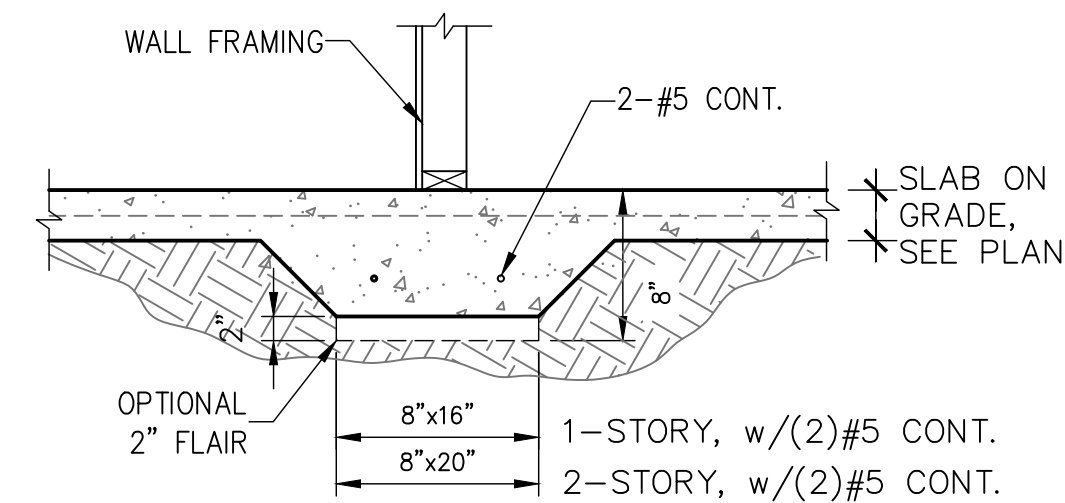
3 THICKENED SLAB
S1.01 SCALE: 3/4" = 1'-0"



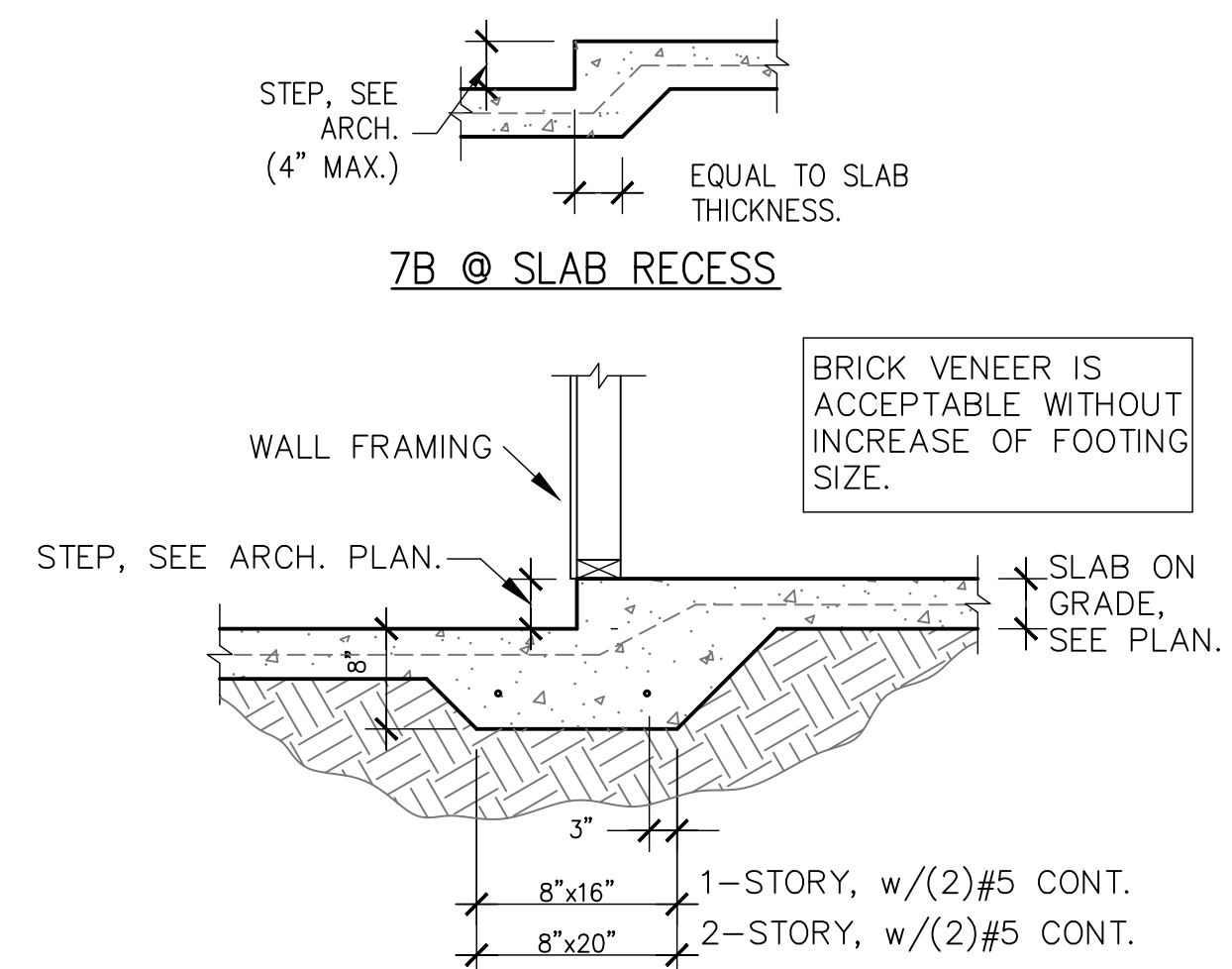
4 STEMWALL FOOTING AT SLIDER
S1.01 SCALE: 3/4" = 1'-0"



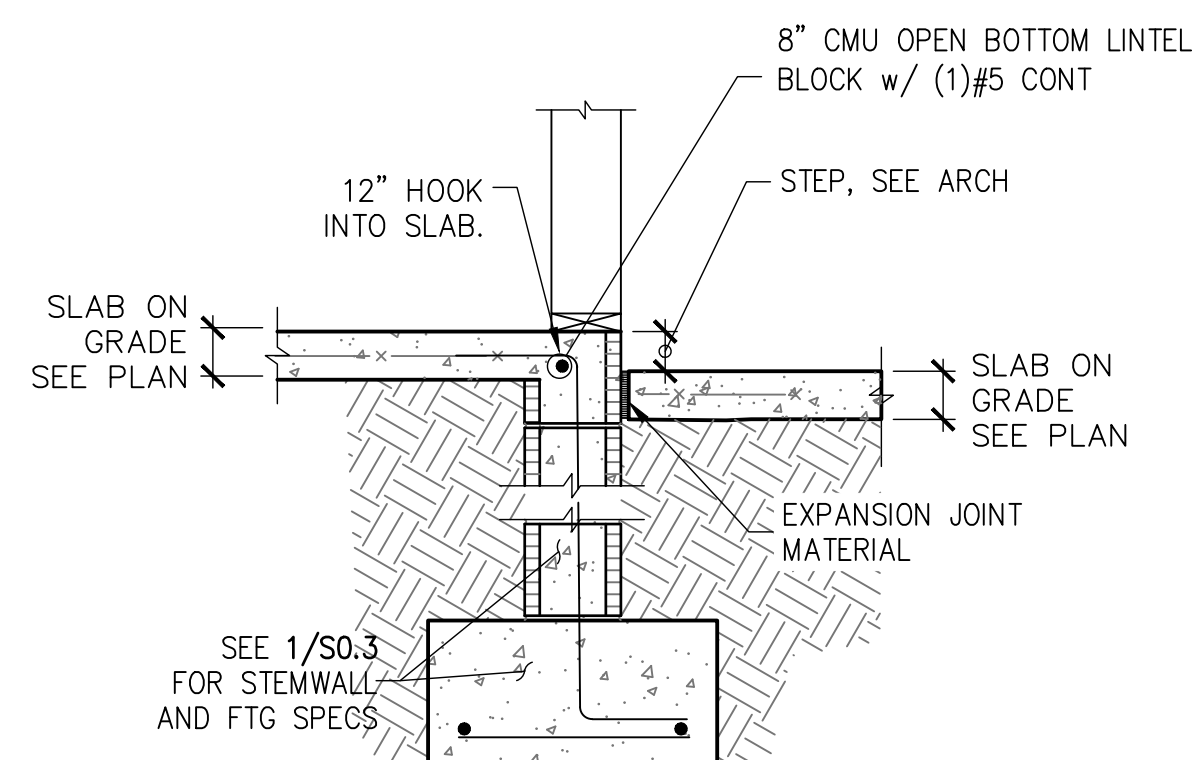
5 SAW CUT DETAIL
S1.01 SCALE: 3/4" = 1'-0"



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



04.19.22
Christopher J. Sabourin
FL P.E.#71461

CHRISTOPHER J. SABOURIN STATE OF FLORIDA PROFESSIONAL ENGINEER LICENSE NO. 71461
THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CHRISTOPHER J. SABOURIN, P.E. ON 04/19/2022. A SHA AUTHENTICATION CODE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

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

PLAN NAME	B2EC
SSE No.	22-0154

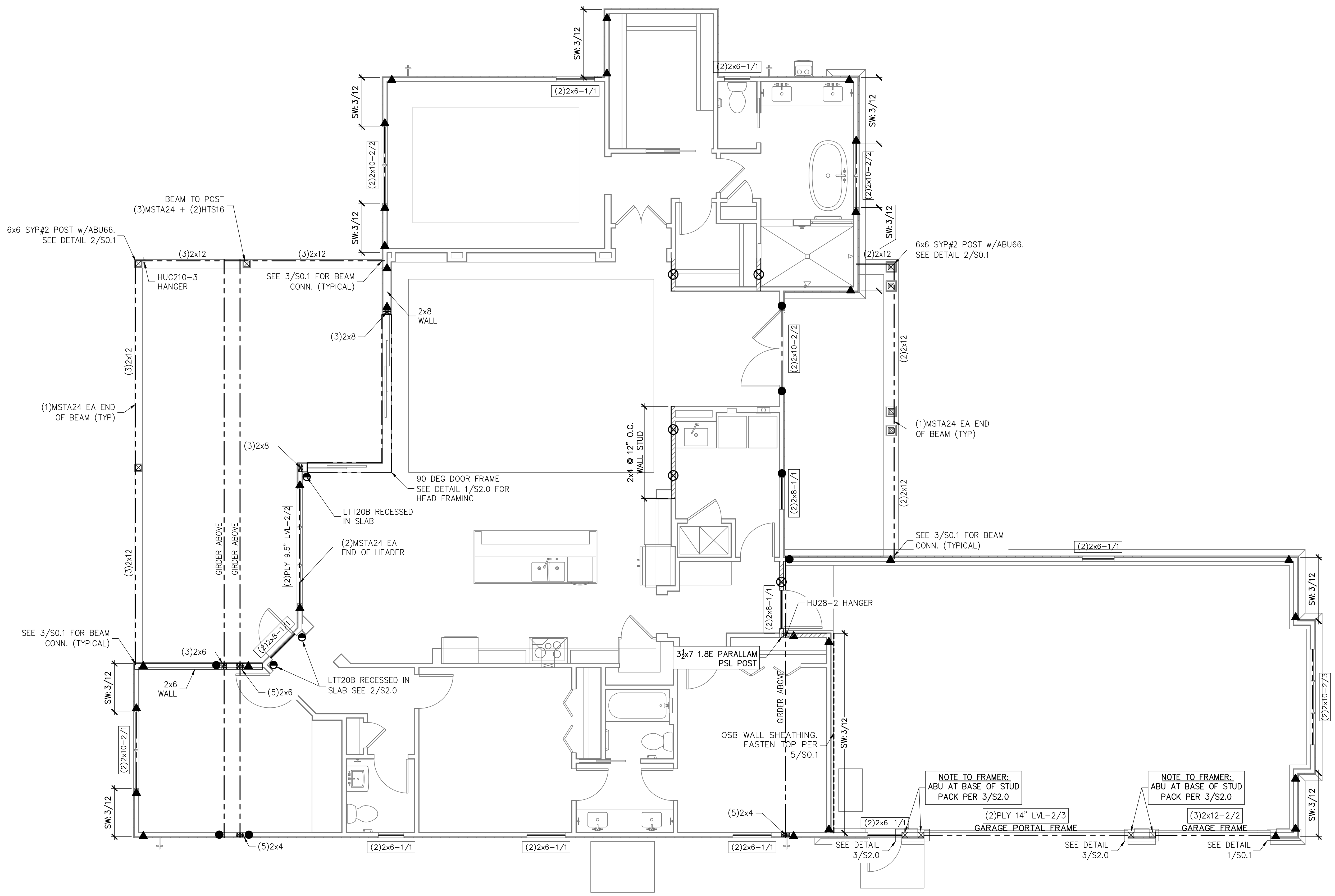
ISSUE	DATE
PERMIT	04.19.22
REVISIONS	DATE

STRUCTURAL ENGINEERING FOR
THE JORDAN 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 J. 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



FIRST LEVEL WALL 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 @ 6" DESIGNATES 8d COMMONS @ 3" O.C. EDGE & 6" O.C. "IN THE FIELD"
	DESIGNATES THE HEADER SIZE, NUMBER OF PLYS & JACKING STUDS NEEDED FOR SUPPORT HEADER.
	BEAM OR TRUSS, SEE PLAN

ANCHOR LEGEND	
	3/4" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 12/SO.1
	5/8" A307 DIAMETER FULL HEIGHT THREADED ROD, SEE DETAIL 12/SO.1
	3/4" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 12/SO.1
	5/8" A307 DIAMETER THREADED ROD TERMINATES AT FIRST FLOOR TOP PLATE, SEE DETAIL 12/SO.1
	SIMPSON HTS 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	9'-1" MAX	2x4 SPF#2 @ 16" O.C.
EXTERIOR	10'-1" MAX	2x6 SPF#2 @ 16" O.C. @ 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. @ 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/16" 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 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/GRIDER PILES.
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.
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



04.19.22
Christopher J Sabourin
FL PE#71461

THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CHRISTOPHER J. SABOURIN, PE ON 04/19/2022. A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

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

PLAN NAME
BZEC
SSE No.
22-0154

ISSUE	DATE
PERMIT	04.19.22
REVISIONS	DATE

1.) WALL STUDS SPECIFIED ON PLAN SUPERSEDE THIS TABLE

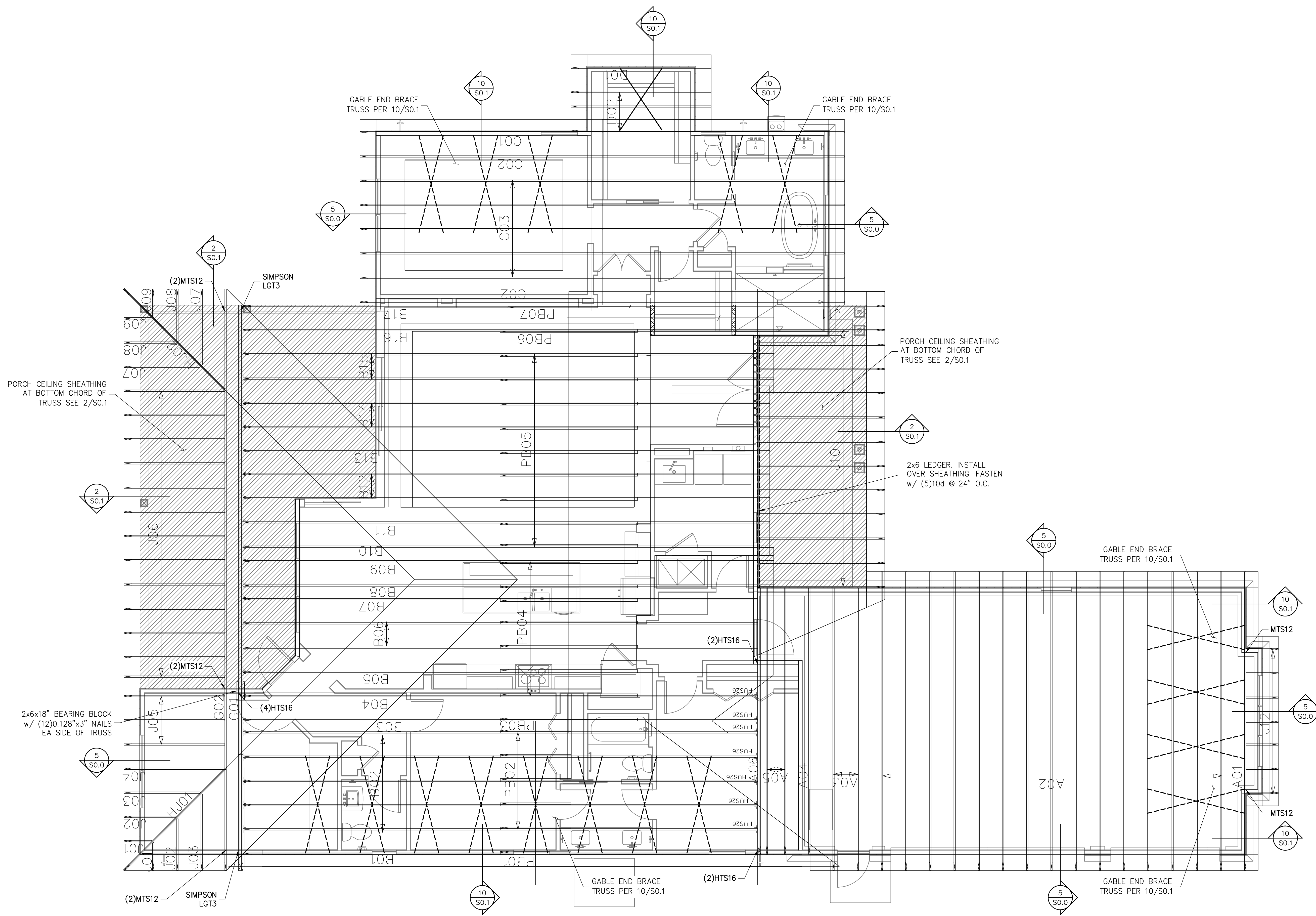
STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

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.

FIRST LEVEL WALL FRAMING PLAN

SHEET
S1.1
SHEET 5 OF 7



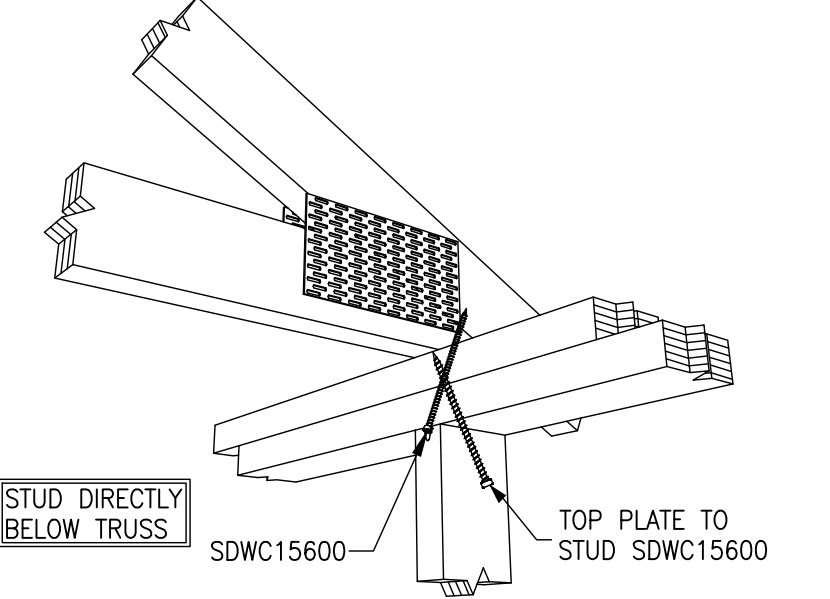
SYMBOLS LEGEND

HTS16 DESIGNATES UPLIFT CONNECTION.

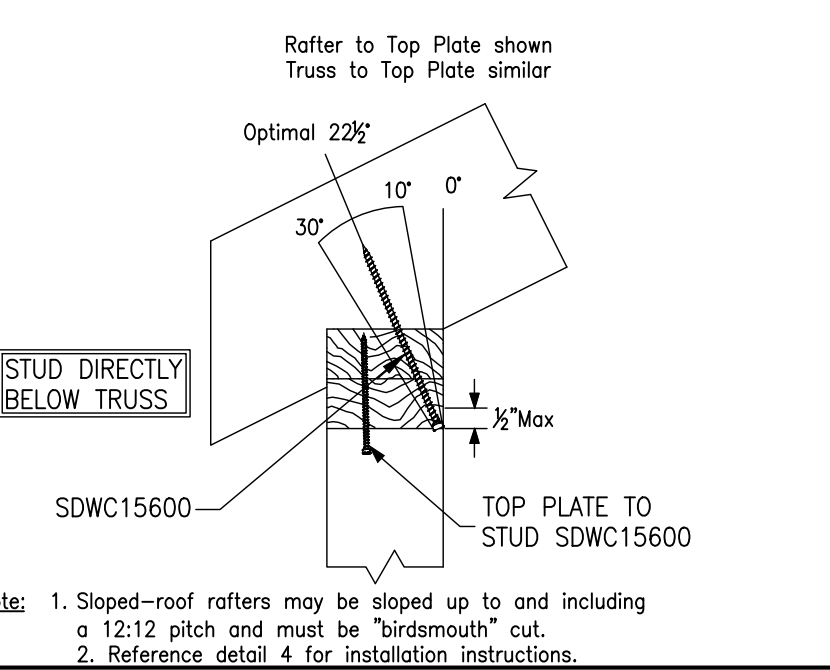
FRAMING PLAN NOTES:

- FOR TYPICAL ROOF SHEATHING AND FRAMING, SEE SHEET SO.0.
- FOR SPECIFIC UPLIFT CONNECTORS, SEE PLAN, MIN. (1)SDWC CONNECTOR.
- FOR GENERAL DESIGN SPECIFICATIONS SEE SHEET SO.0.
- WHEN USING (2)HTS16 CLIPS ON 1 1/2" WIDE LUMBER, PLACE CLIPS DIAGONALLY ACROSS DOUBLE TOP PLATE FROM EACH OTHER.

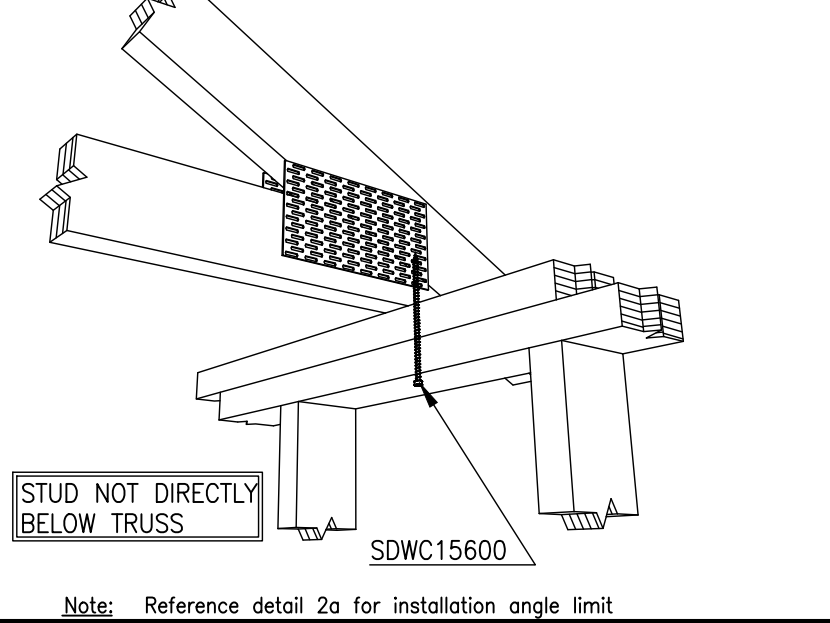
TRUSS FASTENING DETAILS



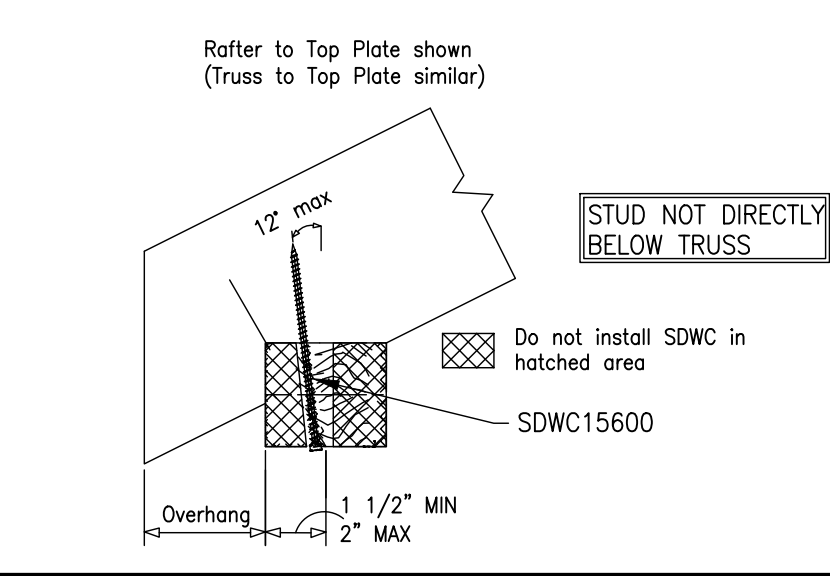
TRUSS TIE DOWN WITH SIMPSON SDWC



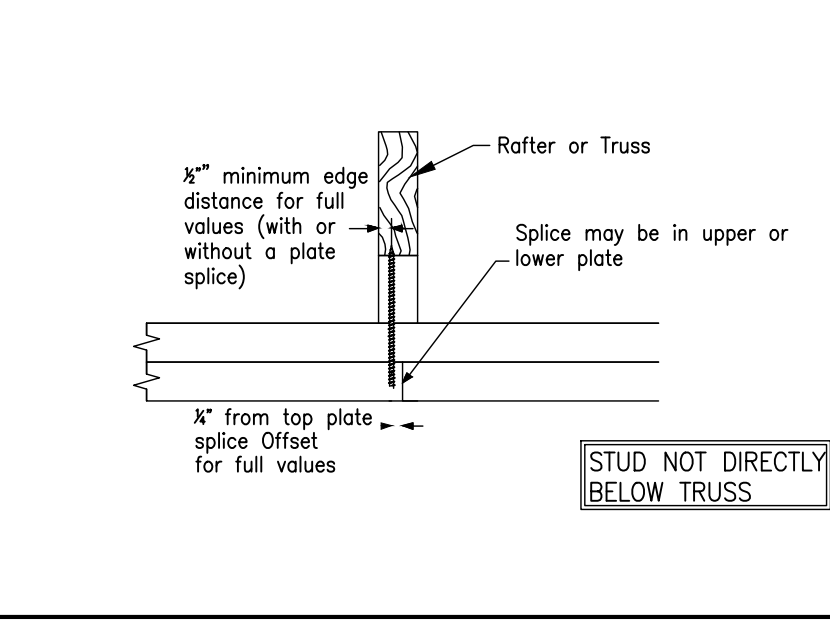
SIMPSON SDWC INSTALLATION RANGE



SDWC INSTALLATION



SDWC INSTALLATION RANGE



SDWC AT TOP PLATE SPLICE



04.19.22
Christopher J Sabourin
FL PE#71461

CHRISTOPHER J SABOURIN STATE OF FLORIDA PROFESSIONAL ENGINEER LICENSE NO. 71461

THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CHRISTOPHER J SABOURIN PE ON 04/19/2022. A SHA AUTHENTICATION CODE.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

SABO STRUCTURAL ENGINEERING

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

PLAN NAME
B2EC
SSE No.
22-0154

ISSUE	DATE
PERMIT	04.19.22
REVISIONS	DATE

ISSUE DATE
PERMIT 04.19.22
REVISIONS DATE

STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

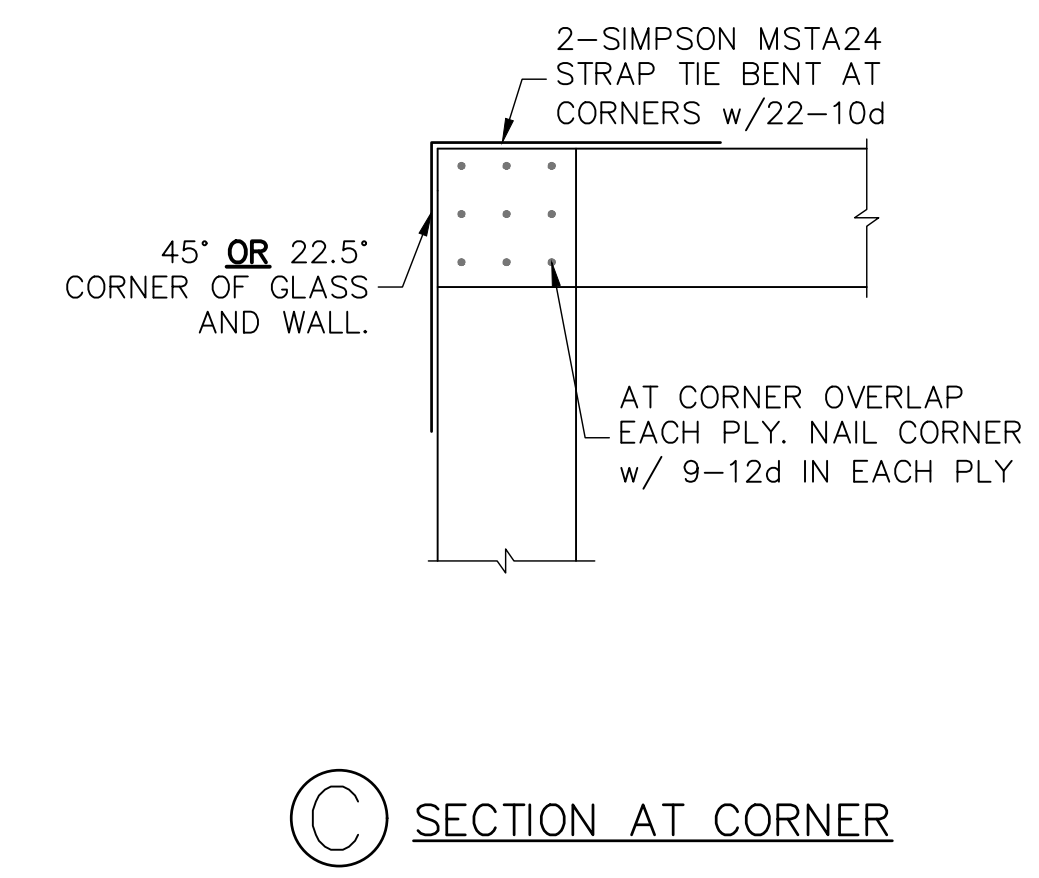
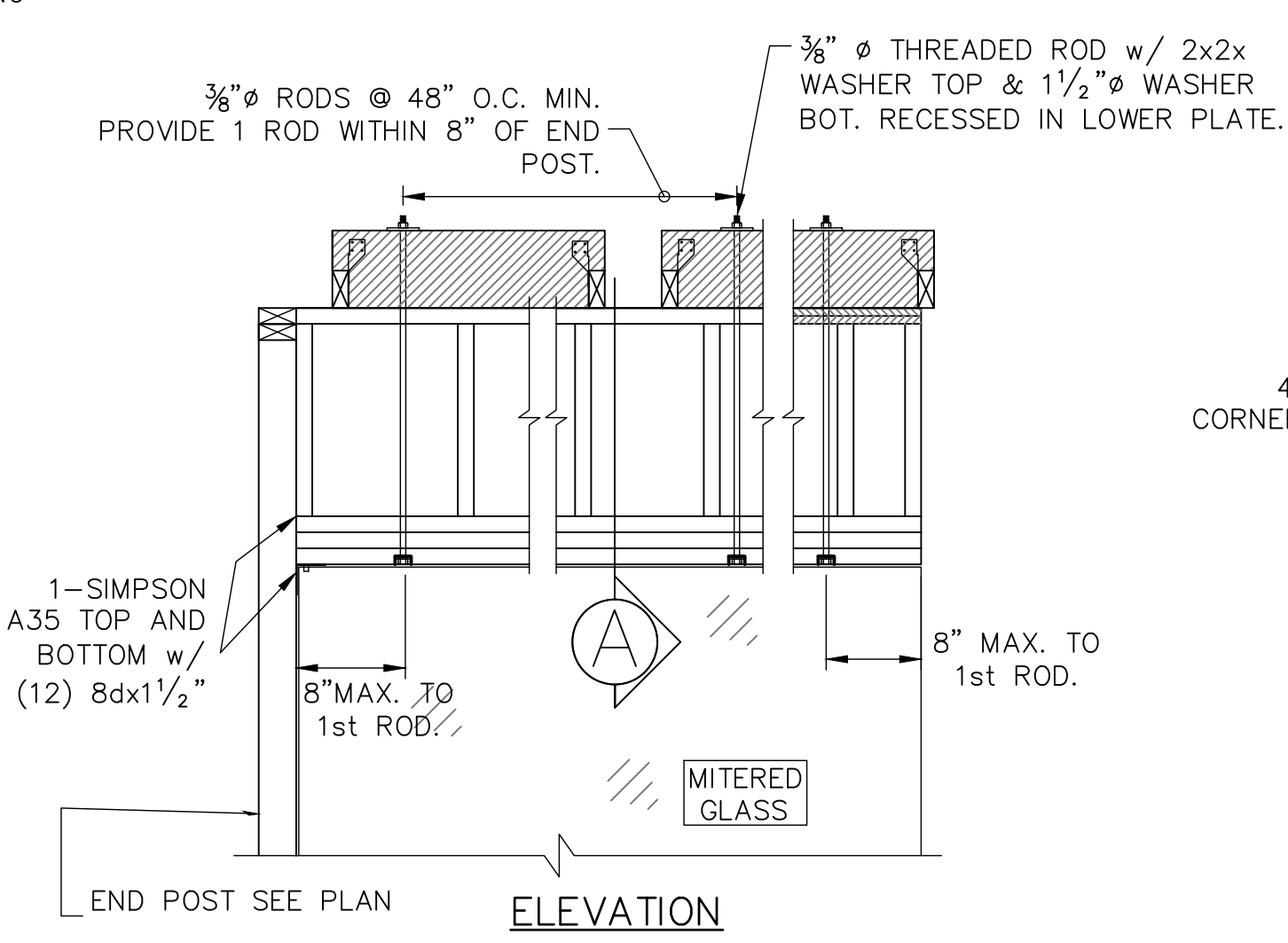
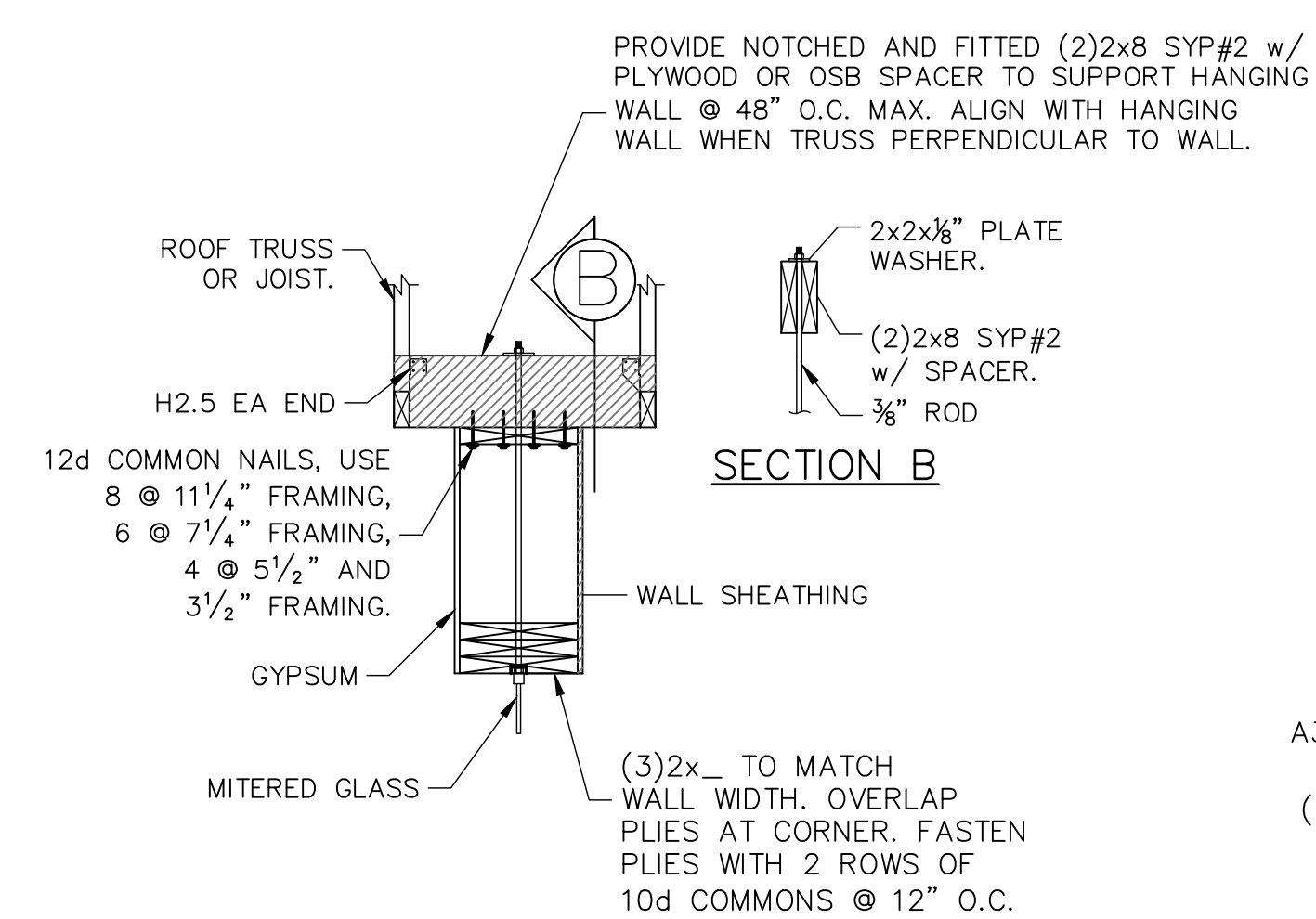
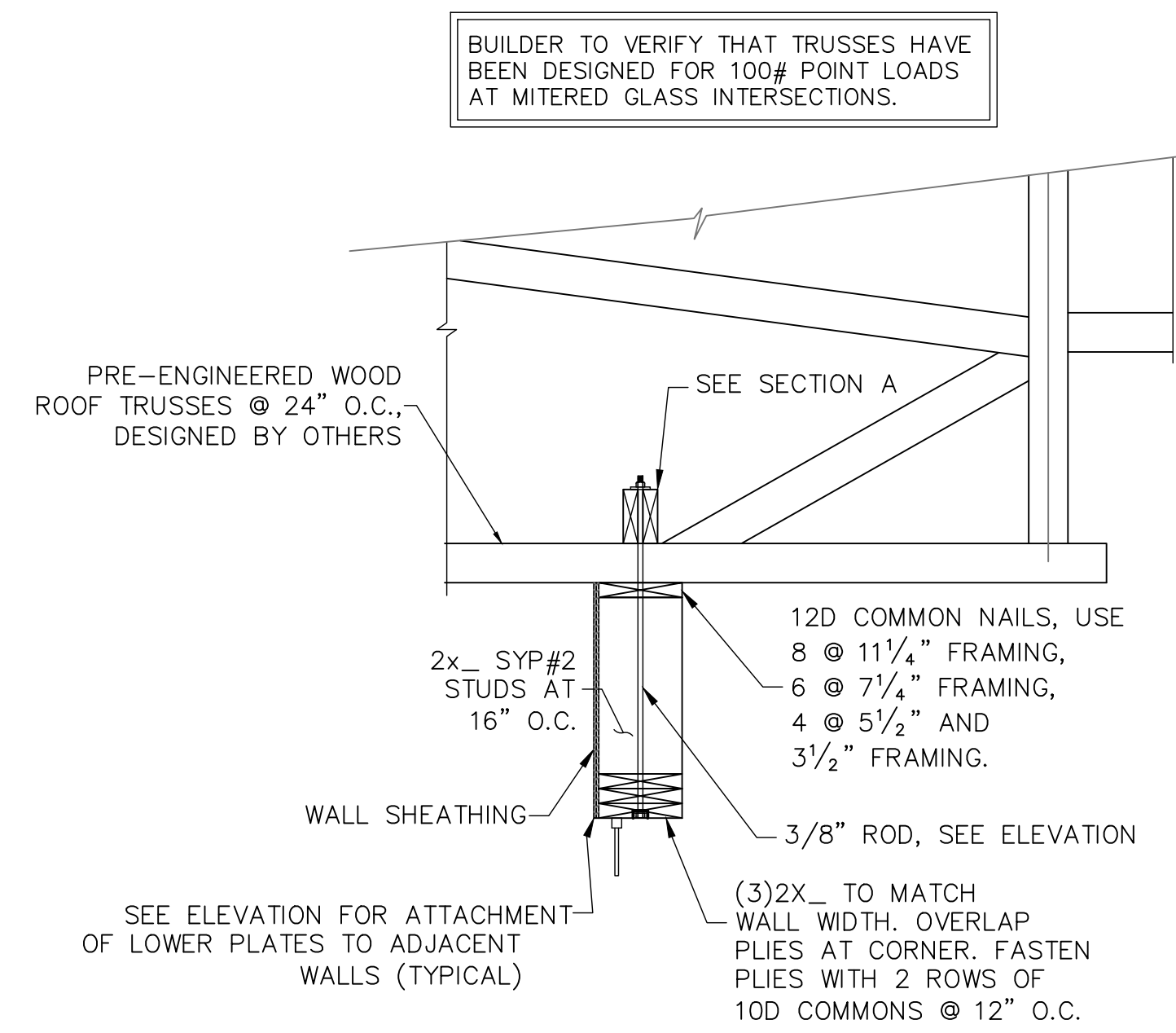
FIELD ALTERATION

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.

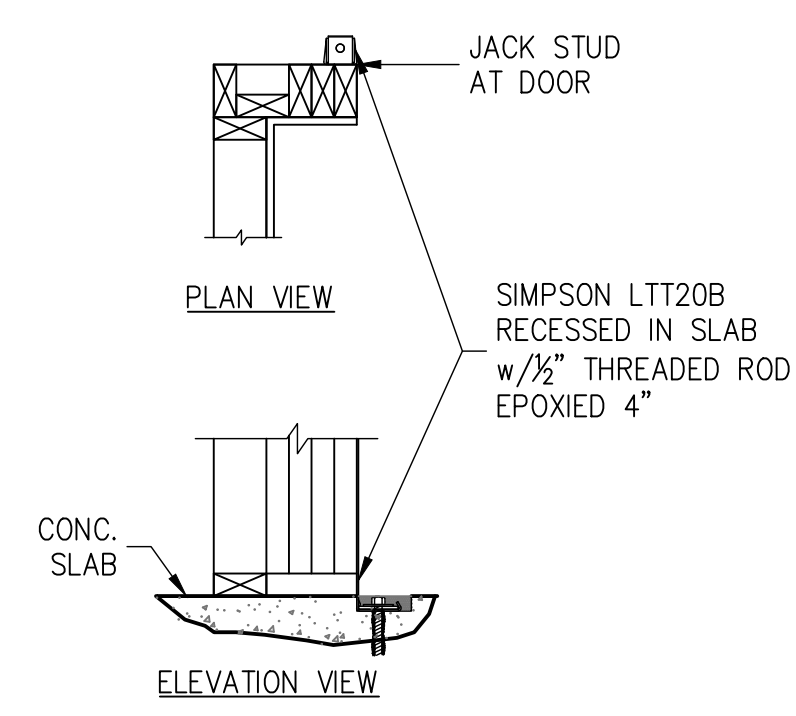
SCALING

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

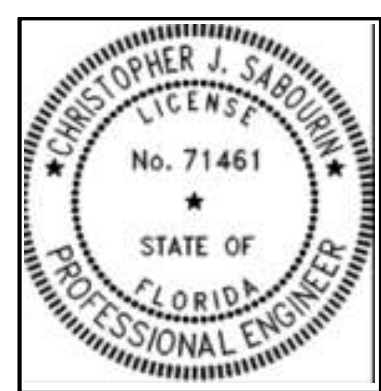
ROOF TRUSS PLACEMENT PLAN



1 MITERED WINDOW HEAD FRAMING
SCALE: N.T.S.



WHEN NOTED 2 DOOR JAMB FASTENING
THIS DETAIL ONLY APPLIES WHEN NOTED ON PLAN



04.19.22
Christopher J. Sabourin
FL PE #71461

THIS DOCUMENT HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CHRISTOPHER J. SABOURIN, PE ON 04/19/2022. A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

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

PLAN NAME
B2EC
SSE No.
22-0154

ISSUE	DATE
PERMIT	04.19.22
REVISIONS	DATE

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.

STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

MISC DETAILS

SHEET
S2.0
SHEET 7 OF 7