

KIRKLAND FIRE STATION 27  
KIRKLAND, WA  
PROJECT CUSTOMER

RIEHL DRAFTING  
PO BOX #74  
SPANAWAY, WA 98387  
425-241-6681  
Email: RIEHLDRAFTING@GMAIL.COM

KIRKLAND FIRE STATION 27  
13118 121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

PRODUCTS SCHEDULE

MANUFACTURER: <u>KAWNEER</u>	MANUFACTURER: <u>KAWNEER</u>
PRODUCT: <u>1600UT SERIES CURTAIN WALL SERIES</u>	PRODUCT: <u>500 DOOR SERIES</u>
DESCRIPTION: <u>2-1/2" X 10-1/4" ULTRA THERMAL</u>	DESCRIPTION: <u>WIDE STILE NON-THERMALLY BROKEN</u>
FINISH: <u>CLEAR ANODIZED</u>	FINISH: <u>CLEAR ANODIZED</u>
MANUFACTURER: <u>KAWNEER</u>	MANUFACTURER: <u>DAMS</u>
PRODUCT: <u>451T STOREFRONT SERIES</u>	PRODUCT: <u>TU SUNSHADE SERIES</u>
DESCRIPTION: <u>2" X 4-1/2" THERMALLY BROKEN</u>	DESCRIPTION: <u>1" X 10" TUBES</u>
FINISH: <u>CLEAR ANODIZED</u>	FINISH: <u>CLEAR ANODIZED</u>
MANUFACTURER: <u>KAWNEER</u>	MANUFACTURER: <u></u>
PRODUCT: <u>400 STOREFRONT SERIES</u>	PRODUCT: <u></u>
DESCRIPTION: <u>1-3/4" X 4" NON-THERMALLY BROKEN</u>	DESCRIPTION: <u></u>
FINISH: <u>CLEAR ANODIZED</u>	FINISH: <u></u>

PROJECT NOTES

- ALL POST-INSTALLED ANCHORS INTO CONCRETE AND/OR MASONRY SHALL BE SPECIAL INSPECTED IN ACCORDANCE WITH THE BUILDING CODE AND APPLICABLE EVALUATION REPORTS
- DOORS PREPPED FOR HARDWARE PROVIDED BY OTHERS

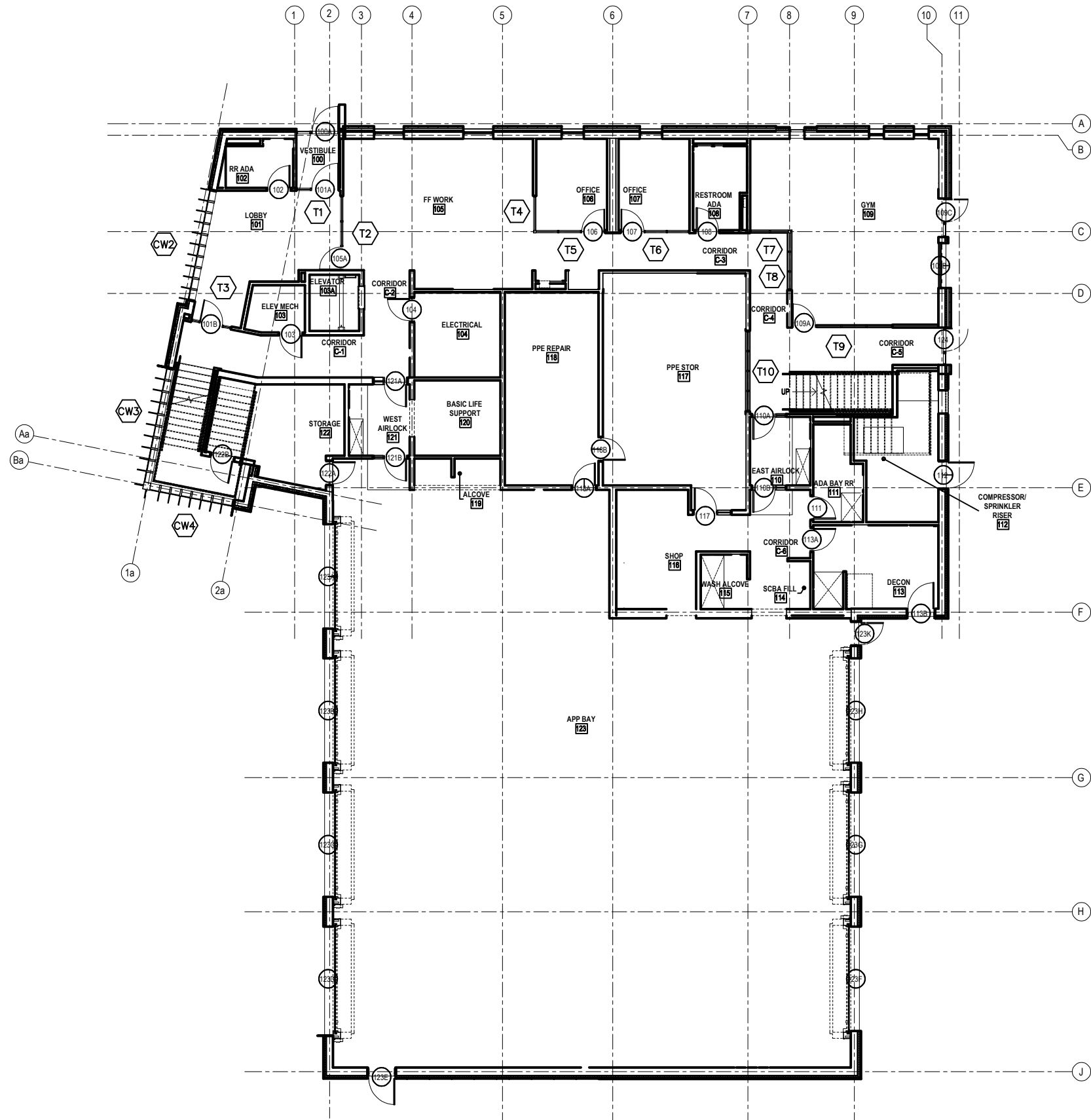
GLAZING SCHEDULE

GLASS TYPE	DESCRIPTION
①	1-3/4" OA (1/4" STARPHIRE SB72 #2 TEMP X 1/4" STARPHIRE SB72 #4 TEMP X 1/4" STARPHIRE ANNEALED) - ARGON GAS WITH BLACK SPACER
②	1-3/4" OA (1/4" STARPHIRE SB72 #2 TEMP X 1/4" STARPHIRE SB72 #4 TEMP X 1/4" STARPHIRE TEMP) - ARGON GAS WITH BLACK SPACER
③	1/4" CLEAR TEMPERED
④	1"OA (1/4" CLEAR TEMP X 1/2" AIR X 1/4" CLEAR TEMP)
⑤	NOT USED
⑥	NOT USED
⑦	NOT USED
⑧	NOT USED

SHEET INDEX

SHEET NUMBER	DESCRIPTION
1.00	COVER SHEET
3.01-3.02	FLOOR PLAN
5.01-5.06	CURTAIN WALL SCHEDULE
6.01-6.07	STOREFRONT SCHEDULE
8.01-8.16	CURTAIN WALL DETAILS
9.01-9.08	STOREFRONT DETAILS

6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22
COVER SHEET
JOB NO.: 220811
SHEET NO.: 1.00

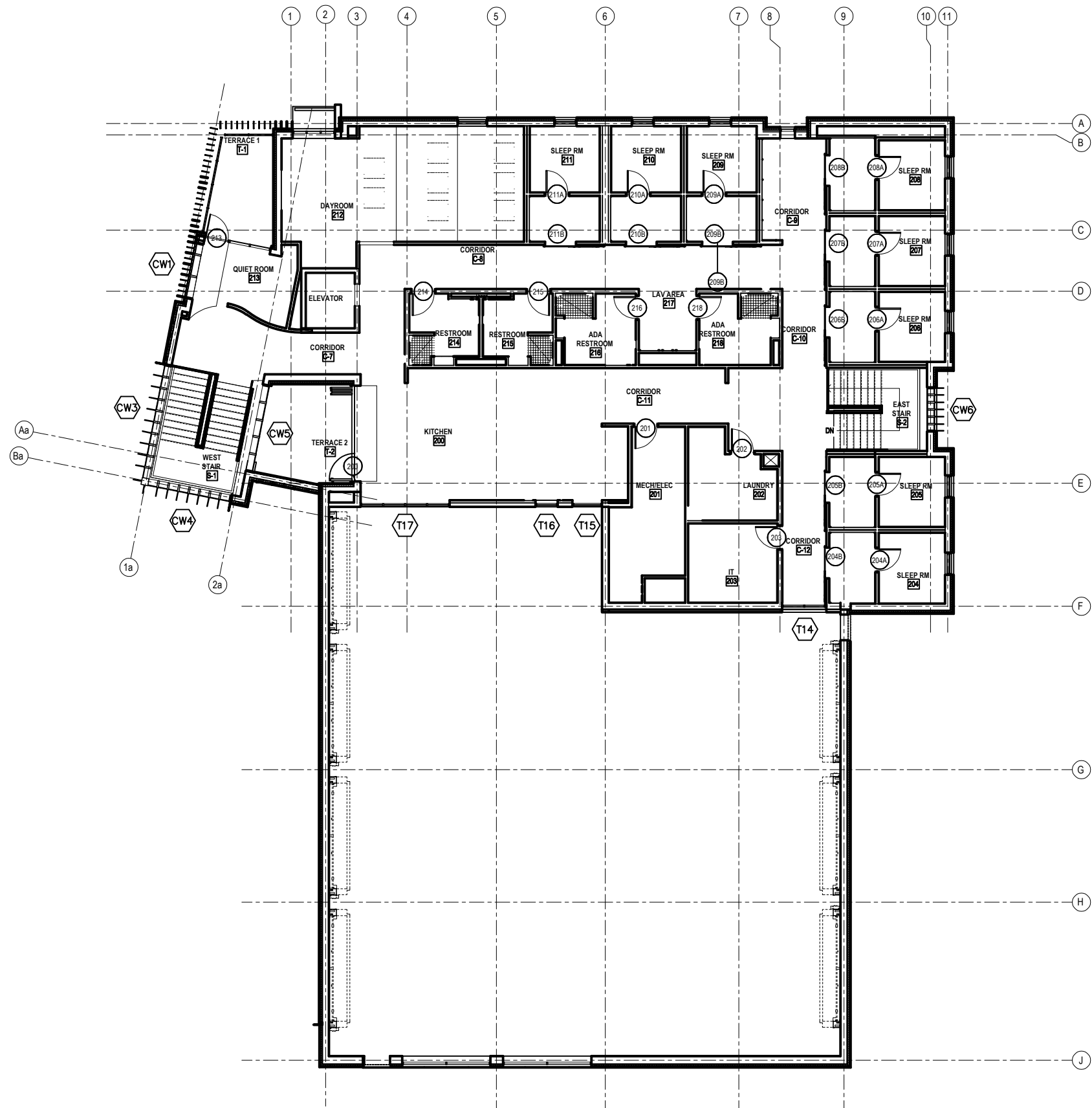


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6TH SUBMISSION  
5TH SUBMISSION  
4TH SUBMISSION  
3RD SUBMISSION  
2ND SUBMISSION  
10-10-22  
1ST SUBMISSION  
8-14-22

FLOOR  
PLAN  
JOB NO.:  
220811  
SHEET NO.:  
3.01



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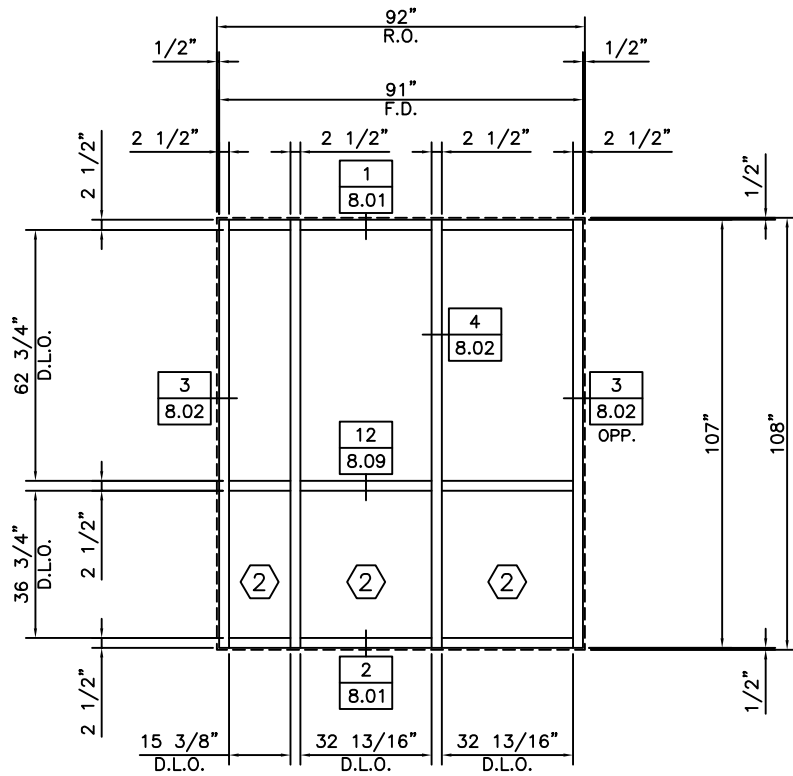
KIRKLAND FIRE STATION 27  
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6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22

FLOOR  
PLAN  
JOB NO.:  
220811  
SHEET NO.:  
3.02

NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO

NOTE: VERTICAL SUNSHADES TO ALIGN WITH  
VERTICAL CW MULLIONS. SUNSHADES  
DO NOT ATTACH TO CW1.



TYPE: CW1
QUANTITY: 1
CURTAIN WALL SERIES: 1600UT
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ①

NOTE: ALL DIMENSIONS, QUANTITIES, CONFIGURATIONS, AND DETAILS TO BE VERIFIED

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6TH SUBMISSION

5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

2ND SUBMISSION  
10-10-22

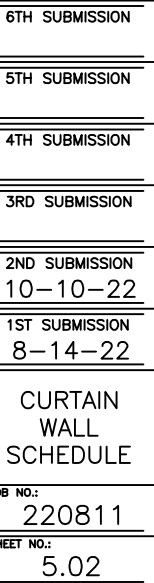
1ST SUBMISSION  
8-14-22

CURTAIN  
WALL  
SCHEDULE

JOB NO.:  
220811

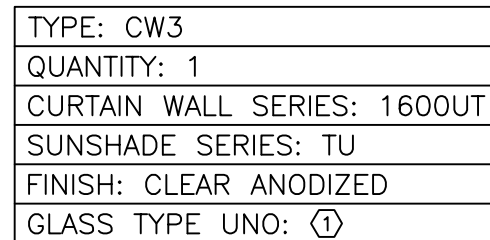
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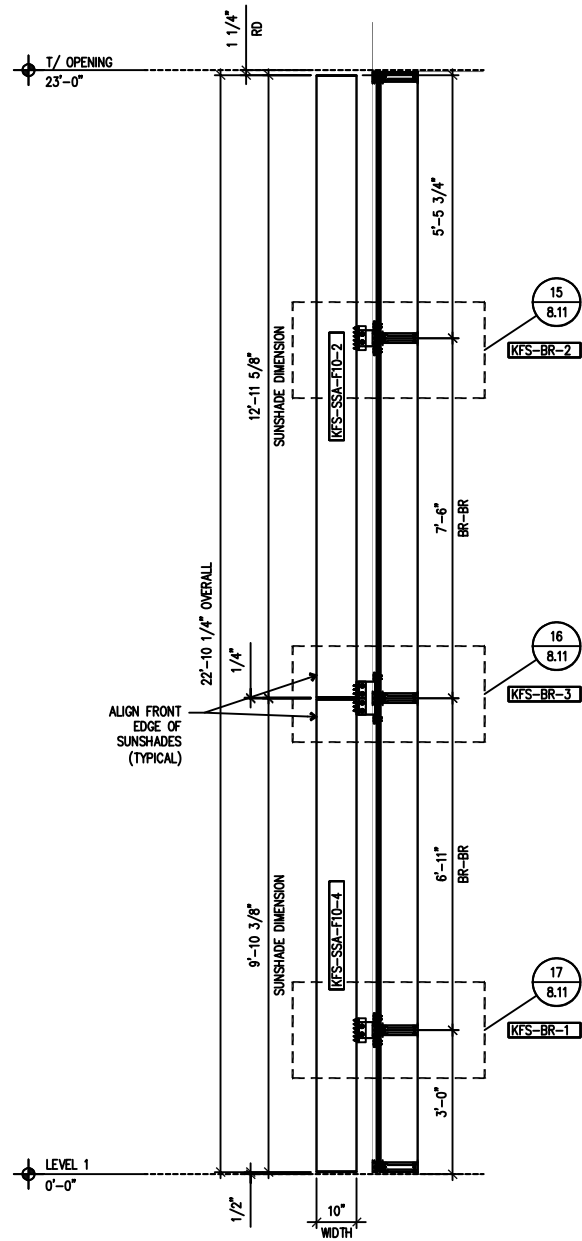
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 SHEET NO.:  
 5.02

5.02

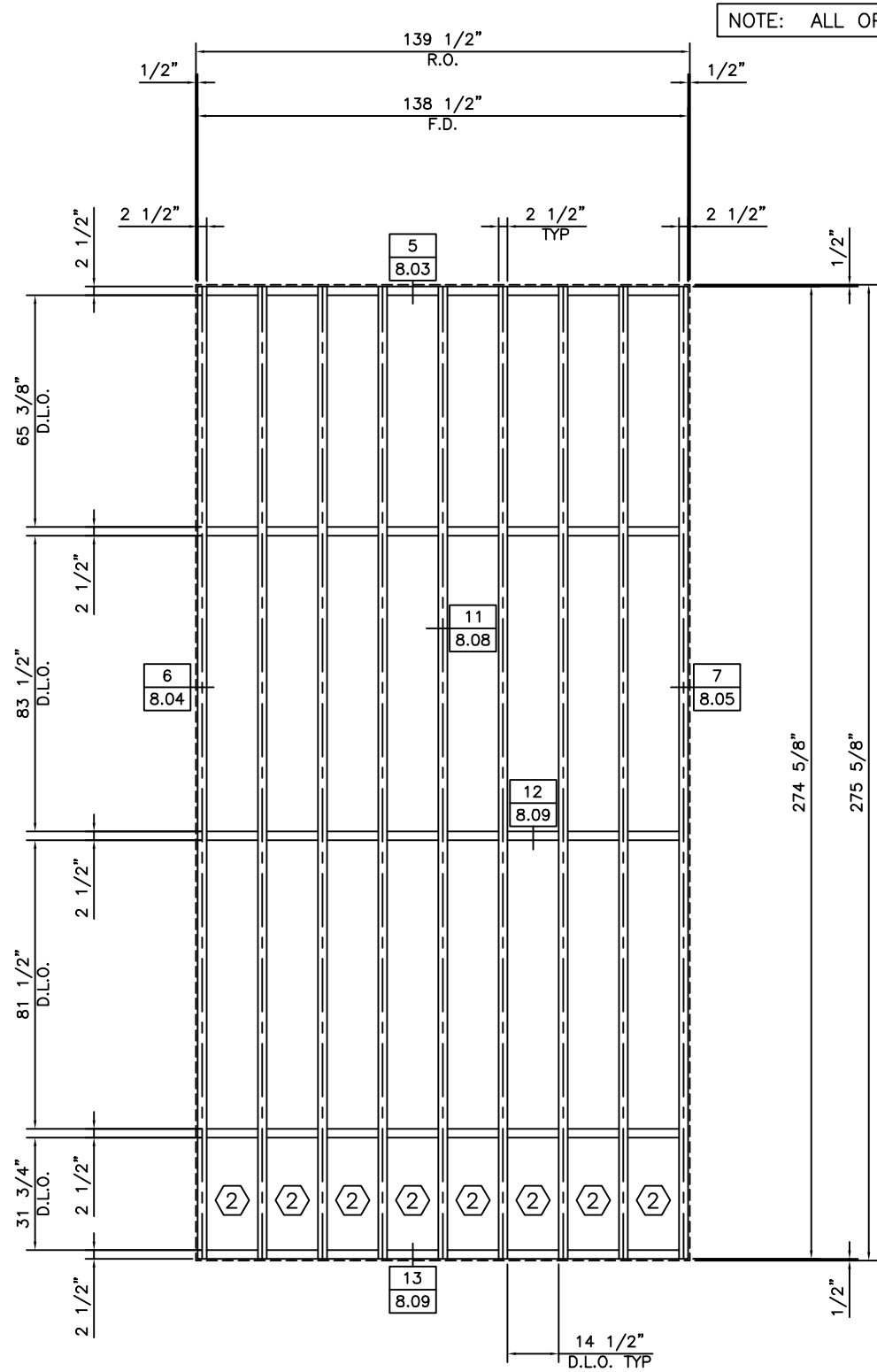


[NOTE: HORIZONTAL MULLIONS ON CW3  
& CW4 DO NOT ALIGN.]

3.03



NOTE: ALL DIMENSIONS, QUANTITIES, CONFIGURATIONS, AND DETAILS TO BE VERIFIED



NOTE: HORIZONTAL MULLIONS ON CW3 & CW4 DO NOT ALIGN.

TYPE: CW4
QUANTITY: 1
CURTAIN WALL SERIES: 1600UT
SUNSHADE SERIES: TU
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ①

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6TH SUBMISSION

5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

2ND SUBMISSION

10-10-22

1ST SUBMISSION

8-14-22

CURTAIN  
WALL  
SCHEDULE

JOB NO.:  
220811

SHEET NO.:  
5.04

[illegible]

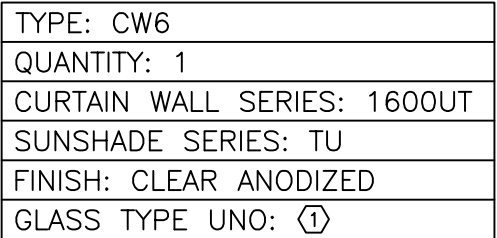
NOTE: ALL DIMENSIONS, QUANTITIES, CONFIGURATIONS, AND DETAILS TO BE VERIFIED

KIRKLAND FIRE STATION 27  
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SHEET NO.:  
5.05

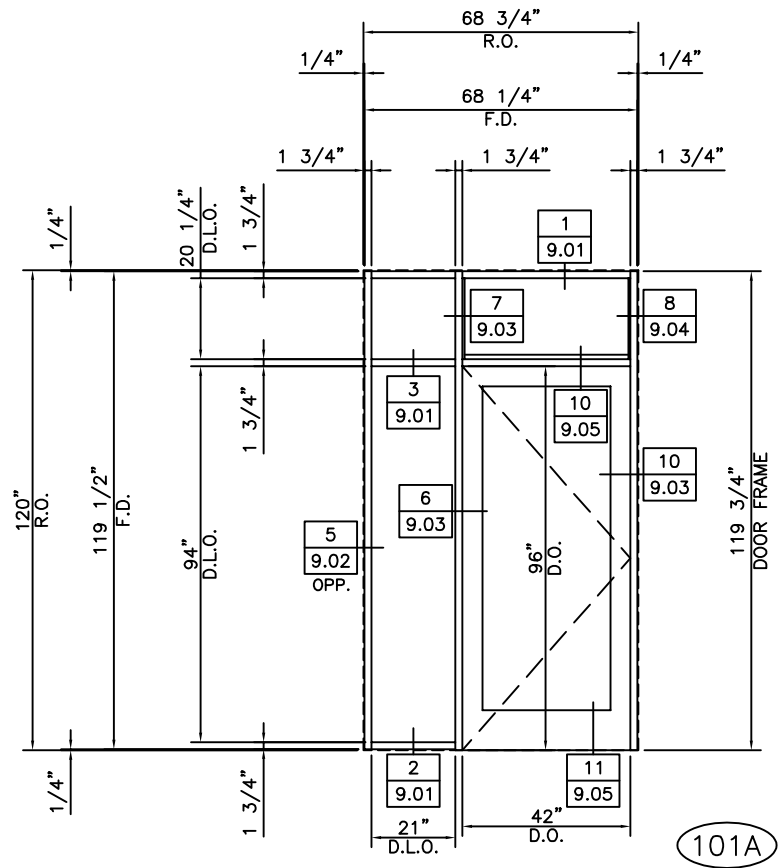


NOTE: ALL DIMENSIONS, QUANTITIES, CONFIGURATIONS, AND DETAILS TO BE VERIFIED



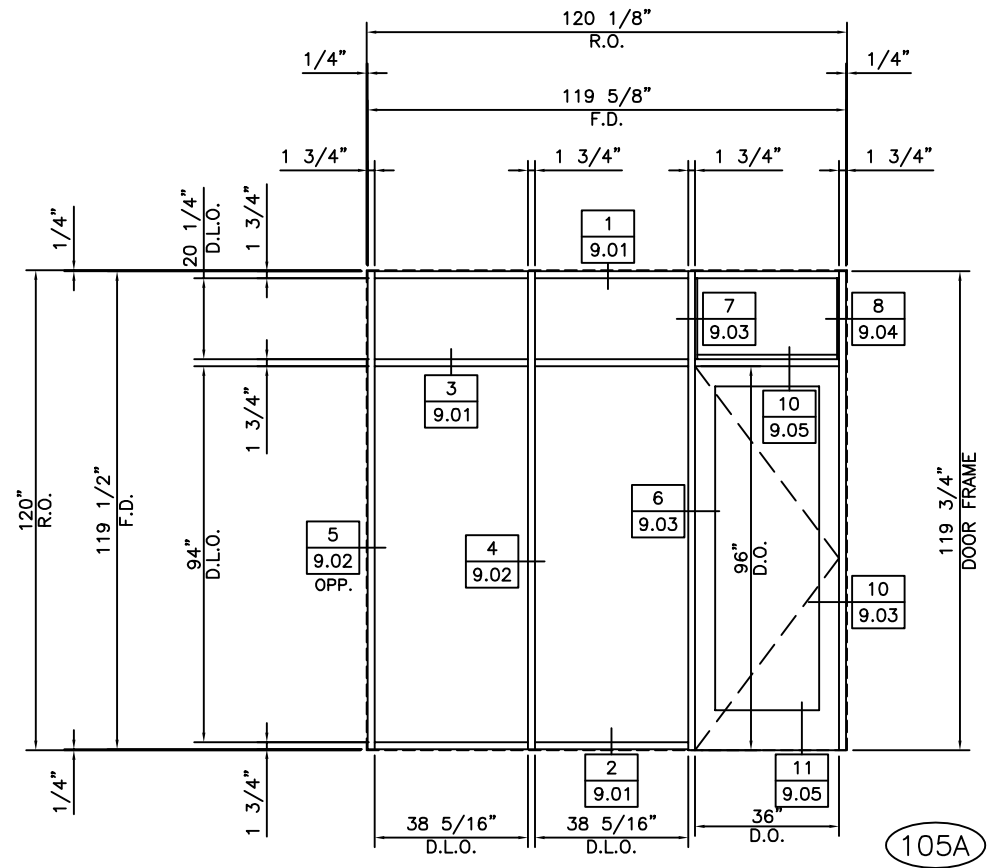
6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22
CURTAIN WALL SCHEDULE
IB NO.: 220811
SHEET NO.: 5.06

NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO



TYPE: T1
QUANTITY: 1
STOREFRONT SERIES: 400
DOOR SERIES: 500
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③

NOTE: ALL DIMENSIONS, QUANTITIES, CONFIGURATIONS, AND DETAILS TO BE VERIFIED



TYPE: T2
QUANTITY: 1
STOREFRONT SERIES: 400
DOOR SERIES: 500
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: (3)

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6TH SUBMISSION

5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

2ND SUBMISSION

1ST SUBMISSION

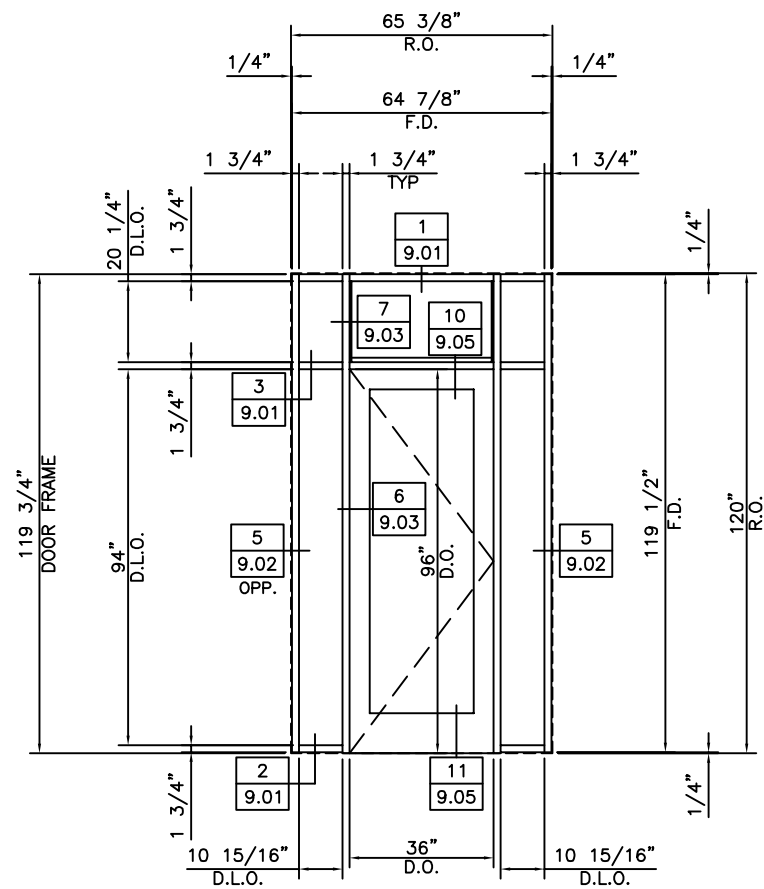
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## STOREFRONT SCHEDULE

B NO.:  
220811

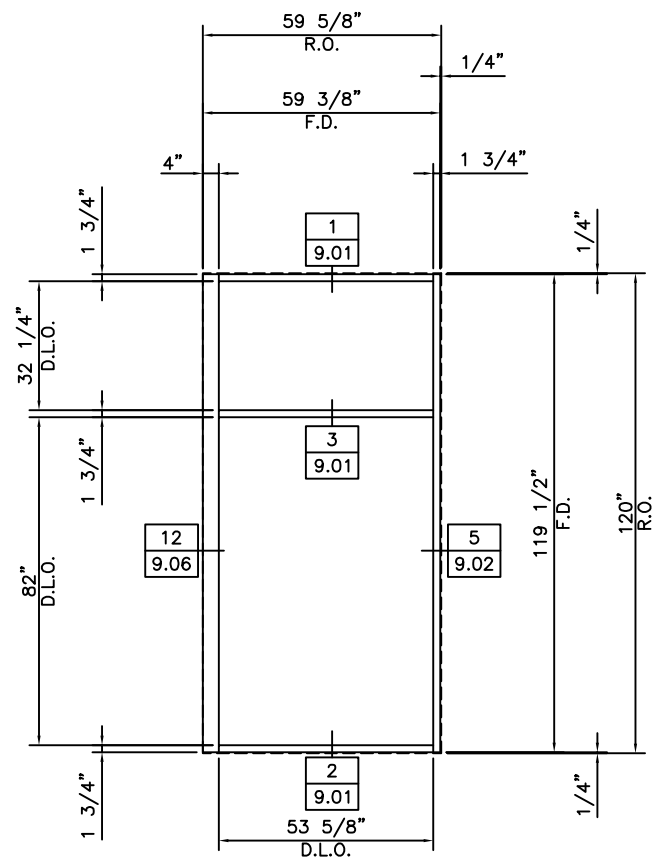
EET NO.:  
6.01

NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO



TYPE: T3
QUANTITY: 1
STOREFRONT SERIES: 400
DOOR SERIES: 500
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③

NOTE: ALL DIMENSIONS, QUANTITIES, CONFIGURATIONS, AND DETAILS TO BE VERIFIED



TYPE: T4
QUANTITY: 1
STOREFRONT SERIES: 400
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③

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5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

2ND SUBMISSION  
10-10-22

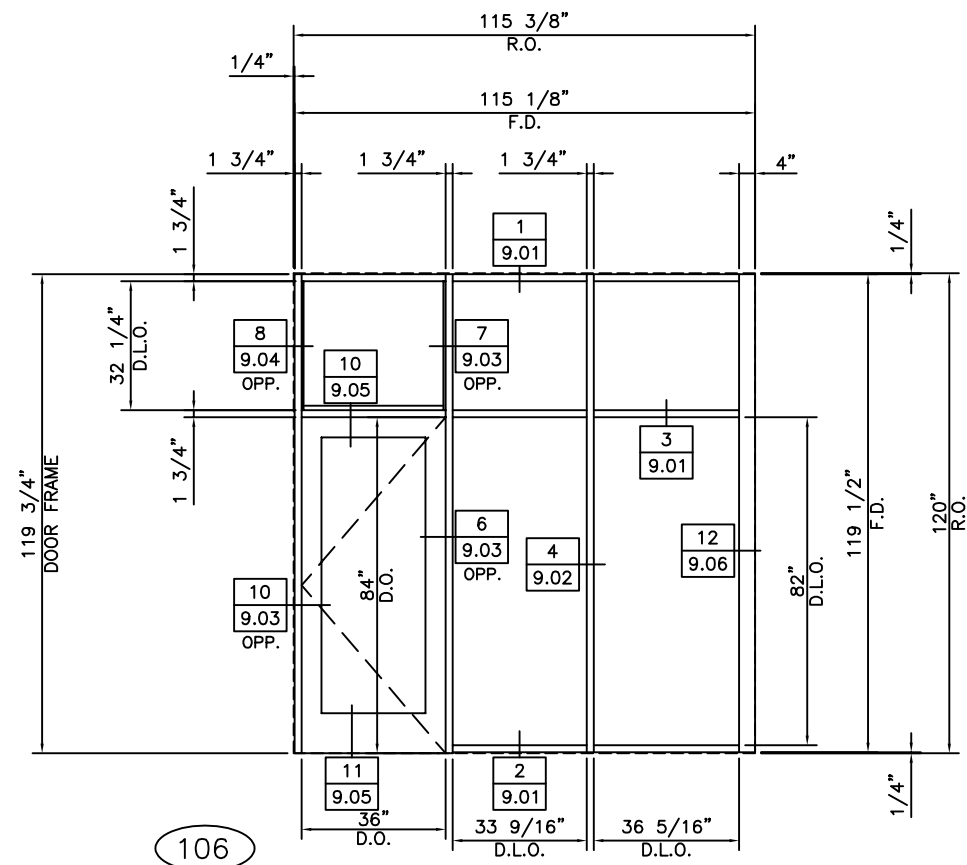
1ST SUBMISSION  
8-14-22

STOREFRONT  
SCHEDULE

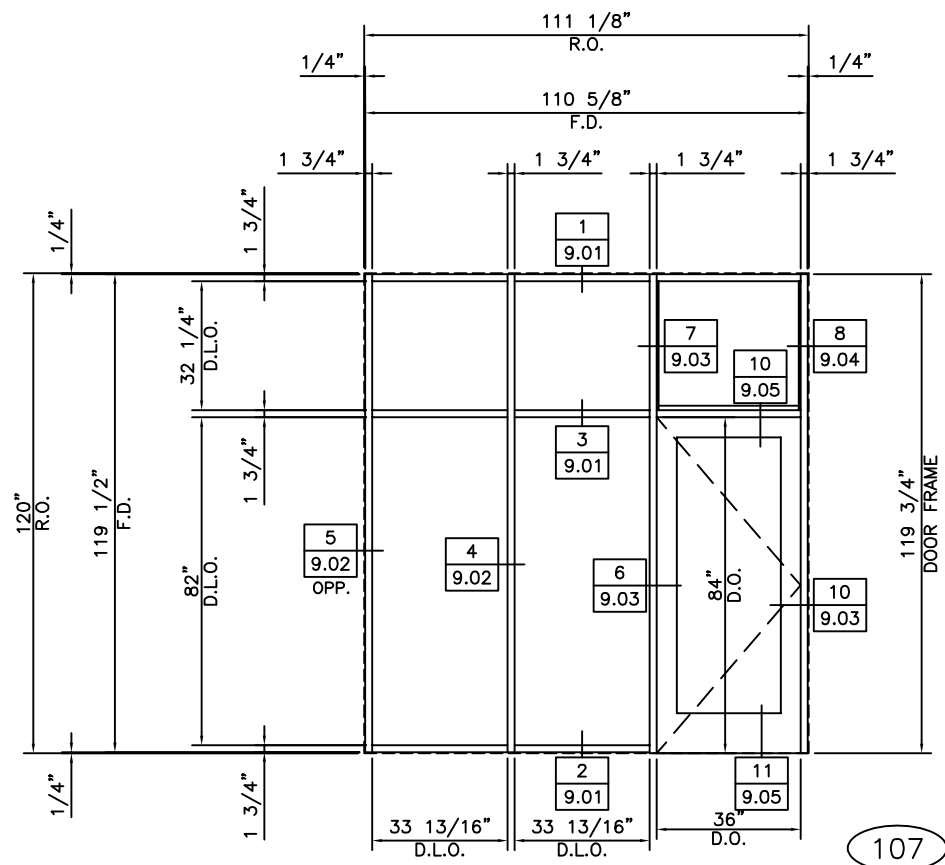
JOB NO.:  
220811

SHEET NO.:  
6.02

NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO



TYPE: T5
QUANTITY: 1
STOREFRONT SERIES: 400
DOOR SERIES: 500
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③



TYPE: T6
QUANTITY: 1
STOREFRONT SERIES: 400
DOOR SERIES: 500
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③

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2ND SUBMISSION  
10-10-22

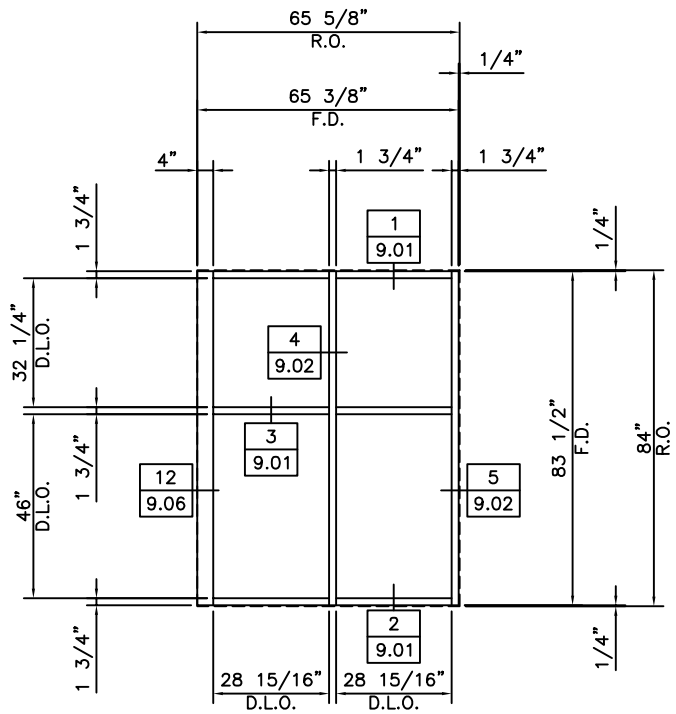
1ST SUBMISSION  
8-14-22

STOREFRONT  
SCHEDULE

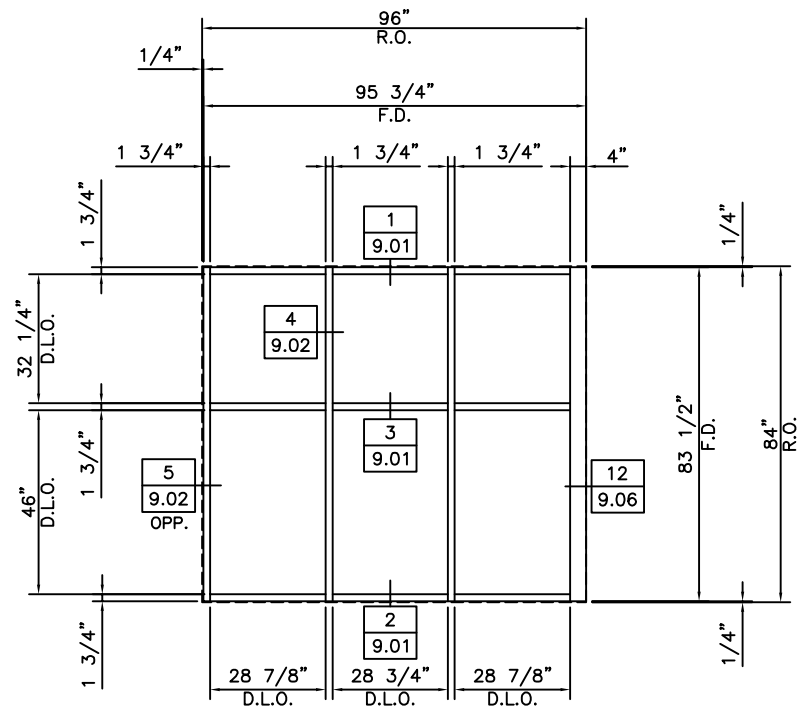
JOB NO.:  
220811

SHEET NO.:  
6.03

NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO



TYPE: T7
QUANTITY: 1
STOREFRONT SERIES: 400
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③



TYPE: T8
QUANTITY: 1
STOREFRONT SERIES: 400
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③

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2ND SUBMISSION  
10-10-22

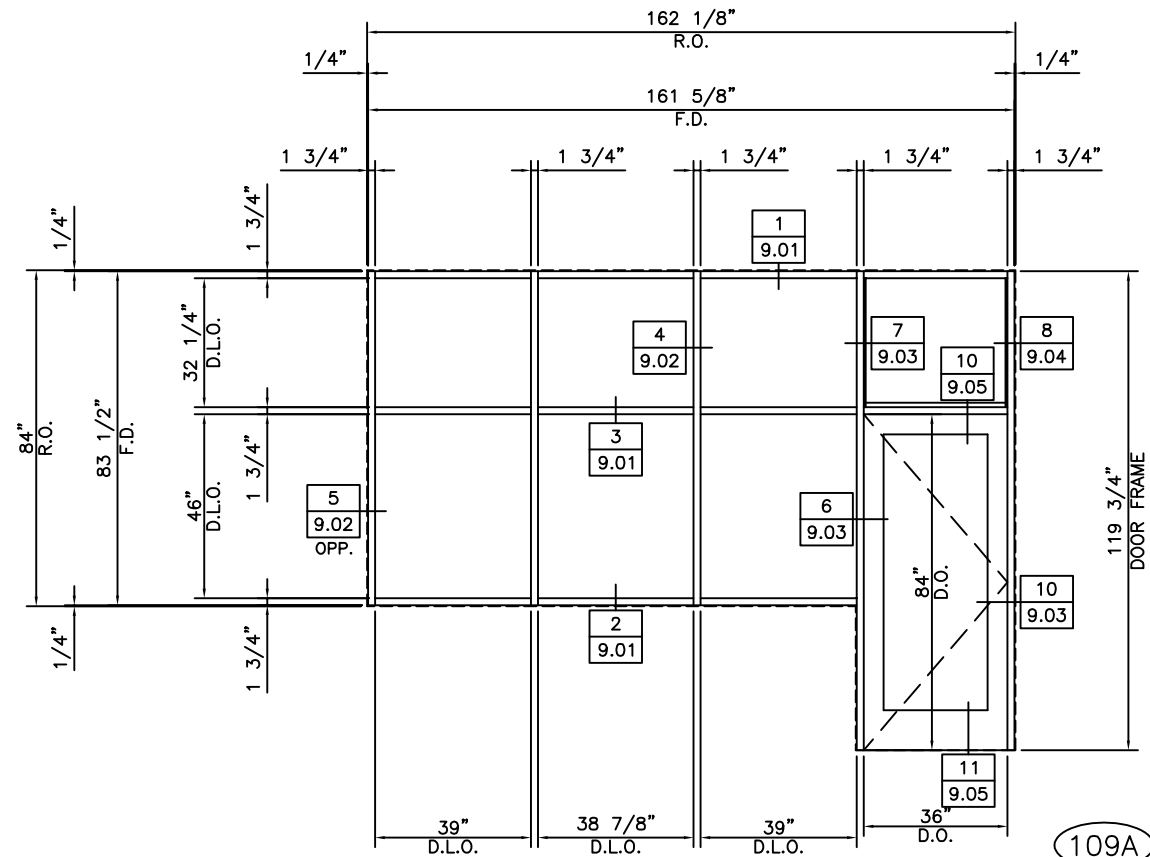
1ST SUBMISSION  
8-14-22

STOREFRONT  
SCHEDULE

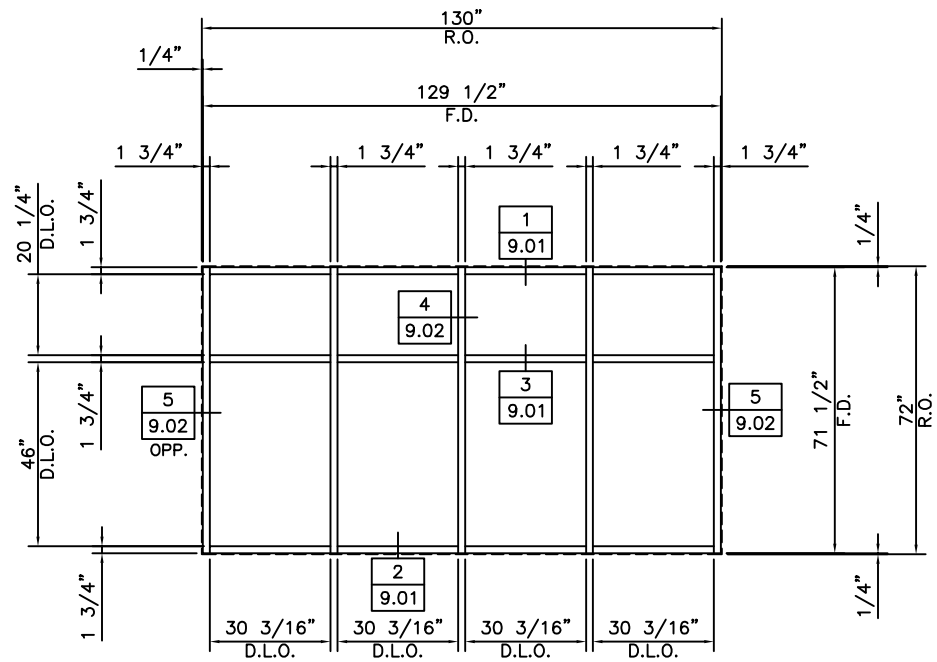
JOB NO.:  
220811

SHEET NO.:  
6.04

NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO



TYPE: T9
QUANTITY: 1
STOREFRONT SERIES: 400
DOOR SERIES: 500
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③



TYPE: T10
QUANTITY: 1
STOREFRONT SERIES: 400
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ③

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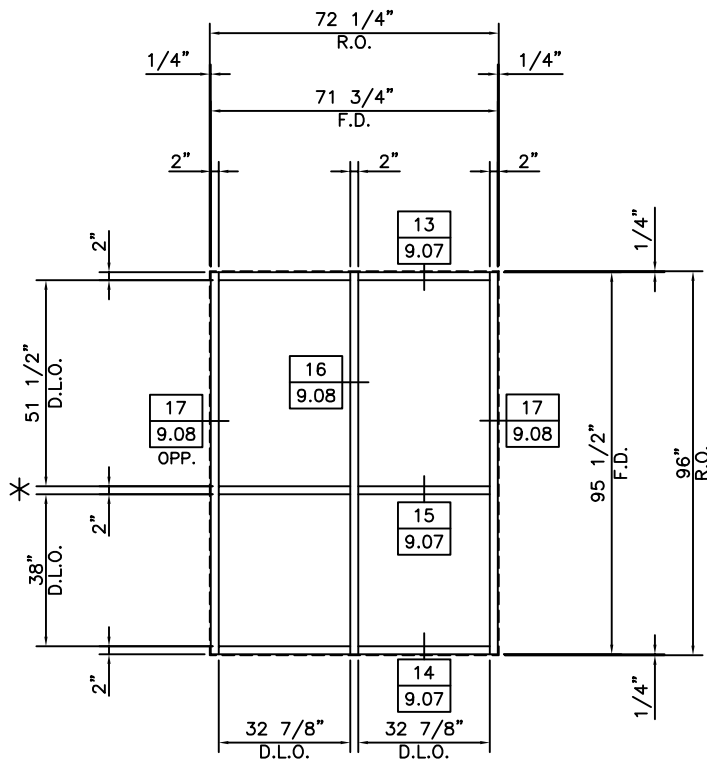
6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22

STOREFRONT  
SCHEDULE

JOB NO.: 220811
SHEET NO.: 6.05

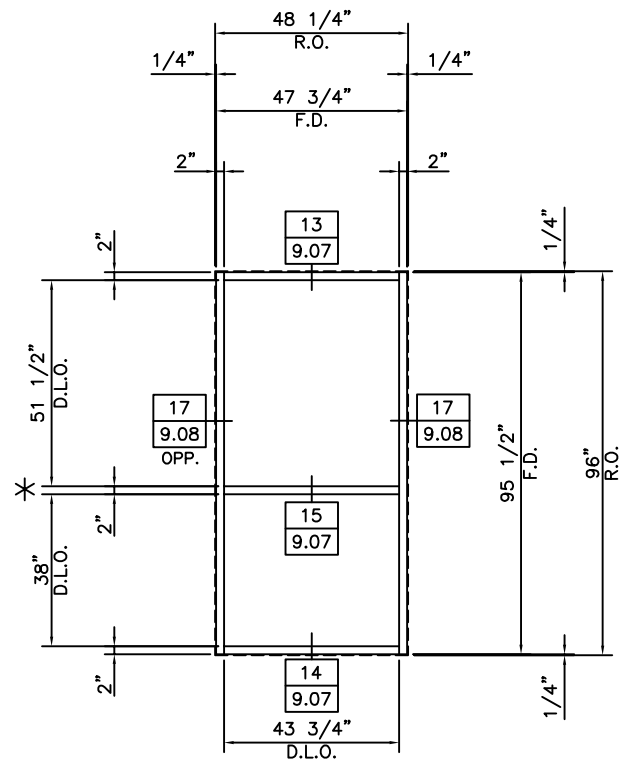
NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO

\* - ALIGN MULLION WITH  
TYPE T16 SILL



TYPE: T14
QUANTITY: 1
STOREFRONT SERIES: 451T
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ④

\* - ALIGN MULLION WITH  
TYPE T16 SILL



TYPE: T15
QUANTITY: 1
STOREFRONT SERIES: 451T
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ④

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10-10-22

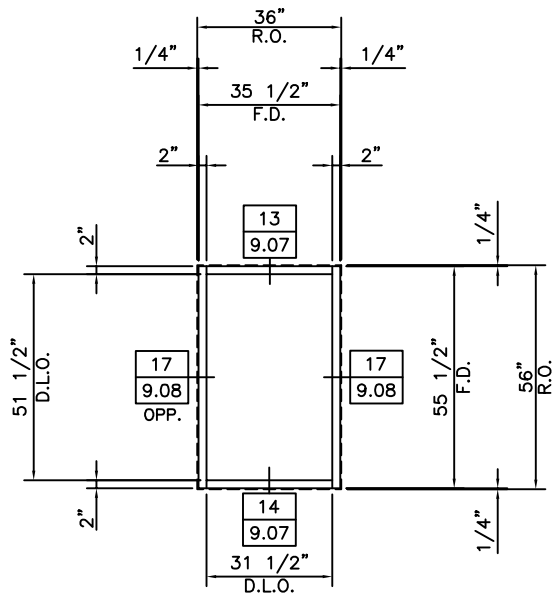
1ST SUBMISSION  
8-14-22

STOREFRONT  
SCHEDULE

JOB NO.:  
220811

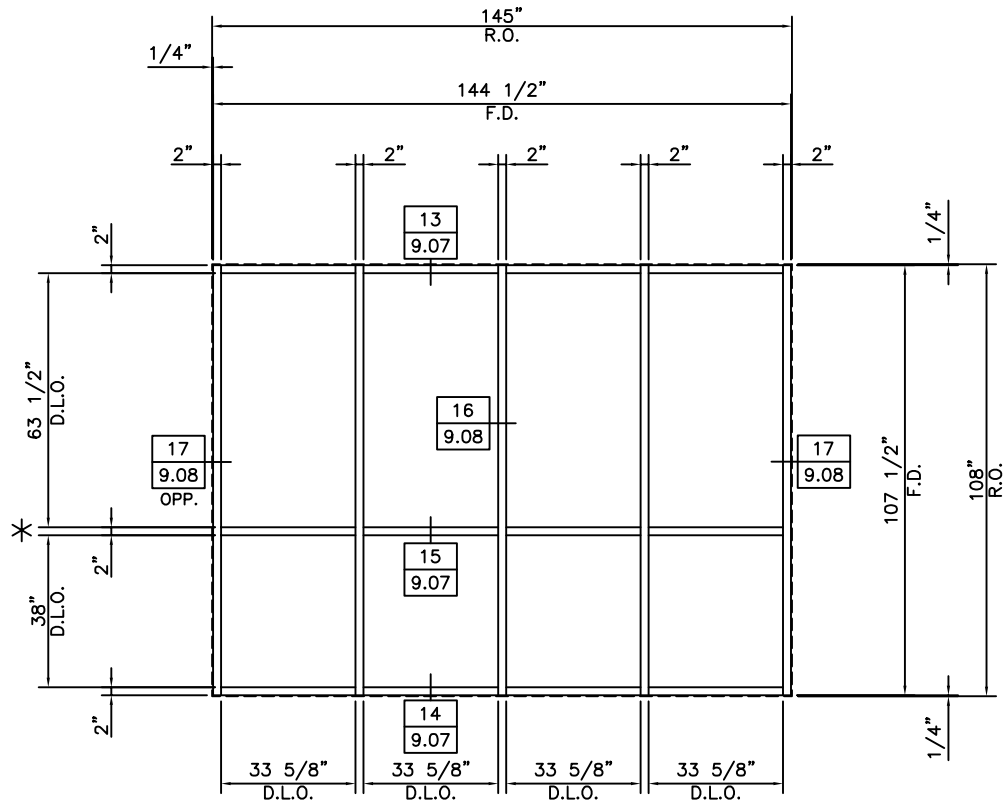
SHEET NO.:  
6.06

NOTE: ALL OPENINGS VIEWED FROM THE EXTERIOR UNO



TYPE: T16
QUANTITY: 1
STOREFRONT SERIES: 451T
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ④

\* - ALIGN MULLION WITH  
TYPE T16 SILL



TYPE: T17
QUANTITY: 1
STOREFRONT SERIES: 451T
FINISH: CLEAR ANODIZED
GLASS TYPE UNO: ④

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10-10-22

1ST SUBMISSION

8-14-22

STOREFRONT  
SCHEDULE

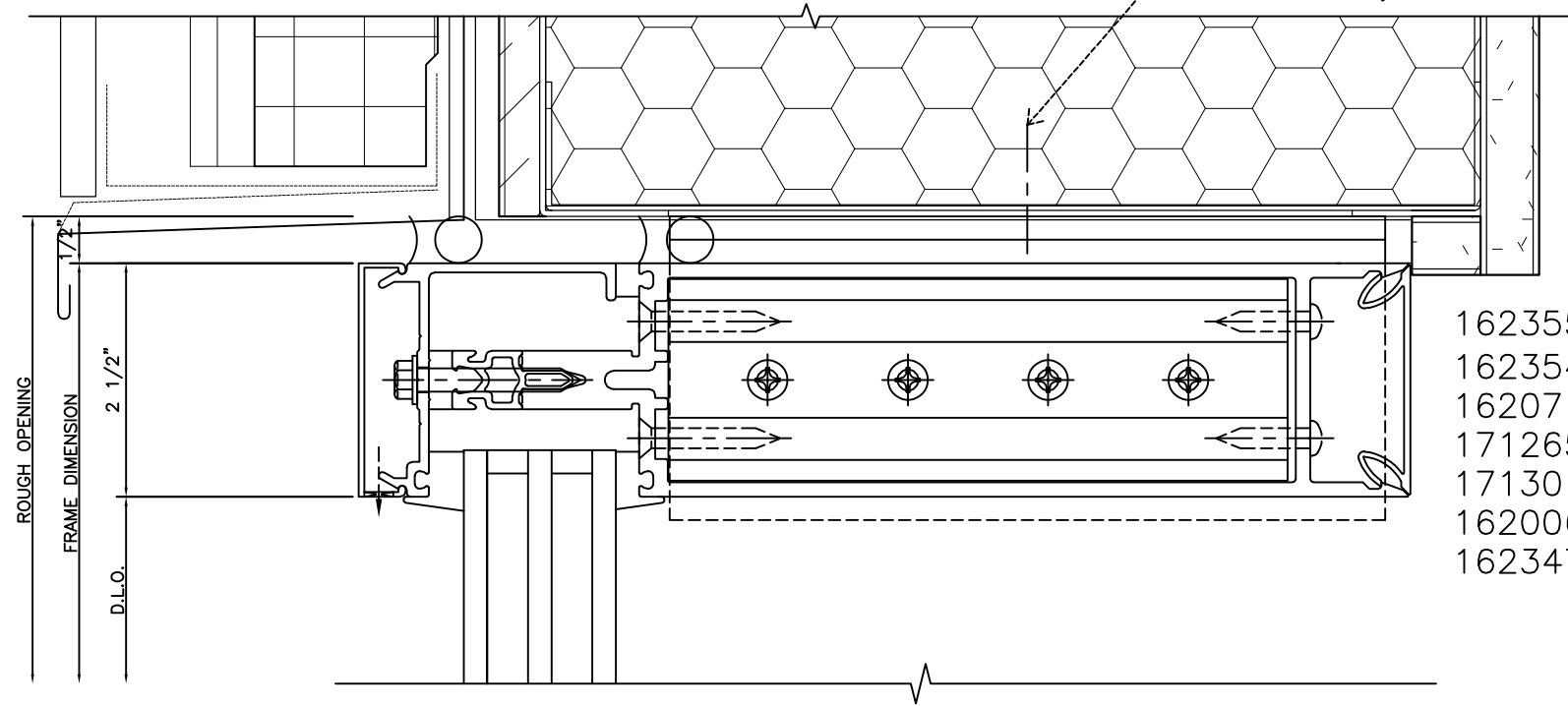
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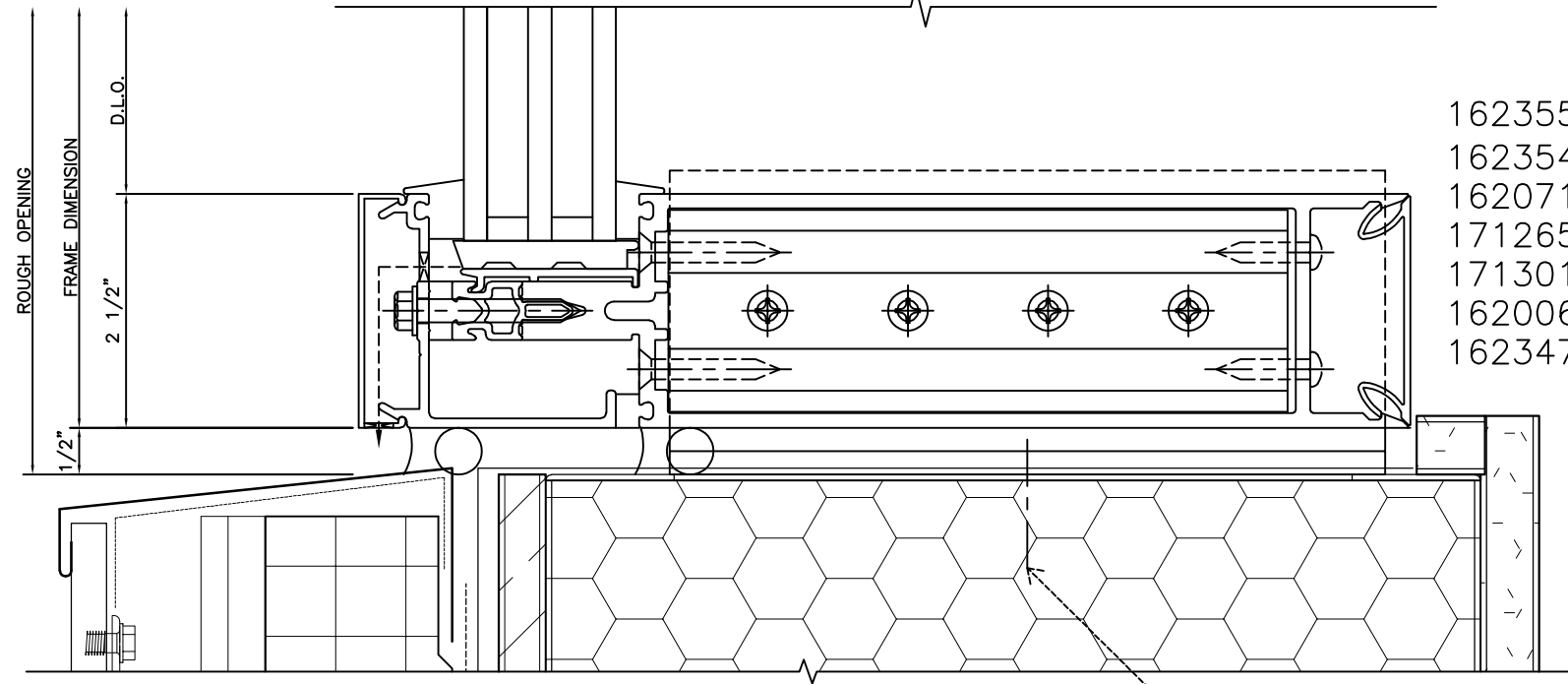
1	
9	A4.11

2	
10	A4.11



#12-14 ITW Buildex TEKS/3 screw with 2" min. spacing and 1/2" min. edge distance into 20Ga min. CFS framing per ICC-ES ESR 2713  
@ center: (1) anchor at each side of vertical mullion  
@ jambs: (3) anchors on one side of vertical mullion with 3" max. eccentricity from center of mullion

162355 "T" ANCHOR  
162354 "F" ANCHOR  
162071 INTERIOR COVER  
171265 MULLION  
171301 PERIMETER PRESSURE PLATE  
162006 COVER  
162347 SHEAR BLOCK



#12-14 ITW Buildex TEKS/3 screw with 2" min. spacing and 1/2" min. edge distance into 20Ga min. CFS framing per ICC-ES ESR 2713  
@ center: (1) anchor at each side of vertical mullion  
@ jambs: (3) anchors on one side of vertical mullion with 3" max. eccentricity from center of mullion

162355 "T" ANCHOR  
162354 "F" ANCHOR  
162071 INTERIOR COVER  
171265 MULLION  
171301 PERIMETER PRESSURE PLATE  
162006 COVER  
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4TH SUBMISSION

3RD SUBMISSION

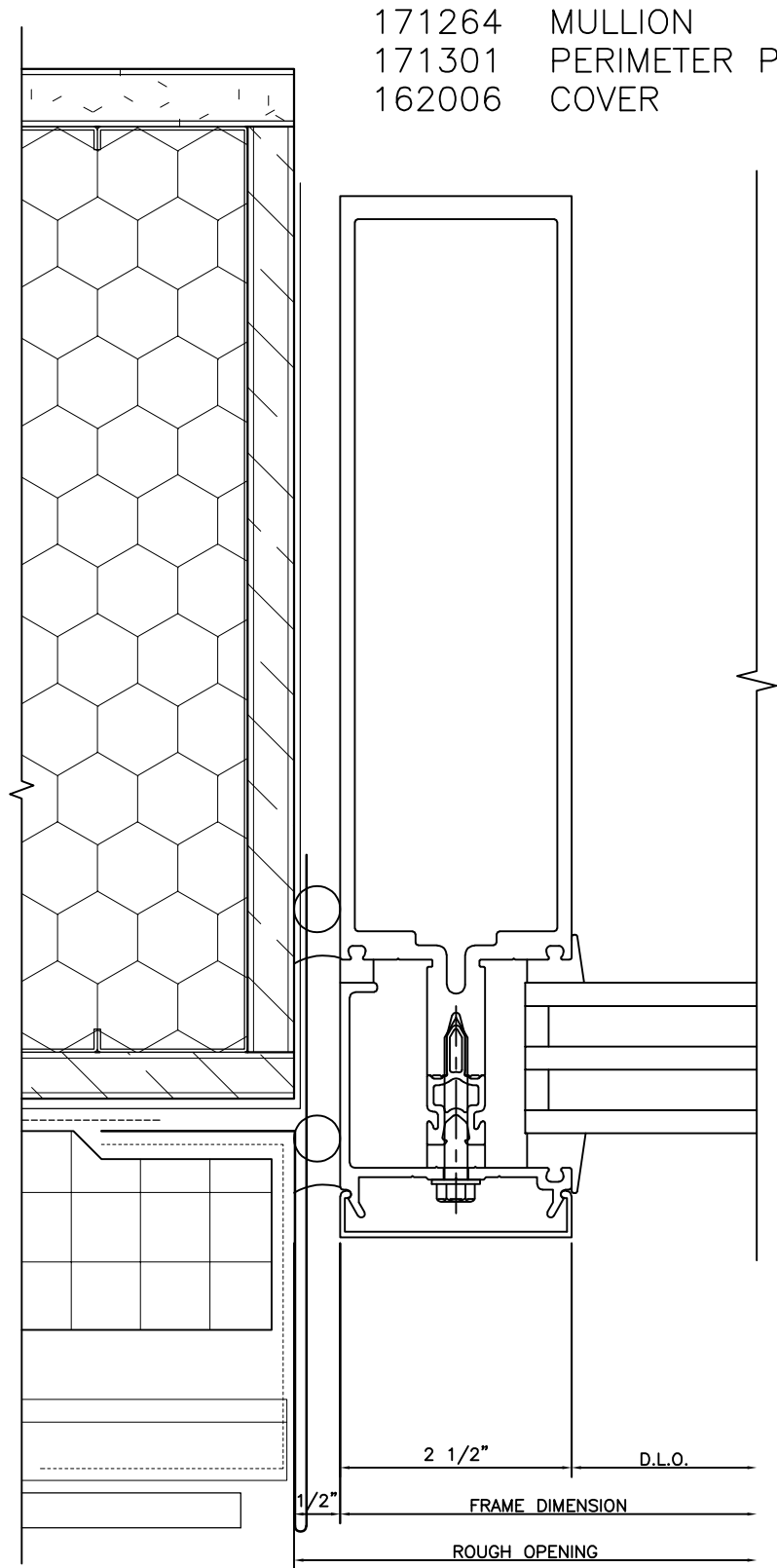
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10-10-22

1ST SUBMISSION  
8-14-22

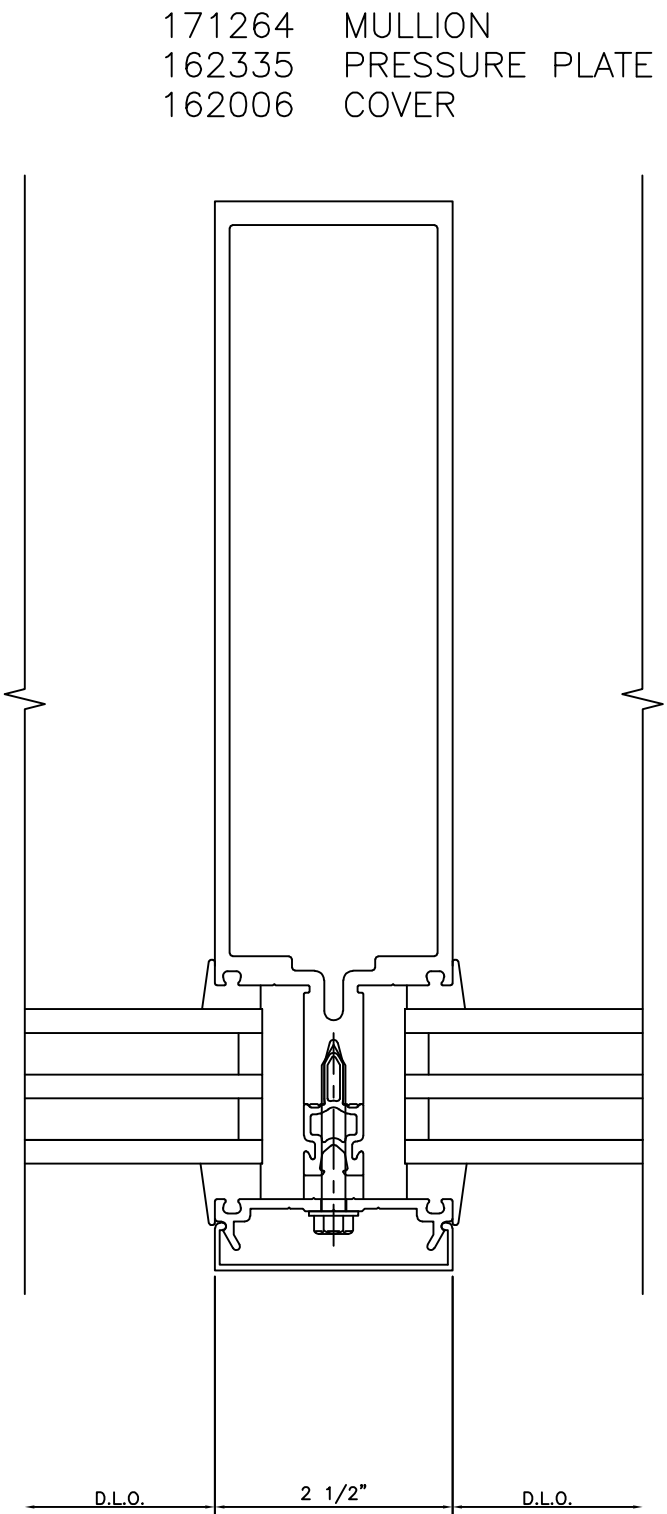
CURTAIN  
WALL  
DETAILS

JOB NO.:  
220811

SHEET NO.:  
8.01



3
11 A4.11



4

KIRKLAND FIRE STATION 27  
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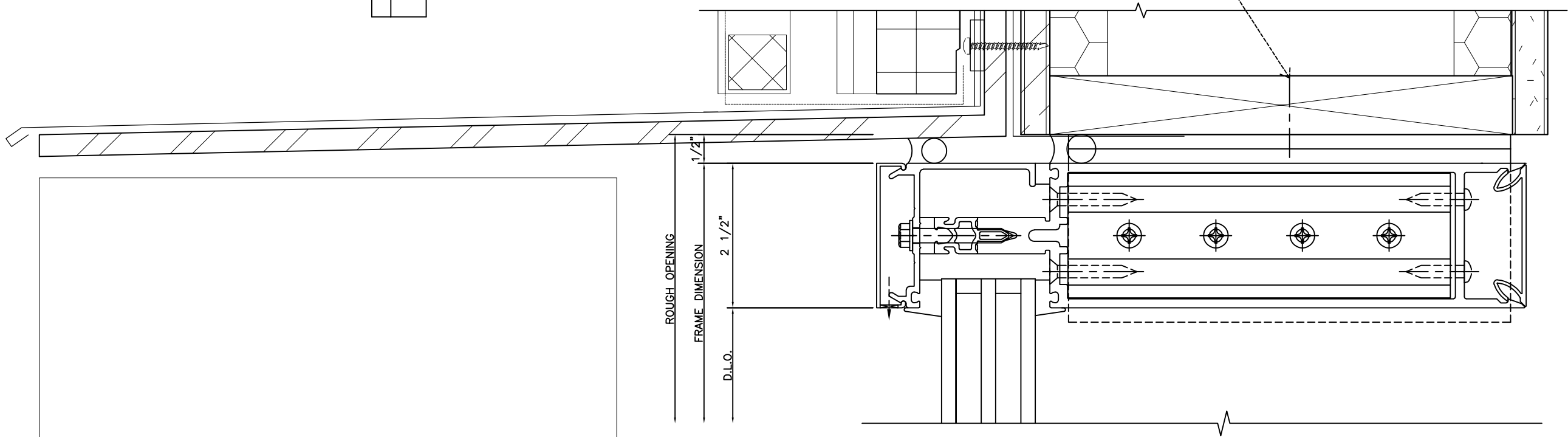
6TH SUBMISSION  
5TH SUBMISSION  
4TH SUBMISSION  
3RD SUBMISSION  
2ND SUBMISSION  
10-10-22  
1ST SUBMISSION  
8-14-22

CURTAIN  
WALL  
DETAILS  
JOB NO.: 220811  
SHEET NO.: 8.02

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5  
14 A4.11

#12-14 ITW Buildex TEKS/3 screw with 2" min. spacing and 1/2" min. edge distance into 20Ga min. CFS framing per ICC-ES ESR 2713  
@ center: (1) anchor at each side of vertical mullion  
@ jambs: (3) anchors on one side of vertical mullion with 3" max. eccentricity from center of mullion



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6TH SUBMISSION

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3RD SUBMISSION

2ND SUBMISSION

10-10-22

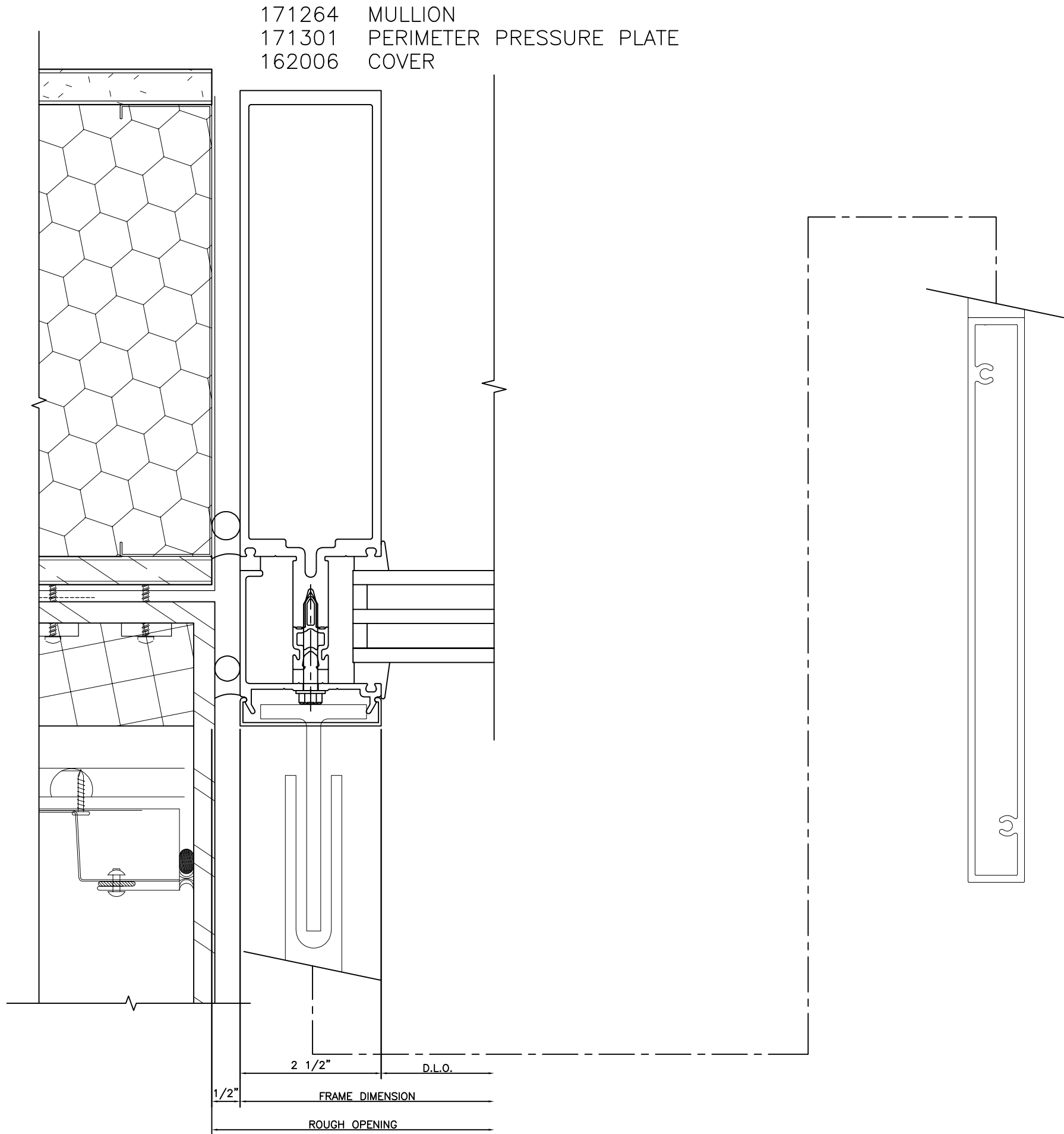
1ST SUBMISSION

8-14-22

CURTAIN  
WALL  
DETAILS

JOB NO.:  
220811

SHEET NO.:  
8.03



171264 MULLION  
171301 PERIMETER PRESSURE PLATE  
162006 COVER

6	
15	A4.11

KIRKLAND FIRE STATION 27  
13118 121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

6TH SUBMISSION

5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

2ND SUBMISSION

10-10-22

1ST SUBMISSION

8-14-22

CURTAIN  
WALL  
DETAILS

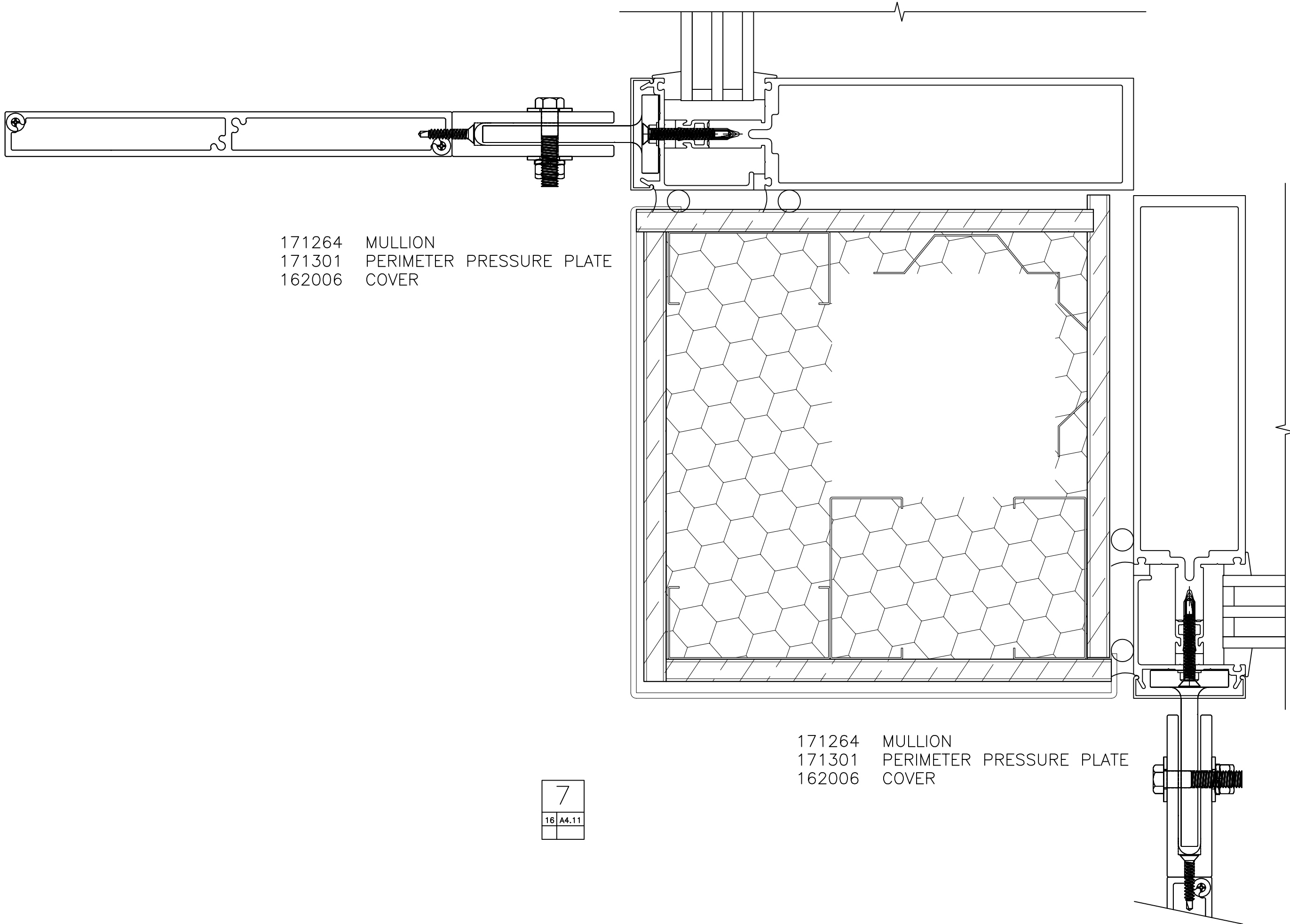
JOB NO.:

220811

SHEET NO.:

8.04

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425-241-6681  
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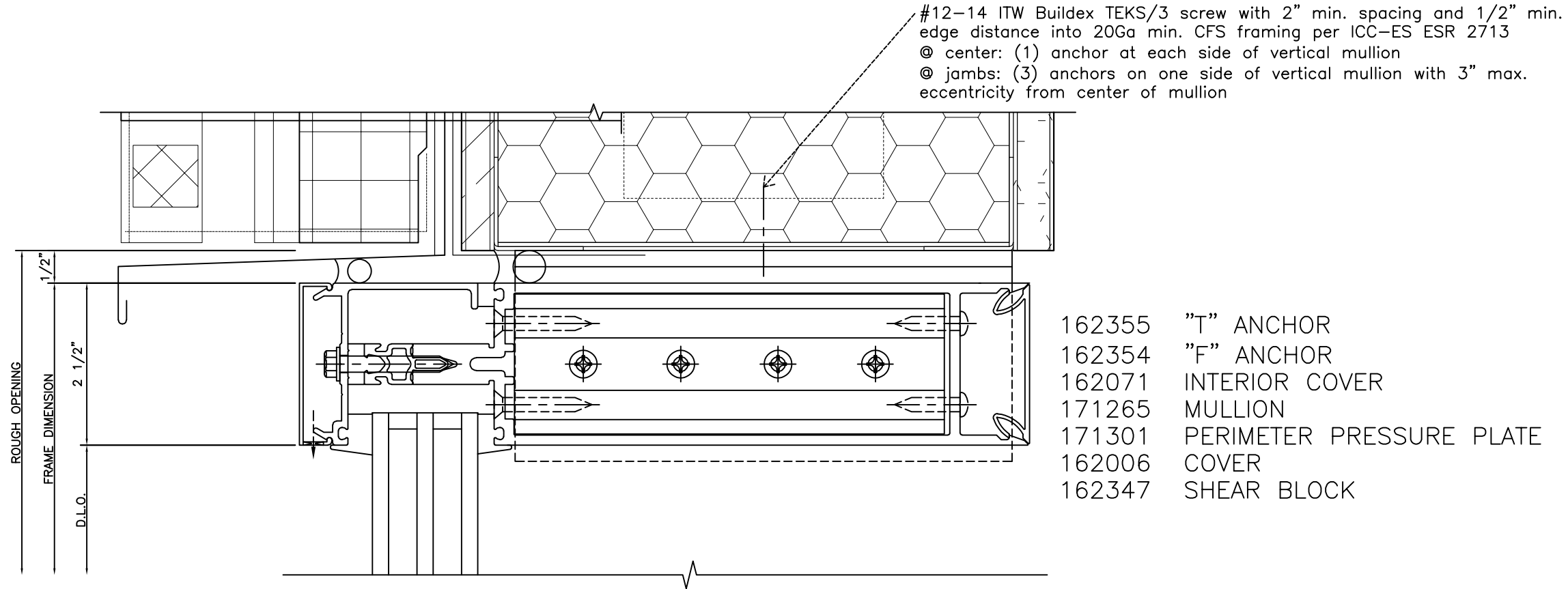
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171301 PERIMETER PRESSURE PLATE  
162006 COVER

171264 MULLION  
171301 PERIMETER PRESSURE PLATE  
162006 COVER

7  
16 A4.11

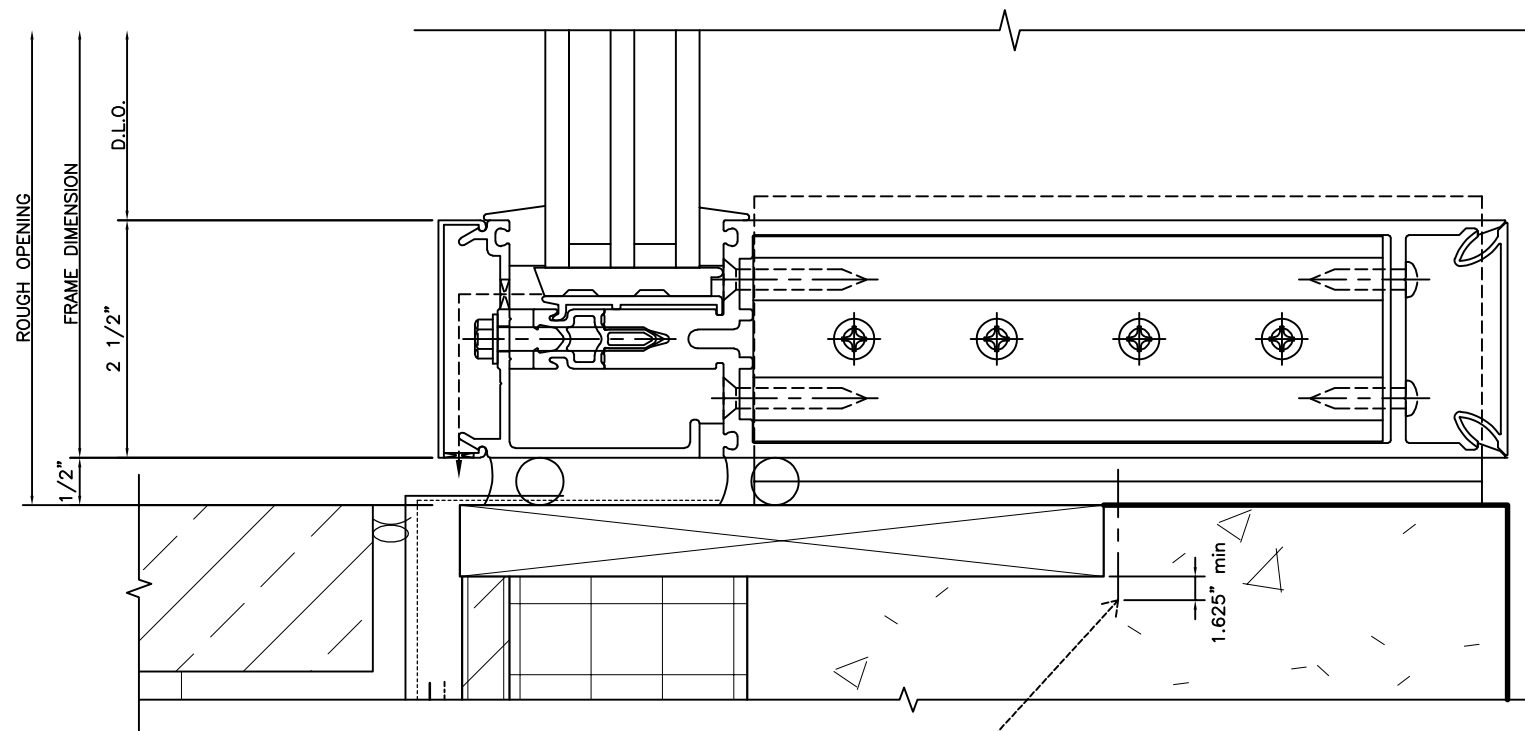
KIRKLAND FIRE STATION 27 13118 121ST WAY NE, KIRKLAND, WA 98034 PROJECT CUSTOMER		RIEHL DRAFTING PO BOX #74 SPANAWAY, WA 98387 425-241-6681 Email: RIEHLDRAFTING@GMAIL.COM	
6TH SUBMISSION		CURTAIN WALL DETAILS	
5TH SUBMISSION		JOB NO.: 220811	
4TH SUBMISSION		SHEET NO.: 8.05	
3RD SUBMISSION			
2ND SUBMISSION 10-10-22			
1ST SUBMISSION 8-14-22			

8
18 A4.11



- 162355 "T" ANCHOR
- 162354 "F" ANCHOR
- 162071 INTERIOR COVER
- 171265 MULLION
- 171301 PERIMETER PRESSURE PLATE
- 162006 COVER
- 162347 SHEAR BLOCK

9
19 A4.11



- 162355 "T" ANCHOR
- 162354 "F" ANCHOR
- 162071 INTERIOR COVER
- 171265 MULLION
- 171301 PERIMETER PRESSURE PLATE
- 162006 COVER
- 162347 SHEAR BLOCK

1/4" Dia. Simpson Titen HD screw anchor with 1.625" min. embed. per ICC-ES ESR 2713  
© center: (1) anchor at each side of vertical mullion with 2" min. edge distance and 4" min. spacing  
© jambs: (2) anchor on one side of vertical mullion with 1.5" min. edge distance and 1.5" min. spacing

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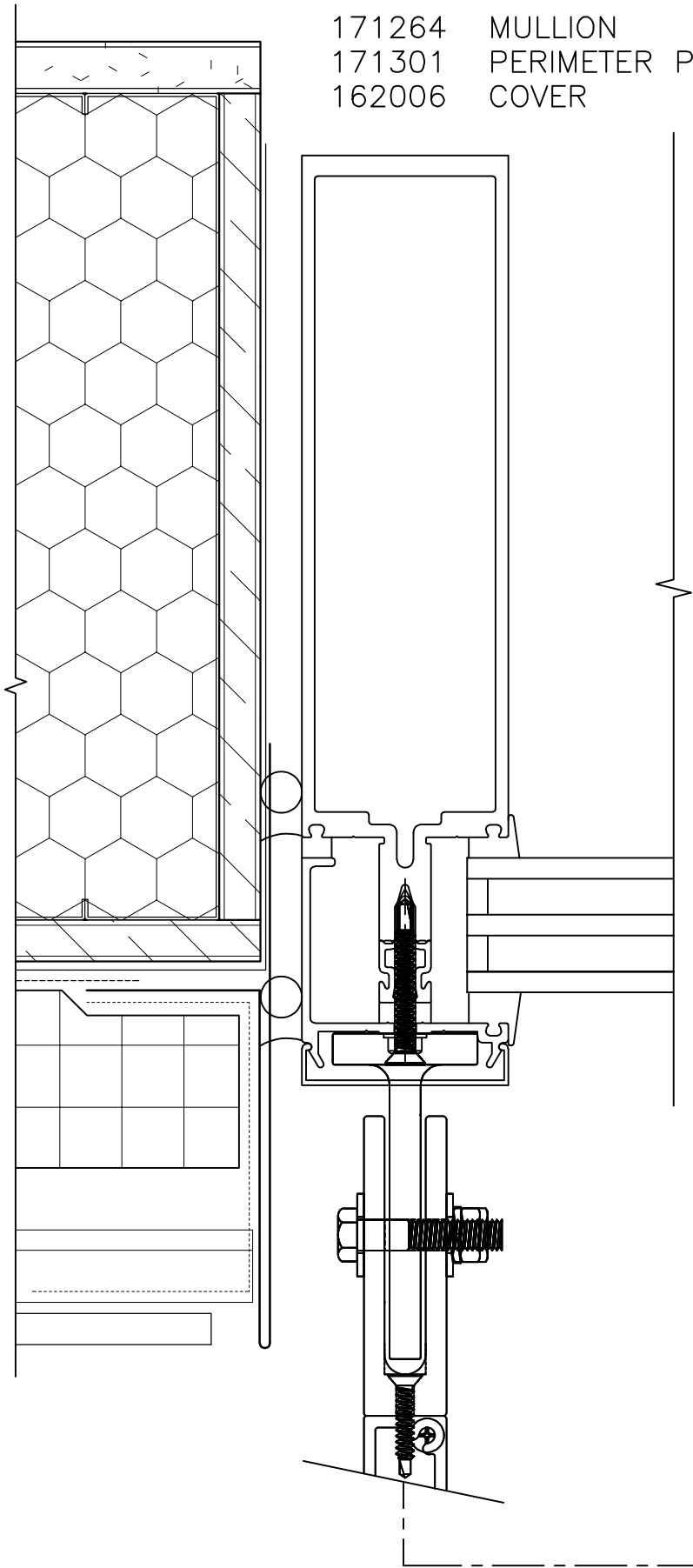
KIRKLAND FIRE STATION 27  
13118 121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22

CURTAIN  
WALL  
DETAILS

JOB NO.:  
220811

SHEET NO.:  
8.06



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11	A4.11

13118 KIRKLAND FIRE STATION 27  
121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

6TH SUBMISSION

5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

2ND SUBMISSION

10-10-22

1ST SUBMISSION

8-14-22

CURTAIN  
WALL  
DETAILS

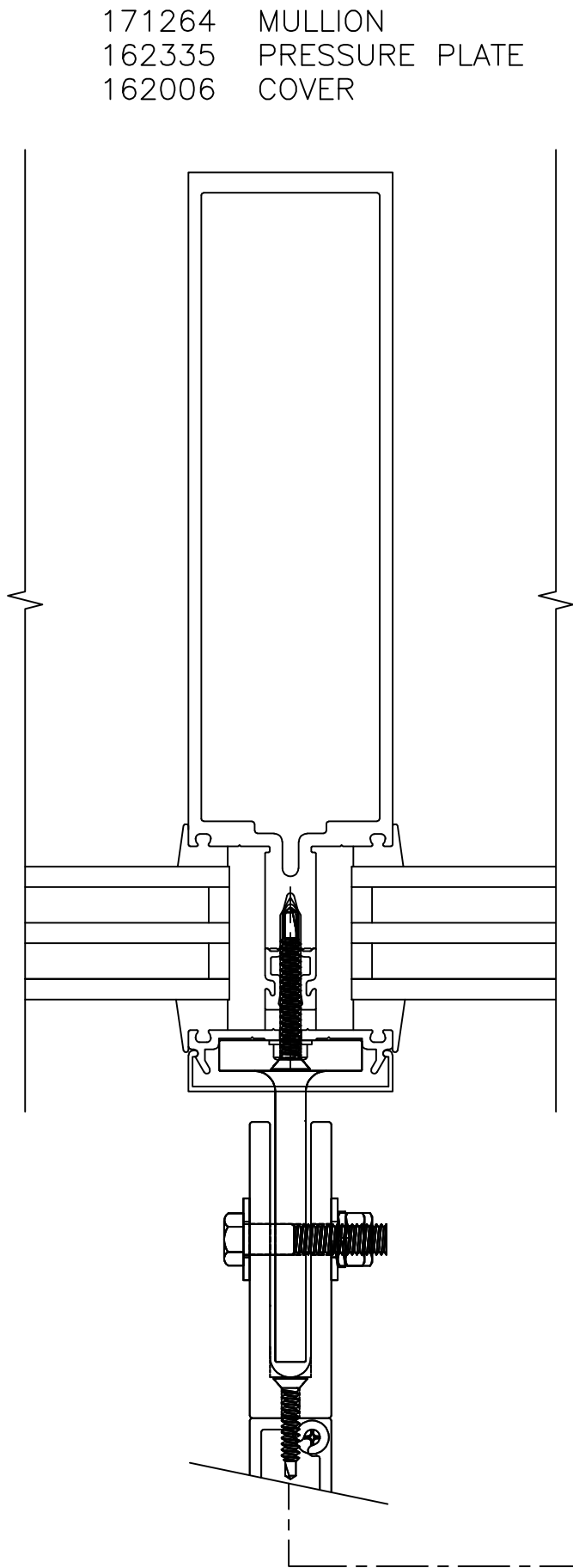
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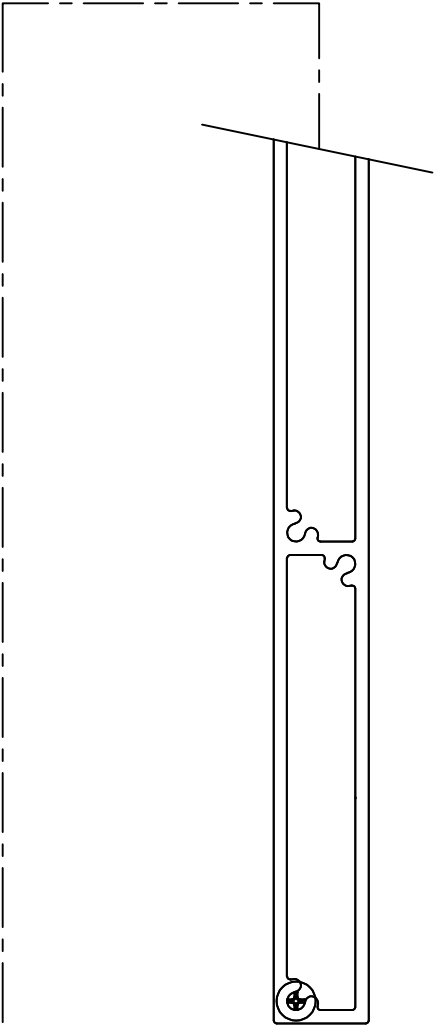
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162335 PRESSURE PLATE  
162006 COVER

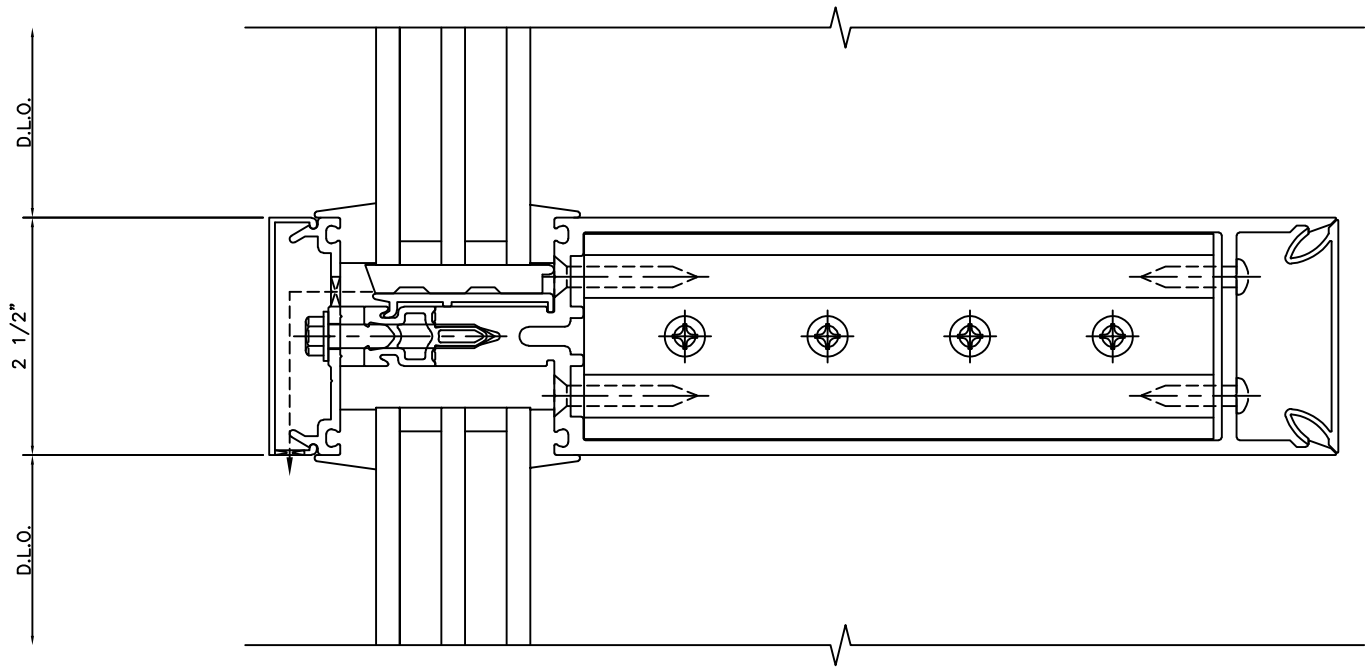


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CURTAIN WALL DETAILS		KIRKLAND FIRE STATION 27 13118 121ST WAY NE, KIRKLAND, WA 98034 PROJECT CUSTOMER		RIEHL DRAFTING PO BOX #74 SPANAWAY, WA 98387 425-241-6681 Email: RIEHLDRAFTING@GMAIL.COM	
JOB NO.: 220811		6TH SUBMISSION			
SHEET NO.: 8.08		5TH SUBMISSION			
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		3RD SUBMISSION			
		2ND SUBMISSION 10-10-22			
		1ST SUBMISSION 8-14-22			

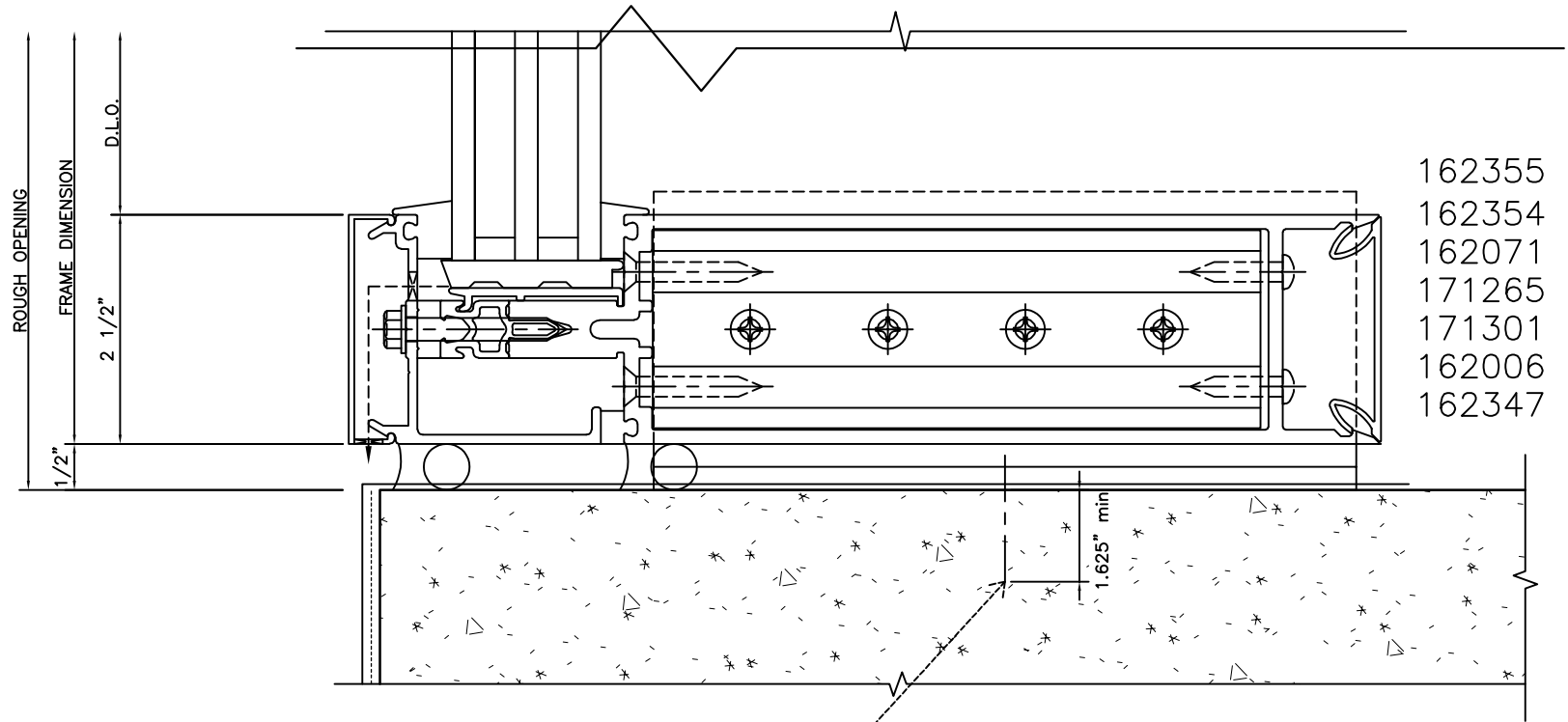


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- 162071 INTERIOR COVER
- 162335 PRESSURE PLATE
- 171265 MULLION
- 162347 SHEAR BLOCK
- 162006 COVER

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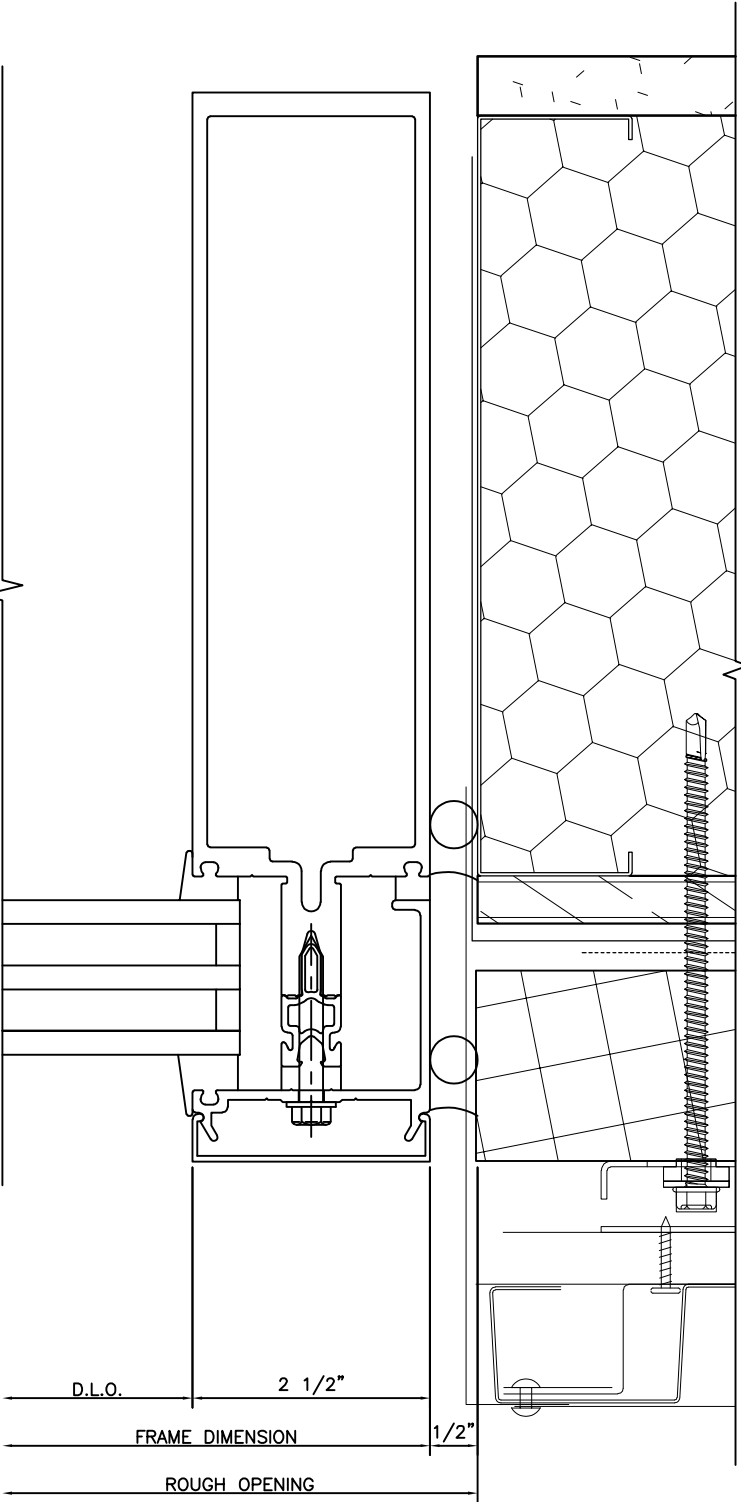


- 162355 "T" ANCHOR
- 162354 "F" ANCHOR
- 162071 INTERIOR COVER
- 171265 MULLION
- 171301 PERIMETER PRESSURE PLATE
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1/4" Dia. Simpson Titen HD screw anchor with 1.625" min. embed. per  
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edge distance and 4" min. spacing  
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edge distance and 1.5" min. spacing

171264 MULLION  
171301 PERIMETER PRESSURE PLATE  
162006 COVER

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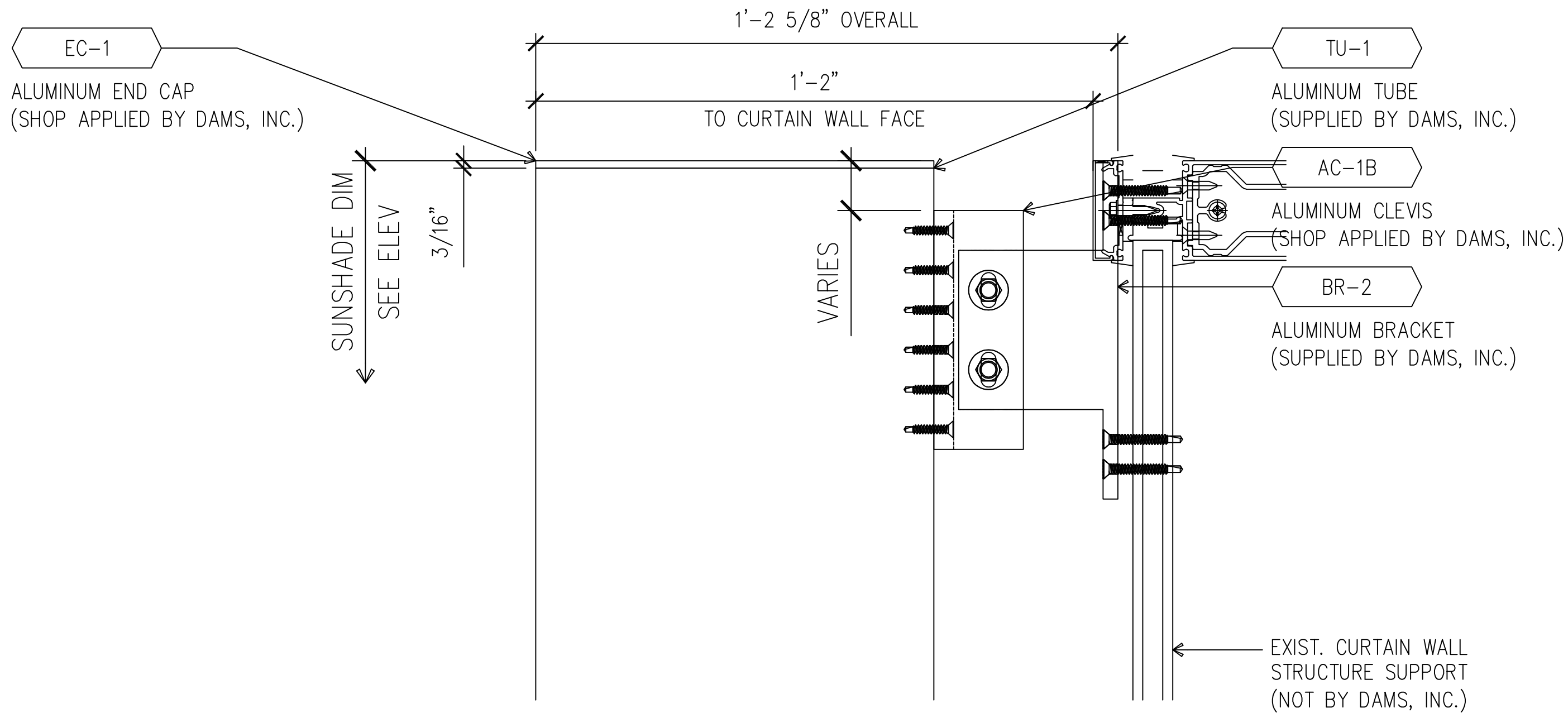
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PROJECT CUSTOMER

6TH SUBMISSION
5TH SUBMISSION
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2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22

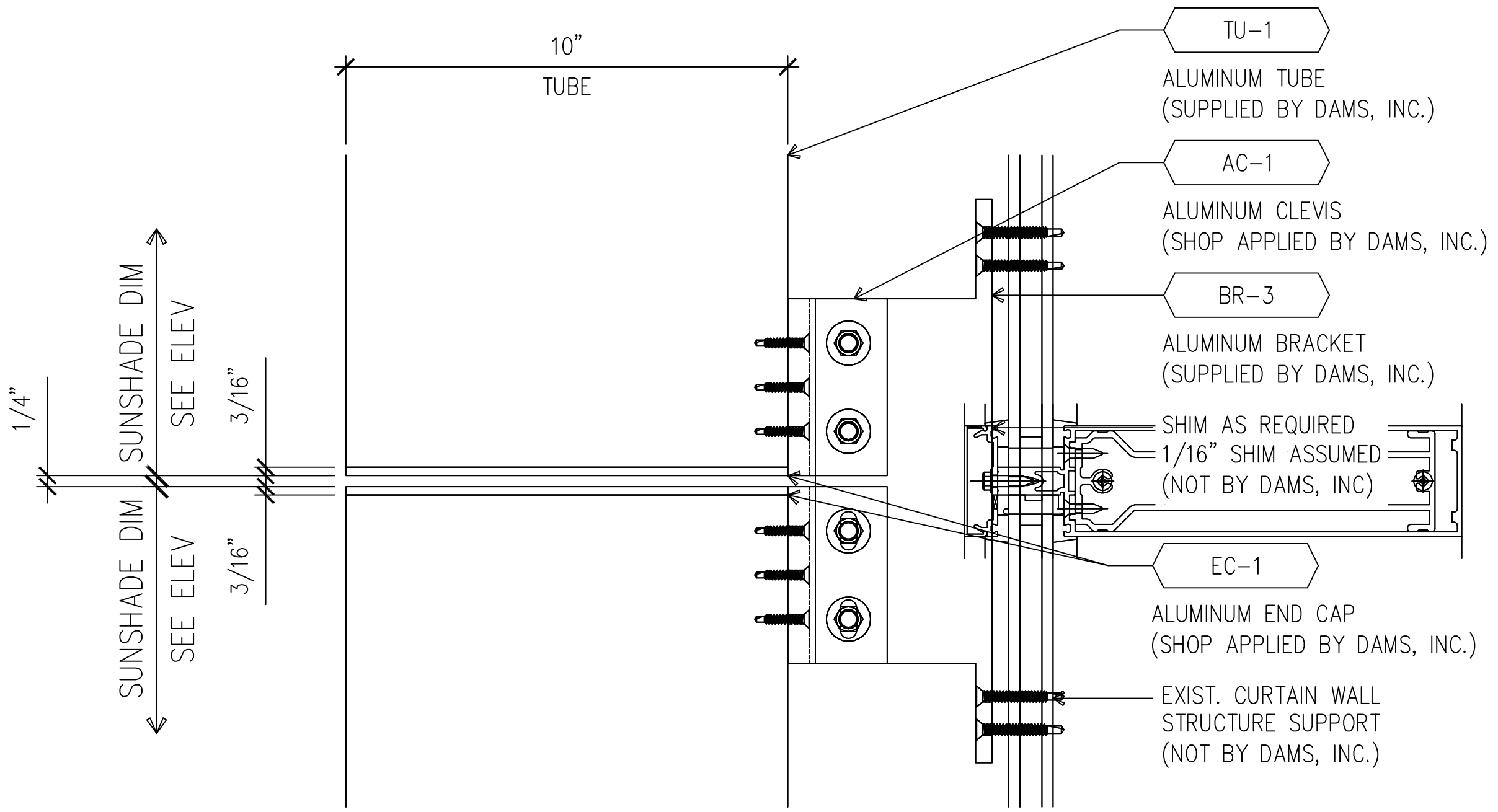
CURTAIN  
WALL  
DETAILS

JOB NO.: 220811
SHEET NO.: 8.10



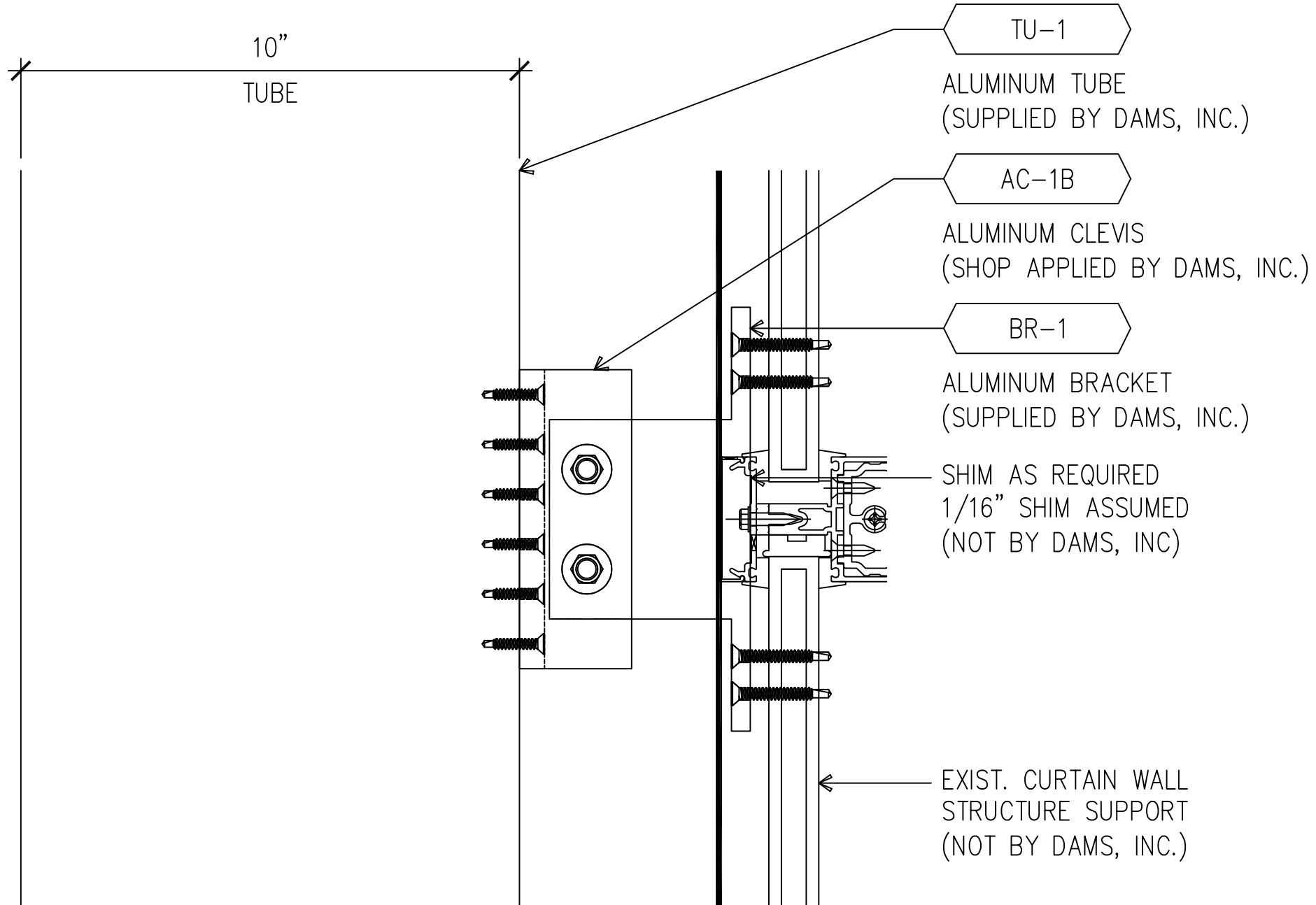
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KIRKLAND FIRE STATION 27 13118 121ST WAY NE, KIRKLAND, WA 98034 PROJECT CUSTOMER	
6TH SUBMISSION	
5TH SUBMISSION	
4TH SUBMISSION	
3RD SUBMISSION	
2ND SUBMISSION 10-10-22	
1ST SUBMISSION 8-14-22	
CURTAIN WALL DETAILS	
JOB NO.:	220811
SHEET NO.:	8.11



16  
7 601

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KIRKLAND FIRE STATION 27 13118 121ST WAY NE, KIRKLAND, WA 98034 PROJECT CUSTOMER	
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3RD SUBMISSION	
2ND SUBMISSION 10-10-22	
1ST SUBMISSION 8-14-22	
CURTAIN WALL DETAILS	
JOB NO.:	220811
SHEET NO.:	8.12



17	
4	601

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6TH SUBMISSION

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1ST SUBMISSION

8-14-22

CURTAIN  
WALL  
DETAILS

JOB NO.:

220811

SHEET NO.:






8.13

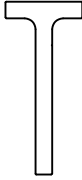

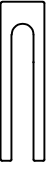


GENERAL NOTES	
PD	= PANEL DIMENSION. THIS DIMENSION IS FOR THE TRUE FACE OF PANEL DIMENSION THAT WILL BE FABRICATED AND INSTALLED IN THE FIELD. ALL PANEL DIMENSIONS NEED TO BE VERIFIED BEFORE FABRICATION.
CSL	= CRITICAL STUD LOCATION DIMENSION. THIS DIMENSION IS LOCATING A REFERENCE LINE FOR THE CENTERLINE OF THE STUD FRAMING INSTALLATION (NOT BY DAMS, INC.) FOR THE PANEL SYSTEM ATTACHMENT.
SD	= SUBSTRATE OVERALL DIMENSION FOR PANEL SYSTEM INSTALLATION. DIMENSIONS THAT NEED TO BE VERIFIED IN FIELD BEFORE PANEL FABRICATION AND INSTALLATION.
RD	= REFERENCE DIMENSION. USED TO SHOW EDGE OF PANEL FACE IN RELATION TO AN ARBITRARY REFERENCE LINE / OBJECT.
220811	= PANEL INSTALLATION TAG. PANEL INSTALLATION INFORMATION WILL BE ADDED DURING FABRICATION THAT WILL BE USED FOR SPECIFIC PANEL INSTALLATION LOCATION.
R	= PANEL CORNER RETURN TAG. TAG INDICATES A PANEL RETURN CORNER BEND. THE BEND TO MAKE ONE CONTINUOUS CORNER / ANGLE PANEL. REFER TO OTHER ADJACENT ELEVATION OR SECTION OF ADDITIONAL PANEL DIMENSION.
GRAIN	= PAINT FINISH GRAIN DIRECTION: PAINT FINISHES ARE DIRECTIONAL (ESPECIALLY METALLIC) USE THE ARROWS ON THE BACK OF THE PANELS AS A GUIDE TO INSURE PROPER INSTALLATION.
	= INDICATES REVISION CLOUD
	= ALIGN FACE OF MATERIAL
- G.C. TO ENSURE THAT STUDS / CLIP FRAMING (NOT BY DAMS, INC.) ARE A MIN 16 GA. AND ARE SPACED NO MORE THAN 16" O.C. (SEE CRITICAL STUD LOCATION DIMENSIONS)	
- G.C. TO COORDINATE WITH ALL SUBCONTRACTORS FOR THE EXTERIOR WALL INSULATION (NOT BY DAMS, INC.) RELEGATED TO THE EXTERIOR WALL SYSTEM.	
- G.C. TO COORDINATE WATERPROOFING / SEALING OF THE SUBSTRATE TO PREVENT PENETRATION OF MOISTURE INTO THE BUILDING.	
- G.C. / INSTALLER TO VERIFY THE SUBSTRATE TO BE STRAIGHT AND TRUE IN ORDER FOR SYSTEM COMPONENTS TO FIT PROPERLY.	
- PANEL TO PANEL JOINT DIMENSIONS AND PANEL TO ADJACENT MATERIAL JOINT DIMENSIONS SHOWN ARE NOMINAL AND SUBJECT TO A VARIATION OF +/- 1/8".	
- PANEL SLOPES ARE NOMINAL AND SUBJECT TO A VARIATION OF +/- 1.5'	
- ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO FABRICATION UNLESS RELEASED UPON GUARANTEED DIMENSIONS. 'GUARANTEED DIMENSIONS RELEASE FORM' REQUIRED TO BE COMPLETED BY INSTALLER PRIOR TO FABRICATION RELEASE.	
- DETAILS OF ADJACENT WORK ARE SHOWN FOR GRAPHIC COMPLETENESS ONLY. THE PROJECT ARCHITECT / PROJECT ENGINEER / THE CONTRACTOR SUPPLYING AND/OR INSTALLING THE STRUCTURAL SUPPORT IS RESPONSIBLE FOR THE DESIGN / INSTALLATION ACCOMMODATING ALL LOADS IMPOSED UPON IT BY THE PANEL / SUNSHADE SYSTEM COMPONENTS.	
- OUR ENGINEERING IS LIMITED TO THE LOAD CARRYING COMPONENTS OF THE PANEL / SUNSHADE SYSTEM AND ITS FASTENERS SHOWN ON THESE SHOP DRAWINGS.	
- THE SYSTEM DESIGN IS BASED ON INDUSTRY ACCEPTED TOLERANCES OF STRUCTURAL STEEL AND SUB FRAMING. MAJOR DEVIATIONS IN ALIGNMENT OF STRUCTURE THAT RESULT IN EXCESSIVE SHIMMING OR SHIM SPACE MAY AFFECT SYSTEM PERFORMANCE. ALLOWED FRAMING TOLERANCE IS +0-1/4". CONSULT DAMS, INC. PRIOR TO PROCEEDING WITH AN INSTALLATION THAT REQUIRES GREATER THAN 1/2" SHIMMING.	
- PROTECTIVE FILM SHOULD BE REMOVED AS SOON AS PRACTICAL. PROTECTIVE FILM LEFT IN PLACE FOR EXTENDED PERIODS MAY BE DIFFICULT TO REMOVE DEPENDING ON CLIMATE AND UV EXPOSURE. IMPROPER REMOVAL MAY CAUSE DAMAGE TO THE FINISH. DAMS, INC. ACCEPTS NO LIABILITY FOR DAMAGE RELATING TO THE REMOVAL OF THE PROTECTIVE FILM.	
- ALL ANCHORS & SHIMS TO STRUCTURE ARE NOT BY DAMS, INC., UNLESS NOTED OTHERWISE.	
- THESE DRAWINGS ARE BASED UPON: <u>ARCH. REFERENCE DWGS. 06.12.2022.</u>	

ENGINEER SPEC / NOTES: (SUNSHADES)	
FABRICATION:	SUNSHADES ARE TO BE ASSEMBLED WITH SCREWS, UNLESS NOTED OTHERWISE. WELDS ARE NOT GROUND SMOOTH FOR STRUCTURAL PURPOSES. WELDS SHOWN ARE MIN. SIZE AND CAN VARY UP TO 1/4" LARGER THAN WHAT IS CALLED OUT. WELDS MAY BLEED THROUGH DEPENDING UPON WELD SIZE, ESPECIALLY ON THIN MATERIAL. SUNSHADE SIZE TOLERANCE IS +/-1/8". ALL OTHER TOLERANCES +/-1/8".

RAW MATERIAL/PANEL LIMITATIONS:	
NOTE:	SOME PANEL PANS MAY EXCEED THE MAXIMUM RAW COMPOSITE MANUFACTURERS SIZE AVAILABLE AND ACCORDINGLY, ADDITIONAL JOINTS HAVE BEEN ADDED IN SOME LOCATIONS. MAXIMUM COIL WIDTH IS 62" (ACROSS GRAIN DIRECTION) MAXIMUM PANEL LENGTHS SHALL NOT EXCEED 16'-0" (ALONG GRAIN DIRECTION).
NOTE:	SOME PANEL PANS MAY EXCEED THE MAXIMUM RAW ALUMINUM MANUFACTURERS SIZE AVAILABLE AND ACCORDINGLY, ADDITIONAL JOINTS HAVE BEEN ADDED IN SOME LOCATIONS. MAXIMUM COIL WIDTH IS 60" (ACROSS GRAIN DIRECTION) MAXIMUM PANEL LENGTHS SHALL NOT EXCEED 12'-0" (ALONG GRAIN DIRECTION).

SHOP DRAWING ABBREVIATIONS	
B/	= BOTTOM OF
CL	= CENTERLINE
CSL	= CRITICAL STUD LOCATION
EJ	= EXPANSION JOINT
EQ	= EQUAL
F/	= FACE OF
HWH	= HEX WASHER HEAD
NBD	= NOT BY DAMS, INC.
OA	= OVERALL
OC	= ON CENTER
OD	= OVERALL DIMENSION
OPP	= OPPOSITE
PD	= PANEL DIMENSION
RCP	= REFLECTED CEILING PLAN
RD	= REFERENCE DIMENSION
REQ	= REQUIRED
RO	= ROUGH OPENING
SOS	= SELF DRILLING SCREW
SM	= SIMILAR
S/S	= STAINLESS STEEL
STL	= STEEL
T/	= TOP OF
TYP	= TYPICAL
UNO	= UNLESS NOTED OTHERWISE
VF	= VERIFY IN FIELD
WP	= WORK POINT

FASTENER SCHEDULE		
TAG	DESCRIPTION	PROFILE
F1	#12-24 x 1" PHFH 18-8 SST, SHEET METAL SCREW, PAINTED END CAP FASTENER (SHOP APPLIED BY DAMS INC)	
F2	#12-24 x 1.25" PHFH 18-8 SST, SHEET METAL SCREW, PAINTED CLEVIS FASTENER (SHOP APPLIED BY DAMS INC)	
F3	3/8" x 1.75" SS THRU BOLT W/ NUT, LOCK NUT & WASHER (FLAT & LOCK) STAINLESS STEEL FINISH BRACKET FASTENER (PROVIDED BY DAMS INC)	
F4	3/8" x 1.5" ELDO TAP-FLEX BOLTS, SELF-TAPPING BOLTS BRACKET FASTENER  MIN. THREAD ENGAGE: 1/4"  INSTALL W/ LOCKTITE (NOT BY DAMS, INC.)	
F5	1/4-14 x 2" PHFH 18-8 SST, SHEET METAL SCREW CURTAIN WALL FASTENER  MIN. THREAD ENGAGE: 0.50" INTO MULLION SCREW CHASE MIN. TREAD ENGAGE: 0.10" INTO MULLION BACKWALL (NOT BY DAMS, INC.)	
NOTE: ATTACHMENT SPACING TO BE DETERMINED BY FINAL ENGINEERING CALCULATIONS AND WILL BE REFLECTED ON INSTALLATION DRAWINGS PROVIDED BY DAMS, INC.		

EXTRUSION SCHEDULE							
TAG	PROFILE	TAG	PROFILE	TAG	PROFILE	TAG	PROFILE
BR-1 BR-2 BR-3				AC-1		AC-1B	
	DESCRIPTION ALUMINUM BRACKET 3/8" THICK TYPE 6061-T6 (DRO-195)		DESCRIPTION		DESCRIPTION ALUMINUM CLEVIS 4" LENGTH TYPE 6063-T6		DESCRIPTION ALUMINUM CLEVIS 6" LENGTH TYPE 6063-T6
TU-1							
	DESCRIPTION ALUMINUM TUBE INFILL 10" LENGTH TYPE 6063-T6 (DRO-244)		DESCRIPTION		DESCRIPTION		DESCRIPTION
EC-1							
	DESCRIPTION ALUMINUM TUBE INFILL TYPE 6063-T6 (DRO-244)		DESCRIPTION		DESCRIPTION		DESCRIPTION

MISC BREAK METAL SCHEDULE							
TAG	PROFILE	TAG	PROFILE	TAG	PROFILE	TAG	PROFILE
	DESCRIPTION		DESCRIPTION		DESCRIPTION		DESCRIPTION
	DESCRIPTION		DESCRIPTION		DESCRIPTION		DESCRIPTION

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PO BOX #74  
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121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

6TH SUBMISSION

5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

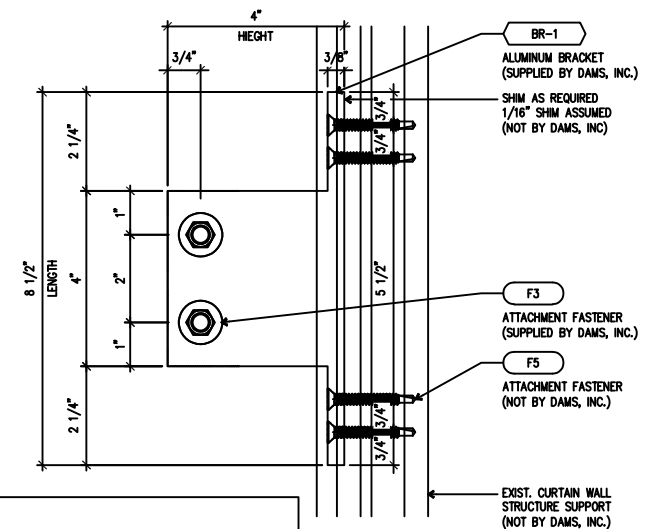
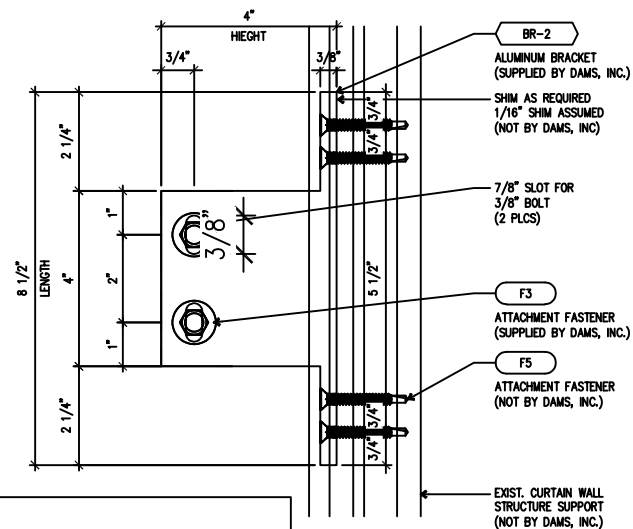
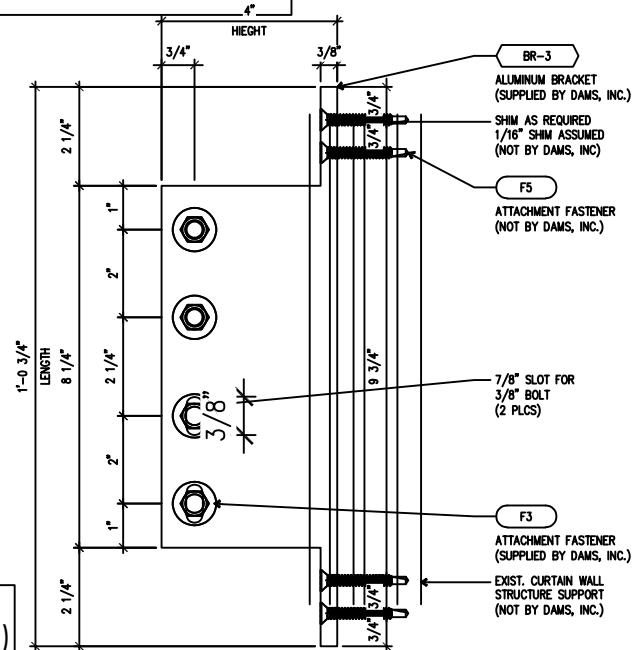
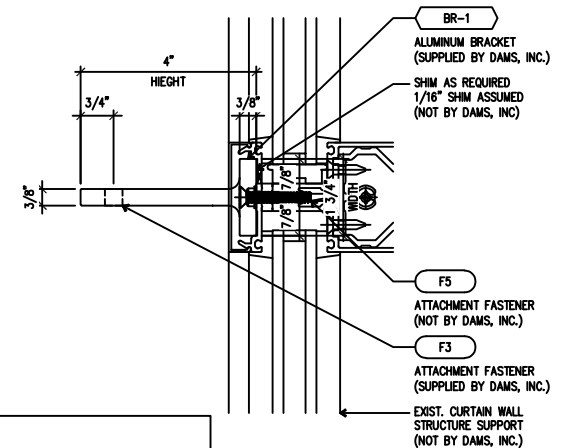
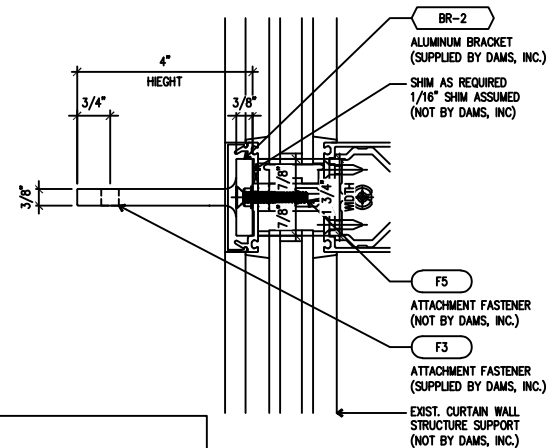
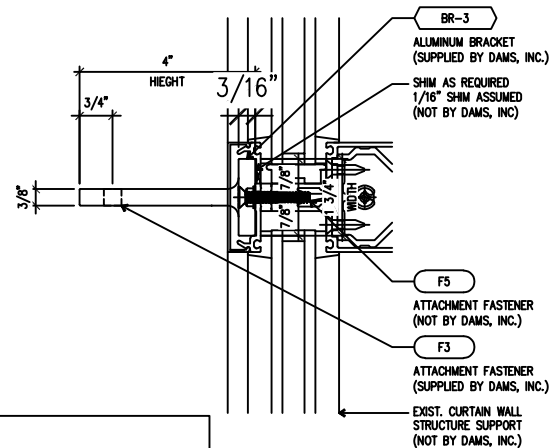
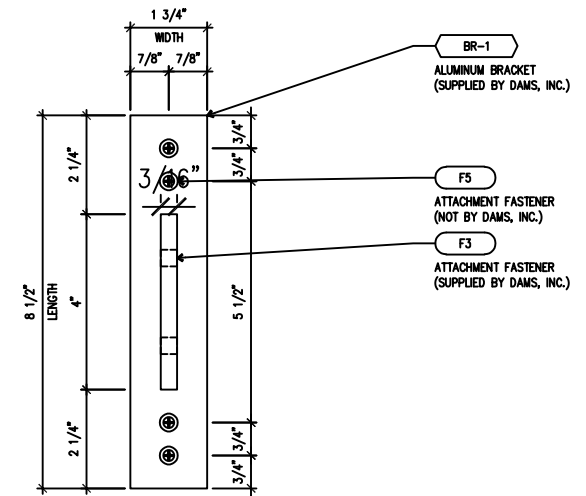
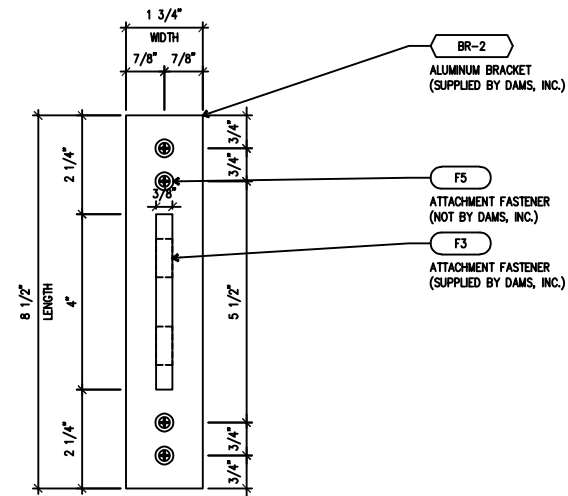
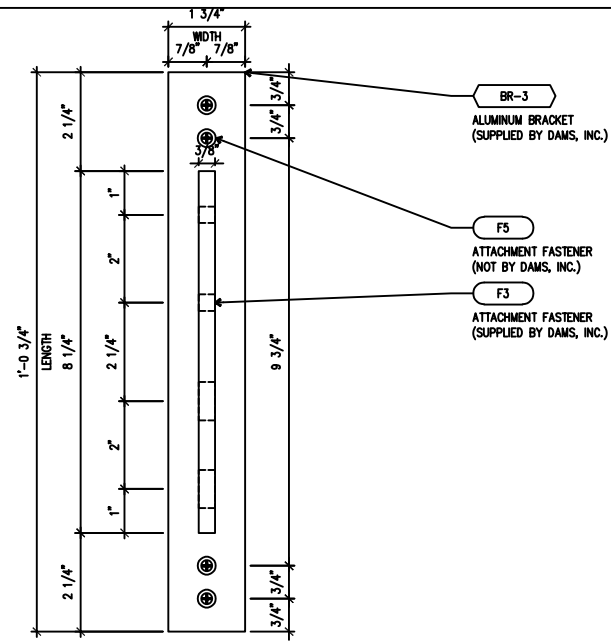
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10-10-22

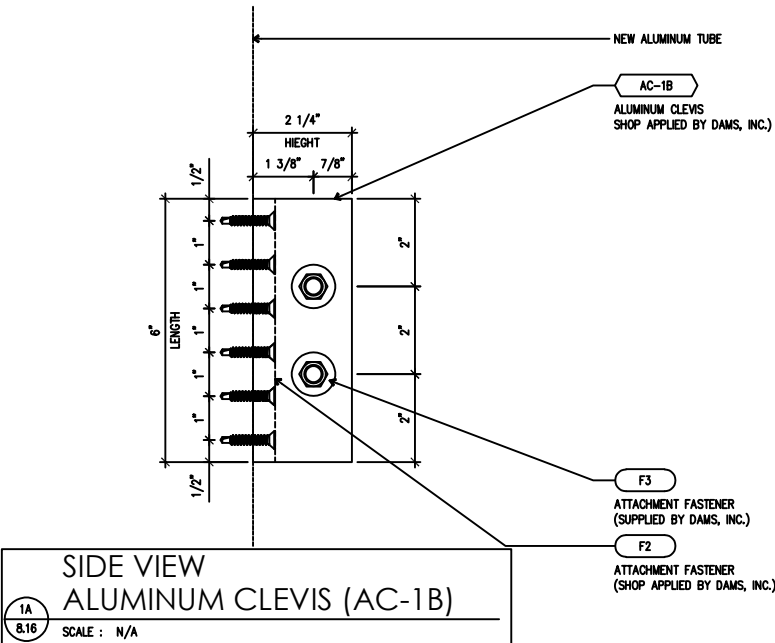
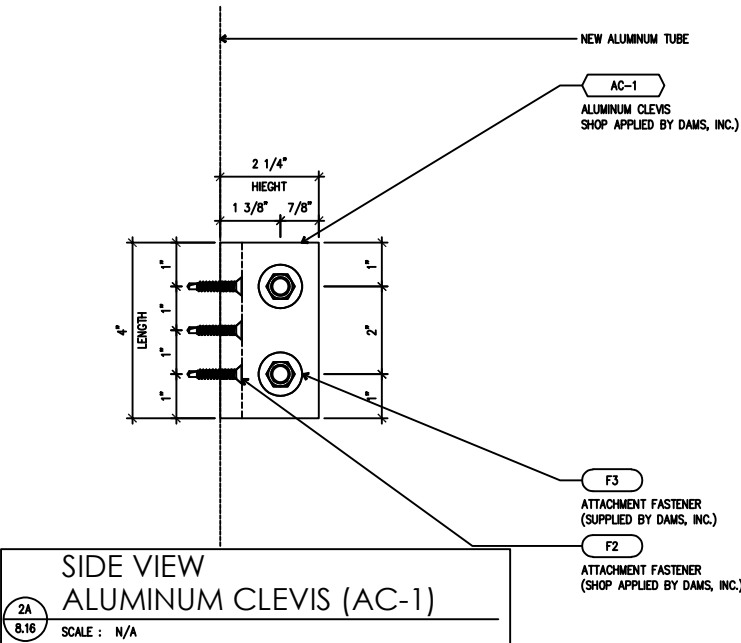
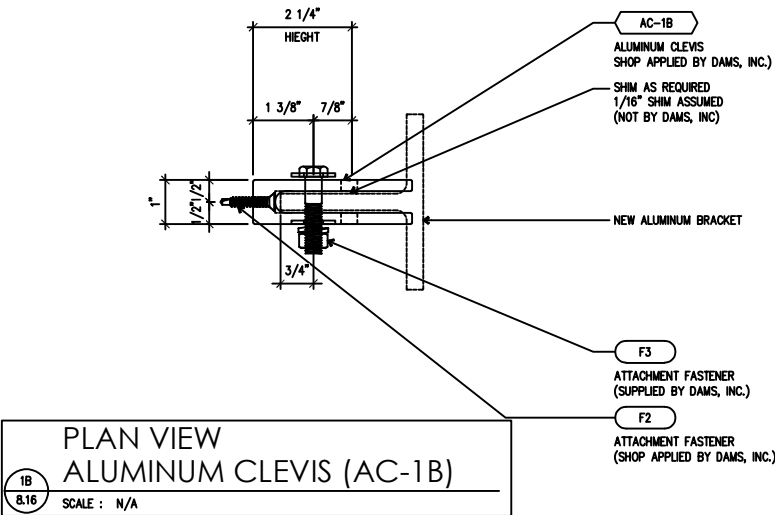
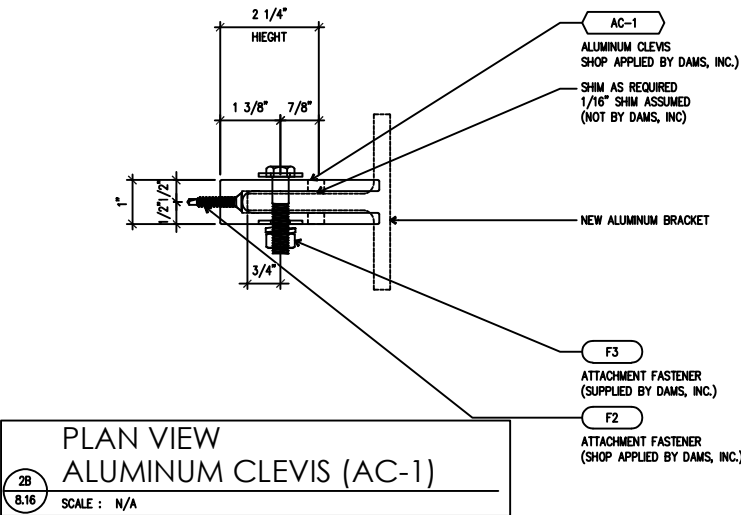
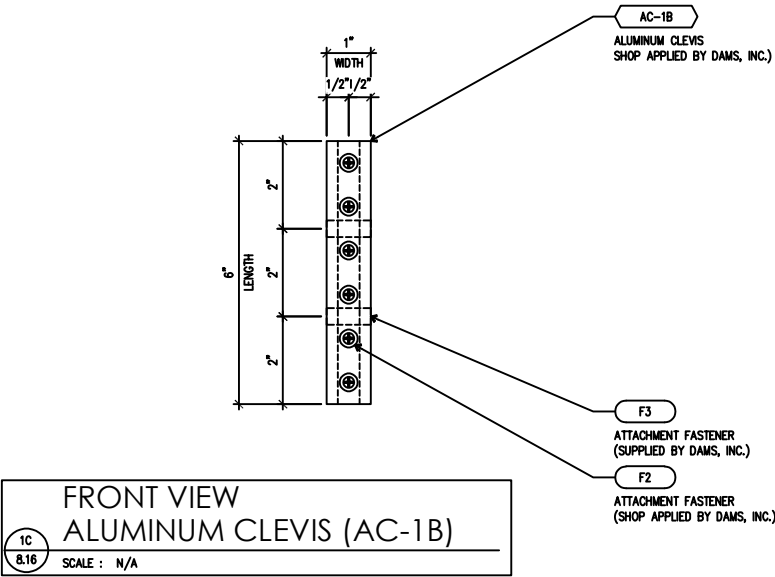
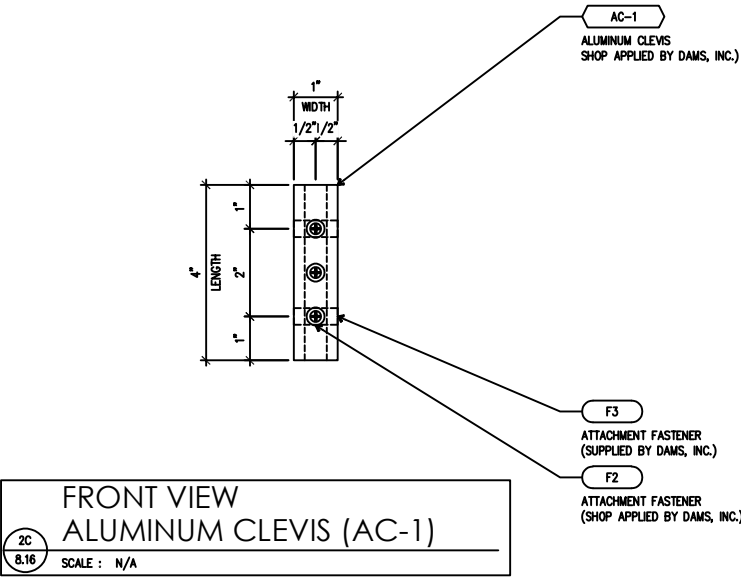
1ST SUBMISSION  
8-14-22

CURTAIN WALL  
DETAILS

JOB NO.:  
220811

SHEET NO.:  
8.14





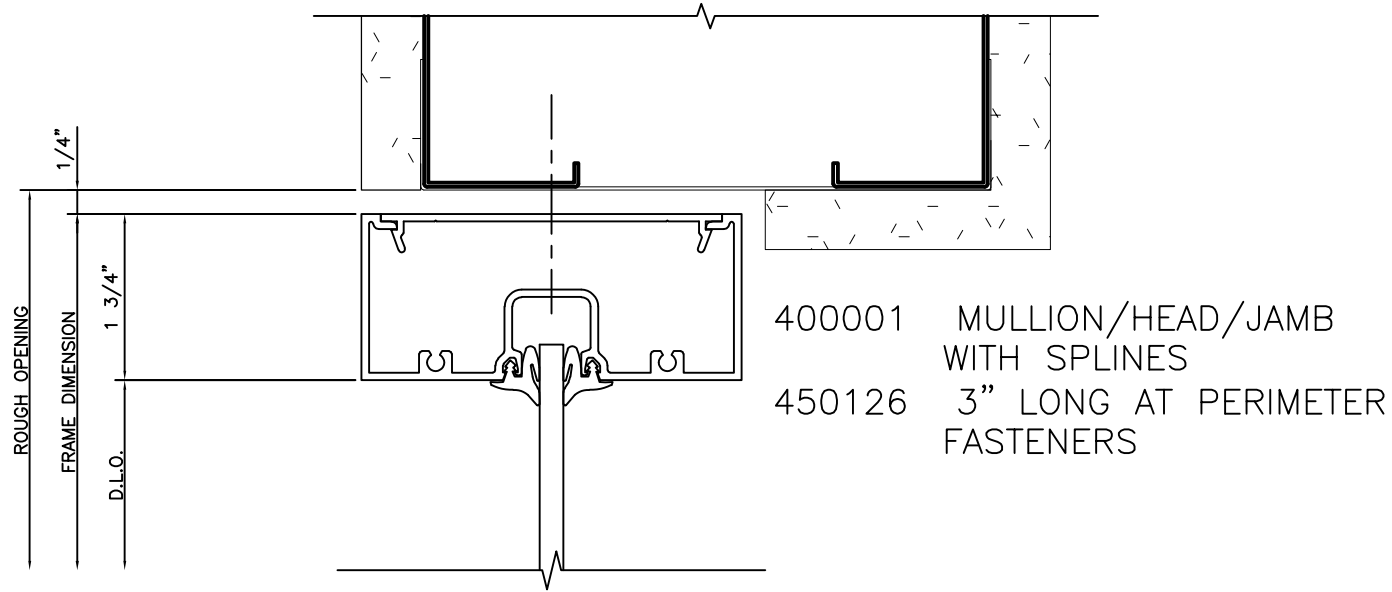
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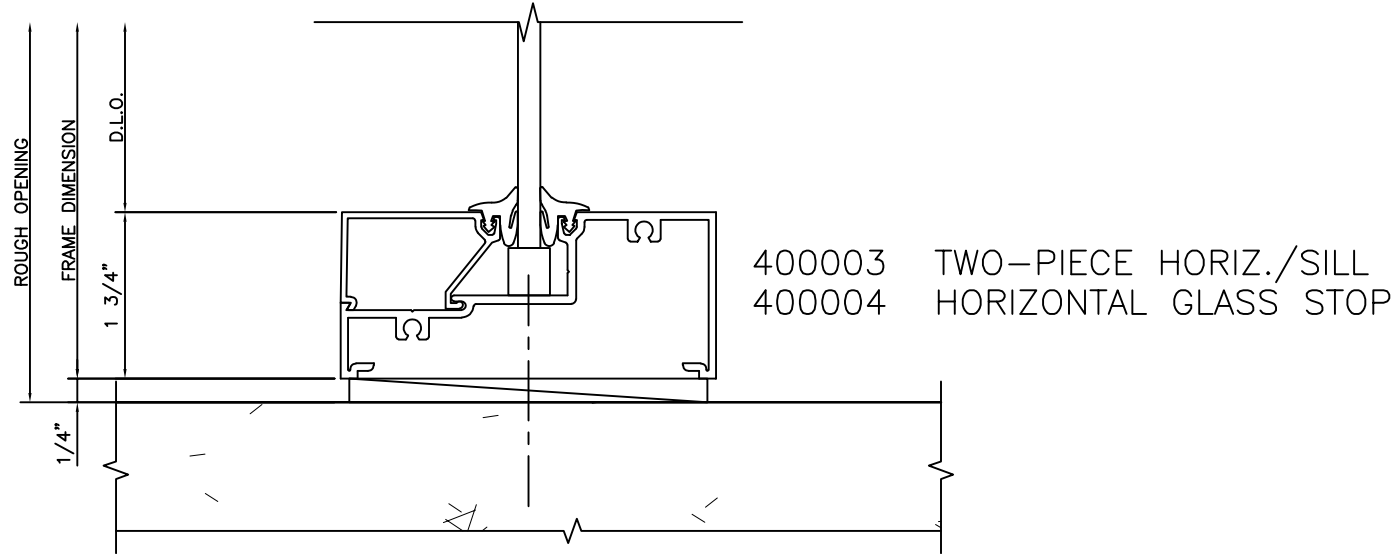
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JOB NO.: 220811
SHEET NO.: 8.16



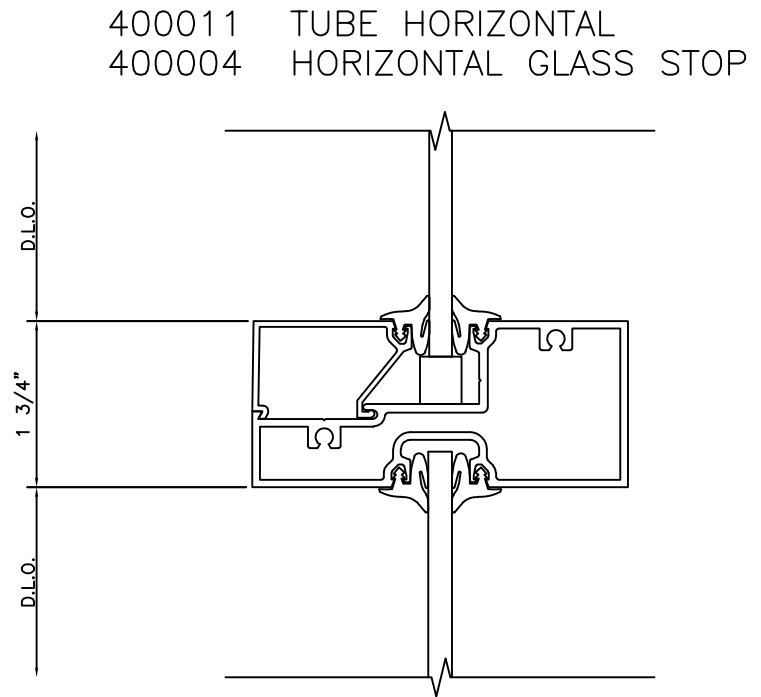
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2	
3	A9.4



3	



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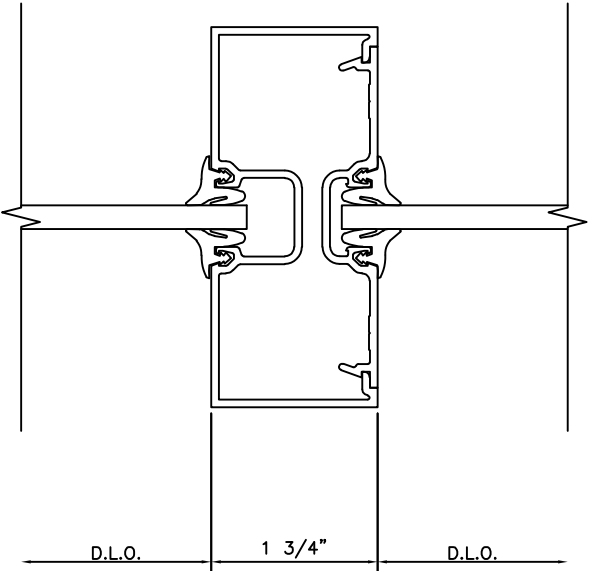
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8-14-22

STOREFRONT  
DETAILS

JOB NO.:  
220811

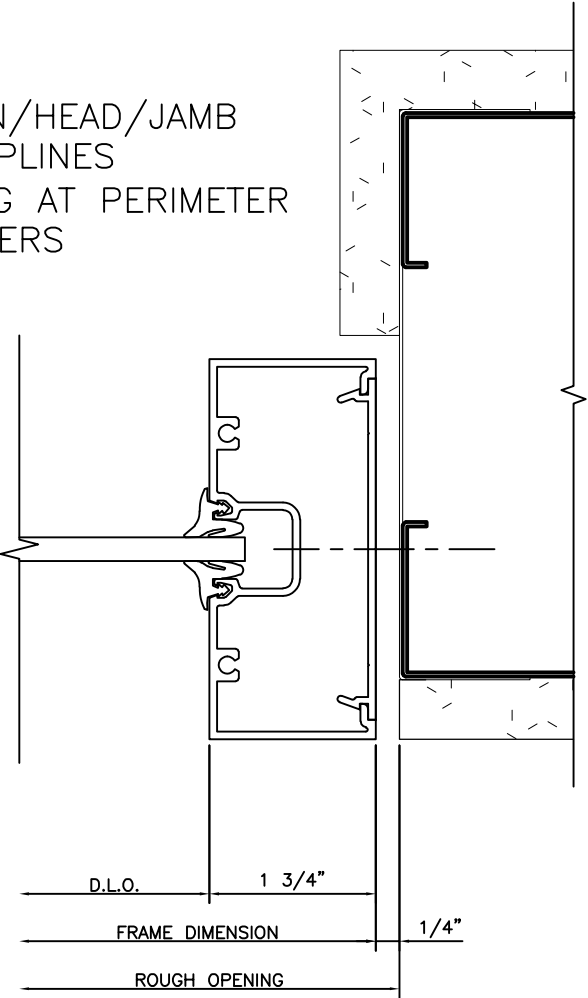
SHEET NO.:  
9.01

400012 MULLION/HEAD/JAMB  
WITHOUT SPLINES  
450CG002 POCKET FILLER



4

400001 MULLION/HEAD/JAMB  
WITH SPLINES  
450126 3" LONG AT PERIMETER  
FASTENERS



5
5
A9.4

RIEHL DRAFTING  
PO BOX #74  
SPANAWAY, WA 98387  
425-241-6681  
Email: RIEHLDRAFTING@GMAIL.COM

KIRKLAND FIRE STATION 27  
13118 121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

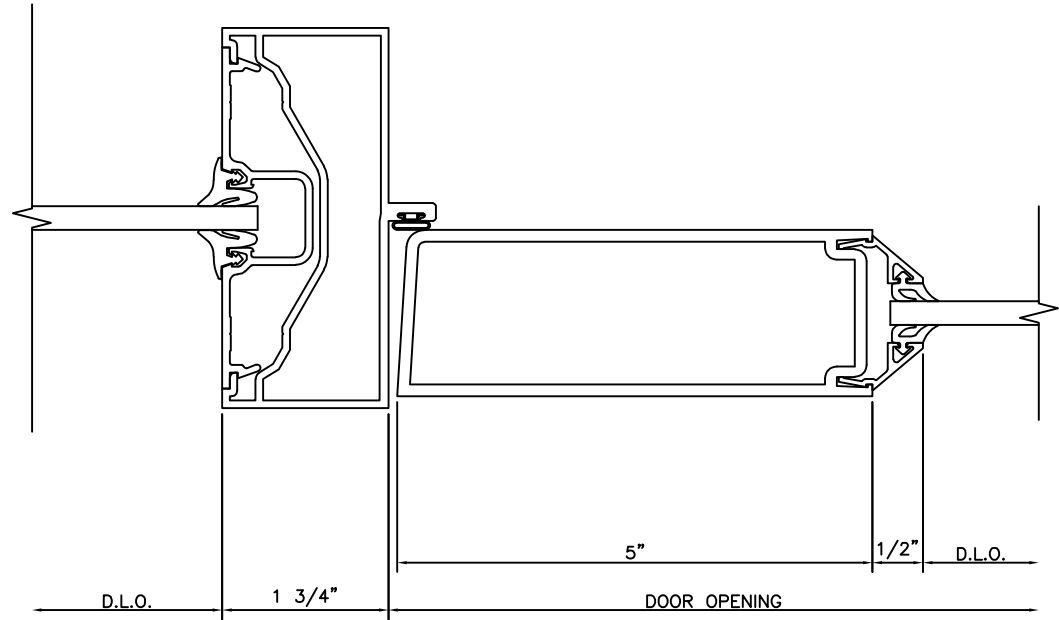
6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22

STOREFRONT  
DETAILS

JOB NO.:  
220811

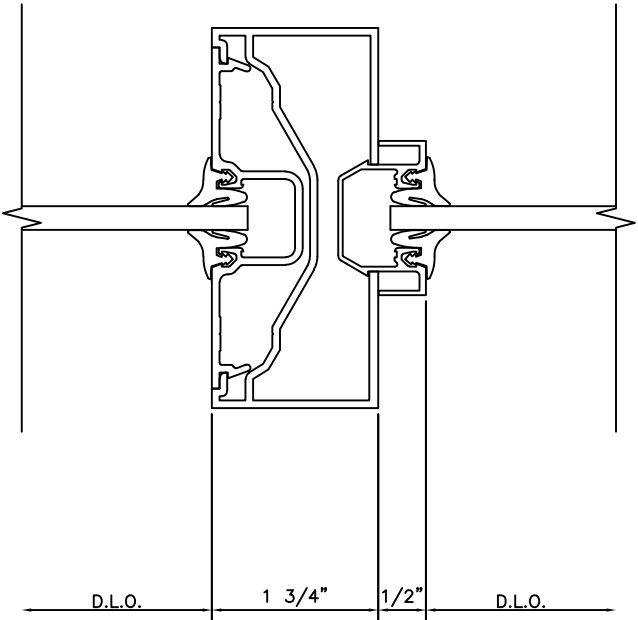
SHEET NO.:  
9.02

400599 S/A OPEN BACK DOOR JAMB  
WITH WEATHERING  
450CG028 POCKET FILLER  
200008 500 BEVELED DOOR STILE



6

400599 S/A OPEN BACK DOOR JAMB  
WITH WEATHERING  
450033 POCKET INSERT  
450CG028 POCKET FILLER



7

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KIRKLAND FIRE STATION 27  
13118 121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

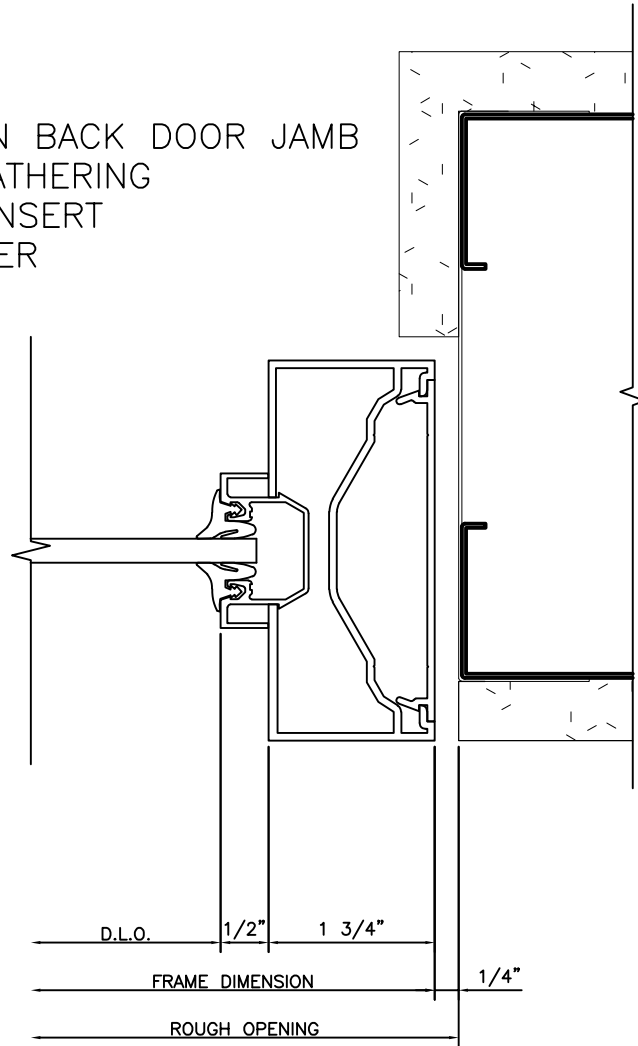
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5TH SUBMISSION  
4TH SUBMISSION  
3RD SUBMISSION  
2ND SUBMISSION  
10-10-22  
1ST SUBMISSION  
8-14-22

STOREFRONT  
DETAILS

JOB NO.:  
220811

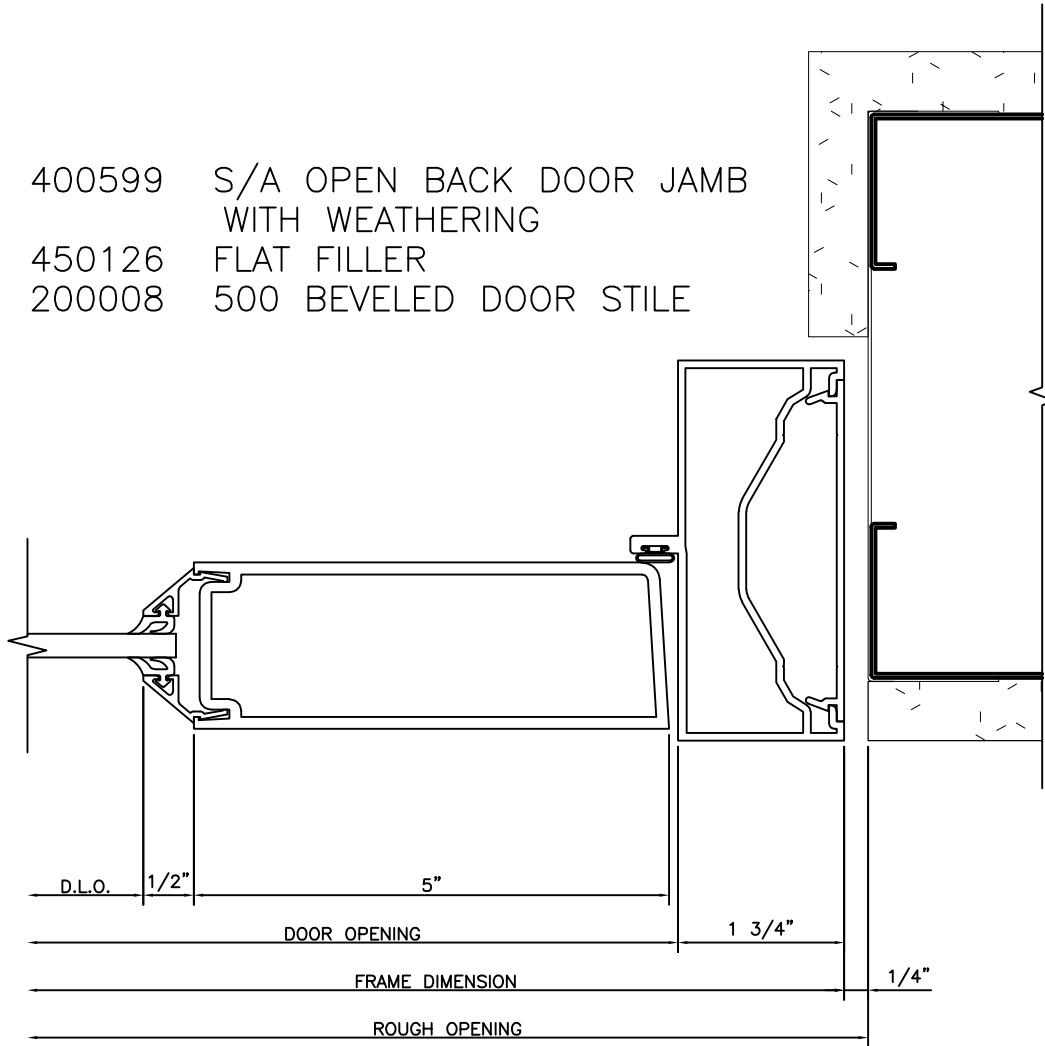
SHEET NO.:  
9.03

- 400599 S/A OPEN BACK DOOR JAMB  
WITH WEATHERING  
450033 POCKET INSERT  
450126 FLAT FILLER



8		
5	A9.4	SIM

- 400599 S/A OPEN BACK DOOR JAMB  
WITH WEATHERING  
450126 FLAT FILLER  
200008 500 BEVELED DOOR STILE



9		
5	A9.4	SIM

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425-241-6681  
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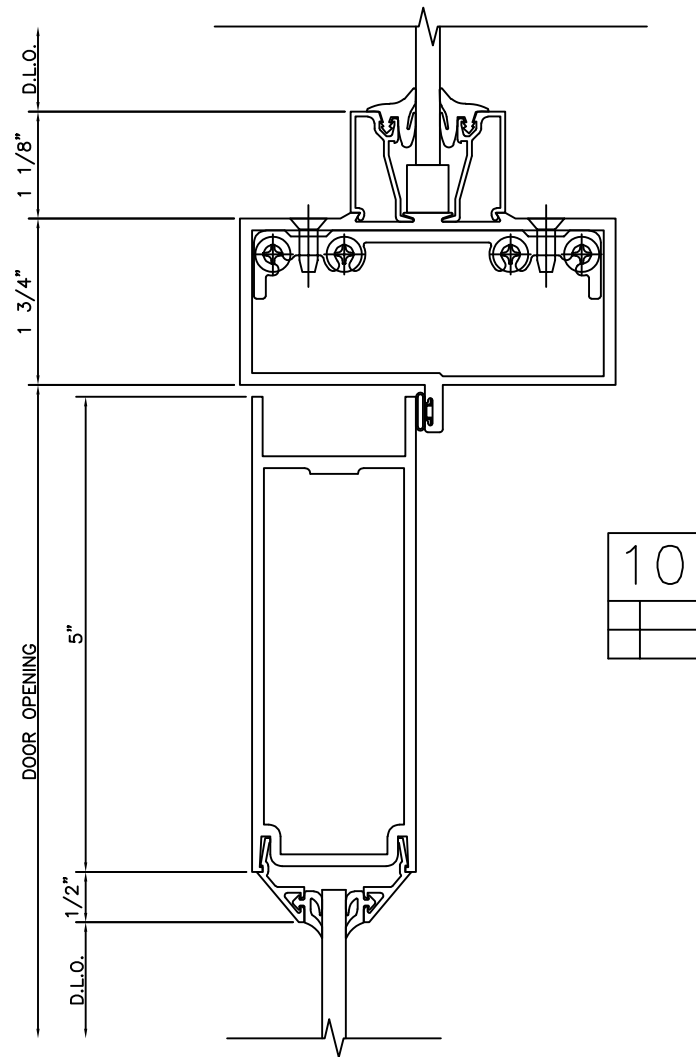
KIRKLAND FIRE STATION 27  
13118 121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22

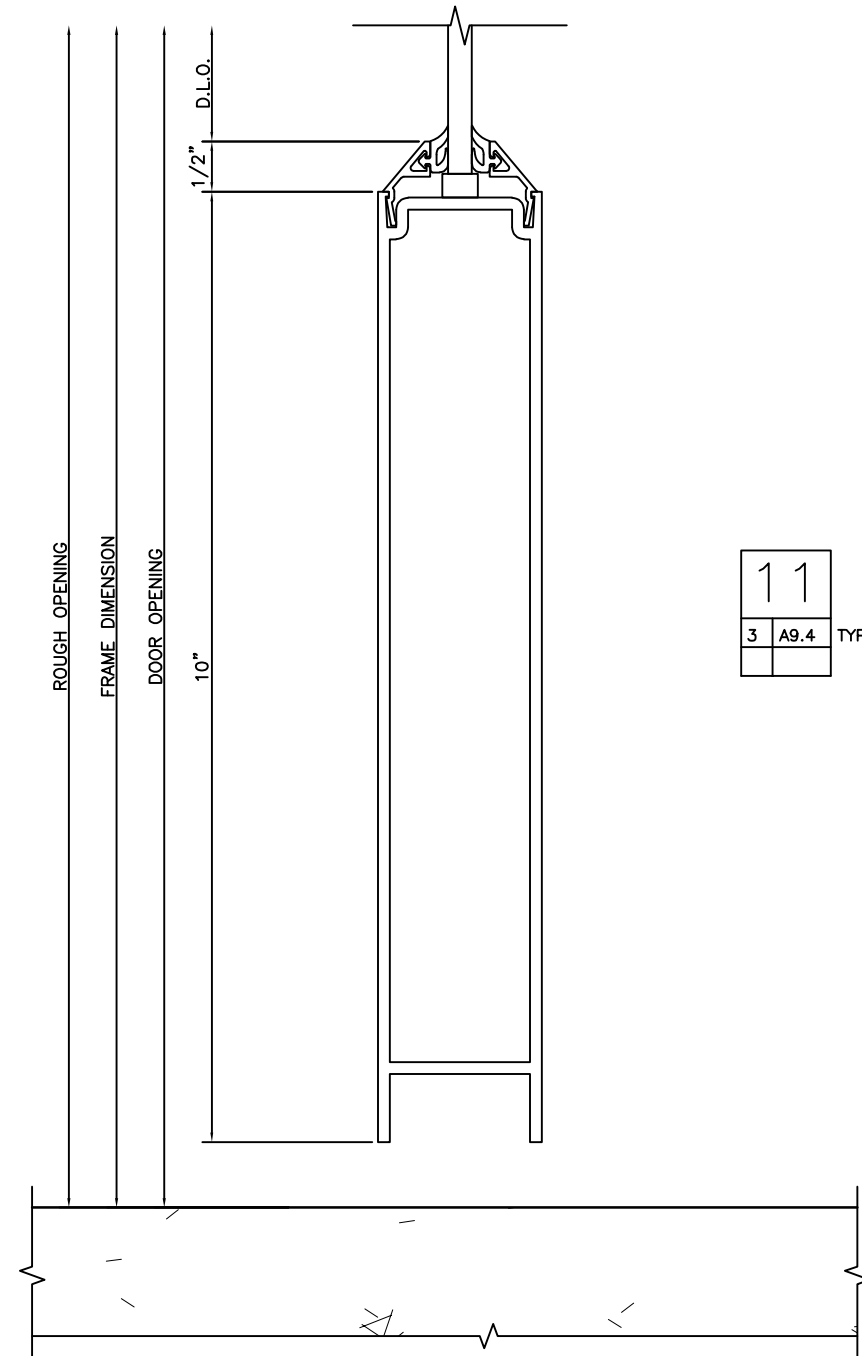
STOREFRONT  
DETAILS

JOB NO.:  
220811  
SHEET NO.:  
9.04

400506 S/A T-BAR HEADER CLIP  
PACKAGE 400502 S/A T-BAR/HEADER  
WITH WEATHERING  
450022 T-BAR GLASS STOP  
200025 STANDARD 500 TOP DOOR RAIL



200038 STANDARD 10" RAIL



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KIRKLAND FIRE STATION 27  
13118 121ST WAY NE, KIRKLAND, WA 98034  
PROJECT CUSTOMER

6TH SUBMISSION

5TH SUBMISSION

4TH SUBMISSION

3RD SUBMISSION

2ND SUBMISSION

10-10-22

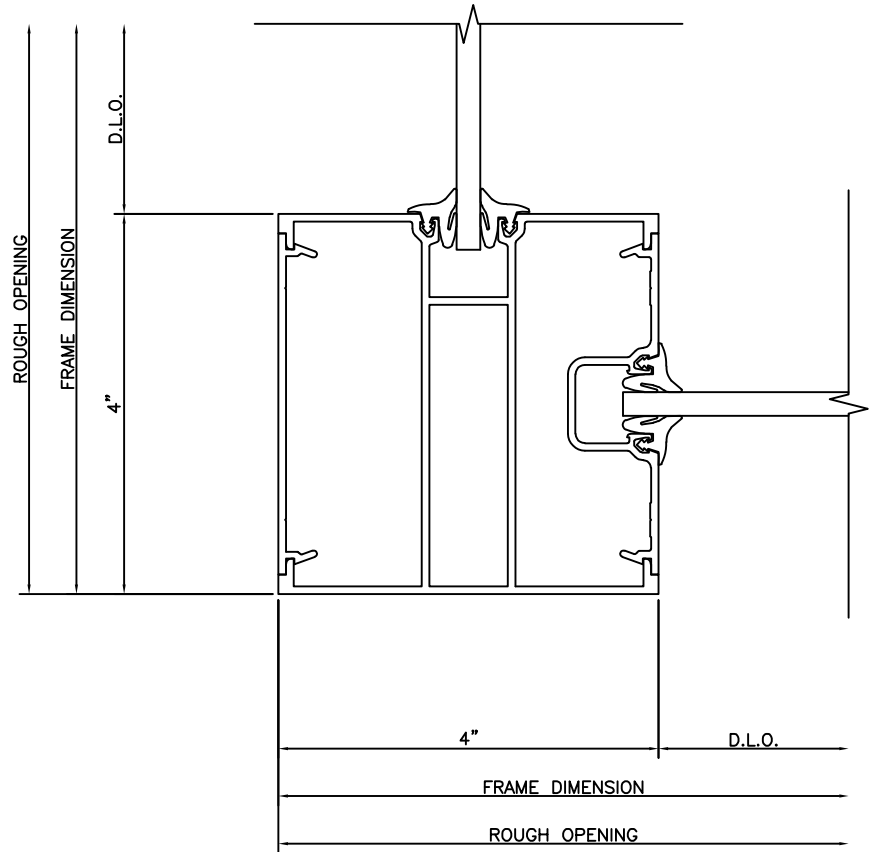
1ST SUBMISSION

8-14-22

STOREFRONT  
DETAILS

JOB NO.:  
220811

SHEET NO.:  
9.05

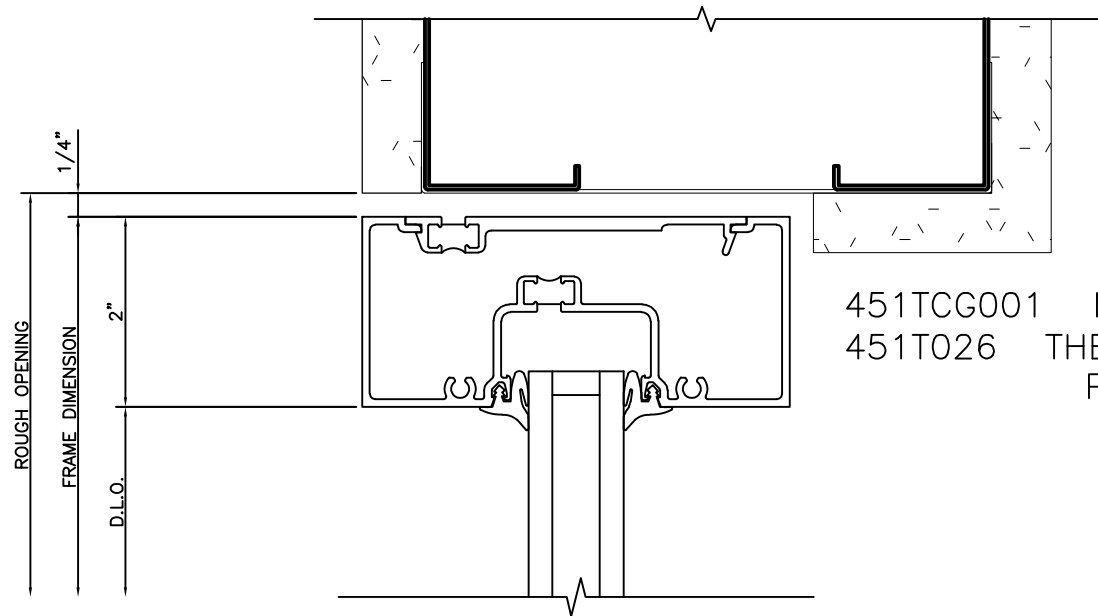


400075 CORNER POST  
450CG028 POCKET FILLER  
400026 FLAT FILLER

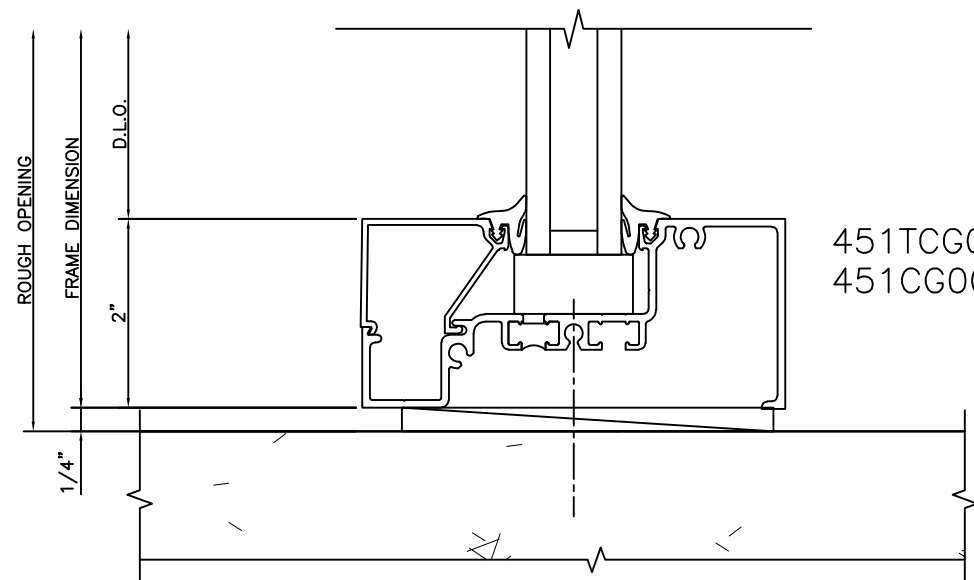
12

KIRKLAND FIRE STATION 27 13118 121ST WAY NE, KIRKLAND, WA 98034 PROJECT CUSTOMER		RIEHL DRAFTING PO BOX #74 SPANAWAY, WA 98387 425-241-6681 Email: RIEHLDRAFTING@GMAIL.COM	
6TH SUBMISSION		JOB NO.: 220811	
5TH SUBMISSION		SHEET NO.: 9.06	
4TH SUBMISSION		STOREFRONT DETAILS	
3RD SUBMISSION		1ST SUBMISSION 8-14-22	
2ND SUBMISSION 10-10-22			

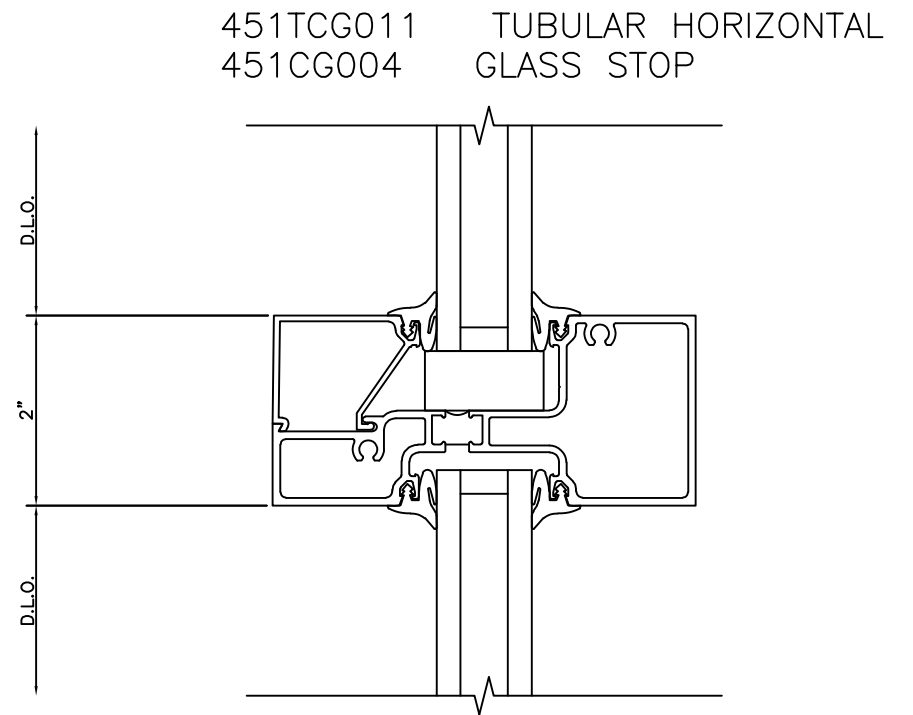
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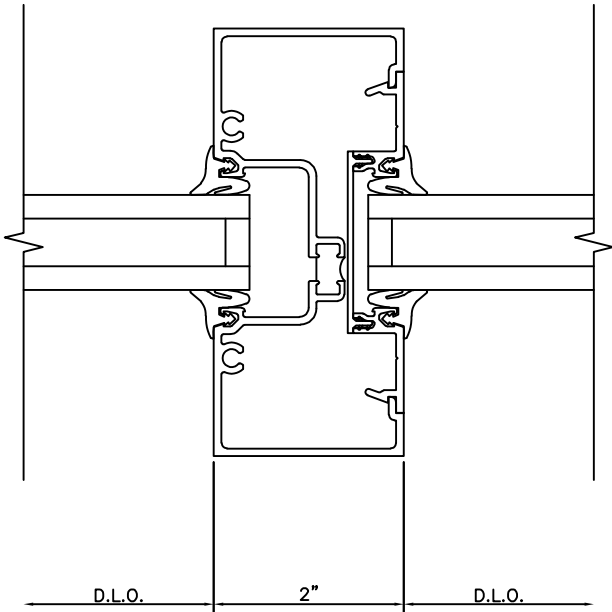
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3	A9.4



15	

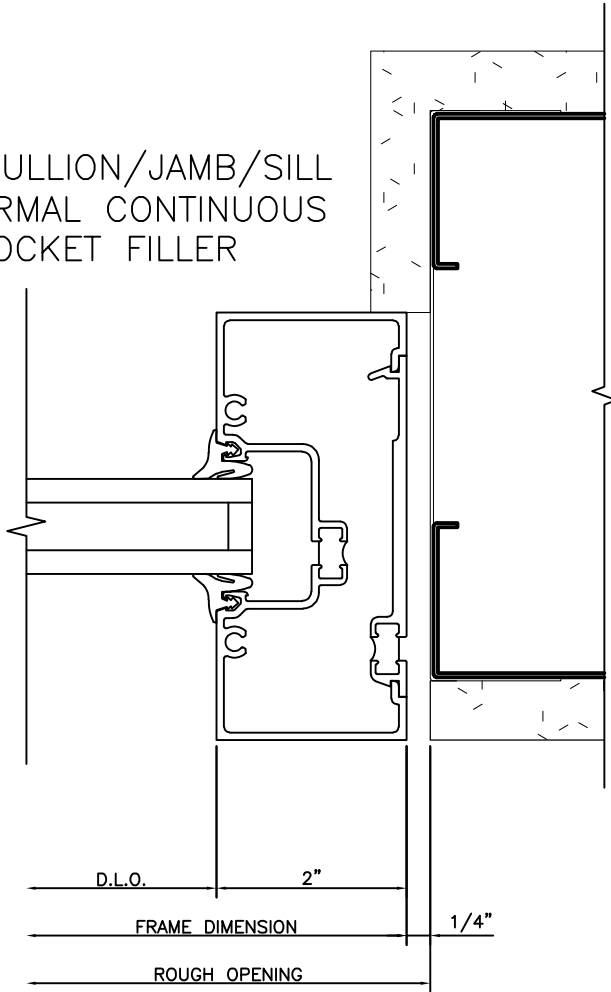


451TCG001 MULLION/JAMB/SILL  
451TCG002 POCKET FILLER



16

451TCG001 MULLION/JAMB/SILL  
451T026 THERMAL CONTINUOUS  
POCKET FILLER



17	
5	A9.4

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KIRKLAND FIRE STATION 27  
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PROJECT CUSTOMER

6TH SUBMISSION
5TH SUBMISSION
4TH SUBMISSION
3RD SUBMISSION
2ND SUBMISSION 10-10-22
1ST SUBMISSION 8-14-22

STOREFRONT  
DETAILS

JOB NO.:  
220811

SHEET NO.:  
9.08