

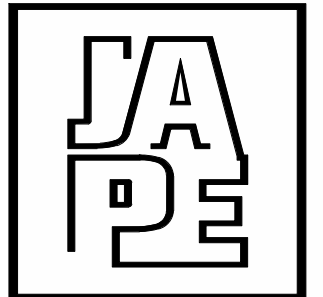
OPTIMUM STEEL WINDOWS AND DOORS
RTS- 430i LIFT & SLIDE DOORS
(LARGE AND SMALL MISSILE IMPACT RATED)

FL# 47910.1



(TEL.)845-647-1900 (FAX)845-647-1494
E-MAIL: QUOTING@OPTIMUMWINDOW.COM
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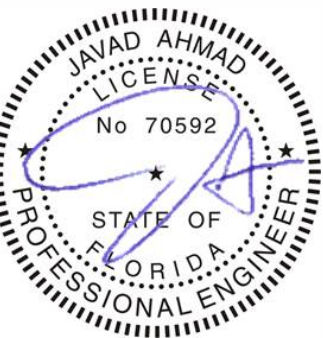
SERIES : RTS- 430i
MODEL : THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



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Doral, FL 33126
Ph: (305) 424-8001
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CUSTOMER:
OPTIMUM STEEL WINDOWS AND
DOOR

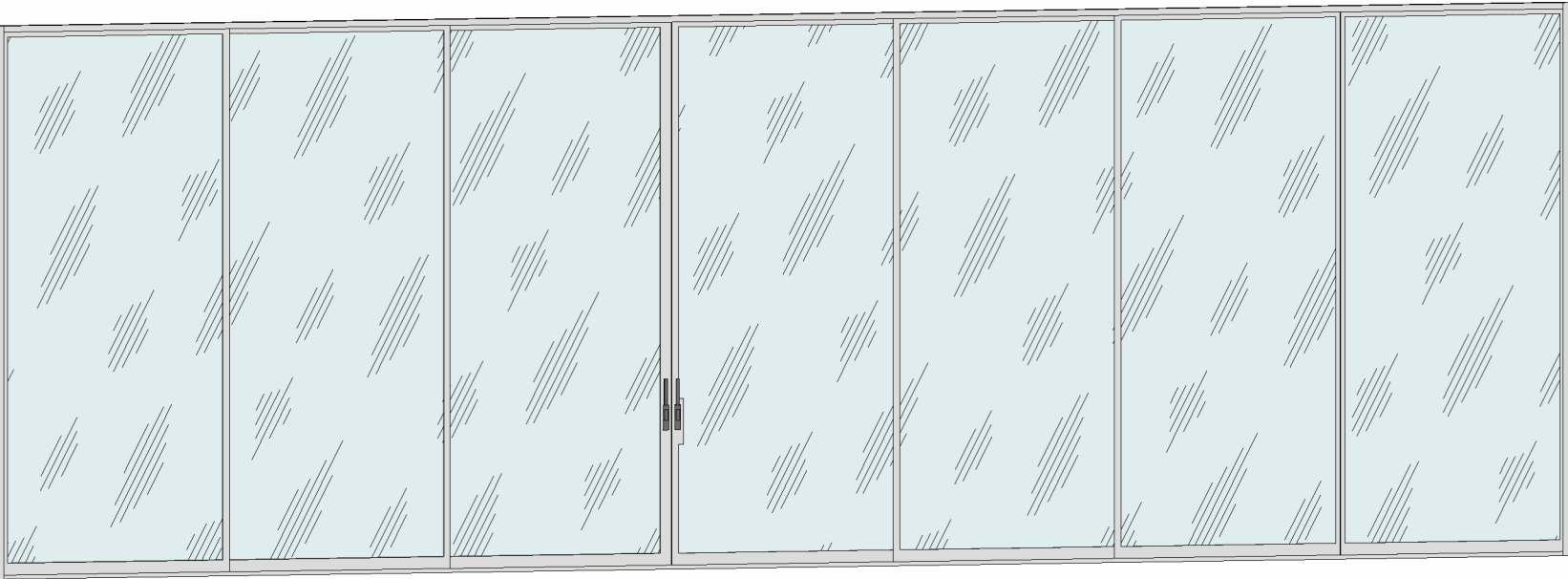
PROJECT:
RTS- 430i LIFT & SLIDE DOORS

PROJECT NUMBER
JA-1938-24

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NOTE:

- THIS PRODUCT CAN BE COMBINED WITH OTHER FBC APPROVED OPTIMUM STEEL WINDOW AND DOOR PRODUCTS. WHEN MULLED COMBINATIONS ARE USED, THE LOWER DESIGN PRESSURE FROM EACH PRODUCT WILL APPLY TO THE ENTIRE SYSTEM. FINAL APPROVAL OF ALL DESIGNS SHALL BE GRANTED BY THE GOVERNING MUNICIPALITY.
- IF THE DESIGN PRESSURES / FRAME DIMENSIONS ON SITE EXCEEDS THE PRESSURES GIVEN IN THIS APPROVAL, PLEASE CONTACT OPTIMUM WINDOWS FOR SPECIAL APPROVALS.

DESIGN PRESSURE RATING

FRAME SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
60 9/16" X 145 13/16"	+/- 65 PSF	LARGE AND SMALL MISSILE IMPACT

GENERAL NOTES

- THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023), FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PER:
 - TAS 201 / 202 / 203
- GLASS CAPACITIES MENTIONED IN THE PRESSURE CHARTS IN THIS CERTIFICATION ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS).
- DESIGN PRESSURES MENTIONED IN THIS CERTIFICATION ARE ALLOWABLE PRESSURES (ASD) BASED ON TESTED PRESSURE DIVIDED BY A FACTOR OF SAFETY OF 1.5.
- THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH THE STANDARDS IN NOTE 1 OF THE GENERAL NOTES AND IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE IMPACT RESISTANT SHUTTERS.
- NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
- 1BY OR 2BY WOOD BUCK & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE ANY SITE SPECIFIC INSTALLATION INFORMATION. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A QUALIFIED ENGINEER LICENSED IN THE STATE OF FLORIDA SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSULATING ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- FASTENERS DESCRIBED IN THIS CERTIFICATION ARE PERMITTED TO BE SUBSTITUTED PROVIDED THE STRENGTH OF THE ALTERNATIVE ANCHOR IS EQUAL TO OR GREATER THAN THE ORIGINALLY SPECIFIED ANCHOR. FINAL APPROVAL OF SUBSTITUTED ANCHORS SHALL BE BY OTHERS.
- FASTENERS SHALL BE CADMIUM-PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3.7.2 BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES..
- ENGINEER'S SEAL AFFIXED HERE VALIDATES THE STRUCTURAL DESIGN AS SHOWN ONLY. THE USE OF THIS SPECIFICATION BY THE CONTRACTOR, ET AL., INDEMNIFIES AND SAVES HARMLESS THIS ENGINEER FROM ALL COSTS AND DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES, RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES, AND FROM DEVIATIONS OF THIS PLAN.
- THIS PRODUCT IS APPROVED FOR FORCED ENTRY RESISTANCE AS PER ASTM F588-07.

- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION).
- PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SYSTEM CONTAINING THE FOLLOWING:

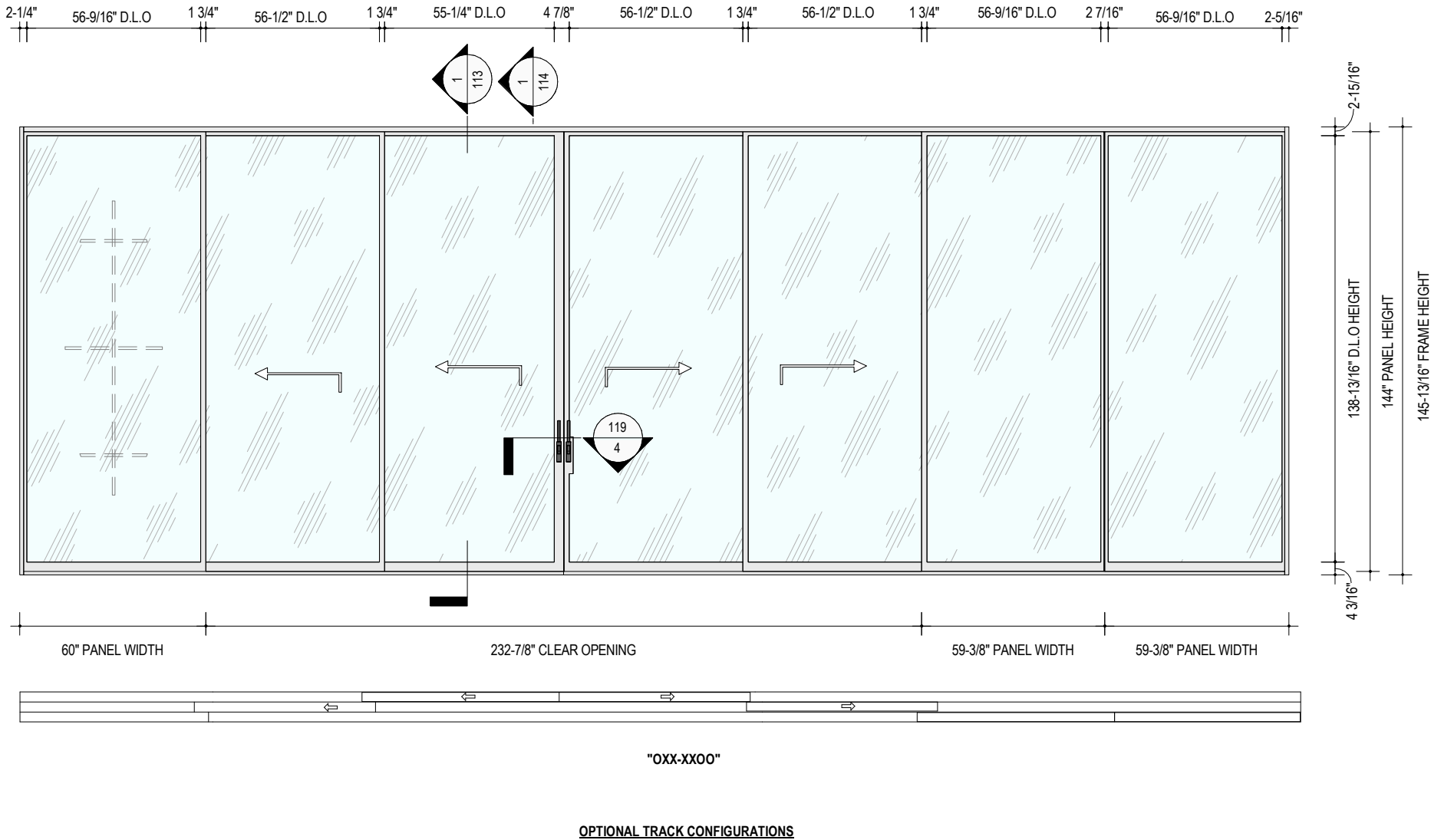
OPTIMUM STEEL WINDOWS AND DOORS
28 CANAL ST. ELLENNVILLE, NY 12428
APPROVED BY FLORIDA BUILDING COMMISSION
FLORIDA PRODUCT APPROVAL NUMBER FL# 47910.1

THIS SYSTEM IS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT (LEVEL D & E)

TYPICAL ELEVATION

FL# 47910.1



1
102
TYPICAL ELEVATION (OXX-XX00)
NOT TO SCALE

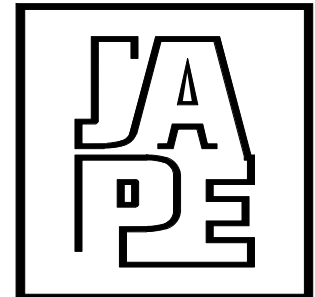
SYSTEM	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT	MAX. FRAME WIDTH	MAX. FRAME HEIGHT
LIFT & SLIDE DOOR	56 9/16"	138 5/16"	60 9/16"	145 13/16"

NOTE:
THE MAXIMUM FRAME AREA IS 61.3 SQ. FT.



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SERIES: RTS-430i
MODEL: THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



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DOOR

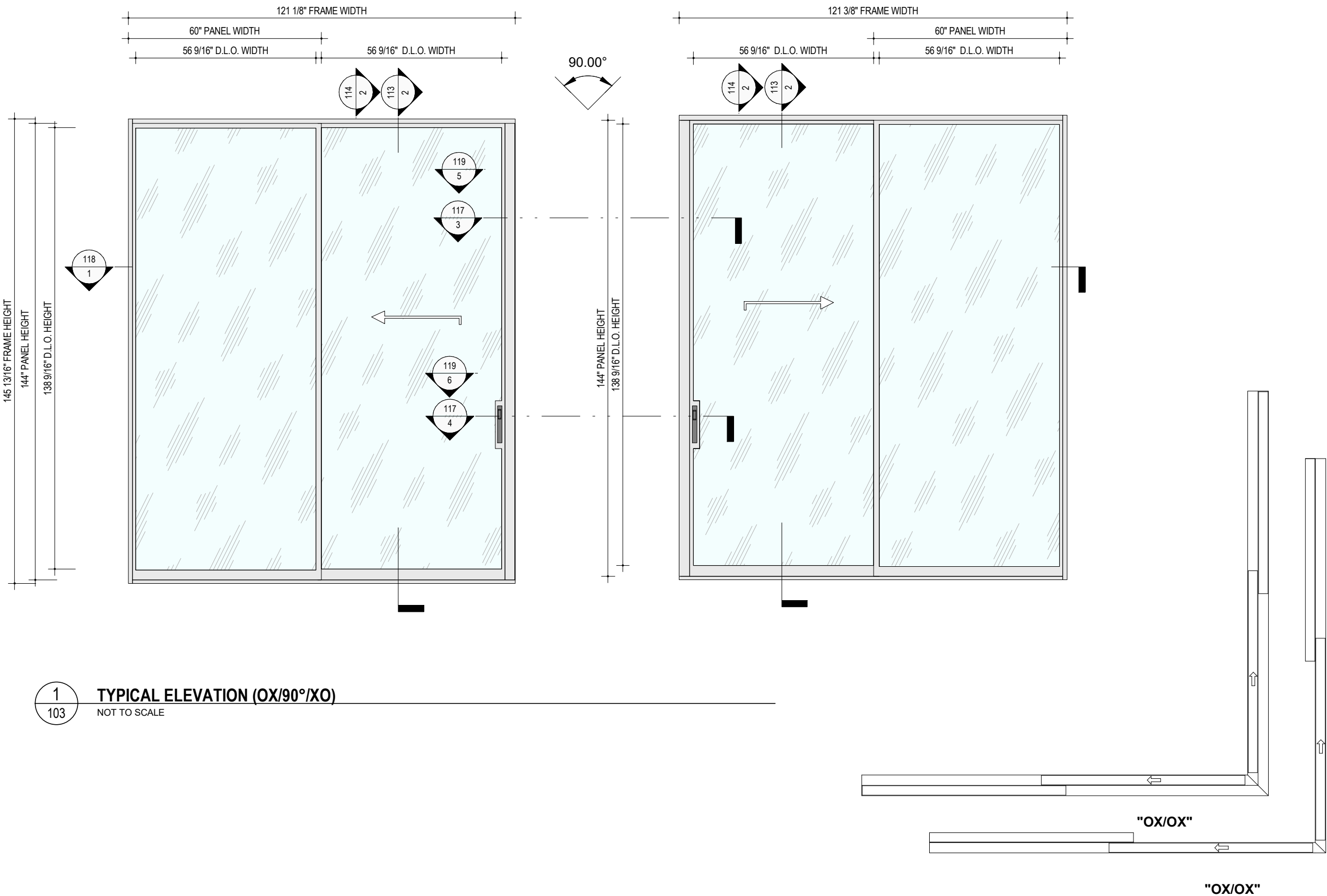
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RTS- 430i LIFT & SLIDE DOORS

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TYPICAL ELEVATION

FL# 47910.1



SYSTEM	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT	MAX. FRAME WIDTH	MAX. FRAME HEIGHT
LIFT & SLIDE DOOR	56 9/16"	138-9/16"	60 3/16"	145-13/16"

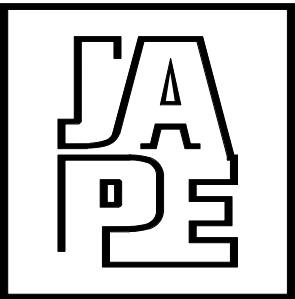
90° CORNER OPTIONAL TRACK CONFIGURATIONS

NOTE:
90 DEGREE CORNER CAN BE MADE WITH ANY COMBINATION OF
CONFIGURATION ON PREVIOUS OPTIONAL ELEVATIONS.



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MODEL : THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



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CUSTOMER:
OPTIMUM STEEL WINDOWS AND
DOOR

PROJECT:
RTS- 430i LIFT & SLIDE DOORS

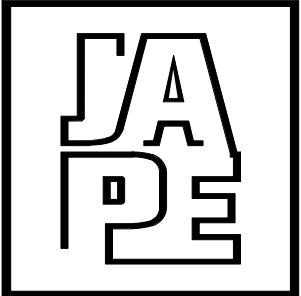
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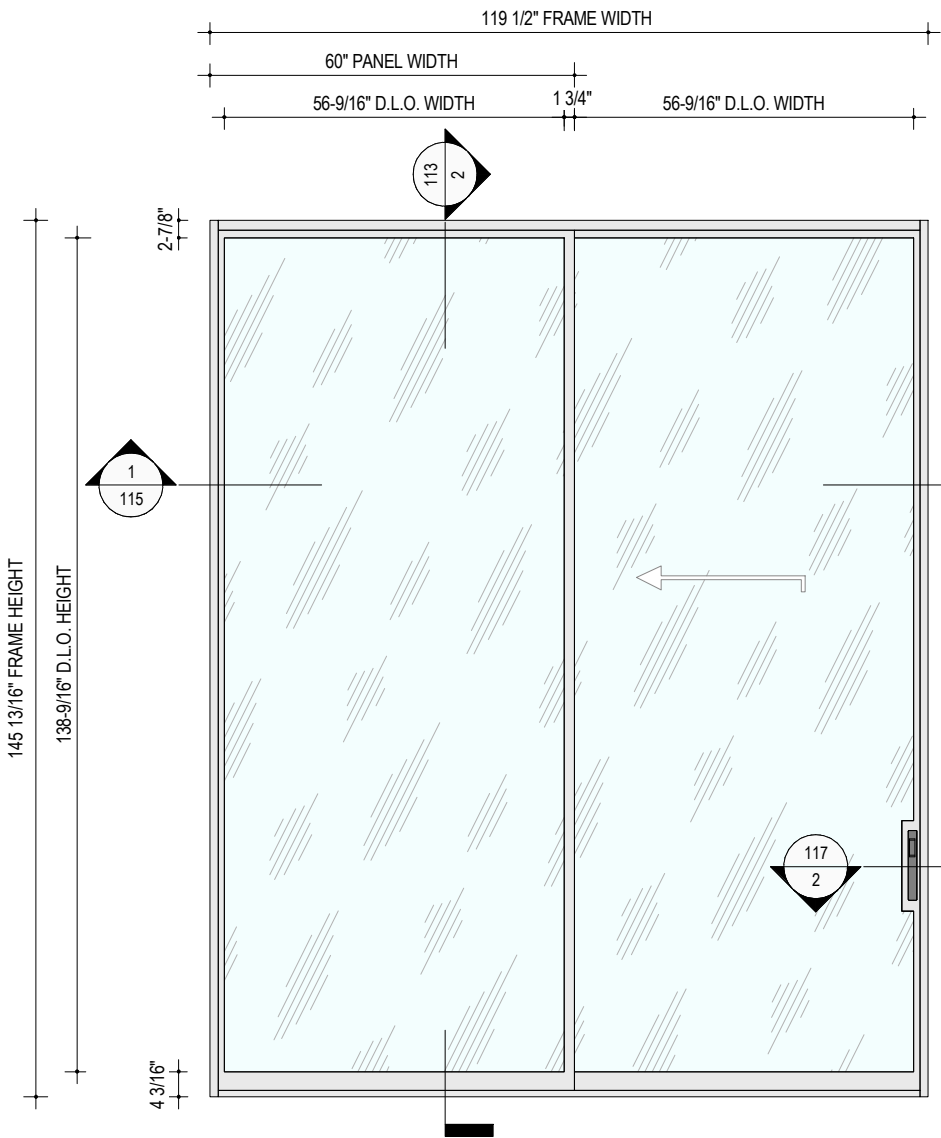
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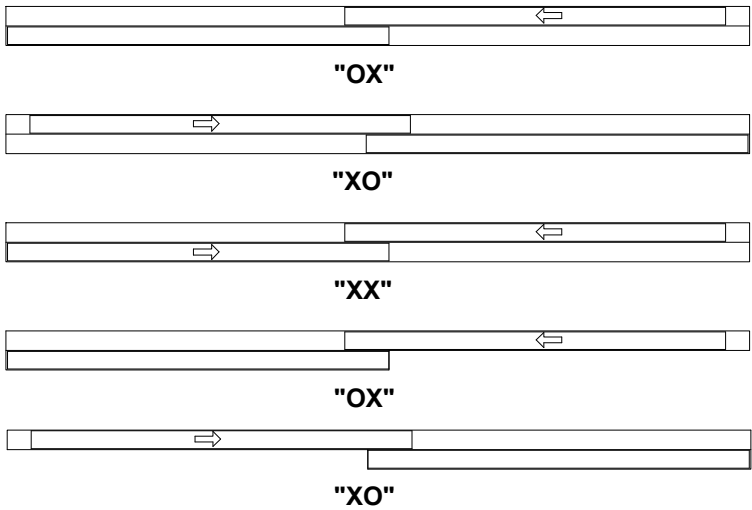
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PROJECT NUMBER
JA-1938-24

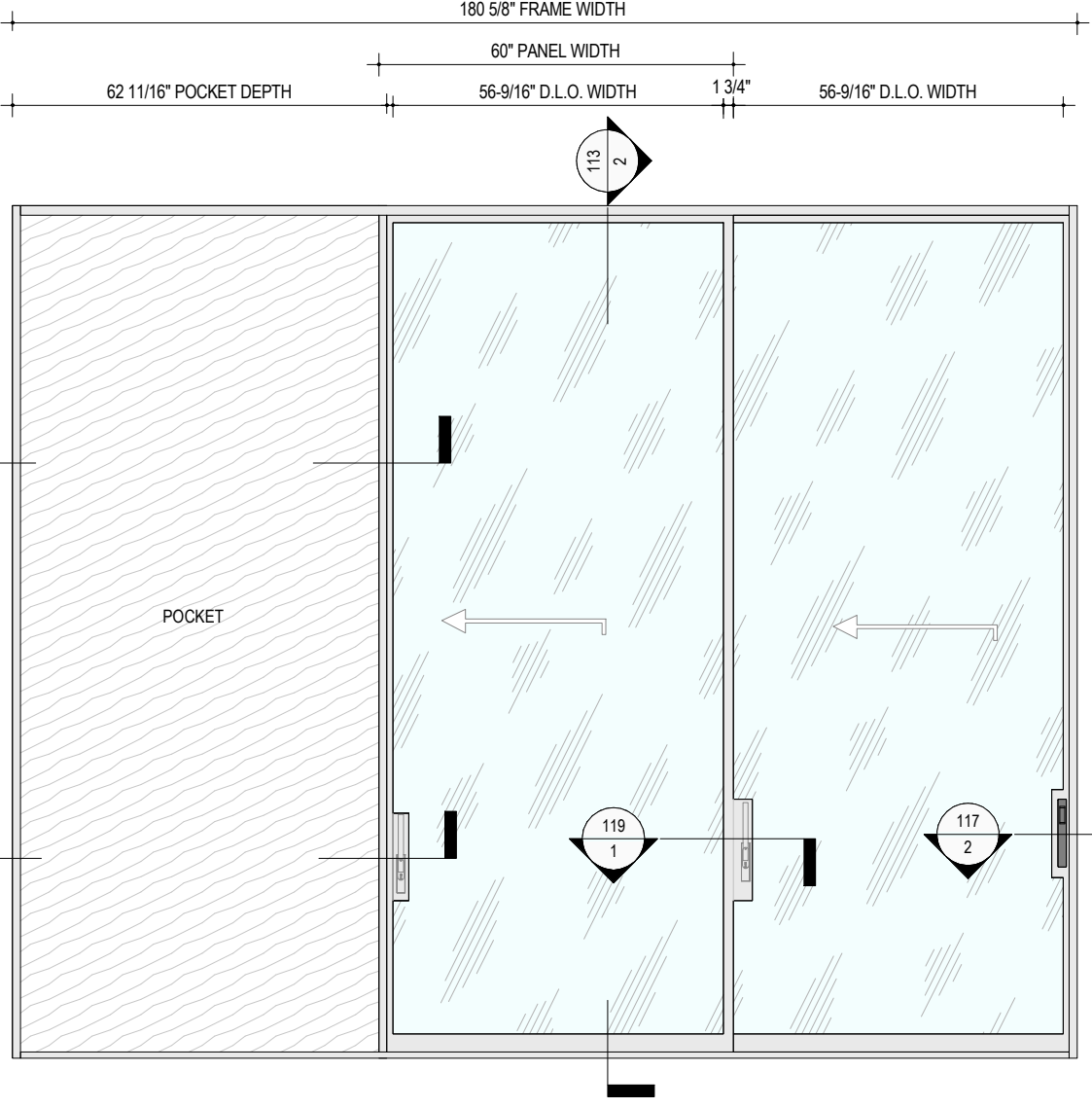
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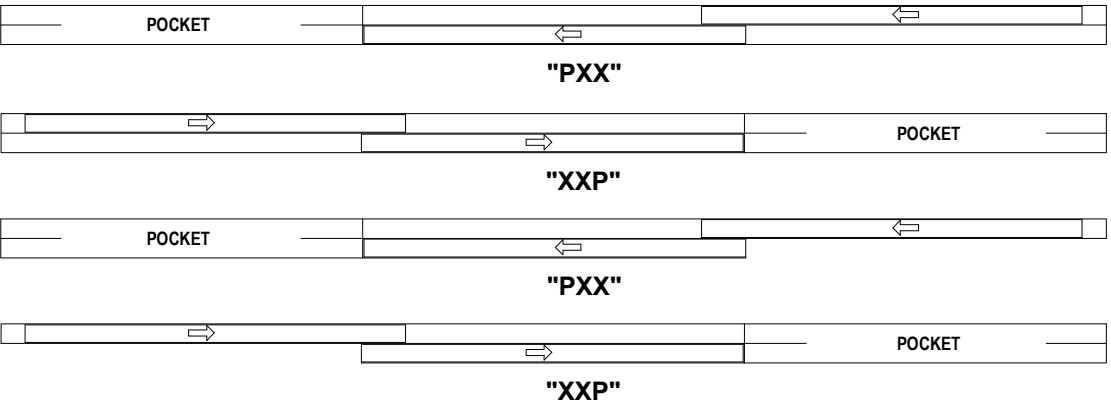
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ALTERNATE ELEVATION (XX)
NOT TO SCALE



OPTIONAL TRACK CONFIGURATIONS



2
104
ALTERNATE ELEVATION (PXX)
NOT TO SCALE

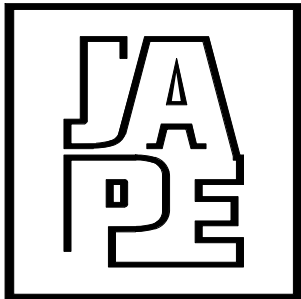


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SERIES: RTS-430i
MODEL: THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



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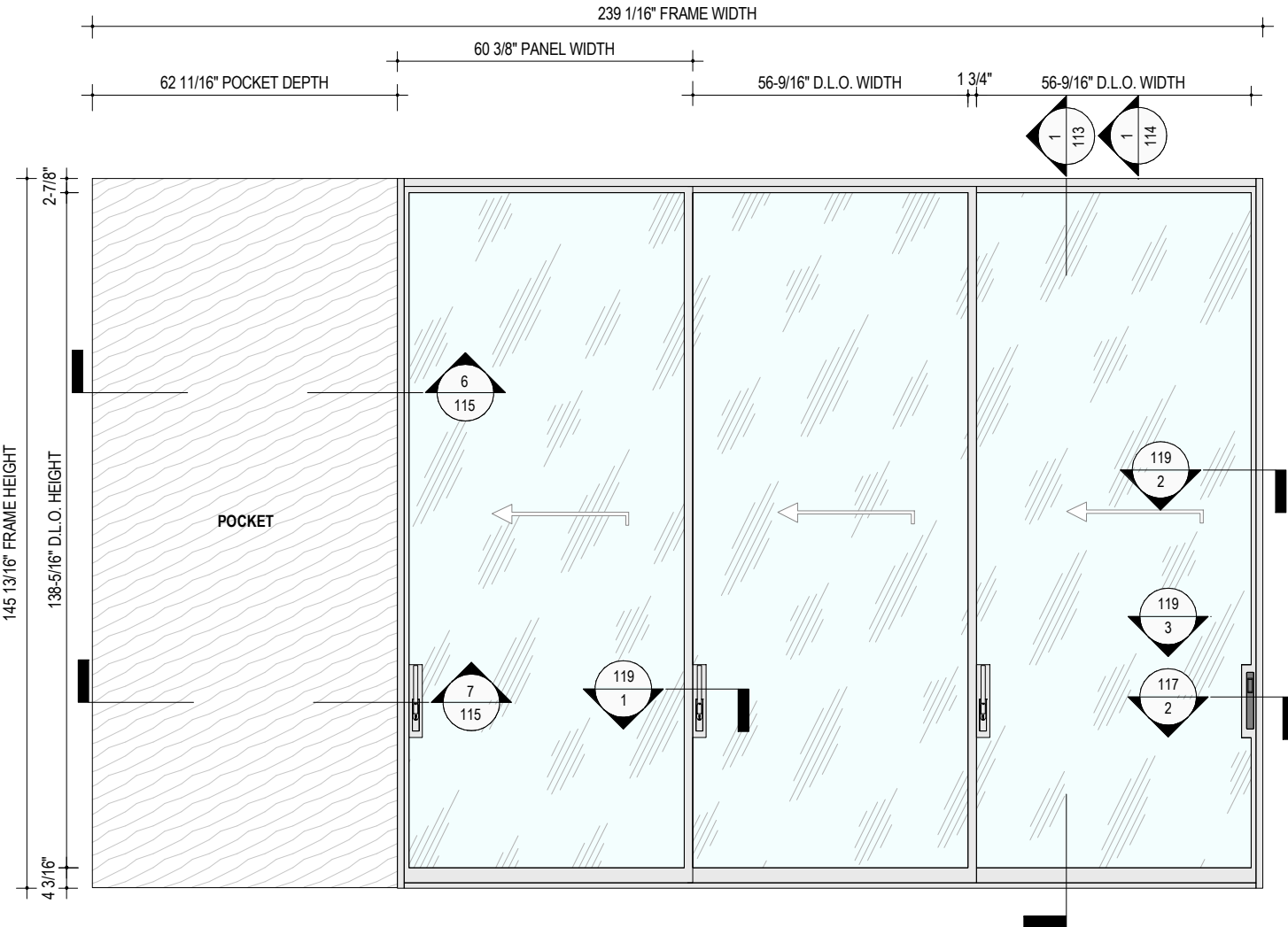
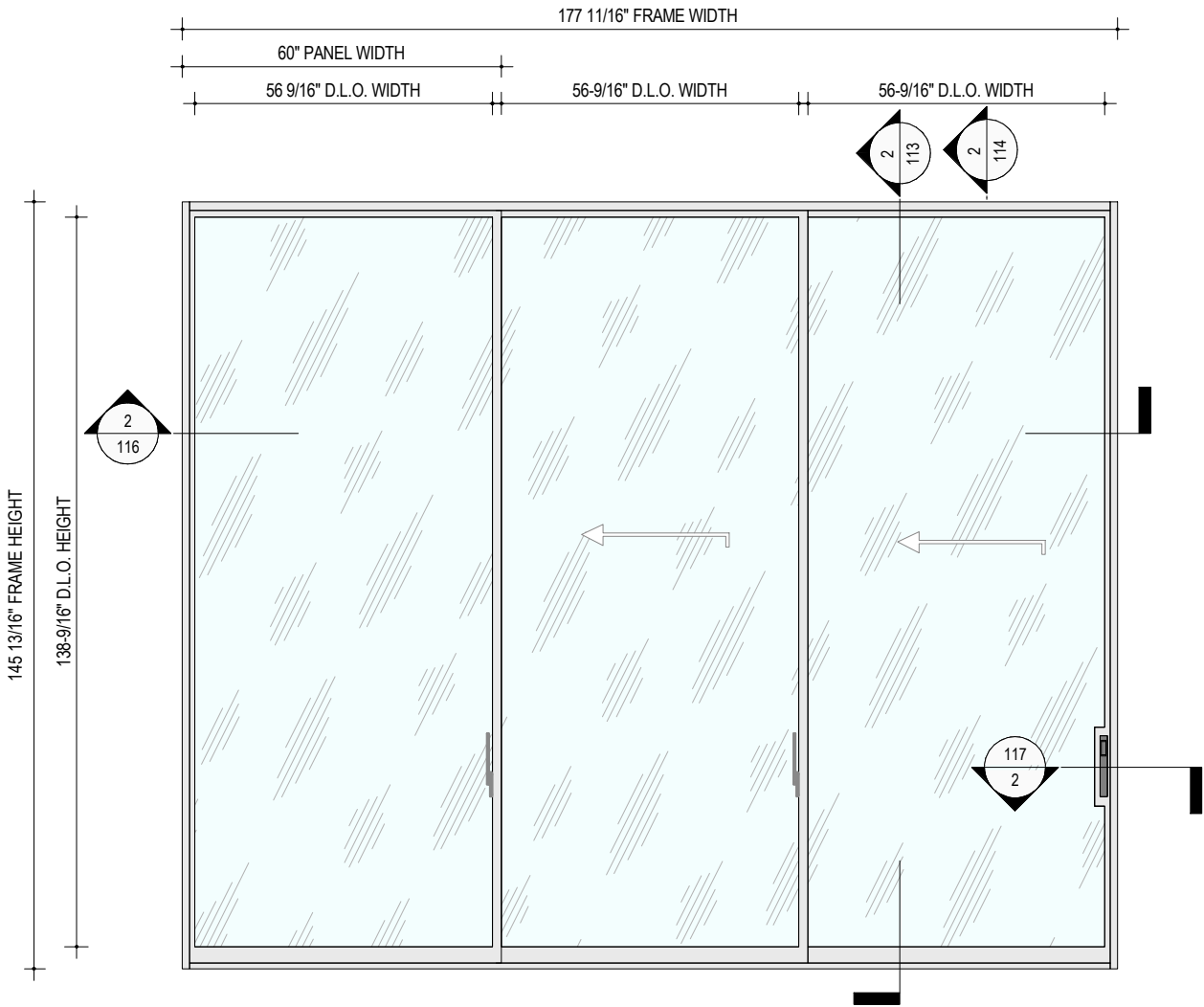
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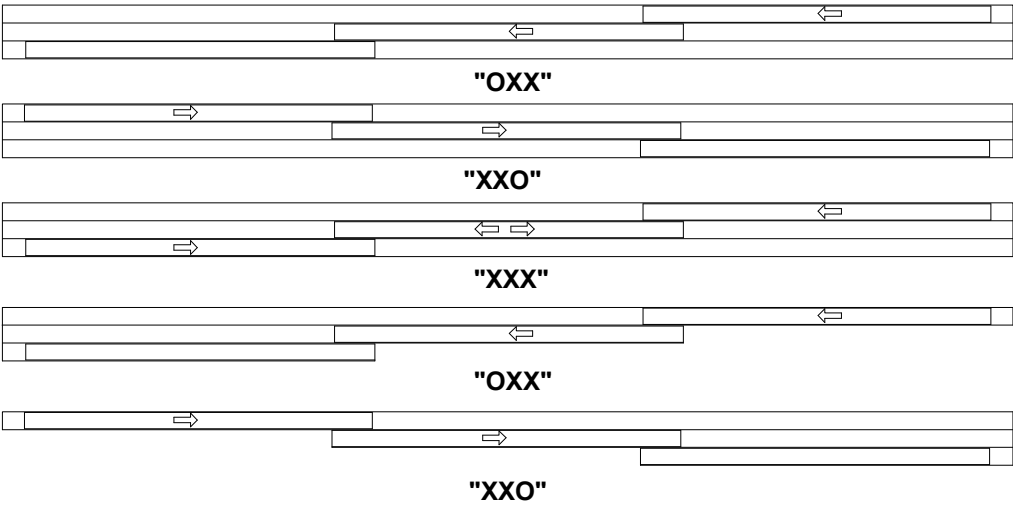
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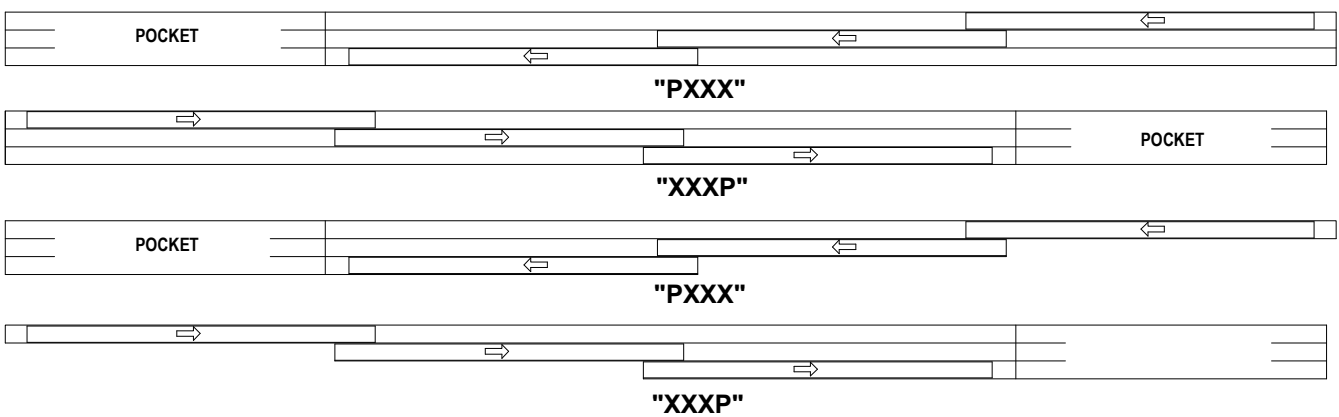


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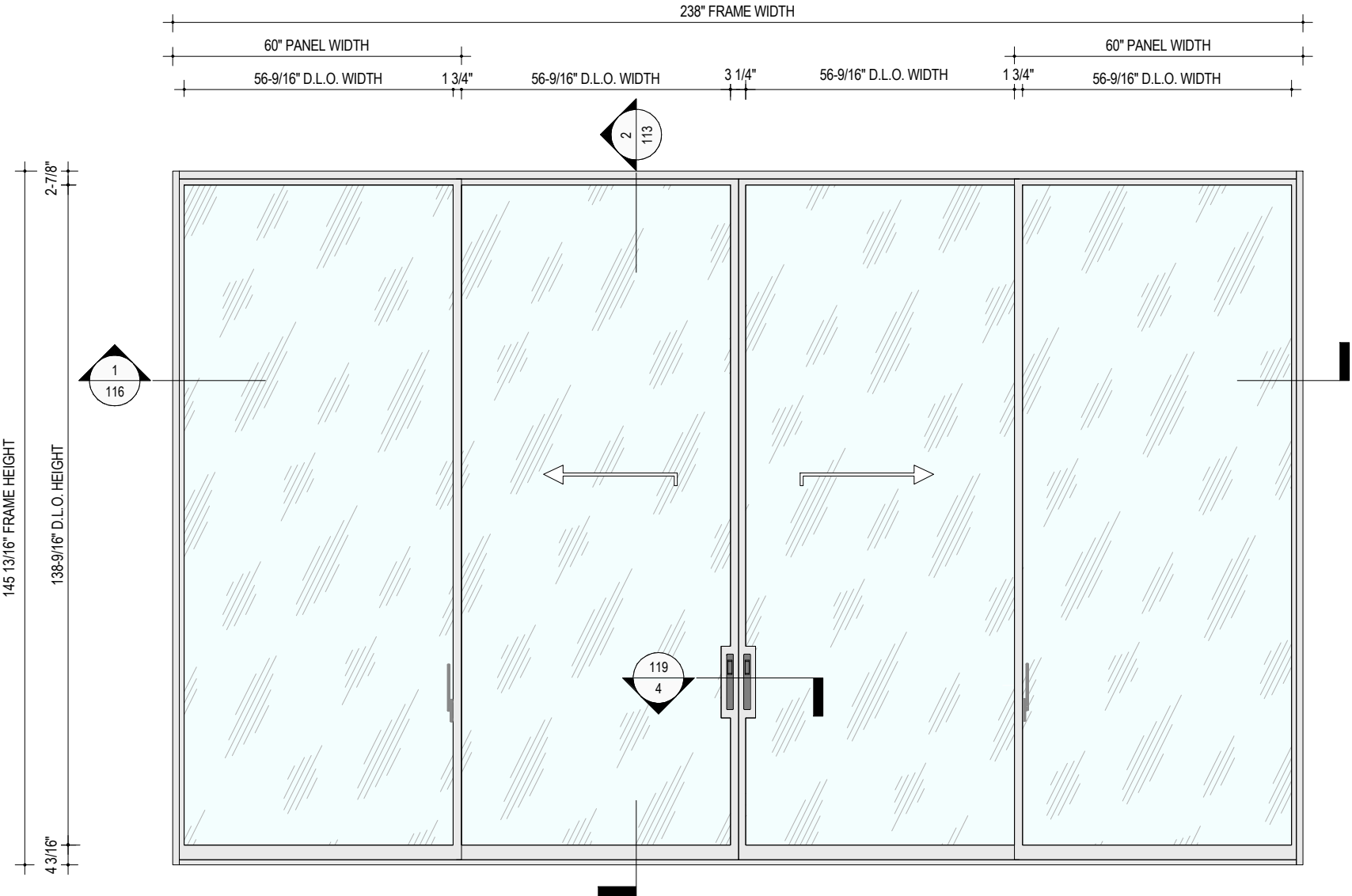


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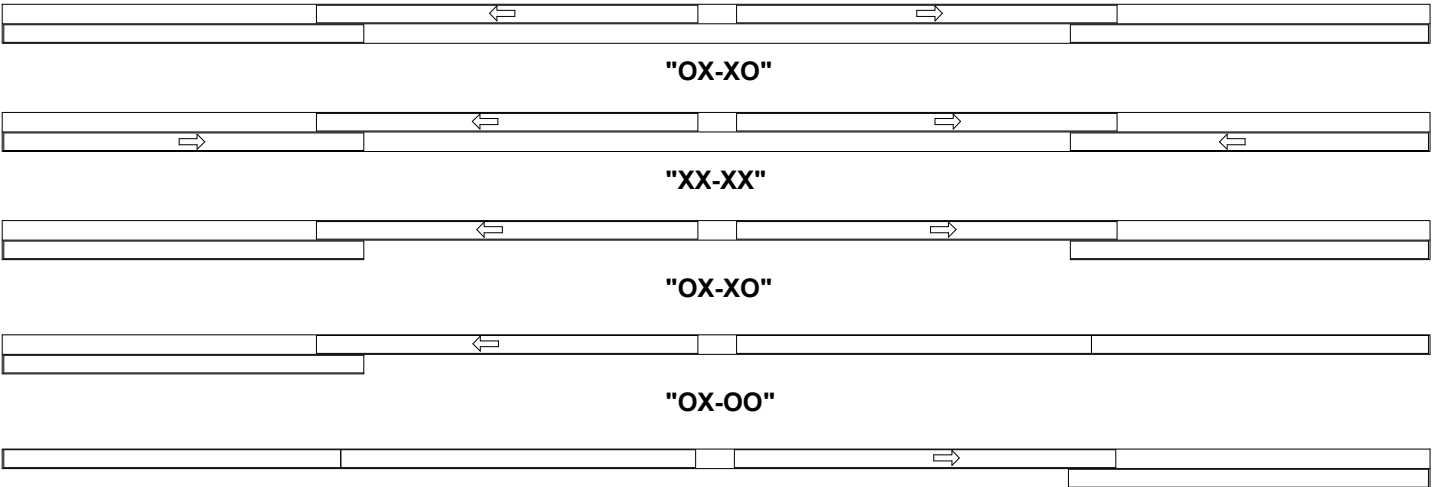
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NOT TO SCALE



OPTIONAL TRACK CONFIGURATIONS



1
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ALTERNATE ELEVATION (OX-XO)
NOT TO SCALE

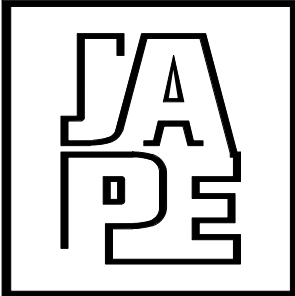


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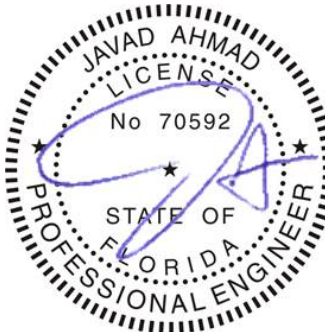
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MODEL : THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



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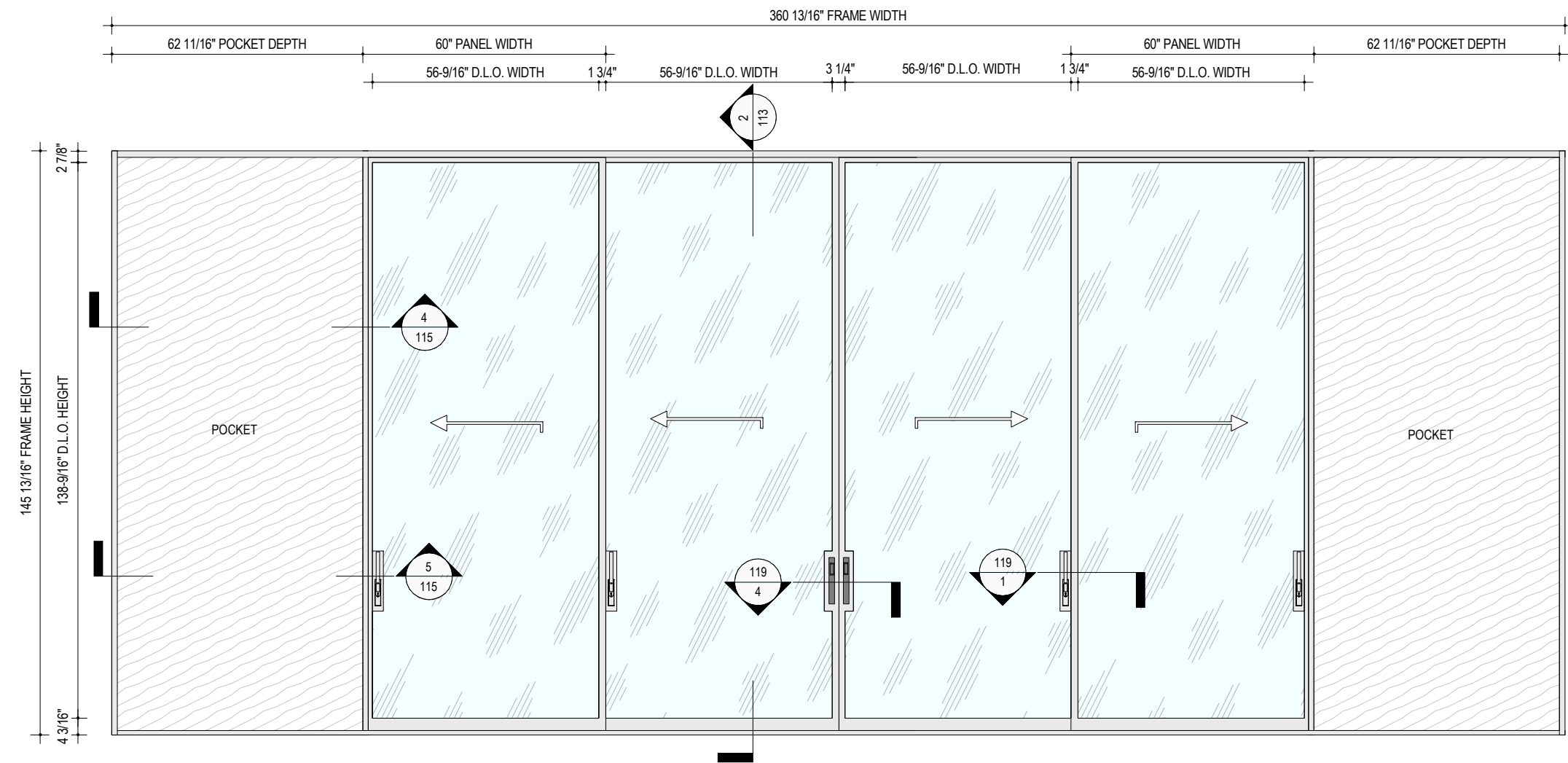
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CUSTOMER:
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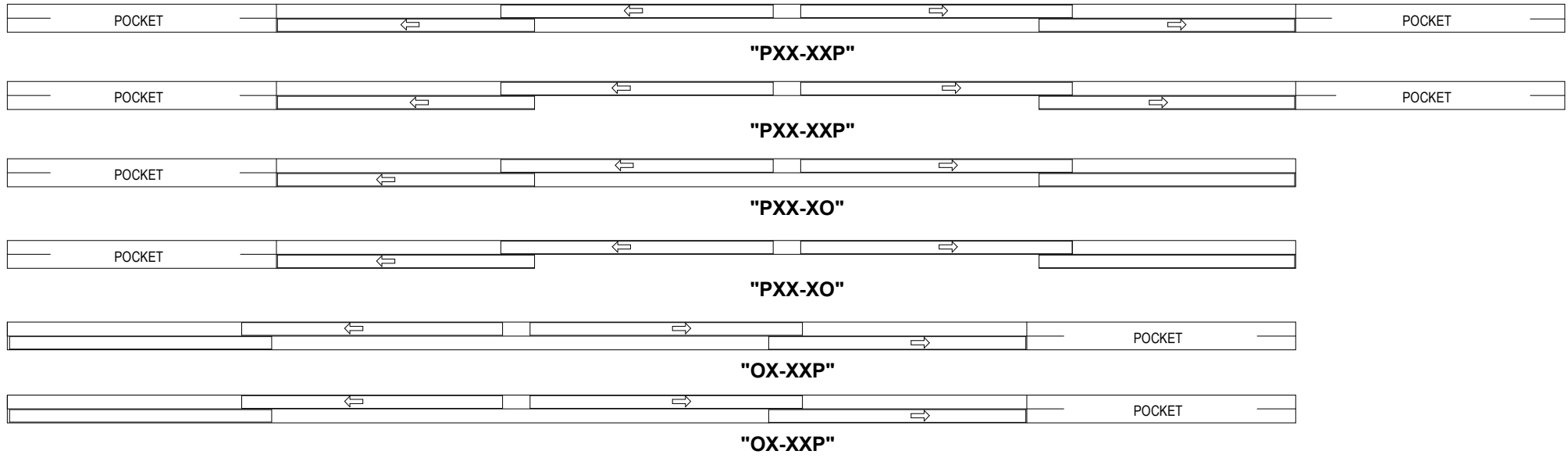
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1
107 **ALTERNATE ELEVATION (PXX-XXP)**
NOT TO SCALE

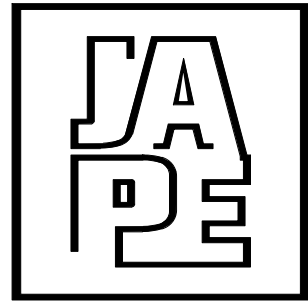


OPTIONAL TRACK CONFIGURATIONS



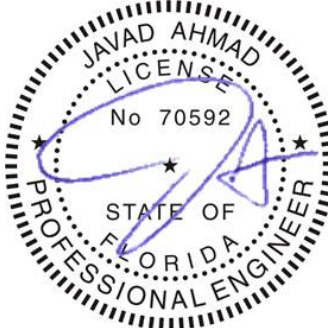
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CUSTOMER:
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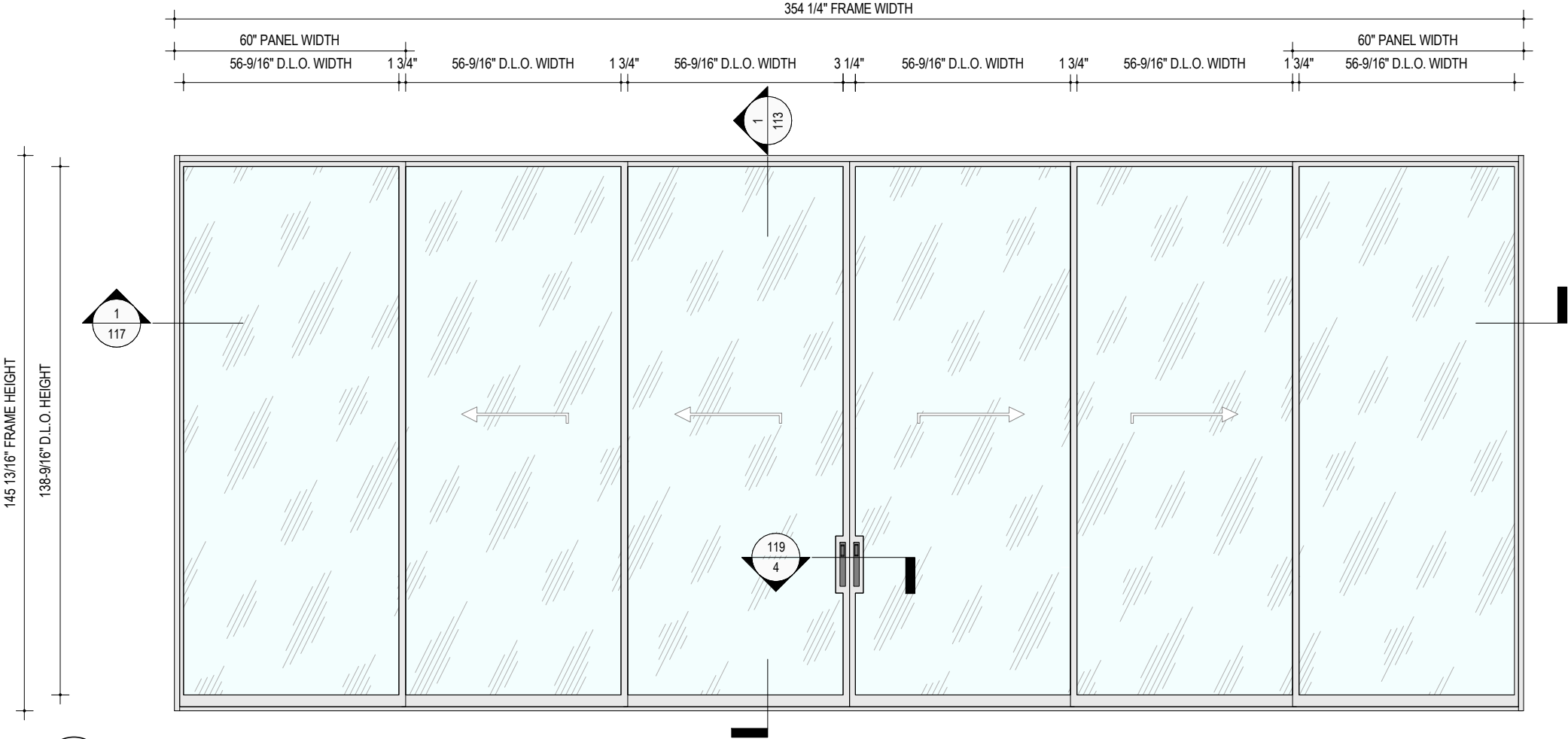
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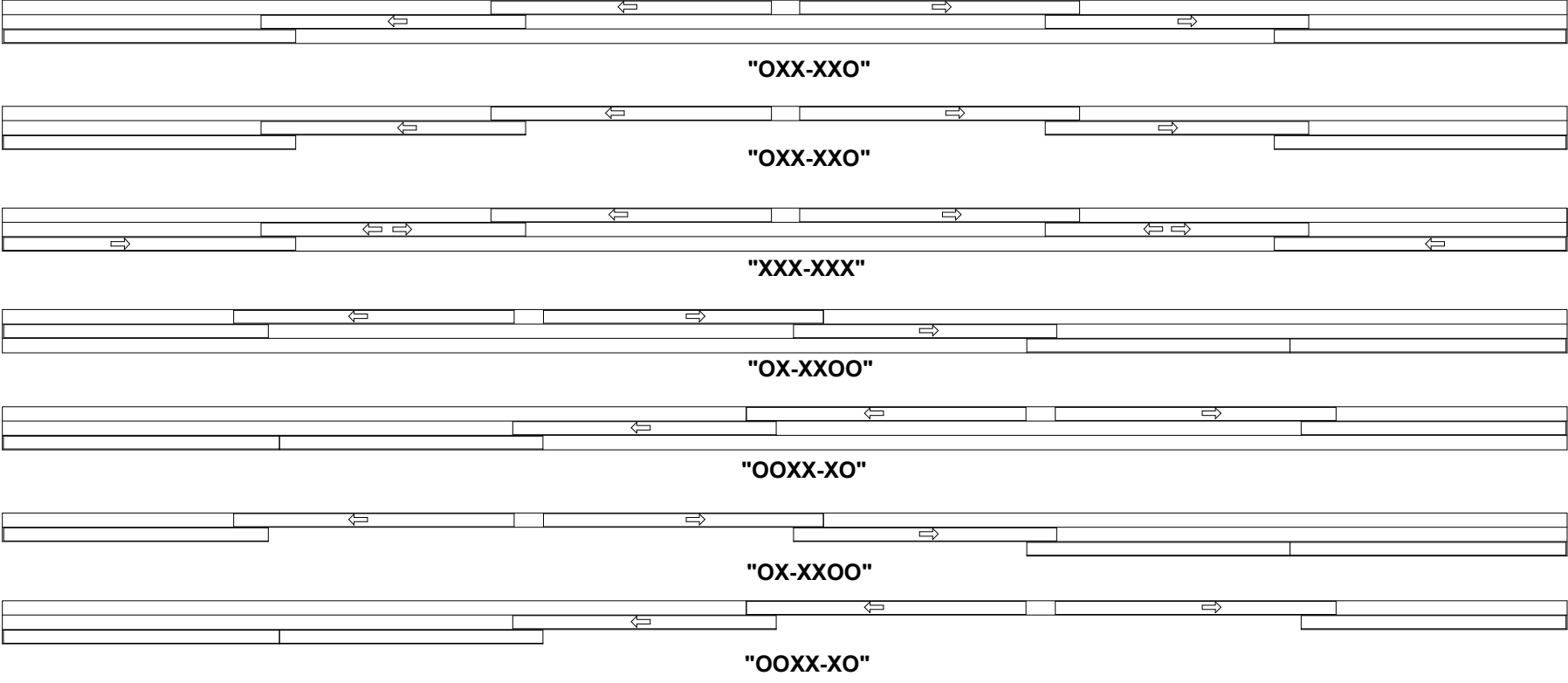
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ALTERNATE ELEVATIONS

FL# 47910.1



1
108
ALTERNATE ELEVATION (OXX-XXO)
NOT TO SCALE



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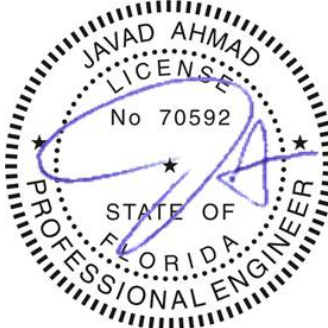
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CUSTOMER:
OPTIMUM STEEL WINDOWS AND
DOOR

PROJECT:
RTS- 430i LIFT & SLIDE DOORS

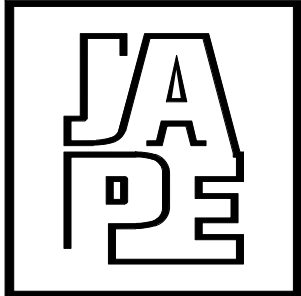
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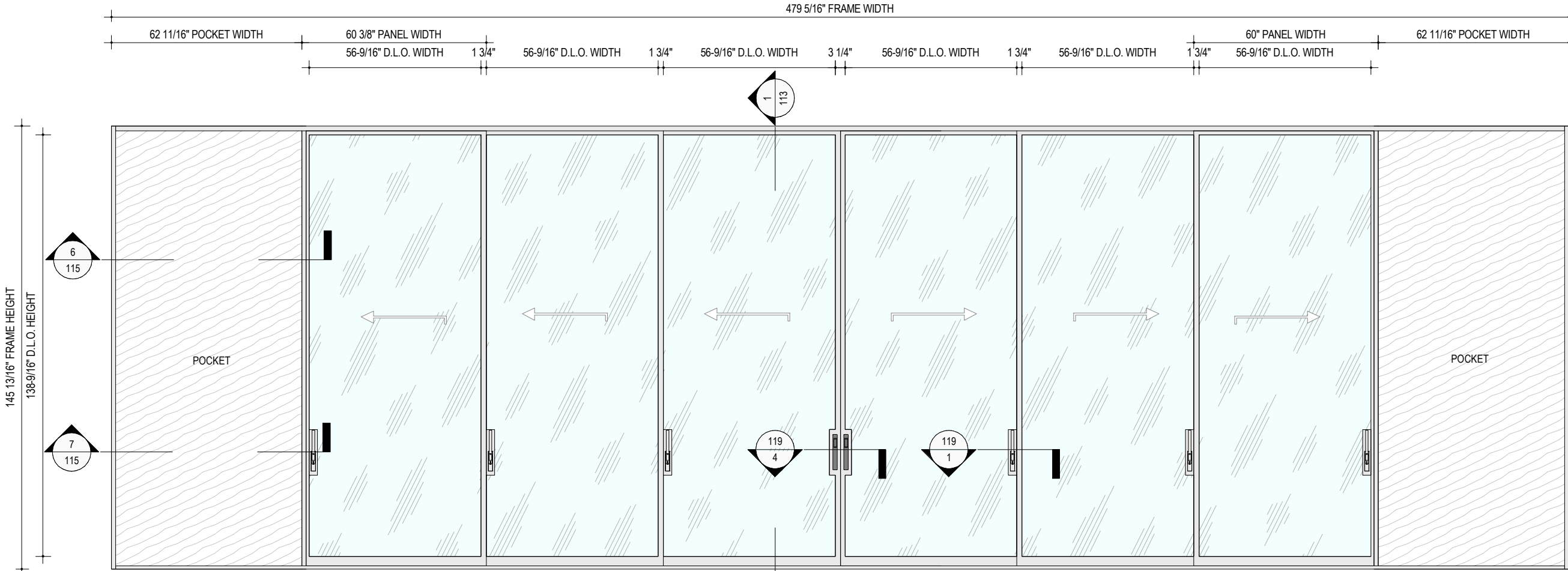
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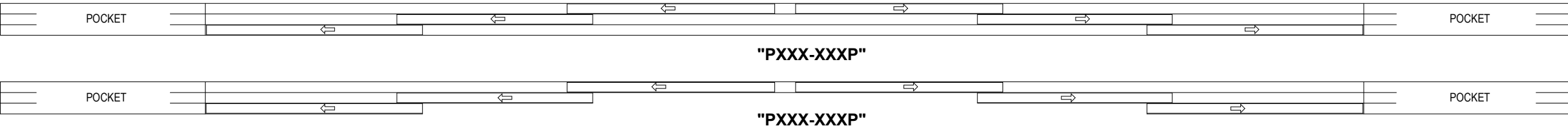
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1
109
ALTERNATE ELEVATION (PXXX-XXXP)
NOT TO SCALE

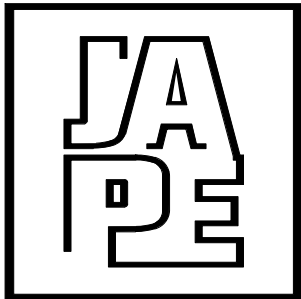


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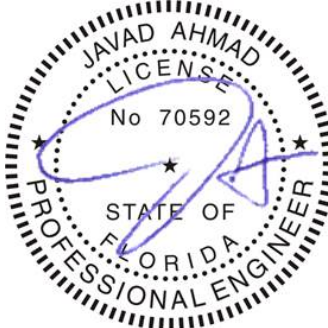
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MODEL : THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



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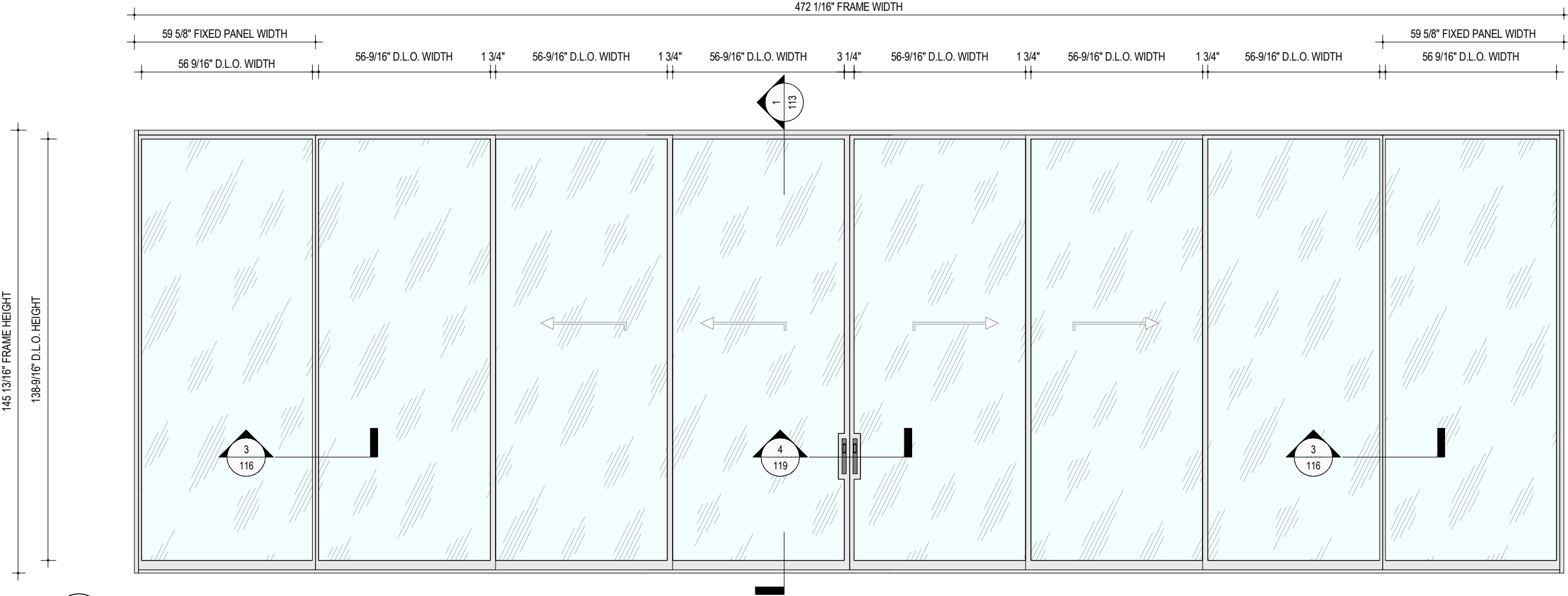
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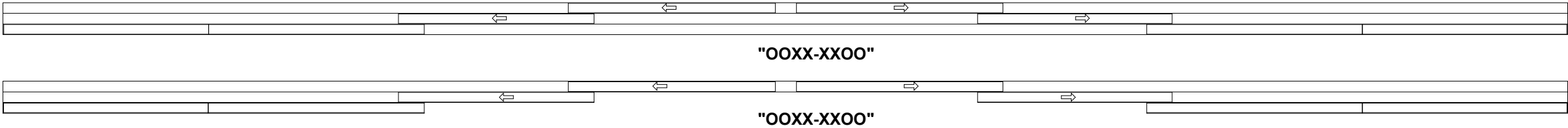
PROJECT:
RTS- 430i LIFT & SLIDE DOORS

PROJECT NUMBER
JA-1938-24

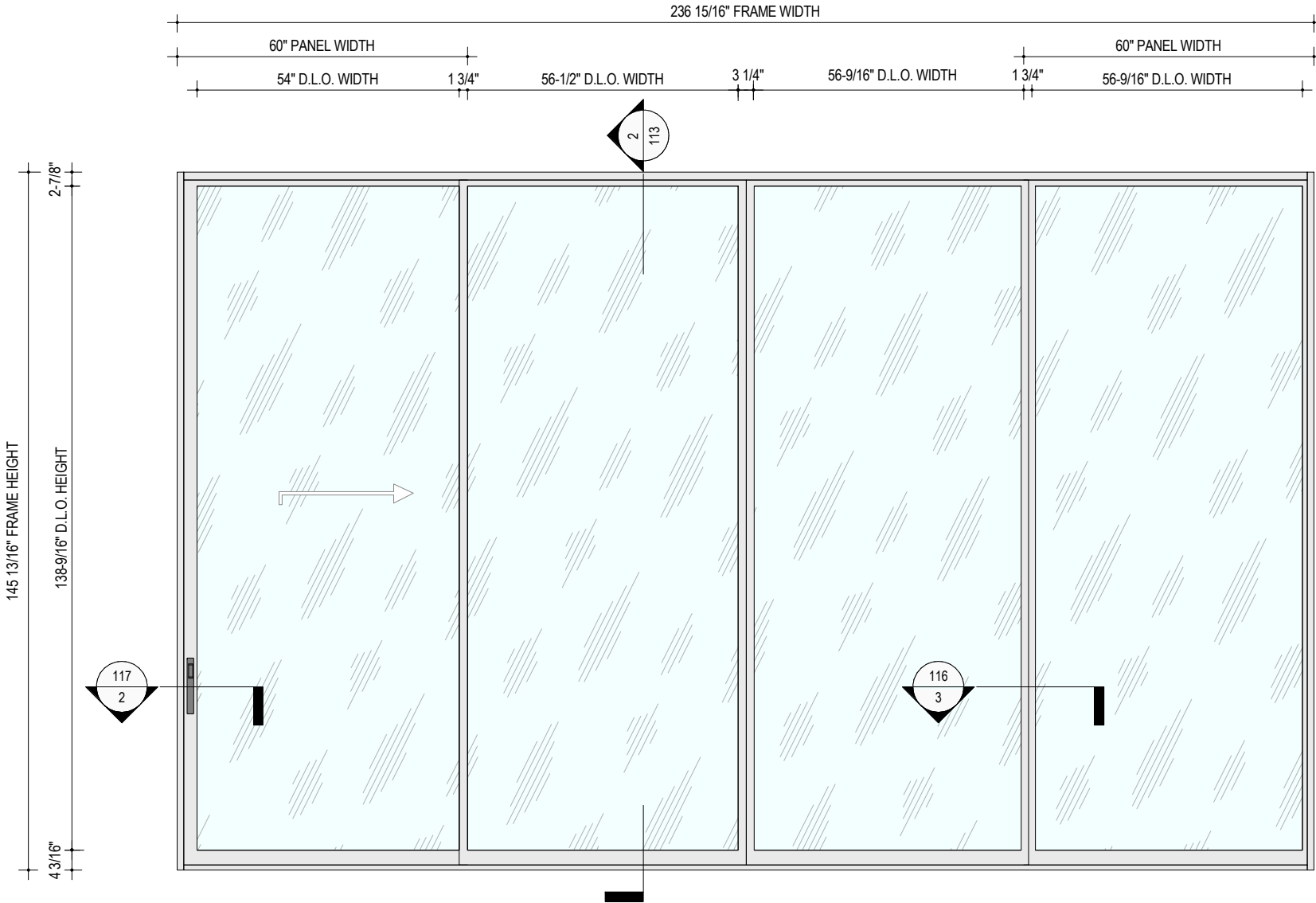
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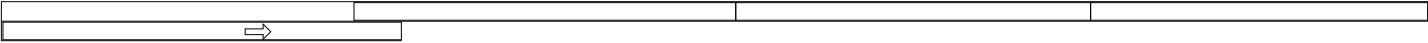
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NOT TO SCALE



OPTIONAL TRACK CONFIGURATIONS



1 ALTERNATE ELEVATION (X000)
111 NOT TO SCALE



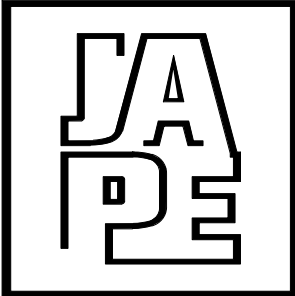
"X000"

OPTIONAL TRACK CONFIGURATIONS



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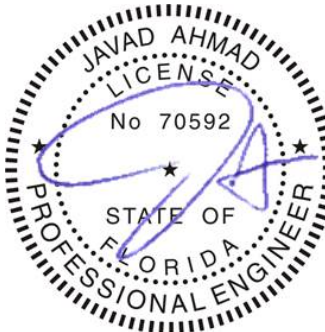
SERIES : RTS-430i
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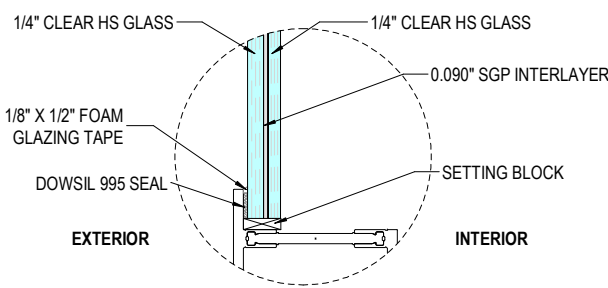
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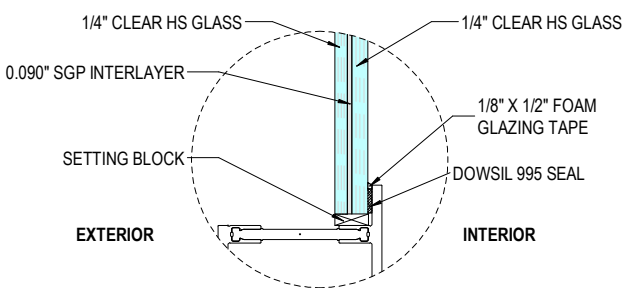
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PROJECT NUMBER
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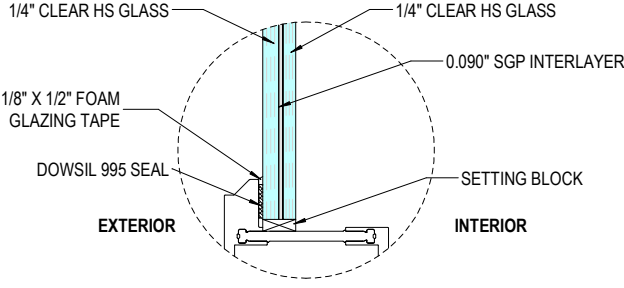
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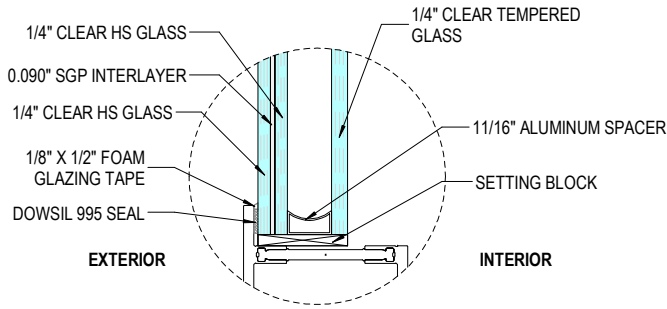
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(9/16" LAMINATED GLASS)



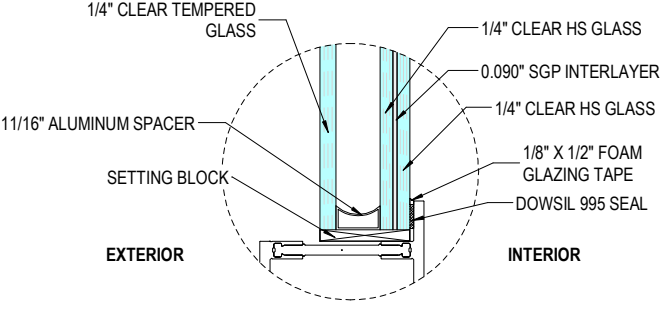
MONOLITHIC EXTERIOR GLAZED
(9/16" LAMINATED GLASS)



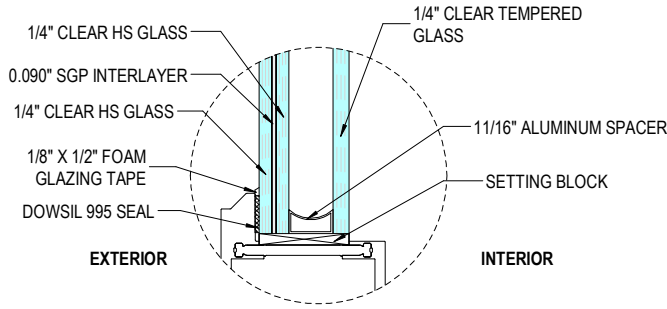
HERITAGE MONOLITHIC INTERIOR GLAZED
(9/16" LAMINATED GLASS)



INSULATED INTERIOR GLAZED
(1-1/2" INSULATED GLASS)



INSULATED EXTERIOR GLAZED
(1-1/2" INSULATED GLASS)



HERITAGE INSULATED INTERIOR GLAZED
(1-1/2" INSULATED GLASS)

GLAZING NOTES:

1. CONFIRM THE GLASS SIZE AND REBATE SIZE TO ENSURE THAT THE GLASS WILL FIT.
2. REMOVE GLAZING BEADS AND CAREFULLY LABEL SIDE AND OPENING ON EACH GLAZING BEAD REMOVED. *GLAZING BEADS ARE CUT TO SIZE AND ARE NOT INTERCHANGEABLE AMONGST UNITS.
3. CLEAN GLAZING/GRID REBATE WITH ISOPROPYL ALCOHOL.
4. CAREFULLY APPLY GLAZING PRIMER ALONG GLAZING/GRID REBATE. APPLY DOUBLE-SIDED FOAM GLAZING TAPE AROUND THE PERIMETER OF THE GLAZING/GRID REBATE. (REFER TO SHOP DRAWING DETAILS FOR SIZE AND PLACEMENT.)
5. PLACE SETTING BLOCKS AS NECESSARY. CAREFULLY SCORE ANY SETTING BLOCKS THAT BYPASS GLAZING. VERIFY THAT SETTING BLOCK LOCATIONS CROSS BLOCK WHERE INDICATED. (REFER TO SETTING BLOCK LAYOUT FOR PLACEMENT.)
6. INSPECT AND CLEAN GLASS PRIOR TO PLACEMENT OF GLASS.
7. CAREFULLY APPLY GLAZING PRIMER TO GLASS AREAS THAT MEET BOTH THE GLAZING/GRID TAPE.
8. REMOVE GLAZING TAPE LINER.
9. CAREFULLY INSTALL GLASS INTO GLAZING POCKET.
10. REINSTALL GLAZING BEAD ALONG THE INTERIOR. (REFER TO GLAZING DETAILS PROVIDED IN SHOP DRAWING SECTION DETAILS.) *GLAZING BEADS ARE CUT TO SIZE AND ARE NOT INTERCHANGEABLE AMONGST UNITS.
11. IT IS STRONGLY RECOMMENDED THAT THE SILICONE EXTERIOR SEALANT APPLIED IMMEDIATELY AROUND THE PERIMETER AND GLASS-TO-METAL LOCATIONS, INCLUDING CAP-BEADING THE SIMULATED DIVIDED LITES (SDL'S) TO PREVENT THE GLASS FROM SHIFTING AFTER IT'S INSTALLED AND CROSSED BLOCK.
12. NEOPRENE SETTING BLOCK, DUROMETER 70-90 SHORE A, TO BE USED FOR PROPER GLAZING SUPPORT AND LOAD DISTRIBUTION.
13. 7/16" LAMINATED GLASS AVAILABLE, CONSULT WITH GLAZING SUPPLIER FOR AVAILABILITY AND LIMITATIONS.

NOTE :

- LAMINATED BOARD TO BE INTERCHANGEABLE WITH INTERIOR AND EXTERIOR BOARD.

INSULATED GLAZING BEAD OPTION					
GB1	GB3	GB18	GB20	GB31	GB35

MONOLITHIC GLAZING BEAD OPTION				
GB1-L	GB18-L	GB52	GB55	GB58

SIMULATED DIVIDED LITE OPTION			
SDL-1	SDL-2	SDL-FLAT	T-SDL



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MODEL: THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



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PROJECT:
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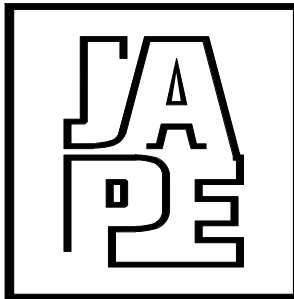
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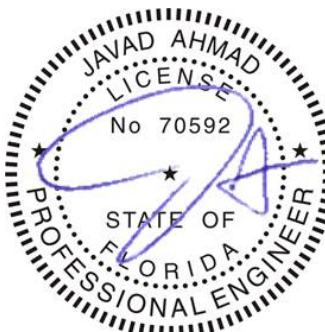
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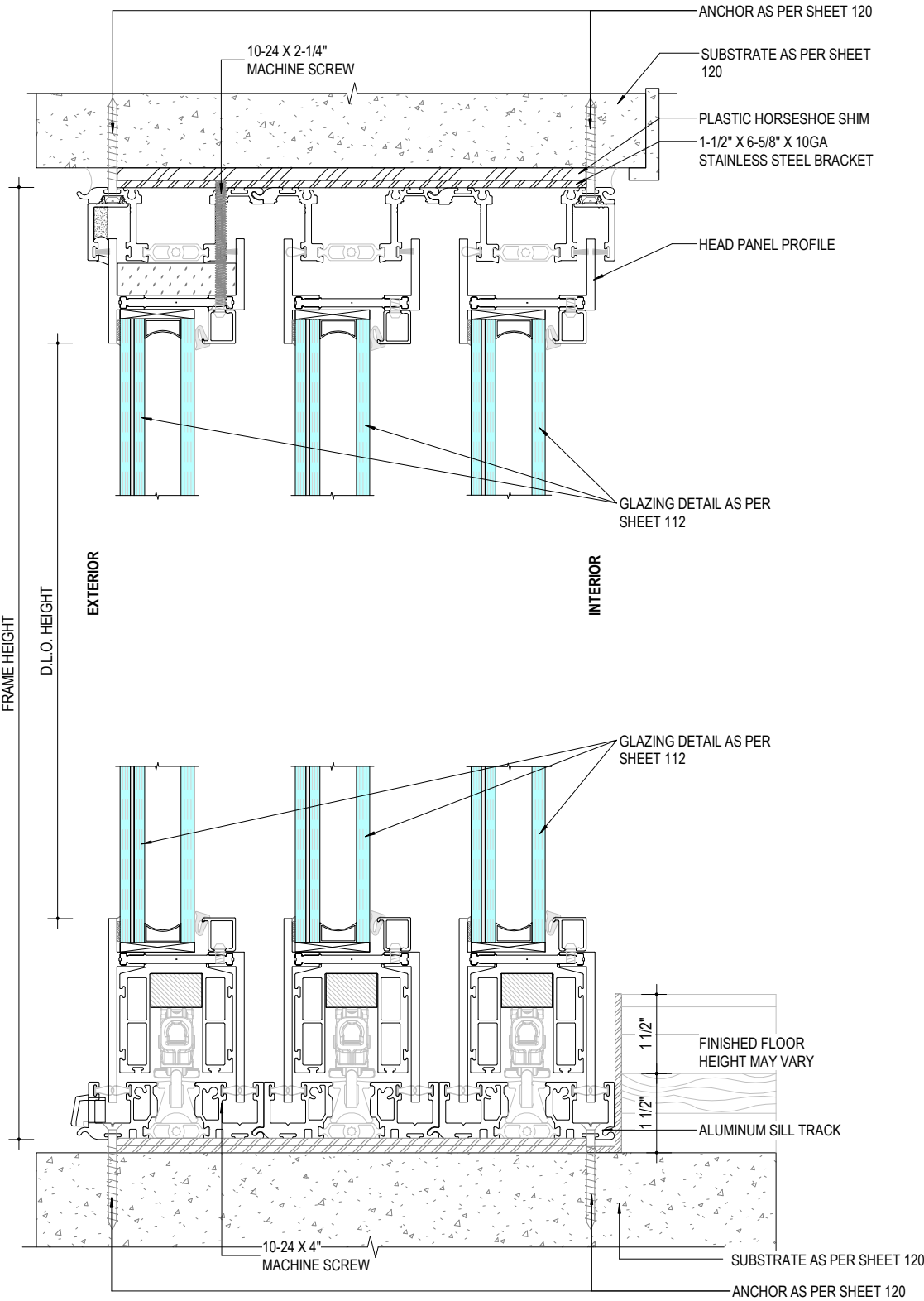
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PROJECT:
RTS- 430i LIFT & SLIDE DOORS

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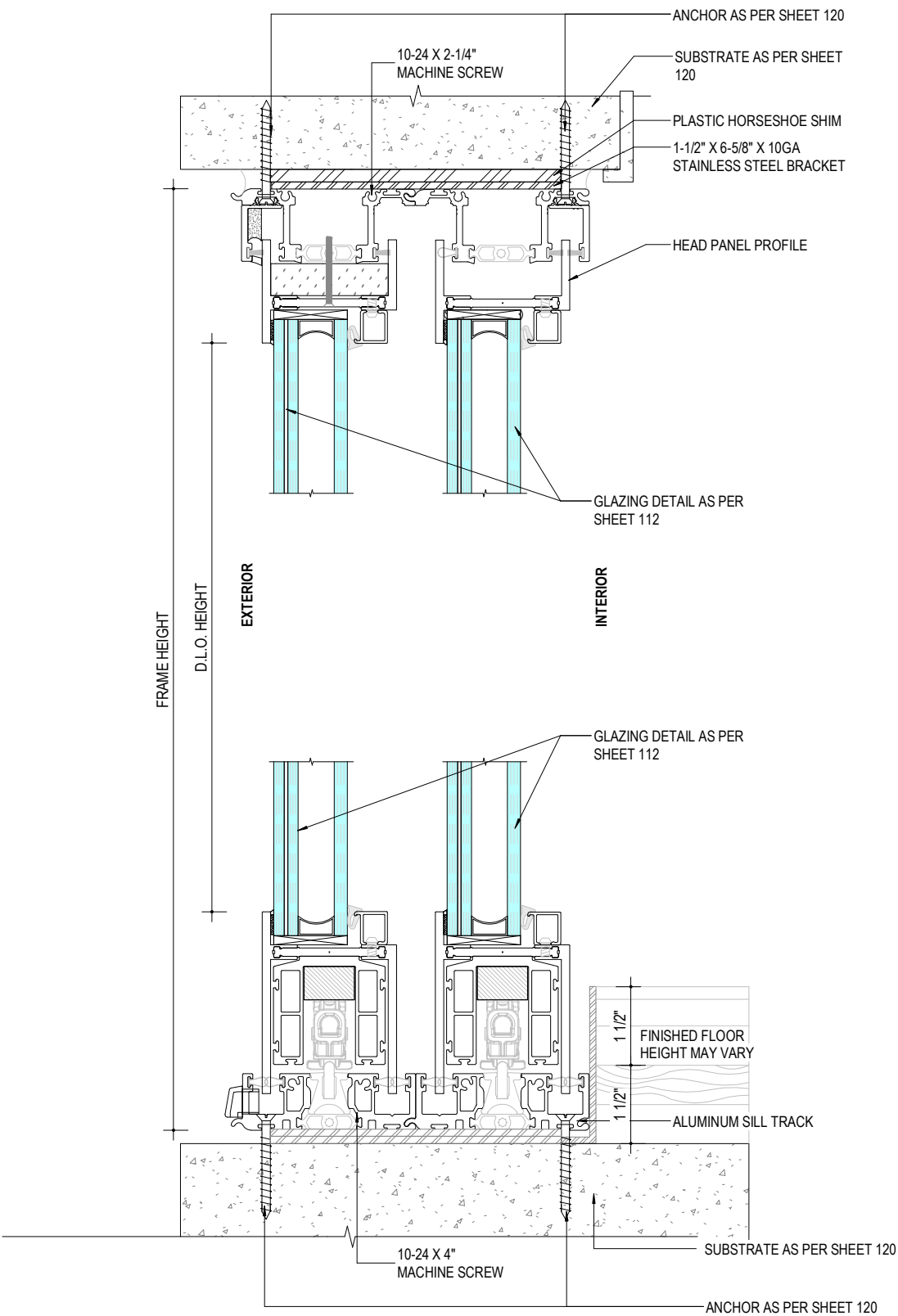


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113

3- TRACK SLIDER (VERTICAL SECTION)

NOT TO SCALE



2

113

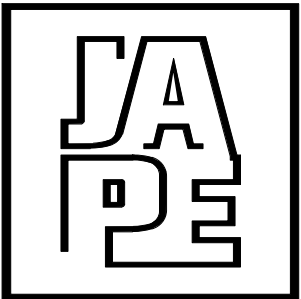
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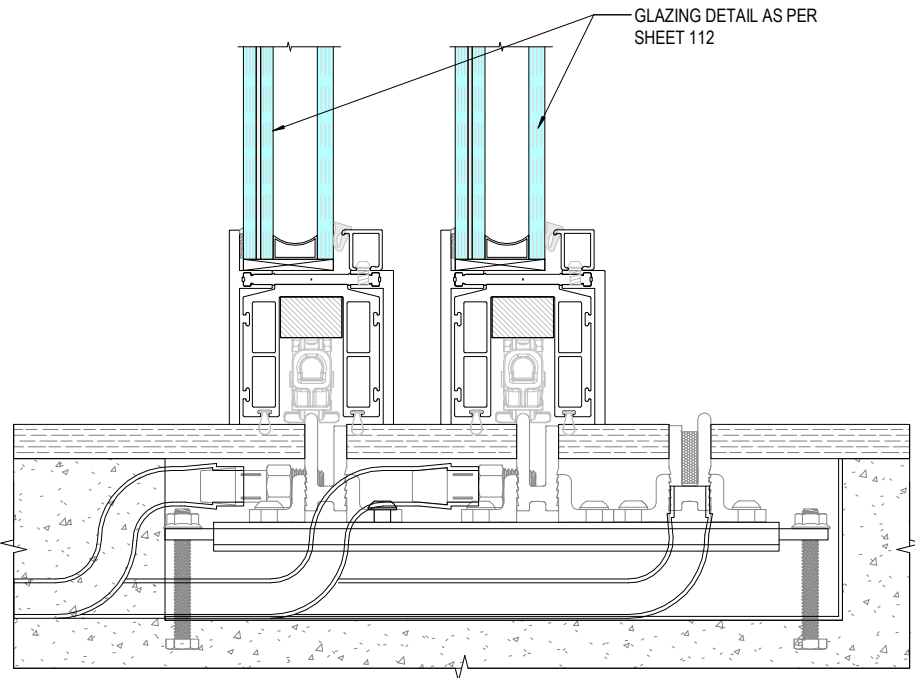
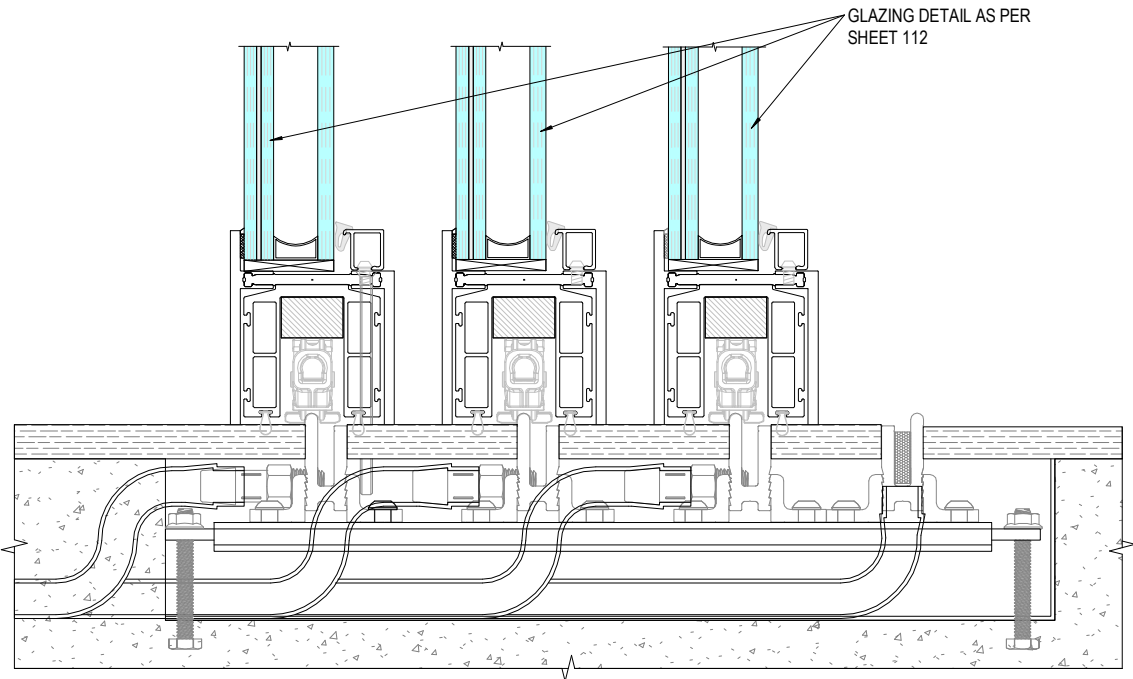
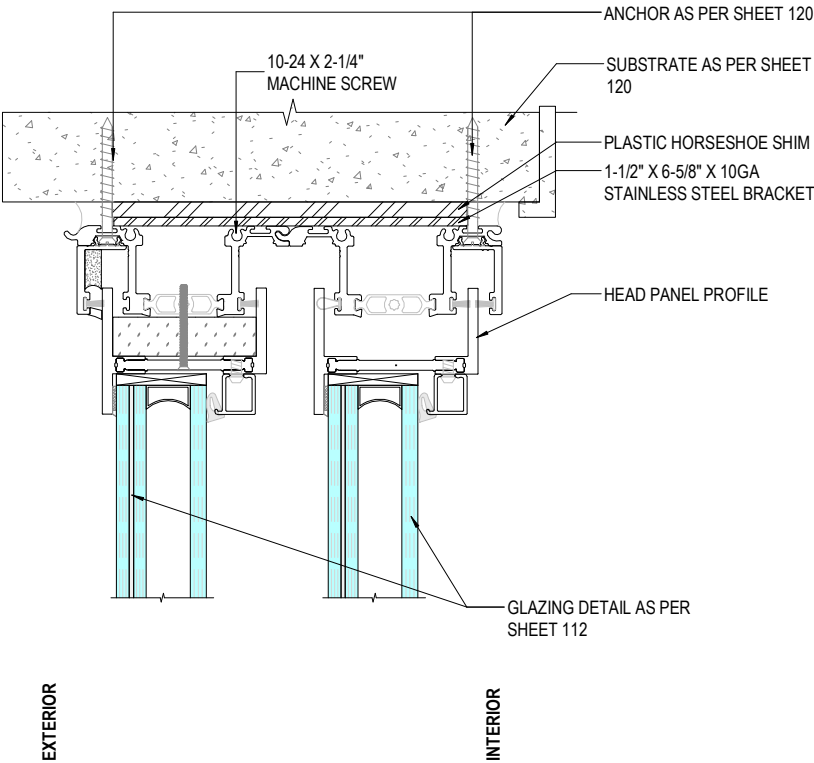
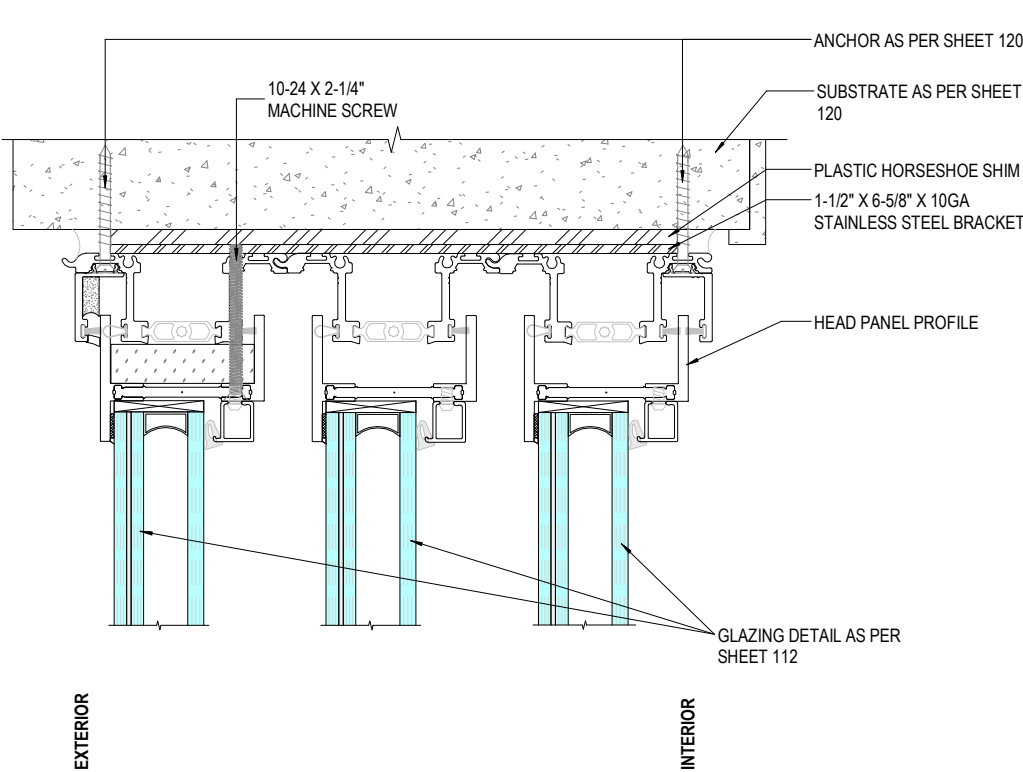
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PROJECT:
RTS- 430i LIFT & SLIDE DOORS

PROJECT NUMBER
JA-1938-24

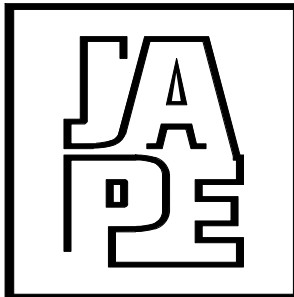
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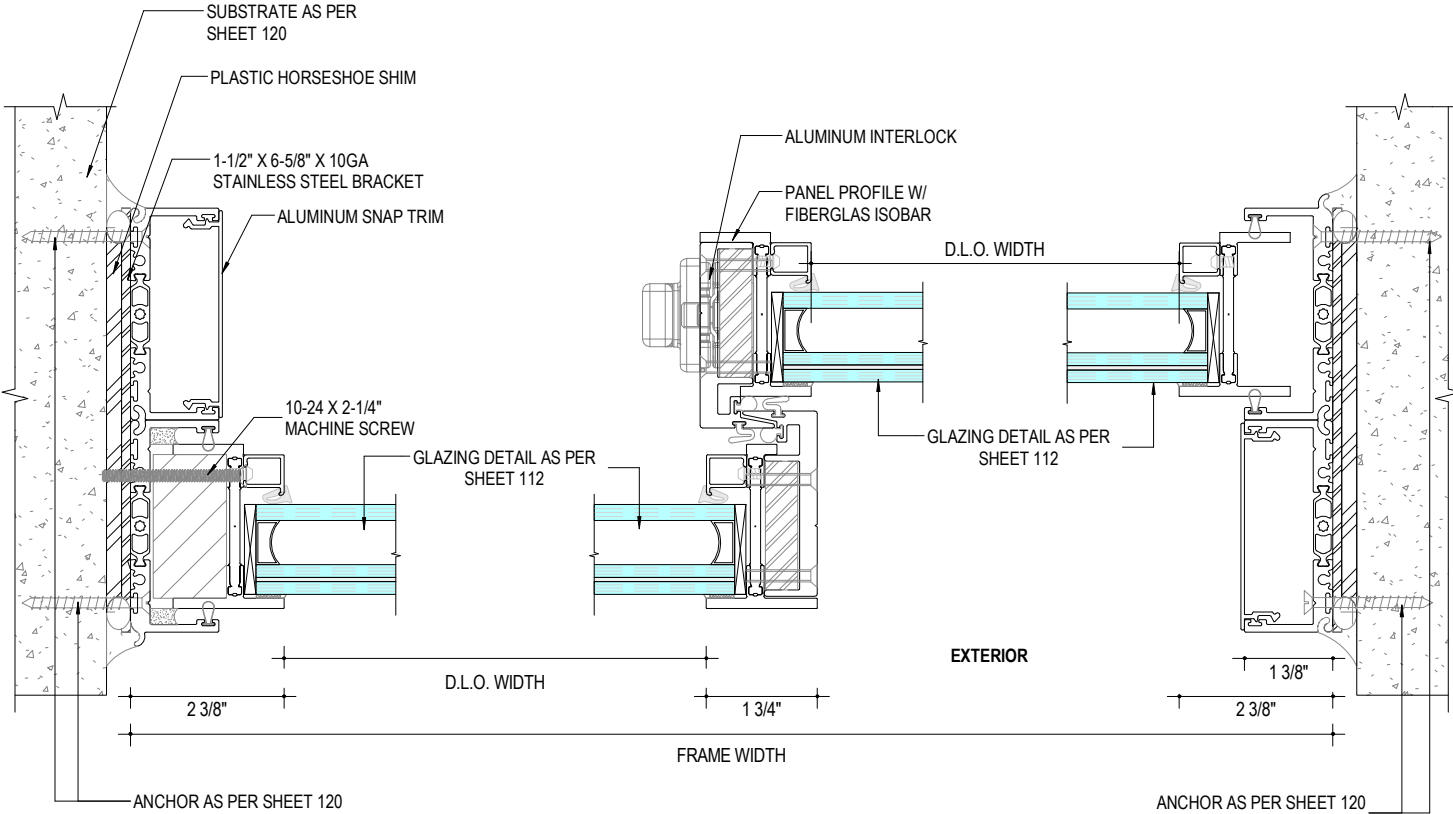
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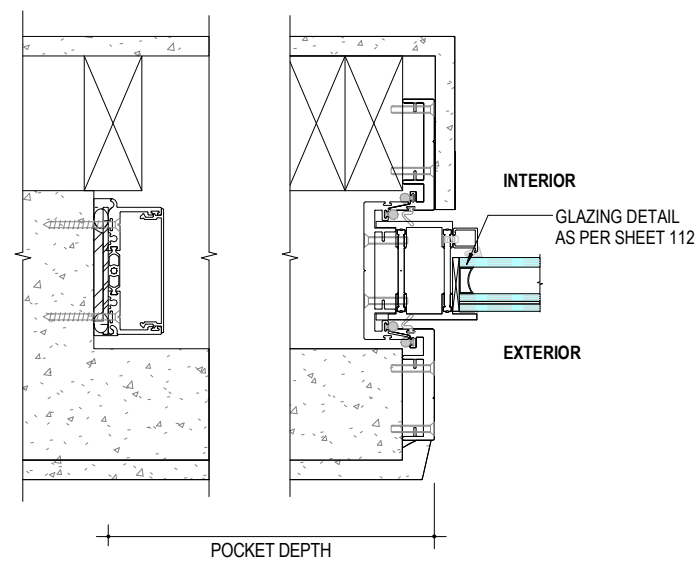
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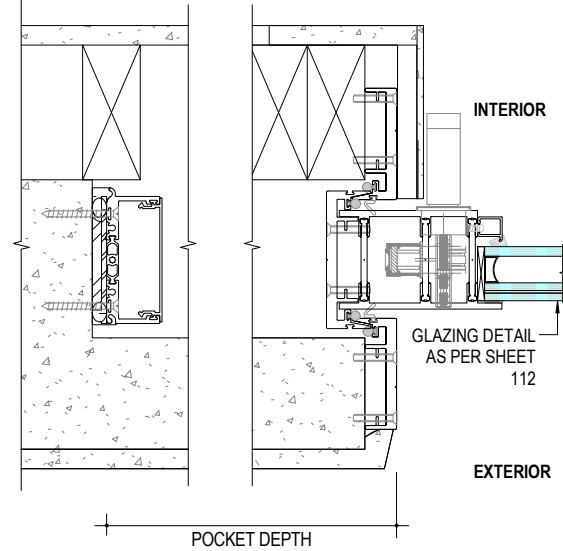
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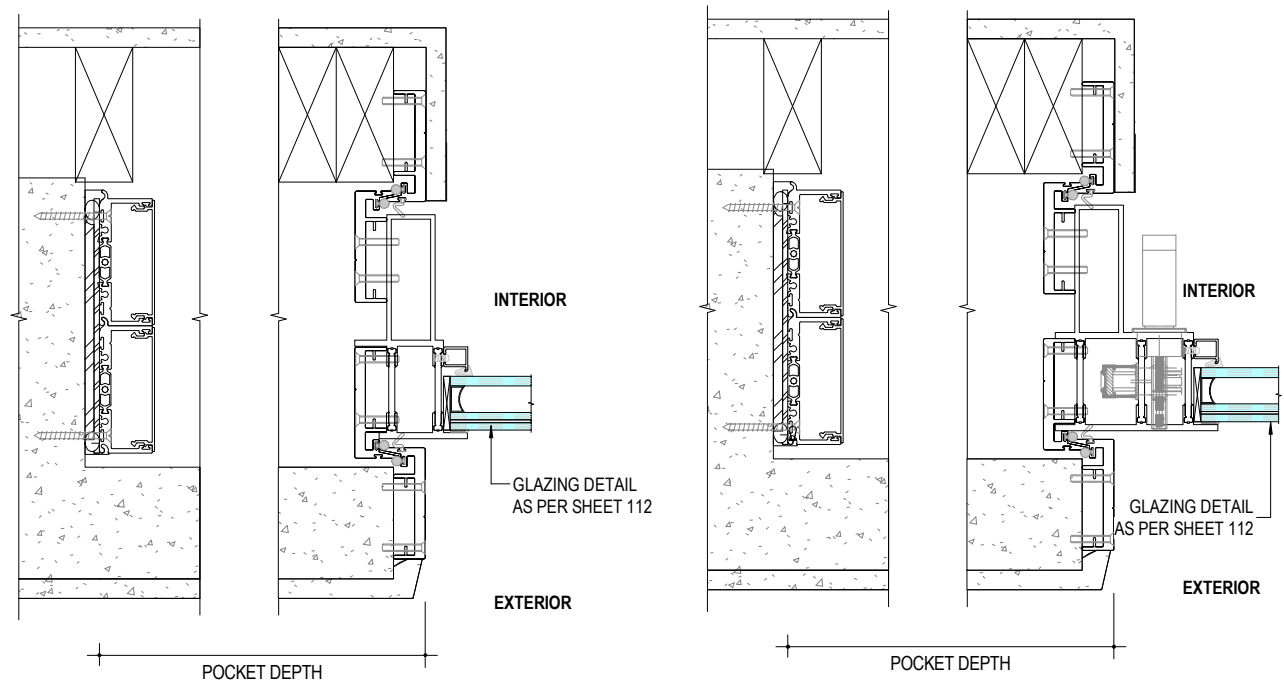
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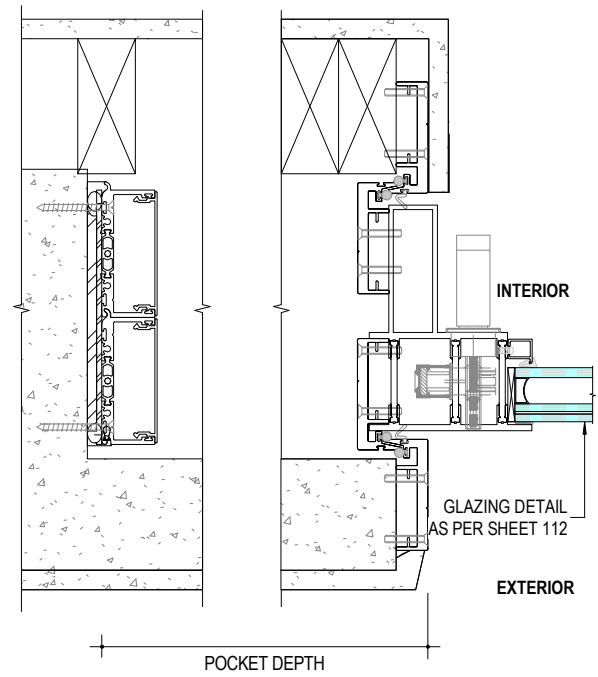
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115 NOT TO SCALE



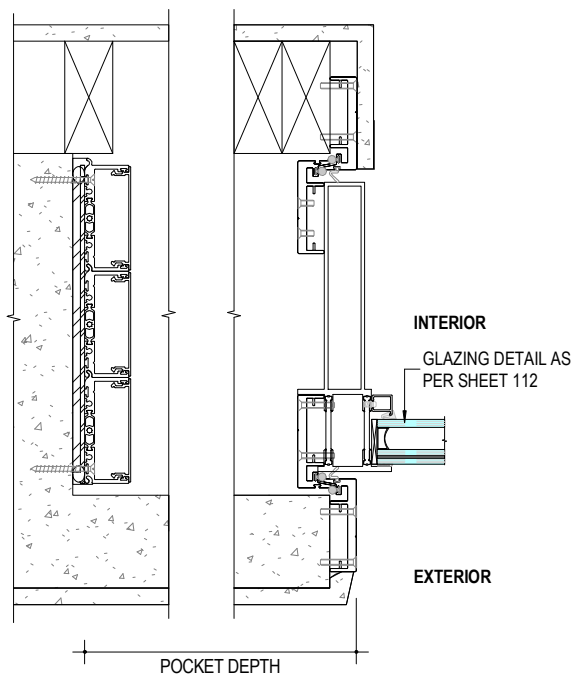
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115 NOT TO SCALE



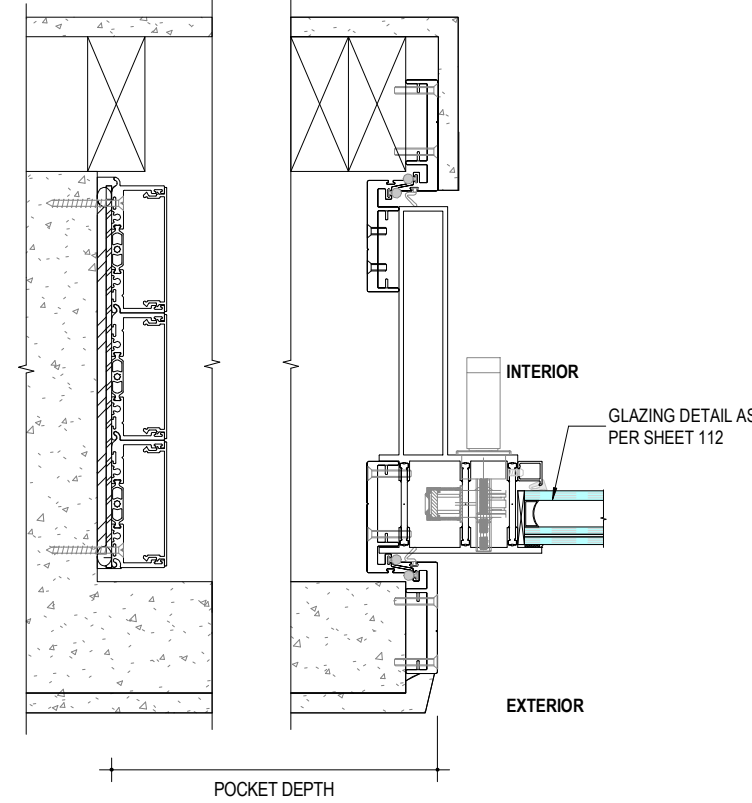
4 2-PANEL POCKET JAMB
115 NOT TO SCALE



5 2-PANEL POCKET JAMB AT LOCKBOX
115 NOT TO SCALE



6 3-PANEL POCKET JAMB
115 NOT TO SCALE

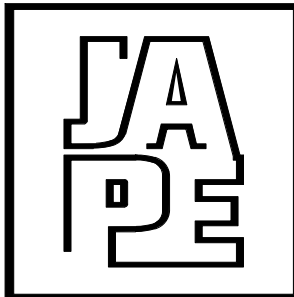


7 3-PANEL POCKET JAMB AT LOCKBOX
115 NOT TO SCALE



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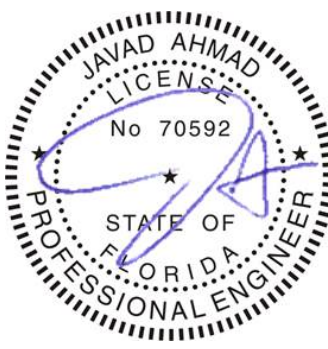
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MODEL: THERMALLY BROKEN STEEL
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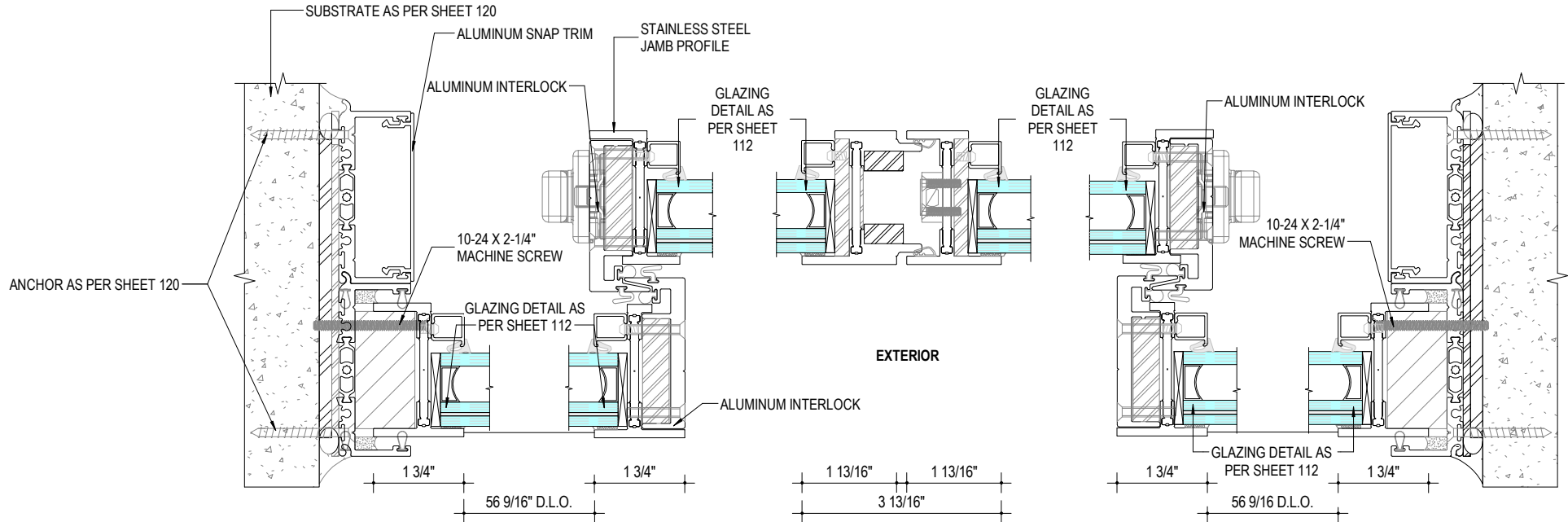
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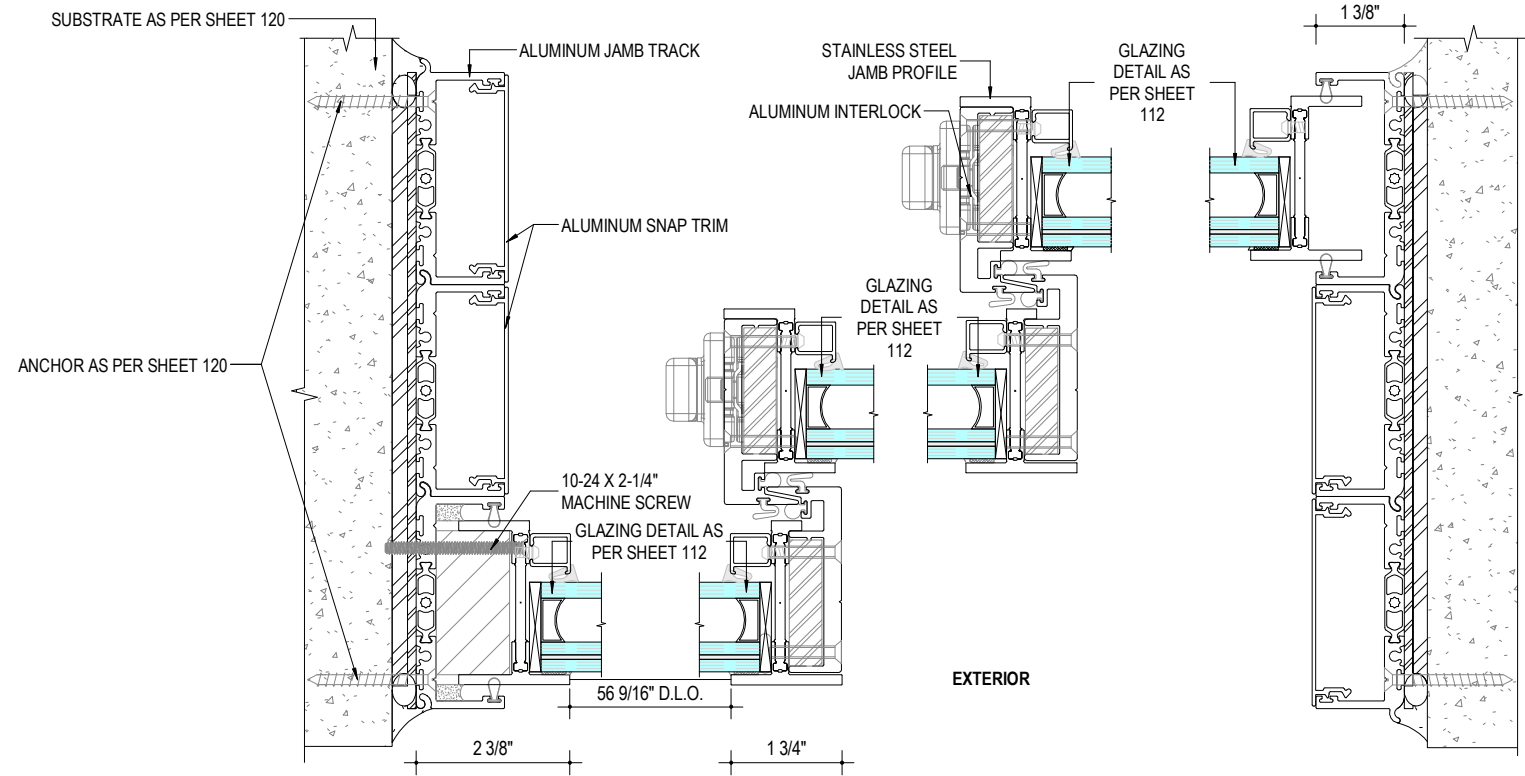
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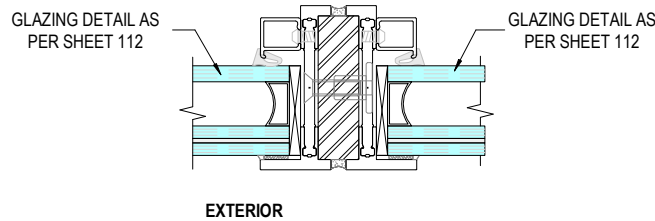
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NOT TO SCALE



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116 3- PANEL SLIDER (HORIZONTAL SECTION)
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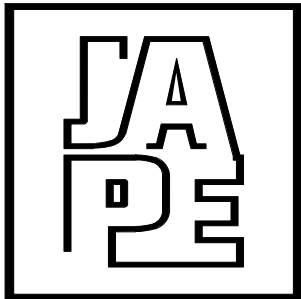


3
116 FIXED PANEL JOINING MULLION
NOT TO SCALE



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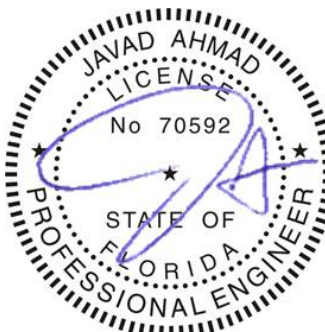
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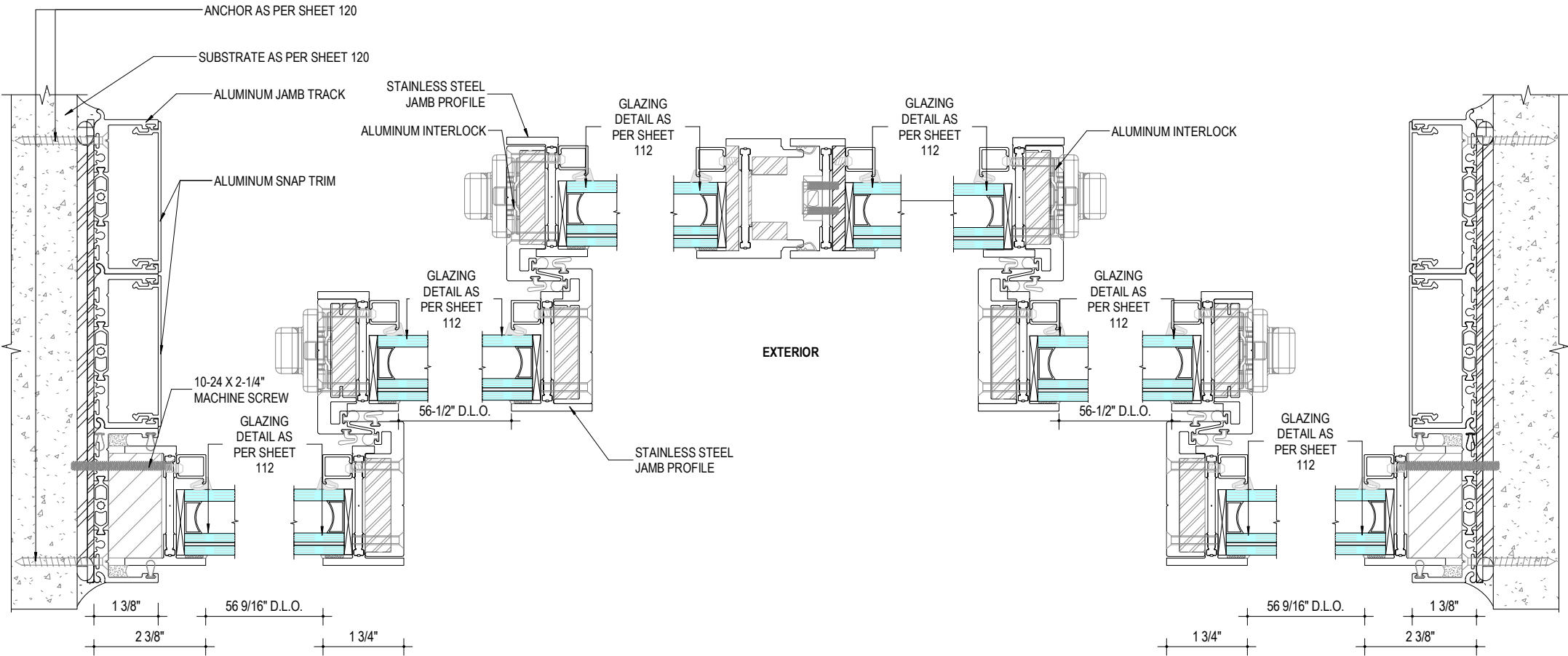
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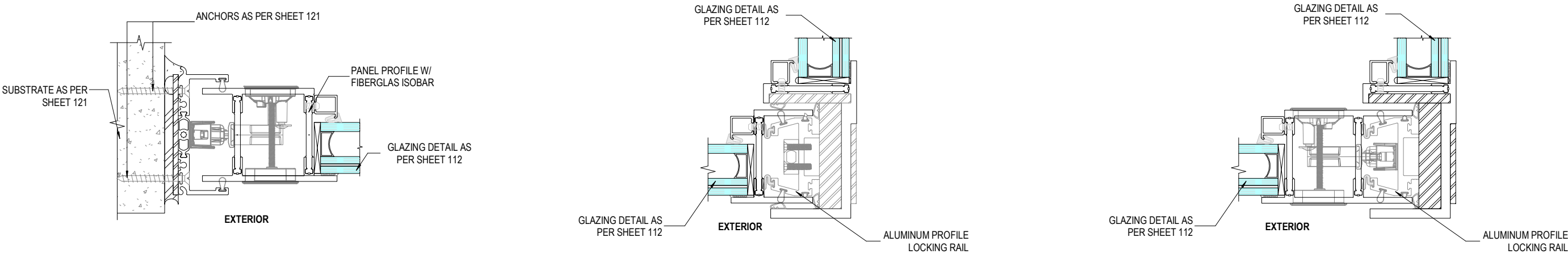
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1 117 6-PANEL SLIDER (HORIZONTAL SECTION)
NOT TO SCALE



2 117 SLIDER JAMB AT LOCKBOX (HORIZONTAL SECTION)
NOT TO SCALE

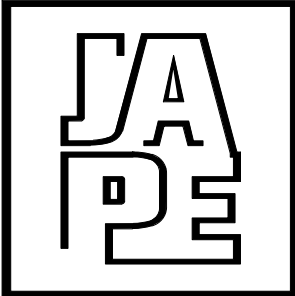
3 117 90 DEGREE MEETING RAIL
NOT TO SCALE

4 117 90 DEGREE MEETING RAIL AT LOCKBOX
NOT TO SCALE



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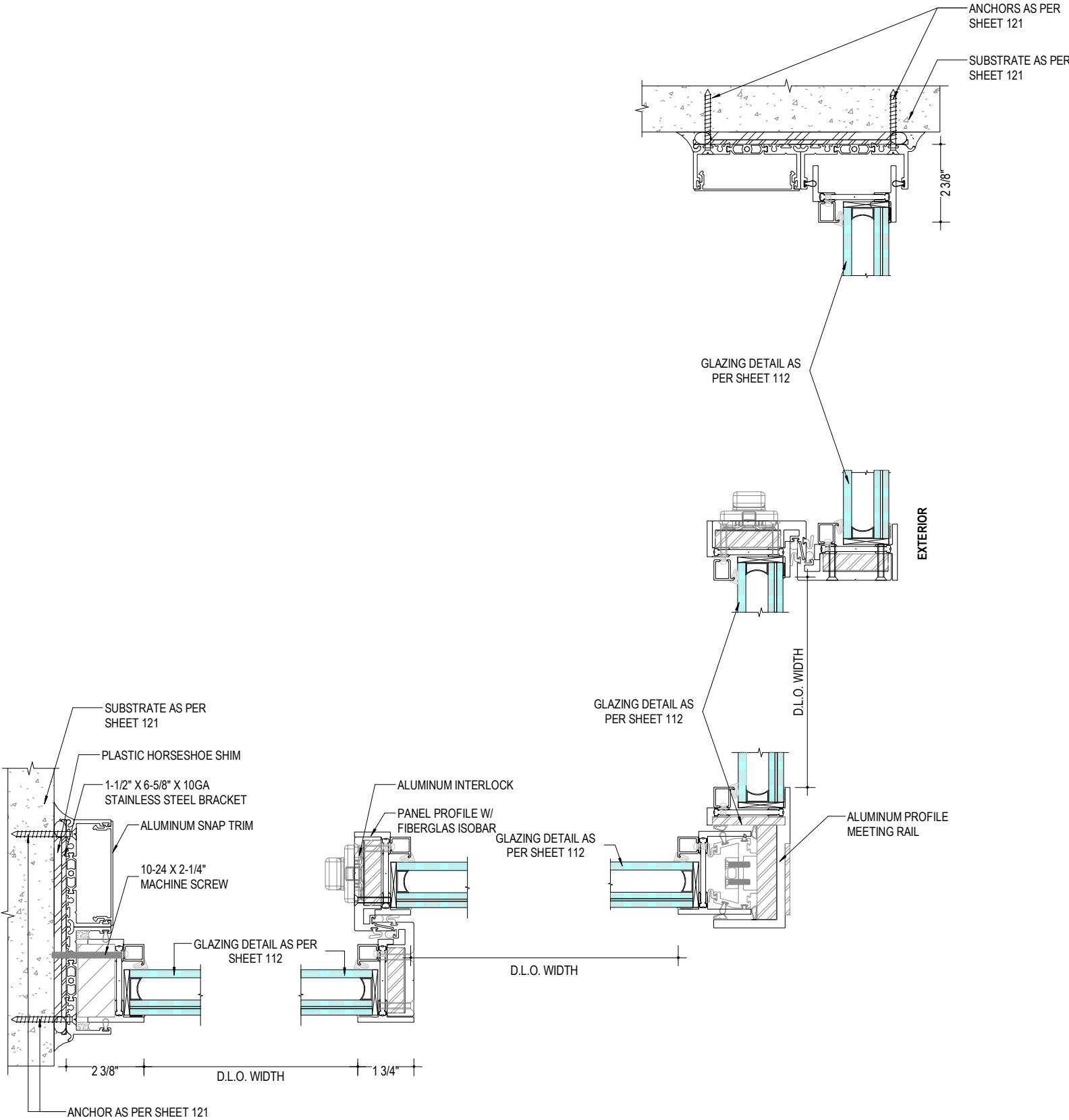
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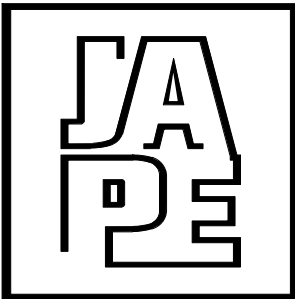


1
118 **90 DEG. CORNER DETAIL (OX/90°/XO)**
NOT TO SCALE



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Eng. JAVAD AHMAD, PE
CIVIL FLA. PE #70592 - C.A.N.34254



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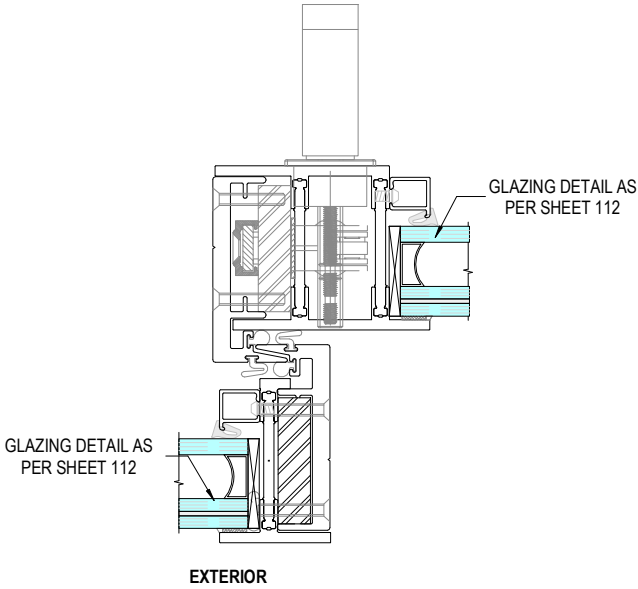
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CUSTOMER:
OPTIMUM STEEL WINDOWS AND
DOOR

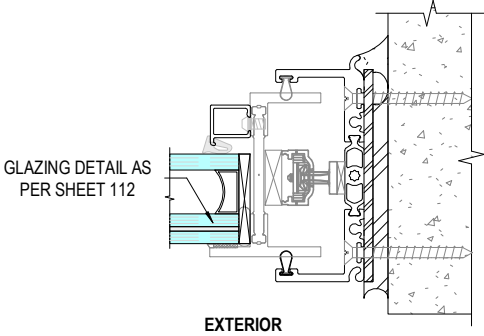
PROJECT:
RTS- 430i LIFT & SLIDE DOORS

PROJECT NUMBER
JA-1938-24

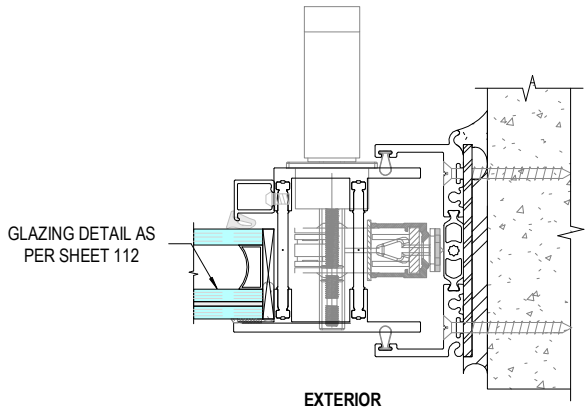
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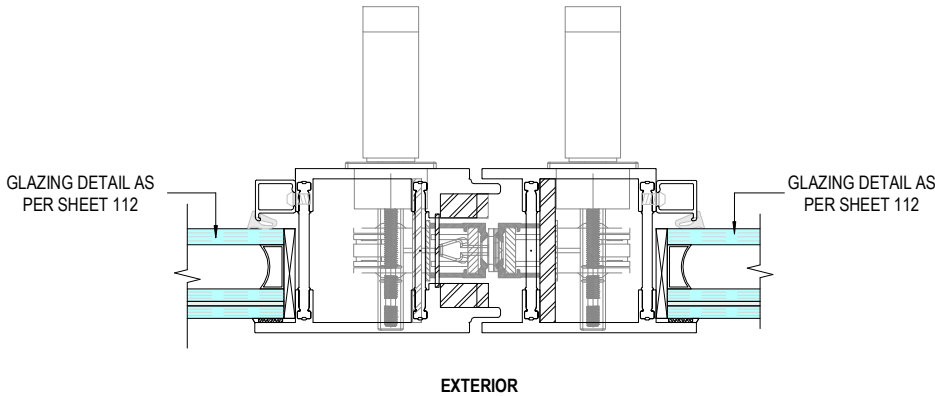
1 INTERMEDIATE DETAIL AT LOCK BOX
119 NOT TO SCALE



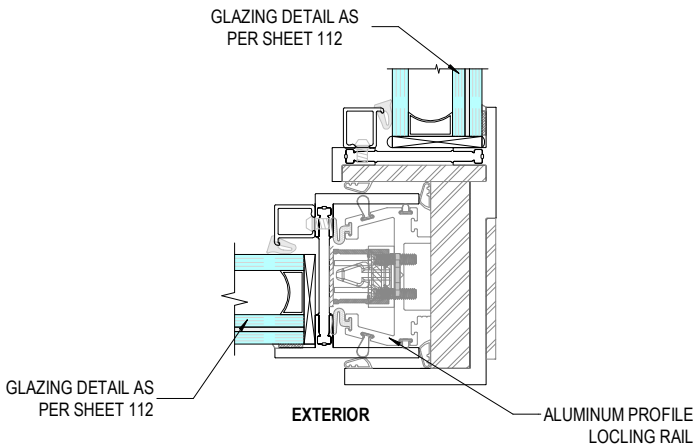
2 JAMB WITH SIDE MOUNT LOCK
119 NOT TO SCALE



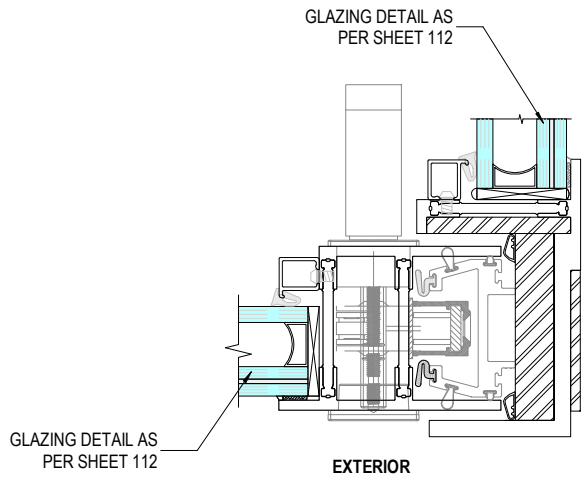
3 JAMB AT LOCKBOX
119 NOT TO SCALE



4 TYPICAL BI-PART MEETING RAIL AT LOCK BOX
119 NOT TO SCALE



5 TYPICAL 90 DEGREE MEETING RAIL
119 NOT TO SCALE



6 TYPICAL 90 DEGREE MEETING RAIL AT LOCKBOX
119 NOT TO SCALE

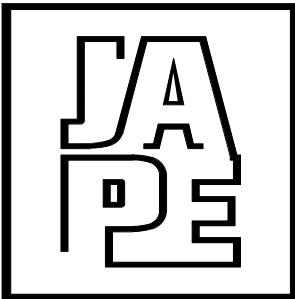
ANCHORAGE LAYOUT

FL# 47910.1



(TEL.)845-647-1900 (FAX)845-647-1499
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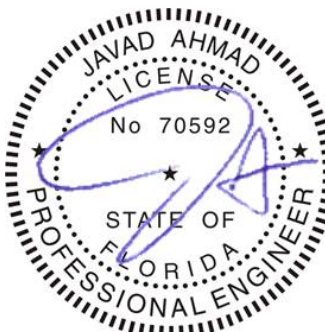
SERIES: RTS-430i
MODEL: THERMALLY BROKEN STEEL
LIFT & SLIDE DOOR



JAVAD AHMAD PE, inc
7875 NW 12 Street, Suite 102
Doral, FL 33126
Ph: (305) 424-8001
support@ja-pe.com

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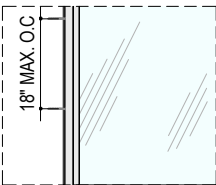
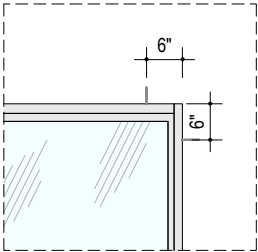
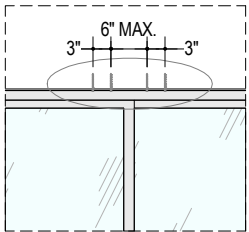
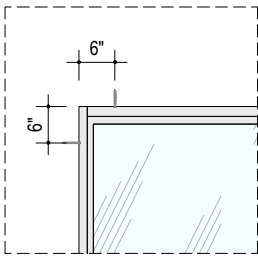
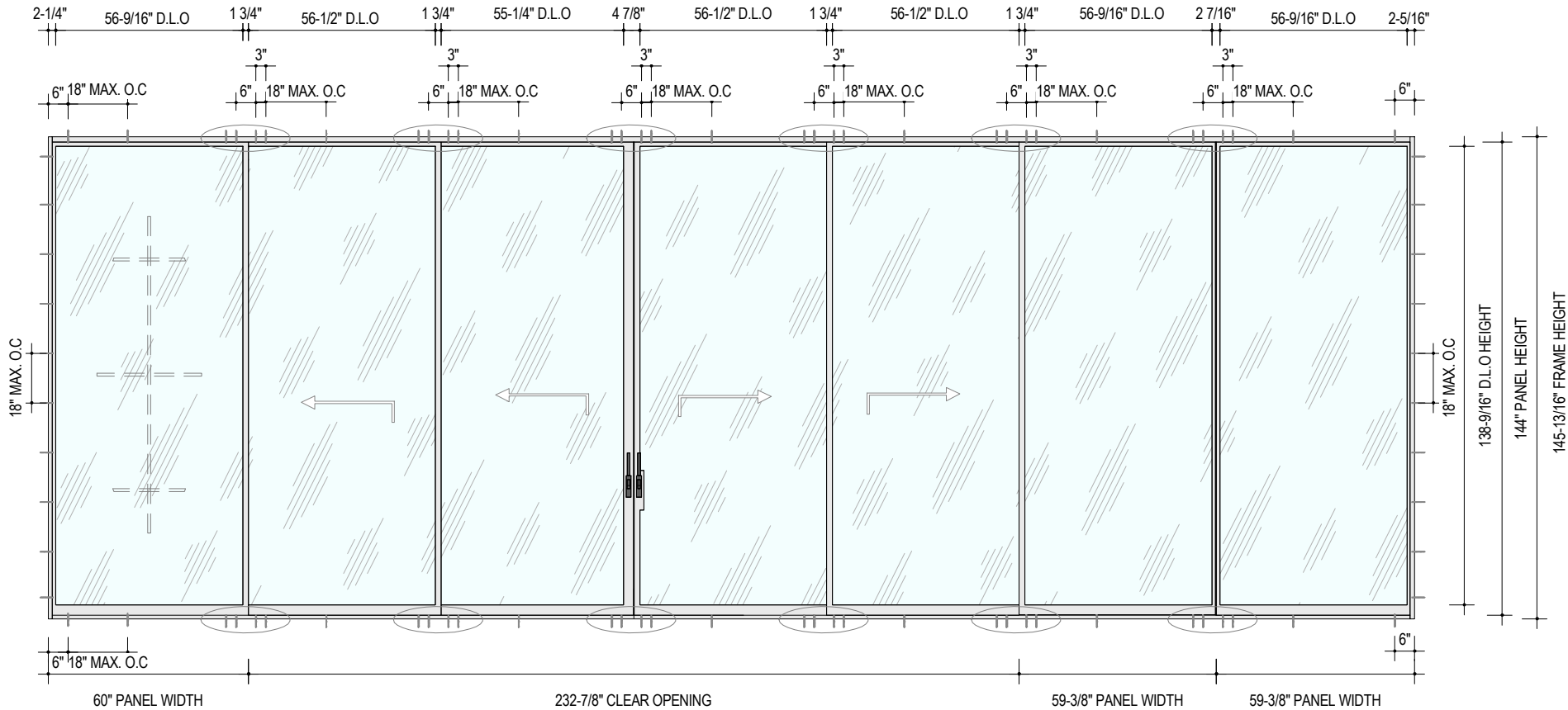
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TABLOID	NA

CUSTOMER:
OPTIMUM STEEL WINDOWS AND
DOOR

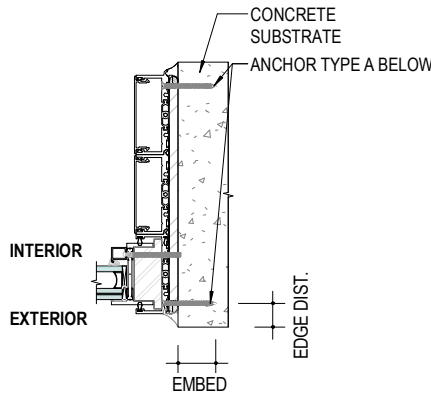
PROJECT:
RTS- 430i LIFT & SLIDE DOORS

PROJECT NUMBER
JA-1938-24

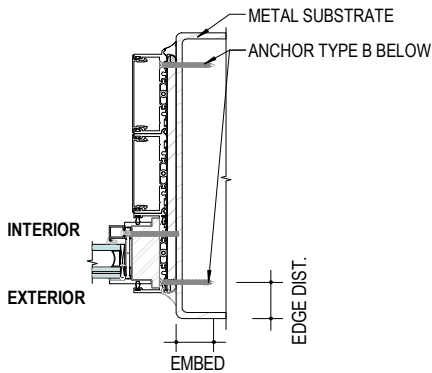
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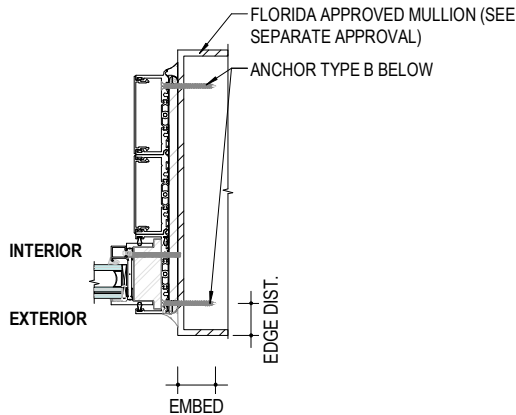
1 ANCHORAGE LAYOUT (OXX-XX00)
120 NOT TO SCALE



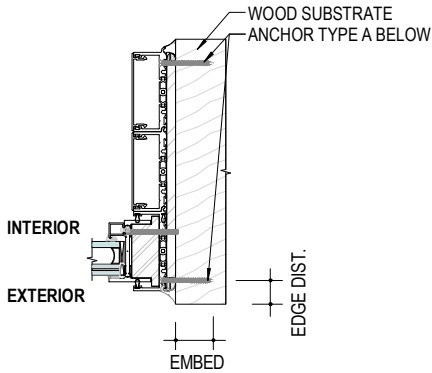
2 ANCHORAGE INTO CONCRETE STRUCTURE.
120 NOT TO SCALE



3 ANCHORAGE INTO METAL STRUCTURE.
120 NOT TO SCALE



4 ANCHORAGE INTO ALUMINUM STRUCTURE.
120 NOT TO SCALE



5 ANCHORAGE INTO WOOD STRUCTURE.
120 NOT TO SCALE

TYPICAL ANCHOR TYPES:

TYPE A -1/4" DEWALT ULTRACON+ (F_u = 177,000 PSI, F_y = 155,000 PSI)

- INTO 2BY WOOD WITH 1-1/2" MIN PENETRATION, AND 1-3/4" MIN EDGE DISTANCE AND 18" O.C. SPACING.
- INTO CONCRETE WITH 1-3/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE AND 18" O.C. SPACING.
- INTO GROUT FILLED MASONRY WITH 1-3/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE AND 18" O.C. SPACING.
- DIRECTLY INTO HOLLOW MASONRY WITH 1-1/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE, AND 18" O.C. SPACING.

TYPE B - 1/4-20 SS SCREWS (F_y= 30000 PSI)

- INTO 1/8" MIN. THK. ALUMINUM / STEEL WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 18" O.C. SPACING.
- INTO MIN. 1/8" THK. APPROVED MULLIONS WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 18" O.C. SPACING.

ANCHOR / SUBSTRATE NOTES:

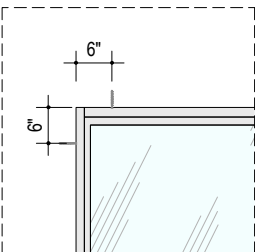
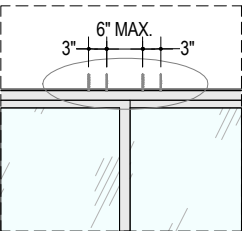
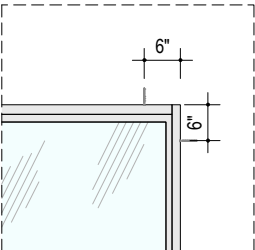
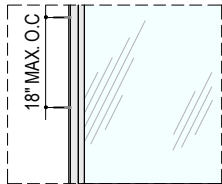
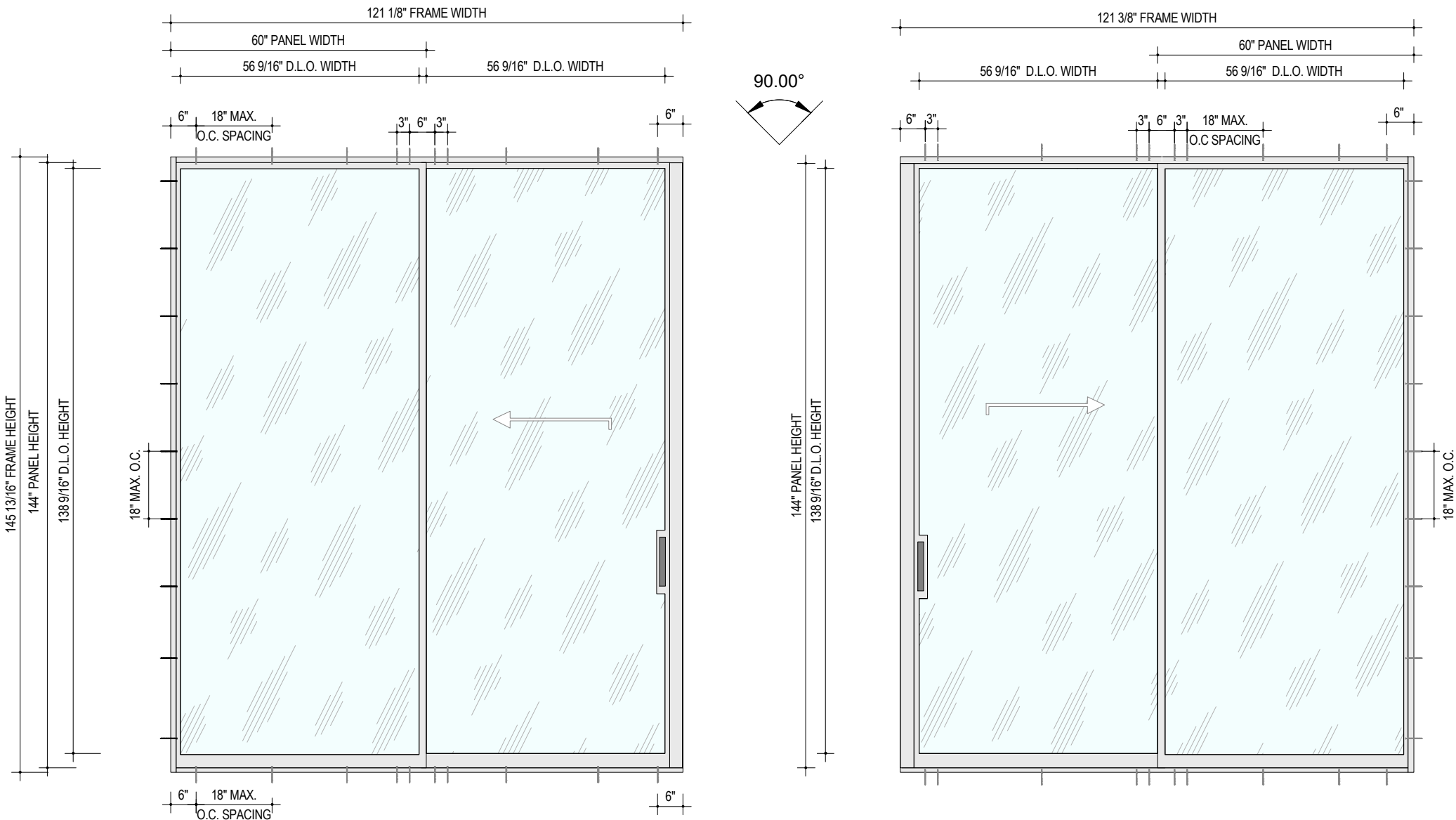
- WOOD AT HEAD OR JAMBS IS SOUTHERN YELLOW PINE #2 (SG=0.55 MIN.)
- CONCRETE AT HEAD OR JAMBS f_c= 3000 PSI
- C-90 HOLLOW/GROUT FILLED MASONRY UNITS AT JAMBS f_m= 2000 PSI
- STEEL (1/8" THK., A36 MIN) AT HEAD OR JAMBS
- ALUMINUM (1/8" THK., 6063-T6 MIN) AT HEAD OR JAMBS
- STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED

NOTE:

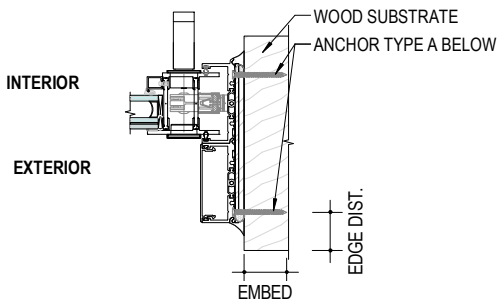
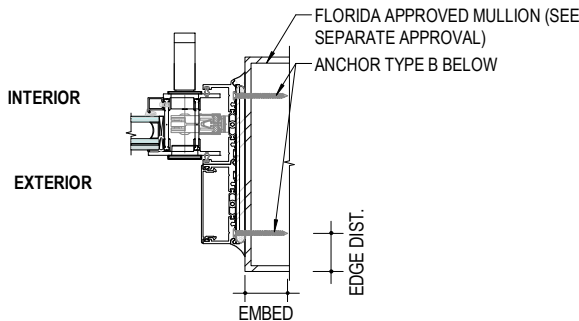
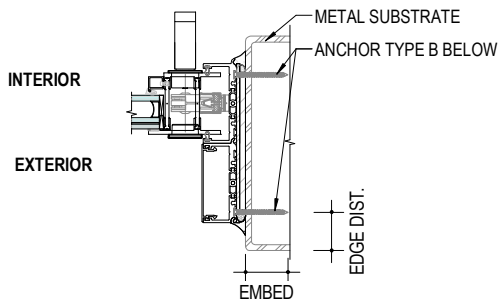
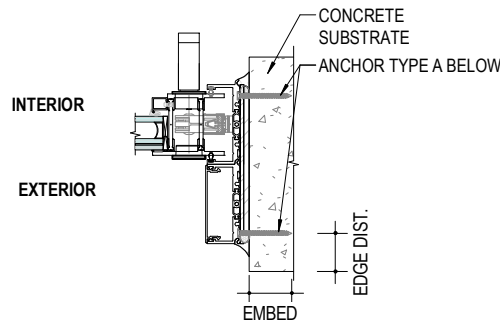
THE WOOD BUCKS, CONCRETE AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THEY MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFERRING THEM TO THE BUILDING STRUCTURE.

ANCHORAGE LAYOUT

FL# 47910.1



1 ANCHORAGE LAYOUT (OX/90°/XO)
121 NOT TO SCALE



2 ANCHORAGE INTO CONCRETE STRUCTURE
121 NOT TO SCALE

- TYPICAL ANCHOR TYPES:**
TYPE A -1/4" DEWALT ULTRACON+ (Fu = 177,000 PSI, Fv = 155,000 PSI)
- INTO 2BY WOOD WITH 1-1/2" MIN PENETRATION, AND 1-3/4" MIN EDGE DISTANCE AND 18" O.C. SPACING.
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 - DIRECTLY INTO HOLLOW MASONRY WITH 1-1/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE, AND 18" O.C. SPACING.

- TYPE B - 1/4-20 SS SCREWS (FY= 30000 PSI)**
- INTO 1/8" MIN. THK. ALUMINUM / STEEL WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 18" O.C. SPACING.
 - INTO MIN. 1/8" THK. APPROVED MULLIONS WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 18" O.C. SPACING.

3 ANCHORAGE INTO STEEL STRUCTURE
121 NOT TO SCALE

4 ANCHORAGE INTO ALUMINUM STRUCTURE
121 NOT TO SCALE

5 ANCHORAGE INTO WOOD STRUCTURE
121 NOT TO SCALE

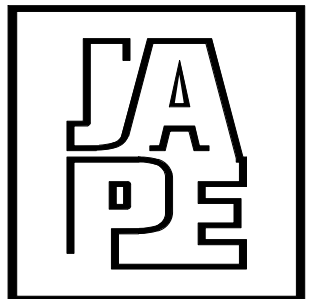
- ANCHOR / SUBSTRATE NOTES:**
- WOOD AT HEAD OR JAMBS IS SOUTHERN YELLOW PINE #2 (SG=0.55 MIN.)
 - CONCRETE AT HEAD OR JAMBS f'c= 3000 PSI
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SERIES: RTS-430i
MODEL: THERMALLY BROKEN STEEL LIFT & SLIDE DOOR



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CUSTOMER:
OPTIMUM STEEL WINDOWS AND DOOR

PROJECT:
RTS- 430i LIFT & SLIDE DOORS

PROJECT NUMBER
JA-1938-24

PAGE NUMBER:
121 OF 121