

DESIGN LOAD CAPACITY - PSF			
D.L.O. WIDTH INCHES	D.L.O. HEIGHT INCHES	EXT.(+)	INT.(-)
27-1/2"	72-5/16"	80.0	100.0
33-1/2"		80.0	100.0
39-1/2"		80.0	98.6
45-1/2"		80.0	92.3
48-1/2"		80.0	89.9
27-1/2"	78-5/16"	80.0	100.0
33-1/2"		80.0	97.9
39-1/2"		80.0	89.6
41-1/2"		80.0	87.4
44-1/2"		80.0	84.4
27-1/2"	84-5/16"	80.0	100.0
33-1/2"		80.0	90.1
39-1/2"		80.0	82.2
41-1/2"		80.0	80.0

DOOR HEIGHT AND WIDTH SIZE MUST COMPLY
EGRESS REQUIREMENTS PER FBC AS REQUIRED.

LOAD CAPACITIES SHOWN IN CHART ABOVE
ARE FOR DOORS USING 3.785" SILL HEIGHT
FOR DOORS USING 3.285" SILL HEIGHT LIMIT
EXTERIOR(+) LOADS TO 70 PSF.

THIS SYSTEM IS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE
USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES
COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA MUST MEET
THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

SERIES '650' PVC SLIDING GLASS DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE FOR
NON HIGH VELOCITY HURRICANE ZONE.

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS
TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

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.

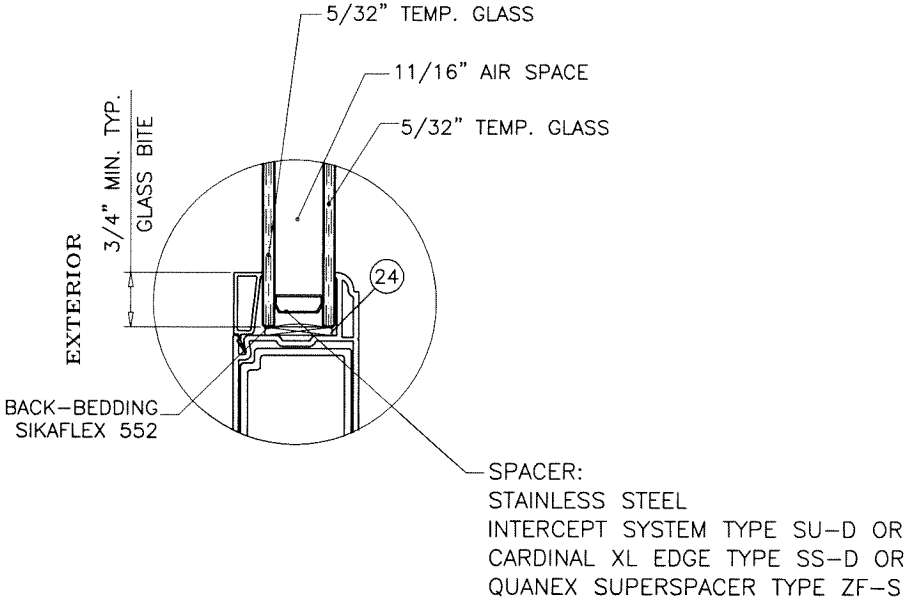
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

CHART 1

JAMB ANCHOR SPACING		
PRESSURE	UP TO 60 PSF	ABOVE 60 PSF
D.L.O. WIDTH INCHES	ANCHOR TYPE	ANCHOR TYPE
	A, A1, B, C	A, A1, B, C
33-1/2"	21"	18-1/2"
41-1/2"	21"	16"
48-1/2"	21"	15"

CHART 2

JAMB ANCHOR SPACING (APPLICABLE TO POCKET JAMB)				
PRESSURE	UP TO 60 PSF		ABOVE 60 PSF	
D.L.O. WIDTH INCHES	ANCHOR TYPE		ANCHOR TYPE	
	A1	A, B, C	A1	A, B, C
33-1/2"	11-7/8"	21"	7-1/8"	19"
41-1/2"	10"	21"	6-1/4"	16-1/2"
48-1/2"	8-3/4"	21"	5-3/4"	15-1/2"



GLAZING OPTIONS

1" OVERALL INSUL. GLASS

DAYLITE OPENINGS:

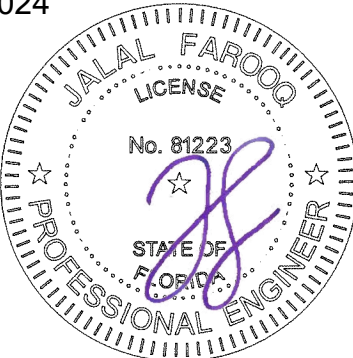
D.L.O. WIDTH = PANEL WIDTH - 8.500"

D.L.O. HEIGHT = PANEL HEIGHT - 8.500"

PANEL HEIGHT = FRAME HEIGHT - 3.188"

Sealed: 4/4/2024

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED
ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF
ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE
SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



FL #28643

afc

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-6978 FAX. (305) 262-6978

SERIES '650' PVC SLIDING GLASS DOOR (N.I.)

VWINCO, INC.
P.O. BOX 499
MORGANTOWN, PA. 19543
TEL. (610) 286-8884 FAX. (610) 286-8877

revisions:

no.	date	by	description
A	11.27.20	ML	UPDATED TO 2020 FBC
B	03.25.24		UPDATED TO 2023 FBC

date: 10-23-13

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dr. by: MLS

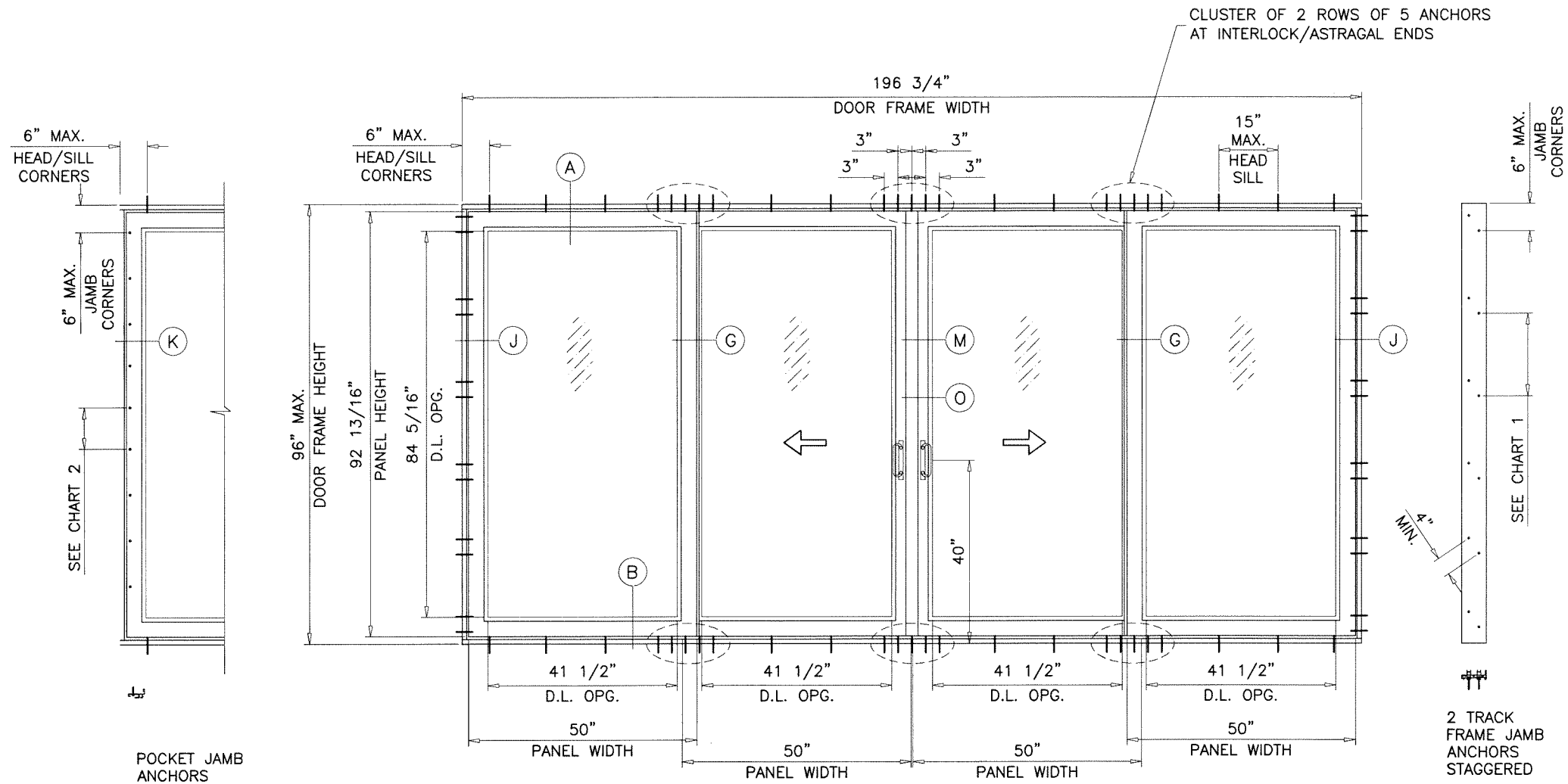
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drawing no.

W18-127

sheet 1 of 18

COMP-ANL\W18-127\WINCO



TYPICAL ELEVATION
OX-XO

Sealed: 4/4/2024



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af c
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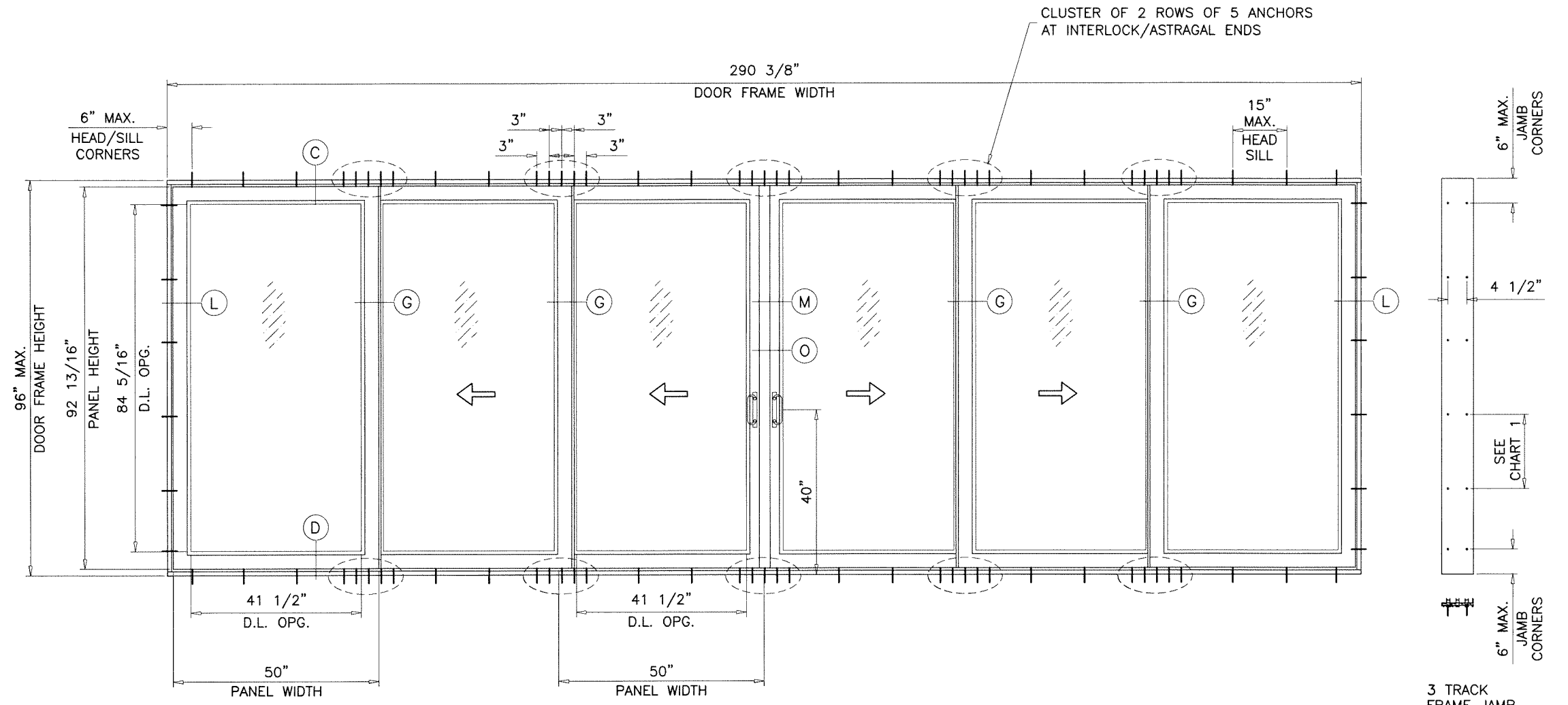
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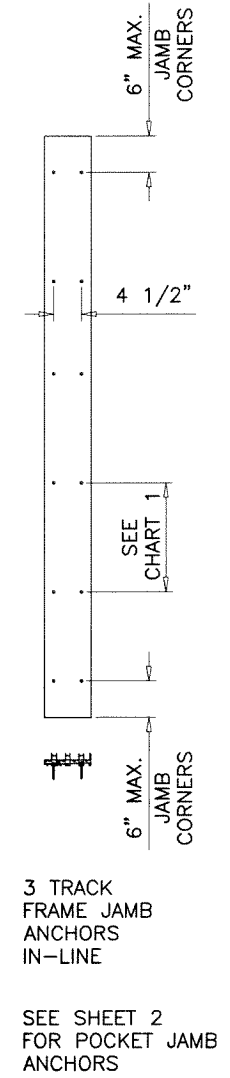
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dr. by:	MLS
chk. by:	

drawing no.
W18-127
 sheet 2 of 18



TYPICAL ELEVATION
OXX-XXO



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

Sealed: 4/4/2024



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af c

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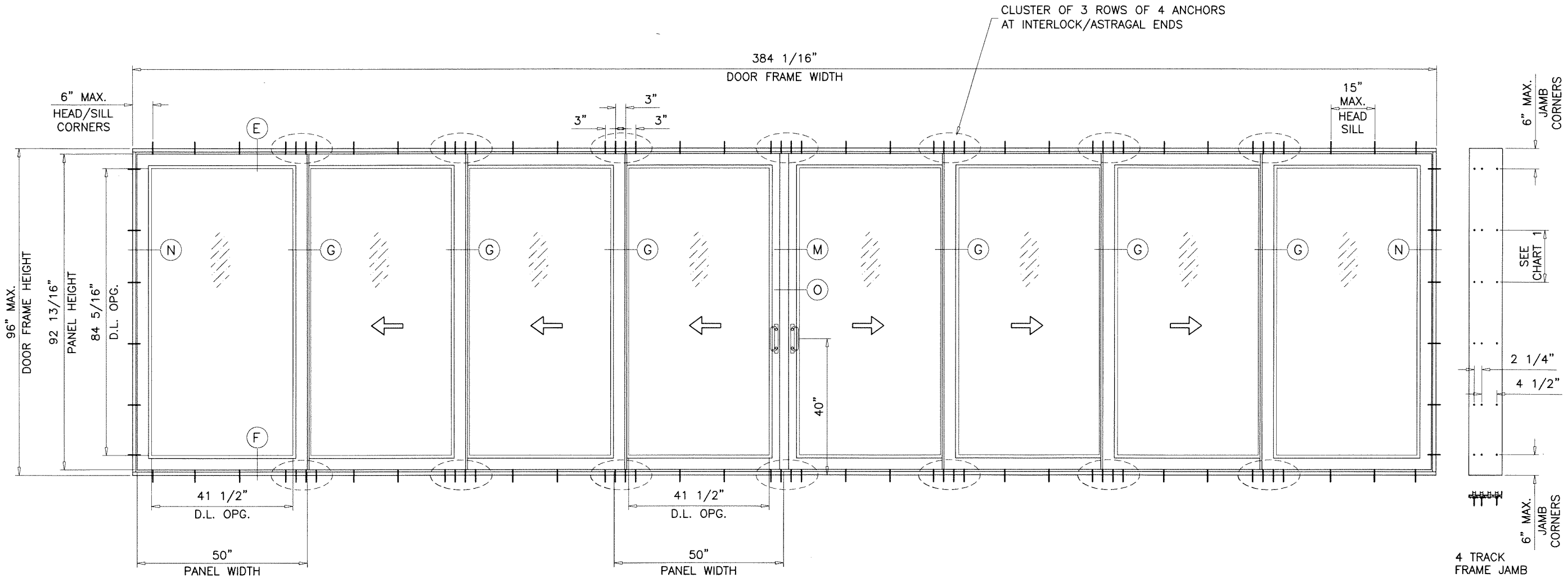
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dr. by: M.L.S.
chk. by:

drawing no.
W18-127
sheet 3 of 18



TYPICAL ELEVATION
OXXX-XXXX

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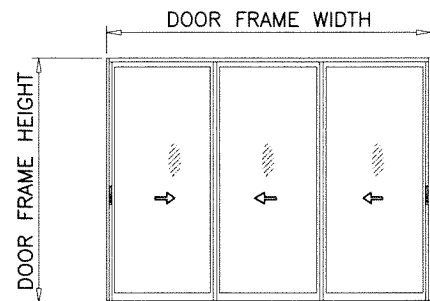
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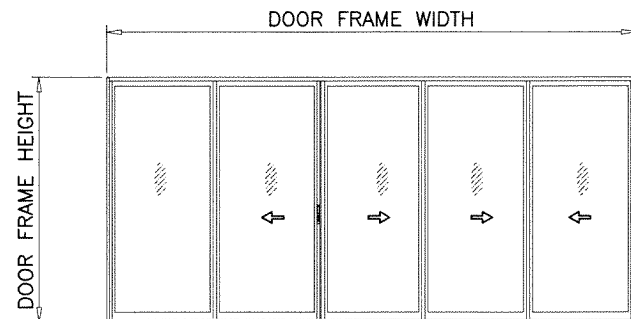
SEE SHEET 2 FOR POCKET JAMB ANCHORS

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by description ML UPDATED TO 2020 FBC	

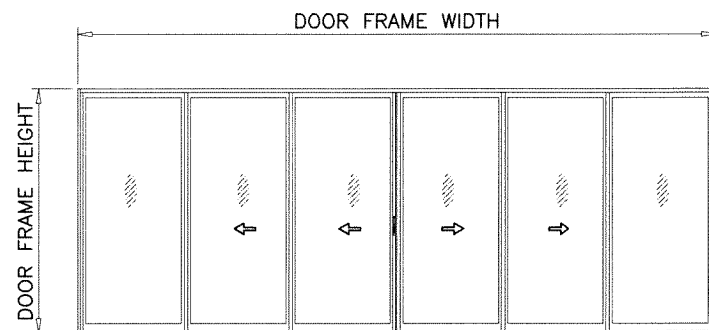
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drawing no. W18-127		sheet 4 of 18	



XXX (SHOWN)
OXX
XXO

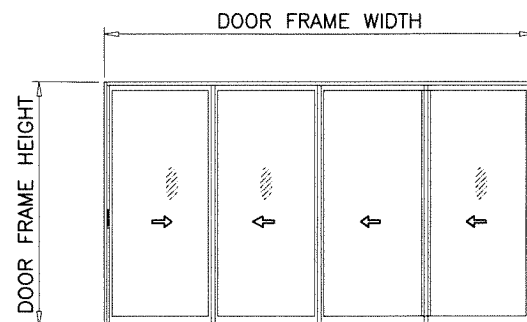


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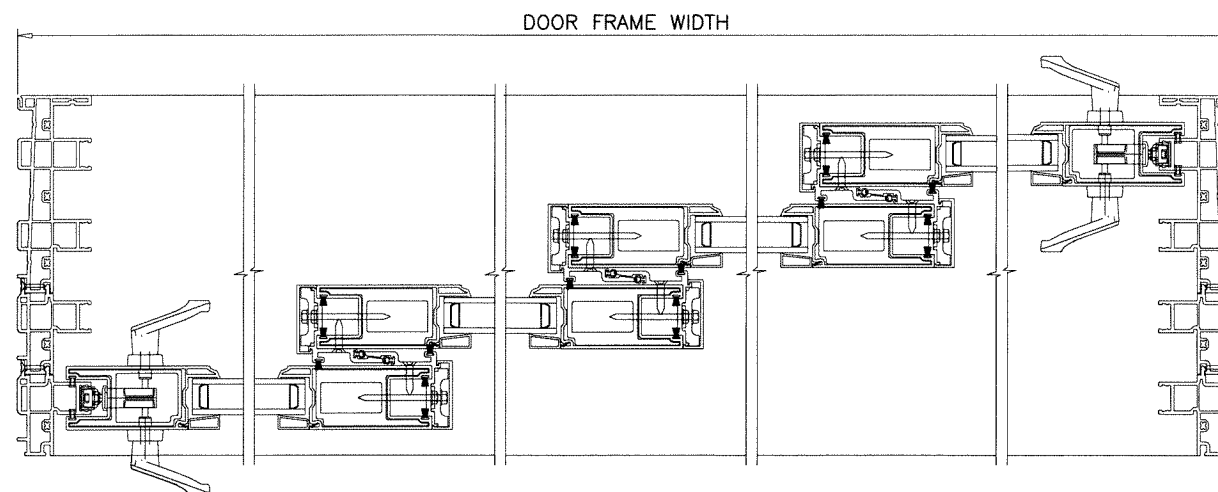
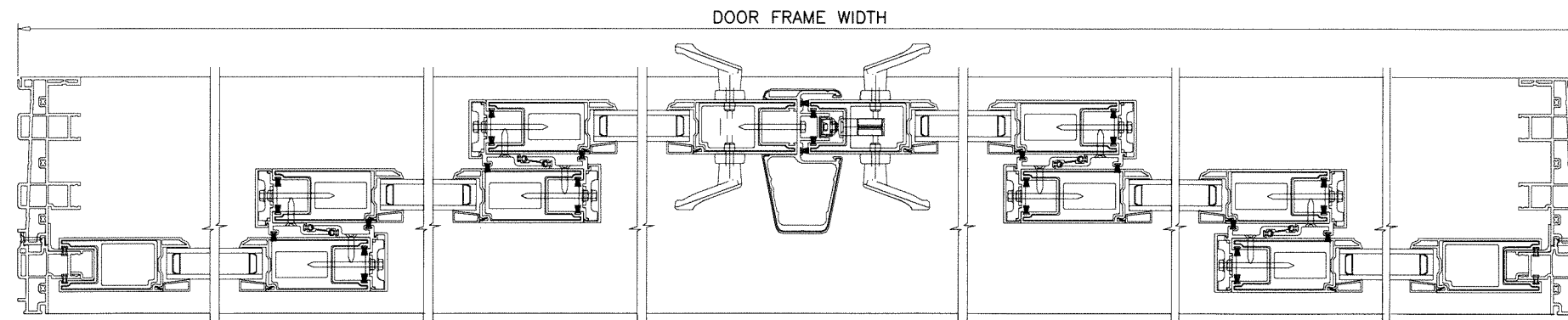
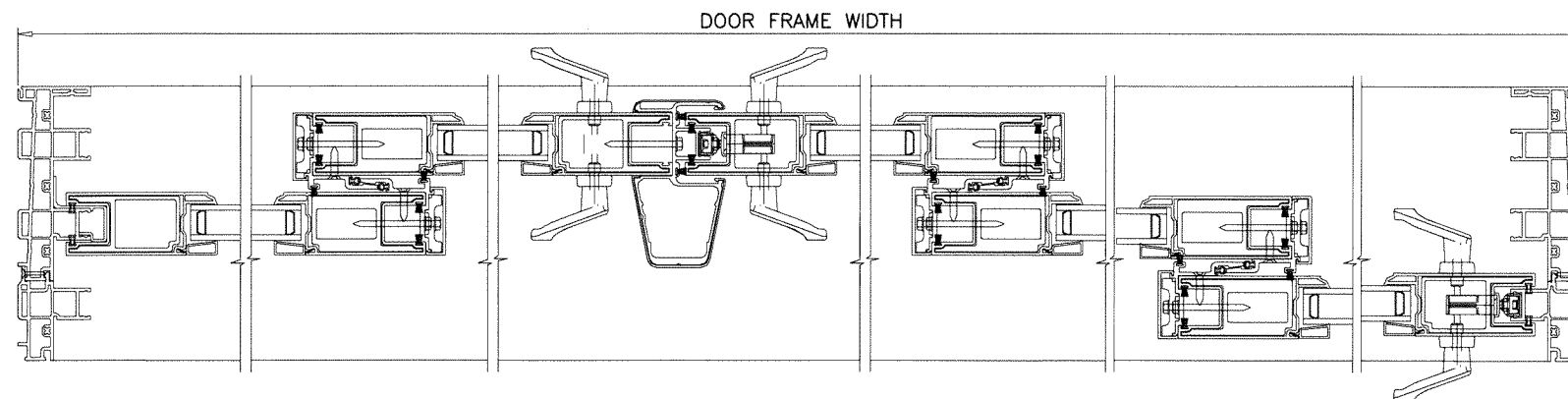
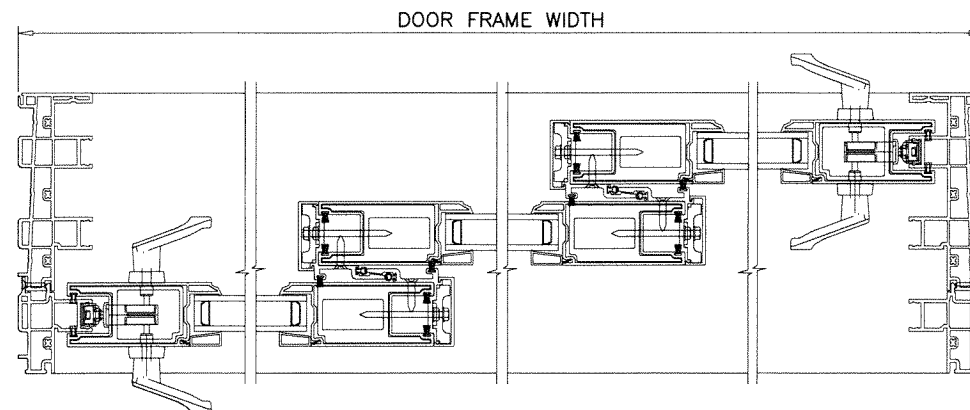
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APPROVED CONFIGURATIONS
NON-POCKETED DOORS
THREE (3) TRACKS



XXXX (SHOWN)
XXXX
OXXX

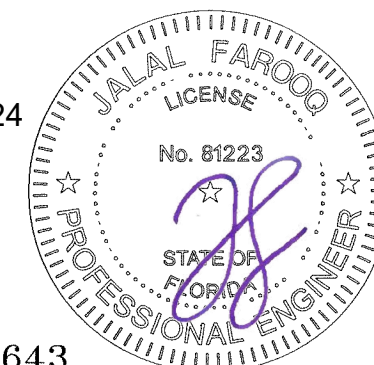
APPROVED CONFIGURATIONS
NON-POCKETED DOORS
FOUR (4) TRACKS



ALTERNATE SIZE UNITS:
MAX. FRAME AREA OF DOORS (NOT INCLUDING POCKETS)
NOT TO EXCEED 290.375 SQ. FT.

NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE ONLY
(SEE APPLICABLE ANCHOR INSTALLATIONS IN SHEETS 11 THRU 16)
SEE APPLICABLE ELEVATION FOR ANCHOR LOCATION IN SHEETS
2 THRU 4. ADDITIONAL TRACKS OR CONFIGURATIONS MAY ALSO BE
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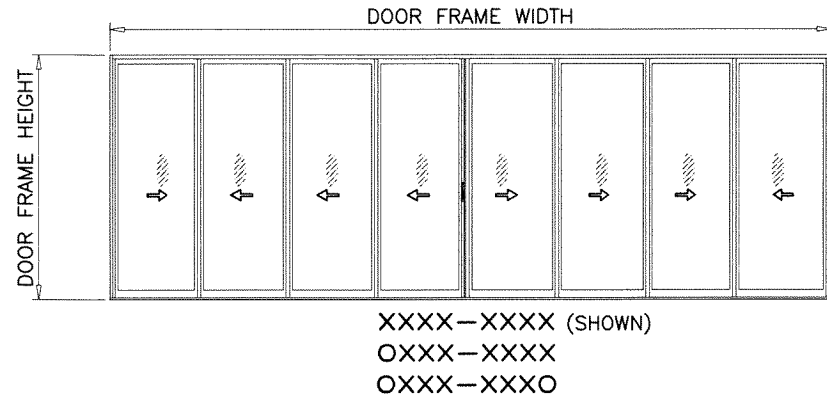
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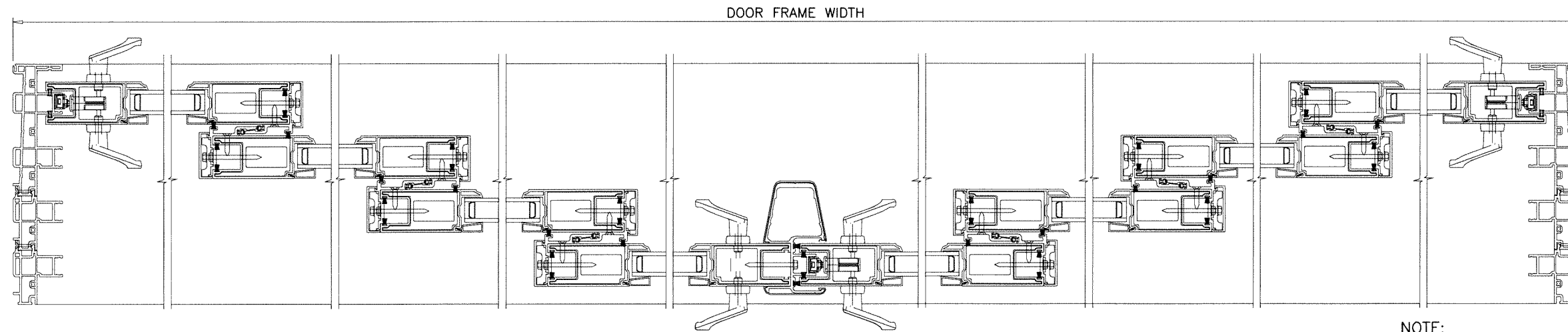
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W18-127
sheet 6 of 18

COMP-ANL\W18-127\WINCO

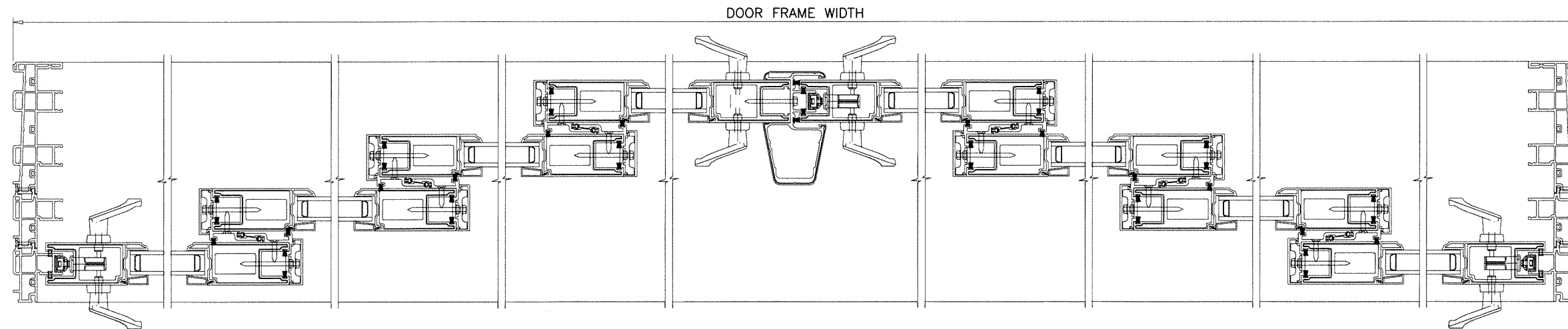


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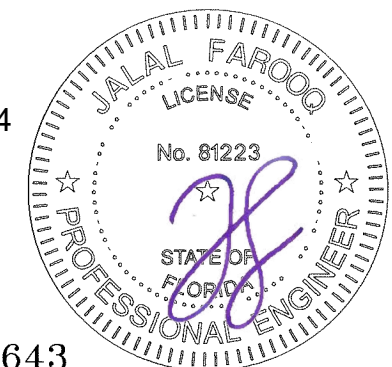


NOTE:
CONFIGURATION REVERSAL APPLIES
TO ALL NON POCKETED OPTIONS



APPROVED CONFIGURATIONS
NON-POCKETED DOORS
FOUR (4) TRACKS

Sealed: 4/4/2024



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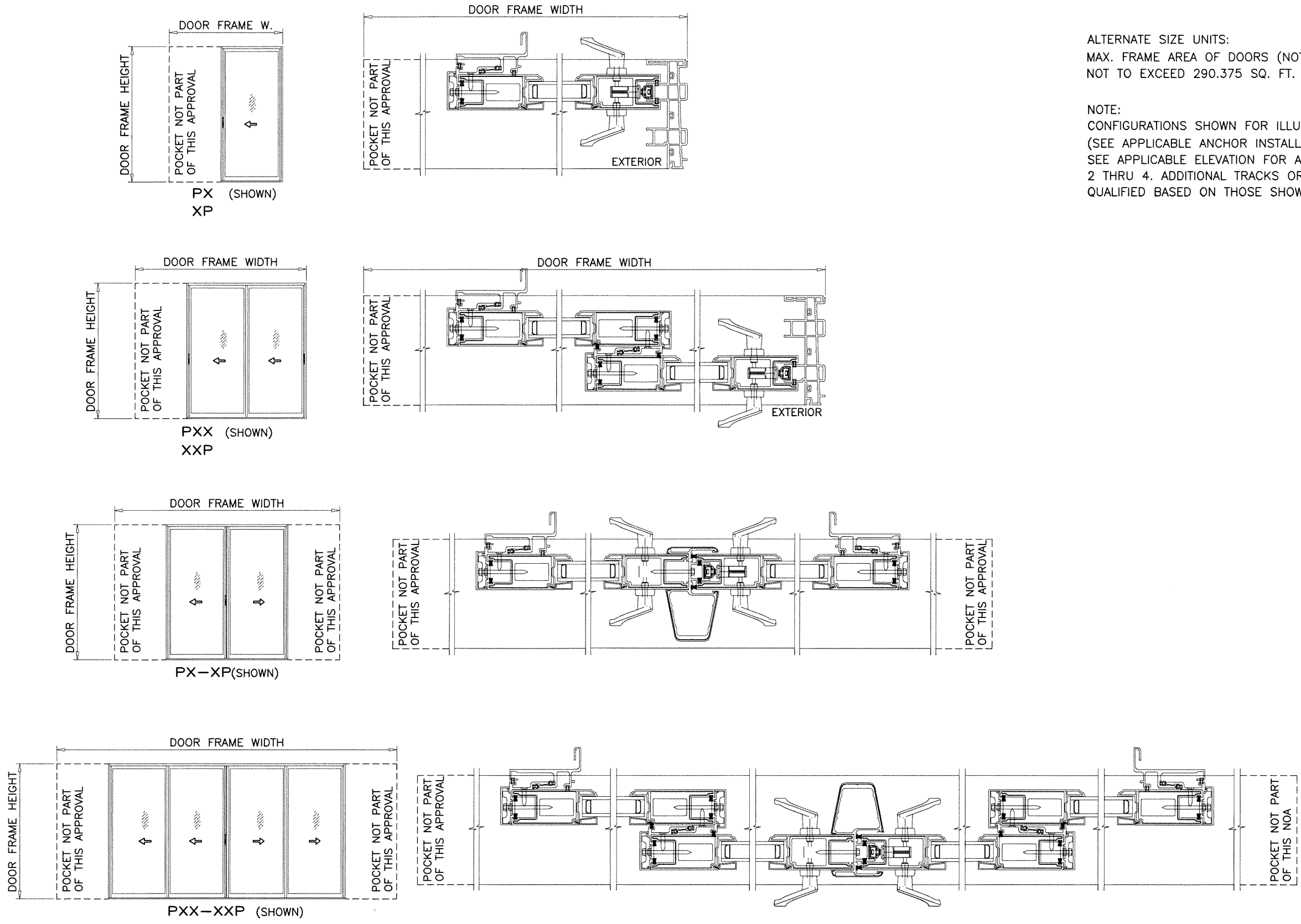
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chk. by:

drawing no.

W18-127

sheet 7 of 18

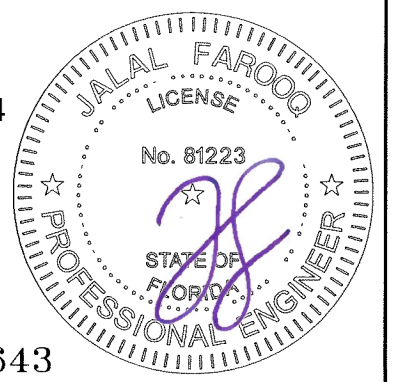


APPROVED CONFIGURATIONS
POCKETED DOORS
TWO (2) TRACKS

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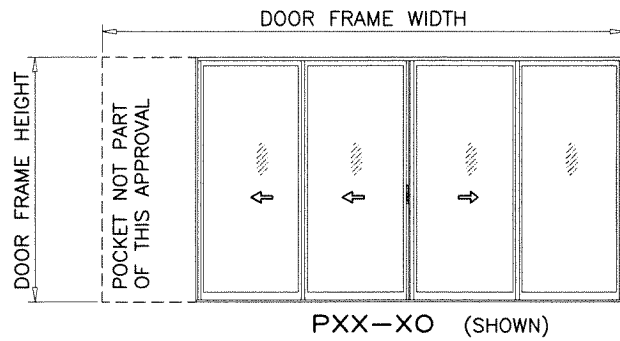
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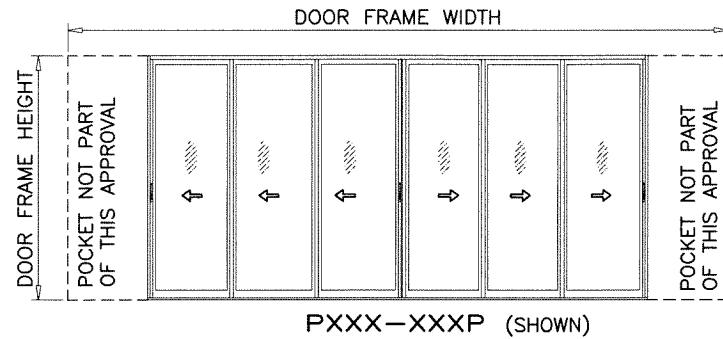
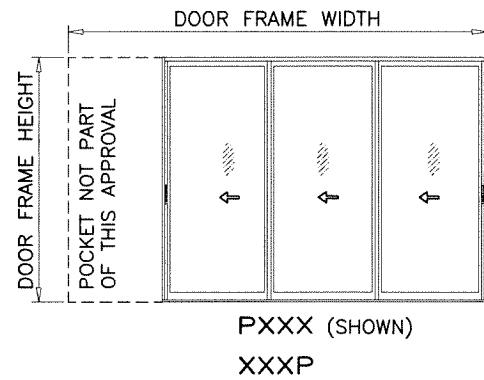
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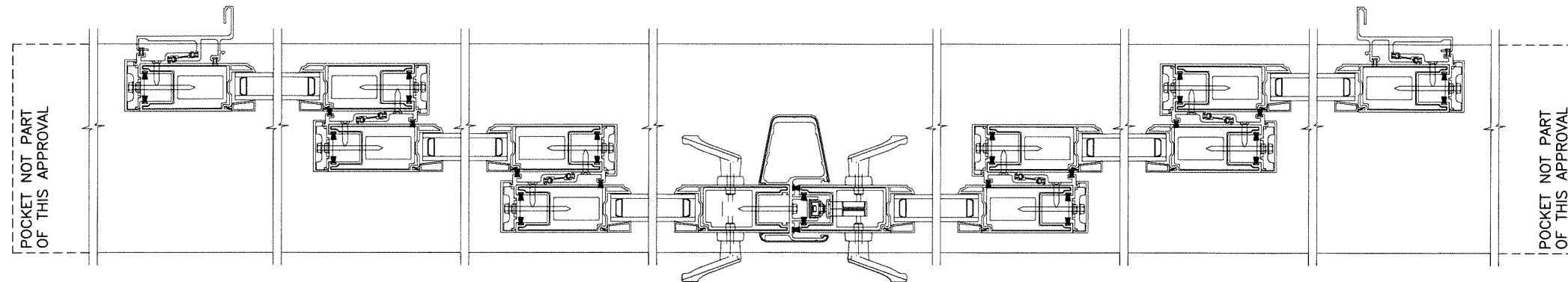
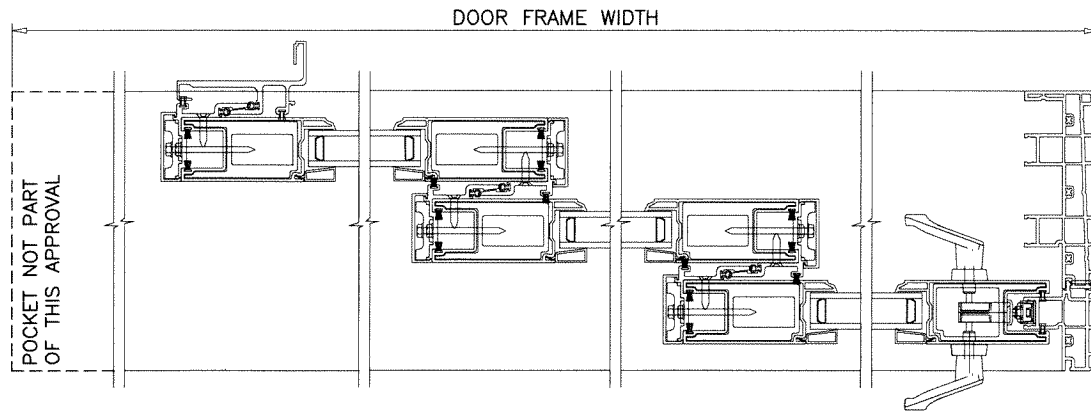
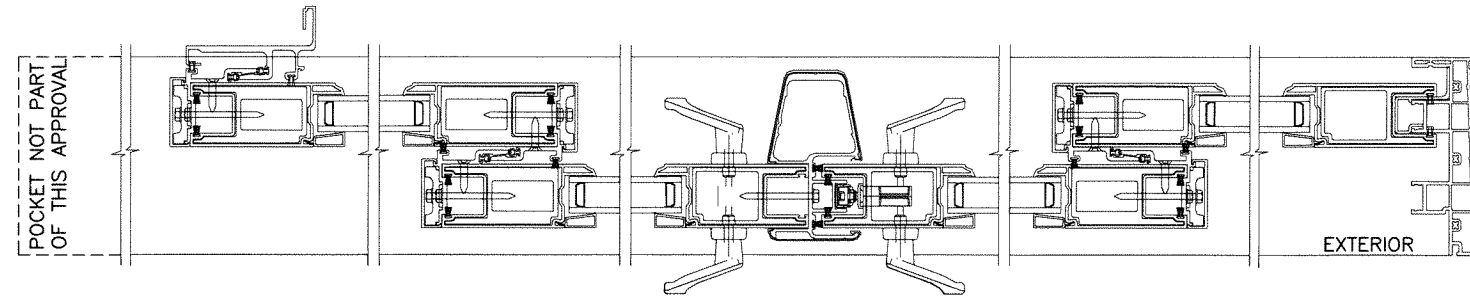
sheet 8 of 18



APPROVED CONFIGURATIONS
POCKETED DOORS
TWO (2) TRACKS



APPROVED CONFIGURATIONS
POCKETED DOORS
THREE (3) TRACKS



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TEL. (305) 264-8100 FAX. (305) 262-6978
COMP - ANL W18-127VINCO

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VINCO, INC.

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MORGANTOWN, PA. 19543

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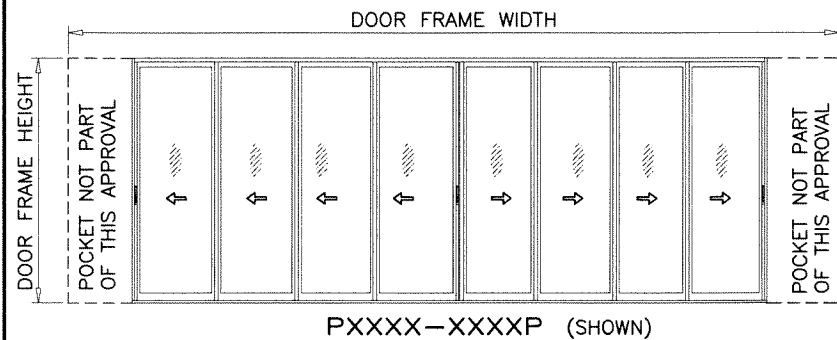
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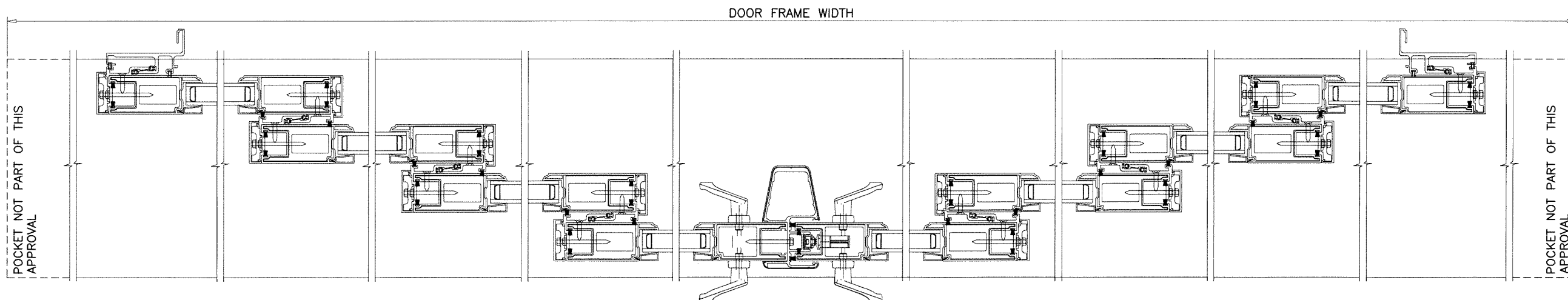
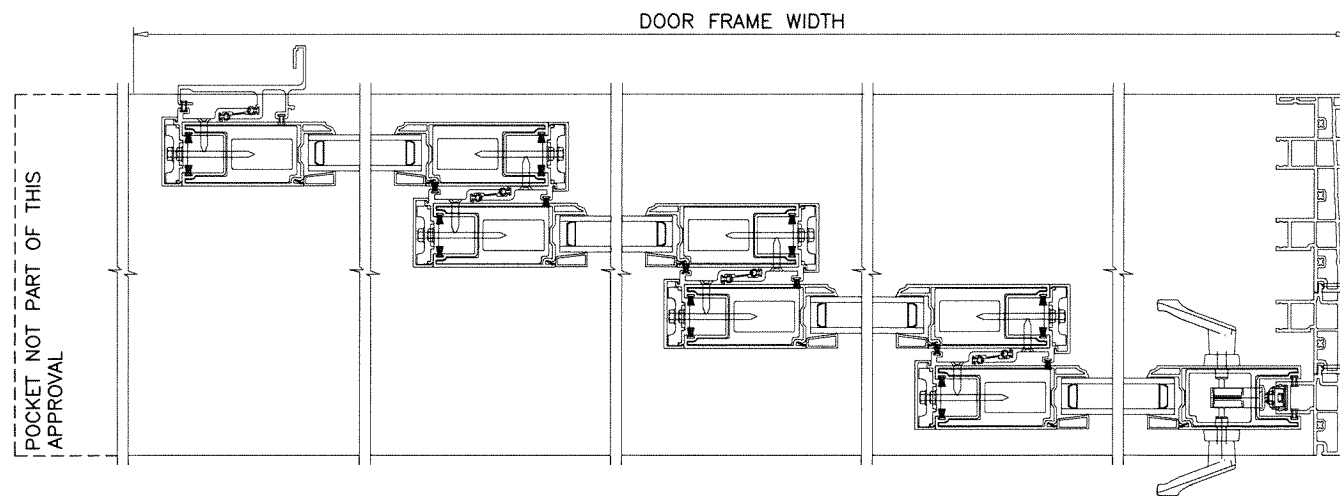
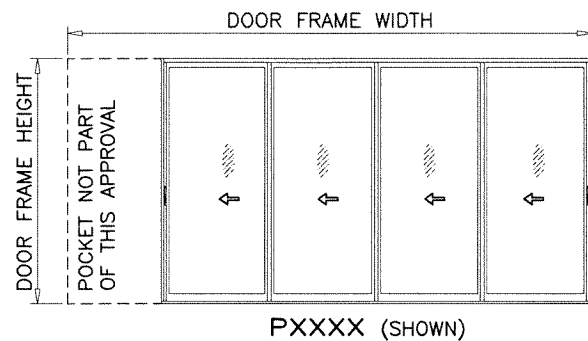
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W18-127

sheet 9 of 18



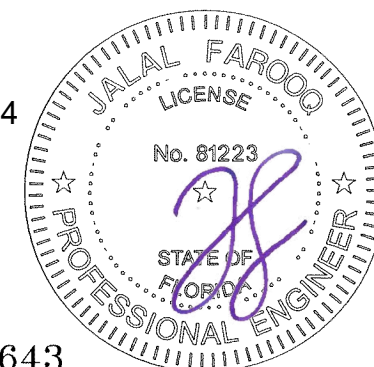
APPROVED CONFIGURATIONS
POCKETED DOORS
FOUR (4) TRACKS



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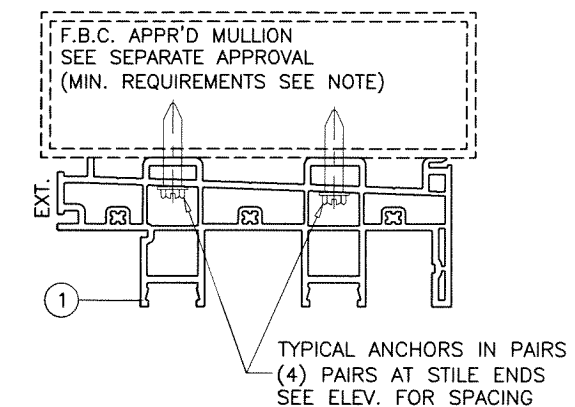
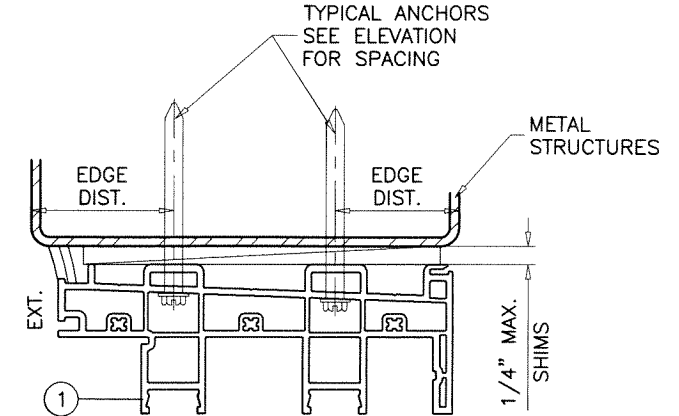
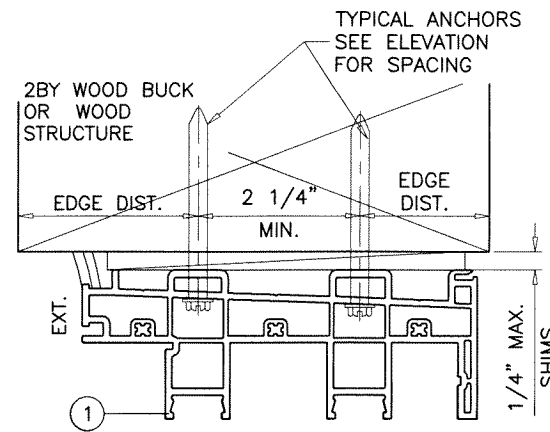
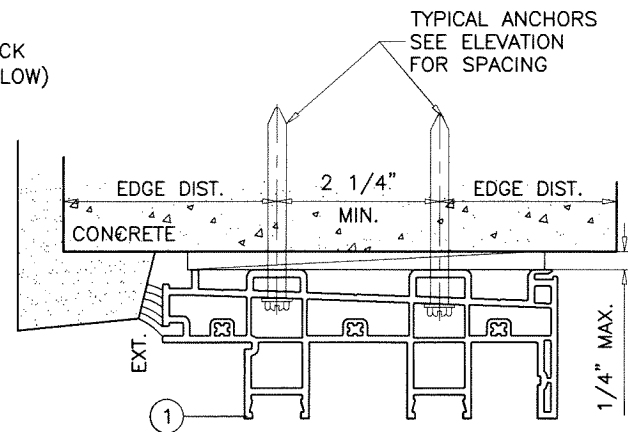
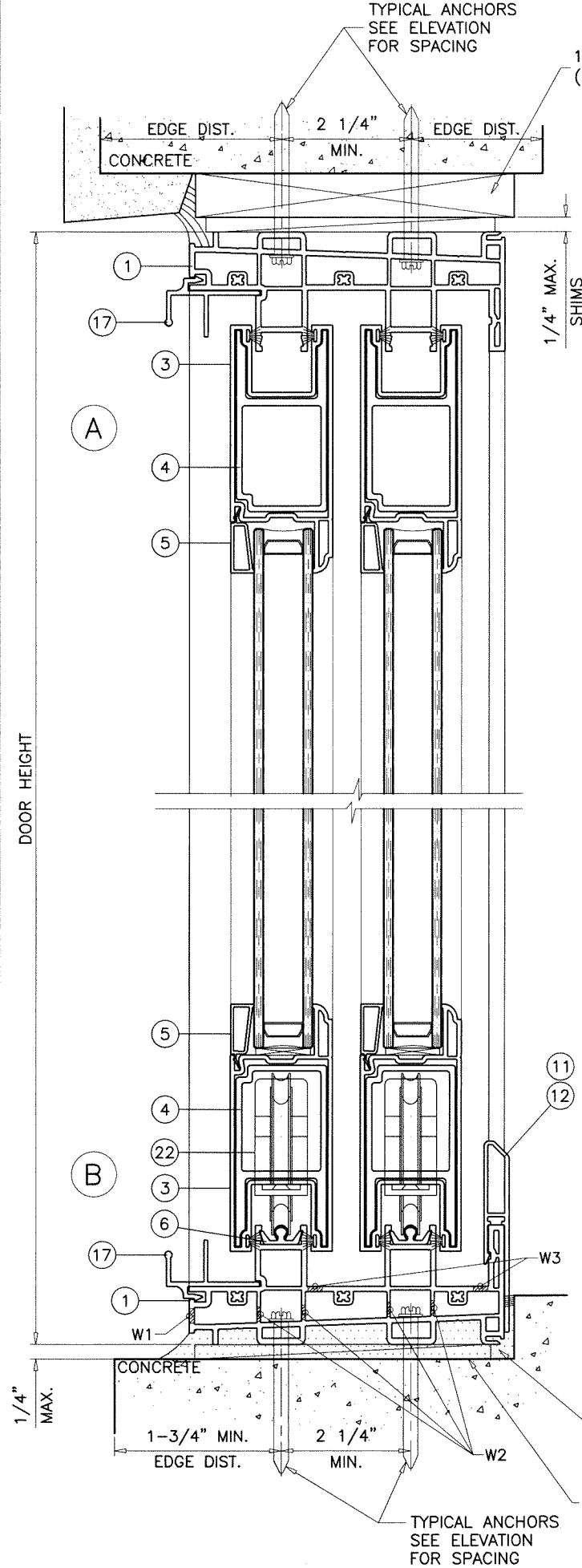
dr. by: MLS

chk. by:

drawing no.

W18-127

sheet 10 of 18



- TYPICAL ANCHORS:** SEE ELEV. FOR SPACING
- TYPE 'A'—** 1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)
 THRU 1BY BUCKS INTO CONCRETE
 1-3/8" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
 DIRECTLY INTO CONCRETE
 1-3/8" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
- TYPE 'A1'—** 1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)
 THRU 1BY BUCKS INTO MASONRY
 1-3/8" MIN. EMBED INTO MASONRY (JAMBS)
 DIRECTLY INTO MASONRY
 1-3/8" MIN. EMBED INTO MASONRY (JAMBS)
- TYPE 'B'—** #12 SMS OR SELF DRILLING SCREWS. (GRADE 2 CRS) (Fu=74 KSI, Fy=57 KSI)
 INTO F.B.C. APPROVED MULLIONS (1/8" THK. MIN.)
 INTO METAL STRUCTURES
 STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.) (HEAD/JAMBS)
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.) (HEAD/JAMBS)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
- TYPE 'C'—** #12 WOOD SCREW
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

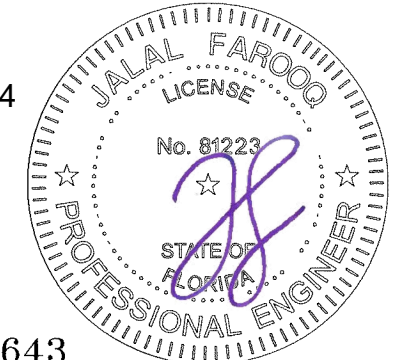
TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 1 3/4" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY VIWINCO MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

2 TRACK FRAMES
 ANCHOR LOCATIONS

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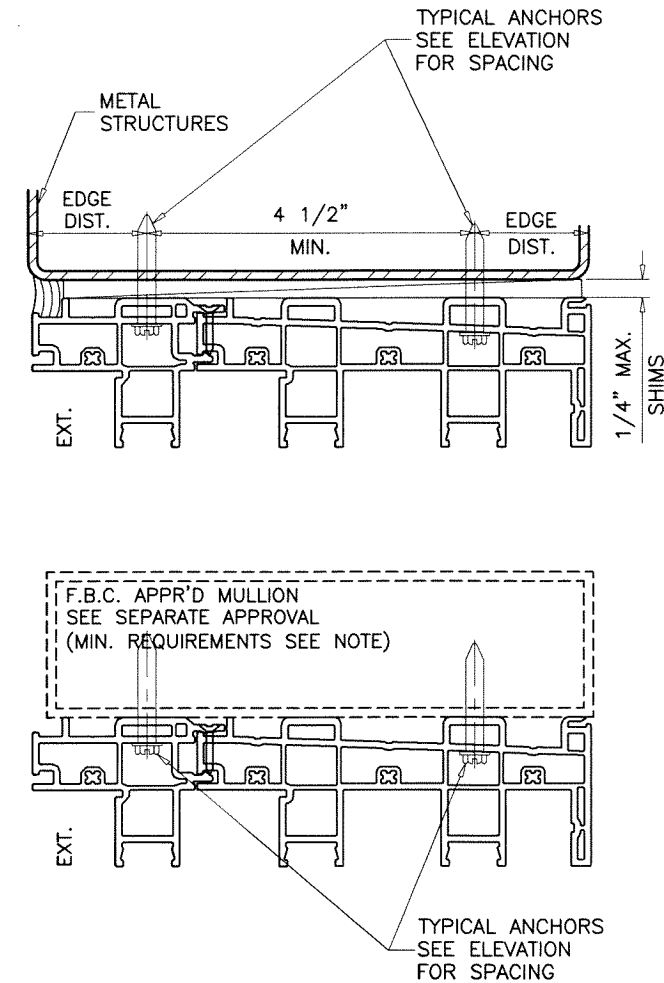
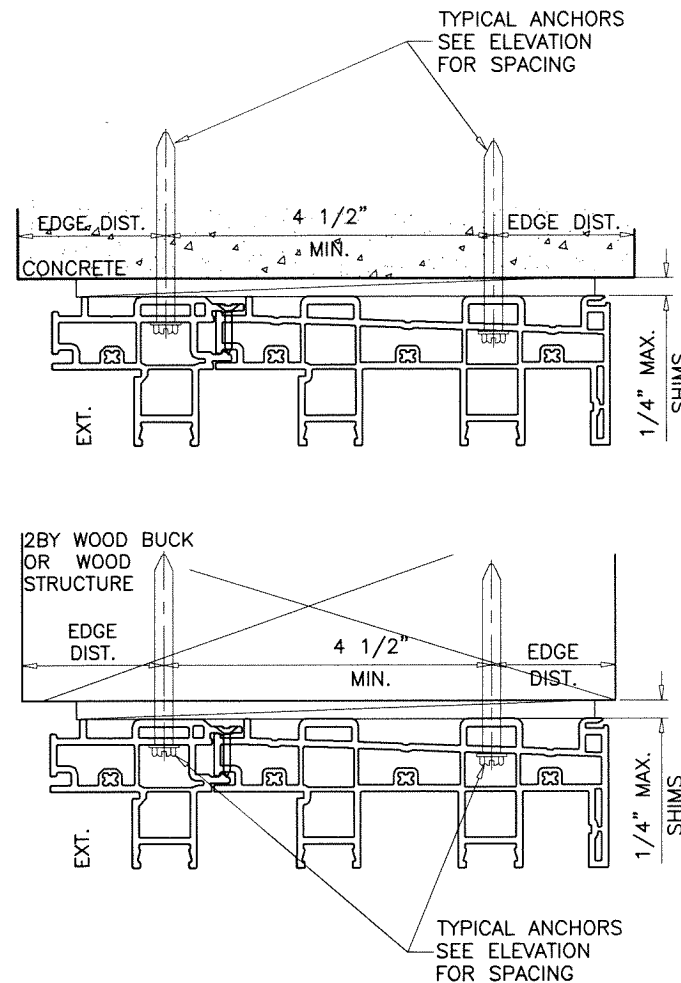
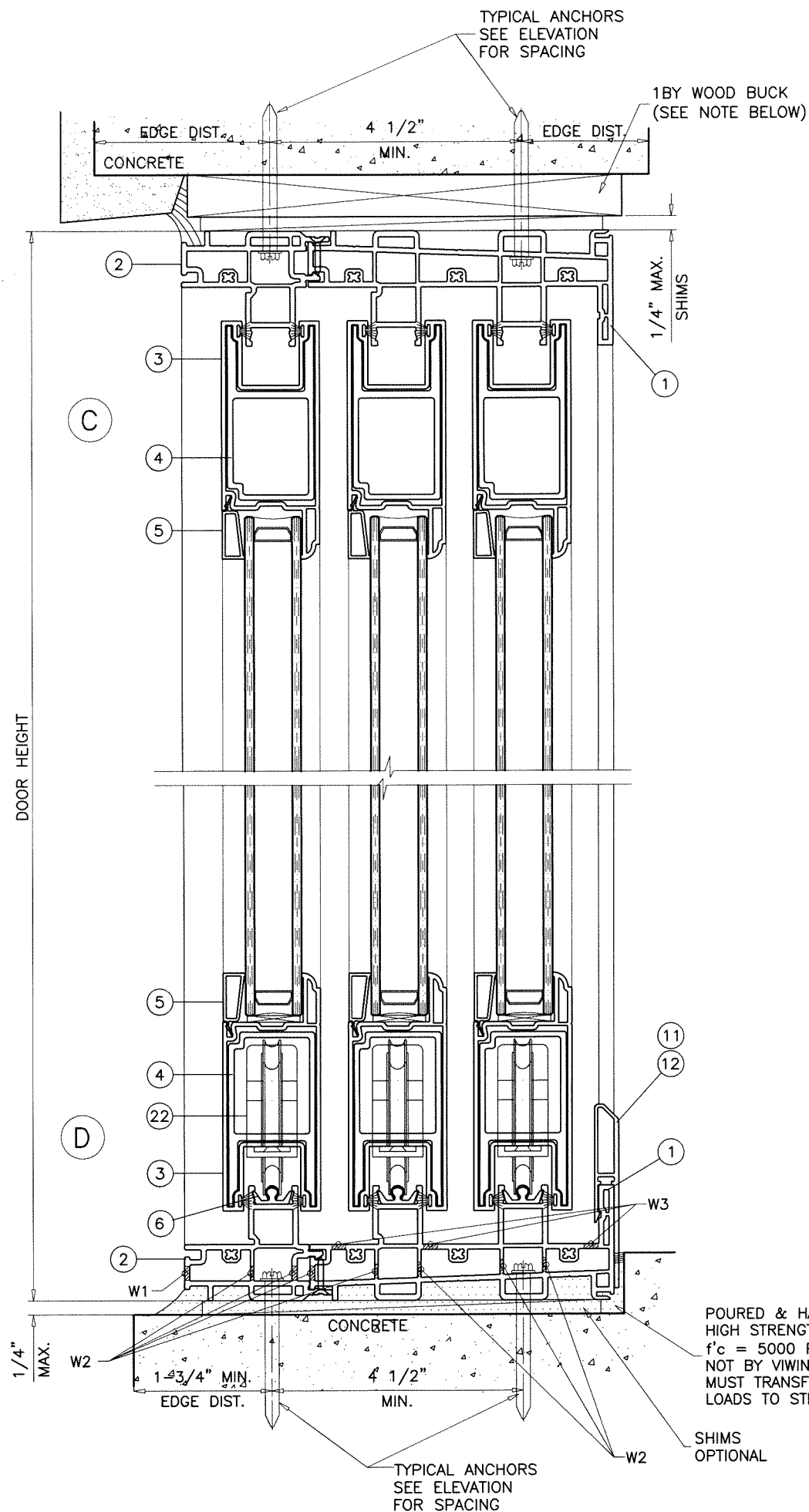


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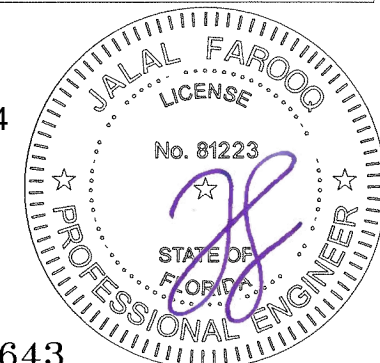
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AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 9360 SUNSET DRIVE, SUITE 220
 MIAMI, FLORIDA 33173 (C.A.N. 3538)
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL W18-127/VINCO

SERIES '650' PVC SLIDING GLASS DOOR (N.I.)
VIWINCO, INC.
 P.O. BOX 499
 MORGANTOWN, PA. 19543
 TEL. (610) 286-8884 FAX. (610) 286-8877

revisions:		no	date	by	description
		A	11.27.20	ML	UPDATED TO 2020 FBC
date:	10-23-13	scale:	3/8" = 1"	dr. by:	MLS
chk. by:		drawing no.	W18-127		
		sheet	11 of 18		



3 TRACK FRAMES ANCHOR LOCATIONS



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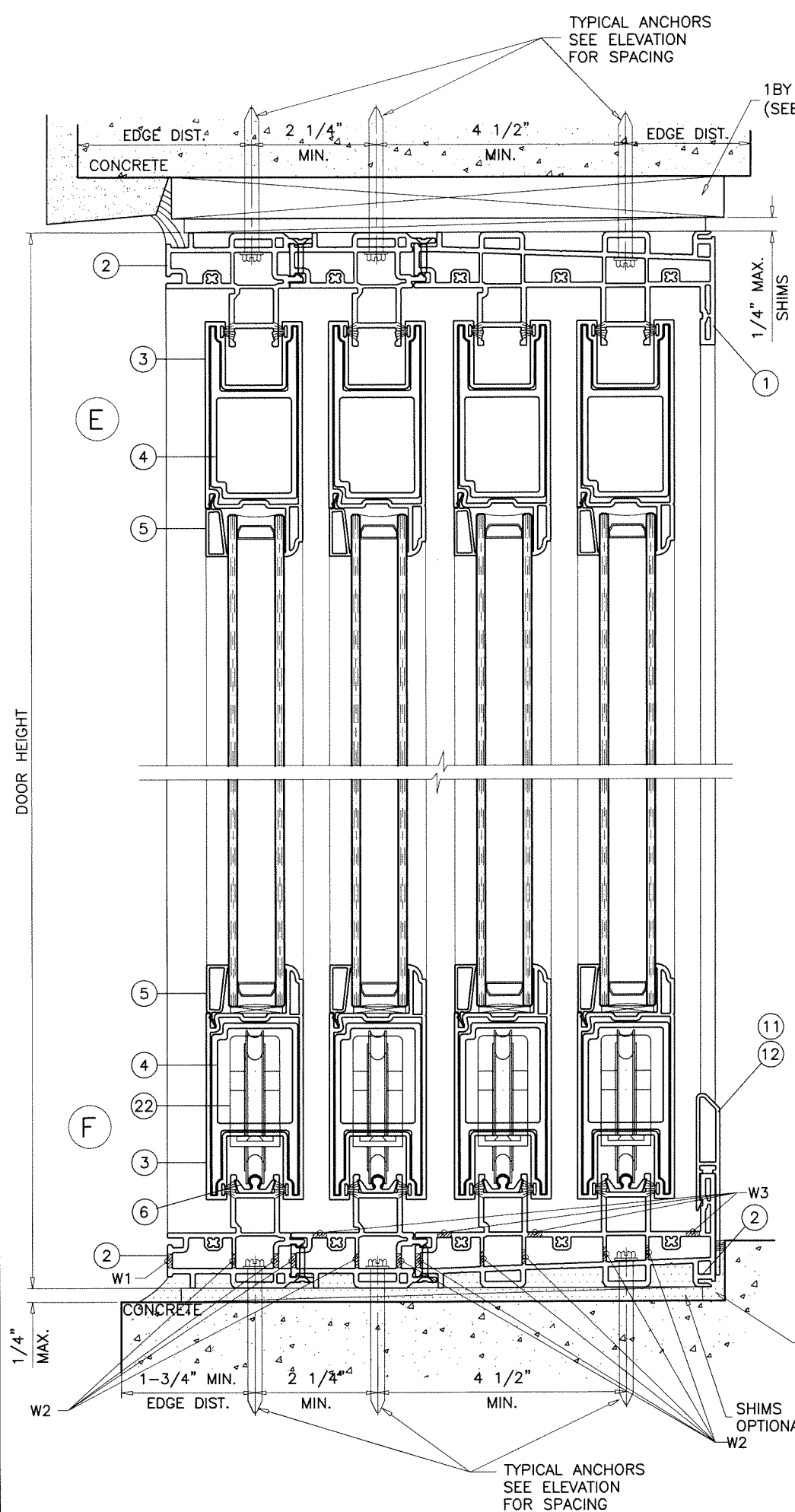
AL-FAROOQ CORPORATION
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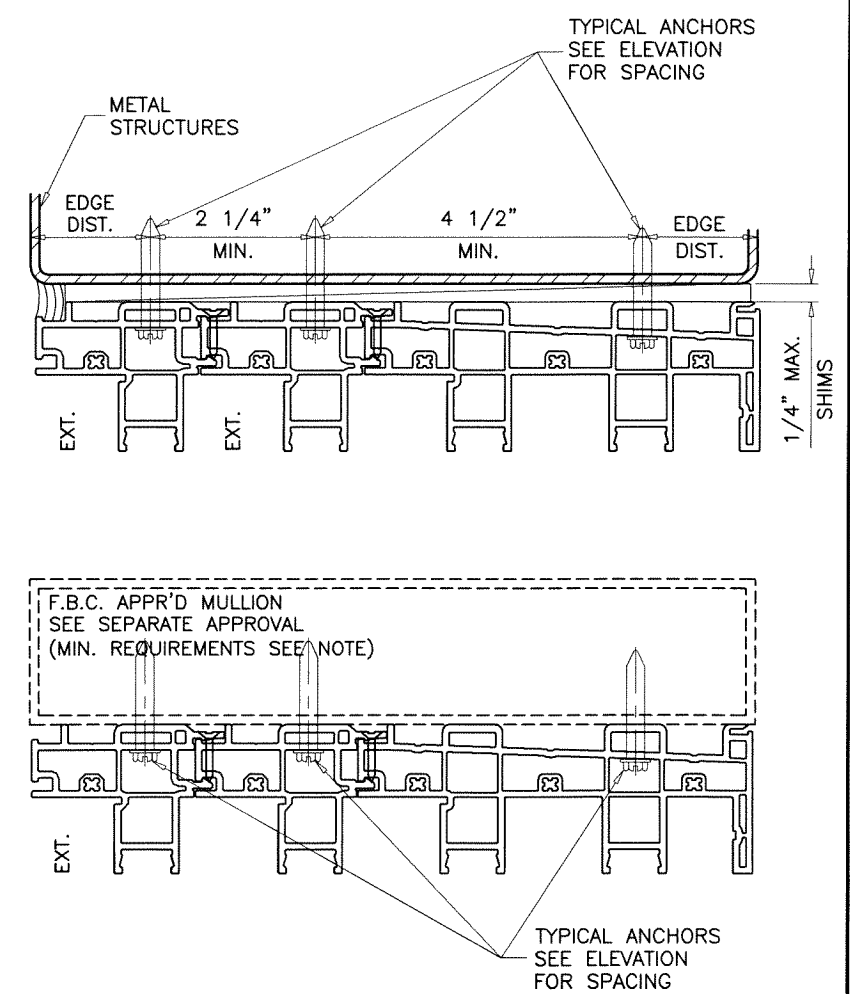
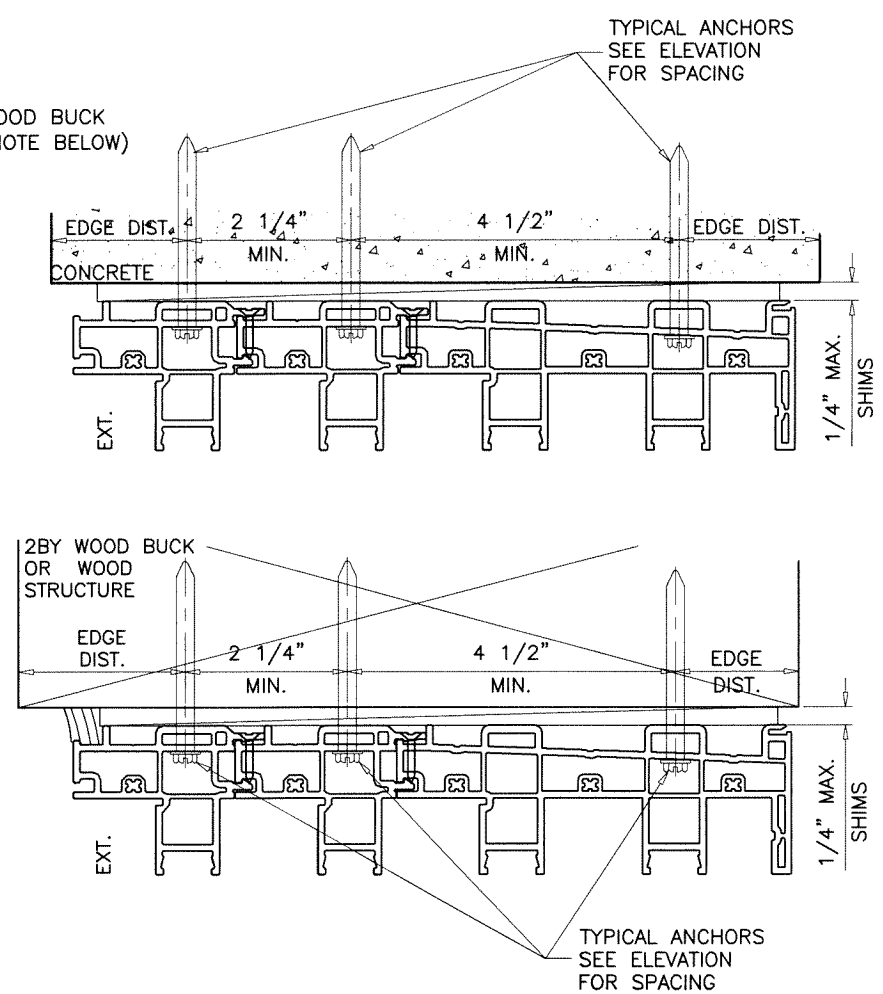
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W18-127
sheet 12 of 18

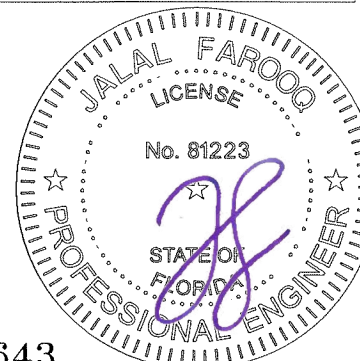


POURED & HARDENED
HIGH STRENGTH GROUT
f'c = 5000 PSI MIN.
NOT BY VIWINCO
MUST TRANSFER SHEAR
LOADS TO STRUCTURE



4 TRACK FRAMES
ANCHOR LOCATIONS

Sealed: 4/4/2024

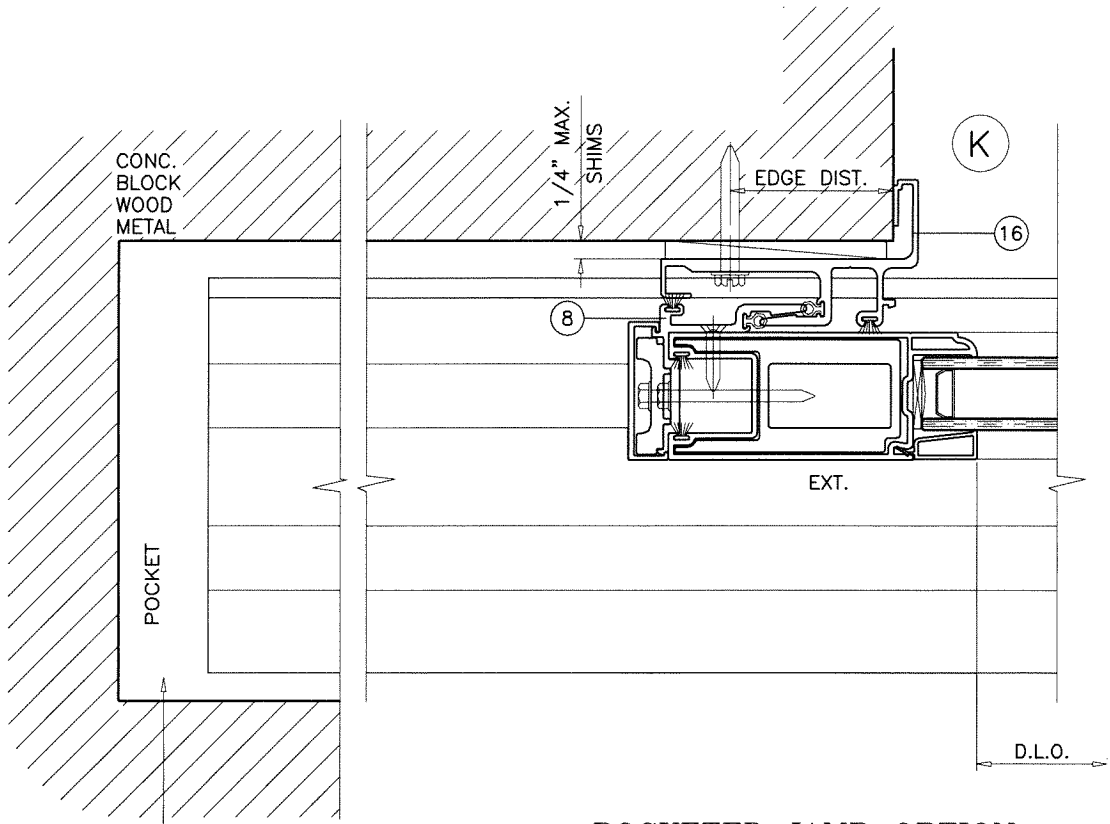
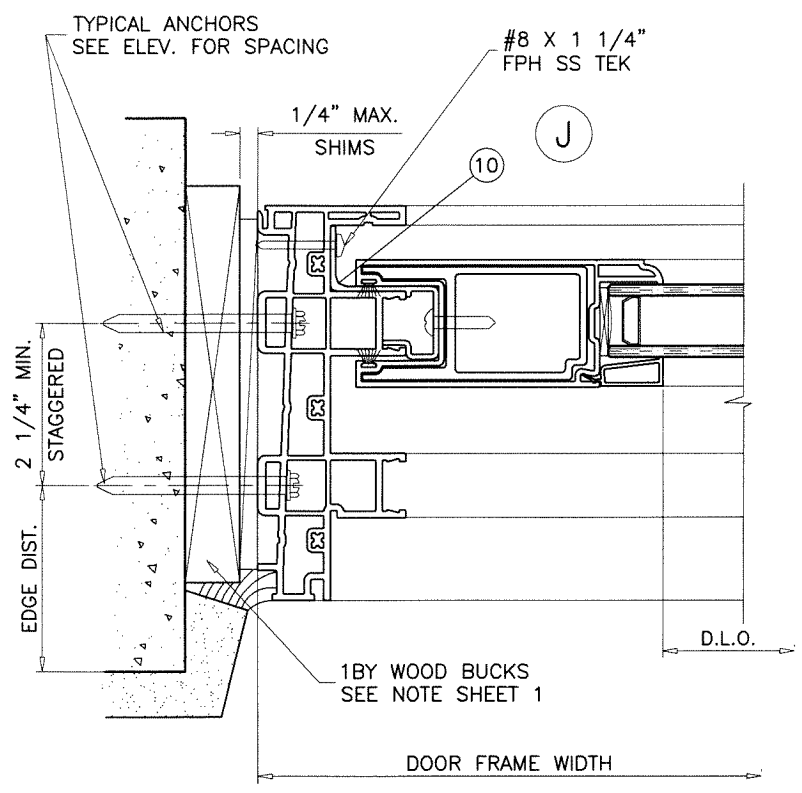
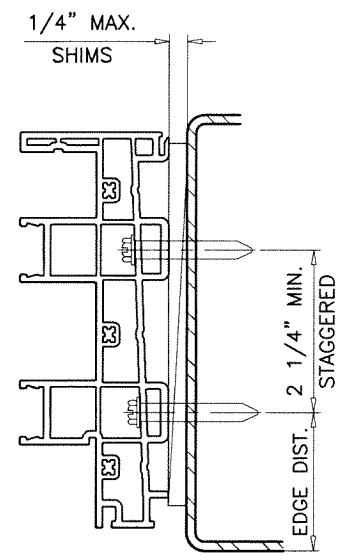
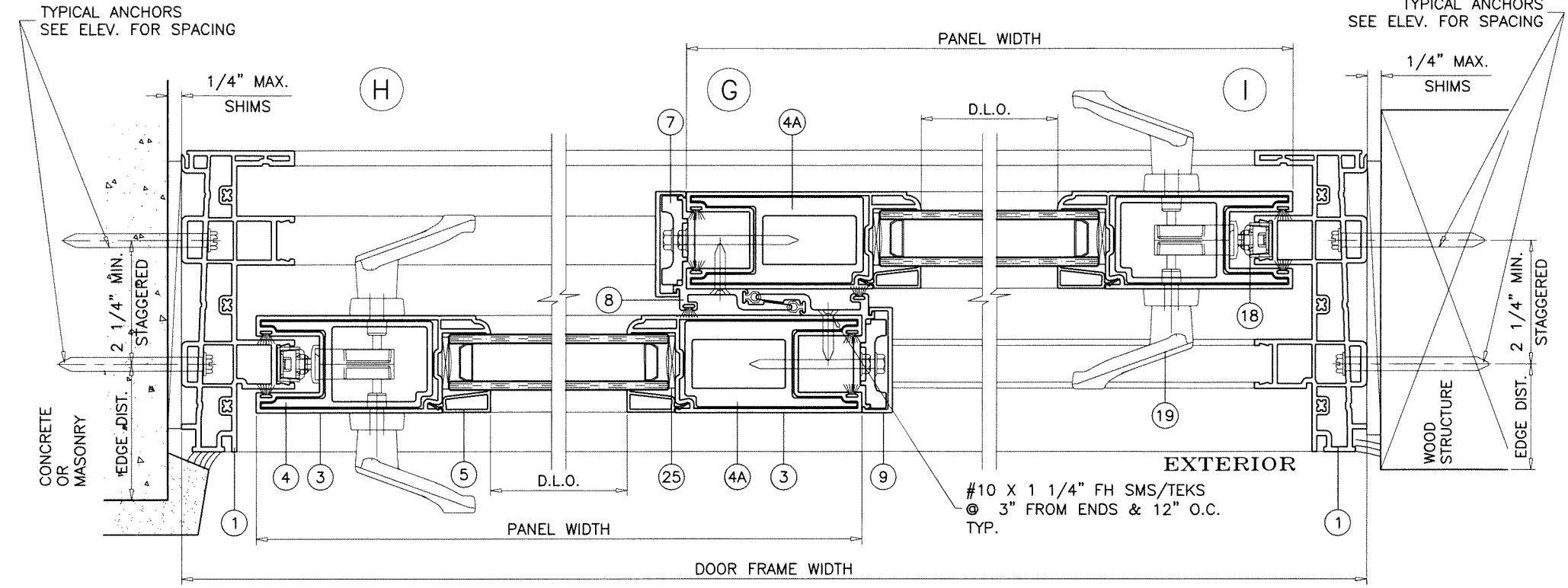


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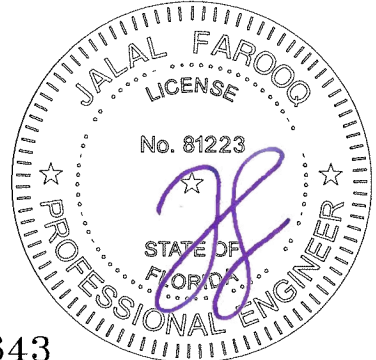
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		chk. by:			
drawing no.		W18-127			
sheet		13 of 18			



POCKET CAVITY NOT BY VIWINCO
NOT PART OF THIS APPROVAL
TO BE REVIEWED BY AHJ

POCKETED JAMB OPTION

Sealed: 4/4/2024

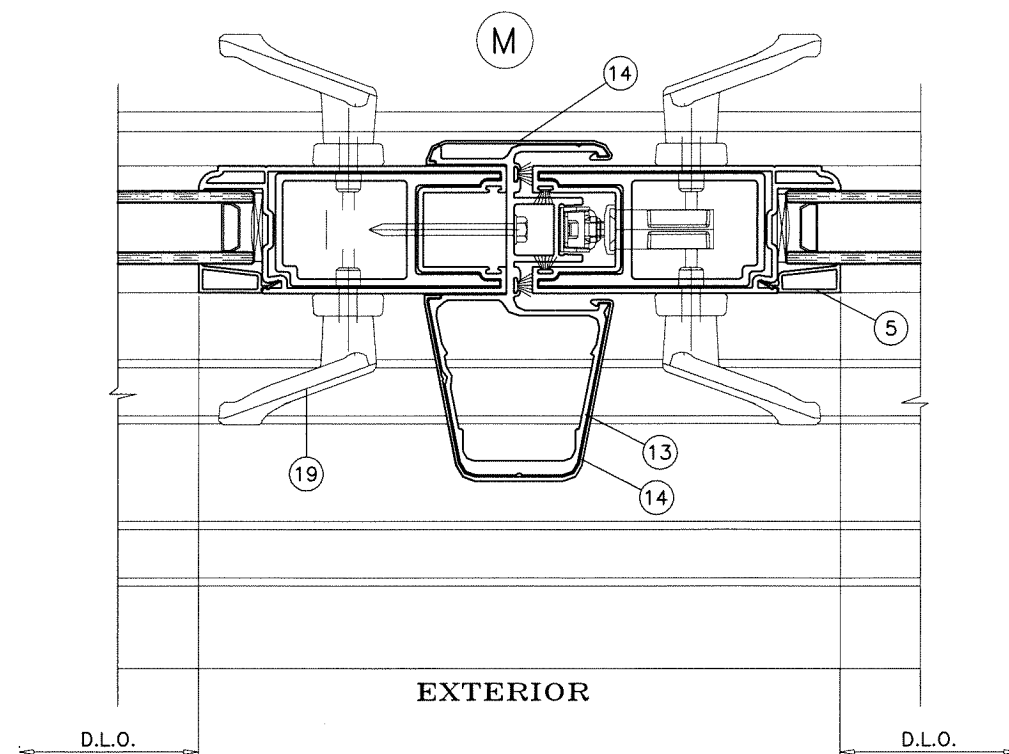
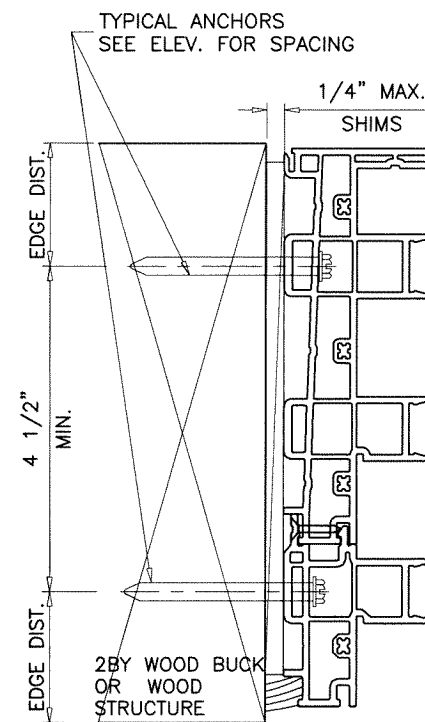
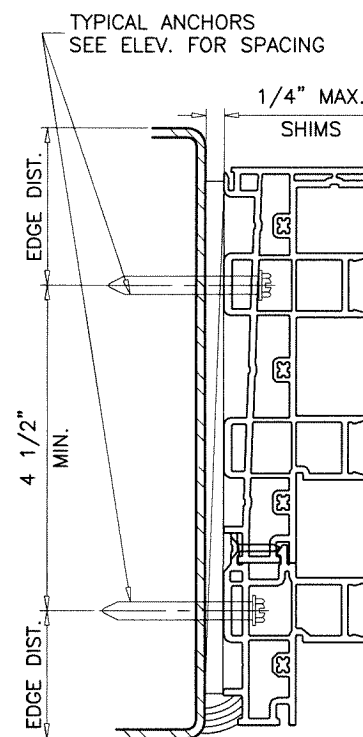
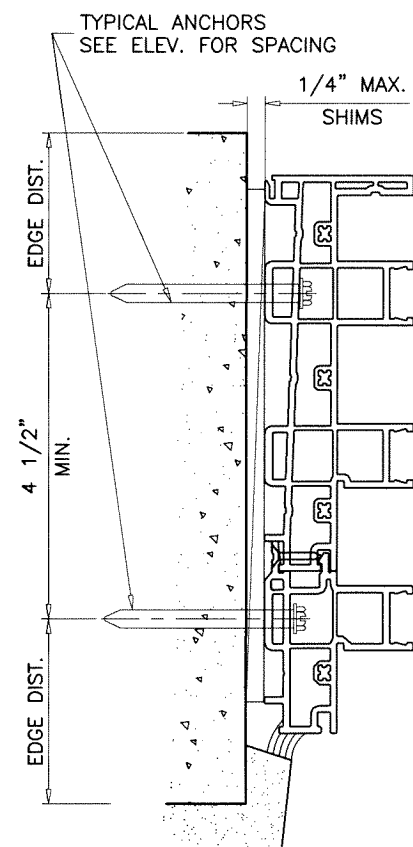
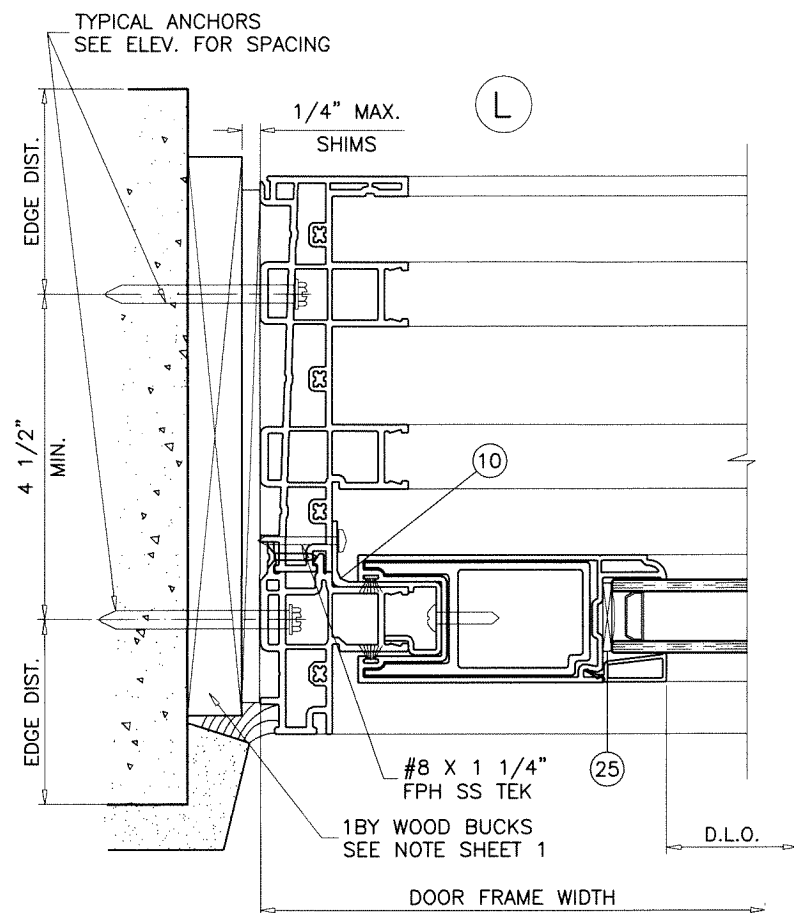


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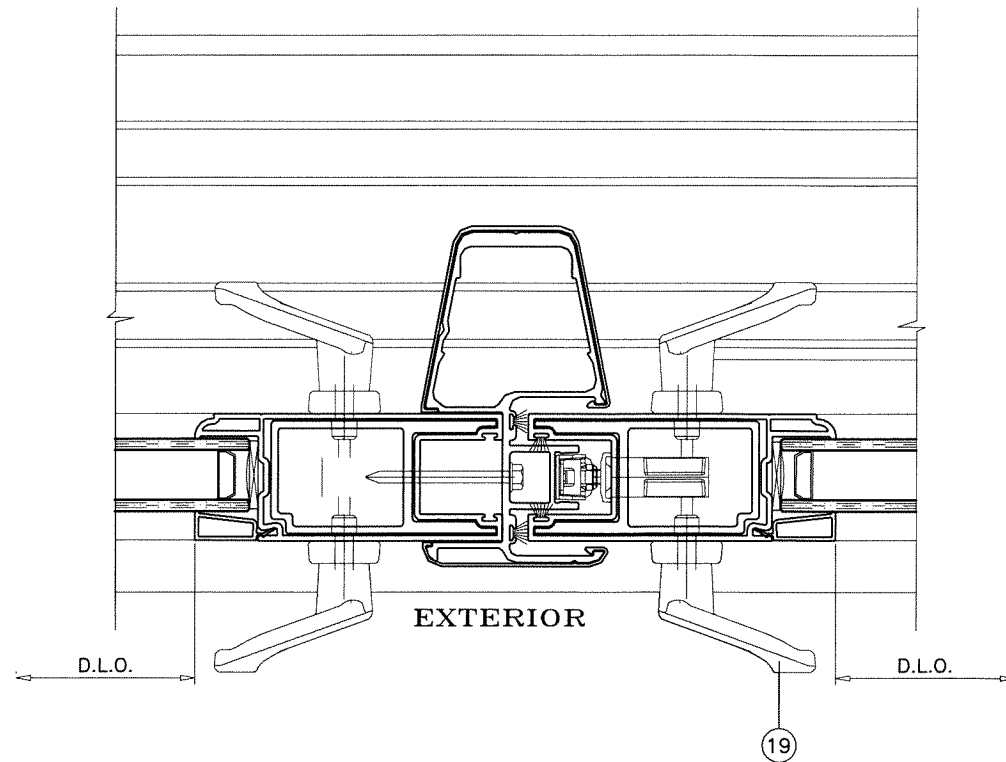
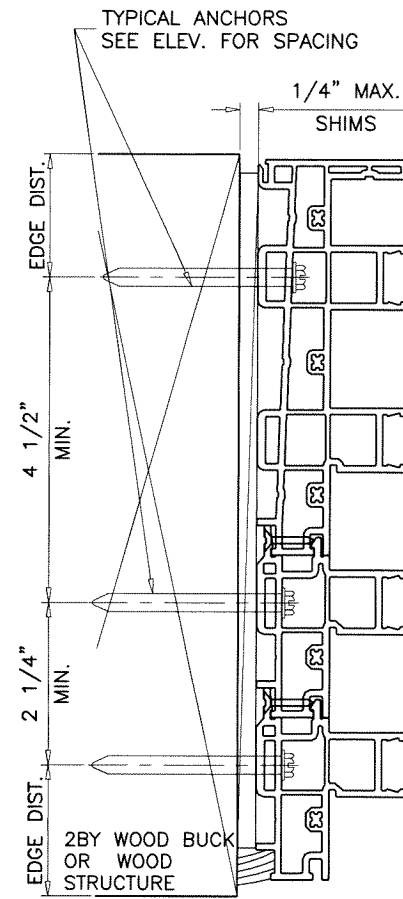
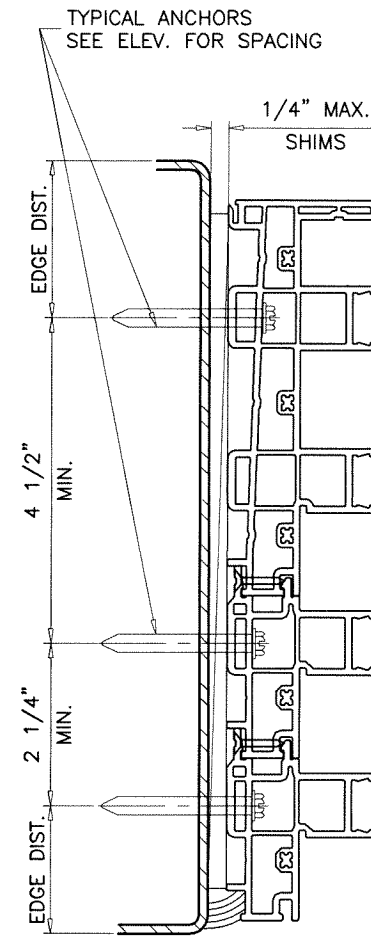
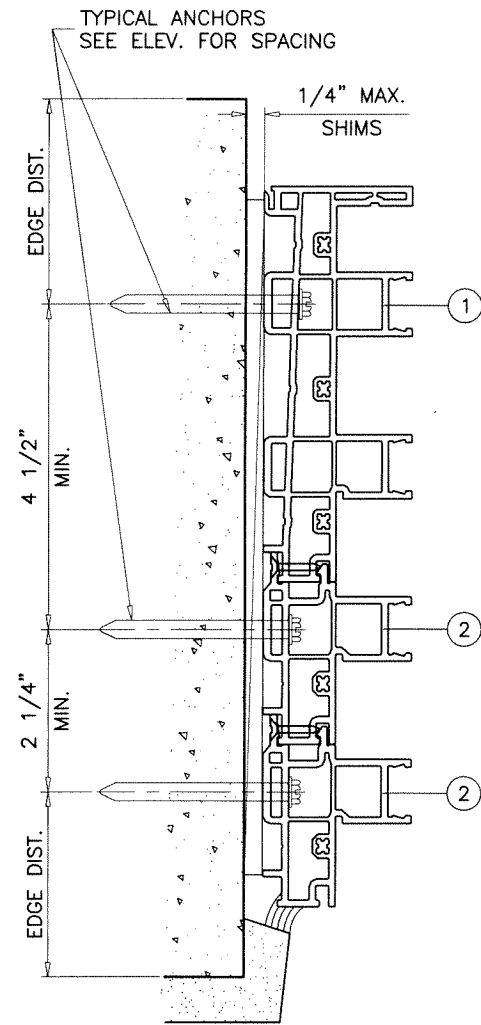
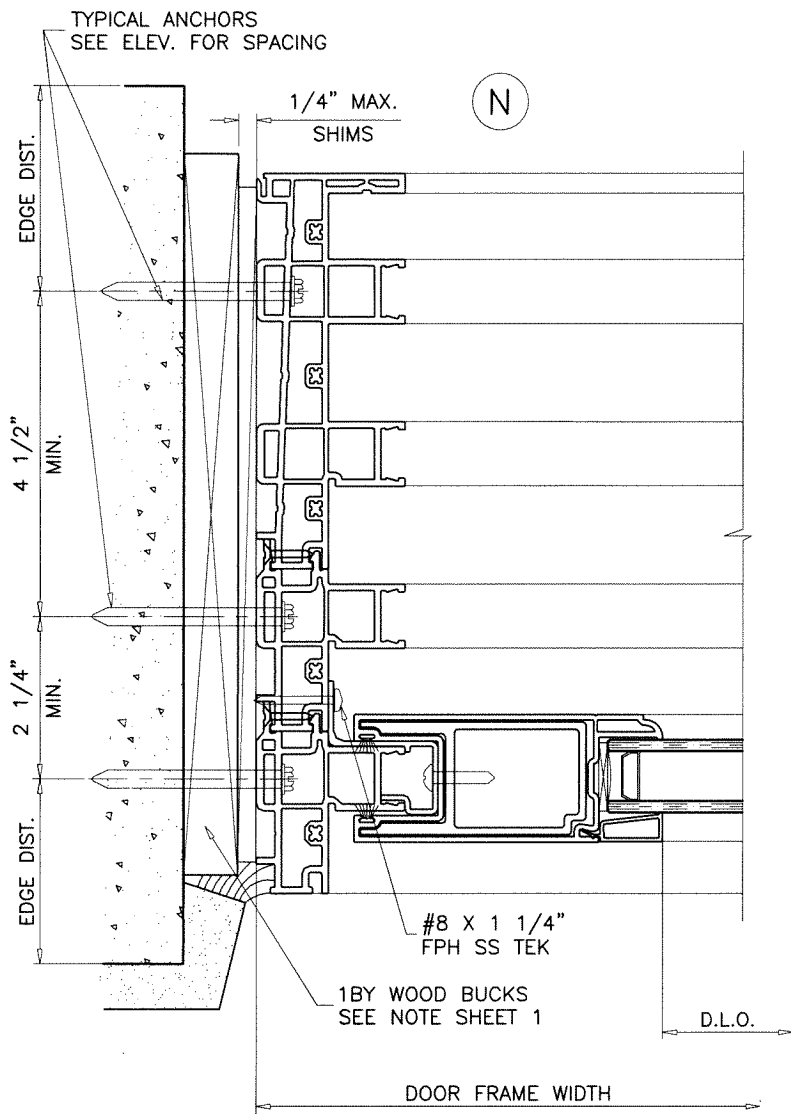
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W18-127

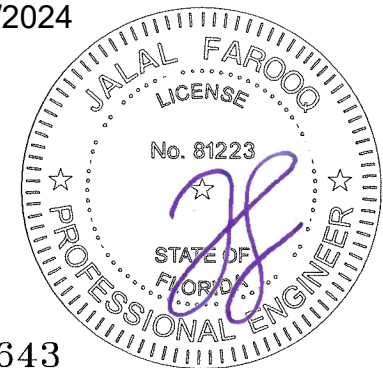
sheet 15 of 18

AL-FAROOQ CORPORATION
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COMP-ANL W18-127VINCO

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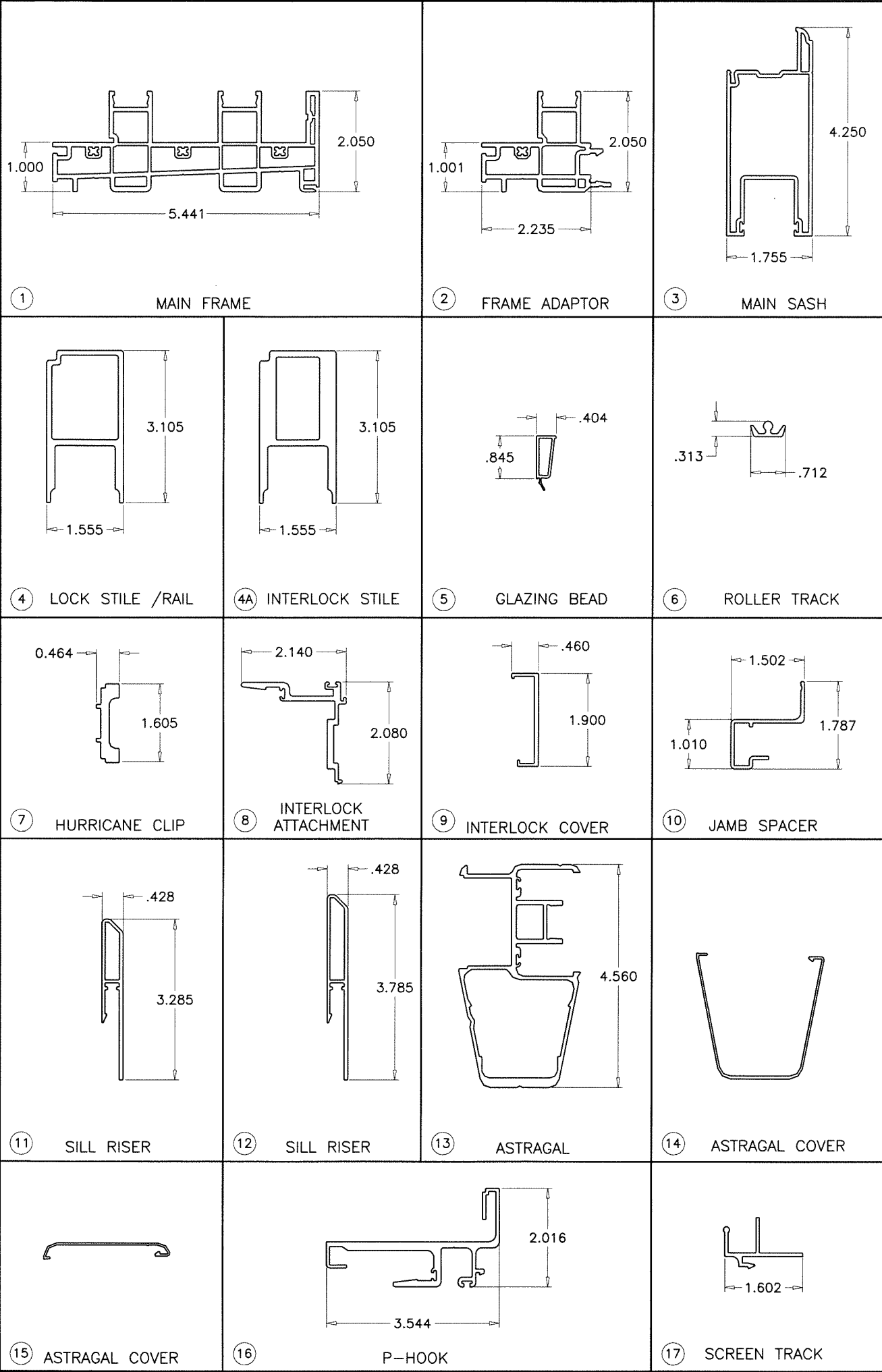
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scale: 3/8" = 1"

dr. by: M.L.S.

chk. by:

drawing no.
W18-127
sheet 16 of 18



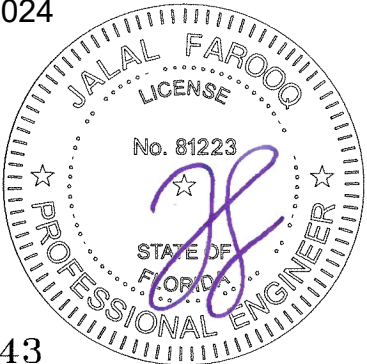
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1	10001160	4	MAIN FRAME	VINYL	-
2	10001165	AS REQD.	FRAME ADAPTOR	VINYL	-
3	10001170	4/ PANEL	MAIN SASH	VINYL	-
4	10300231	AS REQD.	LOCK STILE AND RAIL	6005A-T61	-
4A	10300309	2/ INTERLOCK	INTERLOCK STILE	6005A-T61	-
5	10001173	4/ PANEL	GLAZING BEAD	VINYL	-
6	10300234	1 / TRACK	ROLLER TRACK	6063-T6	-
7	10300264	2/ INTERLOCK	HURRICANE CLIP	6063-T6	-
8	10300237	2/ INTERLOCK	INTERLOCK ATTACHMENT	6063-T6	-
9	10001182	2/ INTERLOCK	INTERLOCK COVER	VINYL	-
10	10300300	AS REQD.	PANEL JAMB SPACER	6063-T6	-
11	10300240	AS REQD.	SILL RISER	6063-T6	-
12	10300241	AS REQD.	SILL RISER	6063-T6	-
13	10300233	AS REQD.	ASTRAGAL	6063-T6	-
14	10001181	1/ ASTRAGAL	ASTRAGAL COVER	VINYL	-
15	10001180	1/ ASTRAGAL	FEMALE ASTRAGAL STILE	VINYL	-
16	10300236	AS REQD.	POCKET HOOK	6063-T6	-
17	-	AS REQD.	SCREEN TRACK	-	-
18	HD-205	AS REQD.	KEEPER	-	INTERLOCK
19	-	AS REQD.	2P SINGLE HANDLE MORTISE LOCKS	-	INTERLOCK
20	-	AS REQD.	WEATHER-STRIPPING PAD	-	ULTRAFAB INC.
21	AP525	AS REQD.	BULB SEAL	-	AMESBURY
22	1981	2 / PANEL	TANDEM ROLLER	-	AMESBURY
23	-	8 / PANEL	L BRACKETS	STEEL	2" X 2" X 5/8"
24	-	3 PER GL	SETTING BLOCKS (1/8" X 1-1/16" X 3" LG.) AT 6" FROM ENDS & 1 AT CENTER.	VINYL	ZIALOC, DUROMETER 80±5 SHORE A
25	-	8 PER GL	SPACER (1/8" X 1-1/16" X 3" LG.) AT 6" FROM ENDS & 2 ADD. EQUALLY SPACED	VINYL	ZIALOC, DUROMETER 80±5 SHORE A

WHITE PVC EXTRUSIONS TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY, STATE AND 'MDCA'.

WEEPHOLES:

W1 = 0.25" X 1.375" WEEP SLOT AT 3" FROM EACH END
(1 ADDITIONAL AT CENTER FOR 3 & 4 TRACKS)
W2 = 0.25" X 1.250" WEEP SLOT AT EACH END
W3 = 0.25" X 1.125" WEEP SLOT AT 3" FROM EACH END
(1 ADDITIONAL AT CENTER FOR 3 & 4 TRACKS)

Sealed: 4/4/2024



afcc

AL-FAROOQ CORPORATION

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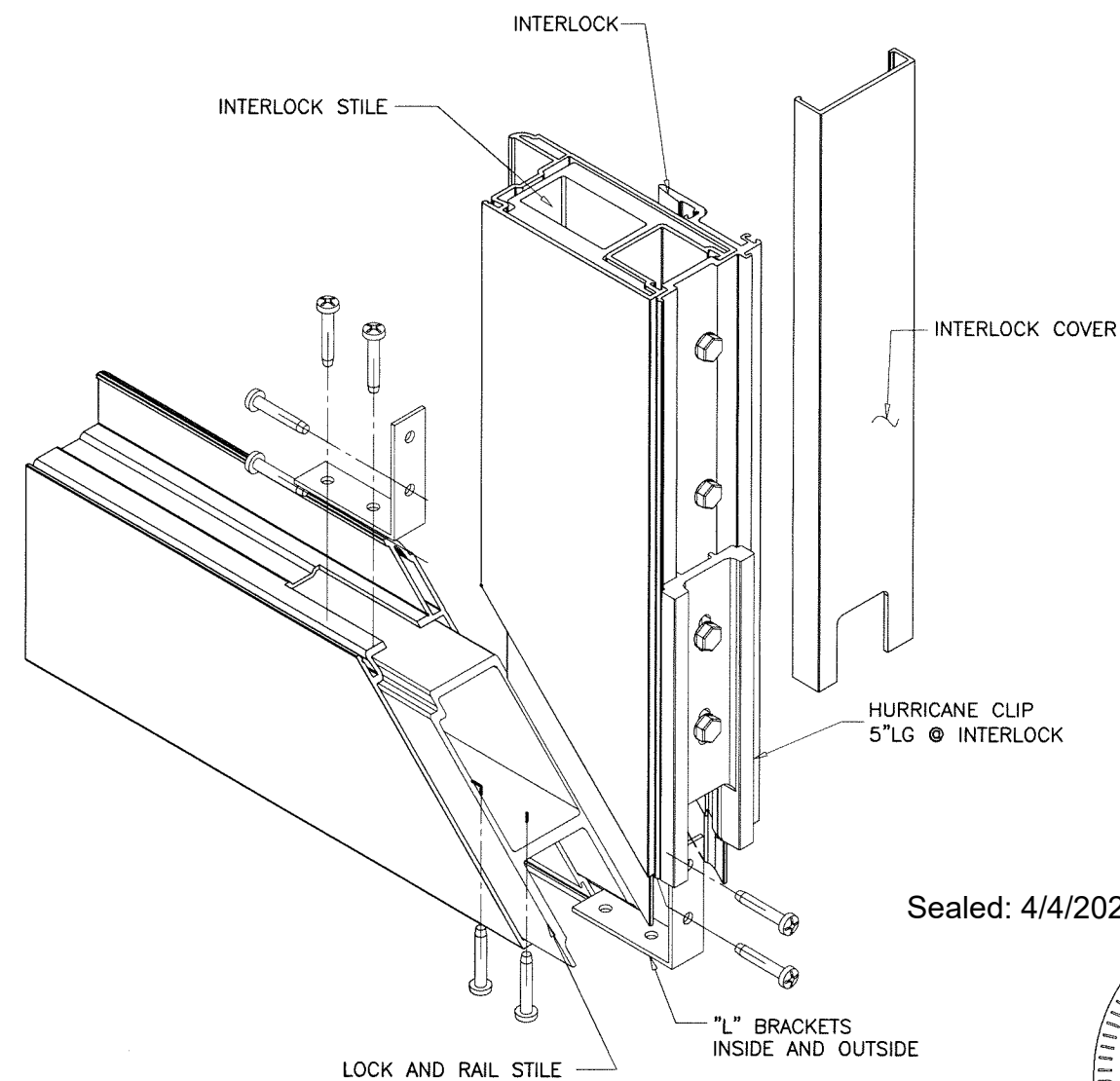
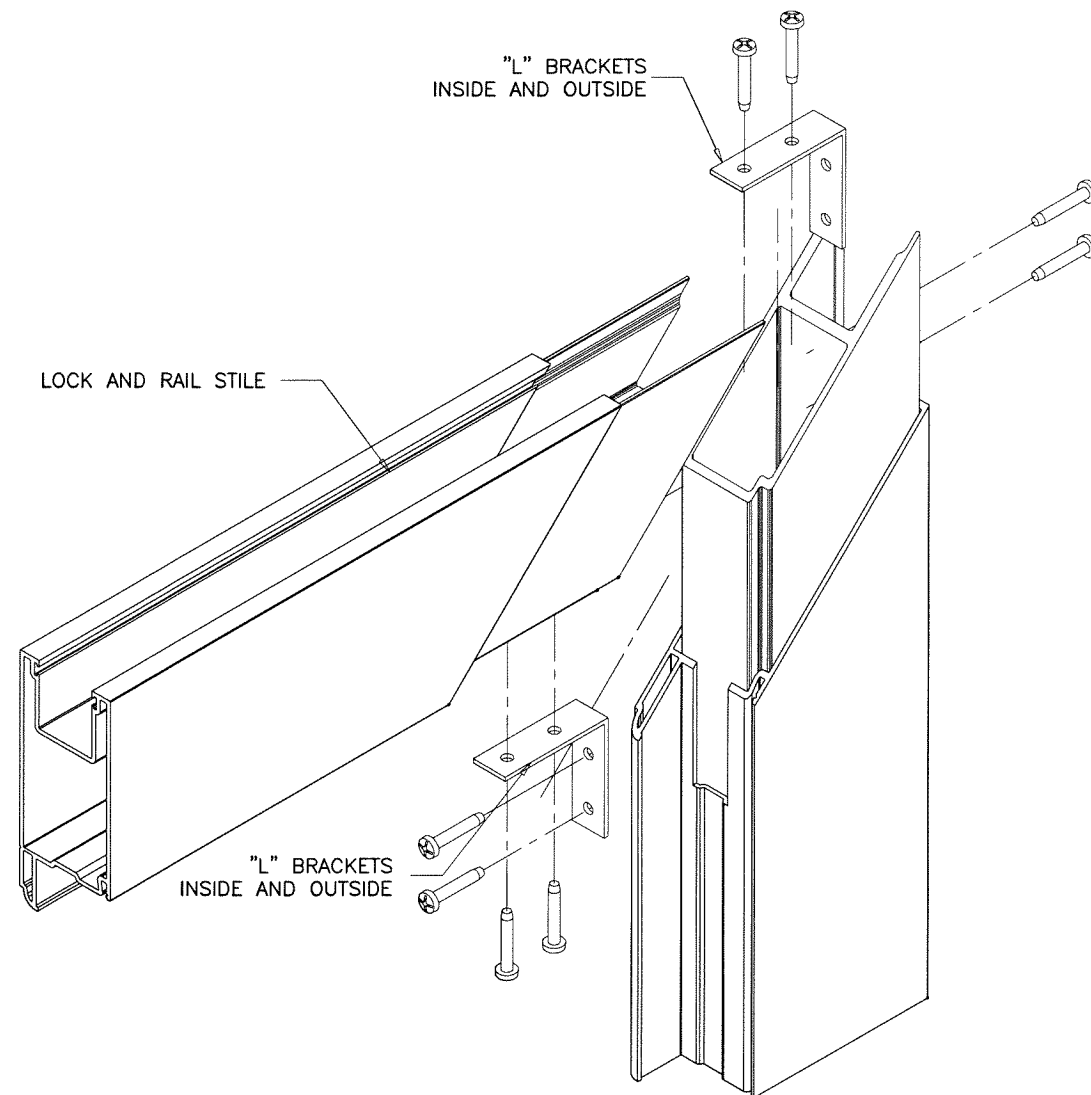
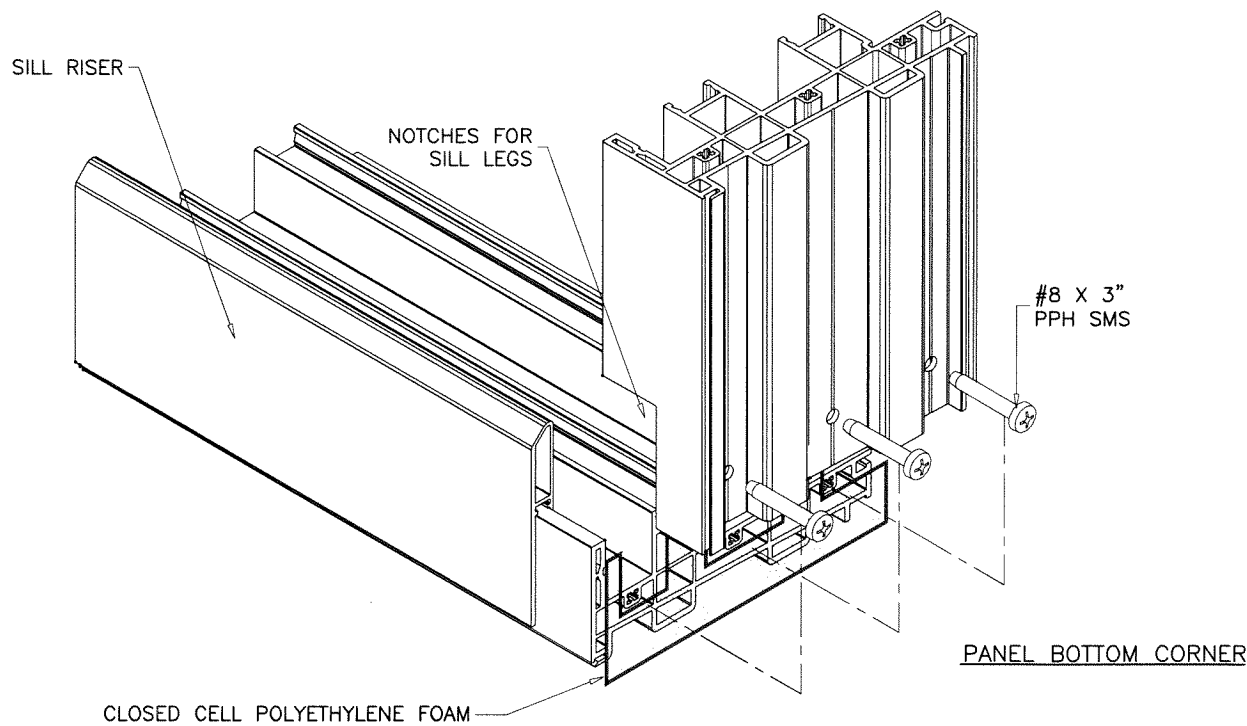
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chk. by:	



SEALANT:

FRAME: BUTT JOINTED AND CLOSED CELL POLYETHYLENE FOAM AT EACH JOINT.

Sealed: 4/4/2024



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