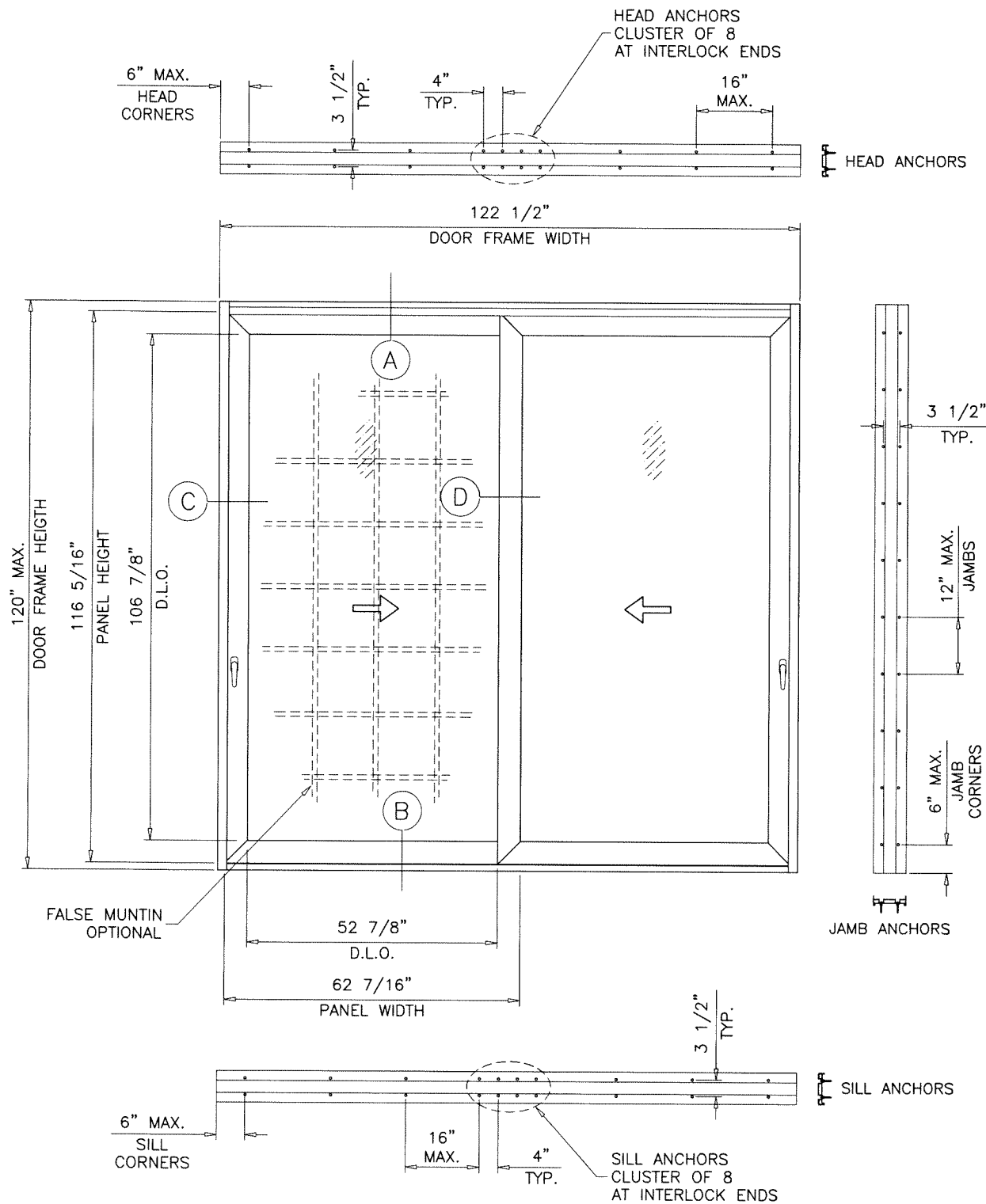




TYPICAL ELEVATION
(2 TRACK)

DAYLITE OPENINGS WIDTHS:
PANEL WIDTH - 9.563"

DAYLITE OPENING HEIGHT:
PANEL HEIGHT - 9.438"

PANEL HEIGHT = DOOR FRAME HEIGHT - 3.688"

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

**SERIES 180 (L.M.I.)
ALUMINUM SLIDING GLASS DOOR**

DESIGN LOAD RATING FOR DOORS TO BE AS PER CHARTS SHOWN
ON SHEET 3, AND APPROVED CONFIGURATIONS ON SHEETS 4 & 5.

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

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.

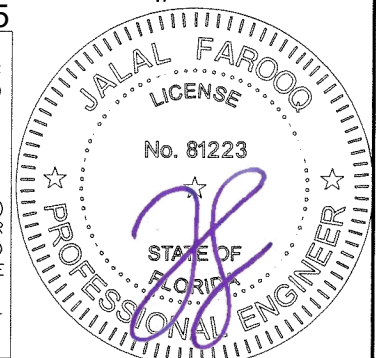
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

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

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.

Sealed: 10/22/2025

FL #27516



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.

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
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COMP - ANL \ 18-53F - ALU

SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

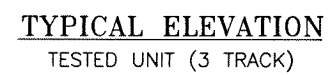
Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

revisions:	no	date	by	description
	A	08.28.20		UPDATED TO 2020 FBC
	B	01.26.22		2 TRACK OPTION ADDED
	C	06.14.23		INSUL. GLASS ADDED
	D	10.02.25		RISEr OPTIONS ADDED

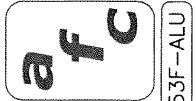
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chk. by:

drawing no.
18-53F

sheet 1 of 13



FL #27516



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9360 SUNSET DRIVE, SUITE 220
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COMP—ANL \ 18—

SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

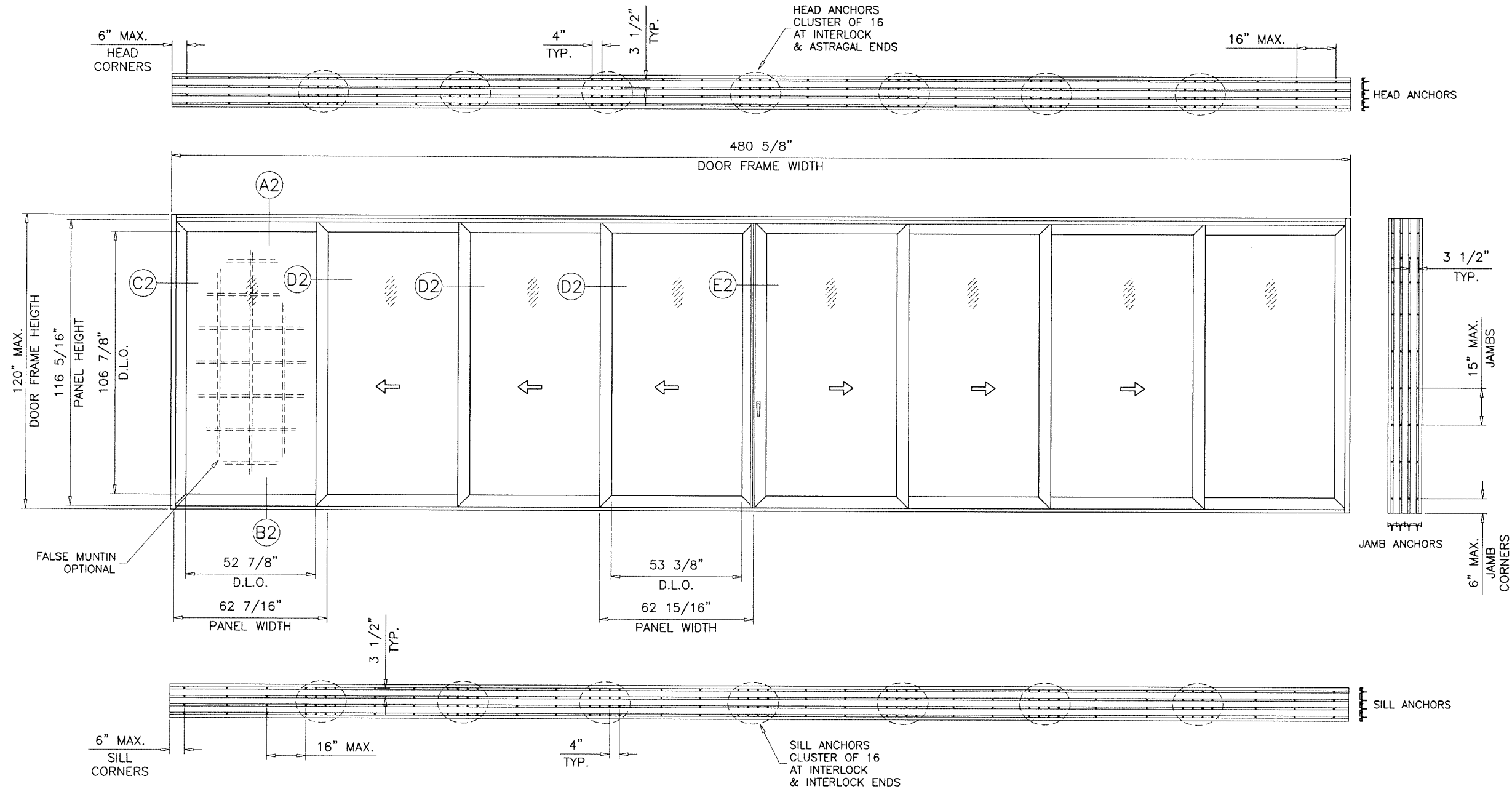
Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

Fax. (-)

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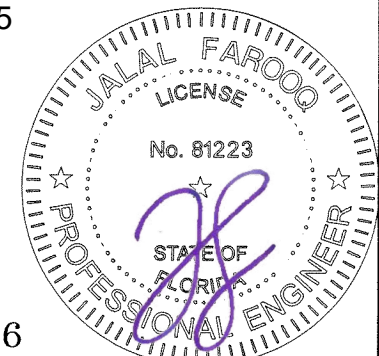
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18-53F

sheet 2 of 13



TYPICAL ELEVATION
(4 TRACK)

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afc

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(C.A.N. 3538)

SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

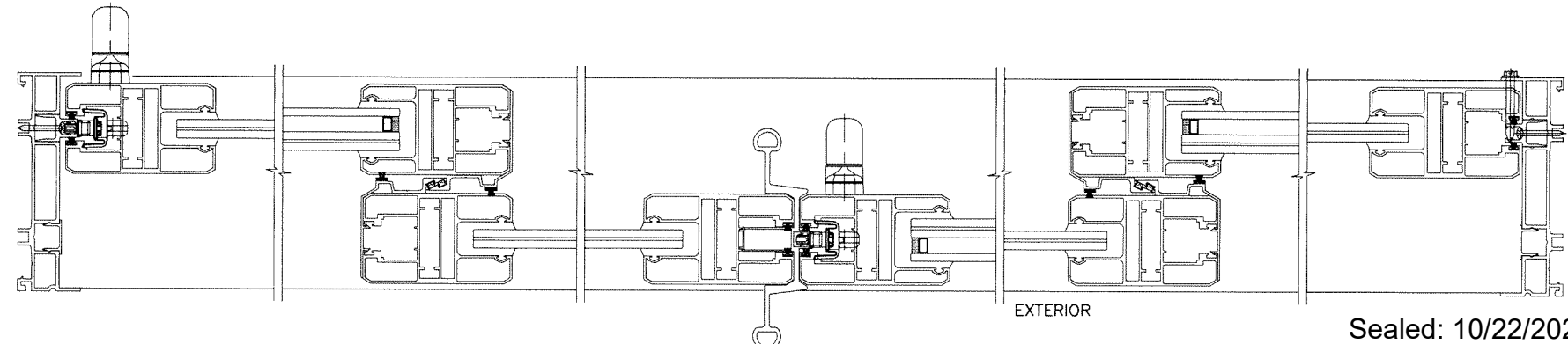
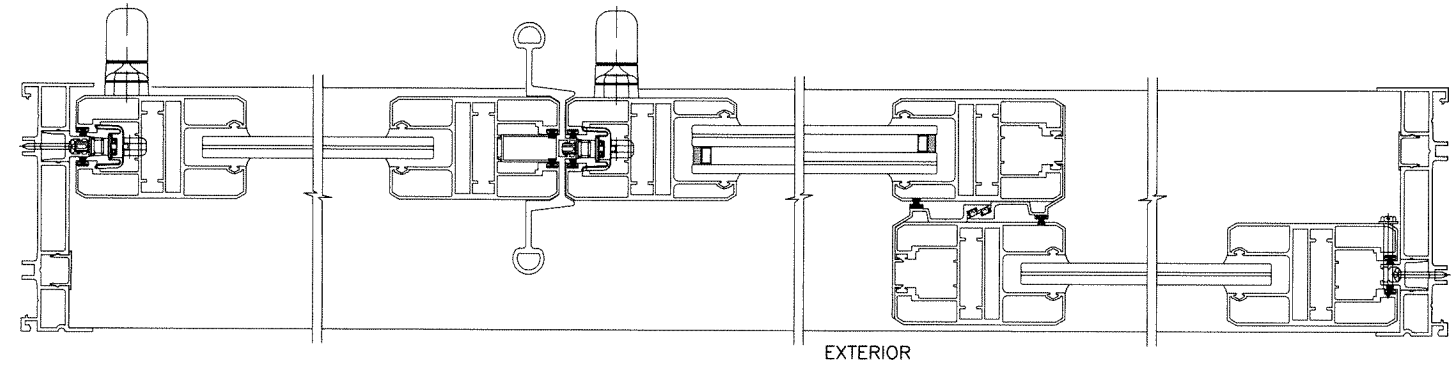
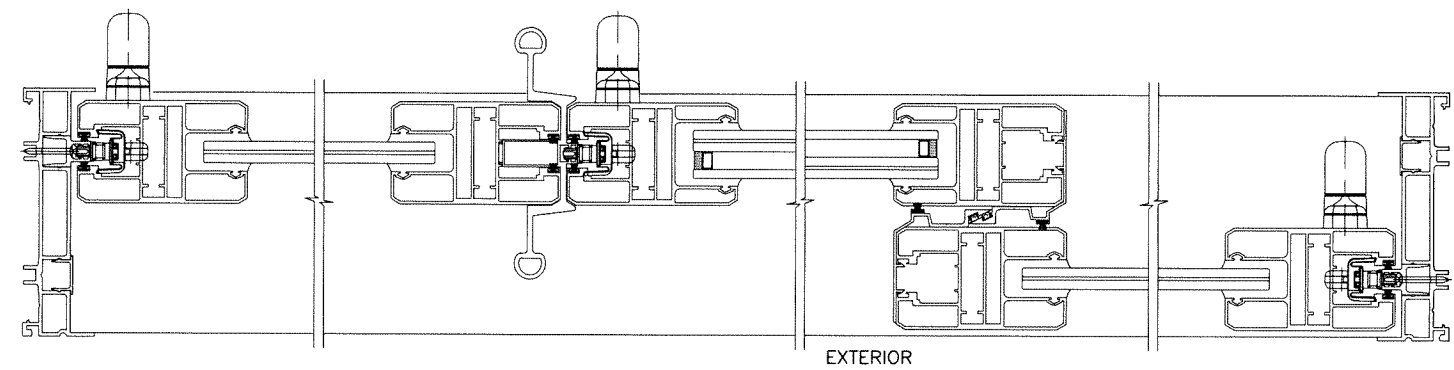
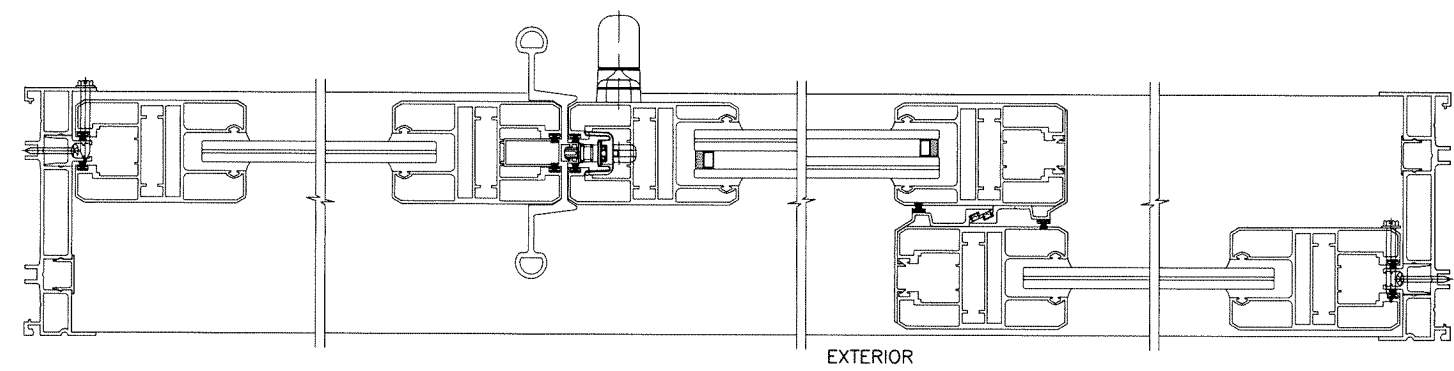
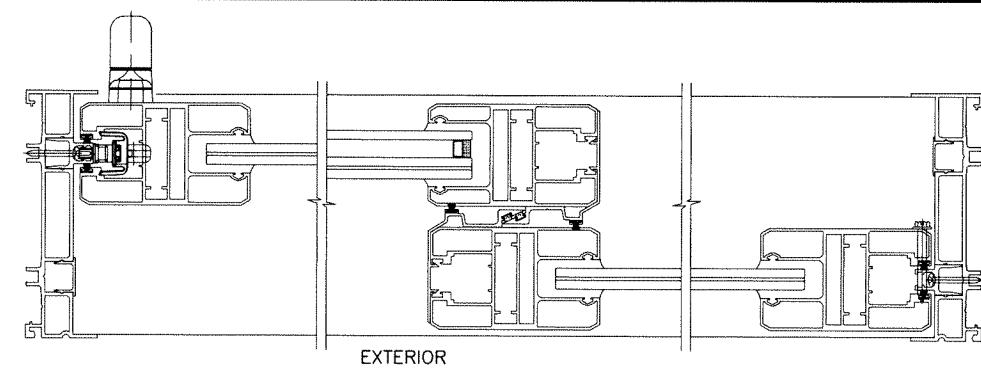
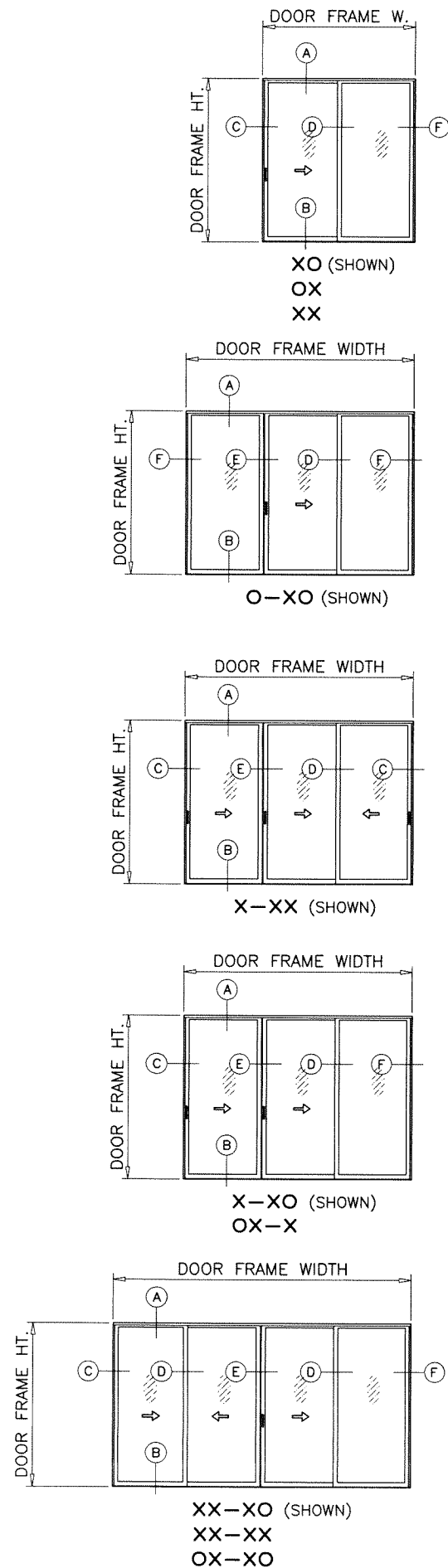
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chk. by:	

drawing no.	18-53F
sheet	2.1 of 13

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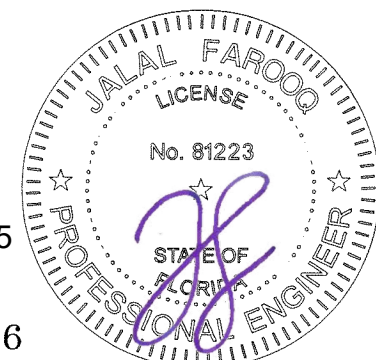
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CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE
SEE APPLICABLE DESIGN PRESSURE & SIZE IN SHEET 3
AND ANCHOR INSTALLATION IN SHEETS 6 & 7.

MAX. FRAME AREA OF TWO (2) TRACK S.G.D. SHALL NOT
EXCEED 200 SQ. FT.
DOOR PANEL AREA SHALL NOT EXCEED 50.8 SQ. FT.
PER FBC REQUIREMENTS.

APPROVED CONFIGURATIONS
TWO (2) TRACKS

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COMP-ANL 18-53F-ALU

SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

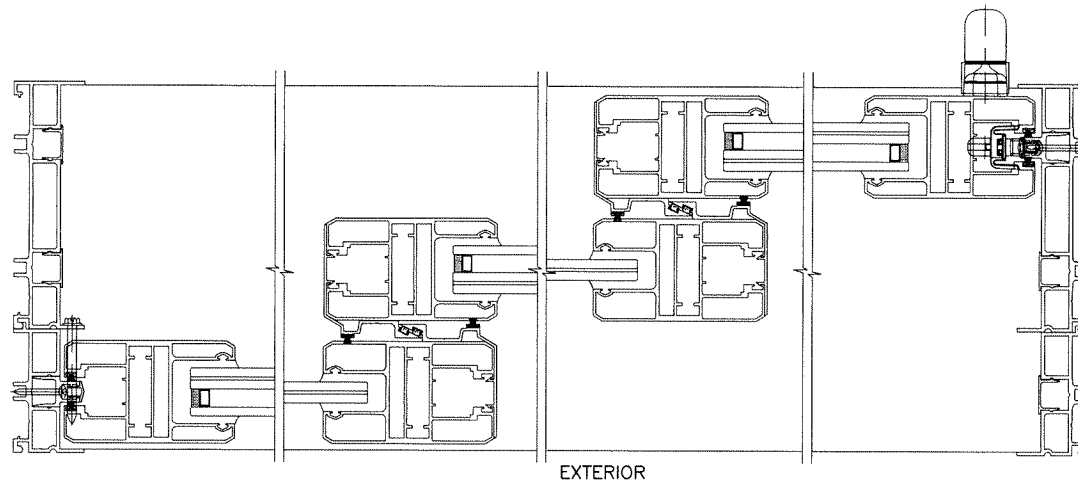
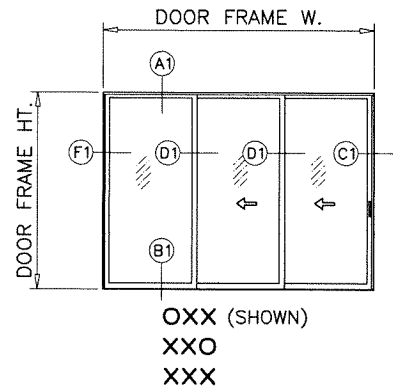
Alucorp S.A. De C.V.
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Yucatan, Mexico
Tel. (-) Fax. (-)

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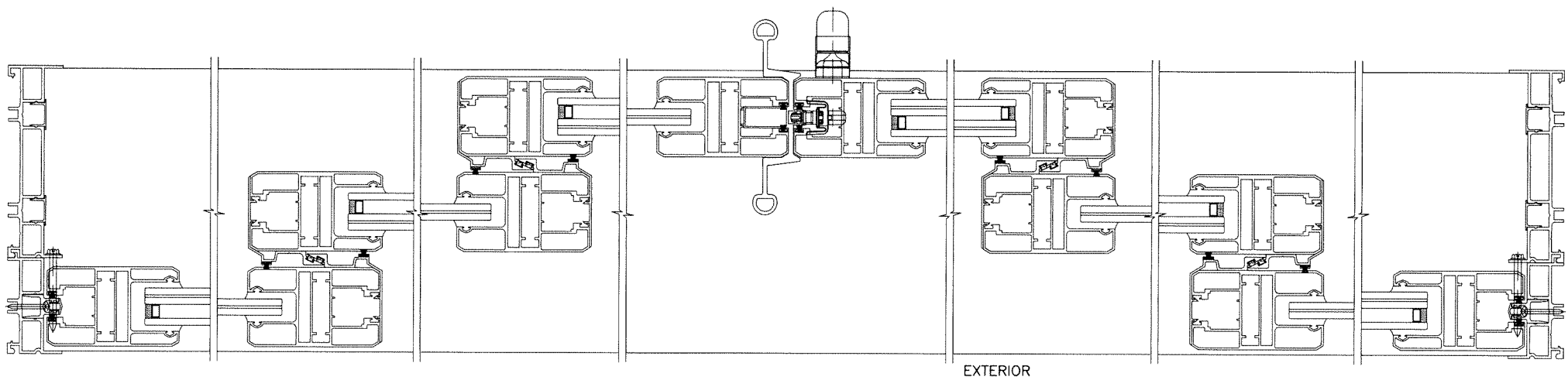
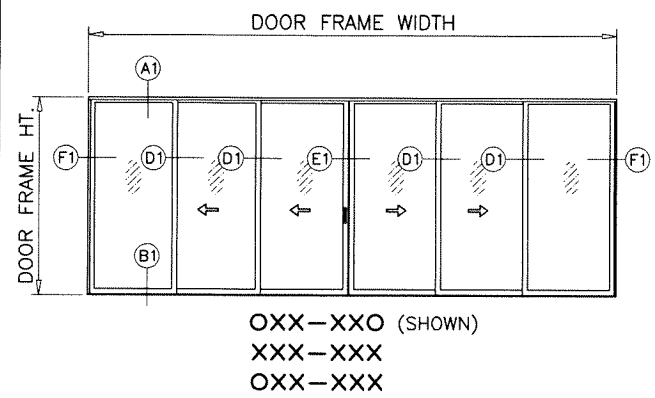
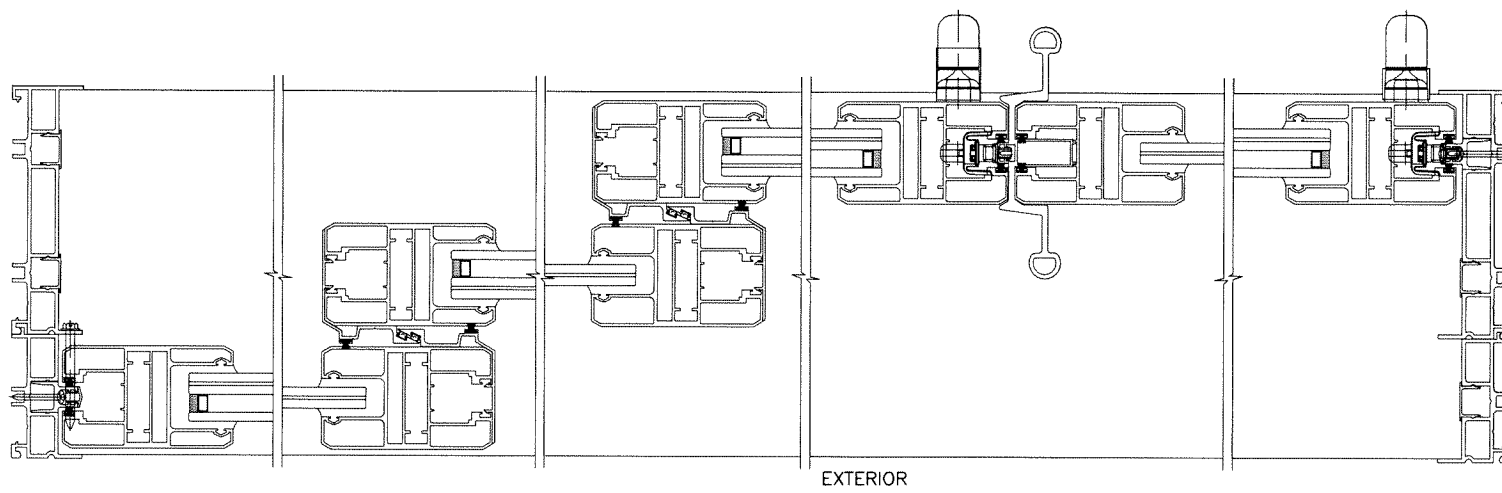
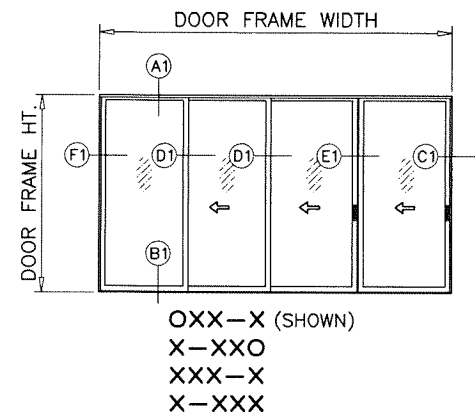
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18-53F

sheet 4 of 13



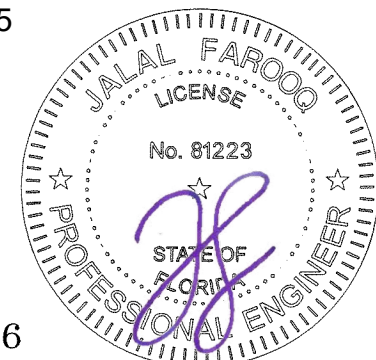
NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE
SEE APPLICABLE DESIGN PRESSURE & SIZE IN SHEET 3
AND ANCHOR INSTALLATION IN SHEETS 8 THRU 10.

MAX. FRAME AREA OF THREE (3) TRACK S.G.D. SHALL NOT
EXCEED 300 SQ. FT.
DOOR PANEL AREA SHALL NOT EXCEED 50.8 SQ. FT.
PER FBC REQUIREMENTS.



APPROVED CONFIGURATIONS
THREE (3) TRACKS

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SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

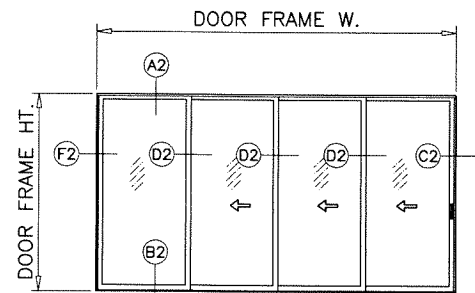
Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
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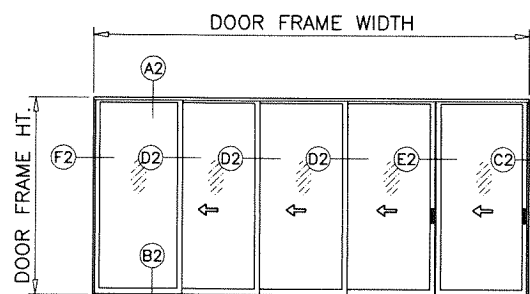
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chk. by:

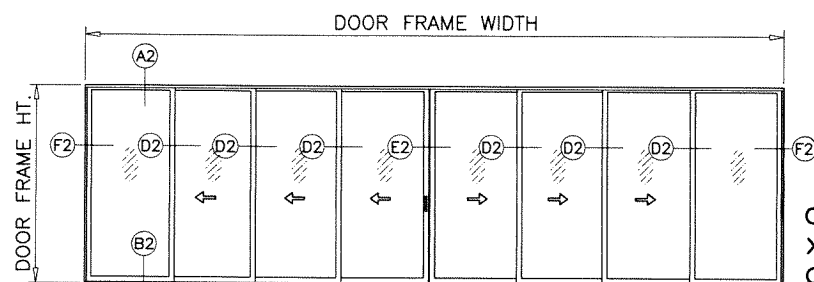
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sheet 5 of 13



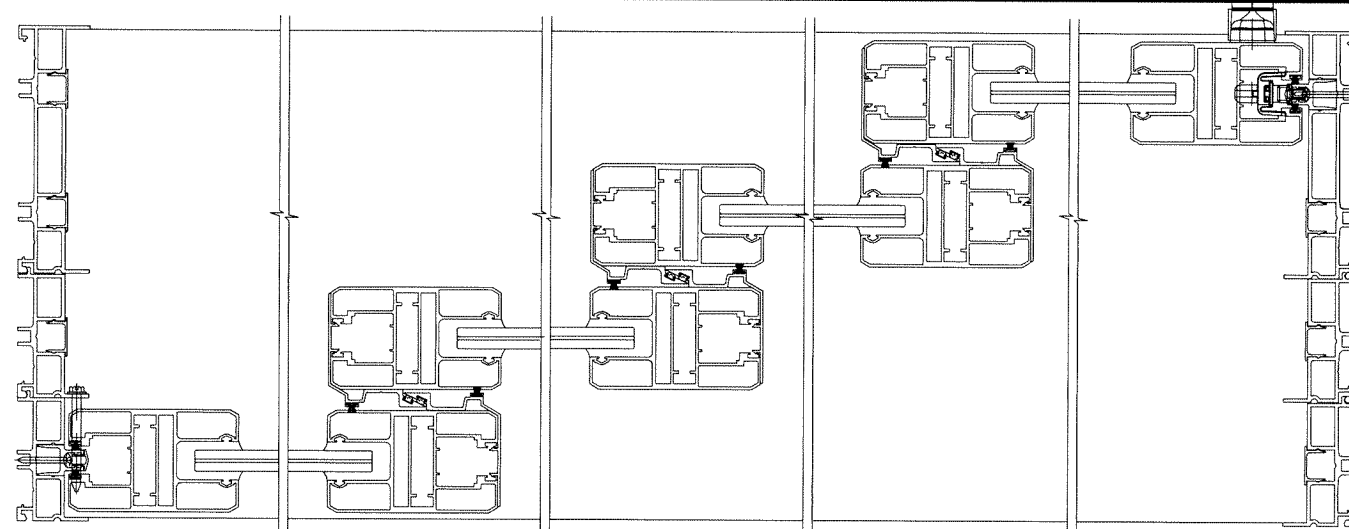
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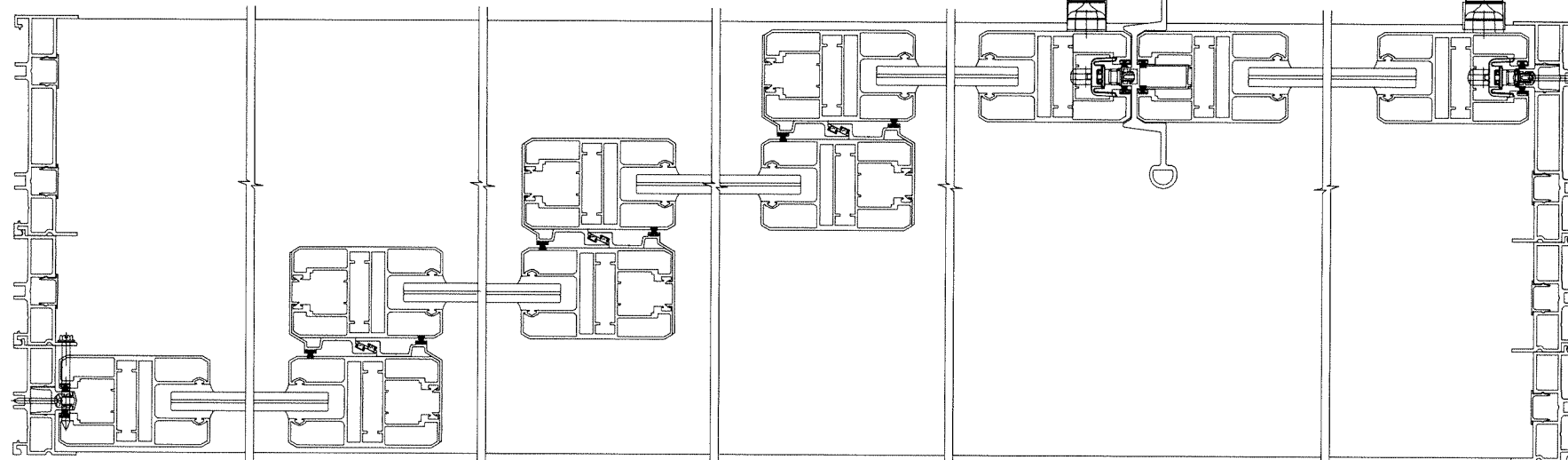
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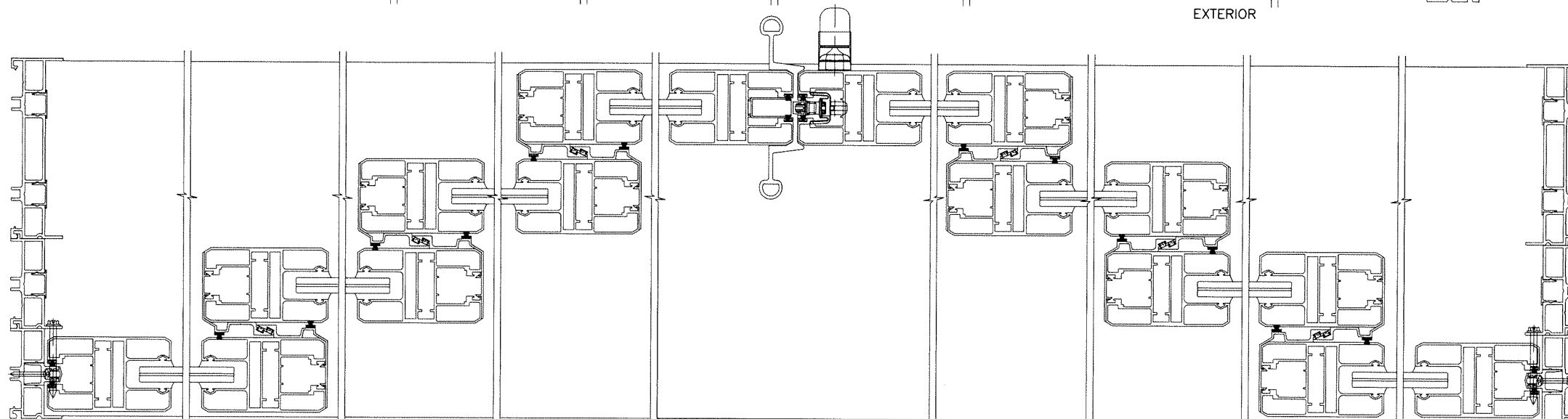
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EXTERIOR



EXTERIOR

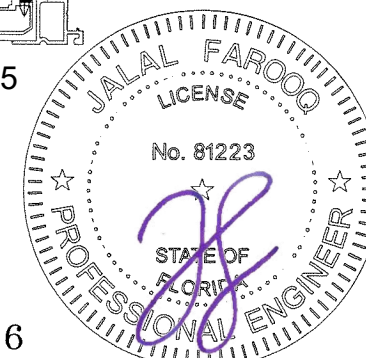


EXTERIOR

NOTE:
CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSE
SEE APPLICABLE DESIGN PRESSURE & SIZE IN SHEET 3
AND ANCHOR INSTALLATION IN SHEETS 10.1 THRU 10.3.

MAX. FRAME AREA OF FOUR (4) TRACK S.G.D. SHALL NOT
EXCEED 400 SQ. FT.
DOOR PANEL AREA SHALL NOT EXCEED 50.8 SQ. FT.
PER FBC REQUIREMENTS.

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APPROVED CONFIGURATIONS
FOUR (4) TRACKS

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(C.A.N. 3538)

SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

Alucorp S.A. De C.V.
Calle 2 Tabloje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

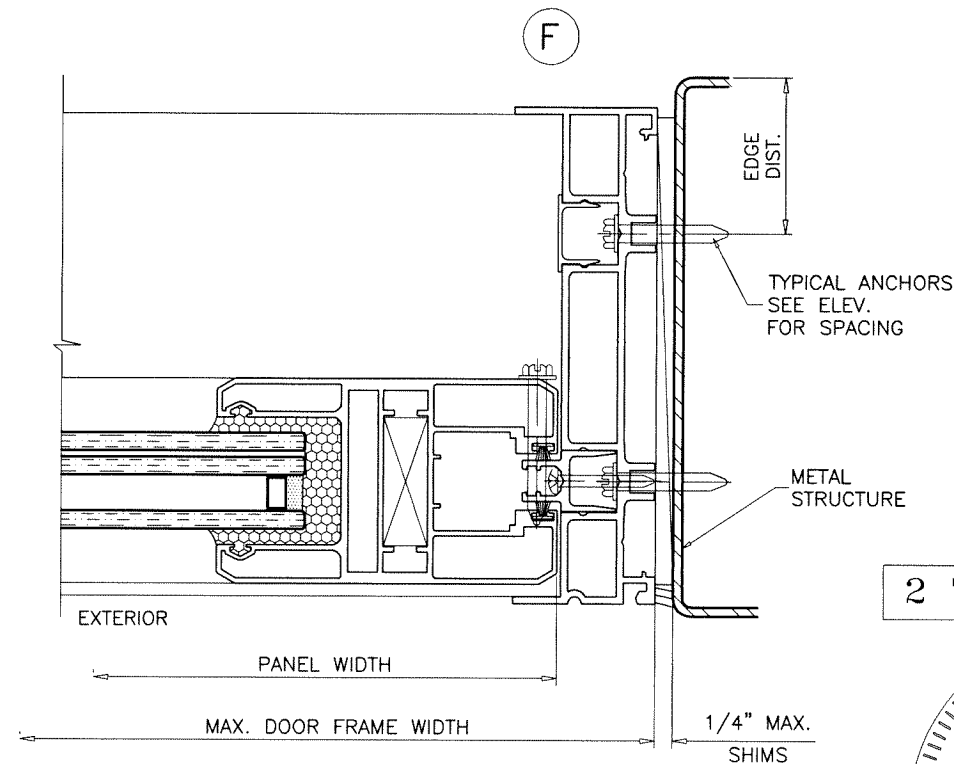
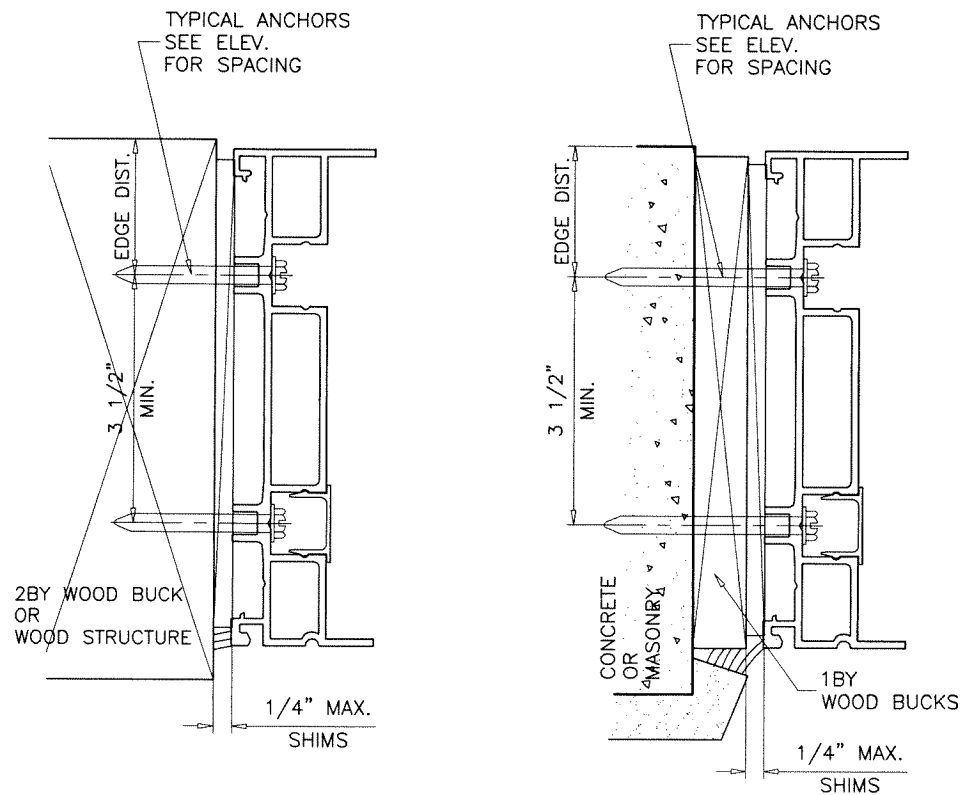
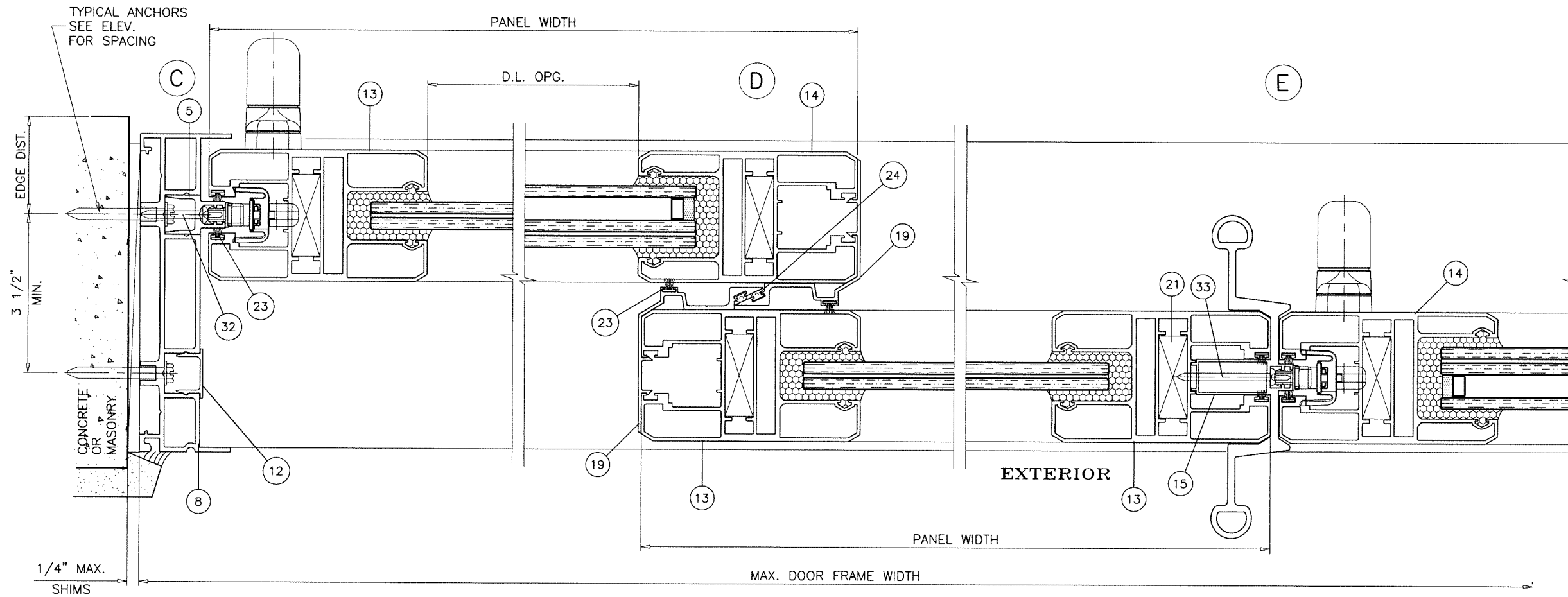
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dr. by: TARIQ
chk. by:

drawing no.
18-53F

sheet 5.1 of 13

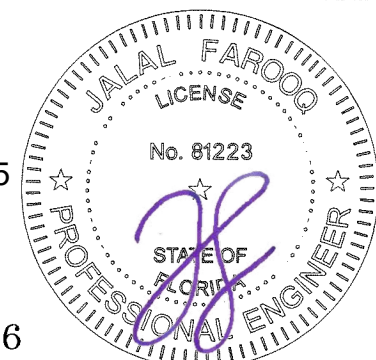
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2 TRACK FRAMES

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SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

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25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

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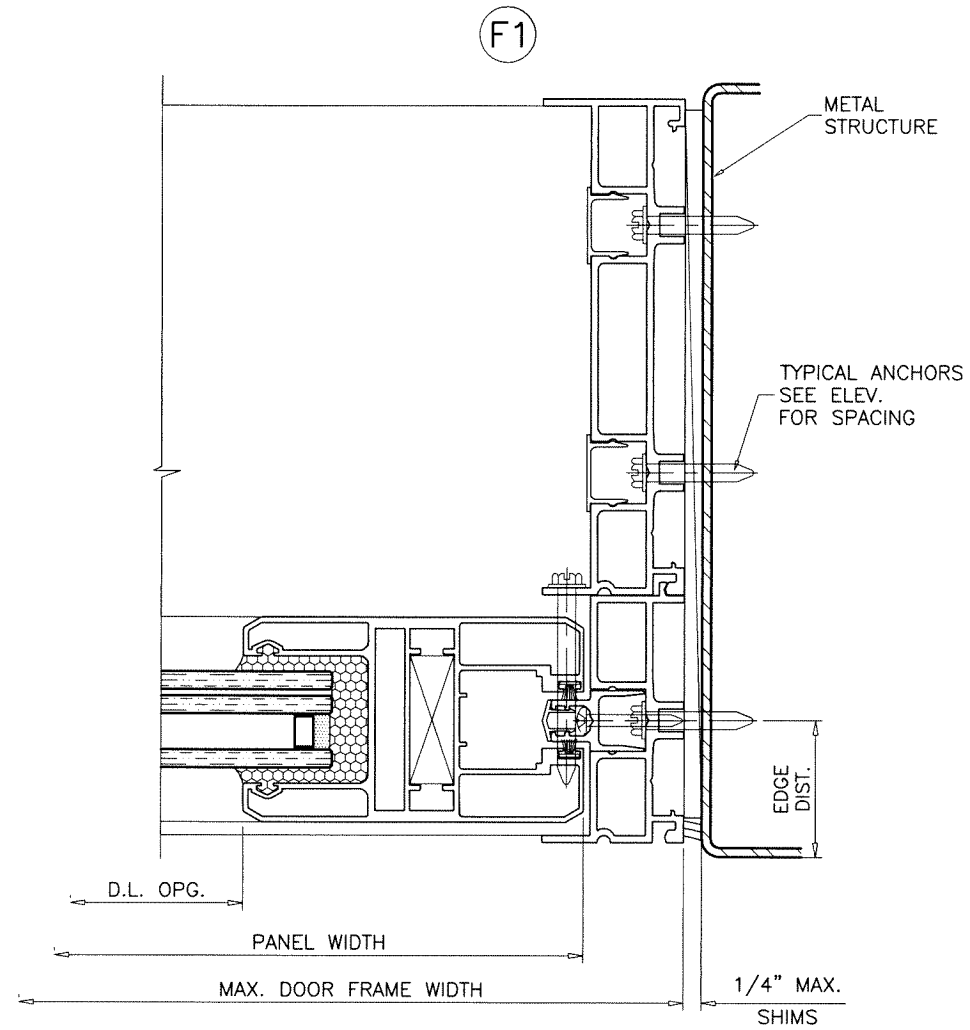
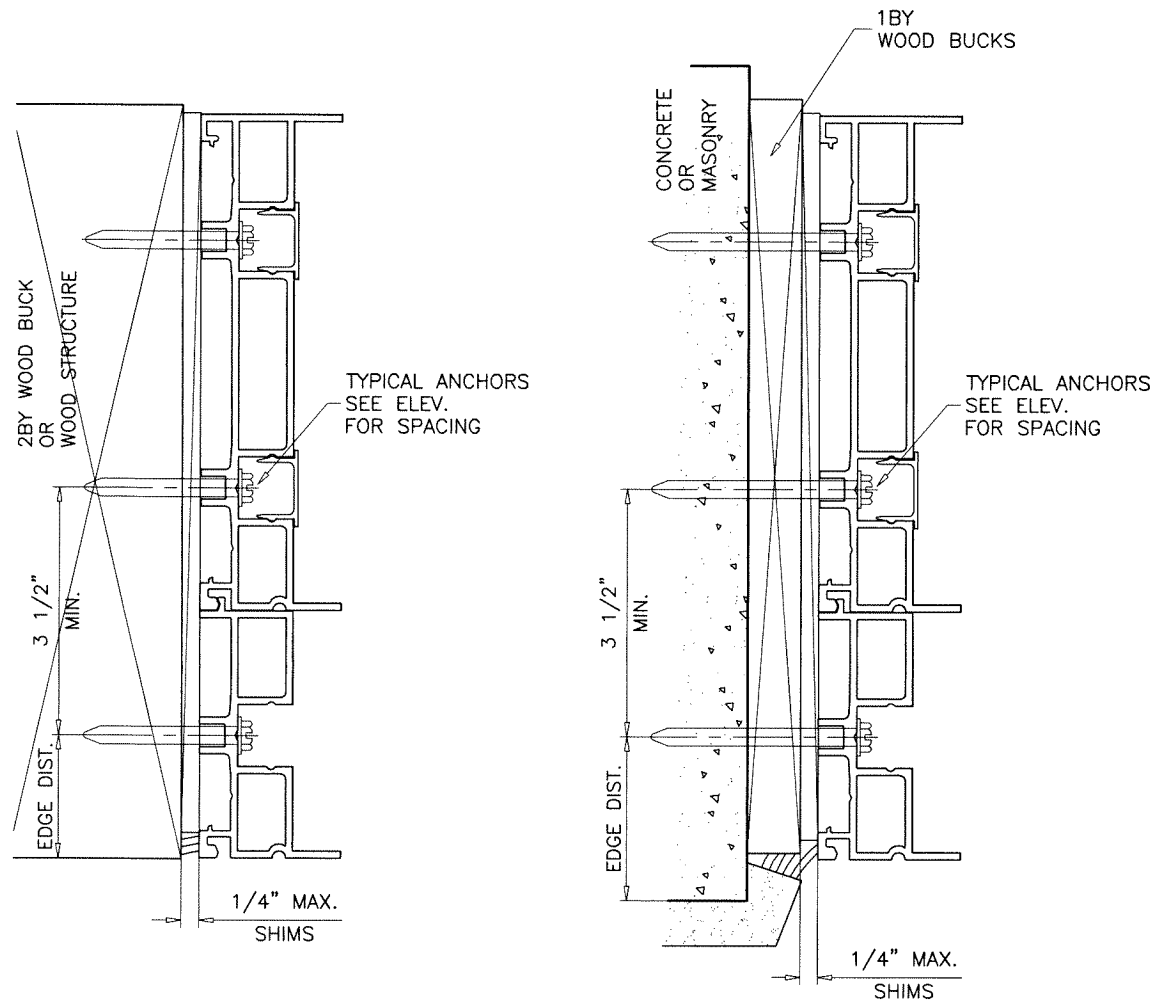
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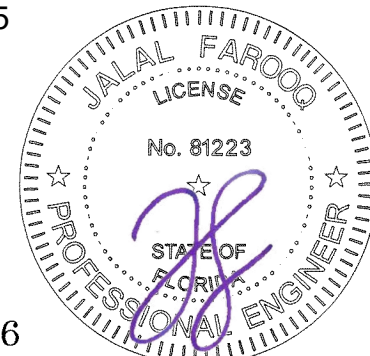
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sheet 7 of 13



3 TRACK FRAMES

Sealed: 10/22/2025



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 25 Chichi Suarez, Merida
 Yucatan, Mexico
 Tel. (-) Fax. (-)

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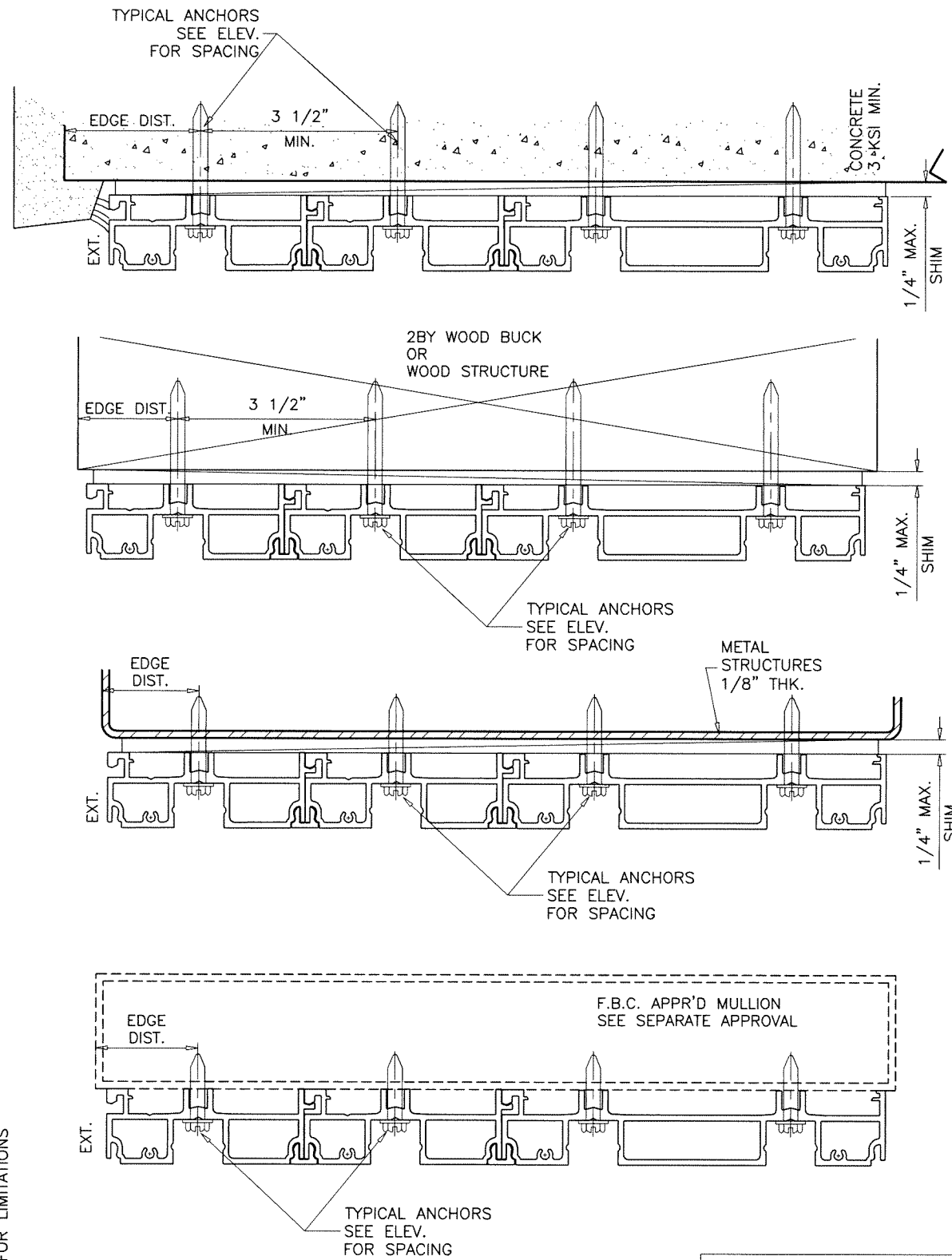
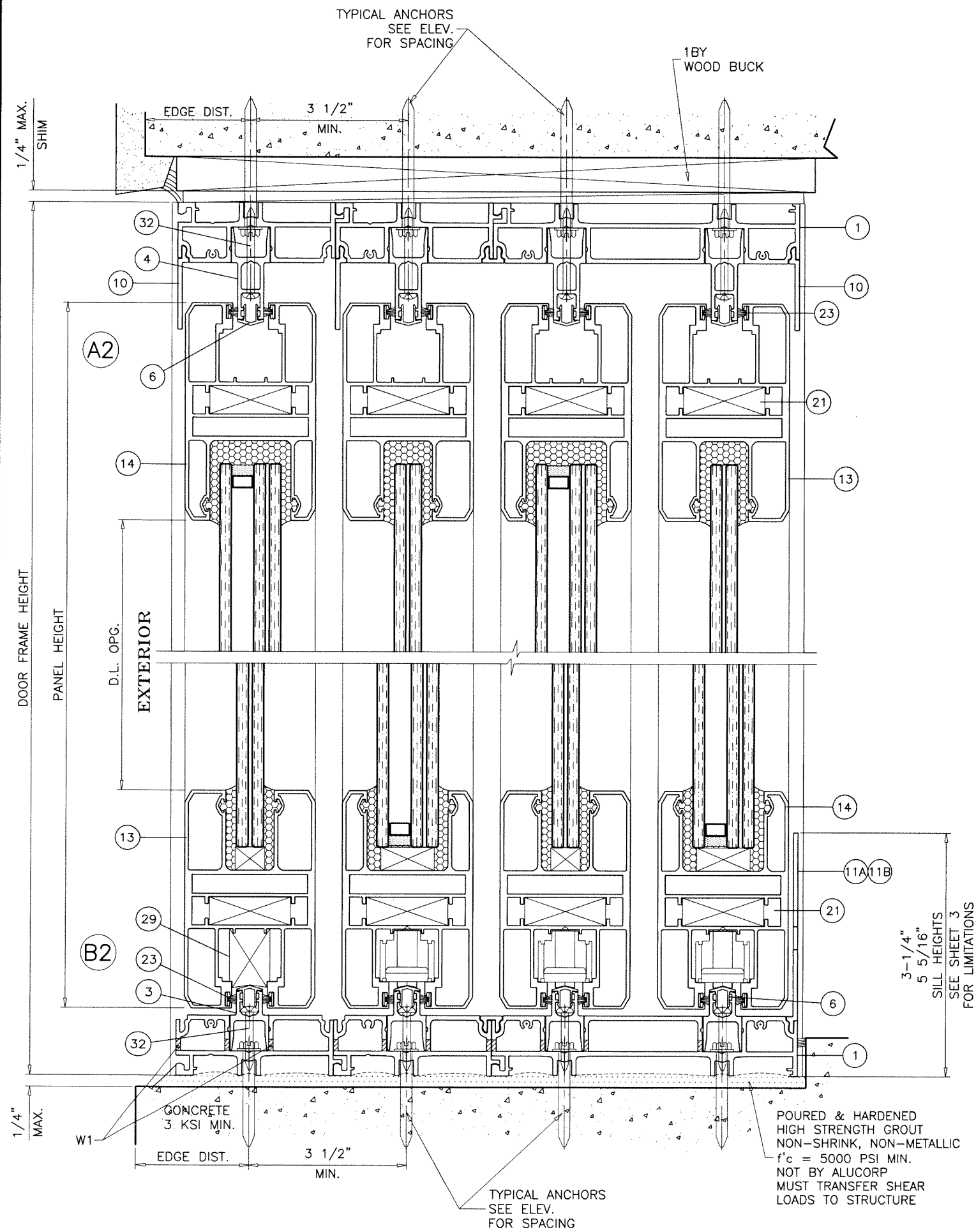
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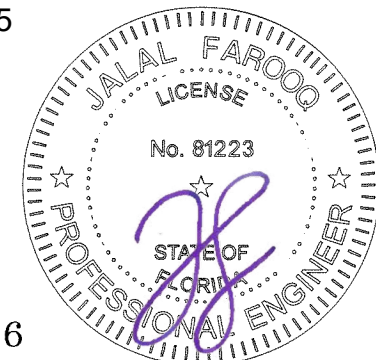
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18-53F

sheet 10 of 13



4 TRACK FRAMES

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SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

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Calle 2 Tabloje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

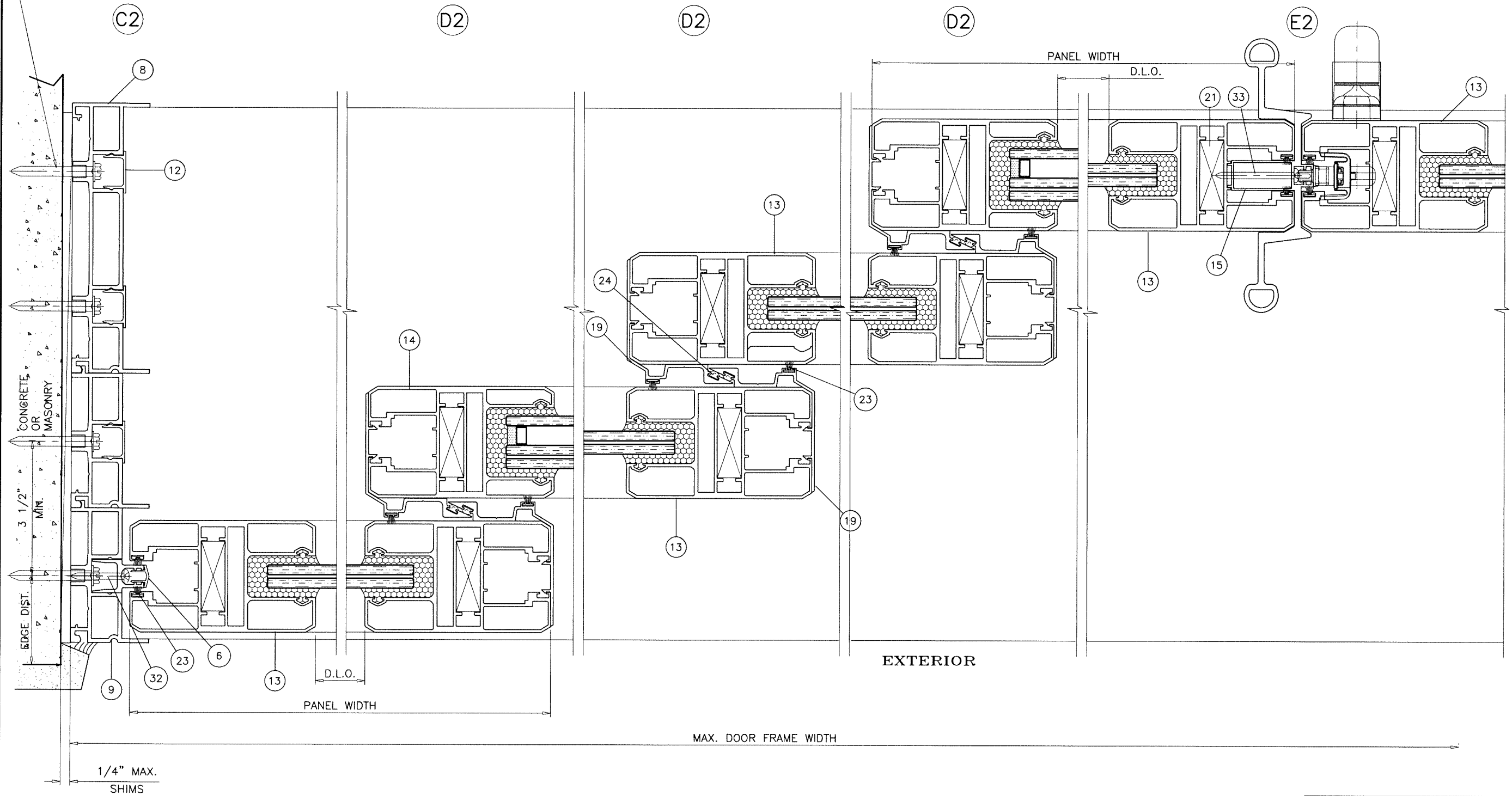
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chk. by:

drawing no.
18-53F
sheet 10.1 of 13

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

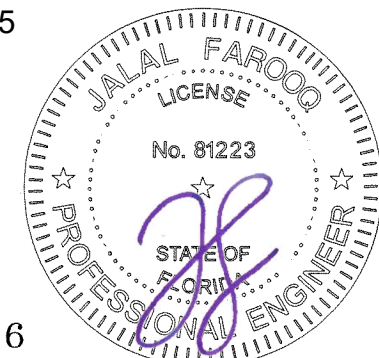


EXTERIOR

4 TRACK FRAMES

Sealed: 10/22/2025

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SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

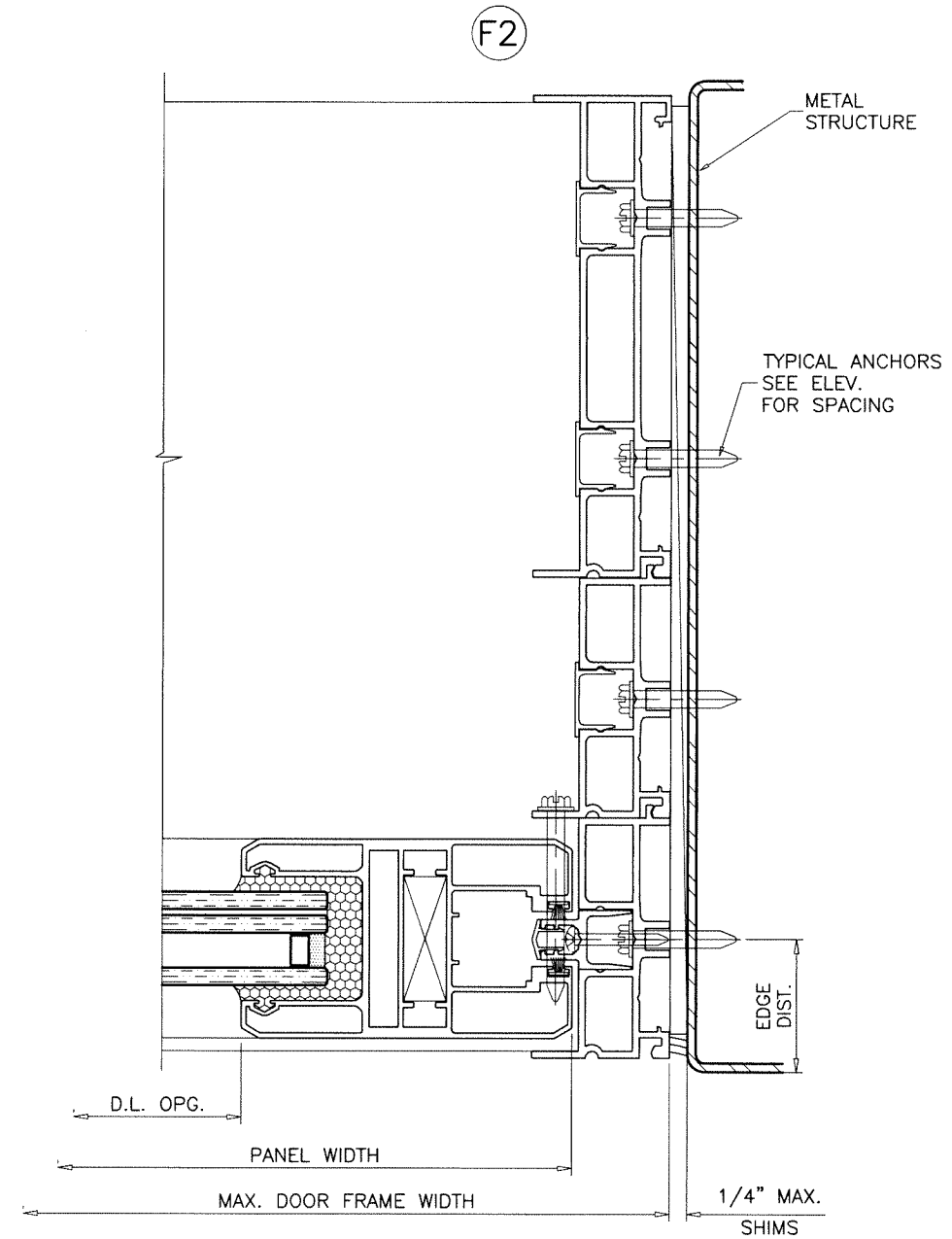
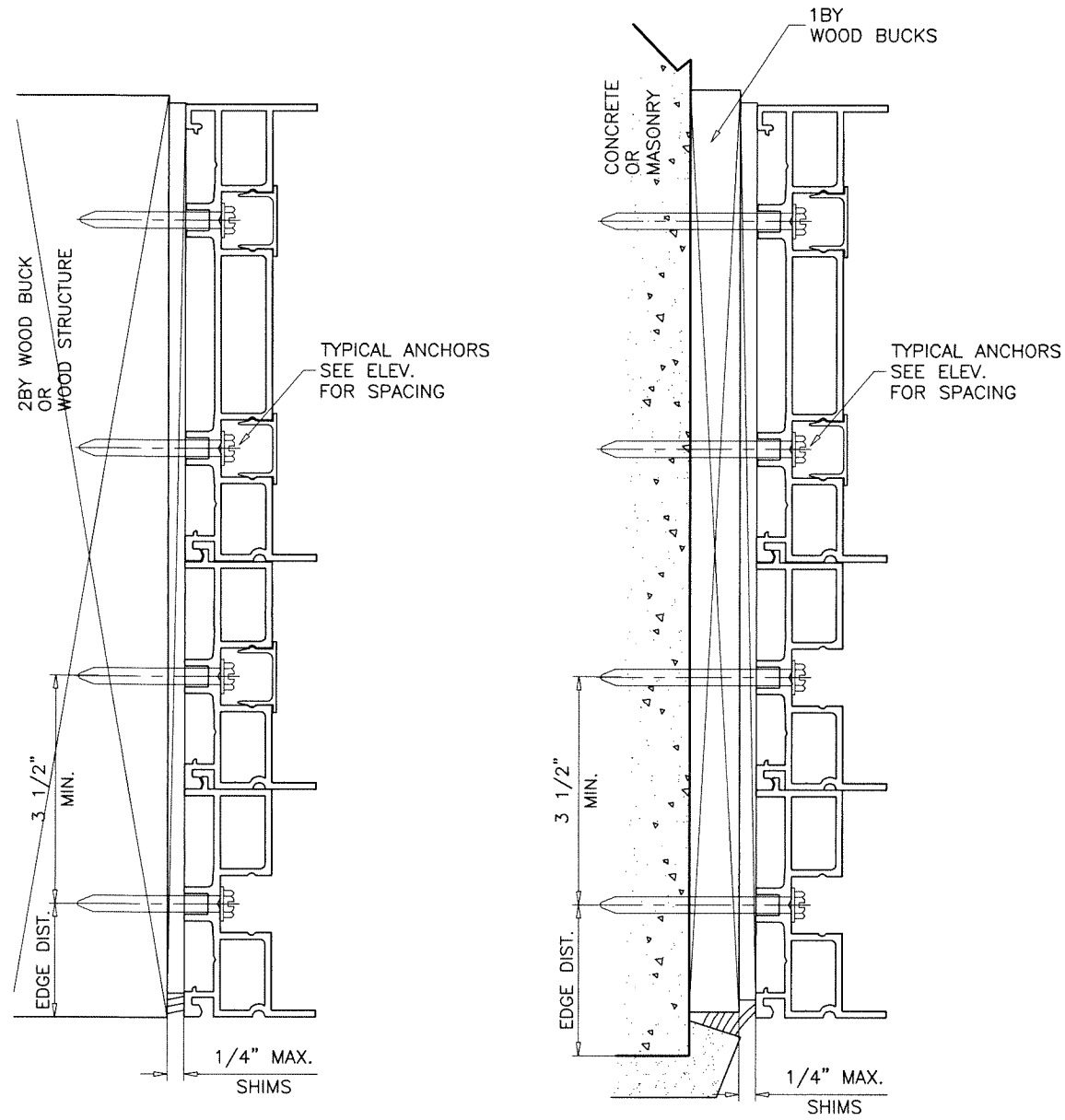
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Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
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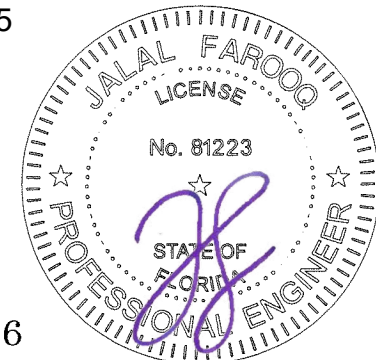
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18-53F
sheet 10.2 of 13



4 TRACK FRAMES

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SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

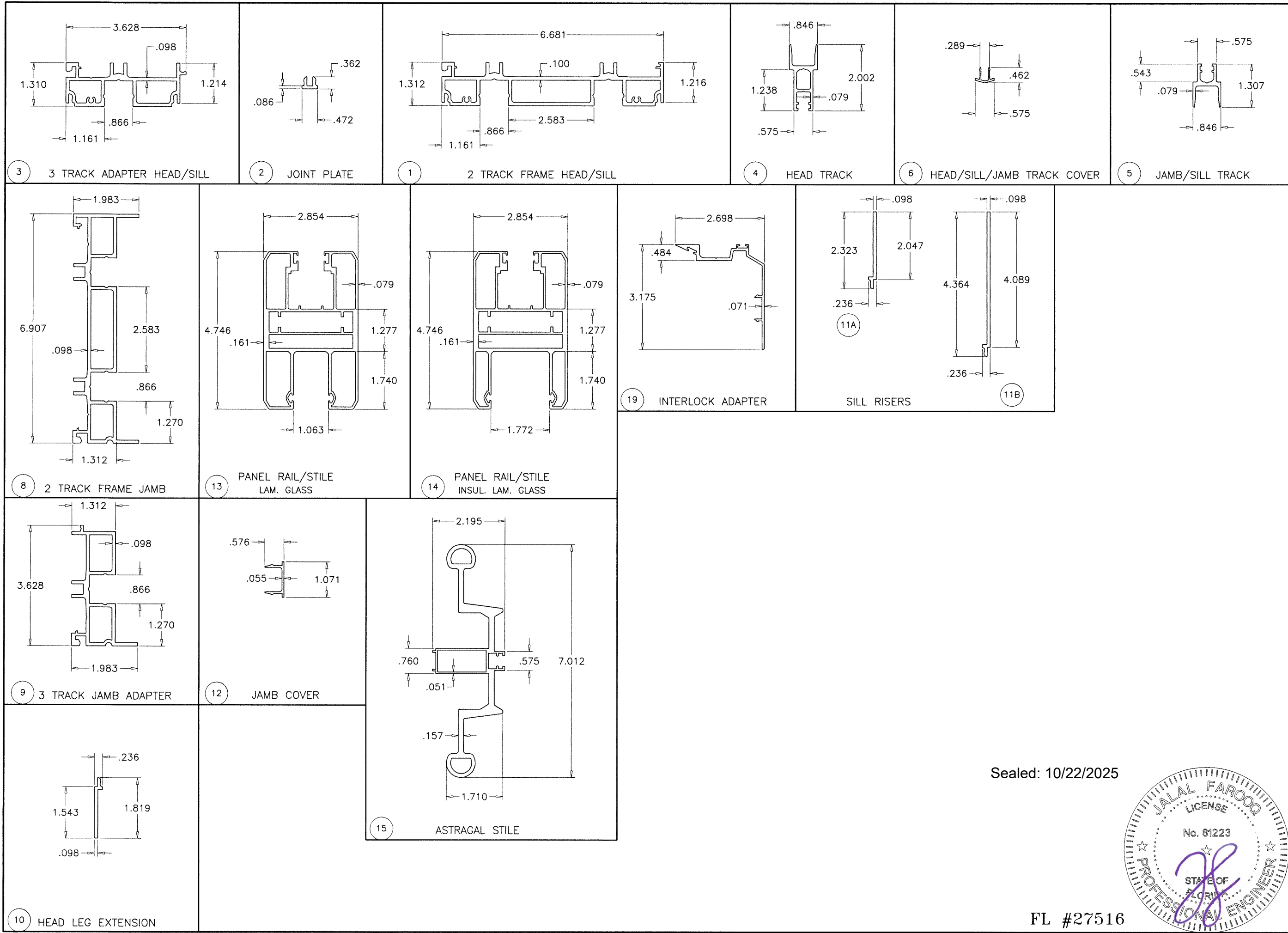
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25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

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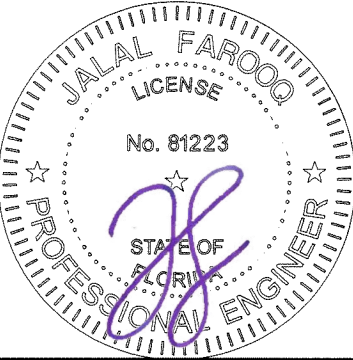
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dr. by: TARIQ
chk. by:

drawing no.
18-53F
sheet 10.3 of 13



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COMP-ANL\18-53F-ALU

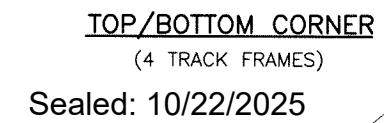
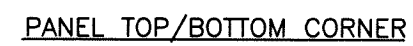
SERIES 180 ALUM SLIDING GLASS DOOR (L.M.I.)

Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

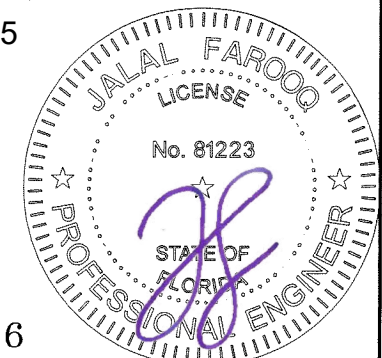
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chk. by:

drawing no.
18-53F
sheet 11 of 13



FL #27516



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