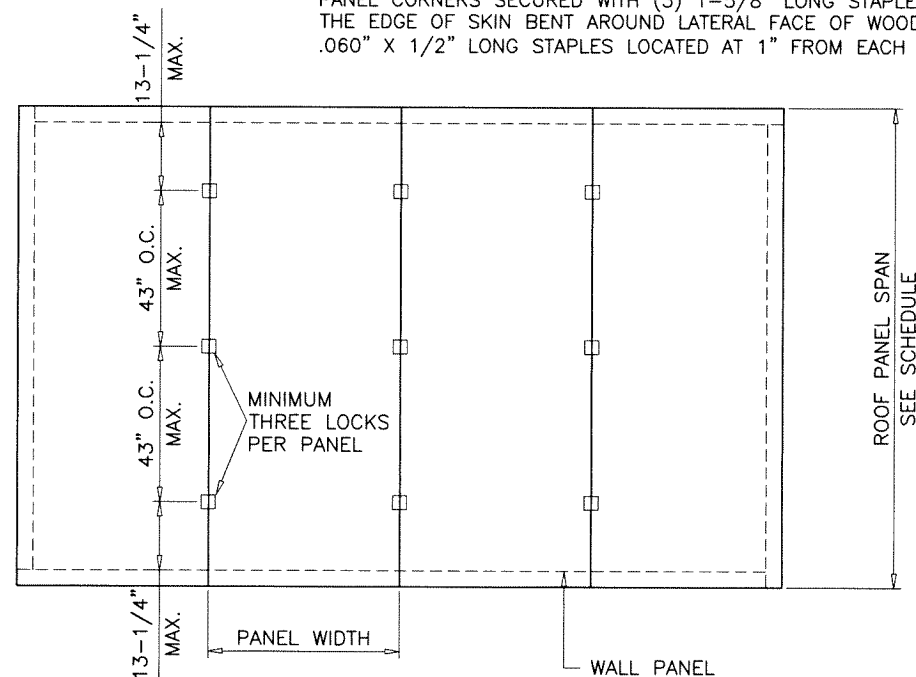


KPSG STRUCTURAL WOOD FRAME FOAM PANELS

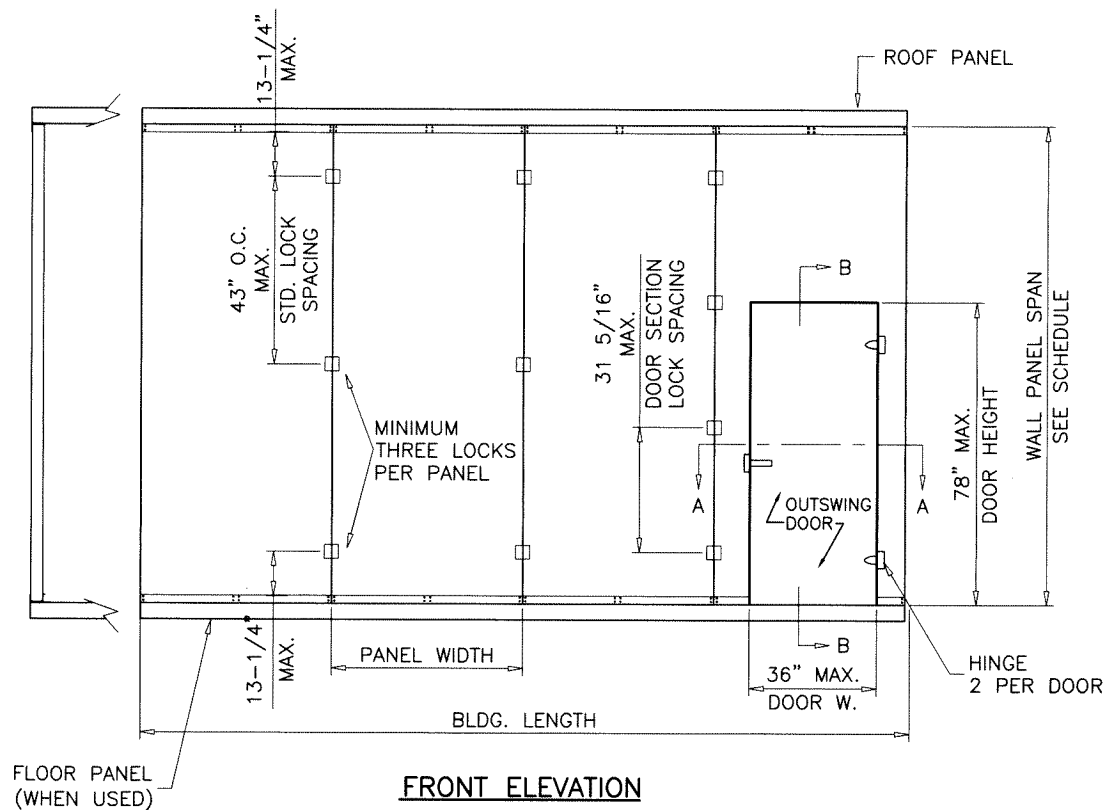
SCALE: 1/8" = 1"

PANEL CORNERS SECURED WITH (3) 1-5/8" LONG STAPLES HAVING A SHANK DIAMETER OF .060". THE EDGE OF SKIN BENT AROUND LATERAL FACE OF WOOD FRAME AND SECURED WITH .060" X 1/2" LONG STAPLES LOCATED AT 1" FROM EACH CORNER AND 7" O.C. MAX.



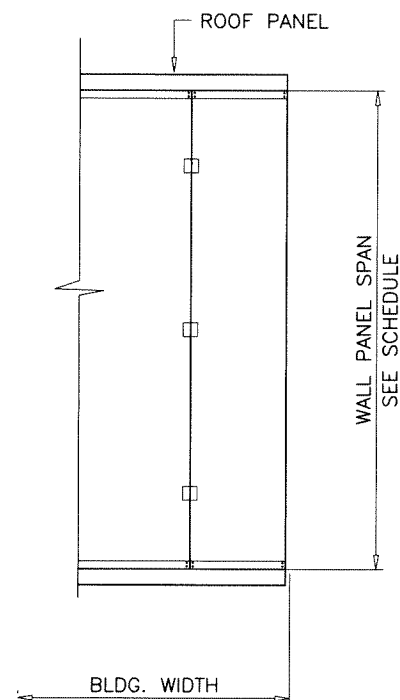
ROOF PLAN OR FLOOR PLAN

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



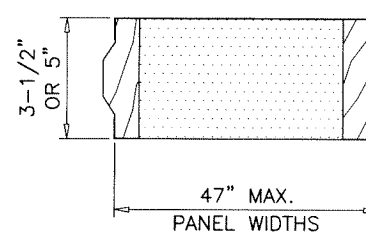
FRONT ELEVATION

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

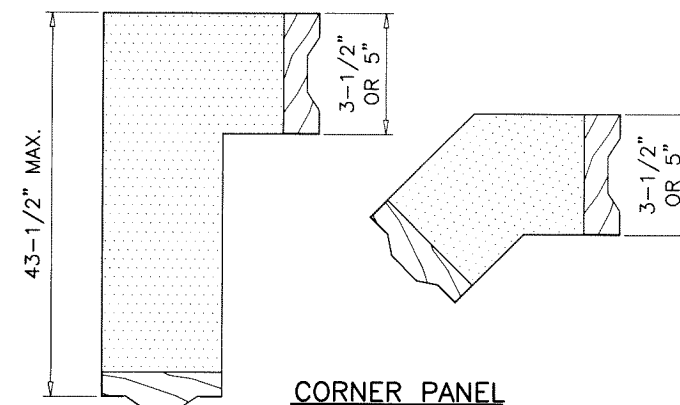


SIDE ELEVATION

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



STARTER PANEL



CORNER PANEL

WALL PANELS-SINGLE SPAN $\Delta = L/180$			
DESIGN WIND LOAD	ALLOWABLE SPAN		
	3-1/2" PANEL	5" PANEL	
	WITH OR W/O DOOR	WITH DOOR	WITHOUT DOOR
40 PSF	10'-1"	10'-1"	12'-9"
50 PSF	9'-9"	9'-9"	12'-8"
60 PSF	9'-2"	9'-2"	11'-11"

ROOF PANELS-SINGLE SPAN $\Delta = L/240$	
DESIGN WIND LOAD	ALLOWABLE SPAN
	5" PANEL
70 PSF	11'-8"

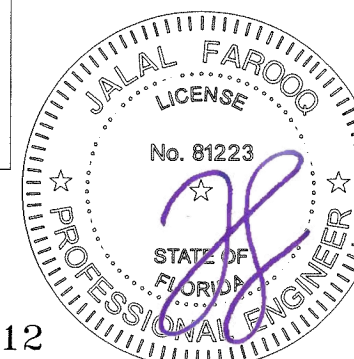
SHEET #	INDEX OF DRAWING
1 TO 3	SHOWS TYPICAL PANEL/DOOR ELEV. & DETAILS
4	SHOWS BEAM AND COLUMN CONNECTION DETAILS
5 & 6	SHOWS ADDITIONAL DETAILS FOR VARIOUS ENCLOSURE ARRANGEMENTS

GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. STRUCTURAL STEEL SHALL CONFORM TO ASTM DESIGNATION A-36 AND STEEL SHEET SHALL CONFORM TO ASTM DESIGNATION A-653, GALVANIZED WITH A COATING DESIGNATION OF G90. MIN. Y.S. = 48,380 PSI.
3. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
4. ELECTRICAL AND MECHANICAL DETAILS ARE NOT PART OF THIS APPROVAL.
5. POLYURETHANE SHALL BE RIGID FOAM MIN. DENSITY #2 C.F.
6. MAX. FLAME SPREAD RATING = 25 OR LESS AS PER ASTM E-84. SMOKE DEVELOPED INDEX = 450 OR LESS AS PER ASTM E-84. SPONTANEOUS-IGNITION TEMPERATURE NOT LESS THAN 800°F AS PER ASTM D-1929.
7. ALL STEEL TO BE SHOP PRIMED BEFORE ASSEMBLY.
8. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2020/2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.
9. MIN. SOIL BEARING CAPACITY = 2500 PSF.
10. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
11. DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.
12. MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

NOTE: ENCLOSURES LARGER THAN 400 SQ. FT. IN AREA SHALL BE EQUIPPED WITH AN APPROPRIATE FIRE SUPPRESSION SYSTEM, IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS.

NOTE: THE MAX. LENGTH OF BUILDING SHOULD NOT EXCEED FOUR TIMES THE WIDTH OF THE BUILDING. FOR BUILDING LENGTHS GREATER THAN TWO TIMES WIDTH INTERIOR DIAPHRAGM WALL WILL BE PROVIDED.



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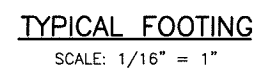
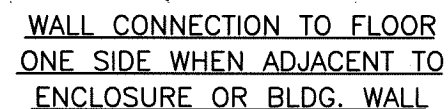
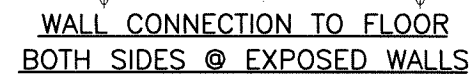
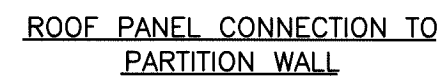
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revisions:		no	date	by	description
		A	07.21.23		UPDATED TO 2023 FBC
date:	01-11-22	scale:	NOTED	dr. by:	TARIQ
chk. by:					
drawing no.	22-02F				
sheet	1 of 6				



PLYWOOD AND STEEL SKIN ARE SECURED TO FLOOR FRAME
WITH 1-5/8" LONG STAPLES WITH 0.060" DIA. SHANKS LOCATED
3" FROM EACH END AND 3" O.C. MAX.

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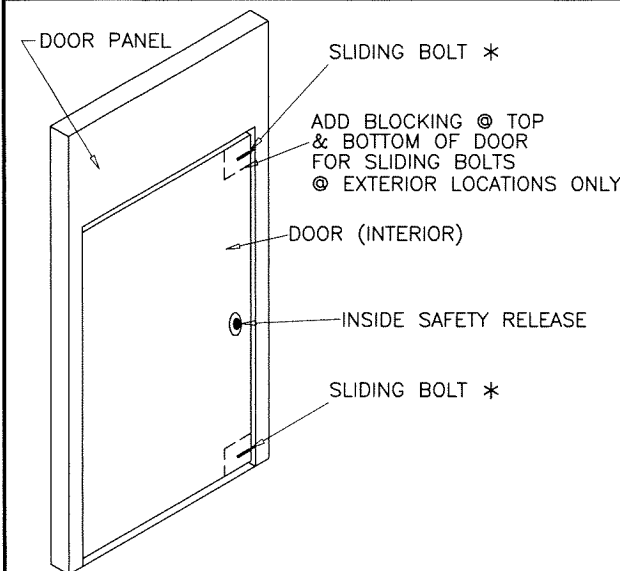
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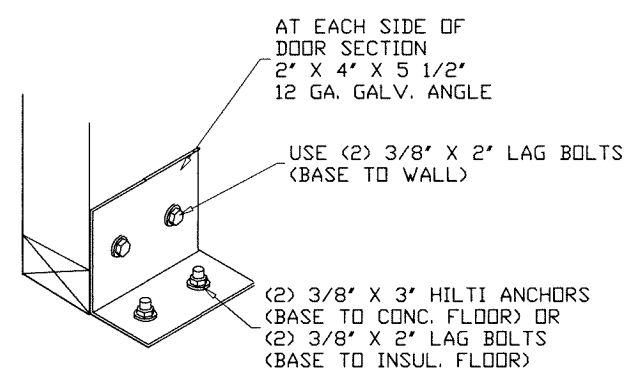
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chk. by:			

drawing no. 22-02F

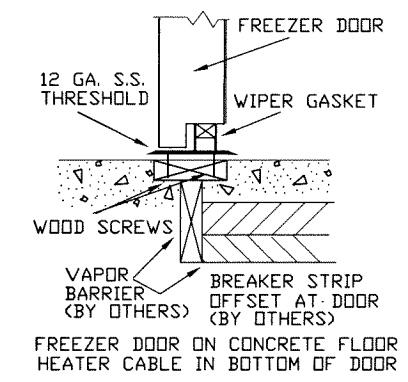
sheet 2 of 6



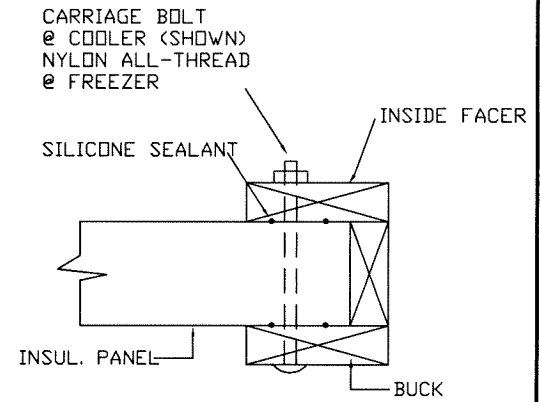
* REQUIRED WHEN DOOR IS INSTALLED IN EXTERIOR WALLS



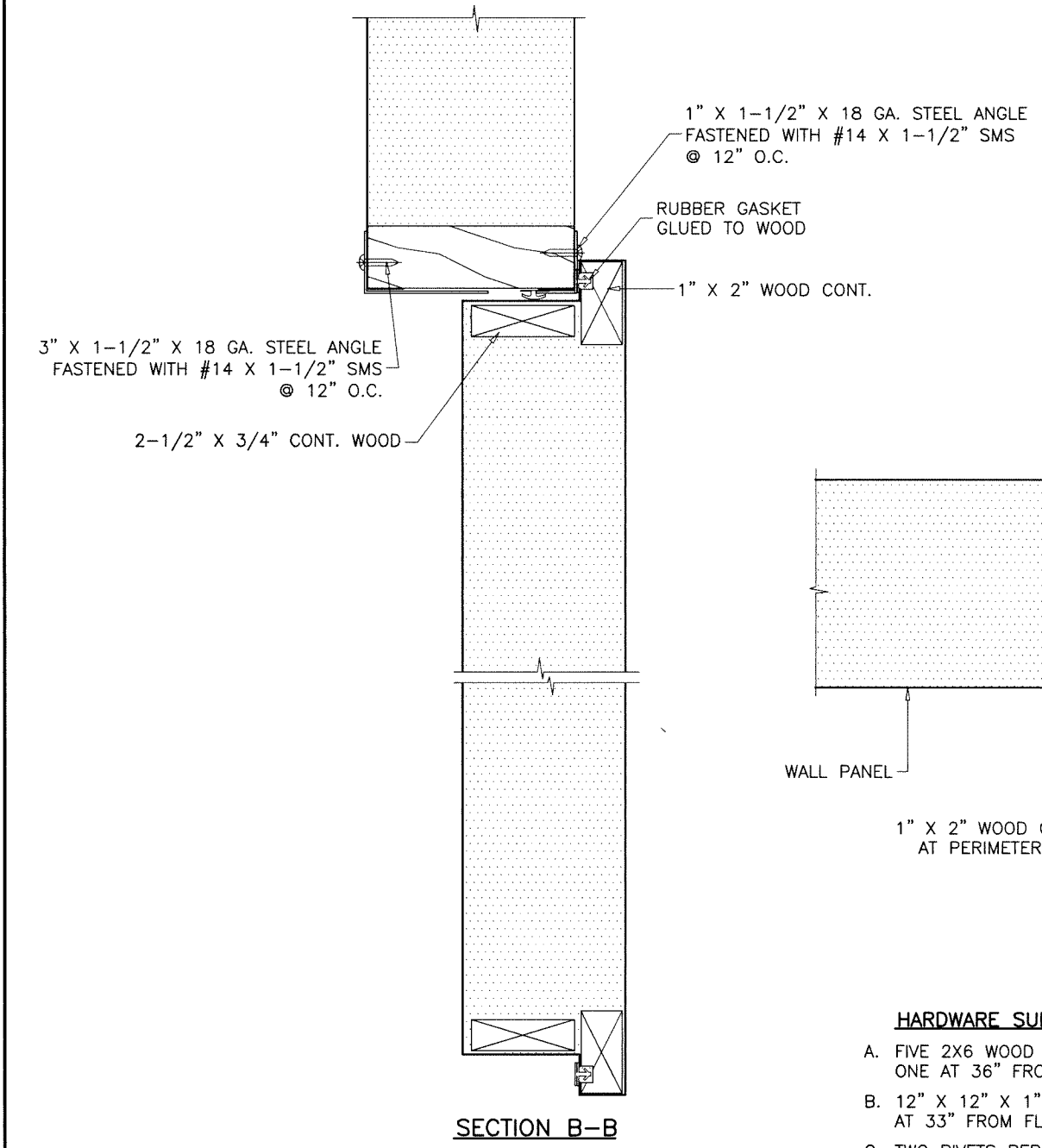
② DETAIL-DOOR STABILIZER



③ DETAIL-THRESHOLD AT INSULATED SLAB

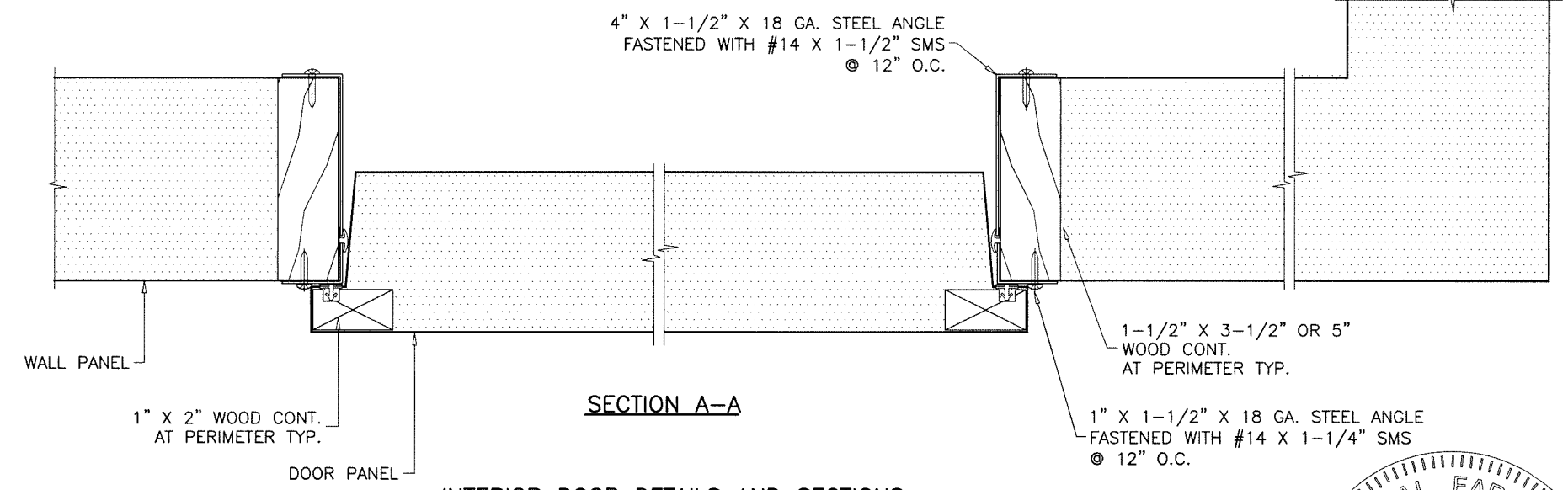


⑧ DETAIL-DOOR BUCK



HARDWARE	QUANTITY	LOCATION
HINGE	2	AT 6" FROM EACH END OF HINGE JAMB SECURED TO DOOR AND JAMB W/ (4) 1/4 X 1-1/8" SCREWS.
LATCH	1	42" FROM BOTTOM OF LOCK JAMB SECURED TO DOOR W/ (4) 1/4 X 1-1/8" SCREWS.
LATCH KEEPER	1	42" FROM BOTTOM OF LOCK JAMB SECURED TO LOCK JAMB W/ (4) 1/4 X 1-1/8" SCREWS.
SURFACE BOLT	2	8" FROM EACH END OF LOCK STILE SECURED TO DOOR W/ (4) 1/4 X 1-1/8" SCREWS.

WEATHERSTRIPPING	QUANTITY	LOCATION
1/2" X 3/16" FOAM	1 ROW	INTERIOR & EXTERIOR AT EACH JOINT BETWEEN PANELS
3/16" X 1/8" FOAM	1 ROW	TOP RAIL AND STILES OF DOOR, INSIDE W'STRIP CHANNEL
3/4" X 3/8" BULB VINYL WITH MAGNET	1 ROW	TOP RAIL AND STILES OF DOOR, INSIDE W'STRIP CHANNEL
1-1/2" X 1/2" FOAM	1 ROW	DOOR BOTTOM RAIL
2-1/2" LONG VINYL SWEEP	1 ROW	DOOR BOTTOM RAIL



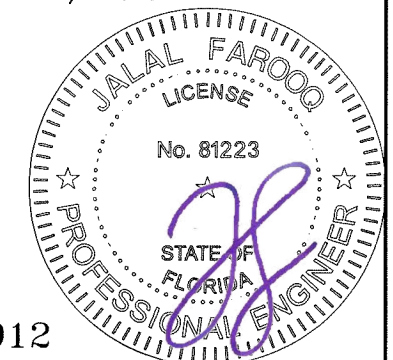
INTERIOR DOOR DETAILS AND SECTIONS

HARDWARE SUPPORT NOT SHOWN FOR CLARITY

- FIVE 2X6 WOOD STUDS 8" LONG, LOCATED AT FOUR CORNERS ONE AT 36" FROM BOTTOM SASH.
- 12" X 12" X 1" PLYWOOD LOCATED AT PANIC DEVICE LOCATION AT 33" FROM FLOOR GLUED TO INTERIOR SKIN.
- TWO RIVETS PER INTERIOR SKIN CORNER.

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no	date	by	description

date: 01-11-22

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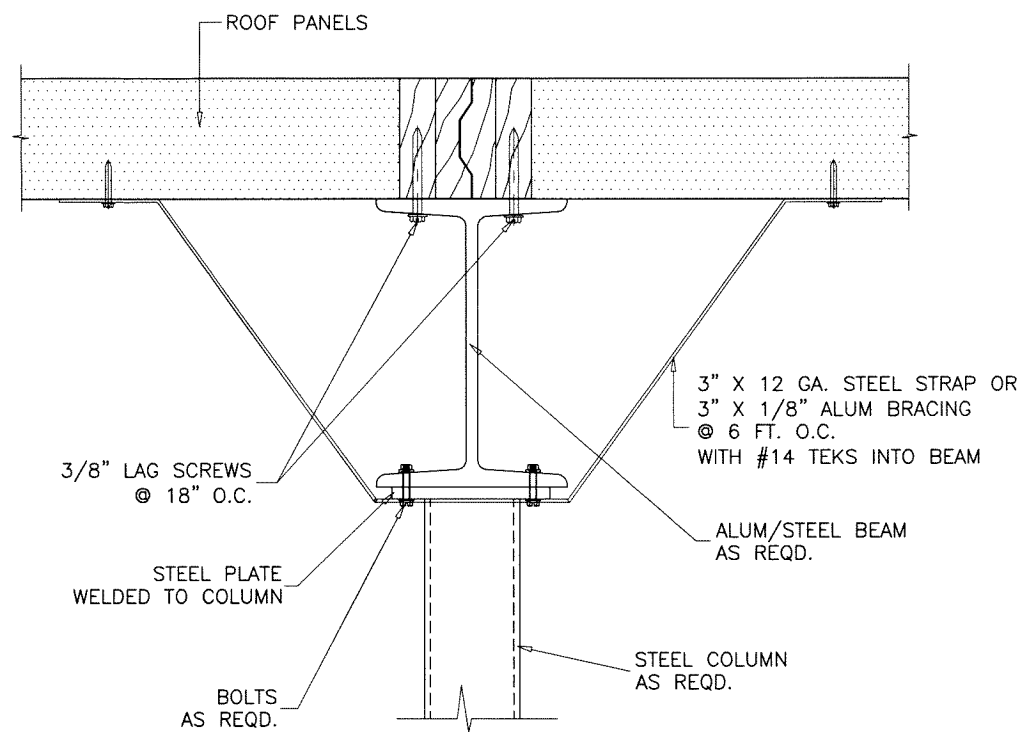
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chk. by:

drawing no.

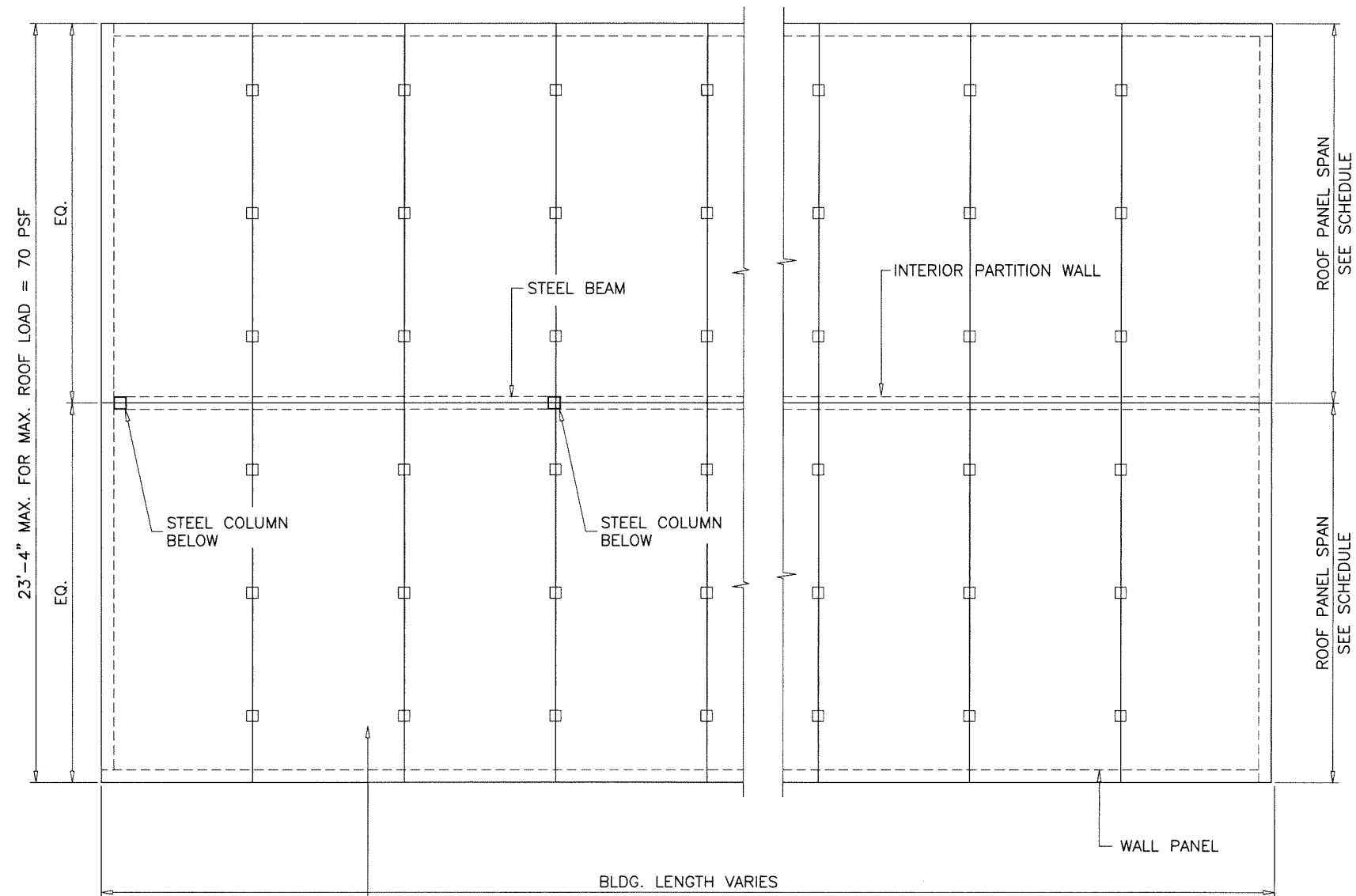
22-02F

sheet 3 of 6



ROOF PANELS CONNECTION TO BEAM

SCALE: 1/8" = 1"

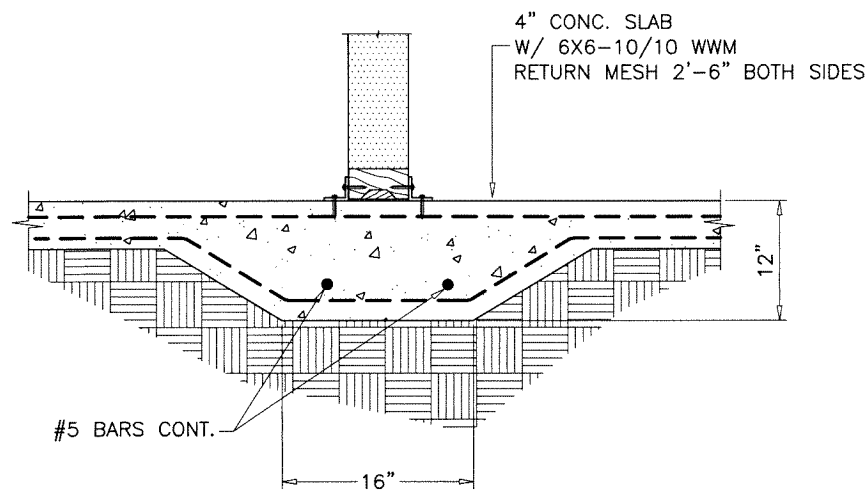


ROOF PLAN WITH STEEL BEAM & COLUMN

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

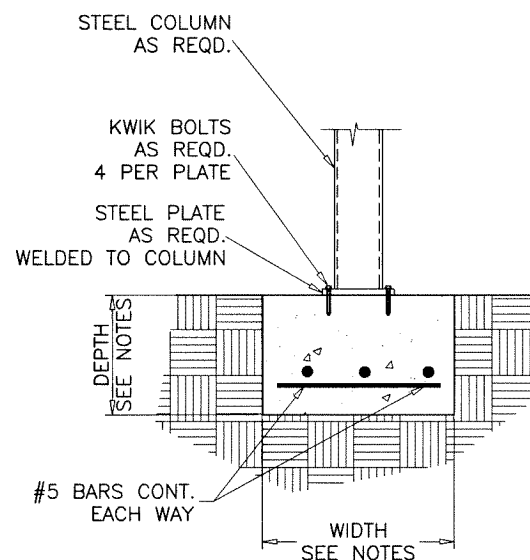
NOTE:

- EACH EXTERIOR INSTALLATION SHALL HAVE A FOUNDATION DESIGN BY A FLORIDA REGISTERED ENGINEER.
- FOR ROOF PLAN WITH STEEL BEAMS AND COLUMNS; THE BEAMS, COLUMNS AND FOOTING SIZE AND REINFORCEMENT ARE NOT PART OF THIS APPROVAL AND SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT FOR EACH JOB.
- ALL CONCRETE ANCHORS SHALL BE MINIMUM AS SPECIFIED ON THESE DRAWINGS. THE EMBEDMENT LENGTHS NOTED SHALL NOT INCLUDE FINISH MATERIAL.



TYPICAL FOOTING AT PARTITION WALL

SCALE: 1/16" = 1"

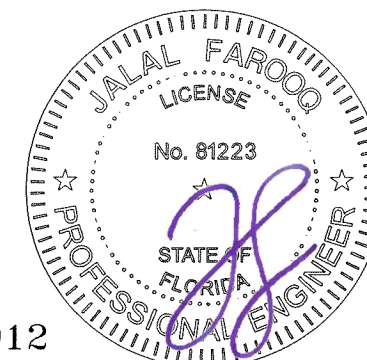


TYPICAL FOOTING AT COLUMN

SCALE: 1/16" = 1"

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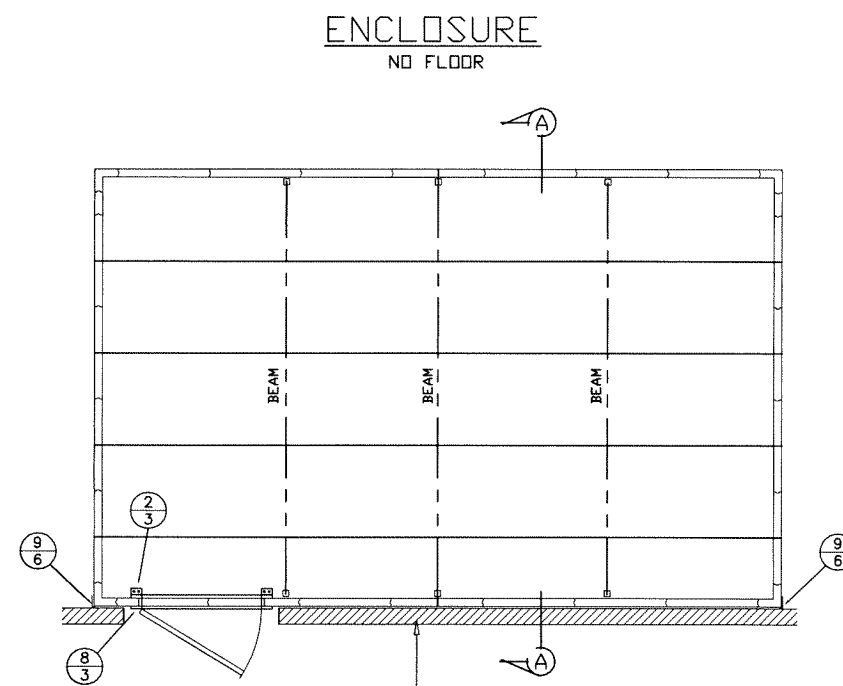
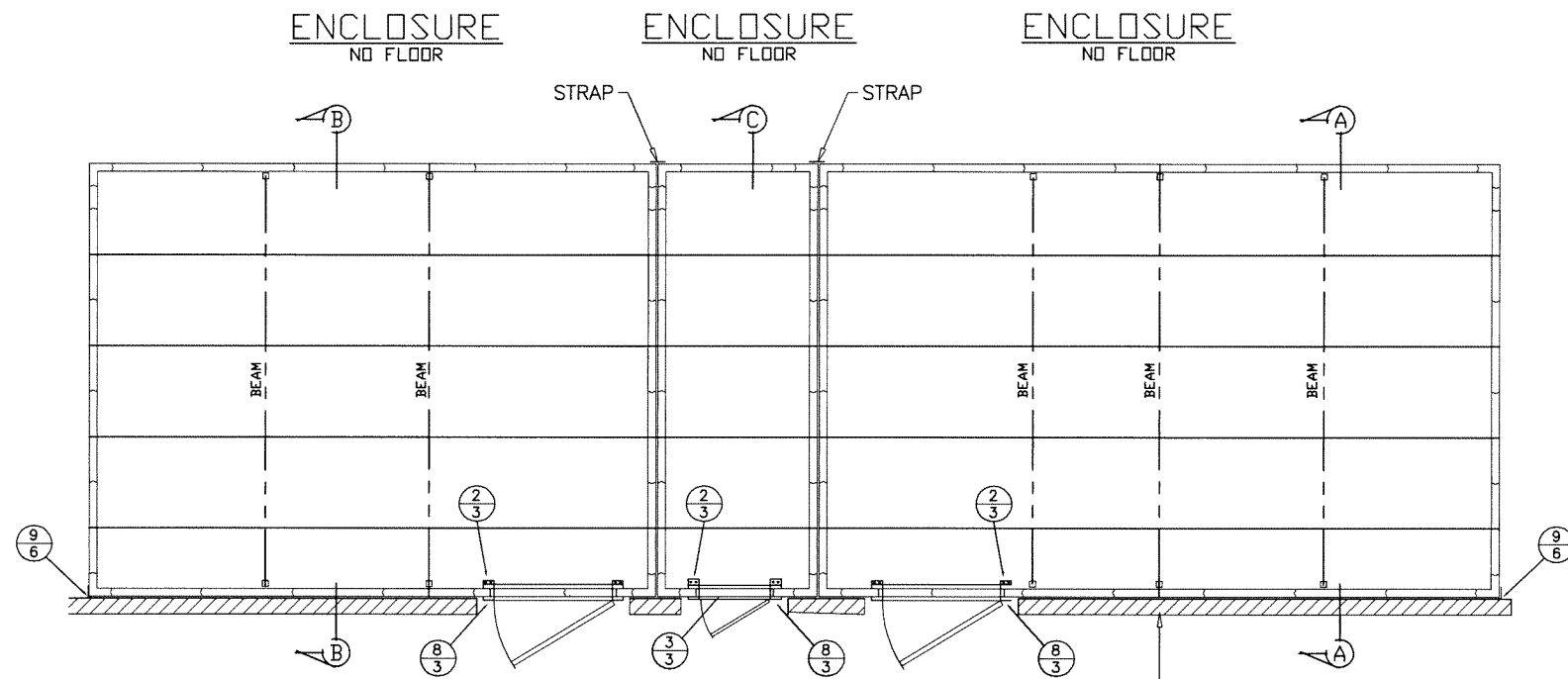
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no	date	by	description					

drawing no.

22-02F

sheet 4 of 6

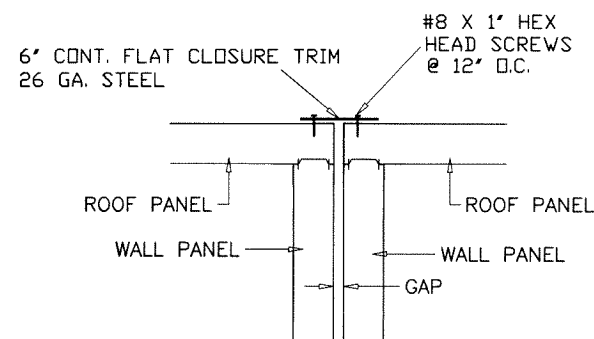


EXISTING STRUCTURE WALL
BLOCK OR CONC.

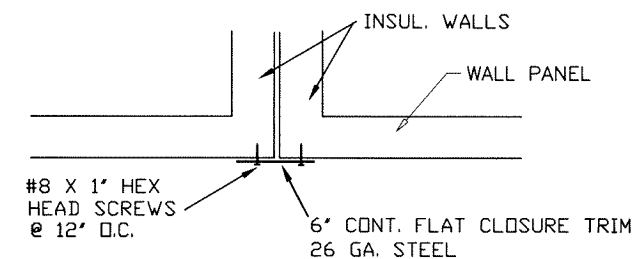
EXISTING STRUCTURE WALL
BLOCK OR CONC.

3/8" DIA. TITEN HD BY 'SIMPSON'
2-1/2" MIN. EMBED
2-3/4" MIN. EDGE DIST.
OR
1/4" DIA. HUS-EZ BY 'HILTI'
2-1/2" MIN. EMBED.
3" MIN. EDGE DIST.
INTO 3000 PSI CONC.
@ 6" O.C.

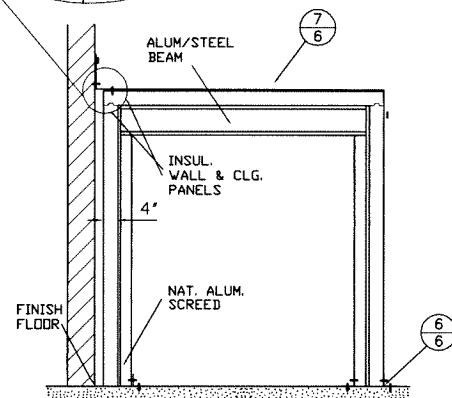
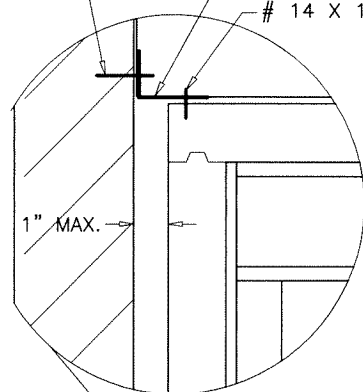
2" X 2" ANGLE
18 GA. STEEL
14 X 1-1/4" SCREWS @ 4" O.C.



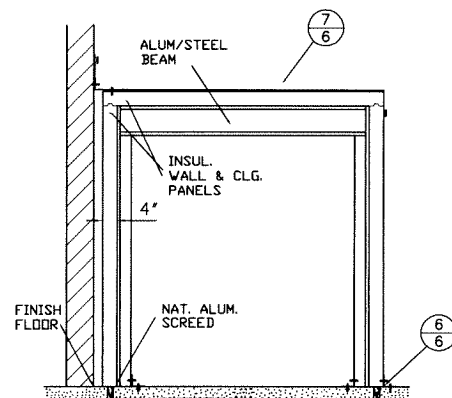
SIDE BY SIDE UNITS
ELEVATION



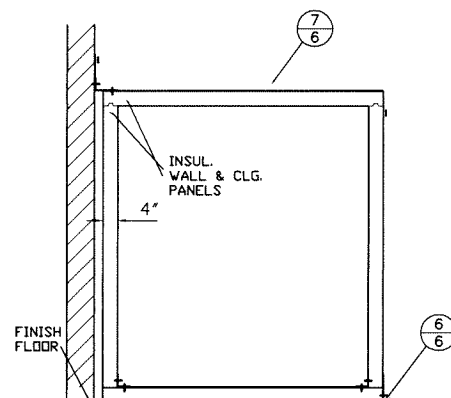
SIDE BY SIDE UNITS
PLAN VIEW



A SECTION NO SCALE



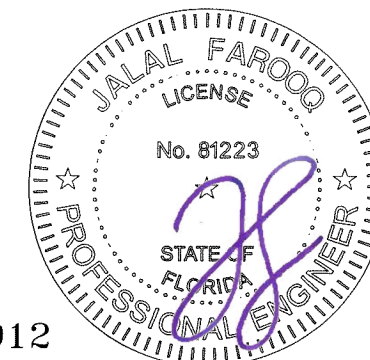
B SECTION NO SCALE



C SECTION NO SCALE

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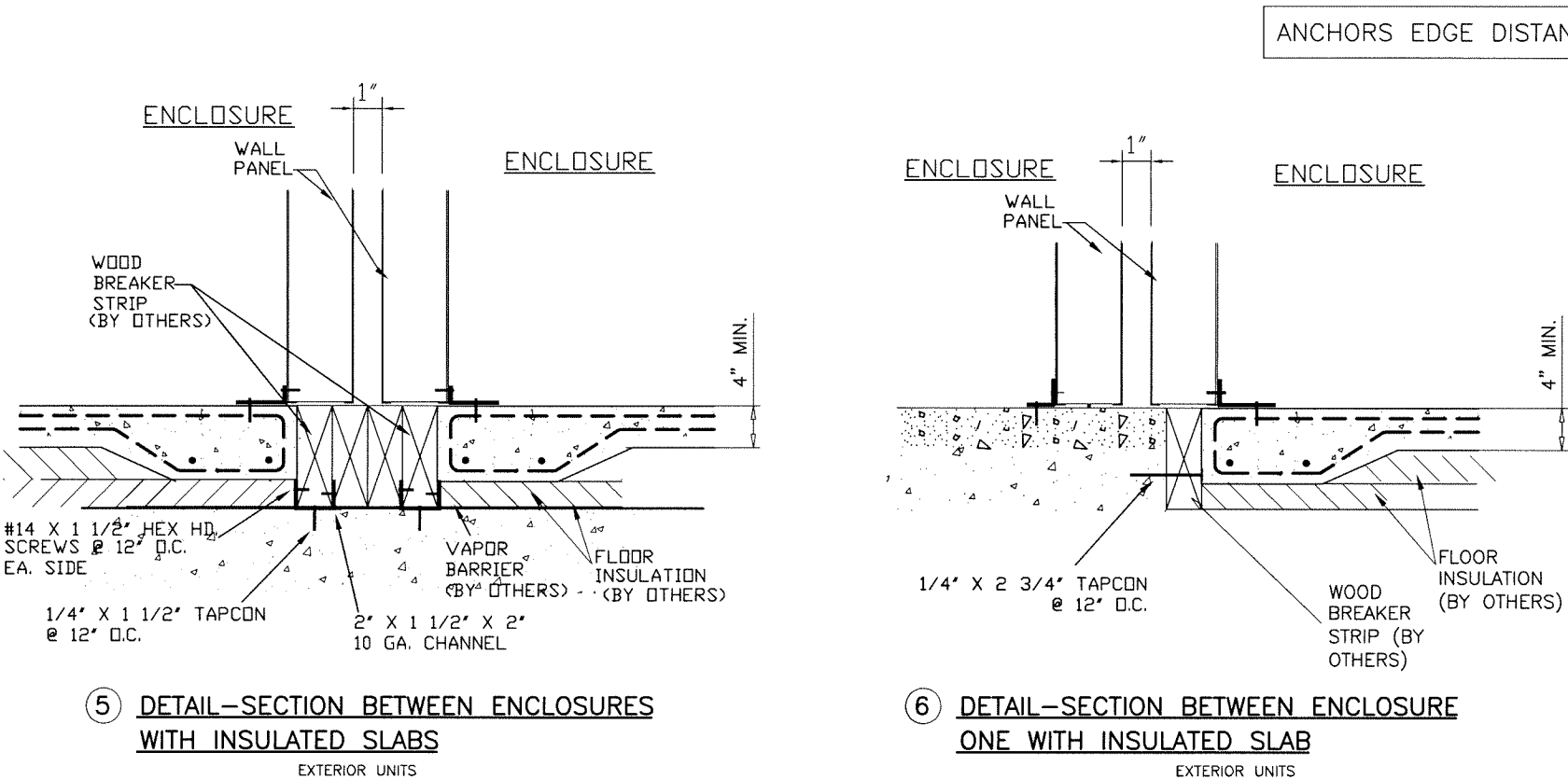
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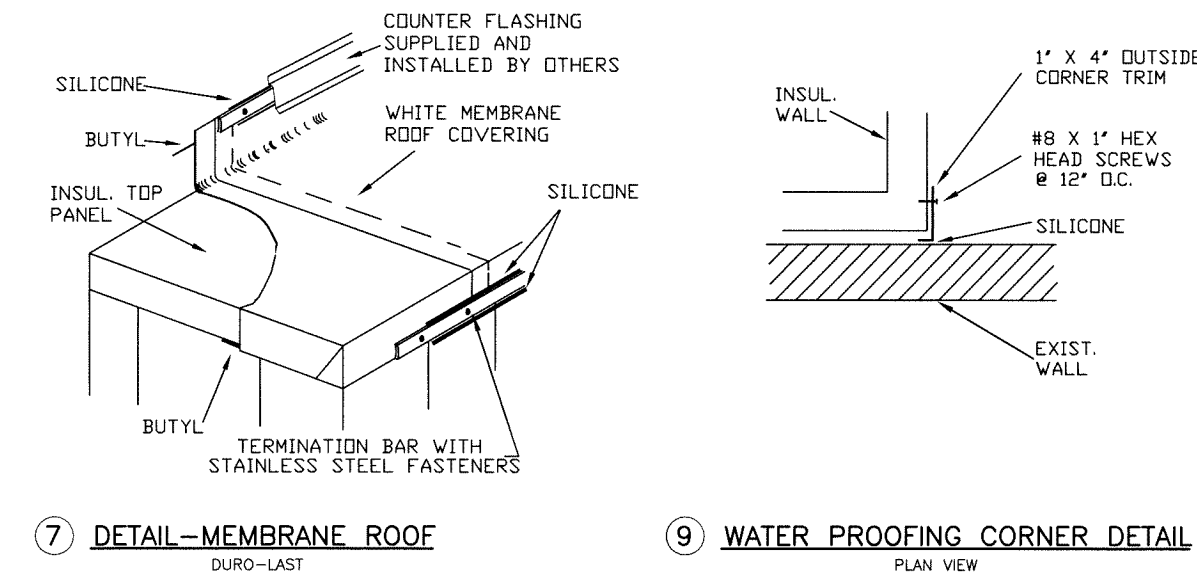
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no	date	by	description

date: 01-11-22
scale: -
dr. by: TARIQ
chk. by:

drawing no.
22-02F
sheet 5 of 6

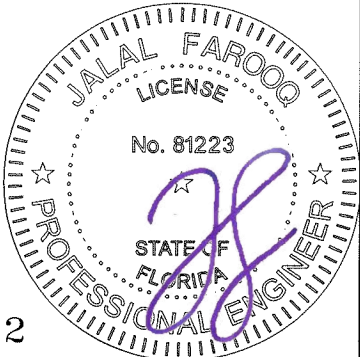


INSULATED SLAB/WOOD SEPARATION AND THEIR CONNECTION TO SLAB SHOWN AS CONSTRUCTION DETAIL ARE NOT PART OF APPROVAL.



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sheet 6 of 6