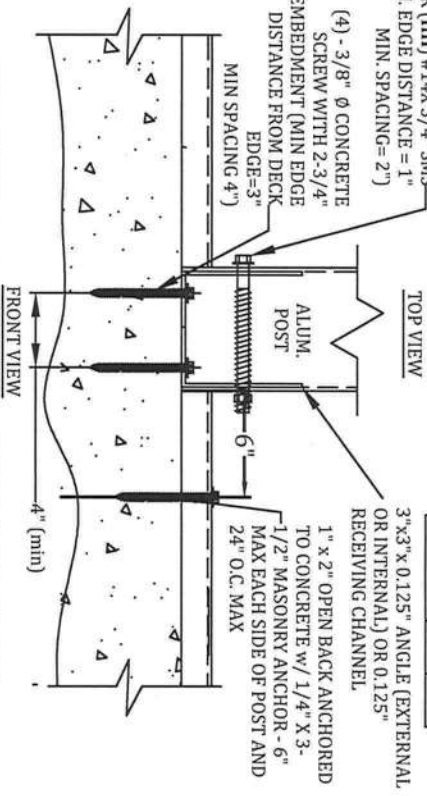


(4) - 3/8" Ø CONCRETE SCREW WITH 2-3/4" EMBEDMENT (MIN EDGE DISTANCE FROM DECK EDGE=3" MIN SPACING=4")

(H) - 3/8" Ø MACHINE BOLTS WITH WASHERS OR (HH) #14X 3/4" SMS (MIN. EDGE DISTANCE = 1" MIN. SPACING=2")

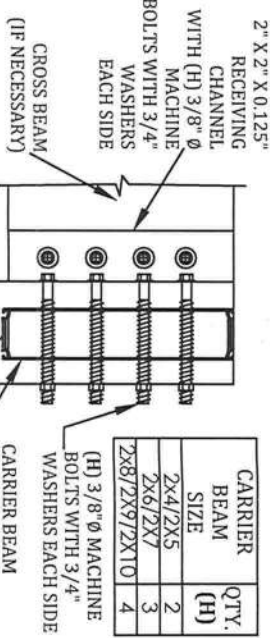
NOTE: MINIMUM EMBEDMENT OF ANCHORS INTO CONCRETE FOOTING SHALL BE 2-3/4" AT ALL POST LOCATIONS. ALL SCREW LENGTHS AT POST CONNECTIONS SHALL BE OF SUFFICIENT LENGTH FOR REQUIRED EMBEDMENT INTO CONCRETE FOOTING WHEN A PAYER DECK IS PRESENT.

POST SIZE PER PLAN	(H)	(HH)
3"x3'-1/4" x 4'	(2)	(4)
6" x 6"	(3)	(6)

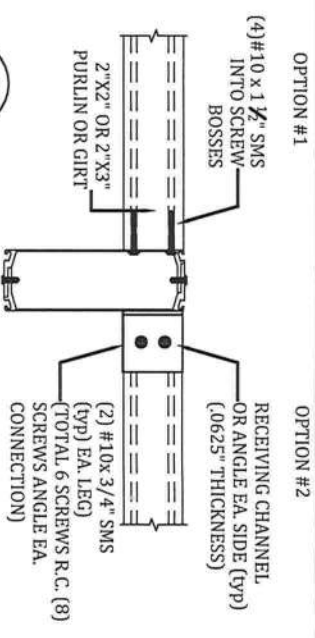


G1 ALUM. POST CONNECTION DETAIL
SCALE: NTS

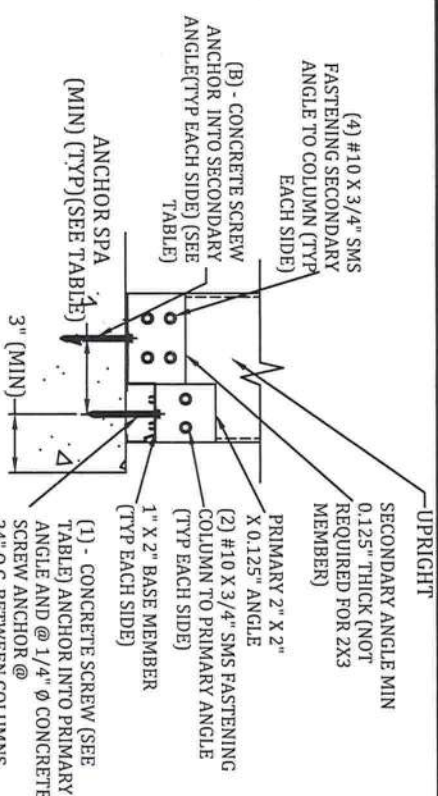
NOTE: CONCRETE SCREW ANCHOR DESIGNS ARE BASED ON TITEN HD 3/8" Ø SCREW ANCHORS. OTHER SIZE OR TYPE OF ANCHORS SHALL NOT BE USED.
NOTE: FOR PATIO COVERS AND CARPORTS, DISREGARD THE 1X2 OPEN BACK SCREEN MEMBER ON THE FOUNDATION TYP.



S CARRIER BEAM TO POST CONNECTION DETAIL
SCALE: NTS



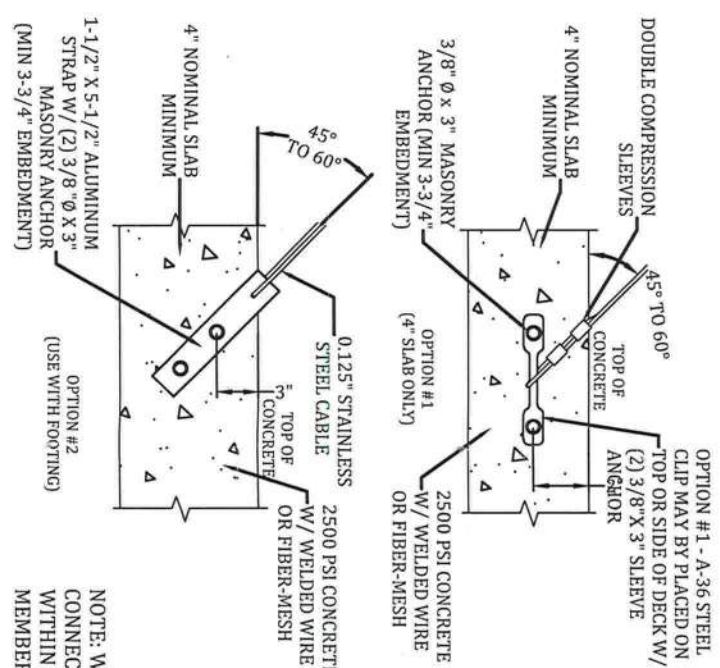
H PURLIN OR GIRT TO BEAM OR POST DETAIL
SCALE: NTS



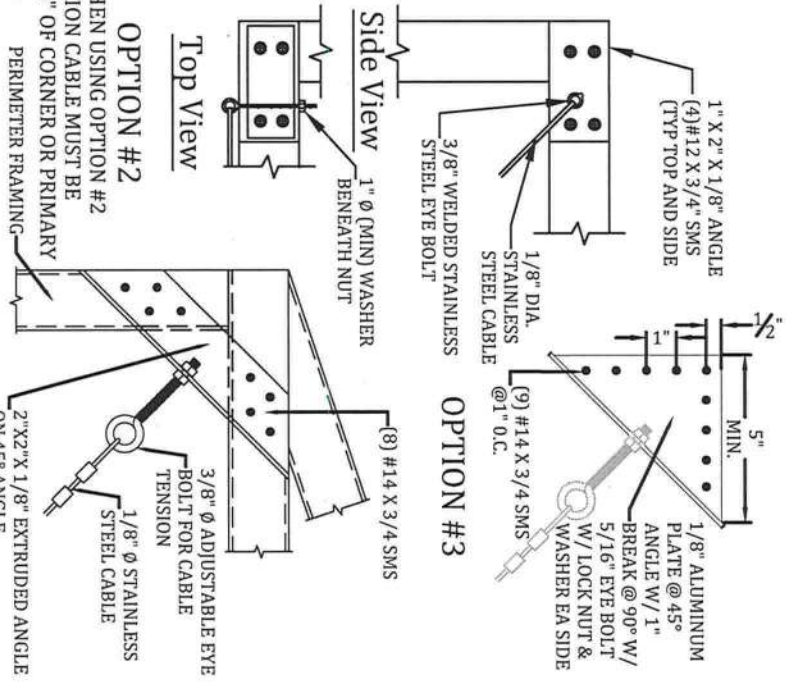
G 2" x 3" OR LARGER UPRIGHT TO CONCRETE W/WO PAYER DETAILS
SCALE: NTS

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

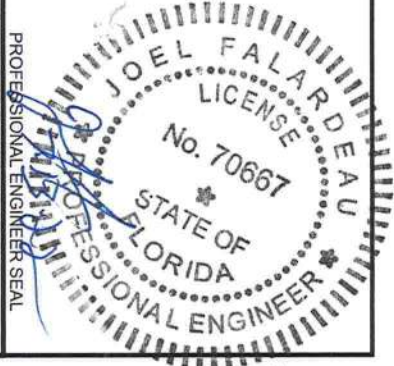
NOTES:
1. NUMBER OF ANCHORS "B" IS EACH SIDE INTO THE SECONDARY ANGLE AND DOES NOT INCLUDE THE ANCHOR INTO THE 1X2.
2. MINIMUM EMBEDMENT OF ANCHORS INTO CONCRETE FOOTING SHALL BE 2-3/4" AT ALL UPRIGHT LOCATIONS. ALL SCREW LENGTHS AT UPRIGHT CONNECTIONS SHALL BE OF SUFFICIENT LENGTH FOR REQUIRED EMBEDMENT INTO CONCRETE FOOTING WHEN A PAYER DECK IS PRESENT.
3. CONCRETE SCREW ANCHOR DESIGNS ARE BASED ON THOSE LISTED 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.



J CABLE CONNECTION AT CORNER
SCALE: NTS



J CABLE CONNECTION AT CORNER
SCALE: NTS



PROFESSIONAL ENGINEER SEAL

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C.O.A.-#29054

DATE: 01/11/2022

DRAWN BY: ST

REVISION: DATE:

RO 1

RO 2

RO 3

RO 4

Job# 22_0711_089

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CONTRACTOR:

LAKECITY ALUMINUM, INC.

DETAILS
S-4