

NOTES
S-1

 DOOR LOCATION MAY BE DETERMINED
IN THE FIELD BY THE CONTRACTOR.

Digitally
signed by
Joel A

Falardeau

Date:

2021.06.10

03:09:53

-04'00'

PROFESSIONAL ENGINEER SEAL

ENGINEER OF RECORD:

David W. Smith P.E.

FLORIDA LICENSE: 53608

Thomas L. Hanson P.E.

FLORIDA LICENSE: 38654

Myron Max Neal P.E.

FLORIDA LICENSE: 86663

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C.O.A.-#29054

DATE: 6/08/2021

DRAWN BY: DRD

REVISION: DATE:

RO 1

RO 2

RO 3

RO 4

Job# 21_0608_176

PROJECT ADDRESS:

HAFFNER

311 NW CASTLE WOOD COURT

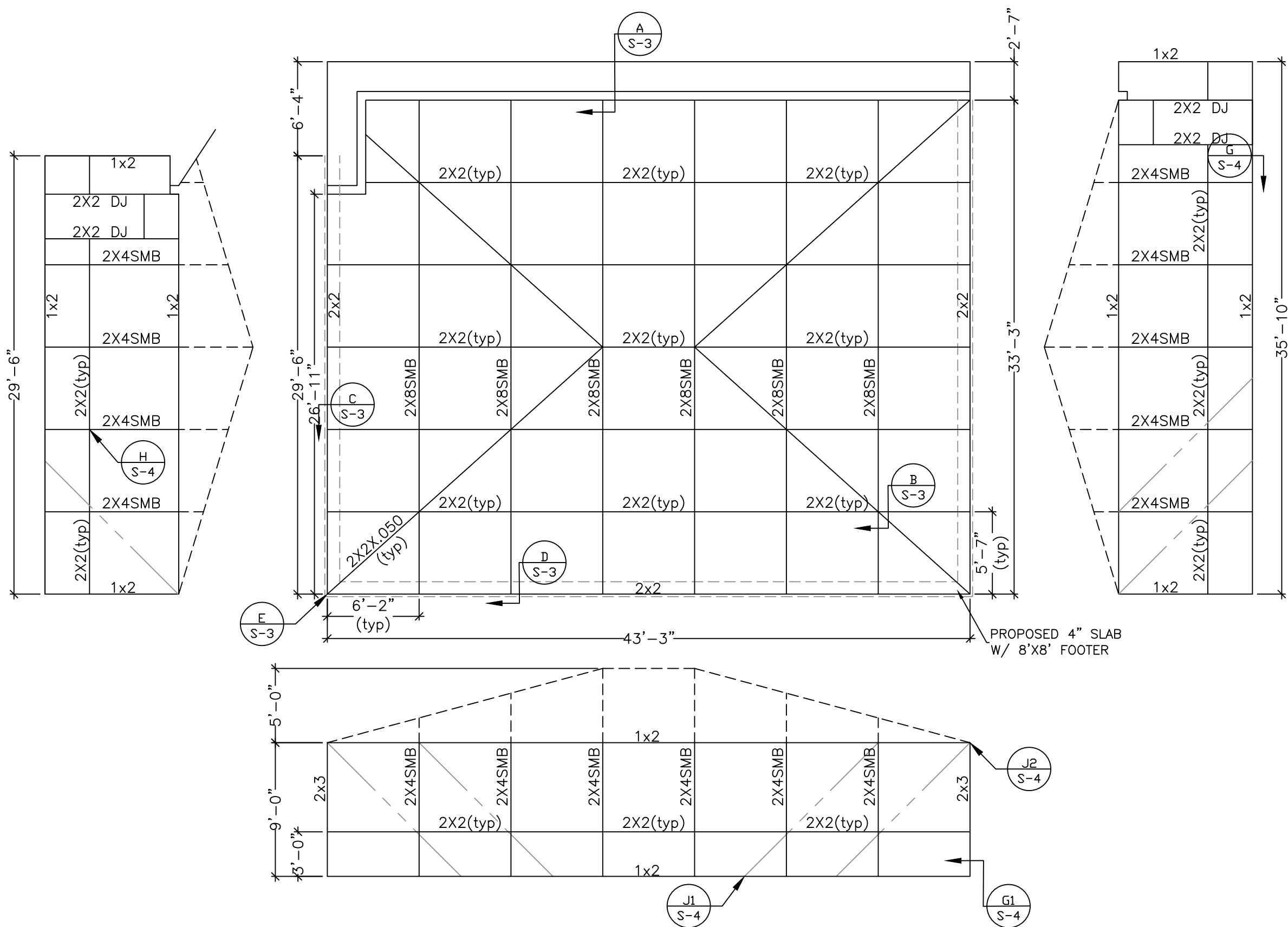
LAKE CITY FL, 32055

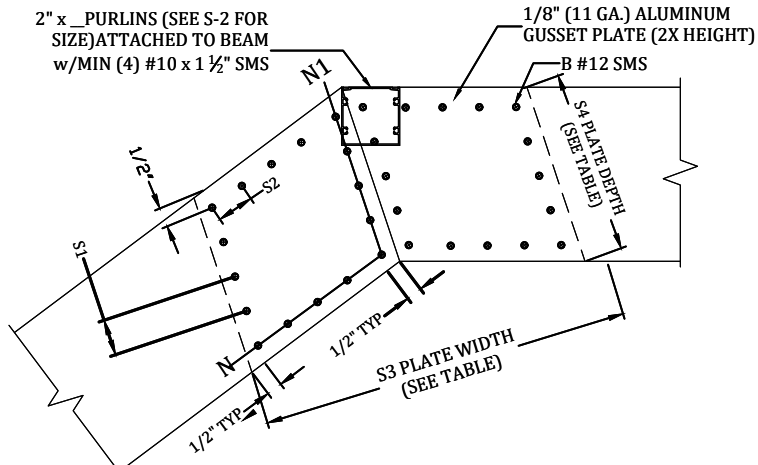
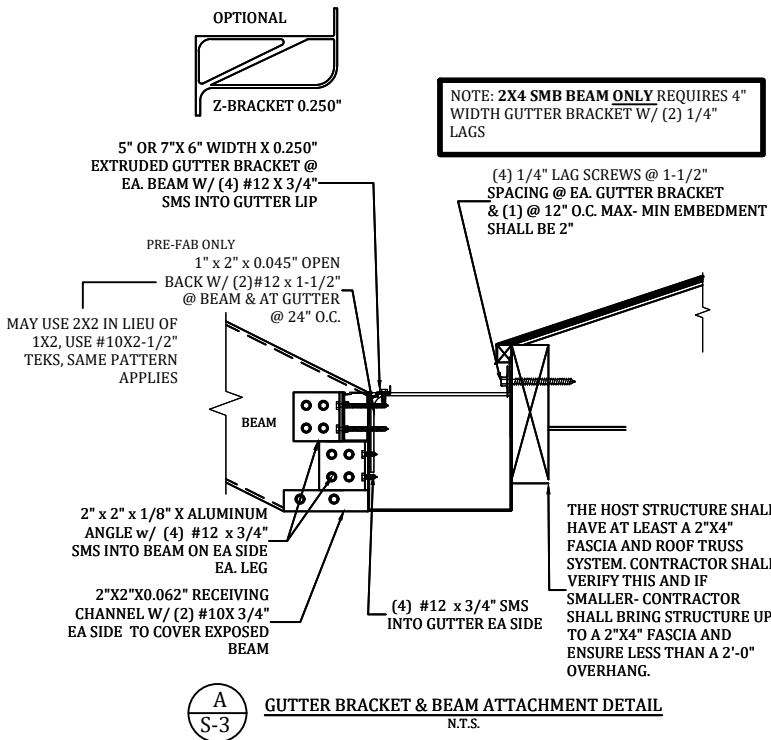
CONTRACTOR:

TIMBERLAKE ALUMINUM

FLOOR PLAN

S-2



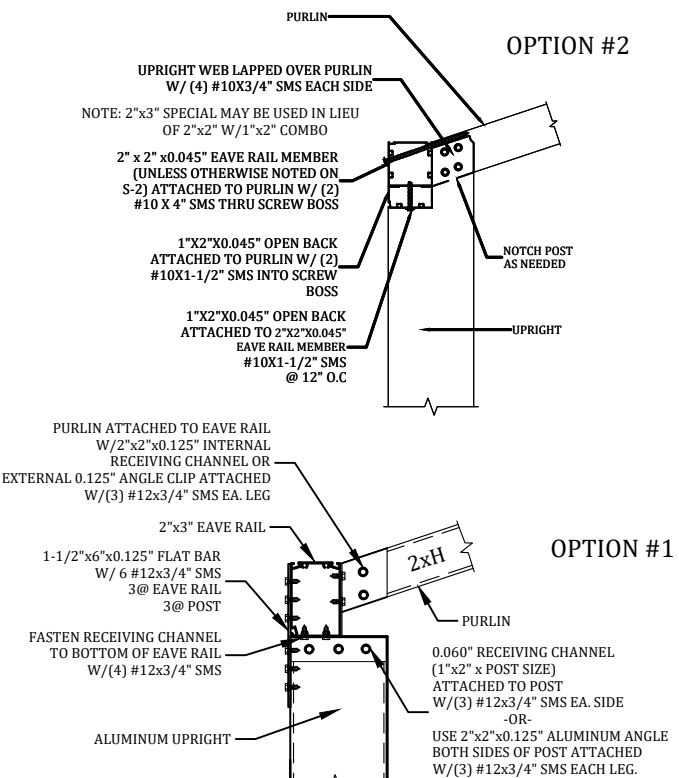


NOTES:

1. "N" NUMBER OF SCREWS IN ANY DIRECTION.
2. TOTAL NUMBER OF SCREWS PER JOINT EQUALS 4 TIMES "B".
3. PLATE WIDTH SHALL BE DETERMINED FROM ANGLE OF BEAM AND MIN. SPACE REQUIRED.
4. GUSSET PLATES EXTERNAL.
5. INTERNAL SCREWS FOR PURLIN CONNECTION MAY BE INCLUDED IN TOTAL NUMBER OF SCREWS.
6. GABLE SPLICE WILL HAVE THE SAME PATTERN.

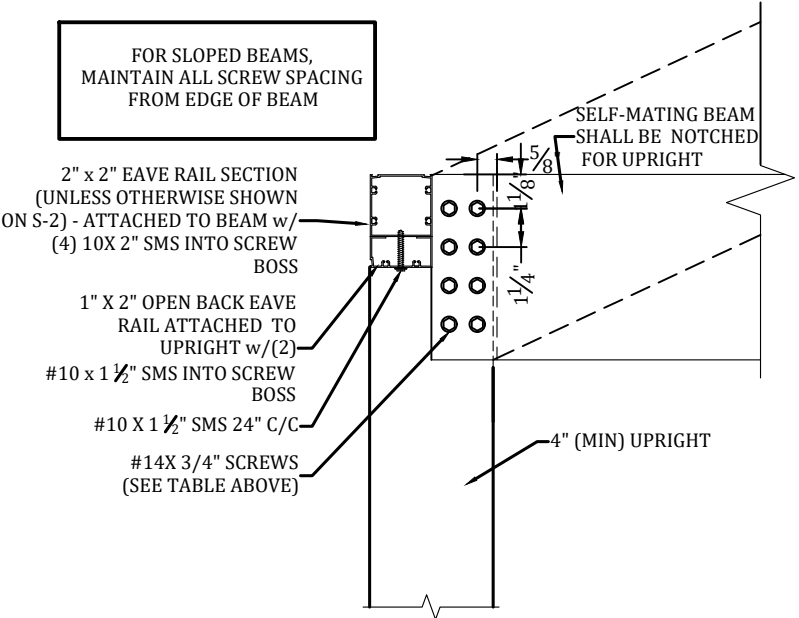
BEAM	"B"	"N"	"N1"	"S1"	"S2"	"S3"	"S4"
2X4	14	4	4	1 ³ / ₈ "	1 ¹ / ₈ "	8"	4"
2X5	16	5	4	1 ³ / ₈ "	1 ¹ / ₈ "	10"	5"
2X6	18	6	5	1 ¹ / ₈ "	1 ³ / ₁₆ "	12"	6"
2X7	20	6	6	1 ¹ / ₈ "	1 ¹ / ₈ "	14"	7"
2X8	24	7	7	1 ³ / ₈ "	1 ³ / ₈ "	16"	8"
2X9	32	10	8	1 ⁵ / ₁₆ "	1 ¹ / ₈ "	18"	9"
2X9 H	32	10	8	1 ⁵ / ₁₆ "	1 ¹ / ₈ "	18"	9"
2X10	40	13	9	1 ¹ / ₄ "	7 ⁿ / ₈ "	20"	10"

B
S-3
#12 SMS BEAM SPLICE GUSSET DETAIL
SCALE: NTS

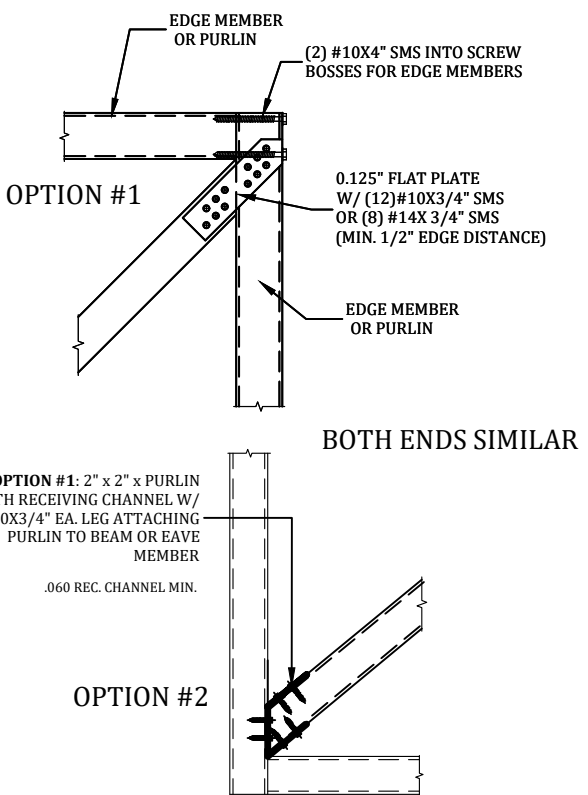


C
S-3
SLOPED OR FLAT PURLIN UPRIGHT LAP DETAIL
SCALE: NTS

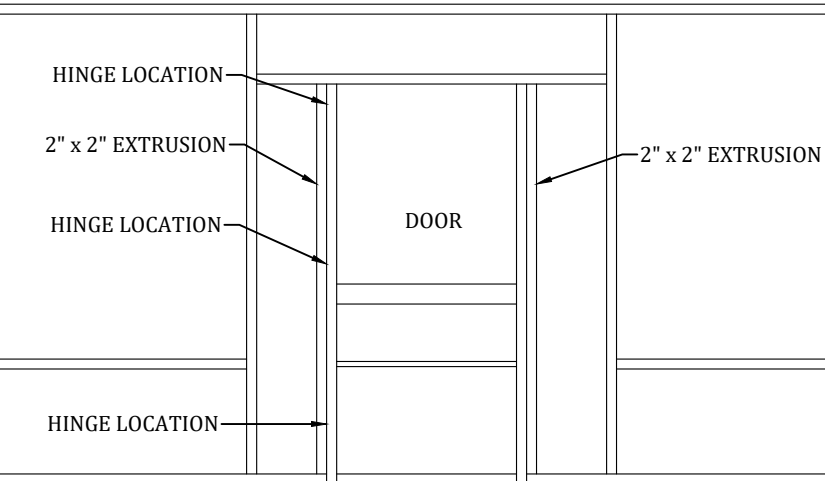
BEAM	SCREWS
2" X 4" SMB	6
2" X 5" SMB	6
2" X 6" SMB	8
2" X 7" SMB	8
2" X 8" SMB	10
2" X 9" SMB	10
2" X 10" SMB	12



D
S-3
UPRIGHT TO BEAM CONNECTION - ALL WIND ZONES
SCALE: NTS



E
S-3
ROOF BRACING CONNECTION DETAIL
SCALE: N.T.S.



- NOTES:**
1. HINGES SHALL BE ATTACHED TO STRUCTURE W/ (4) #10 x 5/8" SMS MINIMUM.
 2. DOOR SHALL BE ATTACHED TO ENCLOSURE W/ (2) HINGES MINIMUM.
 3. HINGES SHALL BE ATTACHED TO DOOR WITH (3) #10 x 5/8" SMS. FASTEN A 1" x 2" x 0.044" TO UPRIGHT W/ #12 x 1" SMS @ 12" O.C. AND WITHIN 3" FROM END OF THE UPRIGHT.

F
S-3
TYPICAL SCREEN DOOR CONNECTION DETAIL
SCALE: NTS

Digitally signed by
Joel A Falardeau
Date: 2021.06.10 03:10:25 -04'00'
PROFESSIONAL ENGINEER SEAL

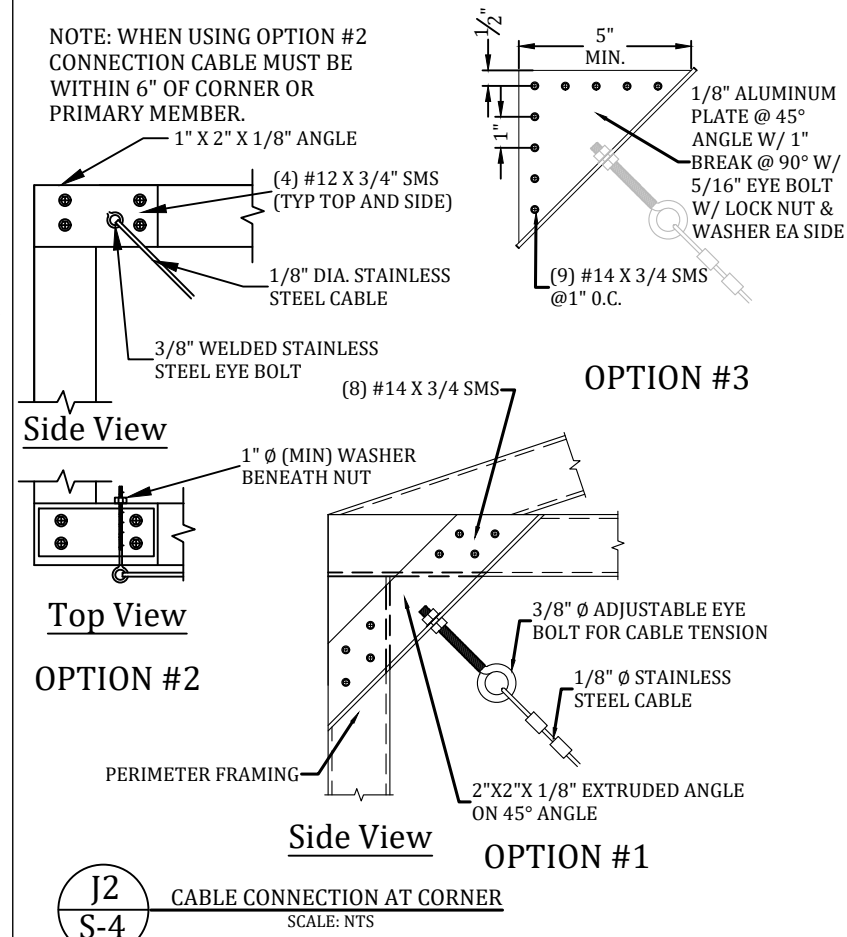
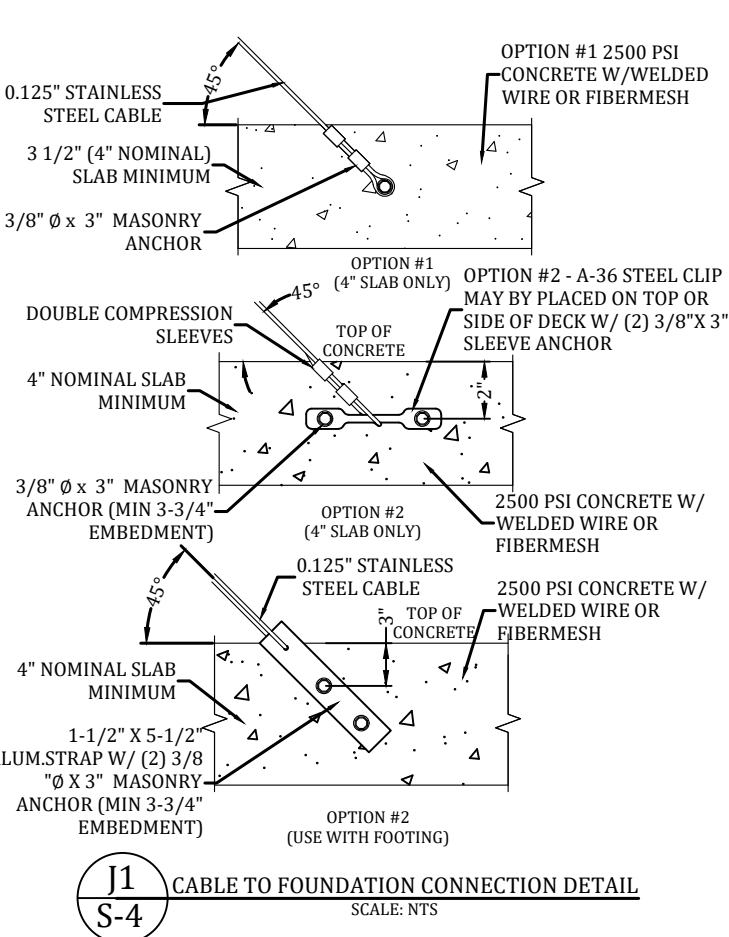
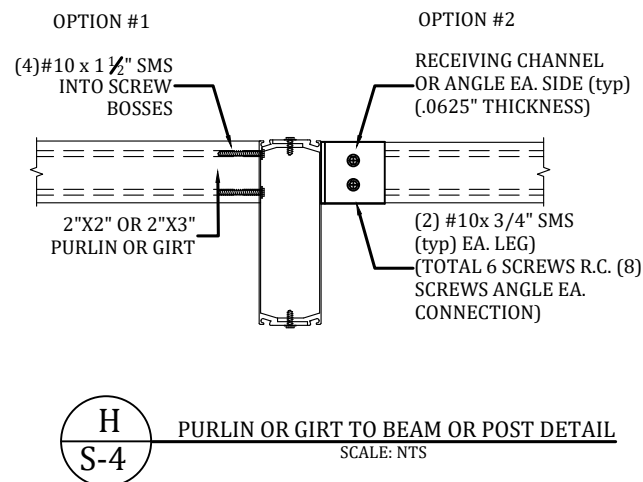
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LAKE CITY FL, 32055

CONTRACTOR:
TIMBERLAKE ALUMINUM



Column Size	1/4" & 3/8" Ø Concrete Screw Anchor	
	B	Min. Spacing
2x3-1/4"	0	0"
2x4-1/4"	1	3"
2x5-1/4"	1	3"
2x6-3/8"	1	4"
2x7-3/8"	1	5"
2x8-3/8"	2	3"
2x9-3/8"	2	4"
2x10-3/8"	2	4.5"

NOTES: (TYPE EACH SIDE)

1. NUMBER OF ANCHORS "B" IS EACH SIDE INTO THE SECONDARY ANGLE AND DOES NOT INCLUDE THE ANCHOR INTO THE 1X2.
2. MINIMUM EMBEDMENT OF ANCHORS INTO CONCRETE FOOTING SHALL BE 2-3/4" AT ALL UPRIGHT LOCATIONS. ALL SCREW LENGTHS AT UPRIGHT CONNECTIONS SHALL BE OF SUFFICIENT LENGTH FOR REQUIRED EMBEDMENT INTO CONCRETE FOOTING WHEN A PAVER DECK IS PRESENT.
3. CONCRETE SCREW ANCHOR DESIGNS ARE BASED ON THOSE LISTED ON **S-1, D. FASTENERS**, OTHER BRAND & TYPE SHALL BE APPROVED BY ENGINEER.
4. 2X3W/1X2 CORNER POST SHALL REQUIRE SAME BASE CONNECTIONS AS 2X4 SHOWN IN TABLE.
5. IF FOR AN IN-FILL, TOP OF COLUMN CONNECTION SIMILAR IF CONCRETE LINTEL. IF WOOD LINTEL SUBSTITUTE 1/4" Ø X 3" LAG SCREW FOR 3/8"Ø LDT FOR BOTH PRIMARY & SECONDARY ANGLES.
6. 2X2X.045 DOOR JAMB MEMBER SHALL CONNECT SIMILAR TO 2X3 MEMBER.

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Falardeau
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DETAILS

S-4