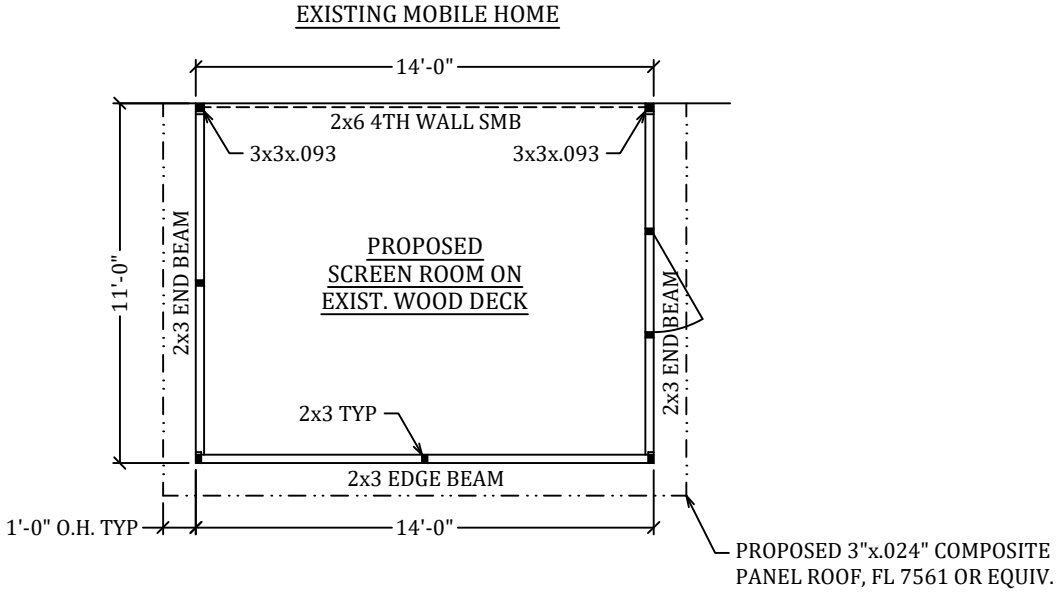
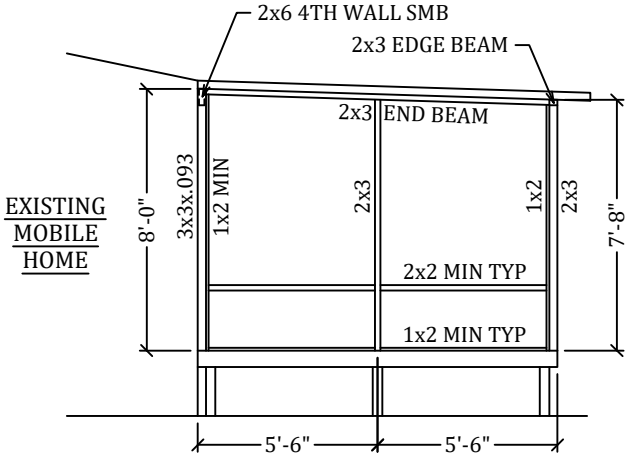




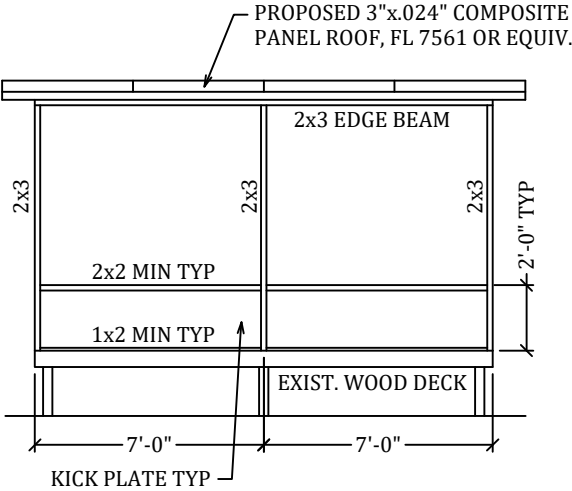
EXISTING WOOD DECK SHALL CONFORM TO  
ENGINEERING DETAILS PROVIDED FOR SPANS  
AND CONNECTIONS.



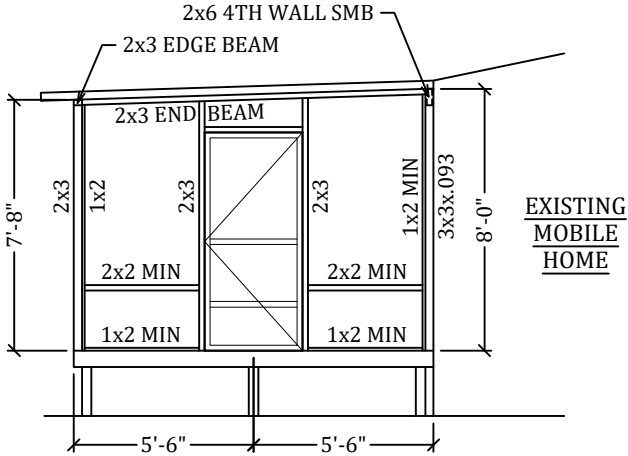
PLAN VIEW



LEFT SIDE ELEVATION



FRONT ELEVATION



RIGHT SIDE ELEVATION

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COMPLIANCE WITH ASCE 7-16 AND FBC 7TH  
EDITION RESIDENTIAL AND EXISTING  
BUILDING

Digitally  
signed by Joel  
A Falardeau  
Date:  
2022.04.19  
16:26:43  
-04'00'  
PROFESSIONAL ENGINEER SEAL

- ENGINEER OF RECORD:
- ☐ David W. Smith P.E.  
FLORIDA LICENSE NUMBER: 53608
- ☐ Thomas L. Hanson P.E.  
FLORIDA LICENSE NUMBER: 38654
- ☐ Ian J. Foster P.E.  
FLORIDA LICENSE NUMBER: 93654
- ☐ Joel Falardeau P.E.  
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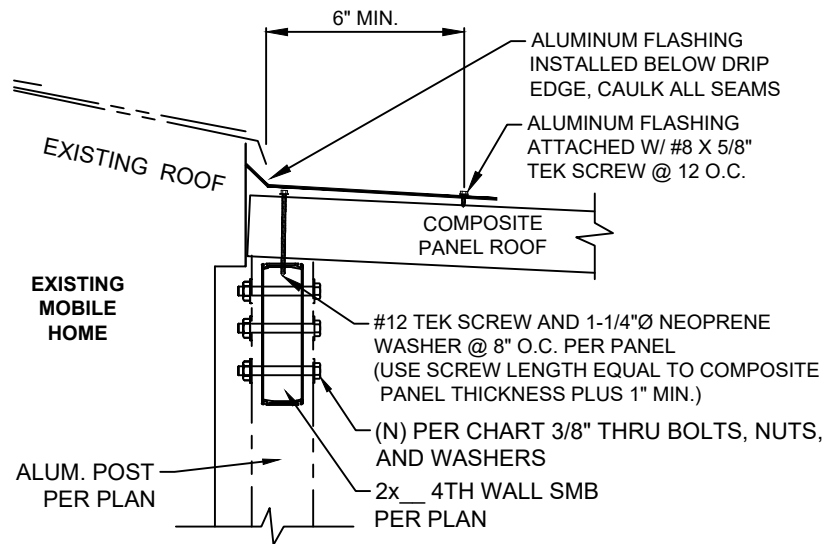
DATE: 03/29/2022	
DRAWN BY: MARK DUNN SR.	
REVISION:	DATE:
RO 1	
RO 2	
RO 3	
RO 4	

JOB NAME & ADDRESS:

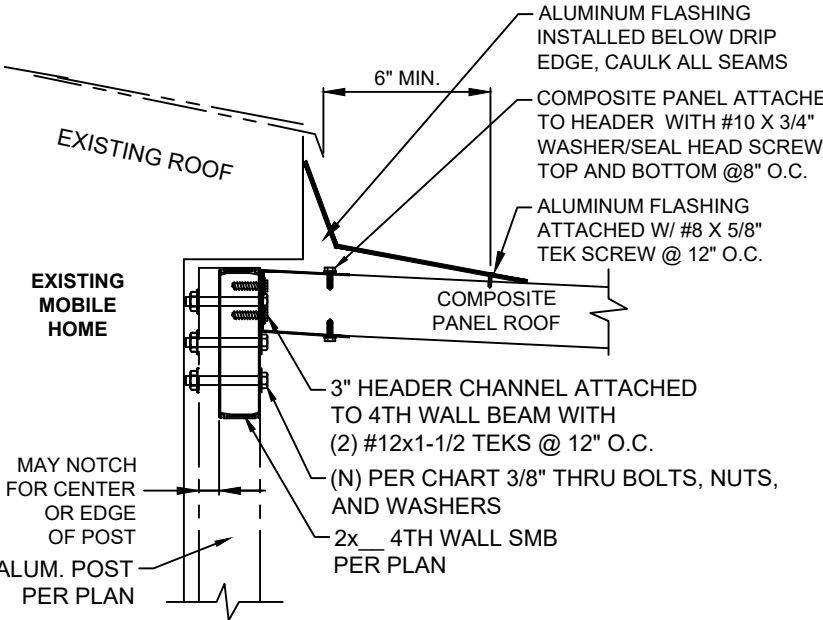
REEVES  
2366 SW FRY AVE.  
FORT WHITE, FL 32038

CONTRACTOR:

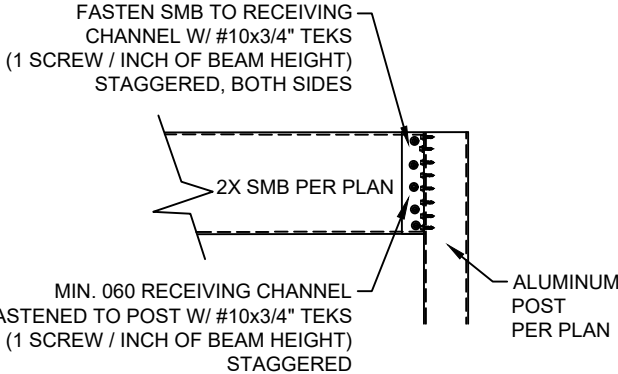
TIMBERLAKE ALUMINUM



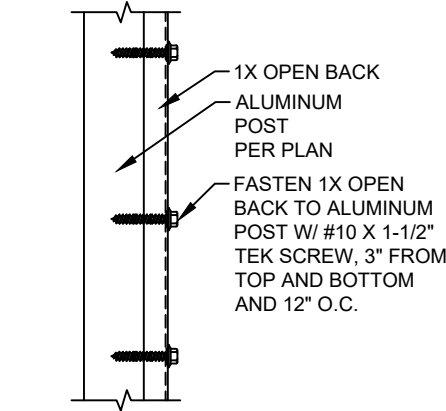
4TH WALL CONNECTIONS  
COMPOSITE ROOF, POST AND BEAM  
(OPTION #1)



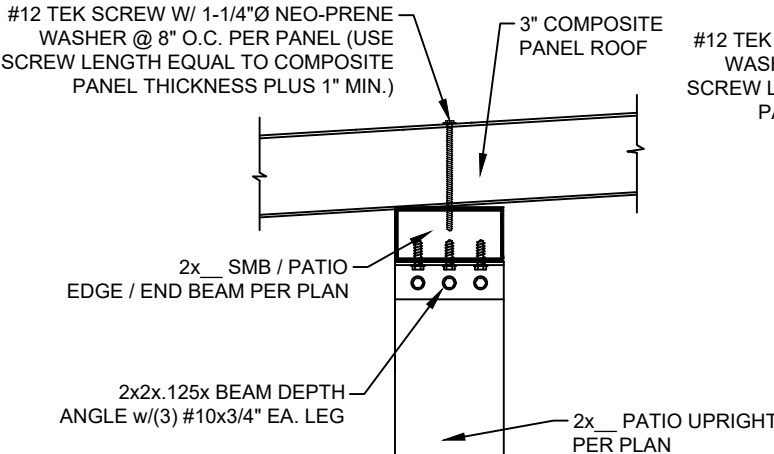
4TH WALL CONNECTIONS  
COMPOSITE ROOF, POST AND BEAM  
(OPTION #2)



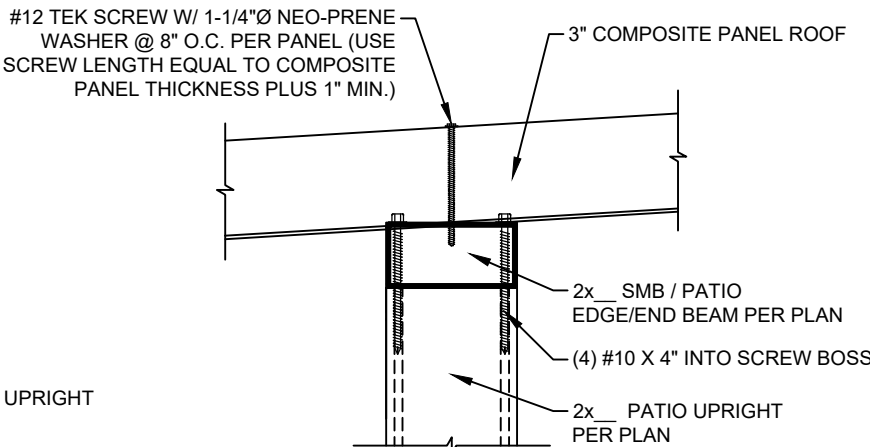
BEAM TO POST CONNECTION



1X OPEN BACK TO  
ALUMINUM POST DETAIL

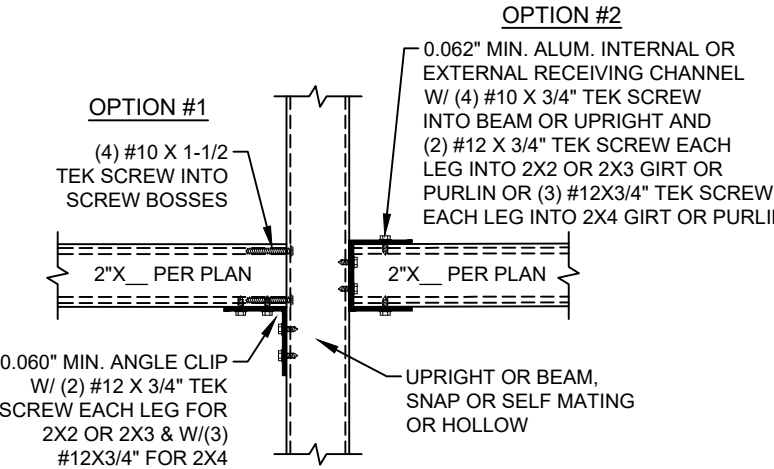


OPTION #1  
(EXTERNAL)

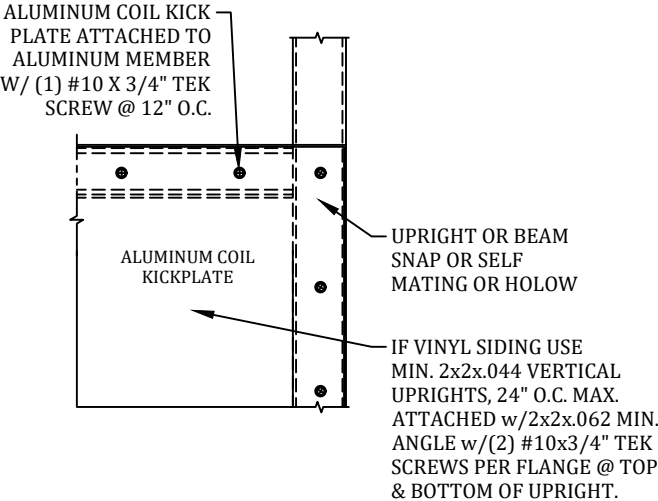


OPTION #2  
(INTERNAL)

COMPOSITE PANEL ROOF, POST,  
AND EDGE/END BEAM CONNECTION DETAIL



OPTION #1  
OPTION #2  
OPTION #3  
CHAIR RAIL AND GIRTS CONNECTIONS



ALUMINUM COIL OR VINYL SIDING KICK PLATE  
TO ALUMIUM MEMBER

S.M.B. DEPTH "H"	S.M.B. WEB WALL	TUBE WALL "T"	CORROSION RESISTANT SIZE	UPLIFT CAPACITY
4"	.045"	.06"	(2) 3/8" BDLTS, NUTS, WASHERS	1,720 LBS
5"	.050"	.06"	(2) 3/8" BDLTS, NUTS, WASHERS	2,550 LBS
6"	.050"	.06"	(3) 3/8" BDLTS, NUTS, WASHERS	2,550 LBS
7"	.055"	.06"	(3) 3/8" BDLTS, NUTS, WASHERS	3,500 LBS
7"	.055"	.09"	(3) 3/8" BDLTS, NUTS, WASHERS	3,600 LBS
7"	.055"	.125"	(3) 3/8" BDLTS, NUTS, WASHERS	4,500 LBS
8"	.072"	.06"	(4) 3/8" BDLTS, NUTS, WASHERS	5,500 LBS
8"	.072"	.09"	(4) 3/8" BDLTS, NUTS, WASHERS	7,000 LBS
8"	.072"	.125"	(4) 3/8" BDLTS, NUTS, WASHERS	7,000 LBS
9"	.072"	.06"	(4) 3/8" BDLTS, NUTS, WASHERS	7,000 LBS
9"	.072"	.09"	(4) 3/8" BDLTS, NUTS, WASHERS	8,900 LBS
9"	.082"	.125"	(4) 3/8" BDLTS, NUTS, WASHERS	9,500 LBS
10"	.092"	.125"	(4) 3/8" BDLTS, NUTS, WASHERS	11,000 LBS

NOTE: OTHER BOLT SIZES AND QUANTITIES MAY BE USED PER SITE SPECIFIC PLANS AND CALCULATED UPLIFT CAPACITY REQUIRED

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Digitally signed by Joel A Falardeau  
Date: 2022.04.19 16:26:55 -04'00'

PROFESSIONAL ENGINEER SEAL

ENGINEER OF RECORD:

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RO 3	
RO 4	

JOB NAME & ADDRESS:

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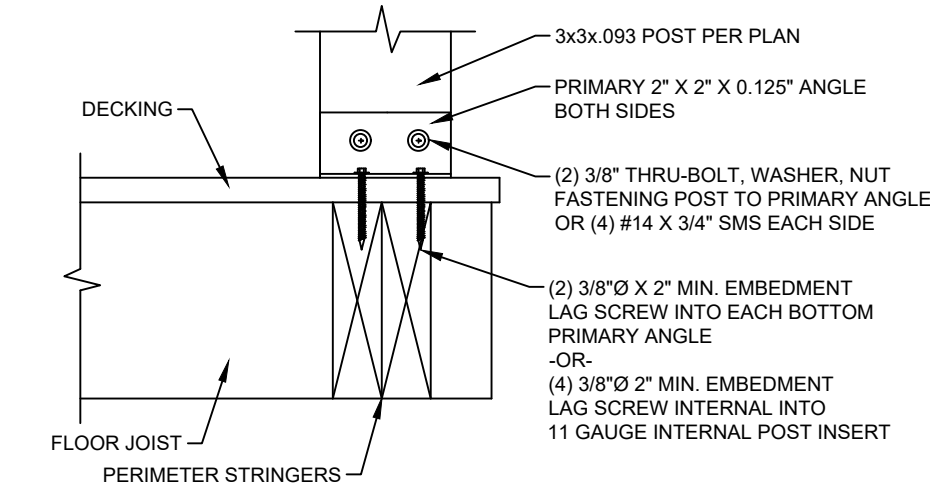
CONTRACTOR:

TIMBERLAKE ALUMINUM

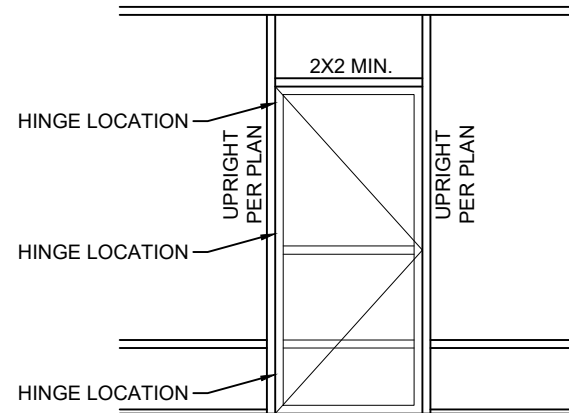
SCREEN ROOM DETAILS

S-3



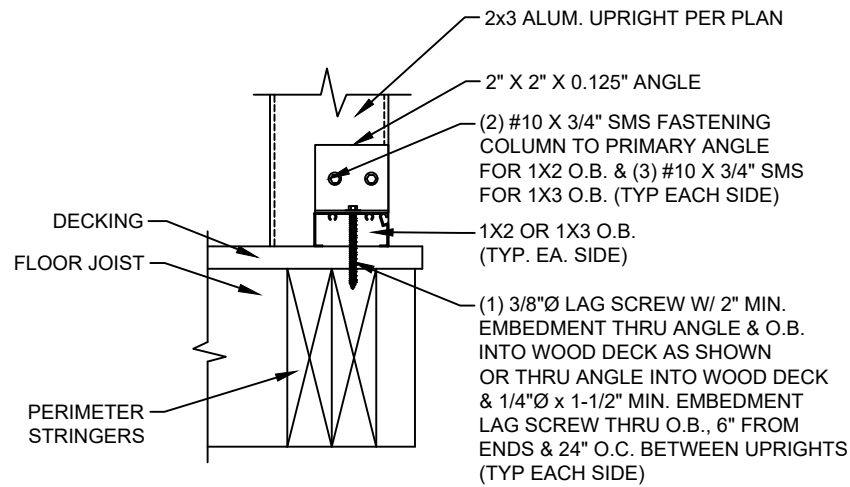


3X3 ALUM. POST TO WOOD DECK DETAIL (EXTERNAL / INTERNAL)

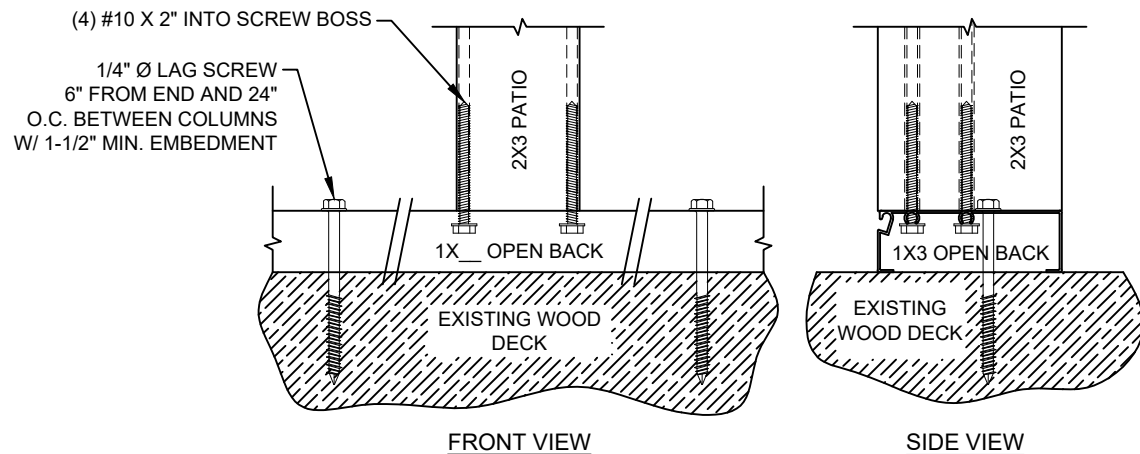


- NOTES:
- HINGES SHALL BE ATTACHED TO STRUCTURE W/ (3) #10 X 3/4" TEK SCREW MINIMUM.
  - DOOR SHALL BE ATTACHED TO ENCLOSURE W/ (2) HINGES MINIMUM.
  - HINGES SHALL BE ATTACHED TO DOOR WITH (3) #10 X 3/4" TEK SCREW. FASTEN A 1"X2"X0.044" TO UPRIGHT W/ #12 X 1-1/2" TEK SCREW @ 12" O.C. AND WITHIN 3" FROM END OF THE UPRIGHT.

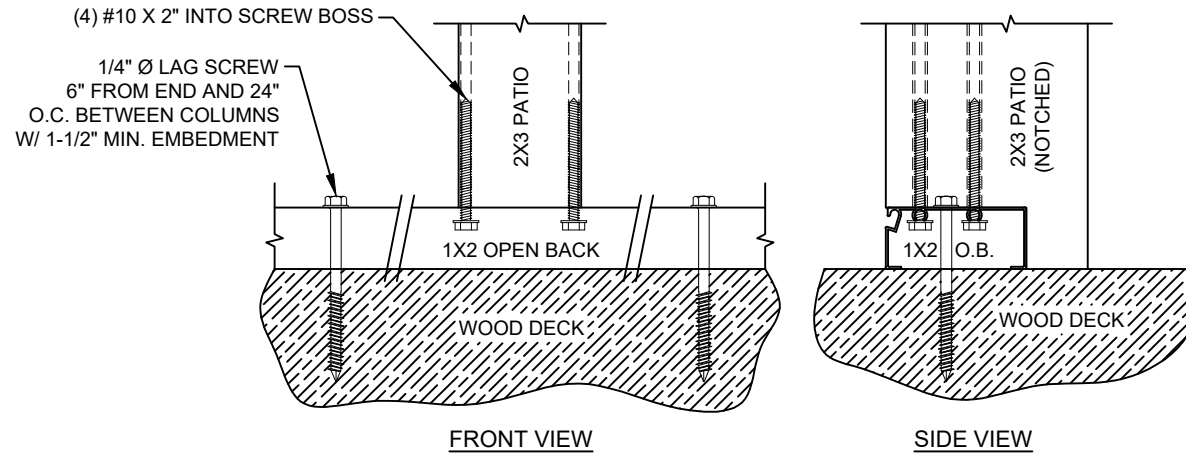
TYPICAL SCREEN DOOR CONNECTION DETAIL



2x3 UPRIGHT TO WOOD DECK  
BASE CONNECTION (EXTERNAL)



ALUMINUM 2X3 UPRIGHT W/1X3 O.B. BASE CONNECTION  
(INTERNAL)



ALUMINUM 2X3 UPRIGHT W/1X2 O.B. BASE CONNECTION  
(INTERNAL)

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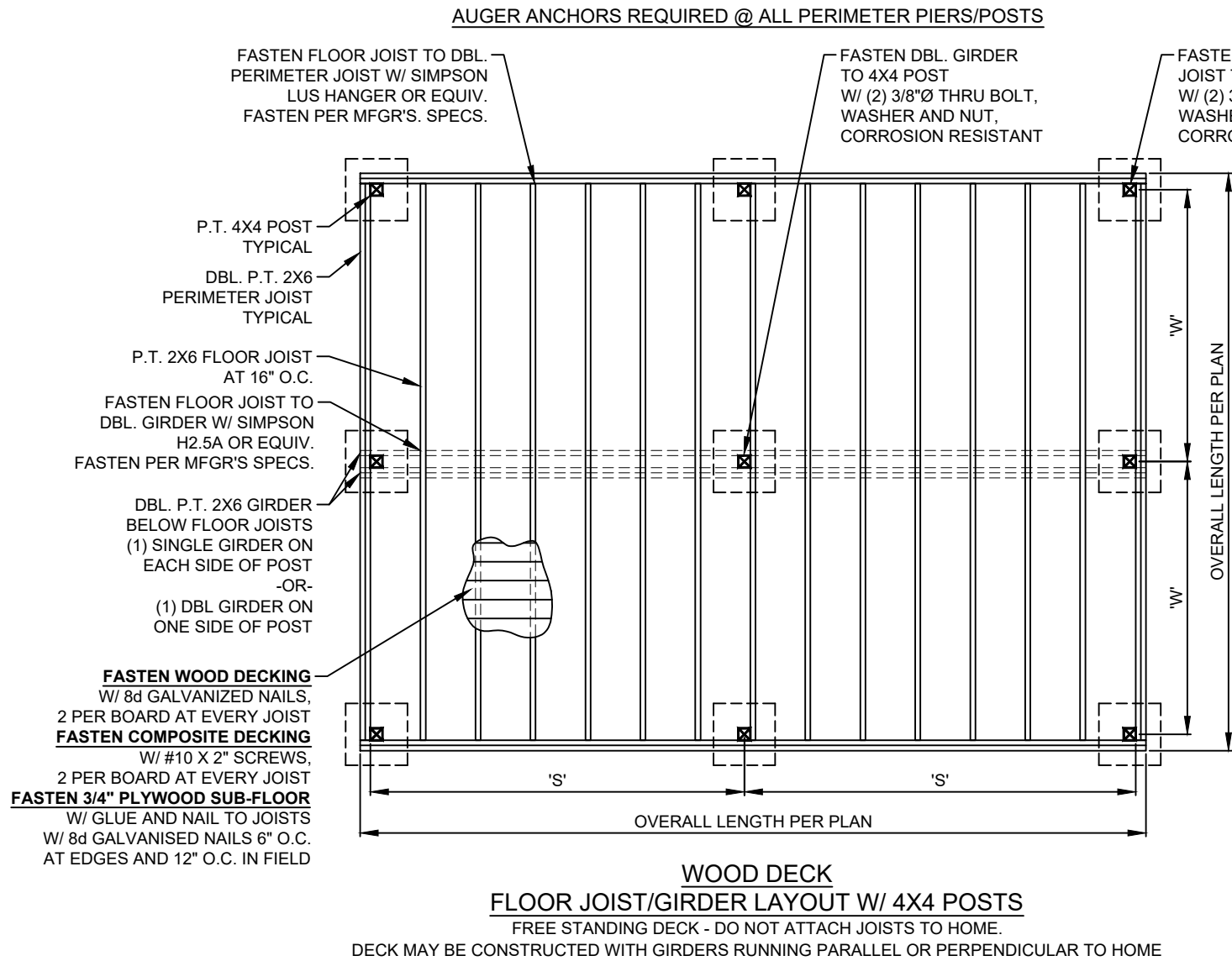
REEVES  
2366 SW FRY AVE.  
FORT WHITE, FL 32038

CONTRACTOR:

TIMBERLAKE ALUMINUM

SCREEN ROOM DETAILS

S-4



EXISTING WOOD DECK SHALL CONFORM TO ENGINEERING DETAILS PROVIDED FOR SPANS AND CONNECTIONS.

TABLE SPANS ARE FOR #2 SYP (SOUTHERN YELLOW PINE)

DECK JOIST SPANS

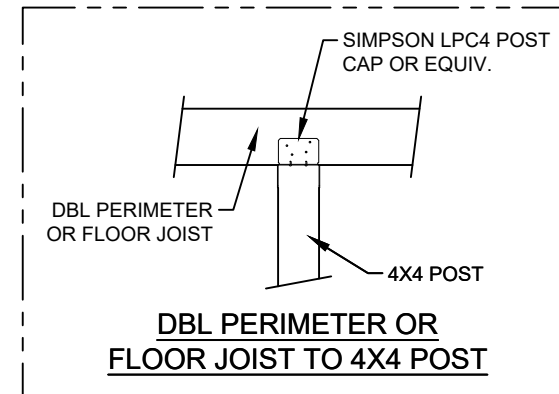
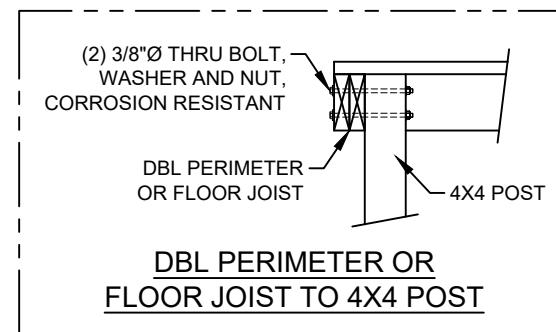
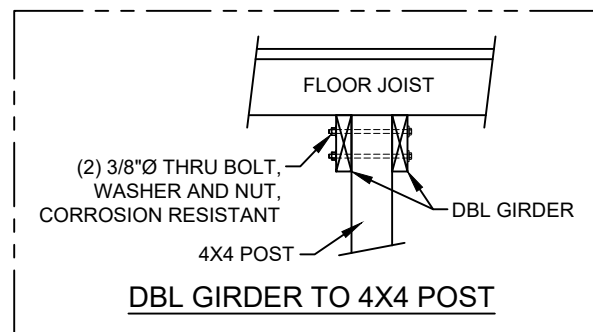
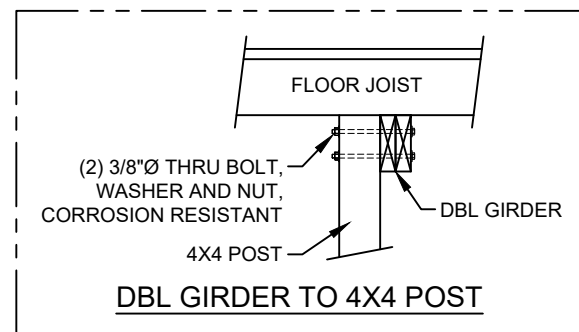
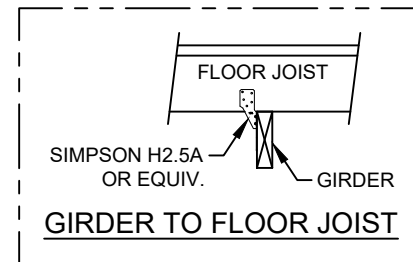
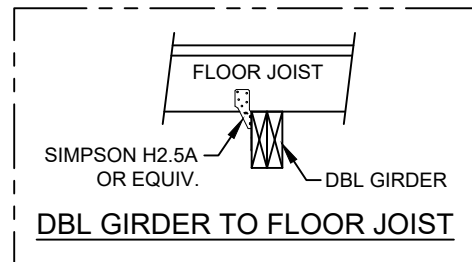
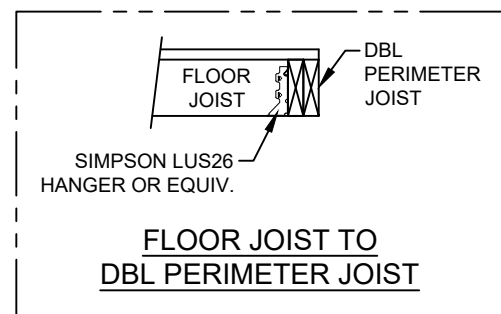
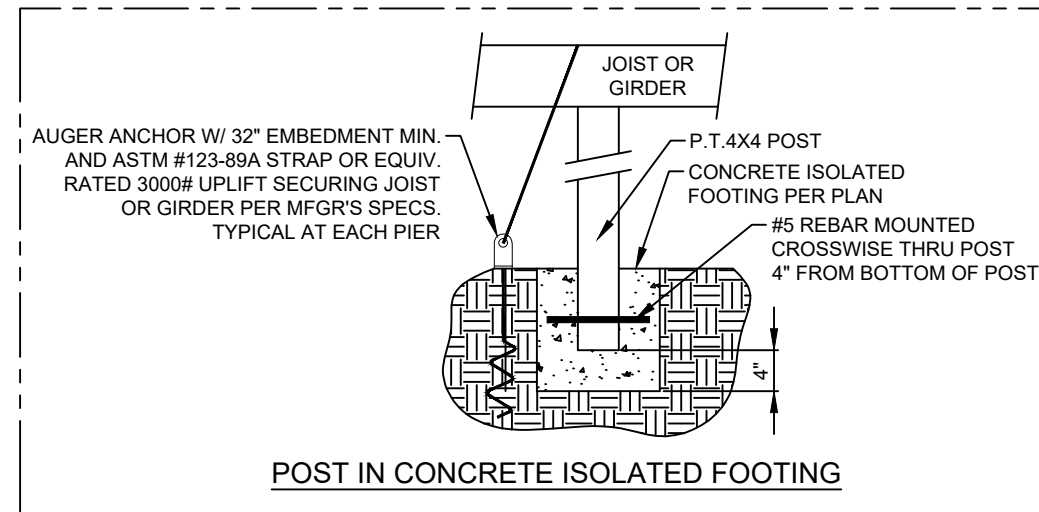
JOIST	SPAN (W)
PT 2x6	9' MAX
PT 2x8	12' MAX
PT 2x10	14' MAX
PT 2x12	16'-6" MAX

GIRDER SPAN LENGTHS

GIRDER SIZE (S)	DECK JOIST SPAN < OR= TO (FEET)			
	6'	8'	10'	12'
(2) PT 2X6	6'-11"	5'-11"	5'-4"	4'-10"
(2) PT 2X8	8'-9"	7'-7"	6'-9"	6'-2"
(2) PT 2X10	10'-4"	9'-0"	8'-0"	7'-4"
(2) PT 2X12	12'-2"	10'-7"	9'-5"	8'-7"

PRODUCT APPROVAL CODE CHART
STRUCTURAL COMPONENTS
SIMPSON PBS OR ABU44 FL10860
SIMPSON H2.5A FL10456
SIMPSON LUS26 FL10531
SIMPSON LPC4 POST CAP FL10860

NOTE:  
ALL CONNECTORS AND FASTENERS IN CONTACT W/ TREATED WOOD SHALL BE ZINC COATED GALVANIZED STEEL OR SIMPSON 'ZMAX'



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Digitally signed by Joel A Falardeau  
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CONTRACTOR:

TIMBERLAKE ALUMINUM

WOOD DECK DETAILS  
S-5