

PRODUCT APPROVAL DRAWINGS
CG501 STORE FRONT WITH MULTIPLE INFILLS
FOR USE IN HURRICANE ZONES
REQUIRING LARGE MISSILE IMPACT PROTECTION
(WET GLAZED/DRY GLAZED)

GENERAL NOTES:

TEST STANDARDS

AIR-TAS202 AND ASTM E283
 WATER-TAS202 AND ASTM E331
 STATIC-TAS202 AND ASTM E330
 IMPACT-TAS201 AND ASTM E1886/E1996
 CYCLIC-TAS203 AND ASTM E1886/E1996

DESIGN PRESSURE LISTED IN THIS DRAWING IS ALLOWABLE DESIGN LOAD.

WATER INFILTRATION: 15 PSF

AIR INFILTRATION: 6.24 PSF

TYPICAL GLASS BITE IS 9/16" UNLESS OTHERWISE NOTED

1/4" MAX, SHIM SPACE @ PERIMETER UNLESS OTHERWISE NOTED

ALUMINUM EXTRUSIONS ARE 6063-T6 ALLOY AND TEMPER

THIS PRODUCT IS RATED FOR LARGE & SMALL MISSILE IMPACT INCLUDING HIGH VELOCITY HURRICANE ZONE. SHUTTERS ARE NOT REQUIRED. THE PRODUCT HAS BEEN DESIGNED AND TESTED FOR TO COMPLY WITH THE REQUIREMENT OF THE 2018 INTERNATIONAL BUILDING CODE & THE 2018 INTERNATIONAL RESIDENTIAL CODE

MATERIALS WHICH COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PAINTED OR FINISHED TO PREVENT CORROSION.

ENTRANCE DOORS FOR CG501 FRAMING SYSTEM ARE SHOWN ON THIS SUBMISSION. THE LOWER DESIGN PRESSURE OF WINDOW WALL OR DOOR WILL GOVERN.

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

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

ABBREVIATIONS:

D.L.O. = DAY LIGHT OPENING
 TYP. = TYPICAL
 D.O.W. = DOOR OPENING WIDTH
 D.O.H. = DOOR OPENING HEIGHT

SHEET	INDEX TO DRAWINGS	SUBSTRATE
1	INDEX TO DRAWINGS AND NOTES	
2	FRAMING ELEVATIONS - LIGHT MULLION WITH STEEL & GLAZING OPTIONS	STL/CONC/WOOD
3	FRAMING ELEVATIONS - LIGHT/HEAVY MULLION W/O STEEL	STL/CONC/WOOD
4	FRAMING ELEVATIONS - DOOR W/ TRANSOM INSIDE CG501 STOREFRONT	
5	FRAMING ELEVATIONS - DOOR W/O TRANSOM INSIDE STOREFRONT	
6	FRAMING DETAILS	STL/CONC/WOOD
7	FRAMING DETAILS	CONCRETE
8	FRAMING DETAILS	STEEL
9	ANCHOR TYPES AND DETAILS.	WOOD
10	ISOMETRIC FRAME DETAILS	
11	ISOMETRIC FRAME DETAILS	
12	PROFILE DRAWINGS	
13	BILL OF MATERIAL	



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PRODUCT:

CG501 STORE FRONT SYSTEM
 W/ MULTIPLE INFILLS
 FOR HURRICANE ZONES
 (WET/DRY GLAZED)



REVN	DATE/REMARKS
REV.1	7/16/15 PER TDI COMMENTS
REV.2	9/30/21 UPDATE TO 2018

ENGINEER:



MCY ENGINEERING, INC.
 GLAZING CONSULTANT

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October 12, 2021

PRODUCT CONTROL APPROVAL:

DRAWN: James	DRAWING No:
DATE: 9-30-21	1 OF 13
DWG: 14-07	

PRODUCT:

CG501 STORE FRONT SYSTEM

W/ MULTIPLE INFILLS FOR HURRICANE ZONES (WET/DRY GLAZED)

Resistor
PRODUCT SERIES

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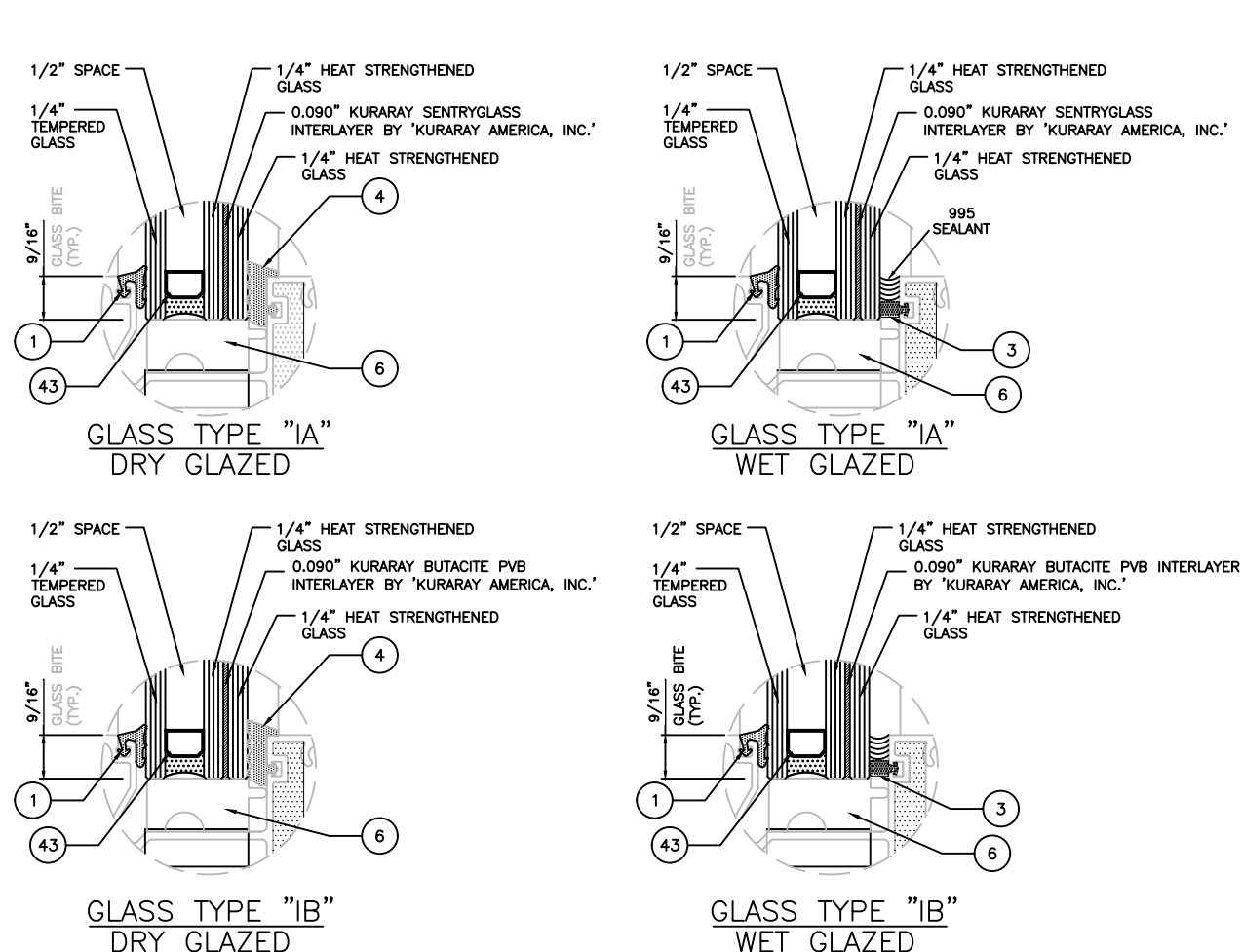
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DATE: 9-30-21

DWG: 14-07

DRAWING No:

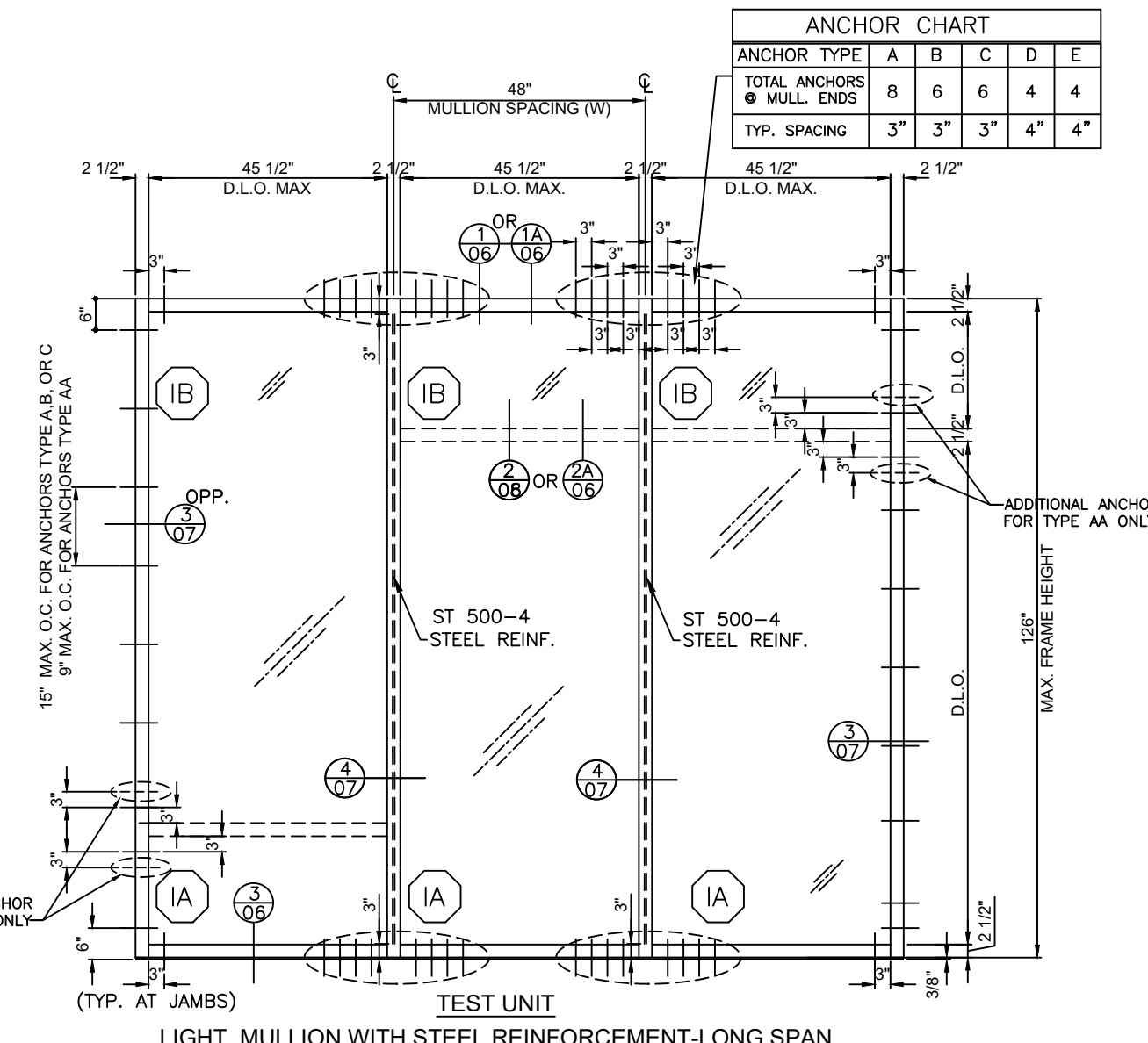
2 OF 13



CG501 SYSTEM GLASS SCHEDULE				
GLASS TYPE	GLAZING METHOD	MAXIMUM DLO SIZE (INCHES)	MAXIMUM SQUARE FEET	MAXIMUM DESIGN LOAD (PSF)
IA	DRY GLAZED & WET GLAZED	45-1/2 X 96	30.33	+70/-80
IB	DRY GLAZED & WET GLAZED	45-1/2 X 22 1/2	7.11	+70/-80
	WET GLAZED	45-1/2 X 84	26.54	+65/-65
	WET GLAZED	45-1/2 X 96	30.33	+60/-60

NOTE: 1. D.L.O DIMENSIONS OF GLASS NOT TO EXCEED MAXIMUM SIZE LISTED IN TABLE.
2. DESIGN LOAD GOVERN BY TESTED LOAD.

NOTES:
1. GLASS SIZE = D.L.O. + 1 1/8"
2. HORIZONTAL MULLION (DETAIL 2/8 OR 2/8 OPTIONAL) - OPTIONAL AT ANY BAY
3. HEAD (DETAIL 1/8 OR 1/8 OPTIONAL) - OPTIONAL AT ANY BAY
4. MAX. ALLOWABLE DEFLECTION = L/180



ANCHOR CHART					
ANCHOR TYPE	A	B	C	D	E
TOTAL ANCHORS @ MULL. ENDS	8	6	6	4	4
TYP. SPACING	3"	3"	3"	4"	4"

DESIGN LOAD CAPACITY-PSF		
DIMENSIONS (IN.)		LIGHT MULLION WITH STL REINF.
WIDTH (W)	FRAME HEIGHT	
48	126	+70/-80

INSTRUCTIONS:

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** GLASS TYPE SHOWN ON ELEVATIONS ARE AS TESTED. SEE CHART ON SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS TYPE AND SIZE.
- STEP 3** CHECK MULLION AND ANCHOR CAPACITY SEE SHEET 4 THRU 7. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 4** THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.

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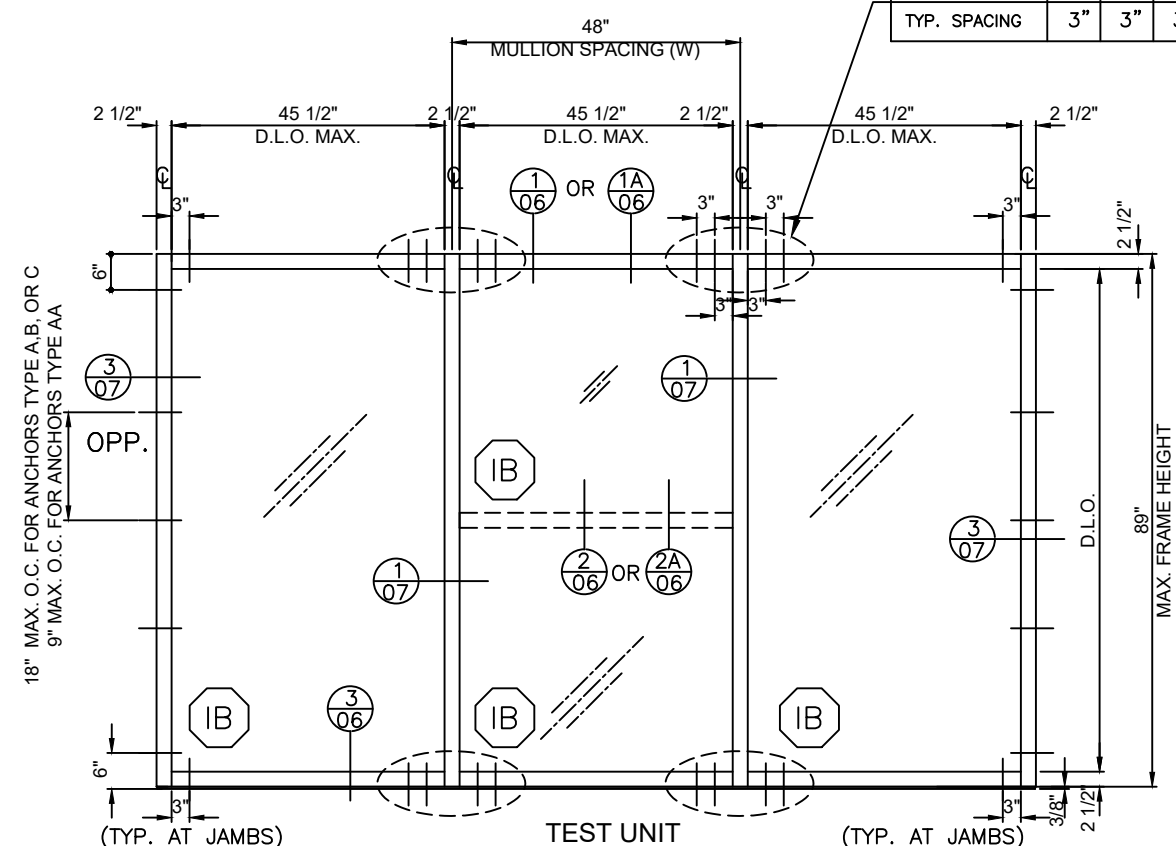
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DATE: 9-30-21
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DRAWING No:

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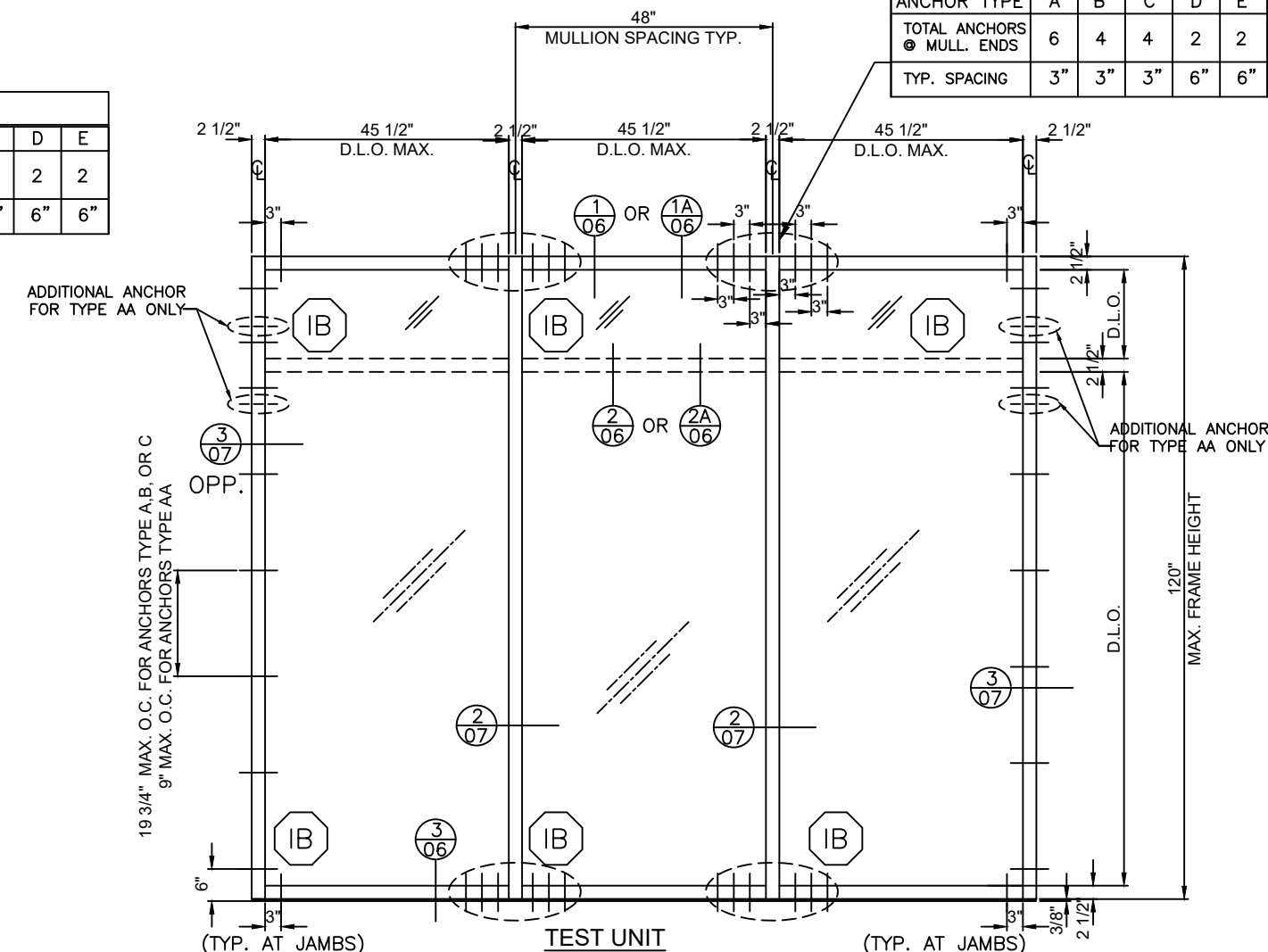
ANCHOR CHART					
ANCHOR TYPE	A	B	C	D	E
TOTAL ANCHORS @ MULL. ENDS	4	4	4	2	2
TYP. SPACING	3"	3"	3"	6"	6"



LIGHT MULLION WITHOUT STEEL REINFORCEMENT-SHORT SPAN

DESIGN LOAD CAPACITY-PSF		
DIMENSIONS (IN.)		LIGHT MULLION WITHOUT REINF.
WIDTH (W)	FRAME HEIGHT	
48	89	+65/-65

ANCHOR CHART					
ANCHOR TYPE	A	B	C	D	E
TOTAL ANCHORS @ MULL. ENDS	6	4	4	2	2
TYP. SPACING	3"	3"	3"	6"	6"



HEAVY MULLION WITHOUT STEEL REINFORCEMENT-LONG SPAN

DESIGN LOAD CAPACITY-PSF		
DIMENSIONS (IN.)		HEAVY MULLION WITHOUT REINF.
WIDTH (W)	FRAME HEIGHT	
48	120	+60/-60

NOTES:

- GLASS SIZE = D.L.O. +1 1/8"
- HORIZONTAL MULLION (DETAIL 2/8 OR 2/8 OPTIONAL) - OPTIONAL AT ANY BAY
- HEAD (DETAIL 1/8 OR 1/8 OPTIONAL) - OPTIONAL AT ANY BAY
- MAX. ALLOWABLE DEFLECTION = L/180

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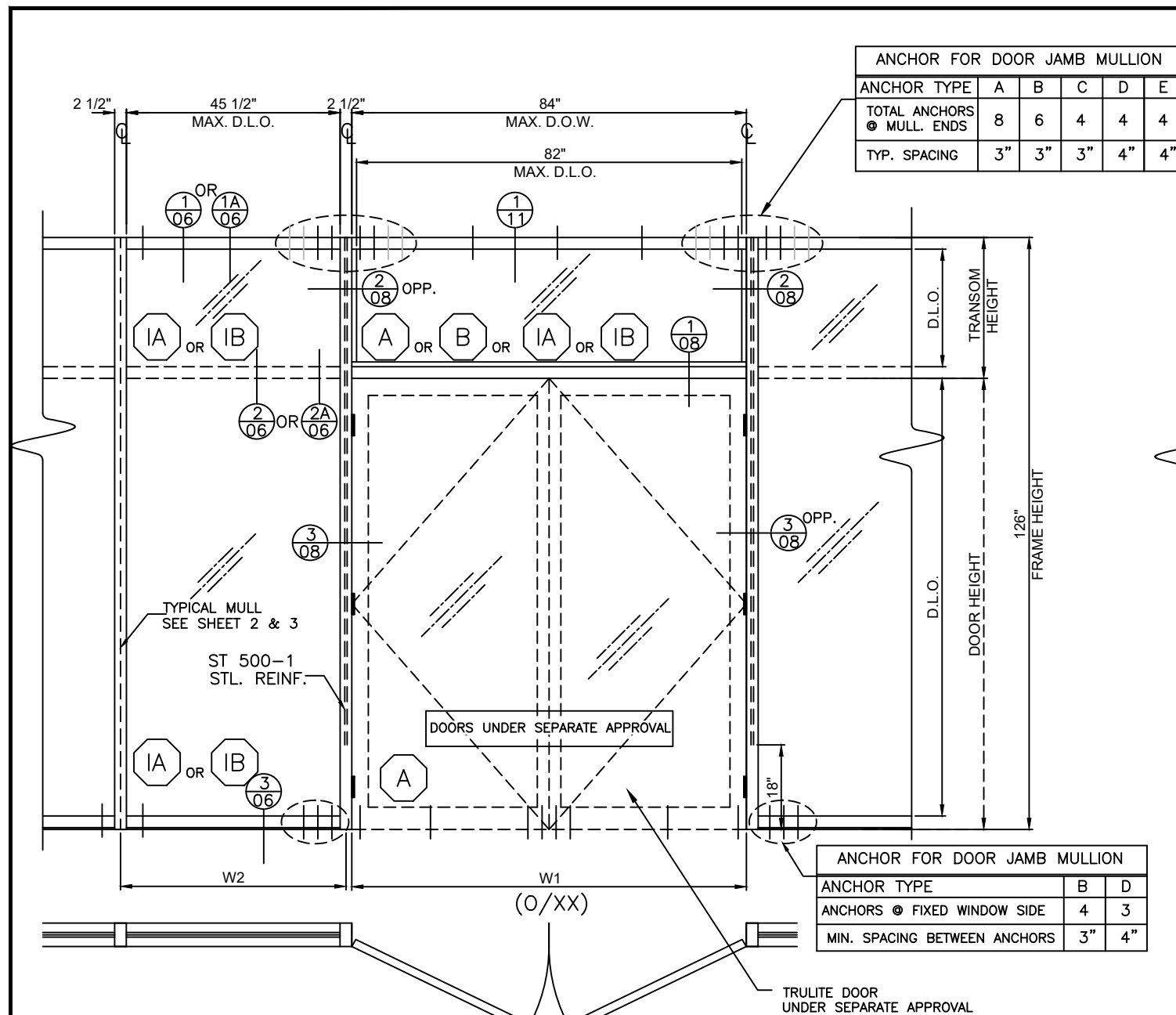
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ANCHOR FOR DOOR JAMB MULLION					
ANCHOR TYPE	A	B	C	D	E
TOTAL ANCHORS @ MULL. ENDS	8	6	4	4	4
TYP. SPACING	3"	3"	3"	4"	4"

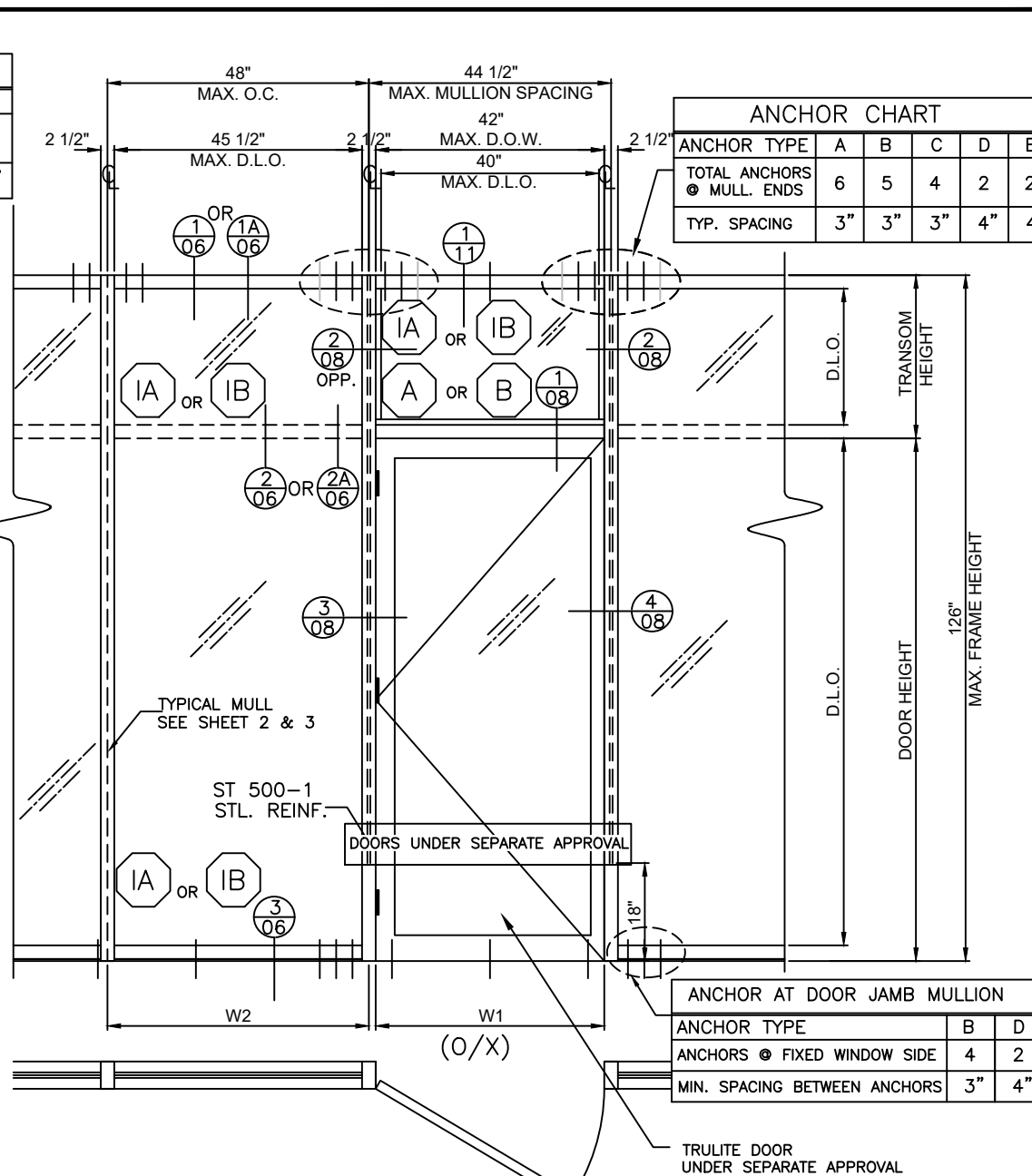
ANCHOR CHART					
ANCHOR TYPE	A	B	C	D	E
TOTAL ANCHORS @ MULL. ENDS	6	5	4	2	2
TYP. SPACING	3"	3"	3"	4"	4"

ANCHOR FOR DOOR JAMB MULLION		
ANCHOR TYPE	B	D
ANCHORS @ FIXED WINDOW SIDE	4	3
MIN. SPACING BETWEEN ANCHORS	3"	4"

ANCHOR AT DOOR JAMB MULLION		
ANCHOR TYPE	B	D
ANCHORS @ FIXED WINDOW SIDE	4	2
MIN. SPACING BETWEEN ANCHORS	3"	4"



DOUBLE DOOR WITH TRANSOM & SIDELITES



SINGLE DOOR WITH TRANSOM & SIDELITES

DOOR JAMB MULLION CAPACITY				
FRAME HEIGHT	SIDELITE WIDTH	DOOR WIDTH	DOOR HEIGHT	DESIGN LOAD
FH(IN.)	W2(IN.)	W1(IN.)	A(IN.)	(PSF)
126	48	84	84	64.7
			90	67.3
			96	70.0
126	48	72	84	69.8
			90	70.0
			96	70.0

DOOR JAMB MULLION CAPACITY				
FRAME HEIGHT	SIDELITE WIDTH	DOOR WIDTH	DOOR HEIGHT	DESIGN LOAD
FH(IN.)	W2(IN.)	W1(IN.)	A(IN.)	(PSF)
126	48	42	84	70.0
			90	70.0
			96	70.0

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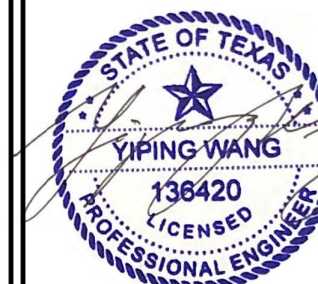
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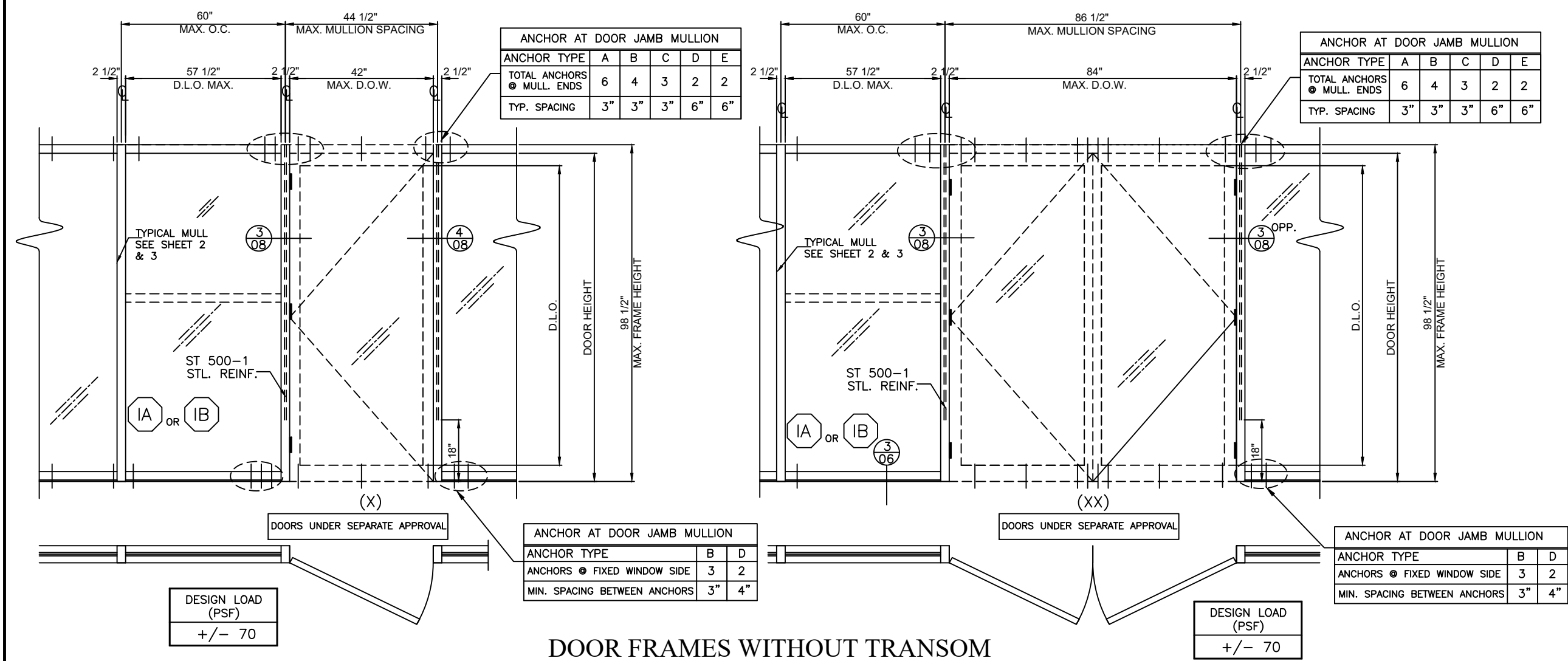
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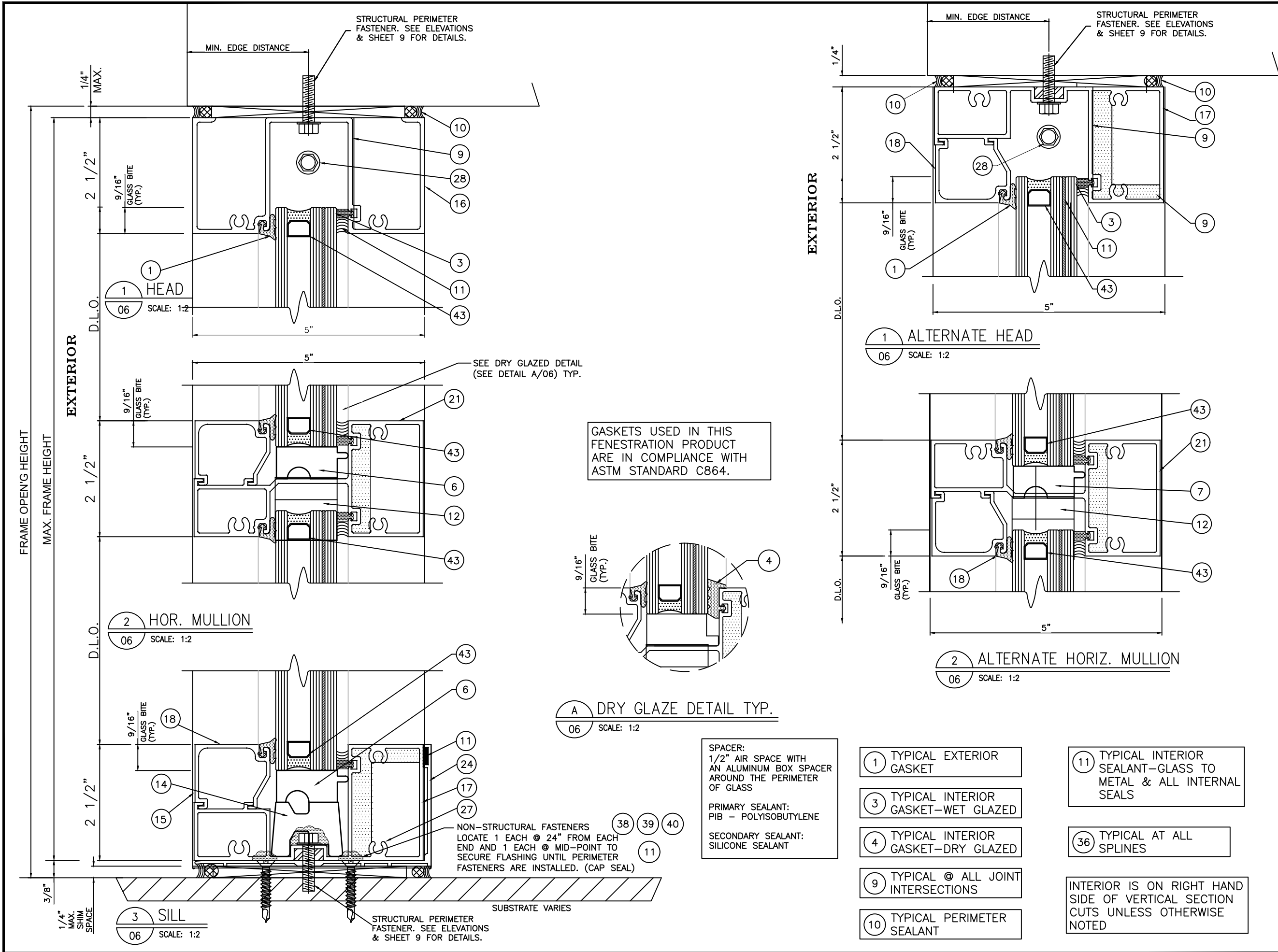
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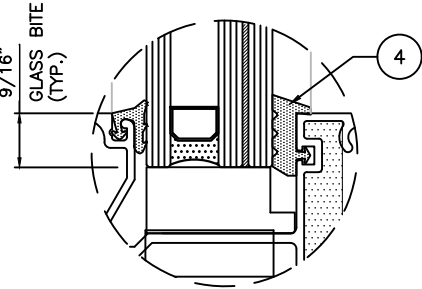
**DOOR FRAMES WITHOUT TRANSOM
-WITH SIDELITE-**

- NOTES:
- THIS APPROVAL COVERS SERIES 356 ENTRANCE DOOR.
 - DOOR SERIES UNDER SEPARATE PRODUCT APPROVALS.
THE LOWER DESIGN PRESSURE OF WINDOW WALL OR DOOR WILL GOVERN.
 - FOR DOOR DETAILS REFER TO DOOR PRODUCT APPROVAL.

- TEST PARAMETERS:
- DESIGN PRESSURE = +70/-70 PSF
 - AIR TEST AT 6.24 PSF
 - MAX. ALLOWABLE DEFLECTION = L/180



GASKETS USED IN THIS FENESTRATION PRODUCT ARE IN COMPLIANCE WITH ASTM STANDARD C864.



A DRY GLAZE DETAIL TYP.
06 SCALE: 1:2

SPACER:
1/2" AIR SPACE WITH AN ALUMINUM BOX SPACER AROUND THE PERIMETER OF GLASS

PRIMARY SEALANT:
PIB - POLYISOBUTYLENE

SECONDARY SEALANT:
SILICONE SEALANT

- 1 TYPICAL EXTERIOR GASKET
- 3 TYPICAL INTERIOR GASKET-WET GLAZED
- 4 TYPICAL INTERIOR GASKET-DRY GLAZED
- 9 TYPICAL @ ALL JOINT INTERSECTIONS
- 10 TYPICAL PERIMETER SEALANT

- 11 TYPICAL INTERIOR SEALANT-GLASS TO METAL & ALL INTERNAL SEALS
- 36 TYPICAL AT ALL SPLINES

INTERIOR IS ON RIGHT HAND SIDE OF VERTICAL SECTION CUTS UNLESS OTHERWISE NOTED



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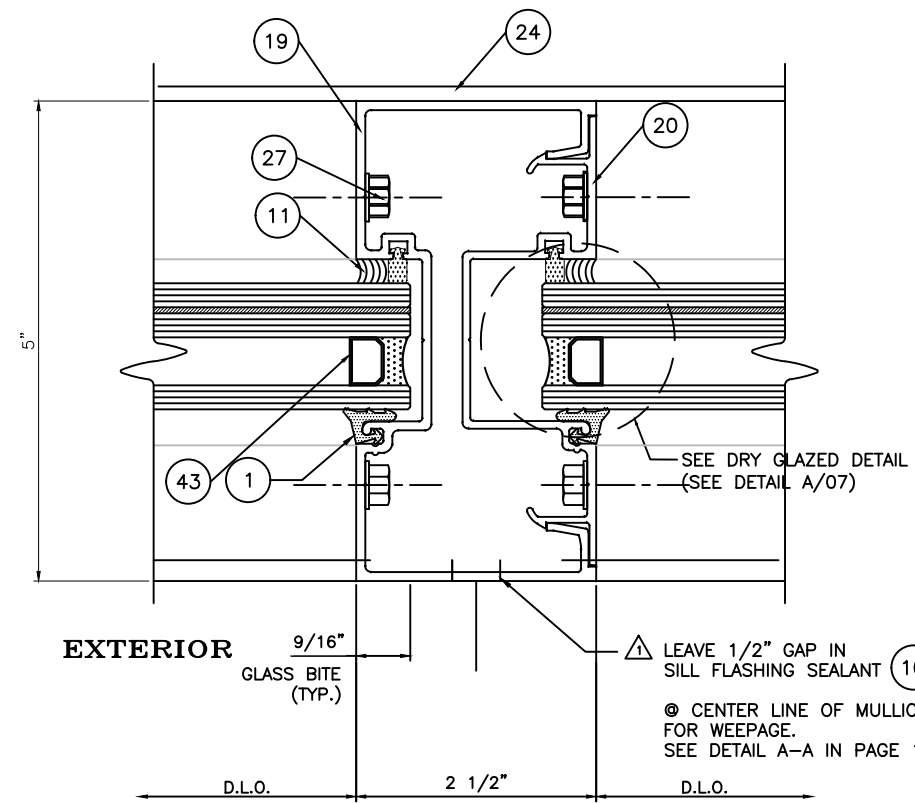


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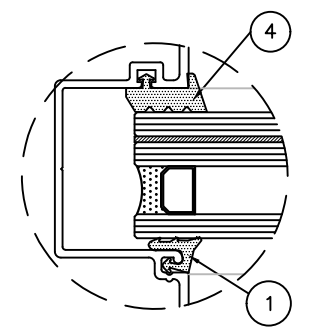
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DRAWING No:
7 OF 13

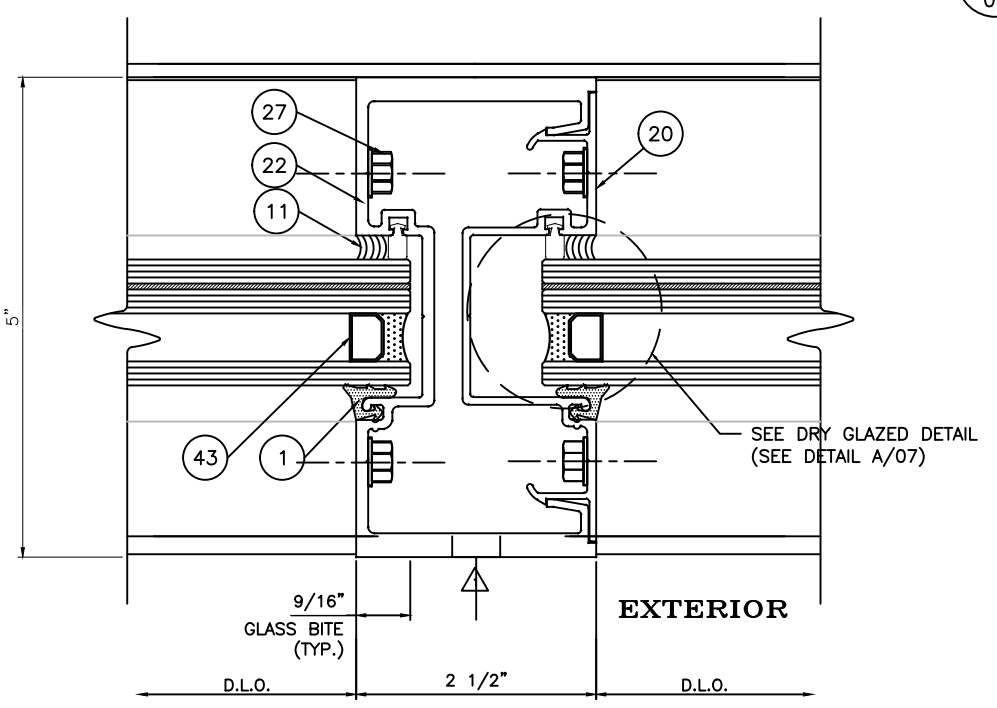


1 VERT. MULLION
07 SCALE: 1:2

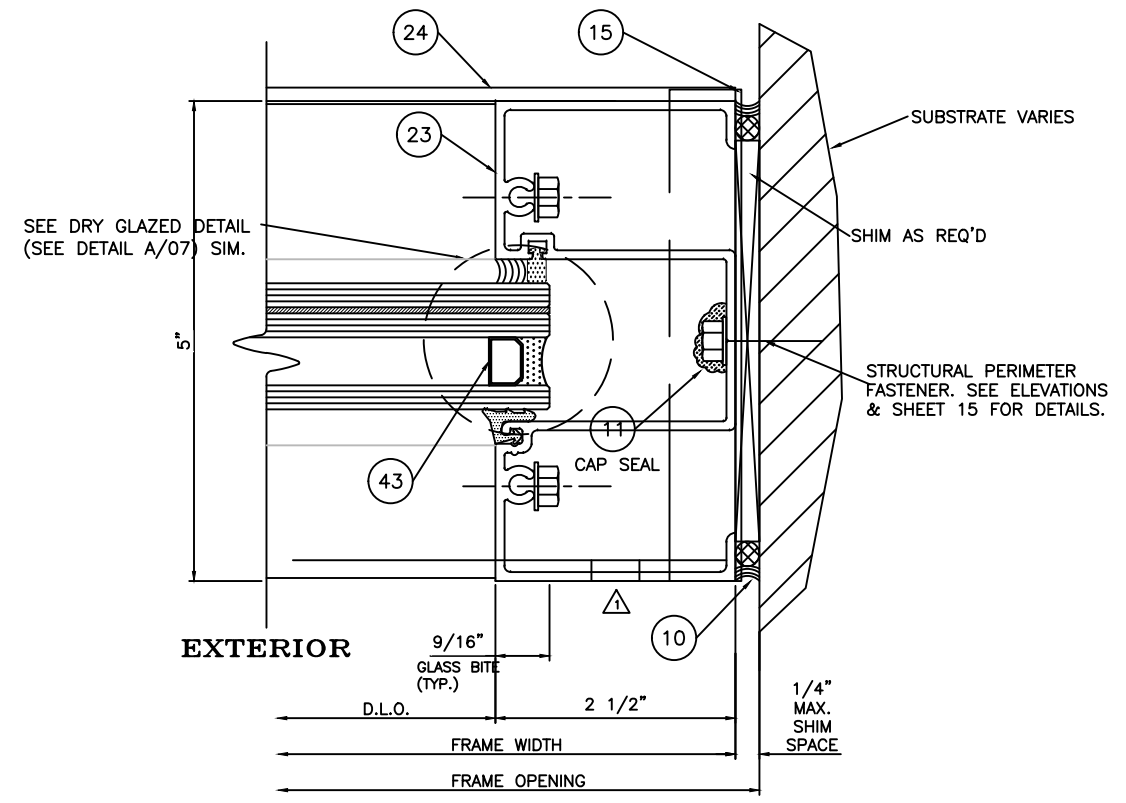


A DRY GLAZE DETAIL TYP.
07 SCALE: 1:2

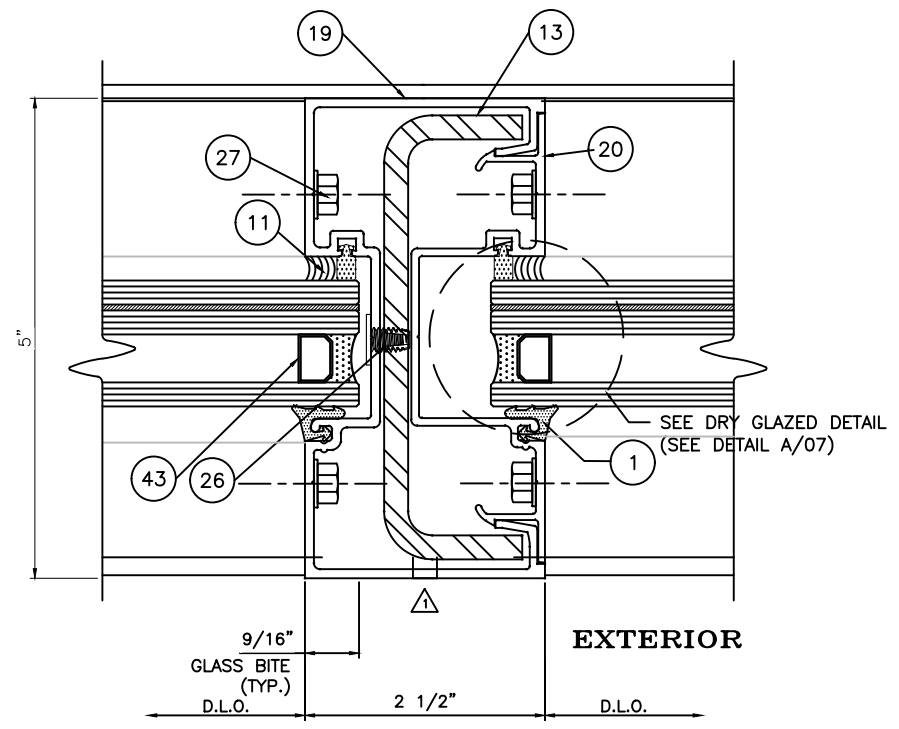
GASKETS USED IN THIS FENESTRATION PRODUCT ARE IN COMPLIANCE WITH ASTM STANDARD C864.



2 HEAVY VERT. MULLION
07 SCALE: 1:2



3 JAMB
07 SCALE: 1:2



4 VERT. MULLION WITH STEEL
07 SCALE: 1:2

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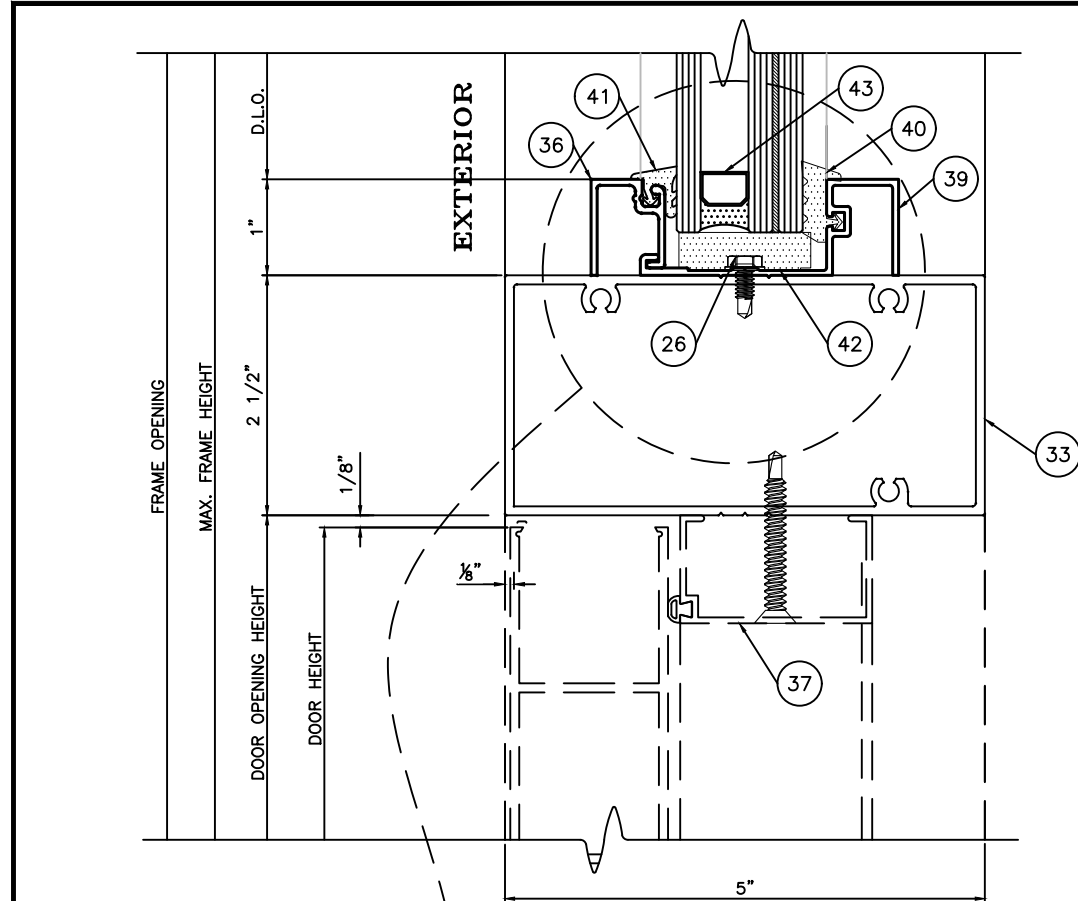


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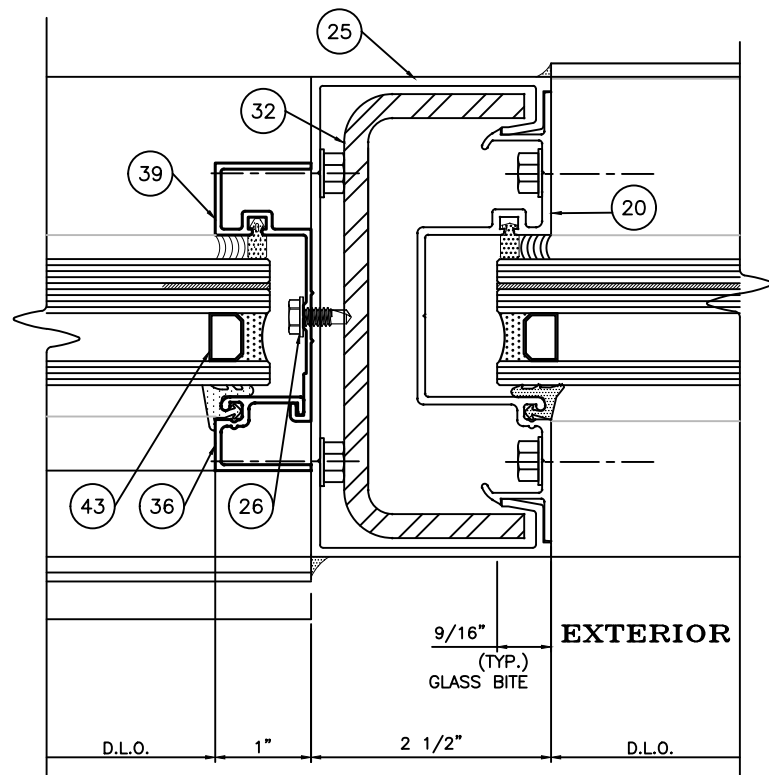
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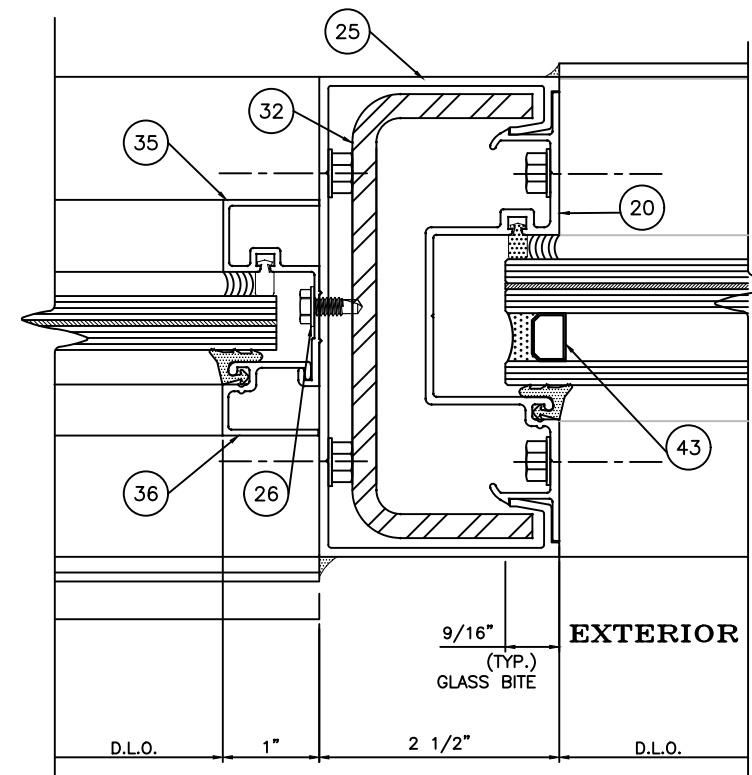
DRAWING No:
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1 TRANSOM BAR FOR S.A.C.
08 SCALE: 1:2

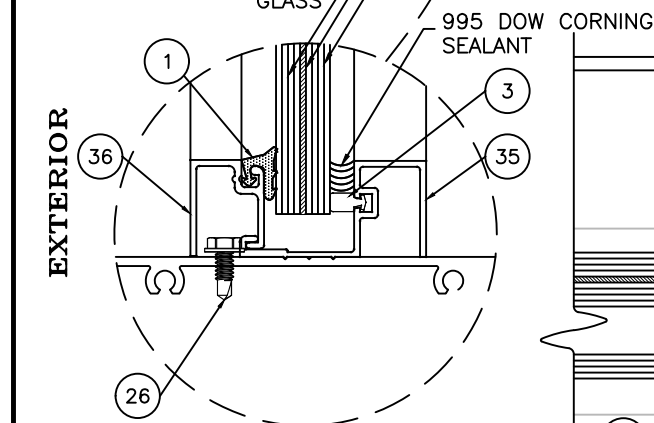


2 TRANSOM DOOR JAMB @ SIDELITE (OPTION)
08 SCALE: 1:2



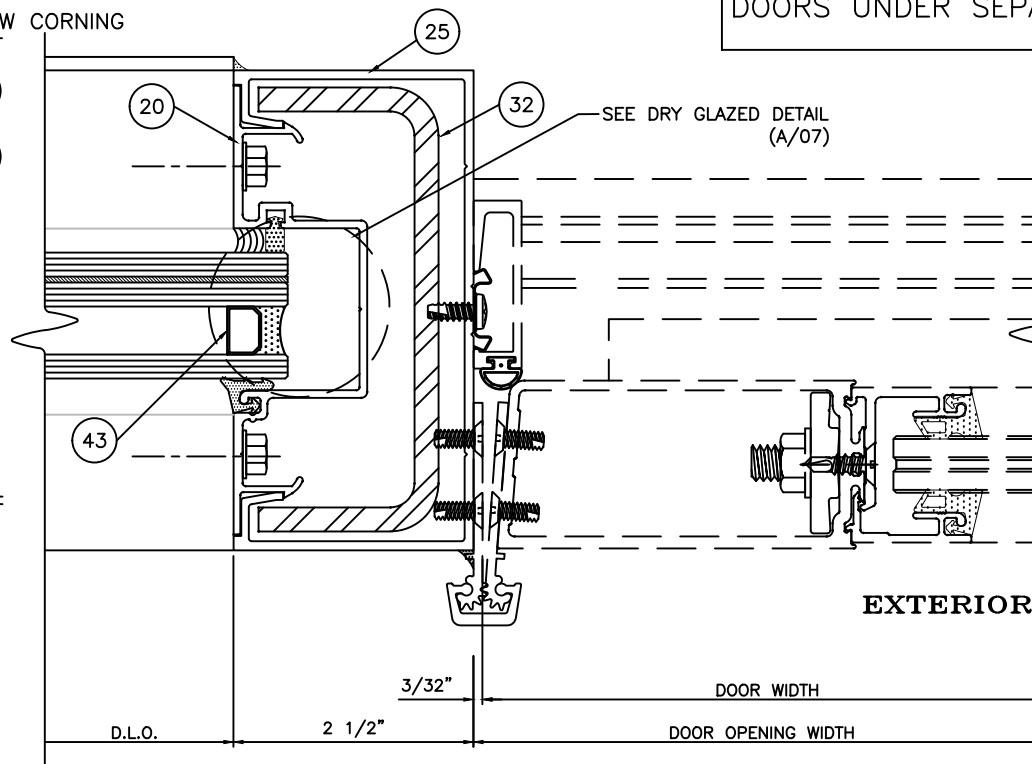
2 TRANSOM DOOR JAMB @ SIDELITE
08 SCALE: 1:2

1/4" HEAT STRENGTHENED GLASS
0.090" KURARAY BUTACITE PVB OR KURARAY SG INTERLAYER
1/4" HEAT STRENGTHENED GLASS

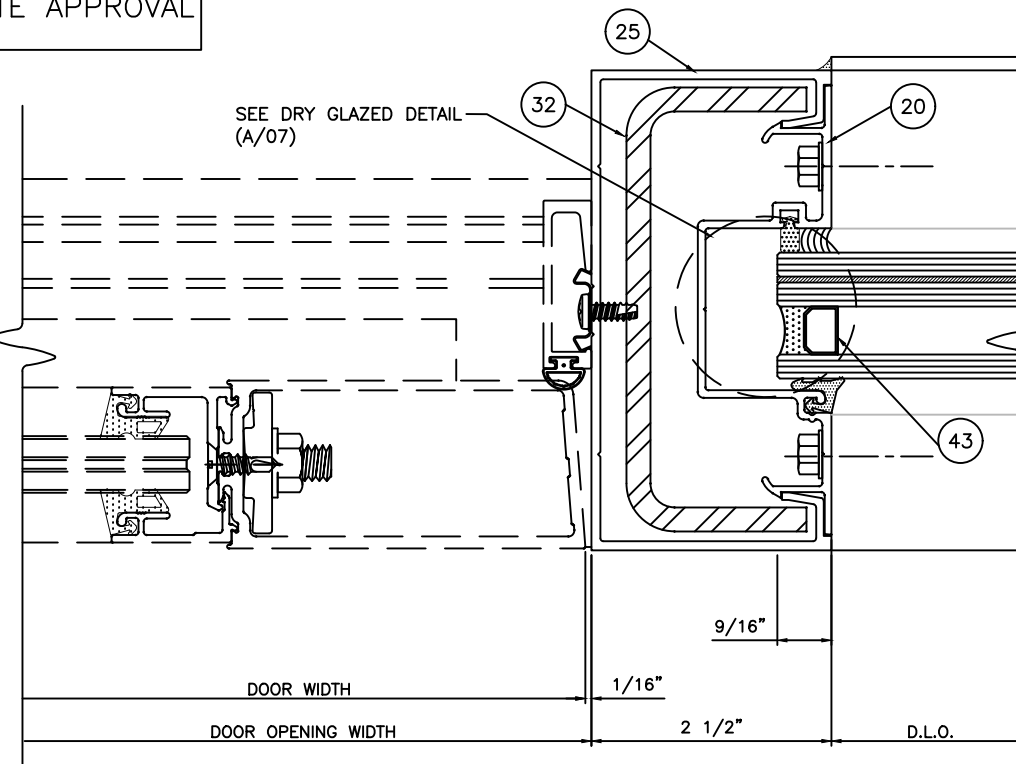


1 GLASS TYPE A OR B
08 SCALE: 1:2

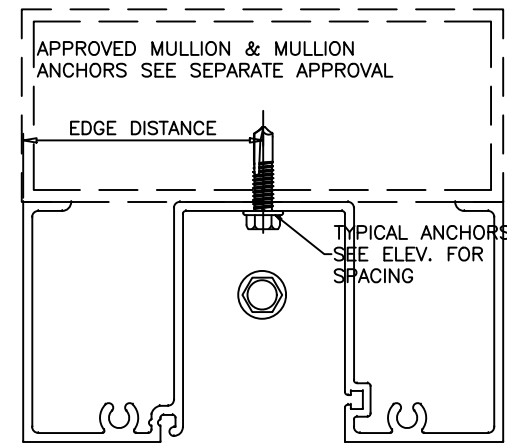
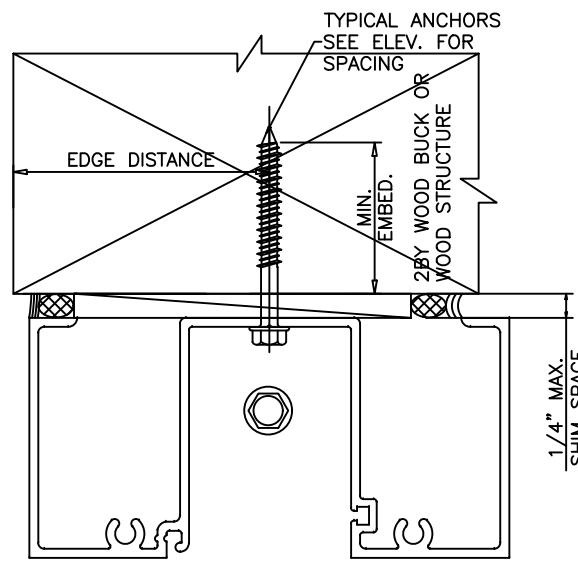
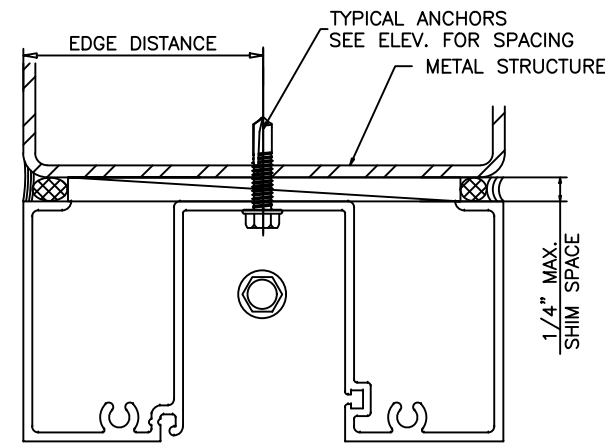
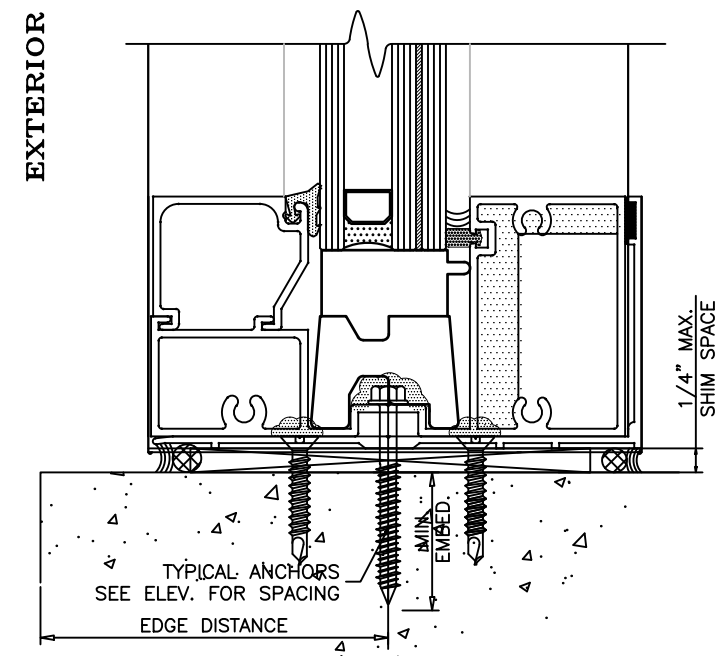
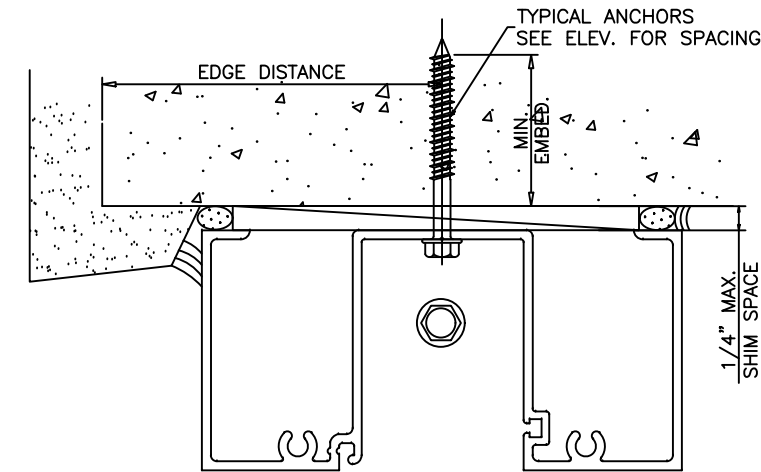
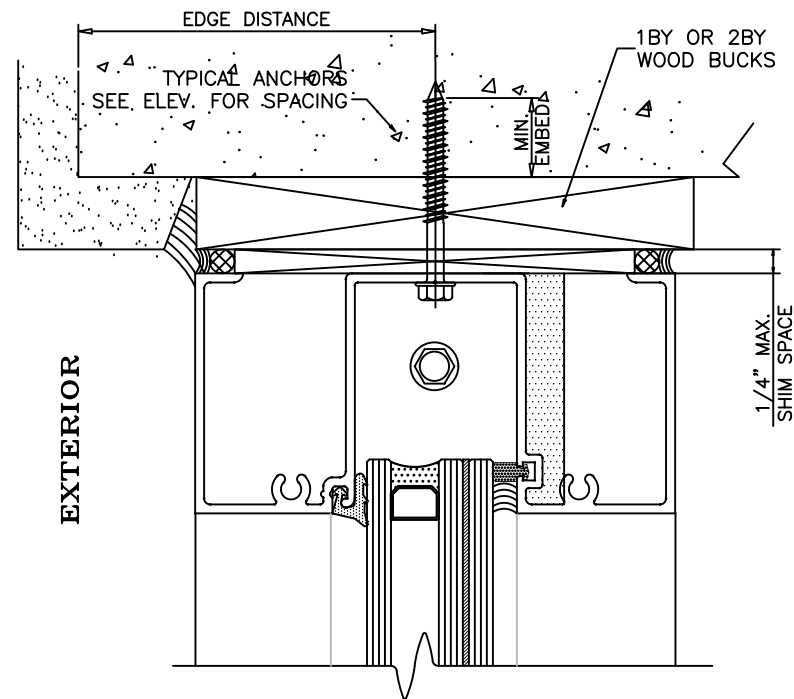
DOORS UNDER SEPARATE APPROVAL



3 DOOR JAMB @ SIDELITE
08 SCALE: 1:2



4 DOOR JAMB @ SIDELITE
08 SCALE: 1:2



WOOD BUCKS AND METAL STRUCTURES NOT BY TRULITE. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS:

SEE ELEVATIONS FOR SPACING

TYPE 'AA' 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI) (JAMB ONLY)

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD INTO CONC.

THRU WOOD BUCKS INTO HOLLOW BLOCK OR MASONRY
1-1/4" MIN. EMBEDMENT.

TYPE 'A' 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD INTO CONC.

THRU WOOD BUCKS INTO CONCRETE (fc'=3000 PSI)
1-1/4" MIN. EMBEDMENT.

TYPE 'B' 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

1/4" DIA. TAPCON BY 'ITW' (Fu=120 KSI, Fy=92 KSI)

DIRECTLY INTO CONCRETE.
1-1/2" MIN. EMBEDMENT.

TYPE 'C' #14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO APPROVED MULLIONS
(1/8" THK. MIN.) INTO METAL STRUCTURE.

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'D' 3/8" DIA. ITW LDT TAPCON

DIRECTLY INTO CONCRETE
2" MIN. EMBEDMENT.

TYPE 'D1' 3/8" DIA. ITW LDT TAPCON (JAMB ONLY)

DIRECTLY INTO CONCRETE
1-1/2" MIN. EMBEDMENT.

TYPE 'E' 3/8"-16 BOLT (GRADE 2)
INTO METAL STRUCTURE

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

SEALANTS:

GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH SILICONE
GLAZING OPTIONS 6A, 6B OR 6C.
FRAME CORNERS SEALED WITH DOW CORNING 795 OR EQUAL COMPATIBLE.



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PRODUCT:

CG501 STORE FRONT SYSTEM
W/ MULTIPLE INFILLS
FOR HURRICANE ZONES
(WET/DRY GLAZED)



REV#	DATE/REMARKS
REV.1	7/16/15 PER TDI COMMENTS
REV.2	9/30/21 UPDATE TO 2018

ENGINEER:



MCY ENGINEERING, INC.
GLAZING CONSULTANT

12781 MIRAMAR PARKWAY #301
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PRODUCT CONTROL APPROVAL:

DRAWN: James	DRAWING No:
DATE: 9-30-21	9 OF 13
DWG: 14-07	

PRODUCT:

CG501 STORE FRONT SYSTEM
W/ MULTIPLE INFILLS
FOR HURRICANE ZONES
(WET/DRY GLAZED)

Resistor
PRODUCT SERIES

REVN	DATE/REMARKS
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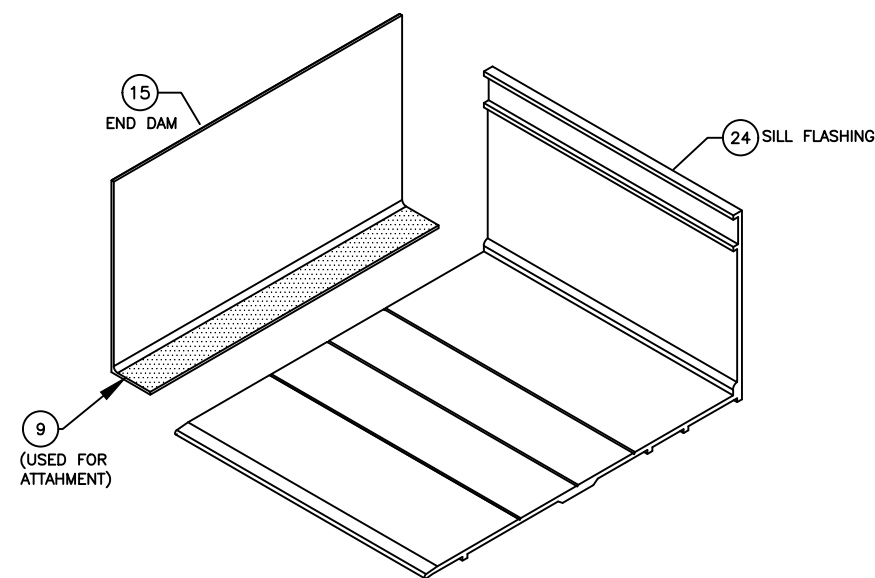


FIGURE-1
SCALE: 6" = 1'-0"

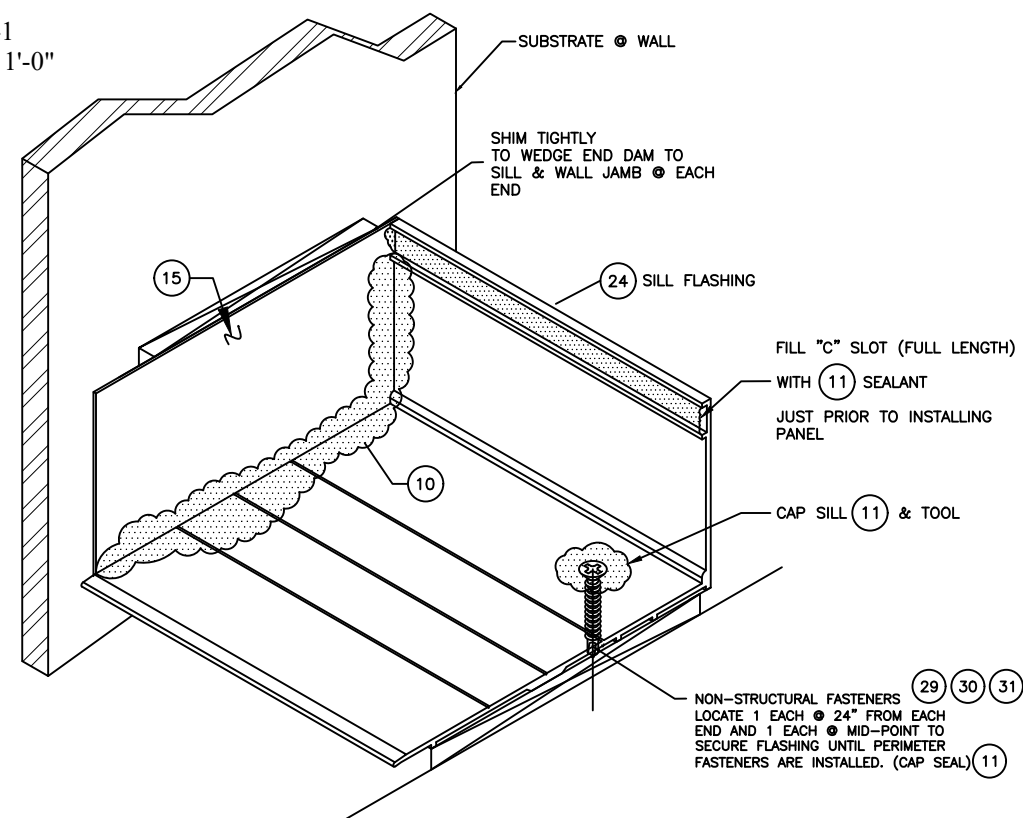


FIGURE-2
SCALE: 6" = 1'-0"

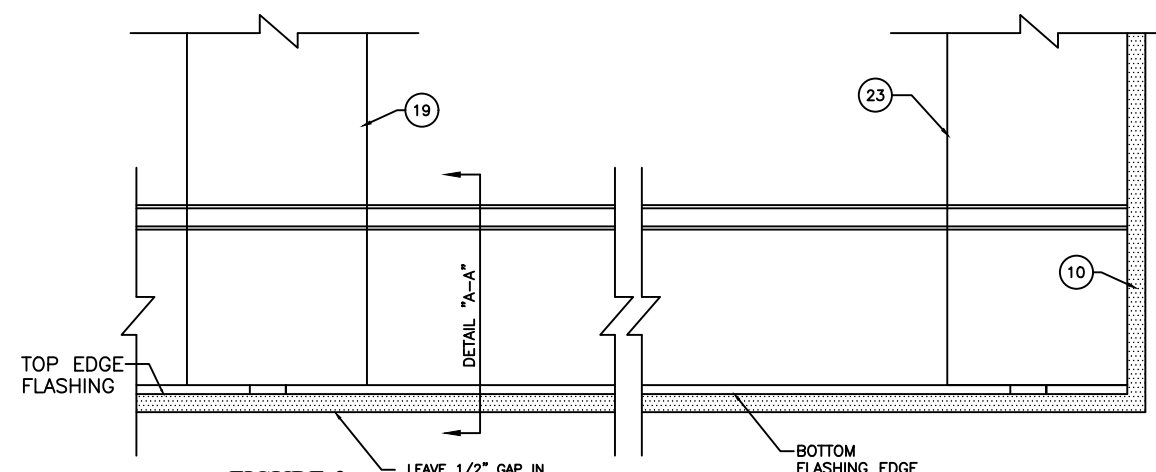
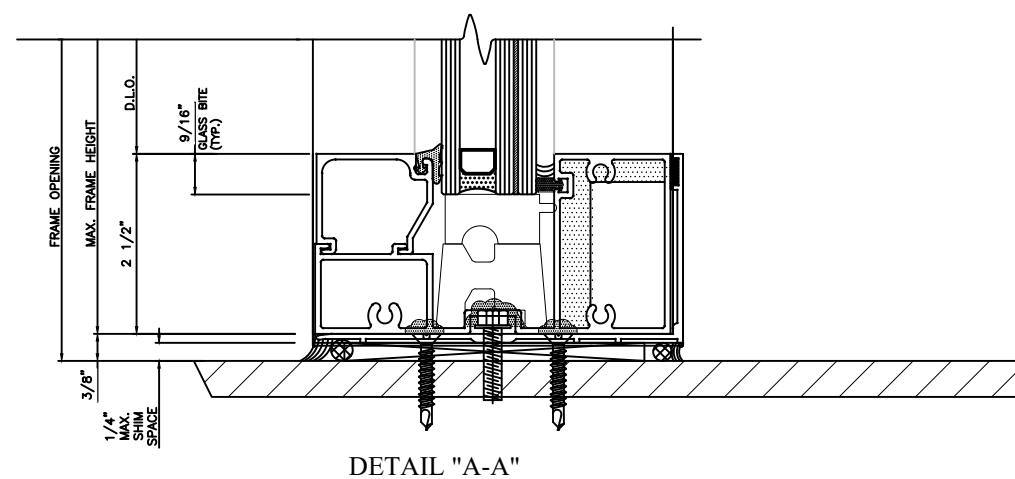


FIGURE-3
SCALE: 6" = 1'-0"
LEAVE 1/2" GAP IN SILL FLASHING SEALANT @ CENTER OF MULLIONS FOR WEEPAGE BETWEEN TOP EDGE OF FLASHING & MULLION REF. DETAIL "A-A" BELOW



DETAIL "A-A"

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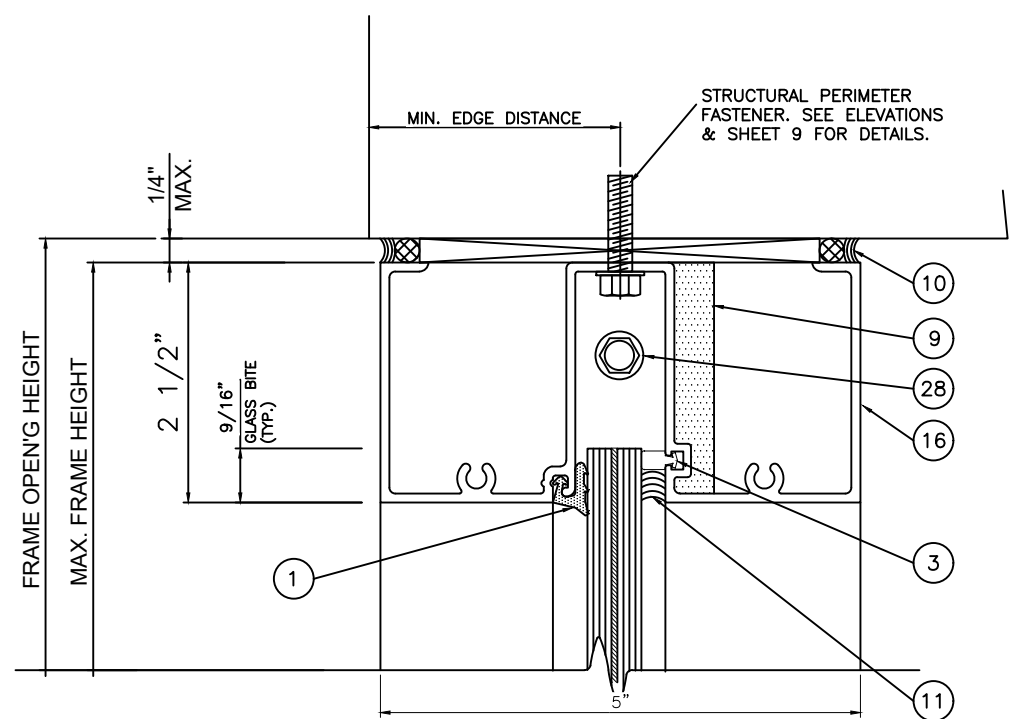
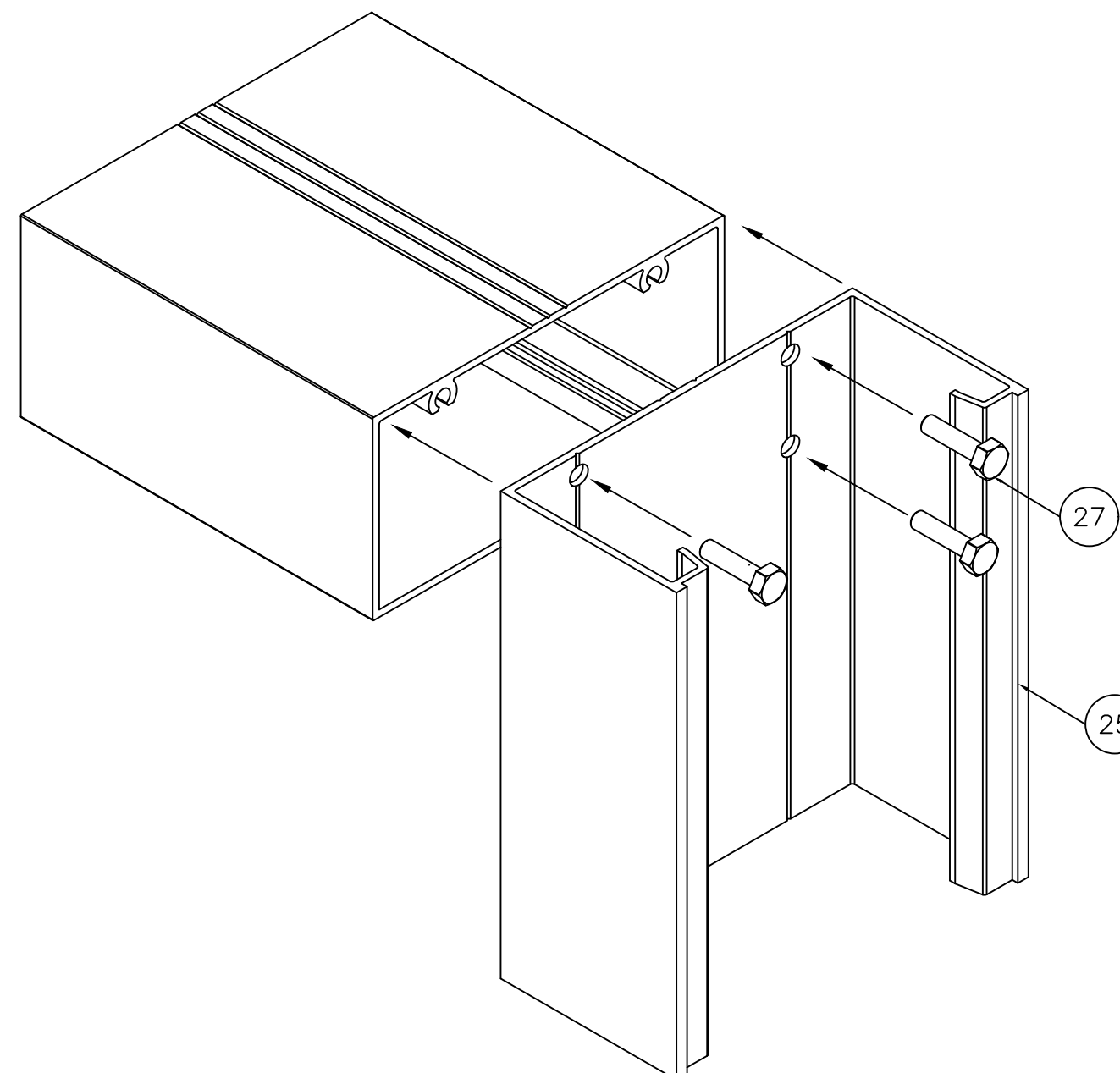
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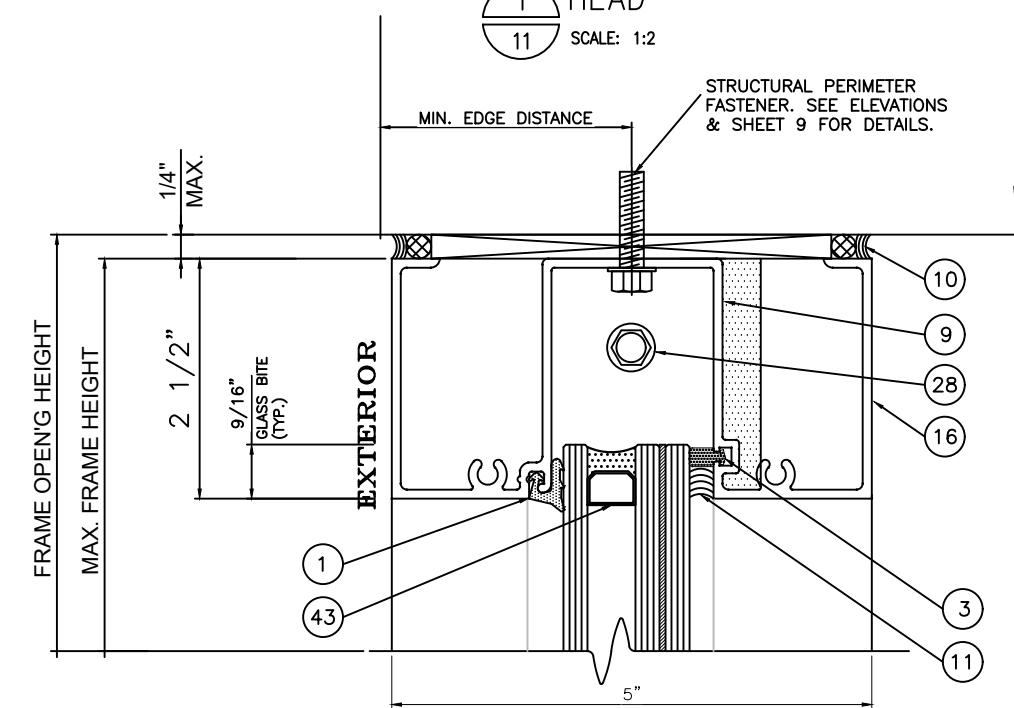


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1 HEAD
11 SCALE: 1:2



1 HEAD (OPTION)
11 SCALE: 1:2

**FIGURE: #2
FRAME ASSEMBLY**

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DWG: 14-07

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11 OF 13

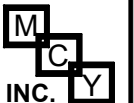
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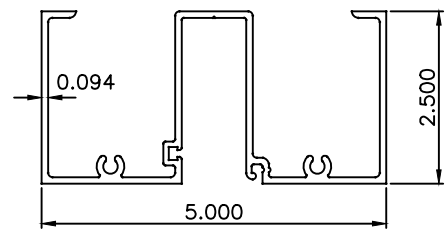


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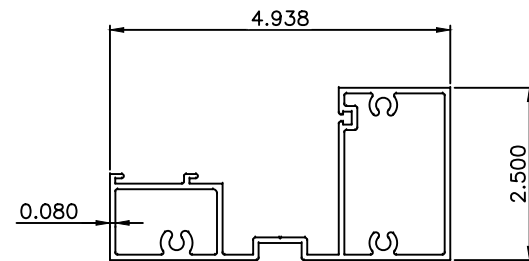
PRODUCT CONTROL APPROVAL:

DRAWN: James
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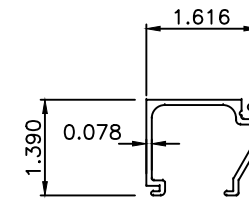
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12 OF 13



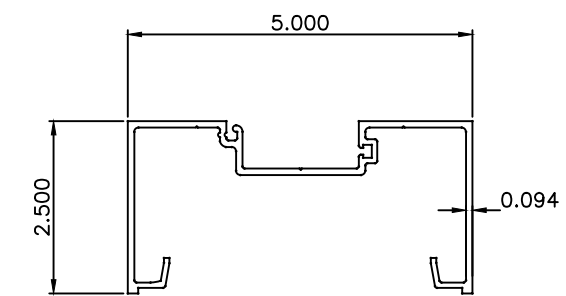
①⑥ TRANSOM HEAD



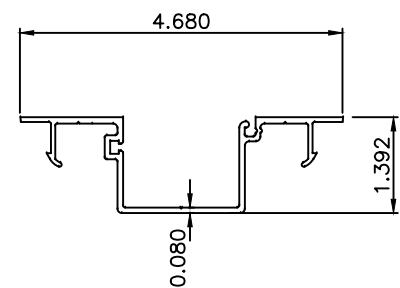
①⑦ SILL/HEAD



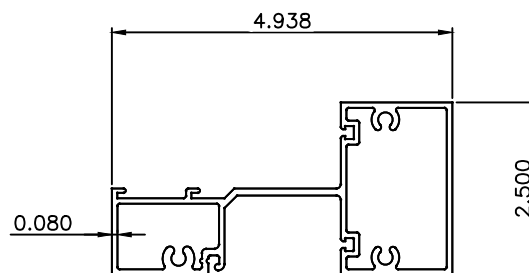
①⑧ GLASS STOP



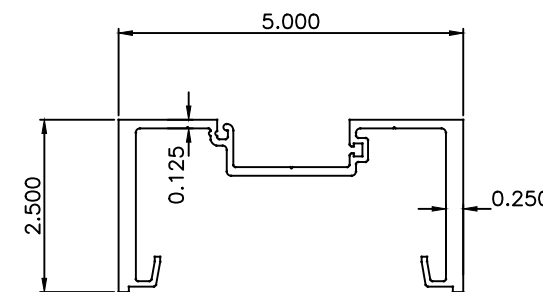
①⑨ STD VERTICAL MULLION



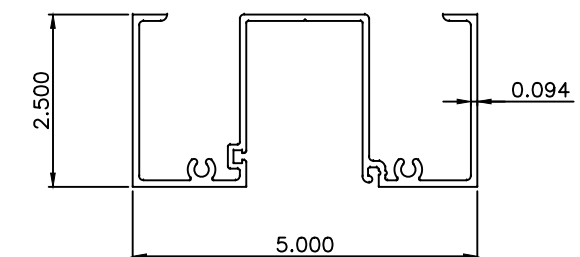
②⑦ OPEN BACK MULLION FILLER



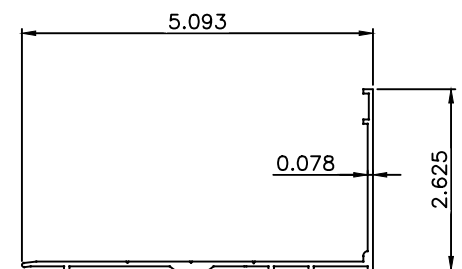
②① INTERMEDIATE HOR.



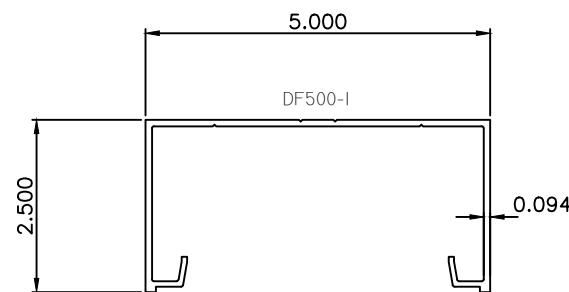
②② HVY VERT. MULLION



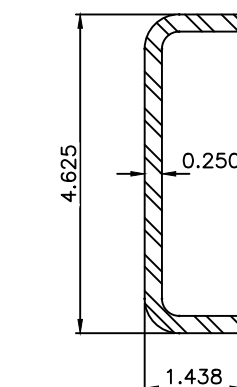
②③ HEAD OR WALL JAMB



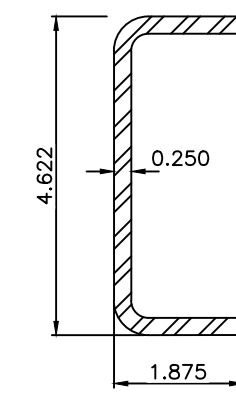
②④ SUBSILL FLASHING



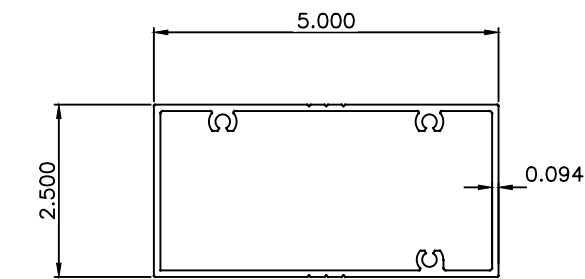
②⑤ HINGE JAMB



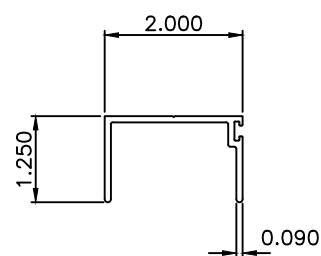
②③ ST500-4
STL. REIN.



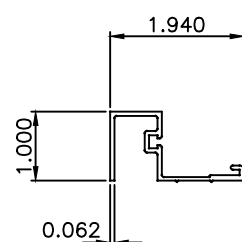
③② ST500-1
STL. REIN.



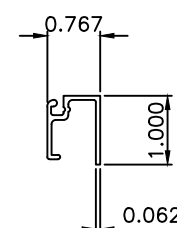
③③ TRANSOM BAR



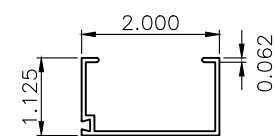
③④ O/A DOOR HEADER STOP



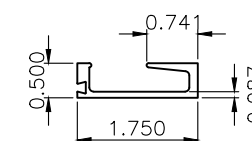
③⑤ TRANSOM SASH



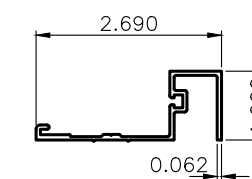
③⑥ 9/16" IMPACT GL STOP



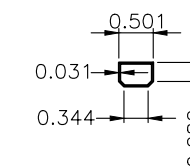
③⑦ HEADER DOOR STOP



③⑧ STD. DOOR STOP
(350 DOORS)



③⑨ TRANSOM SASH
(1-5/16" GLASS)



④③ INSULATED ALUM.
SPACER

BILL OF MATERIAL

ITEM NO.	PART #	DESCRIPTION	DIMENSIONS (INCHES)	MATERIAL	MANUFACTURER	NOTES
1	RG-1	EXTERIOR GLAZING GASKET	0.120 SPACE	EPDM, DURO 65 +/- 5, SHORE-A	VARIES	
2	RG-5	BULB GASKET @ DOOR STOP	0.377 X 0.420	EPDM, DURO 60 +/- 5, SHORE-A	VARIES	
3	RG-8	INTERIOR SPACER GASKET	0.375 X 0.194	EPDM, DURO 75 +/- 5, SHORE-A	VARIES	
4	RG-13	INTERIOR GASKET - DRY GLAZED	0.399 X 0.905	EPDM, DURO 65 +/- 5, SHORE-A	VARIES	
5	RW500-1	W-BLOCK	0.125 X 0.500 X 2.500	EPDM, DURO 70 +/- 5, SHORE-A	VARIES	
6	RSB-13	SETTING BLOCK @ SILL & HORIZONTAL	0.787 X 0.687	EPDM, DURO 85 +/- 5, SHORE-A	VARIES	2 / LITE
7	RSB-14	SETTING BLOCK @ INVERTED HORIZONTAL	0.907 X 0.587	EPDM, DURO 85 +/- 5, SHORE-A	VARIES	2 / LITE
8	RSB-15	SETTING BLOCK @ TRANSOM	0.788 X 0.387	EPDM, DURO 85 +/- 5, SHORE-A	VARIES	2 / LITE
9	GT-1	JOINT SEALANT TAPE	0.500 X 0.125 X VARIES	BUTYL	SCHNEE-MOREHEAD	
10	795	SILICONE- PERIMETER SEALANT	FILL SPACE	SILICONE	DOW CORNING	AT PERIMETER
11	995	SILICONE -GLASS TO METAL	FILL SPACE	SILICONE	DOW CORNING	GLASS TO METAL
12	WD451	WATER DEFLECTOR	1.358 X 0.585 X 0.040	ABS PLASTIC	TRULITE	AT EACH END INTERMEDIATE HORIZONTAL
13	ST500-4	STEEL REINFORCEMENT	4.625 X 1.437 X 0.250	A36 STEEL	VARIES	STEEL REINFORCEMENT
14	RSC500-1	SETTING CHAIR	1.170 X 0.902	EPDM, DURO 85 +/- 5, SHORE-A	TRULITE	2 / LITE AT SILL
15	ED500	END DAM	5.14 X 2.665 X 0.040	ABS PLASTIC	TRULITE	
16	CG500-11	JAMB/HEAD	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	TRULITE	
17	CG501-2	SILL OR HEAD	2.500 X 4.938 X .080	6063-T6 ALUMINUM	TRULITE	
18	CG501-3	GLASS STOP	1.250 X 1.624 X .078	6063-T6 ALUMINUM	TRULITE	
19	CG501-4	STD. VERTICAL MULLION	2.500 X 5.000 X .094	6063-T6 ALUMINUM	TRULITE	
20	CG501-5	OPEN BACK MULLION FILLER	.721 X 4.680 X .080	6063-T6 ALUMINUM	TRULITE	
21	CG501-6	INTERMEDIATE HORIZONTAL	2.500 X 4.938 X .080	6063-T6 ALUMINUM	TRULITE	
22	CG501-7	HEAVY VERTICAL MULLION	2.500 X 5.000 X .250	6063-T6 ALUMINUM	TRULITE	
23	CG501-11	HEAD OR WALL JAMB	2.500 X 5.000 X .094	6063-T6 ALUMINUM	TRULITE	
24	CG500-12	SUBSILL FLASHING	2.62 X 5.093 X .062	6063-T6 ALUMINUM	TRULITE	
25	DF500-1	HINGE JAMB	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	TRULITE	
26	FAS10-1	FASTENER	#10 X 3/4" PFH TEK	STEEL	VARIES	
27	FAS14-2	FASTENER	#14 X 1 HHSTS	STEEL	VARIES	TYPICAL SPLINE SCREW
28	FAS25-1	FASTENER	#10-24 X3/8 HH	STEEL	VARIES	ATTACH ST500-4 TO CG500-4
29	FASTENER	ATTACH ITEM # 21 TO CONCRETE SUBSTRATE	#12 X 2" FHP TAPCON	STEEL	VARIES	1" MINIMUM EMBEDMENT NON-STRUCTURAL
30	FASTENER	ATTACH ITEM # 21 TO WOOD SUBSTRATE	#12 X 2" FHP WD SCREW	STEEL	VARIES	1" MINIMUM EMBEDMENT NON-STRUCTURAL
31	FASTENER	ATTACH ITEM # 21 TO STL SUBSTRATE	#12 X 1-1/2" S.D. FHP	STEEL	VARIES	1" LONG NON-STRUCTURAL
32	ST500-1	STEEL REINFORCEMENT	4.625 X 1.75 X .250	STEEL	VARIES	
33	DF500-2	TRANSOM MULLION	2.500 X 5.000 X 0.094	6063-T6 ALUMINUM	TRULITE	
34	DF102	O/A DOOR HEADER STOP	1.250 X 2.00 X 0.090	6063-T6 ALUMINUM	TRULITE	
35	DF106	TRANSOM SASH	1.000 X 1.940 X 0.062	6063-T6 ALUMINUM	TRULITE	
36	DF107	9/16" IMPACT GL STOP	1.000 X 0.767 X 0.062	6063-T6 ALUMINUM	TRULITE	
37	AGA-95	HEADER DOOR STOP	1.750 X 0.500 X 0.090	6063-T6 ALUMINUM	TRULITE	
38	1046A	STD. DOOR STOP	1.750 X 0.500 X 0.090	6063-T6 ALUMINUM	TRULITE	
39	DF117	TRANSOM SASH (1-5/16" GLASS)	2.690 X 1.000 X 0.062	6063-T6 ALUMINUM	TRULITE	
40	RG-23	INTERIOR GASKET - DRY GLAZED	1.750 X 0.500 X 0.090	EPDM, DURO 65 +/- 5, SHORE-A	VARIES	
41	RG-2	EXTERIOR GLAZING GASKET	1.750 X 0.500 X 0.090	EPDM, DURO 65 +/- 5, SHORE-A	VARIES	
42	RSB-18	SETTING BLOCK @ TRANSOM	1.375 X 0.398	EPDM, DURO 85 +/- 5, SHORE-A	VARIES	
43	RG-1	INSULATED ALUMINUM SPACER	0.501 X 0.282 X 0.031	6063-T5 ALUMINUM	ALL METAL INC.	



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