



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

ISSUE
DATE
PERMIT
04.19.22
REVISIONS
DATE

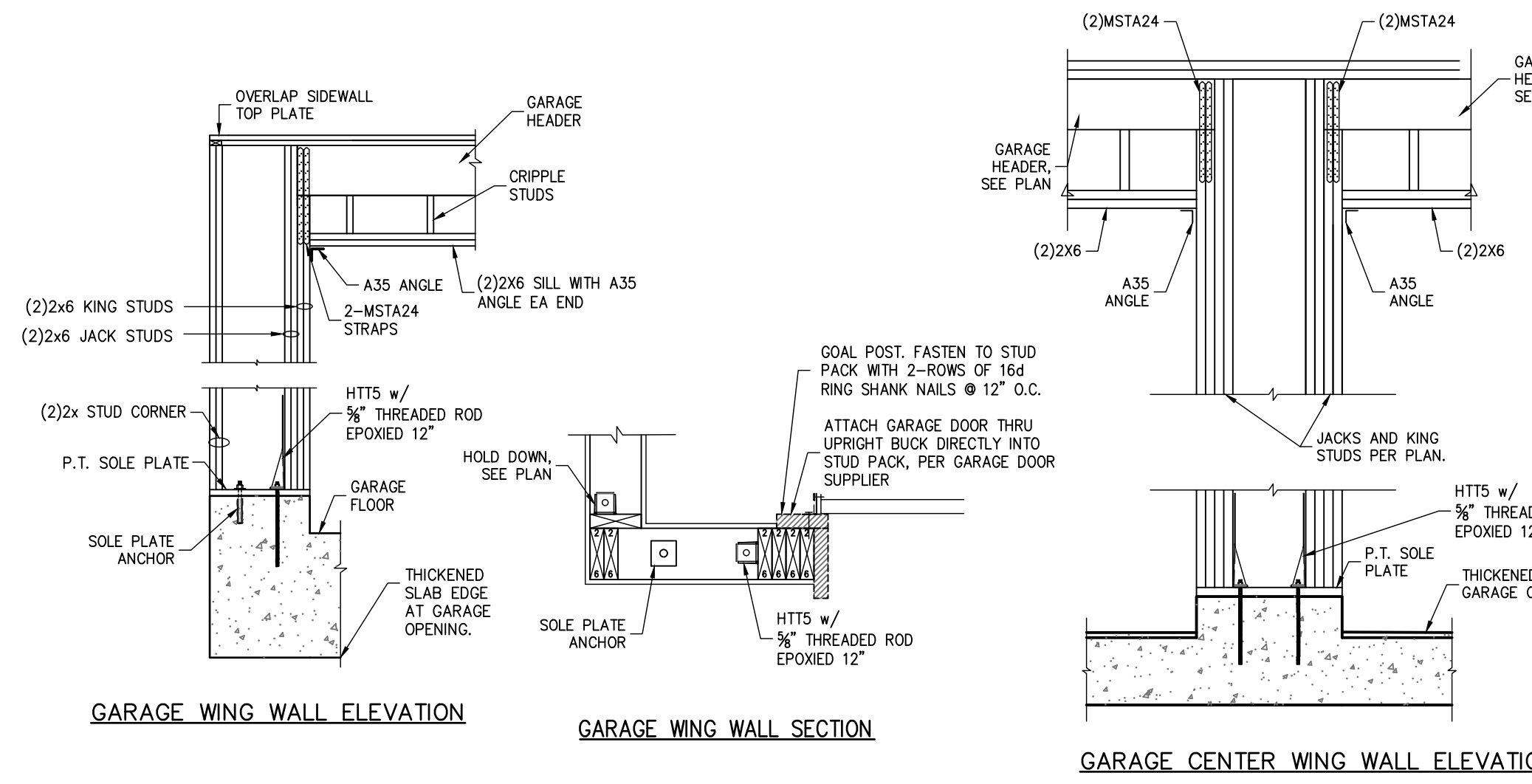
STRUCTURAL ENGINEERING FOR
THE JORDAN RESIDENCE

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.

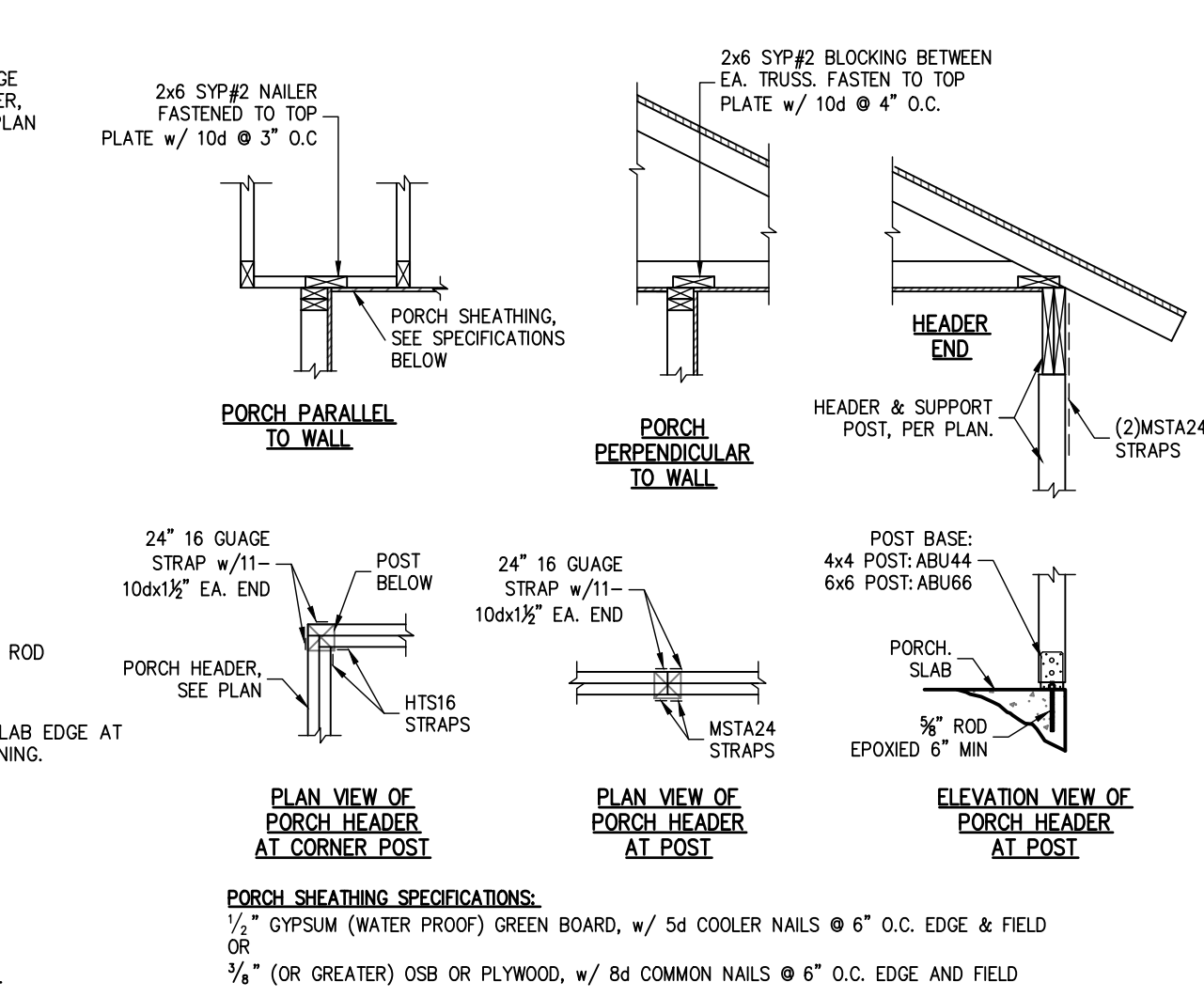
SCALING
DO NOT SCALE DIMENSIONS FROM THESE DRAWINGS. IF A DIMENSION IS UNCLEAR REFER TO THE ARCHITECTURAL DRAWINGS OR CONTACT THE F.O.R.

TYPICAL
FRAMING
DETAILS

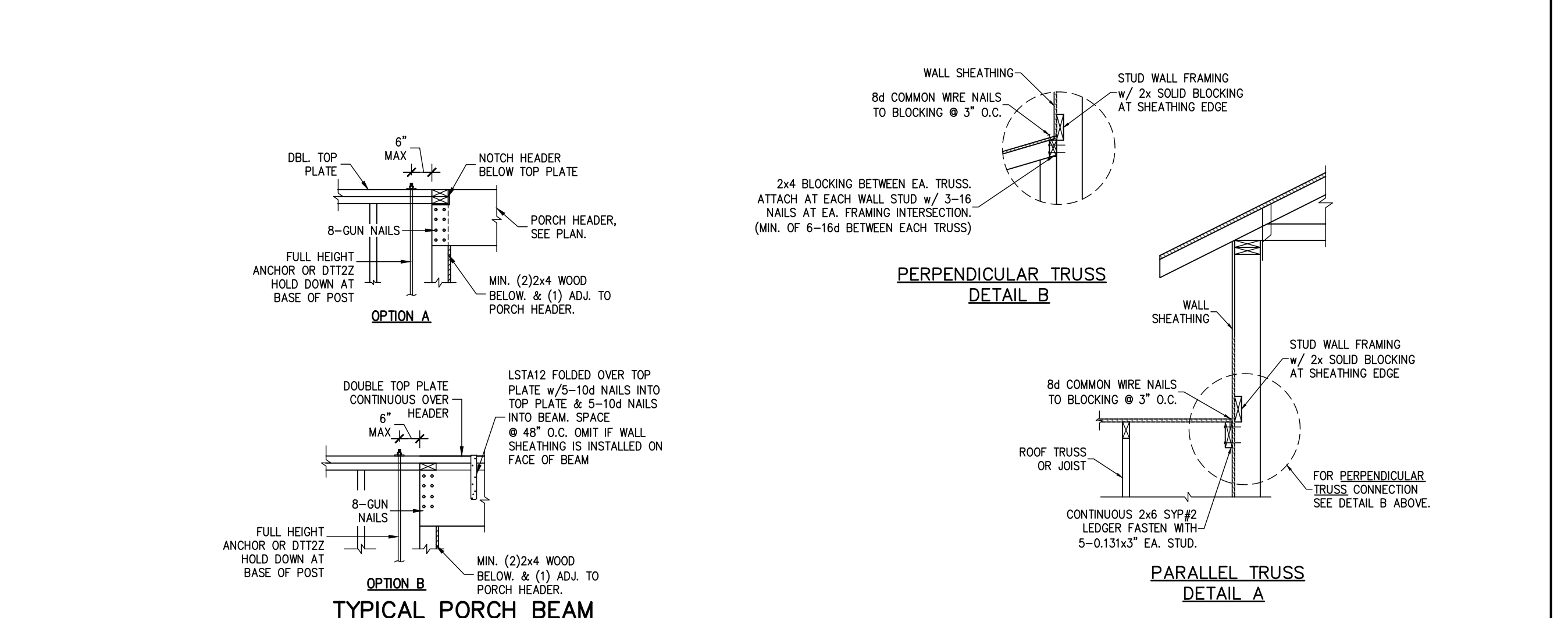
SHEET
S0.1
SHEET 2 OF 7



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

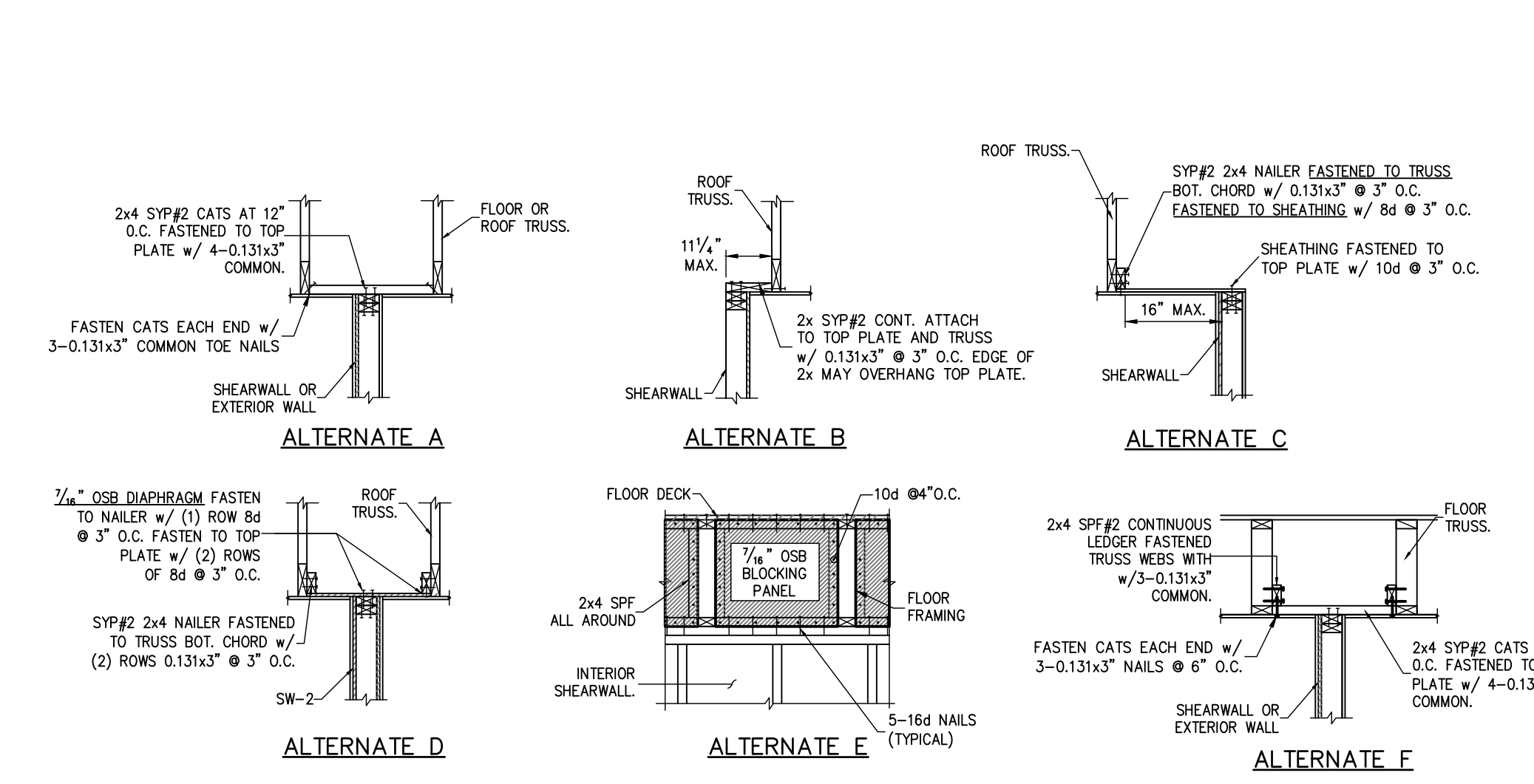


2 TYPICAL PORCH FRAMING DETAILS
SCALE: N.T.S.

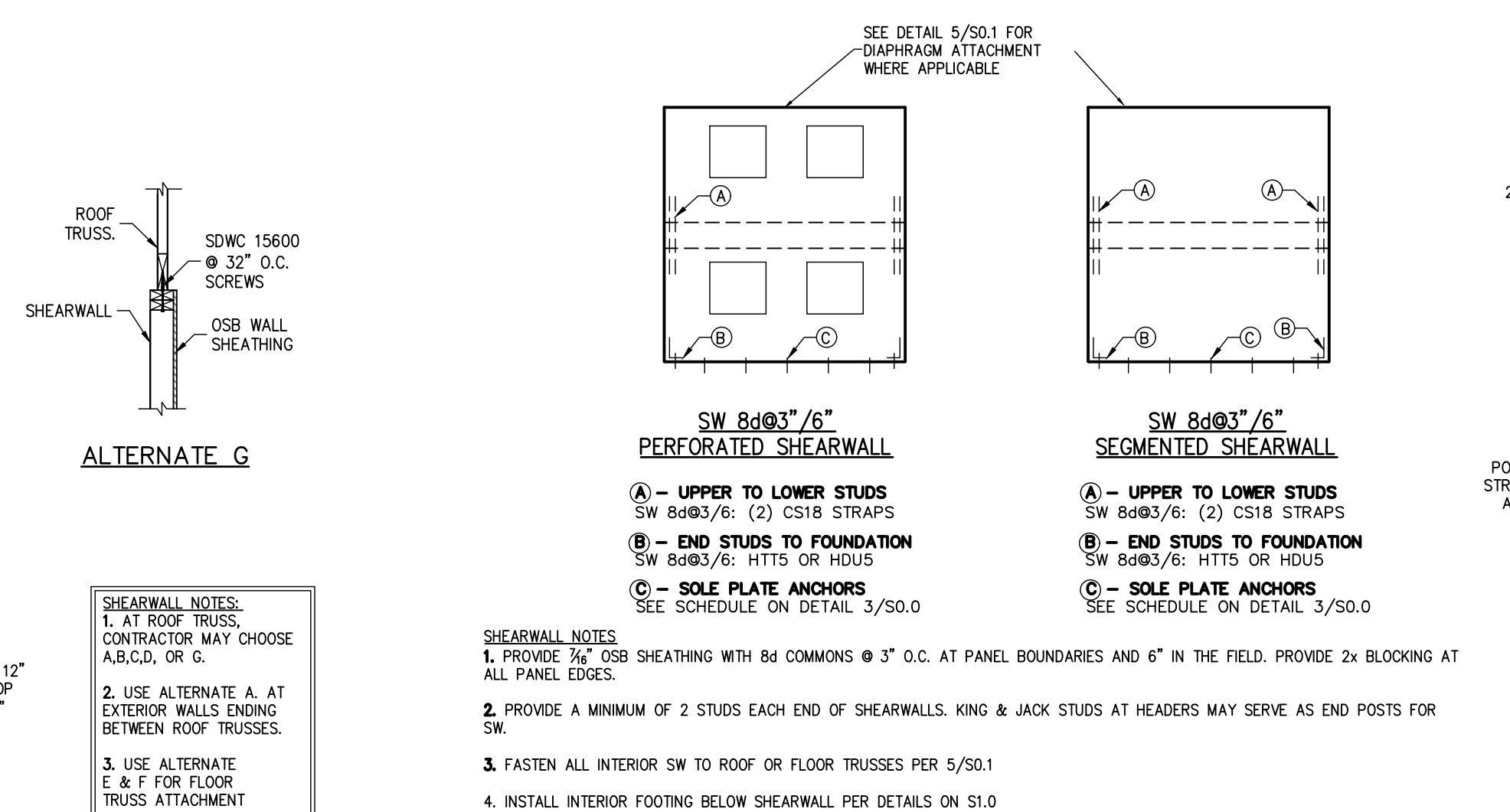


3 TYPICAL PORCH BEAM CONNECTION
SCALE: N.T.S.

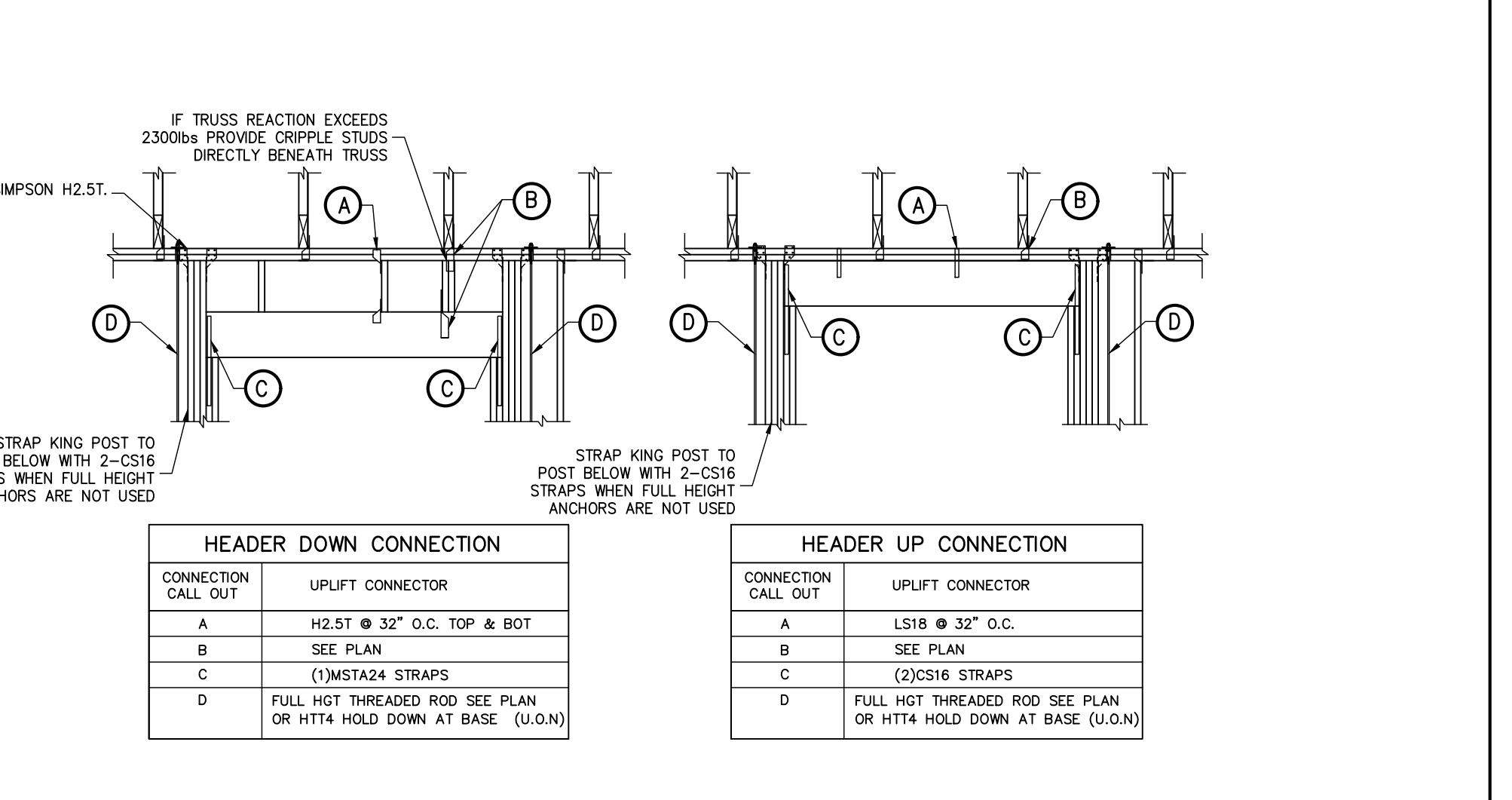
4 WALL ADJ. TO ROOF CONNECTION
SCALE: N.T.S.



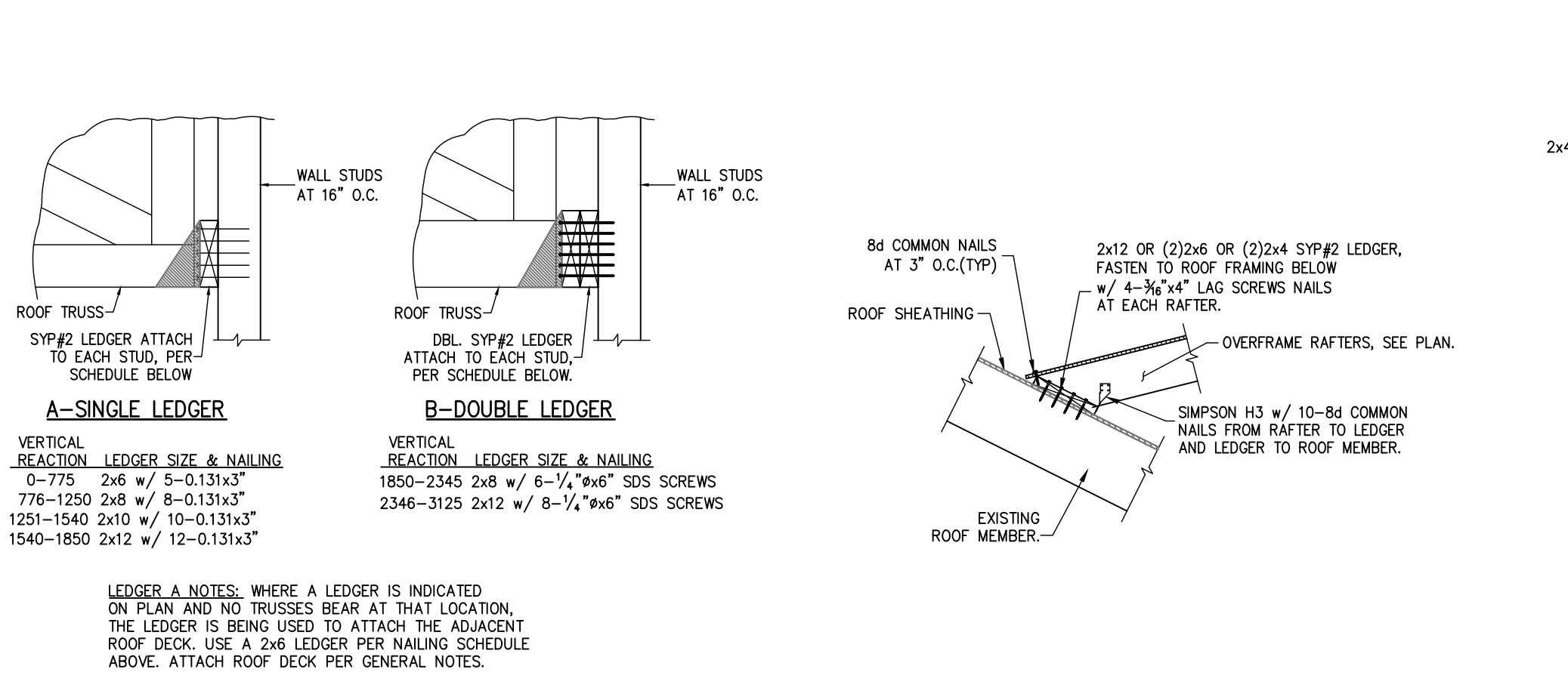
5 SHEARWALL ATTACHMENT AT ROOF & FLOOR
SCALE: N.T.S.



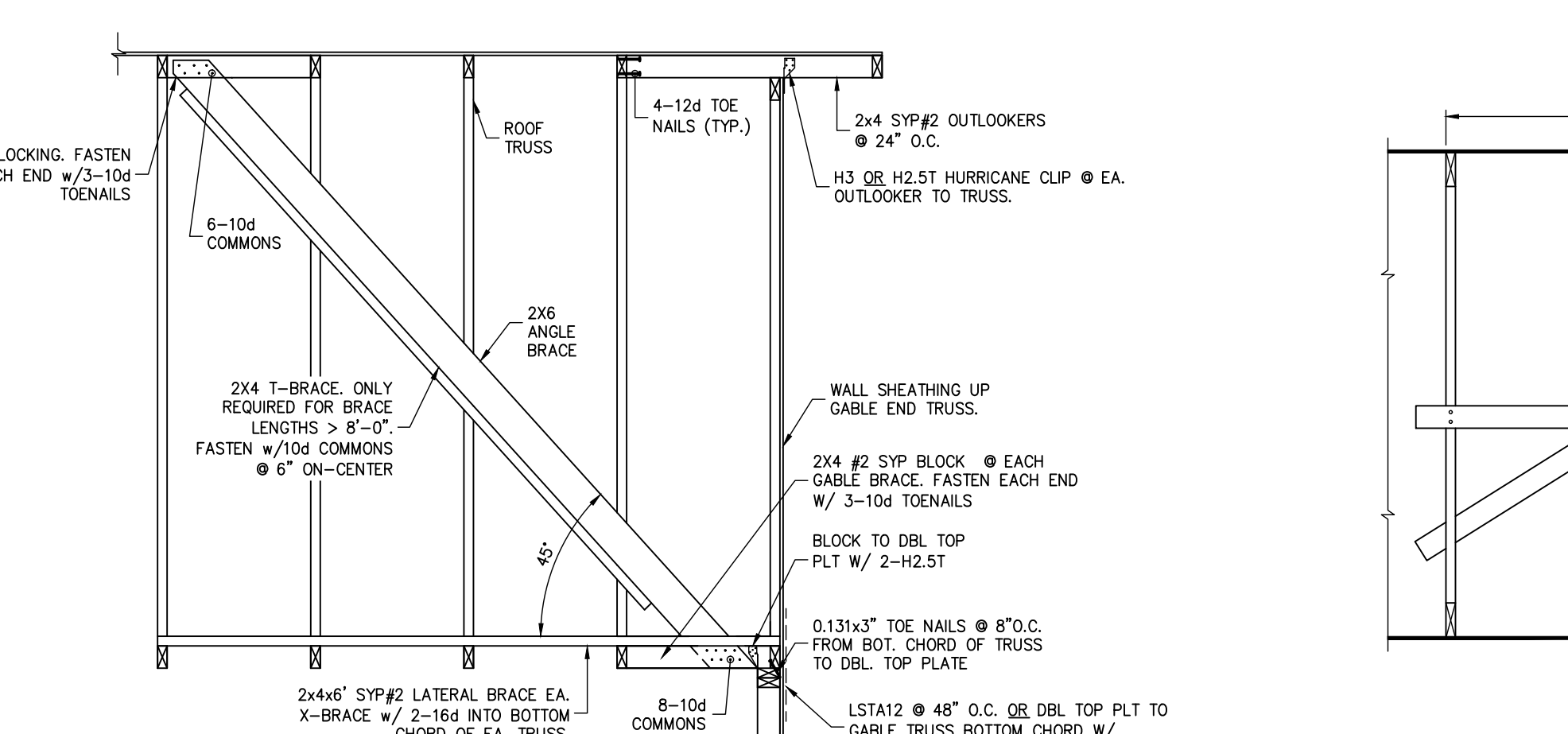
6 TYPICAL SHEARWALL ELEVATION
SCALE: N.T.S.



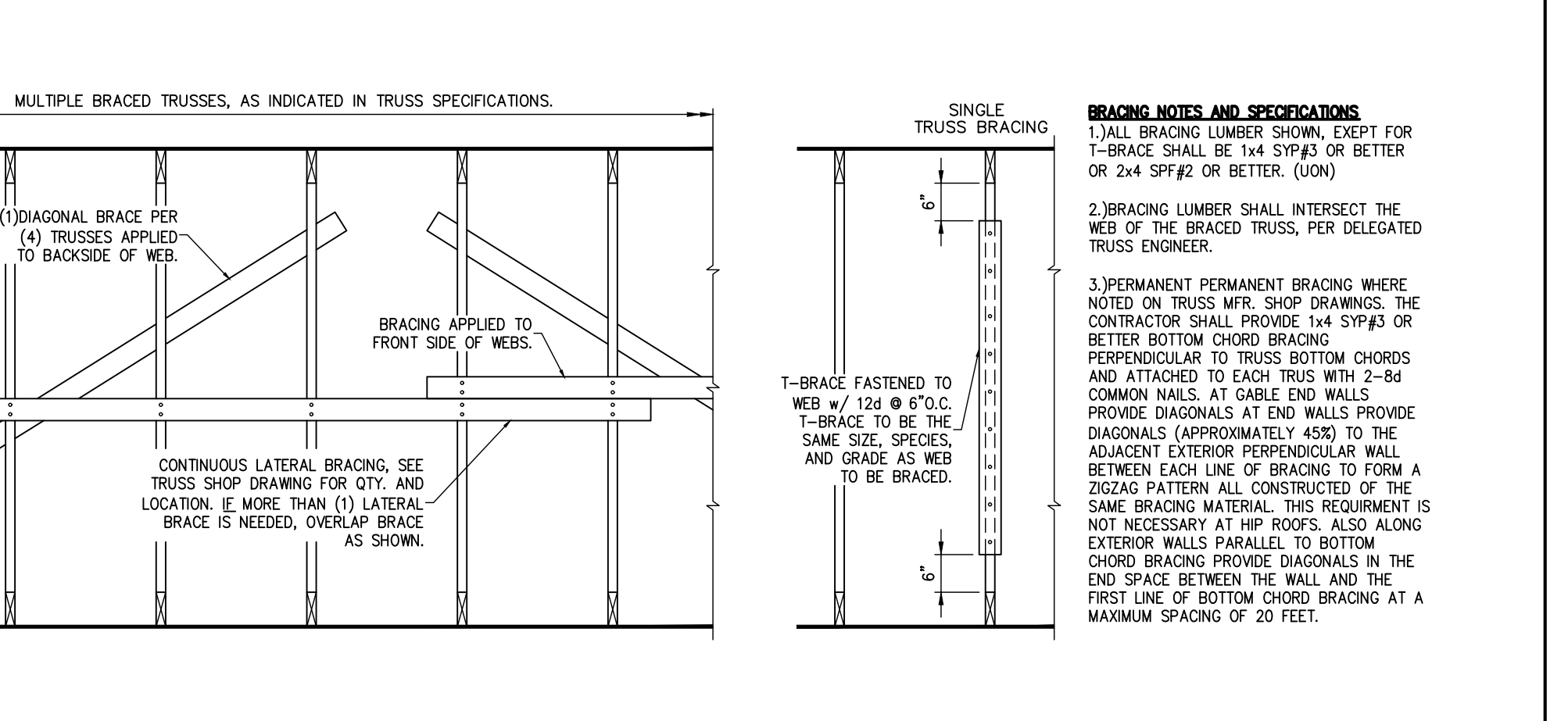
7 HEADER TIE DOWN
SCALE: N.T.S.



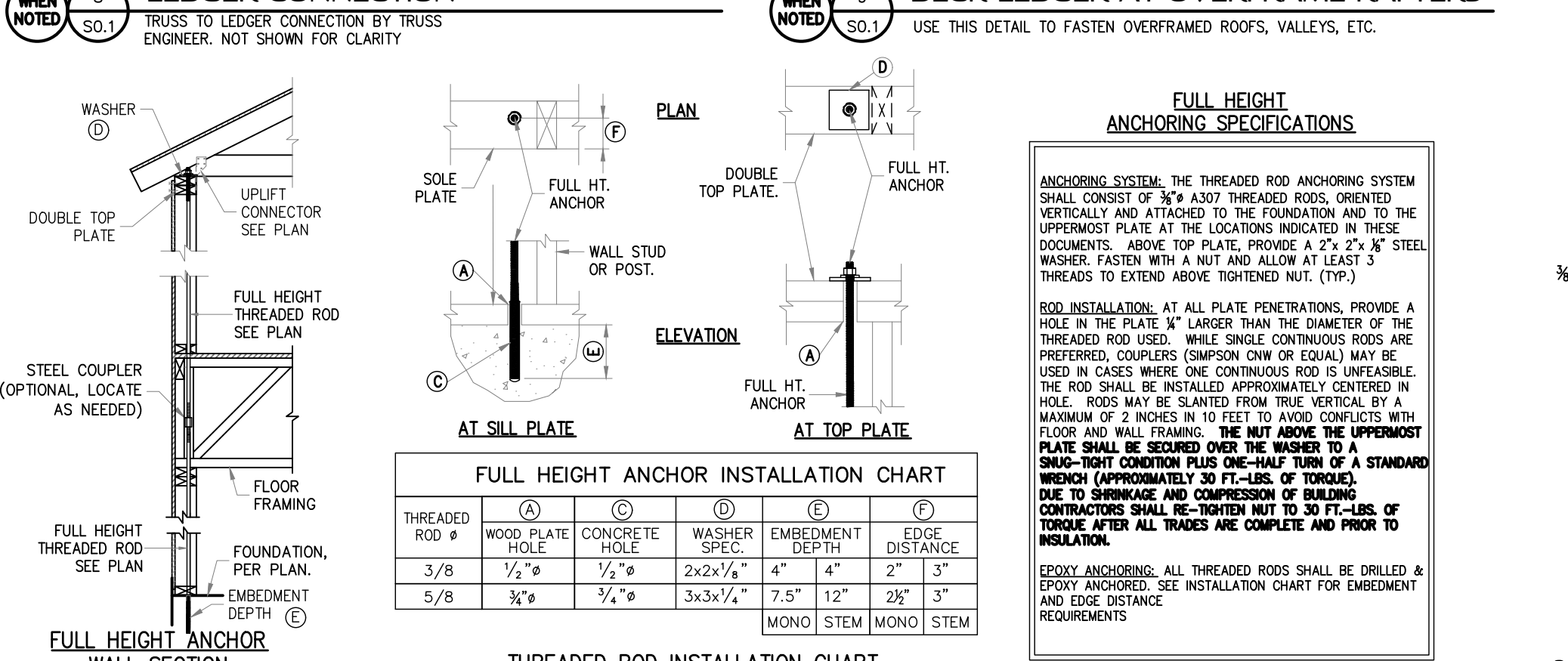
8 LEDGER CONNECTION
SCALE: N.T.S.



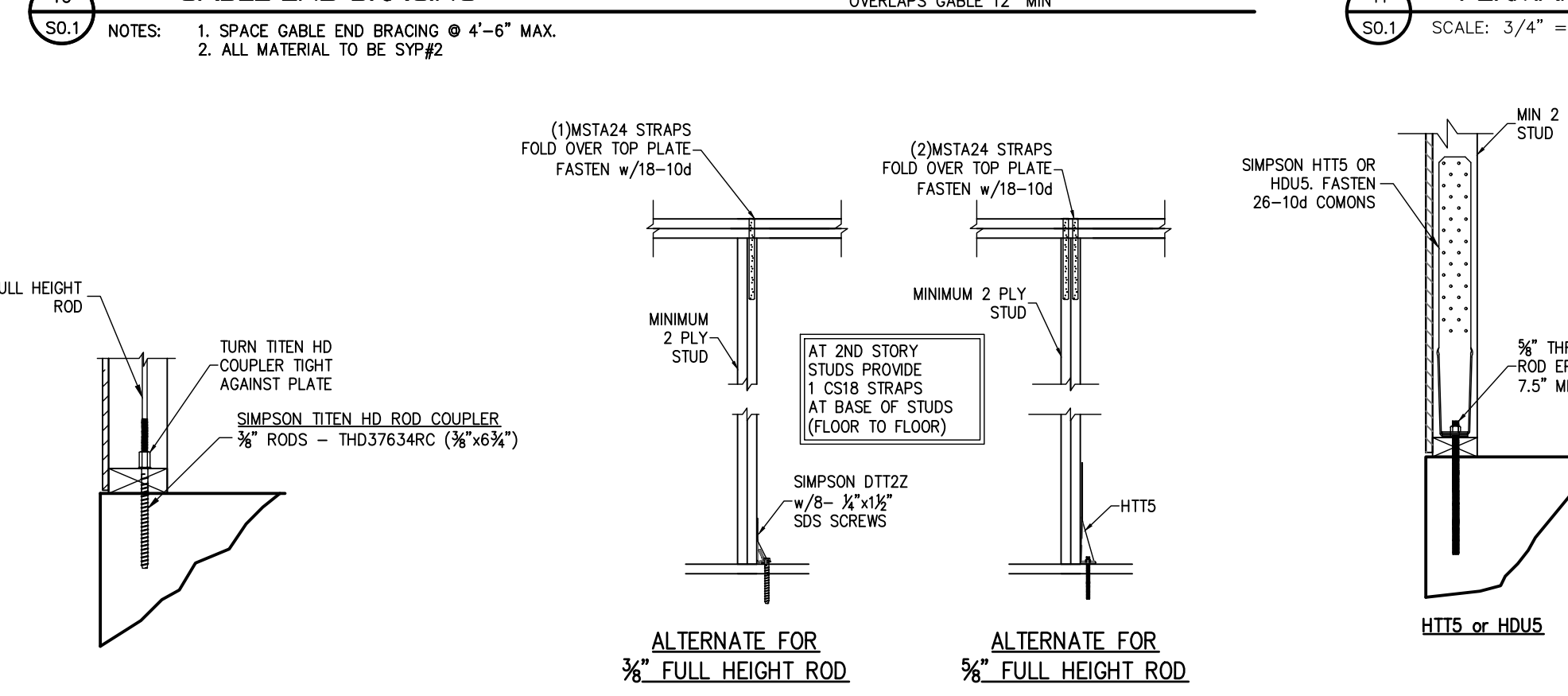
10 GABLE END BRACING
SCALE: N.T.S.



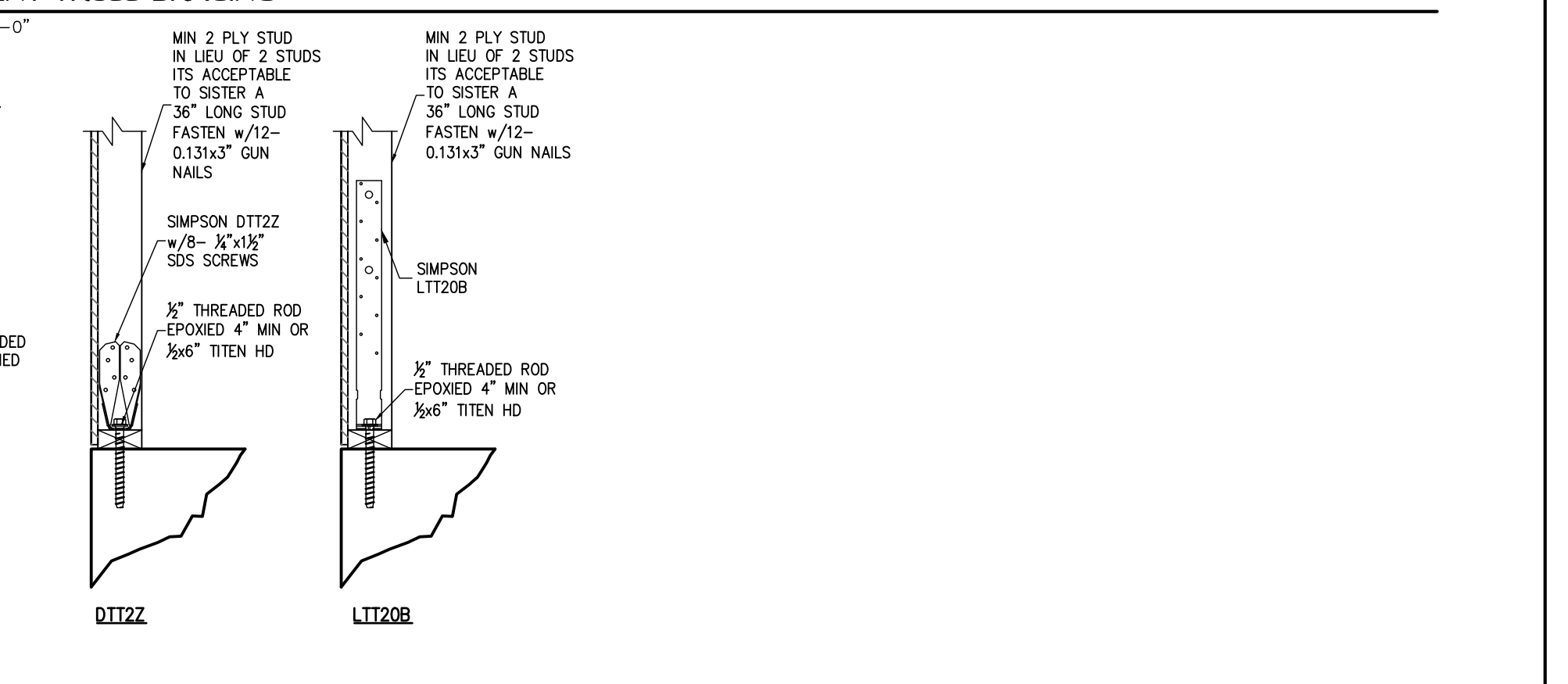
11 PERMANENT TRUSS BRACING
SCALE: 3/4" = 1'-0"



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



12 FULL HEIGHT ROD ALTERNATE ATTACHMENT
SCALE: N.T.S.



13 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 |

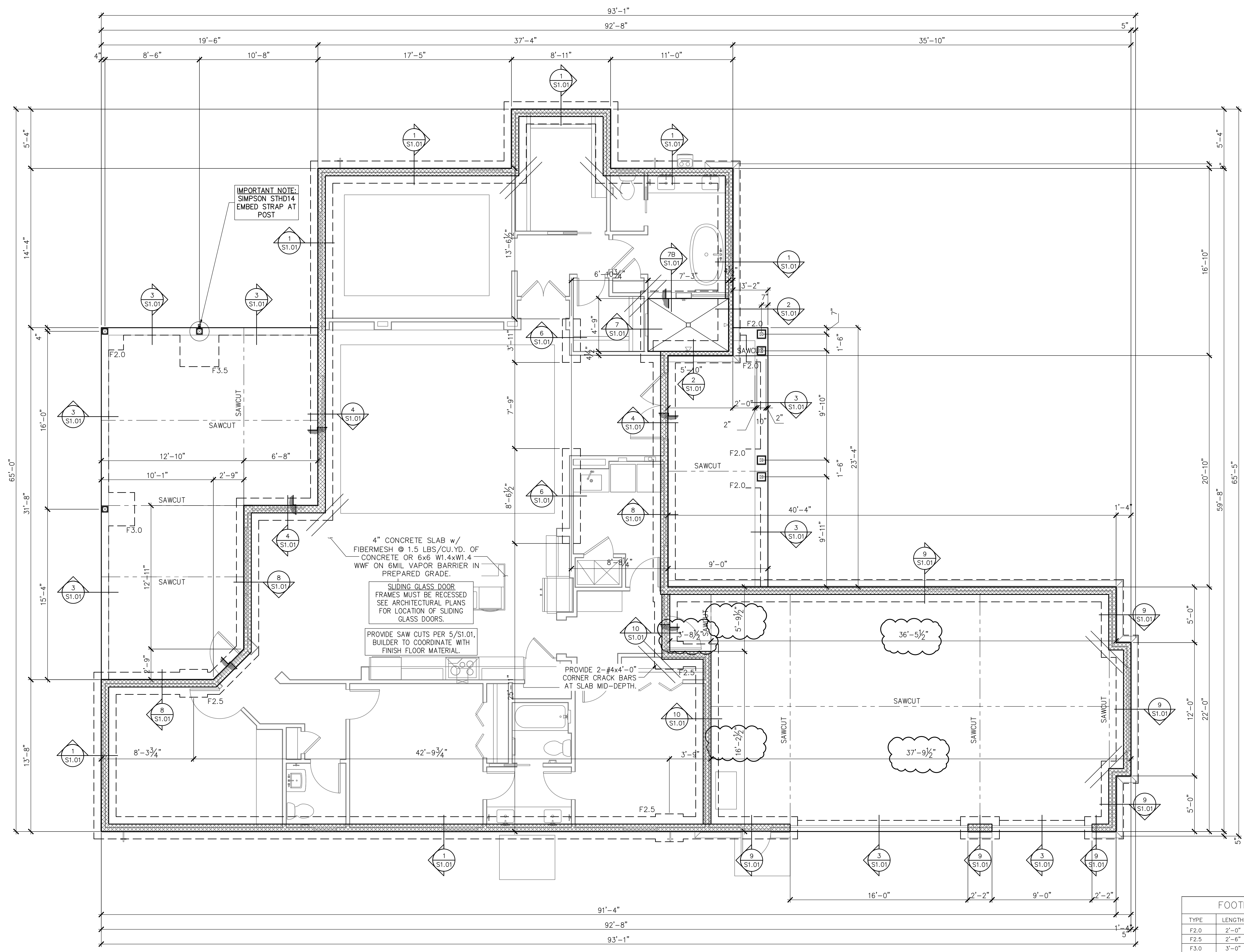
STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

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



IMPORTANT NOTE:
SIMPSON STHD14
EMBED STRAP AT
POST

4" CONCRETE SLAB w/
FIBERMESH @ 1.5 LBS/CU.YD. OF
CONCRETE OR 6x6 W1.4xW1.4
WWF ON 6MIL VAPOR BARRIER IN
PREPARED GRADE.

SLIDING GLASS DOOR
FRAMES MUST BE RECESSED
SEE ARCHITECTURAL PLANS
FOR LOCATION OF SLIDING
GLASS DOORS.

PROVIDE SAW CUTS PER 5/S1.01.
BUILDER TO COORDINATE WITH
FINISH FLOOR MATERIAL.

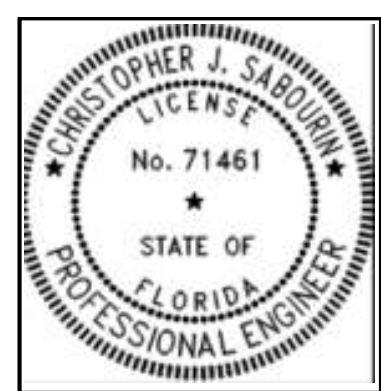
PROVIDE 2-#4x4'-0"
CORNER CRACK BARS
AT SLAB MID-DEPTH.

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

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. |

- 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.
- FTGS. & FND. SHALL BE IN ACCORDANCE w/ LOCAL BUILDING CODES.
- SOIL COMPACTION AND FILL SHALL BE COMPACTED TO A MIN. OF 95% MODIFIED PROCTOR IN ACCORDANCE WITH ASTM D 1557.



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 |

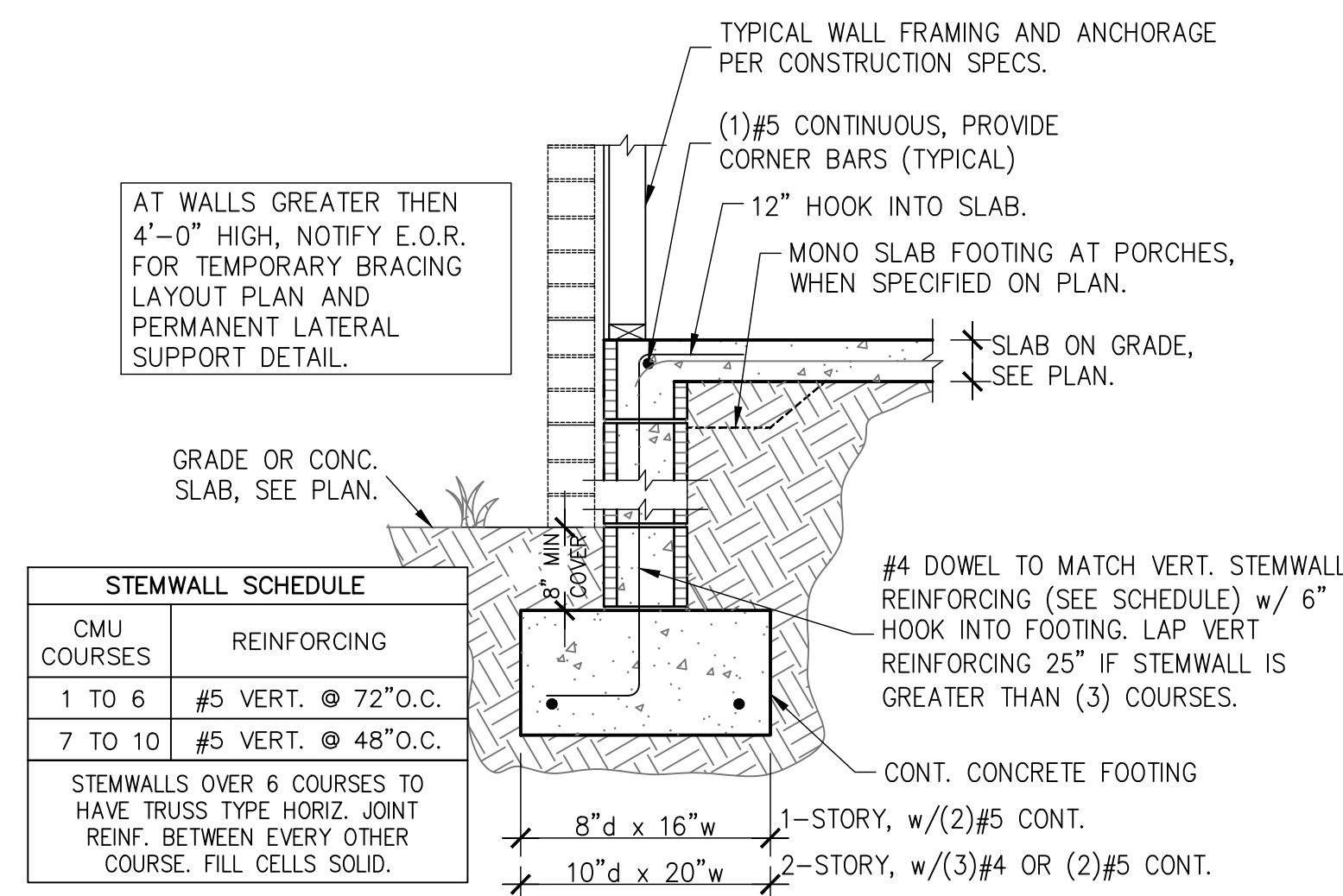
| | |
|-----------|----------|
| ISSUE | DATE |
| PERMIT | 04.19.22 |
| REVISIONS | DATE |

STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

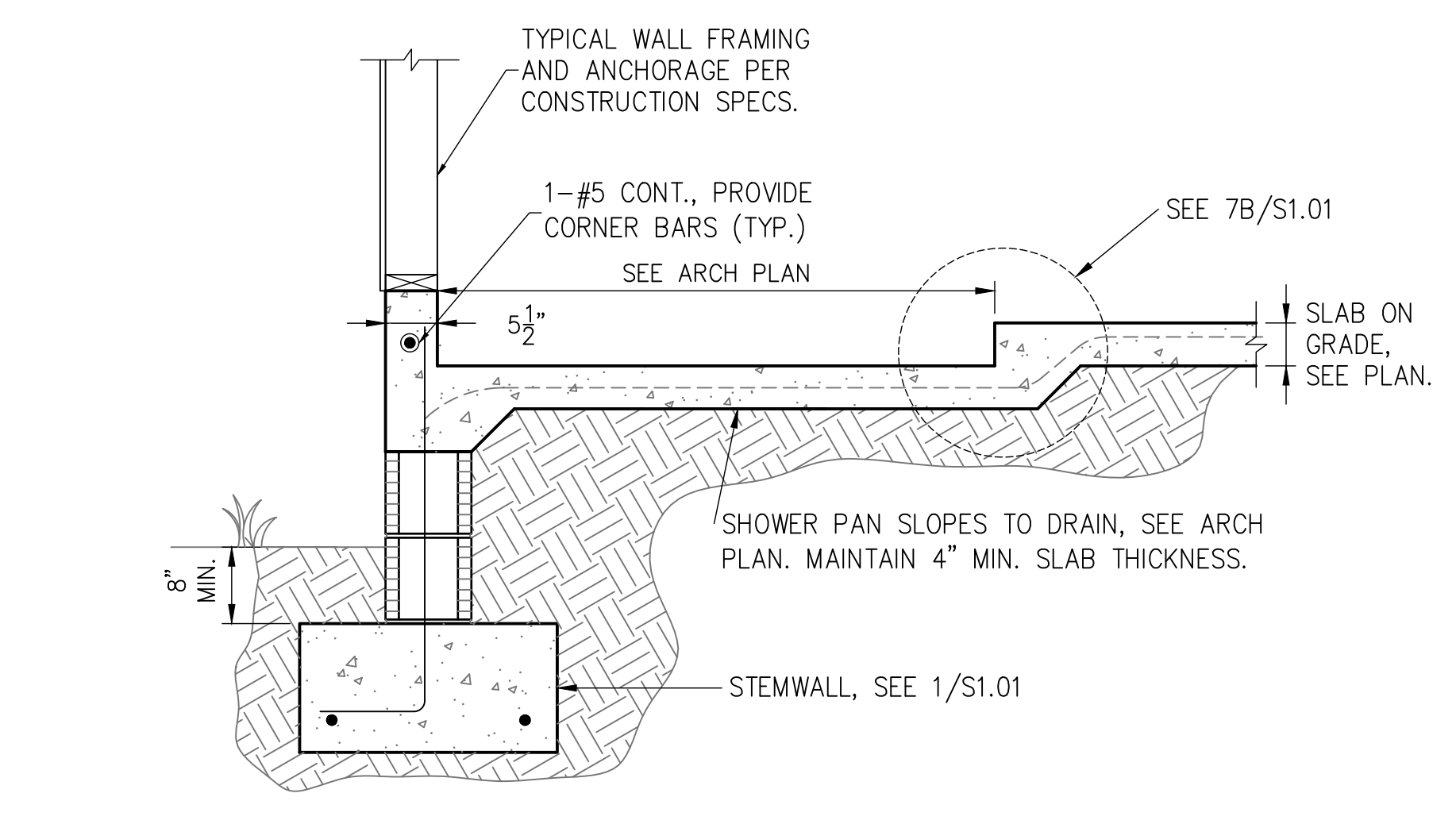
FIELD ALTERATION
CONTRACTOR SHALL CONTACT SABO STRUCTURAL ENGINEERING PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER J. SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING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

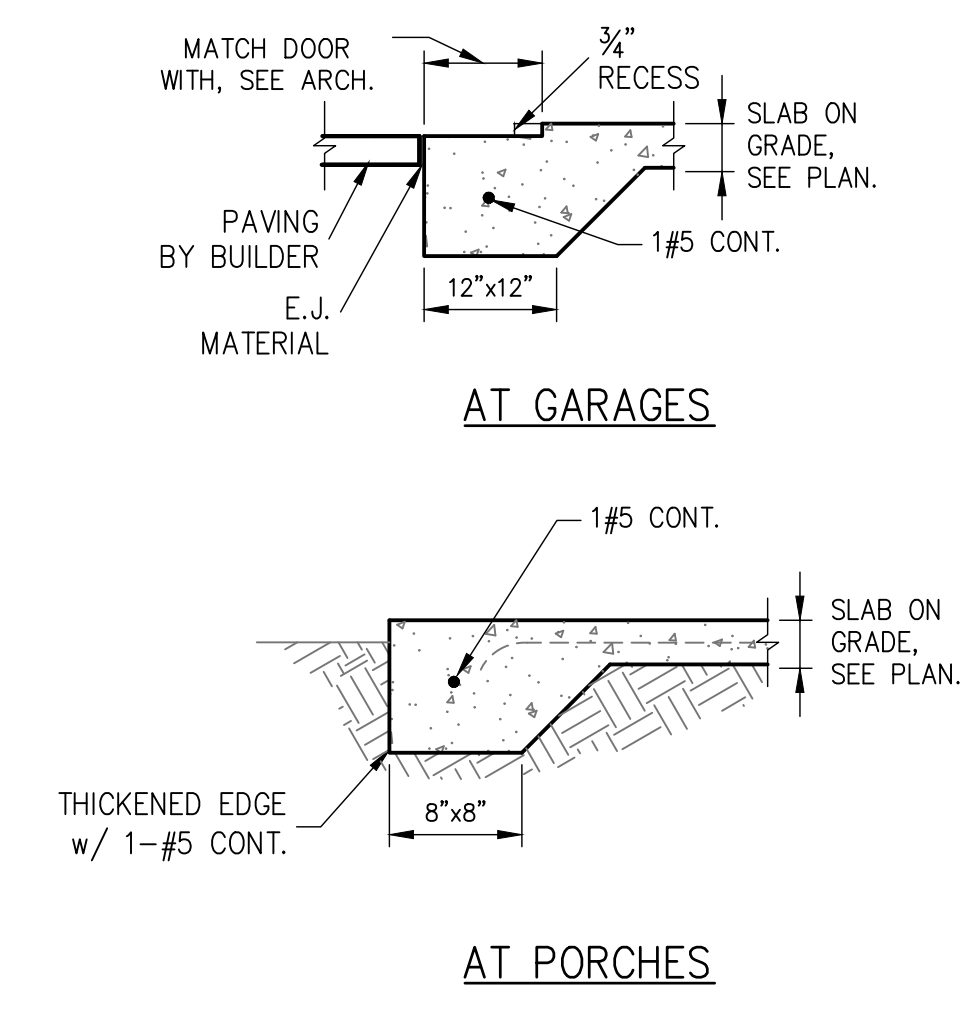
FOUNDATION DETAILS



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



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

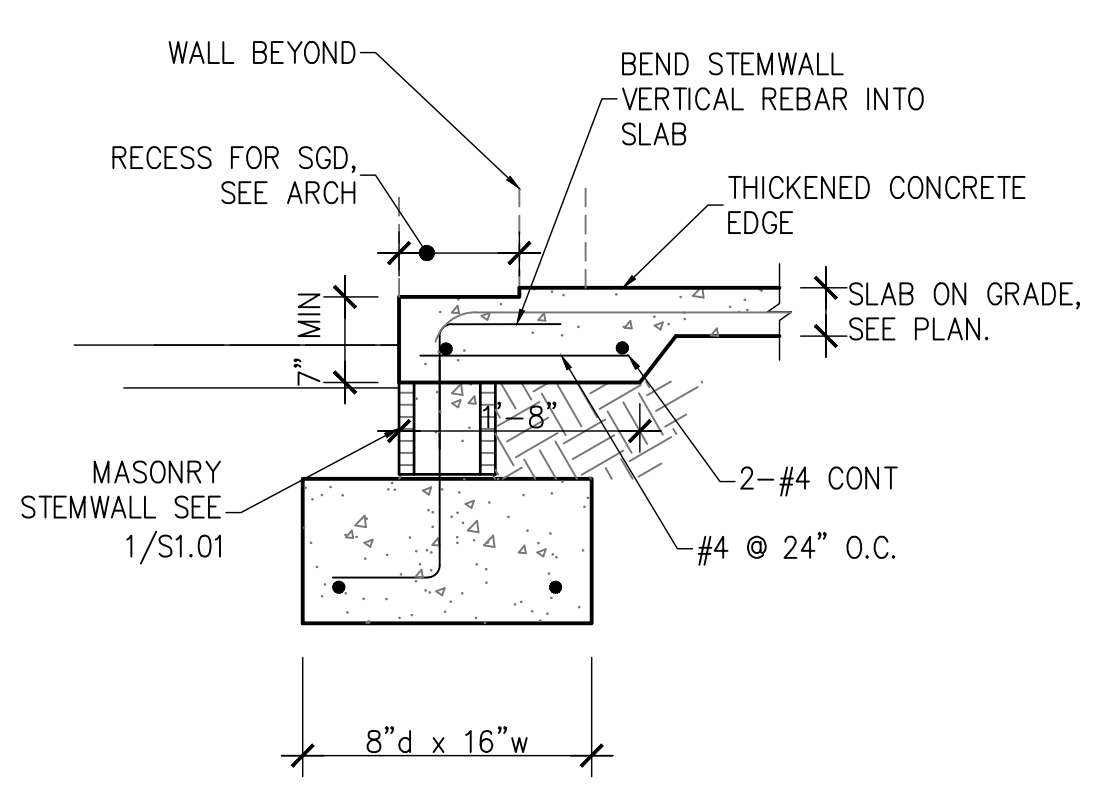


3 THICKENED SLAB
S1.01 SCALE: 3/4" = 1'-0"

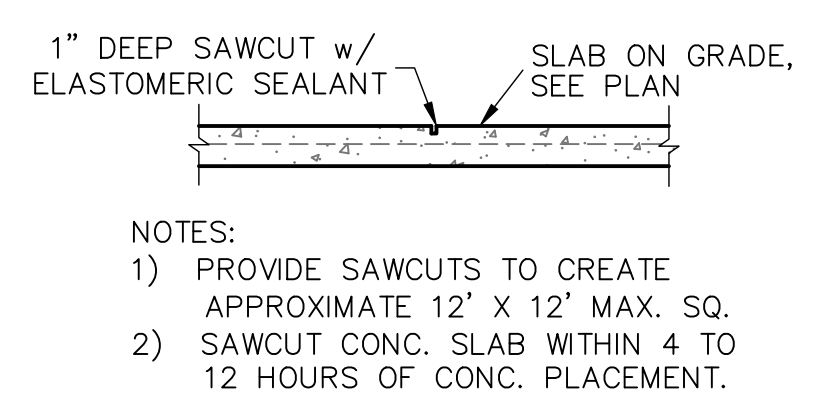
AT WALLS GREATER THAN 4'-0" HIGH, NOTIFY E.O.R. FOR TEMPORARY BRACING LAYOUT PLAN AND PERMANENT LATERAL SUPPORT DETAIL.

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

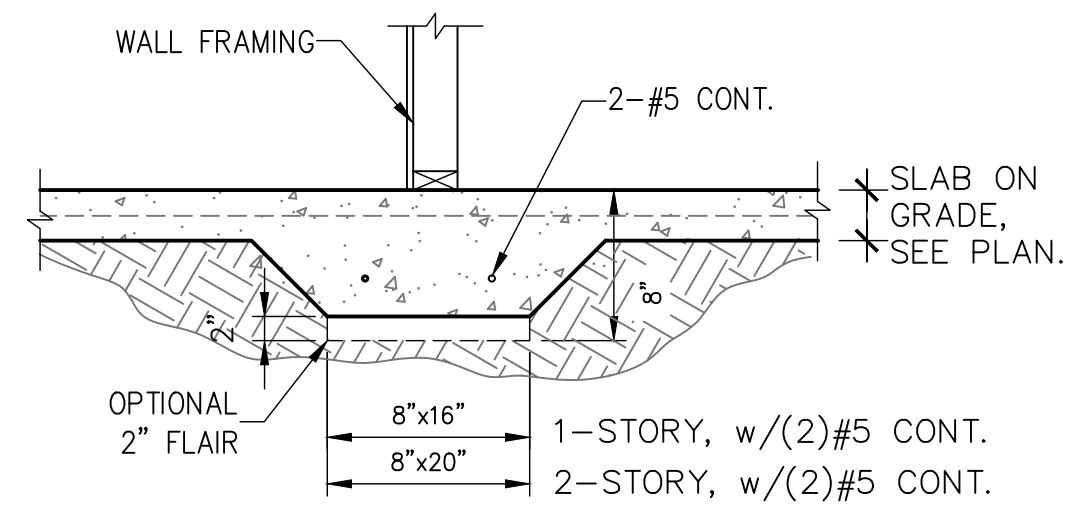
STEMWALLS OVER 6 COURSES TO HAVE TRUSS TYPE HORIZ. JOINT REINF. BETWEEN EVERY OTHER COURSE. FILL CELLS SOLID.



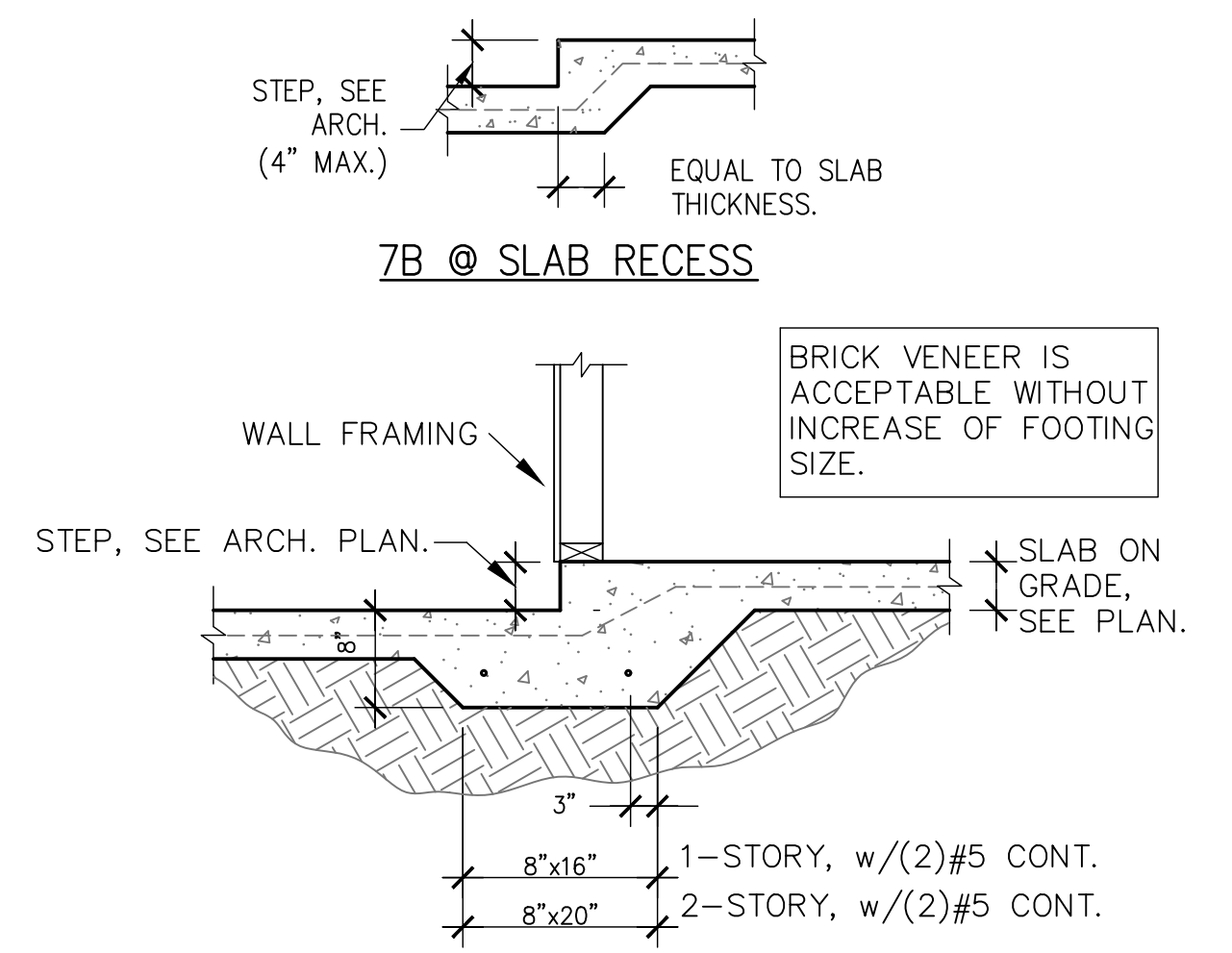
4 STEMWALL FOOTING AT SLIDER
S1.01 SCALE: 3/4" = 1'-0"



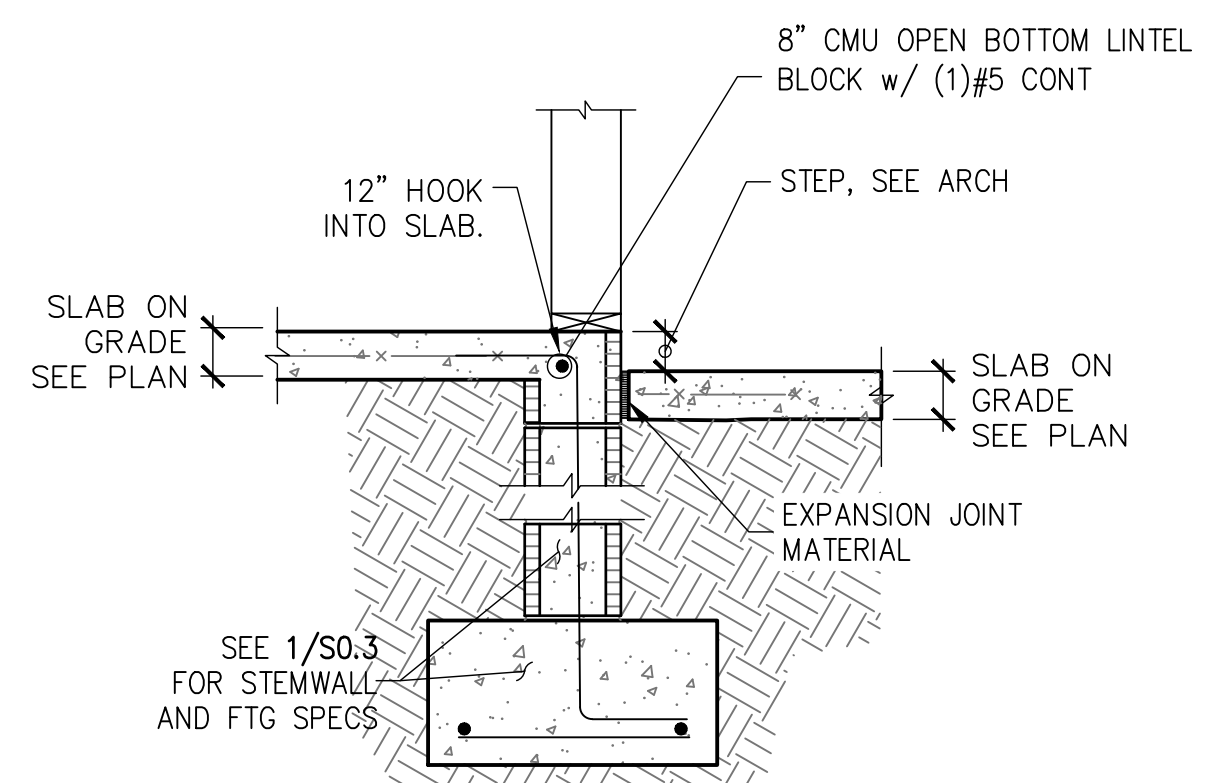
5 SAW CUT DETAIL
S1.01 SCALE: 3/4" = 1'-0"



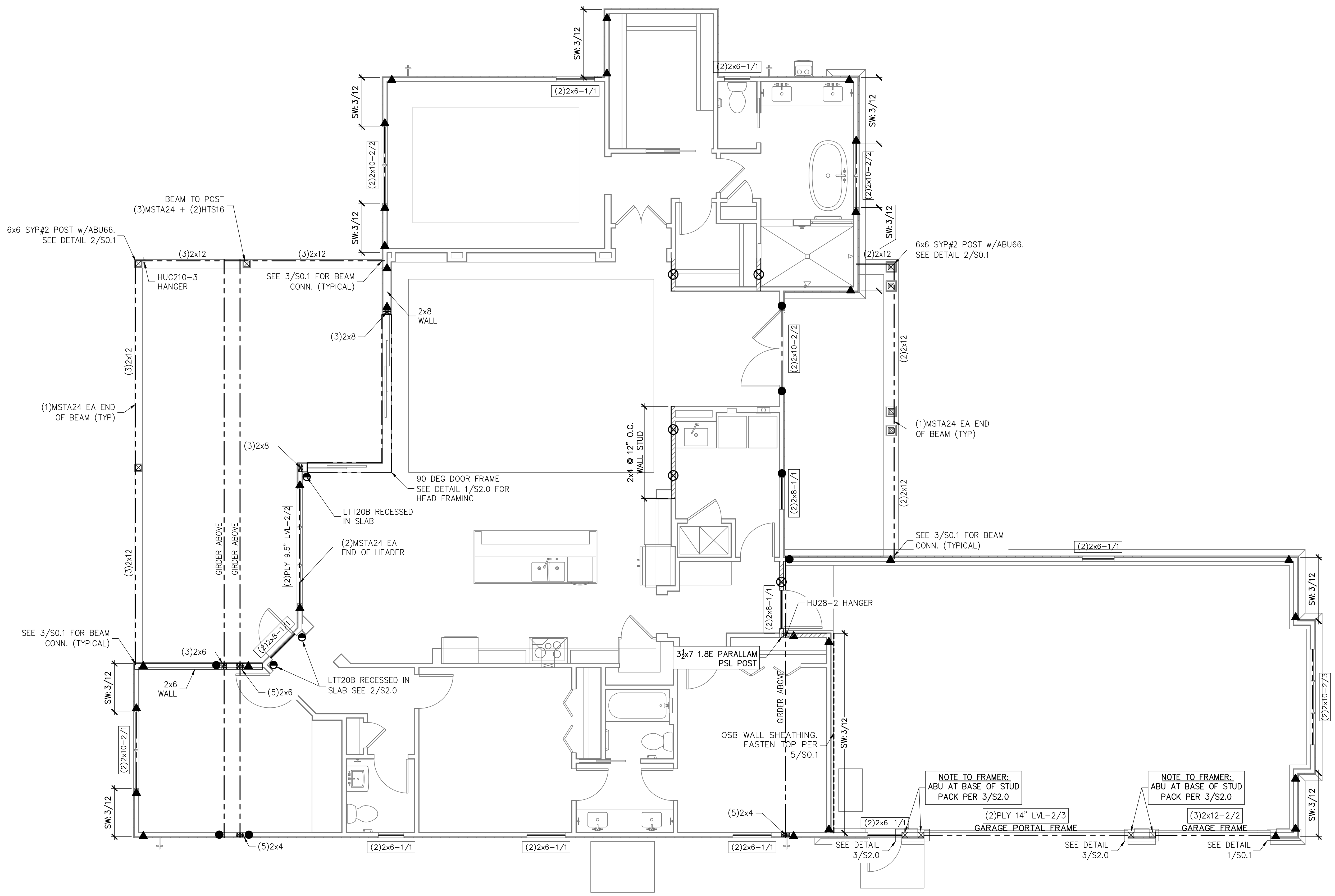
6 BEARING AT INTERIOR
S1.01 SCALE: 3/4" = 1'-0"



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



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



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 CHG WALLS @ 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 PILES.
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



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
ISSUE DATE
PERMIT 04.19.22
REVISIONS DATE

ISSUE DATE
PERMIT 04.19.22
REVISIONS DATE

ISSUE DATE
PERMIT 04.19.22
REVISIONS DATE

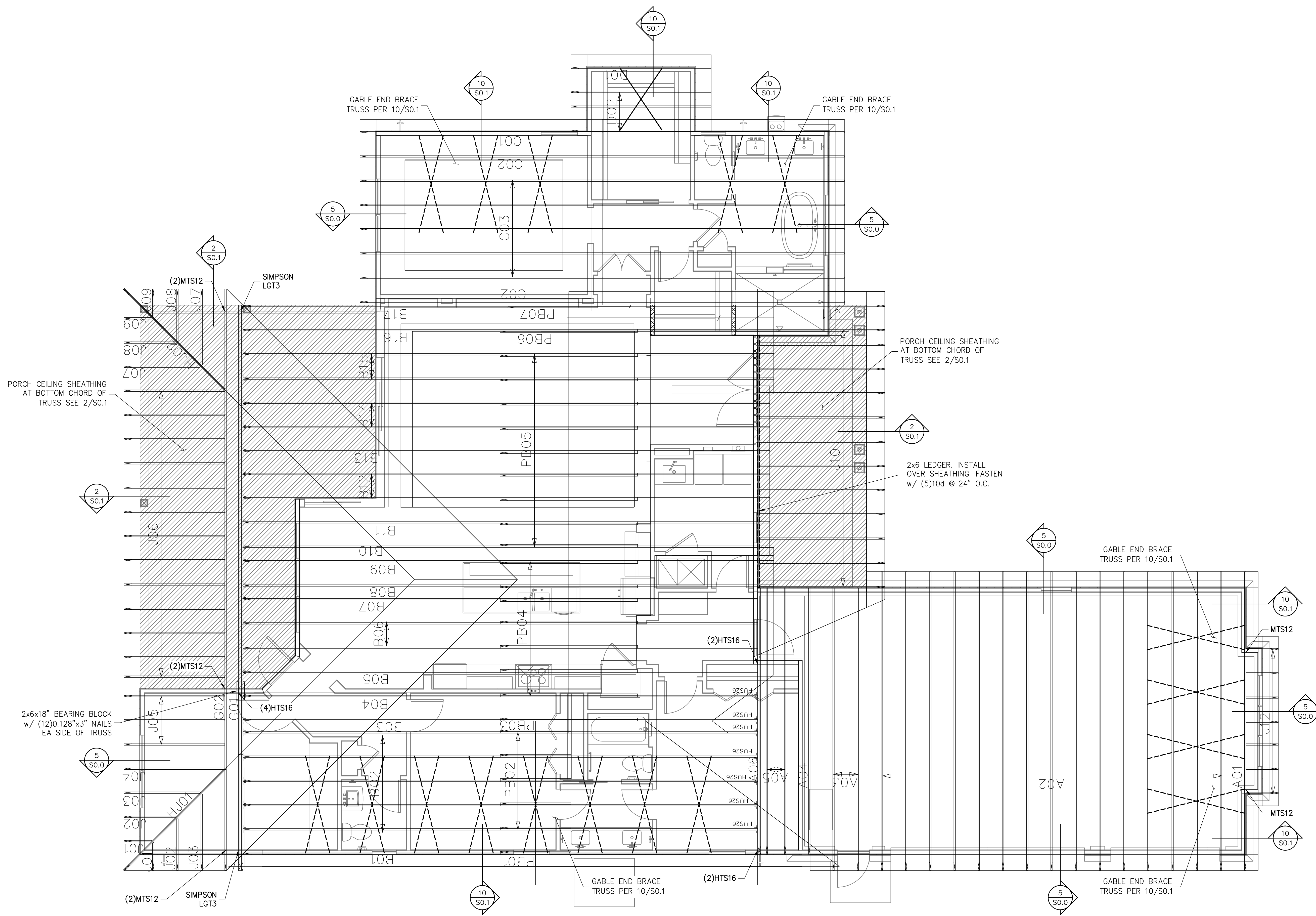
STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

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.

FIRST LEVEL WALL FRAMING PLAN

SHEET
S1.1
SHEET 5 OF 7



TRUSS / ROOF RAFTER NOTES: STRAPPING NOTES

- STRAP ROOF TRUSSES AND RAFTERS TO BEARING WITH 2-12D TOENAILS & 1-SIMPSON SDWC15600 SCREW UNLESS OTHERWISE NOTED

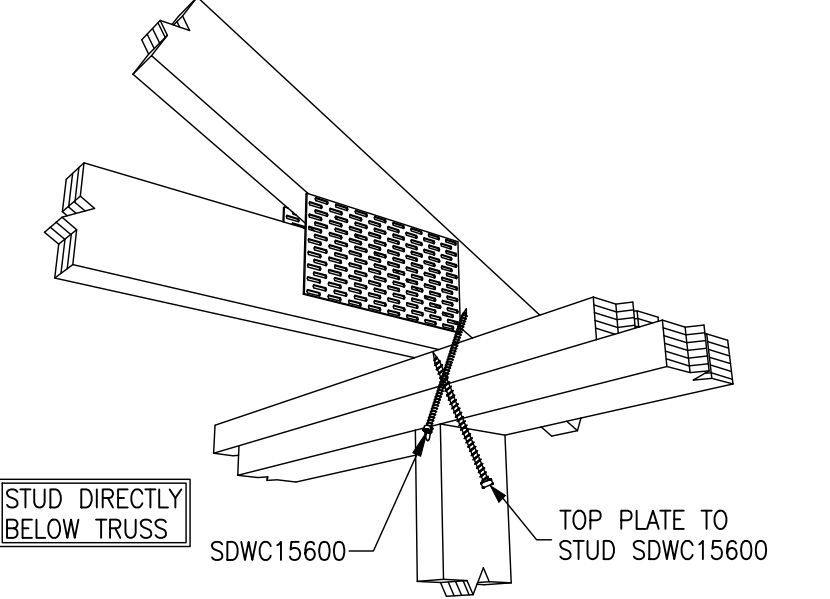
ROOF TRUSS PLACEMENT PLAN
SCALE: 1/4" = 1'-0"

SYMBOLS LEGEND

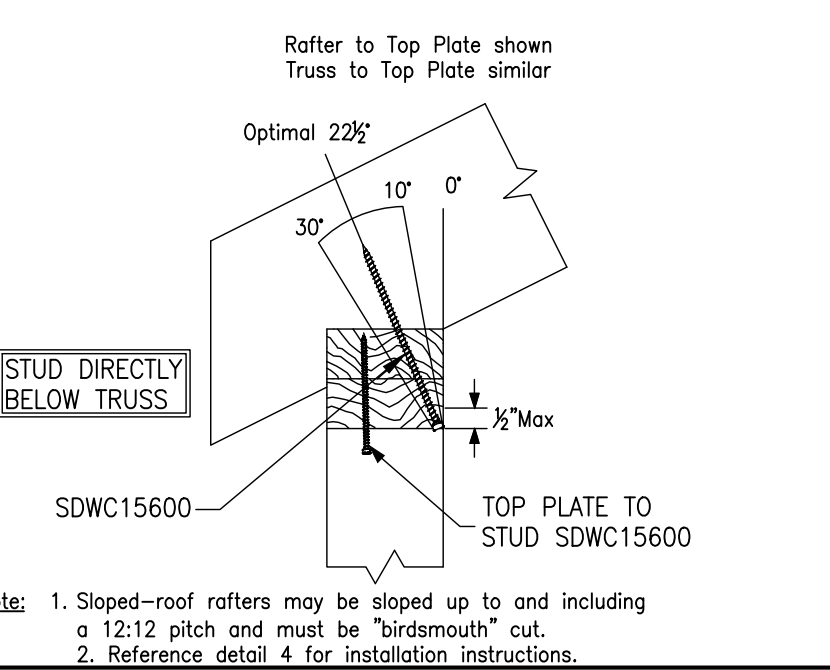
HTS16 DESIGNATES UPLIFT CONNECTION.

- FRAMING PLAN NOTES:**
- FOR TYPICAL ROOF SHEATHING AND FRAMING, SEE SHEET S0.0.
 - FOR SPECIFIC UPLIFT CONNECTORS, SEE PLAN, MIN. (1)SDWC CONNECTOR.
 - FOR GENERAL DESIGN SPECIFICATIONS SEE SHEET S0.0.
 - WHEN USING (2)HTS16 CLIPS ON 1 1/2" WIDE LUMBER, PLACE CLIPS DIAGONALLY ACROSS DOUBLE TOP PLATE FROM EACH OTHER.

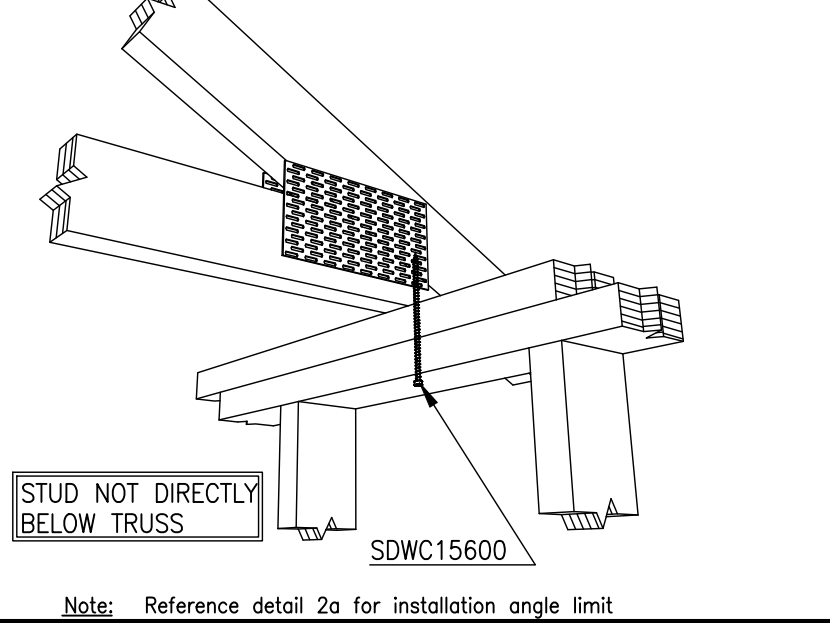
TRUSS FASTENING DETAILS



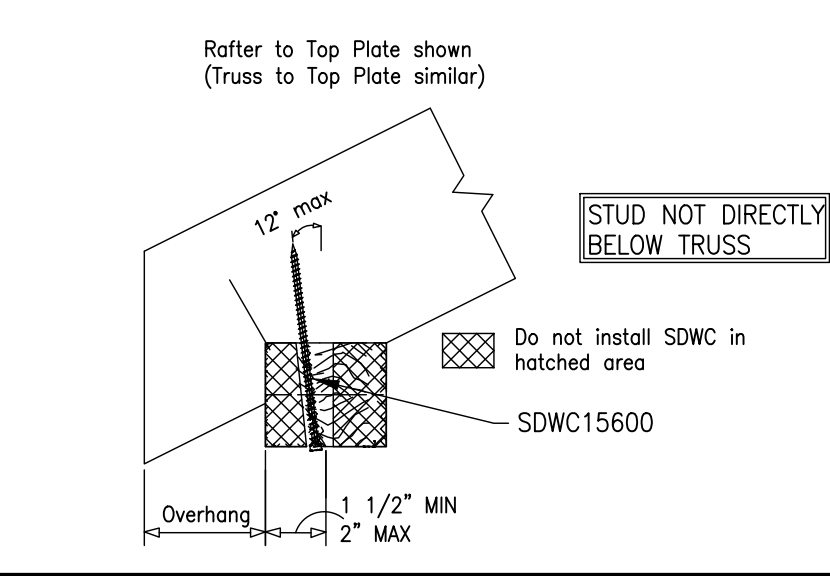
TRUSS TIE DOWN WITH SIMPSON SDWC



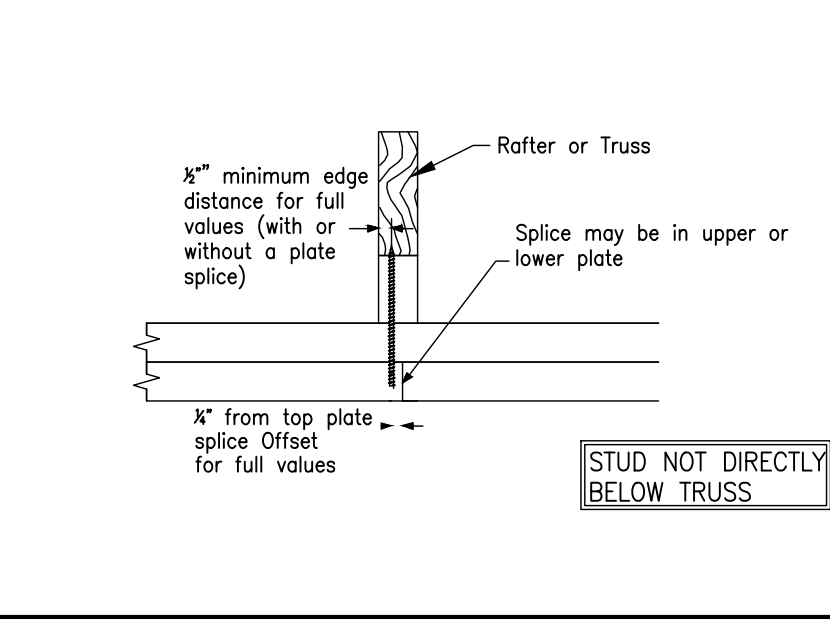
SIMPSON SDWC INSTALLATION RANGE



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 |

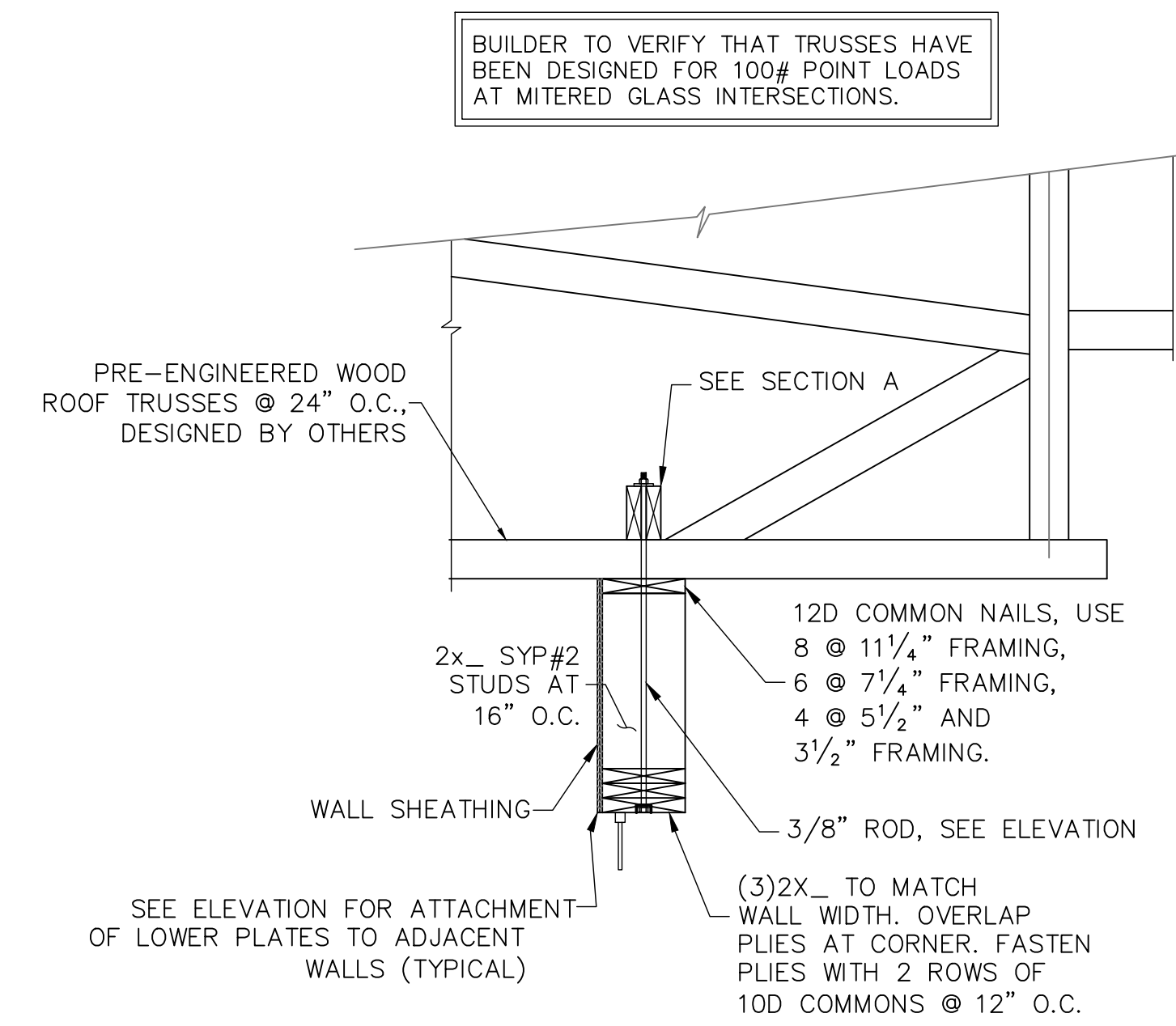
ISSUE DATE
PERMIT 04.19.22
REVISIONS DATE

STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

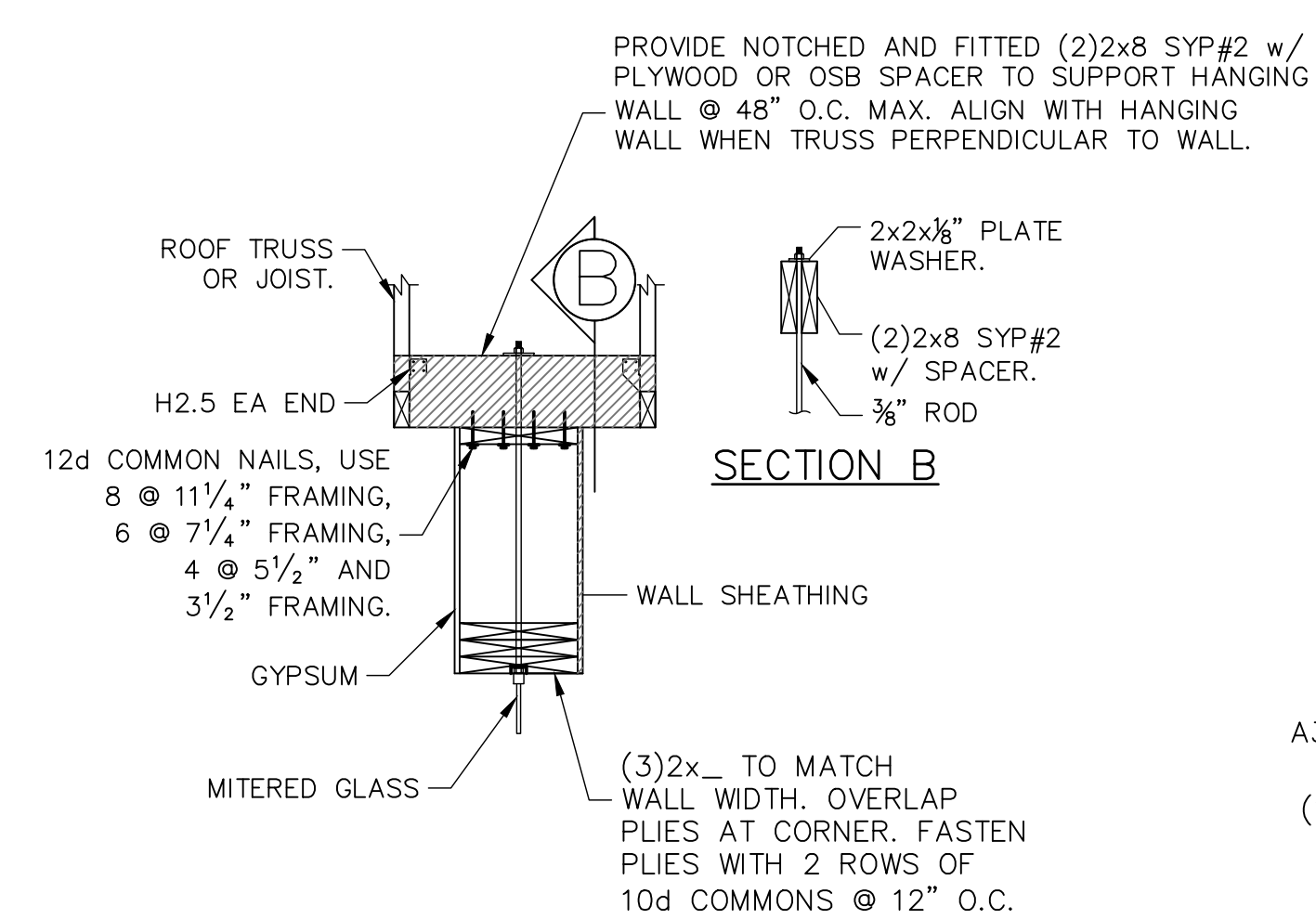
FIELD ALTERATION
CONTRACTOR SHALL CONTACT SABO STRUCTURAL ENGINEERING PRIOR TO MAKING ANY STRUCTURAL FIELD MODIFICATIONS WHICH MAY VARY FROM THE INTENT OF THE ORIGINAL CONSTRUCTION DOCUMENTS. ANY FIELD ALTERATIONS MADE PRIOR TO BEING APPROVED BY CHRISTOPHER SABOURIN MAY RESULT IN ADDITIONAL ENGINEERING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

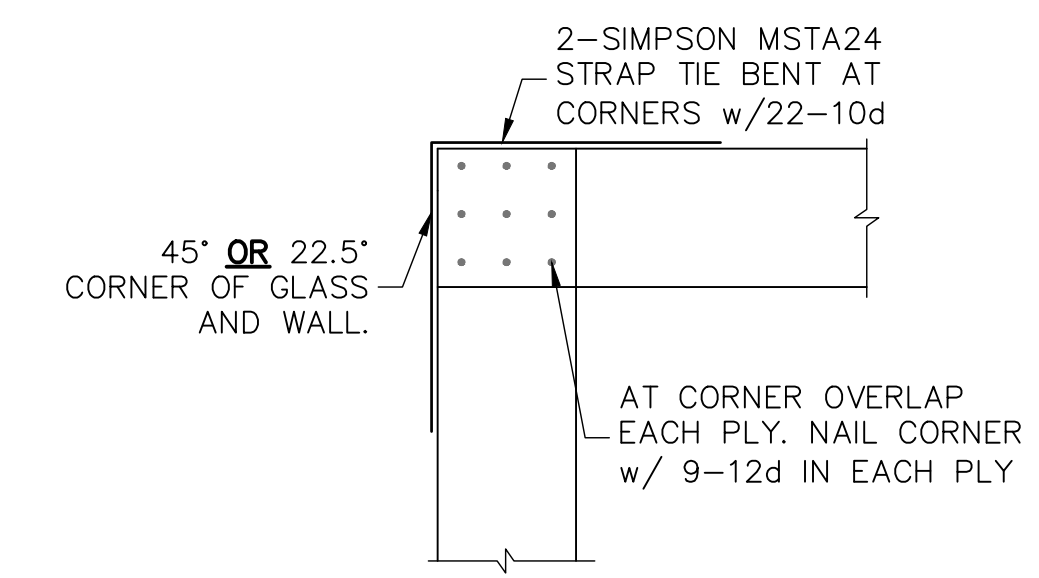
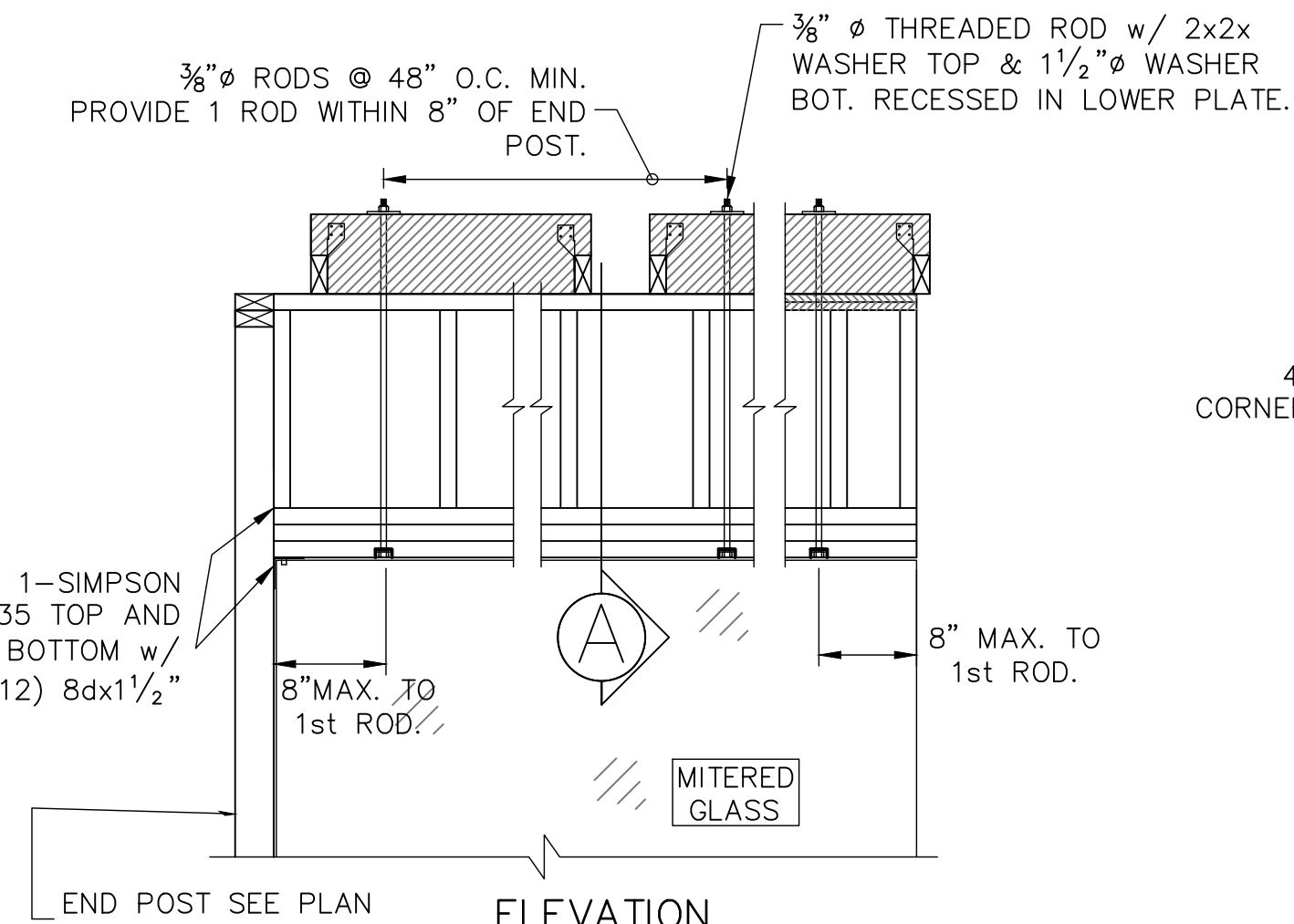


BUILDER TO VERIFY THAT TRUSSES HAVE BEEN DESIGNED FOR 100# POINT LOADS AT MITERED GLASS INTERSECTIONS.



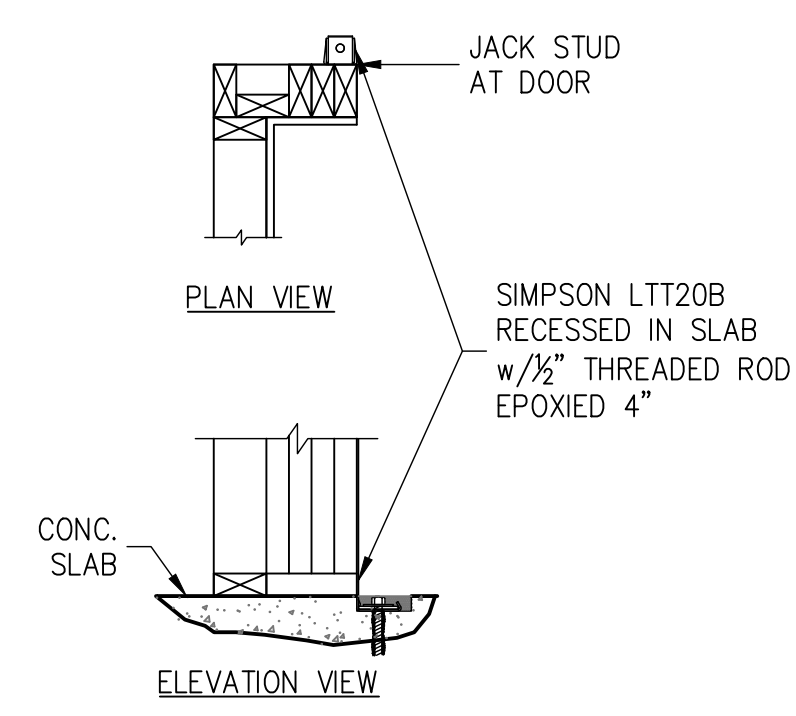
SECTION B

SECTION A

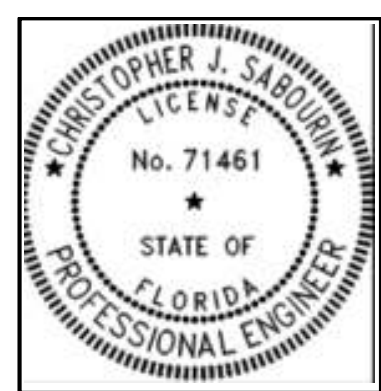


SECTION AT CORNER

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.

STRUCTURAL ENGINEERING FOR THE JORDAN RESIDENCE

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

MISC DETAILS