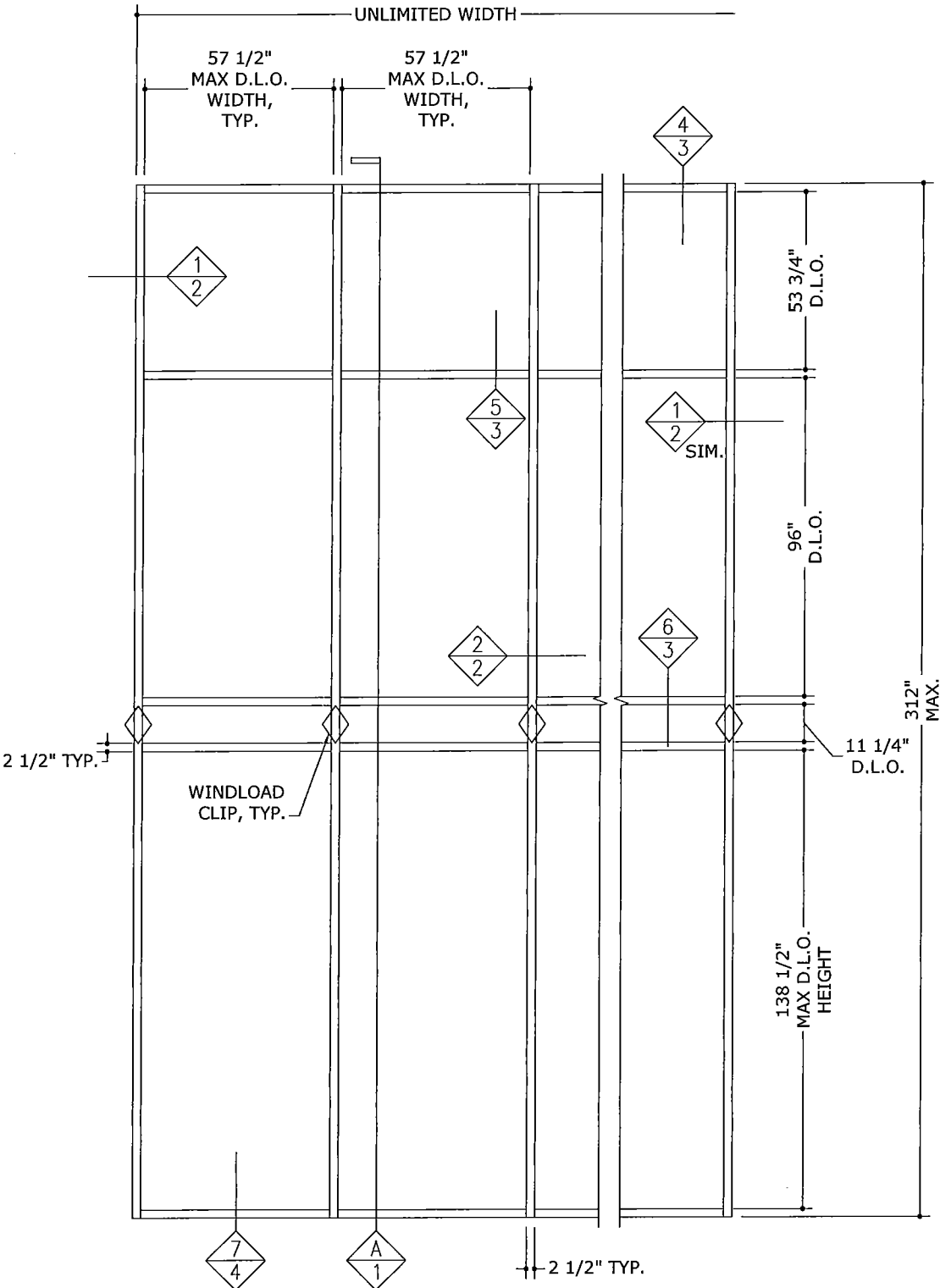


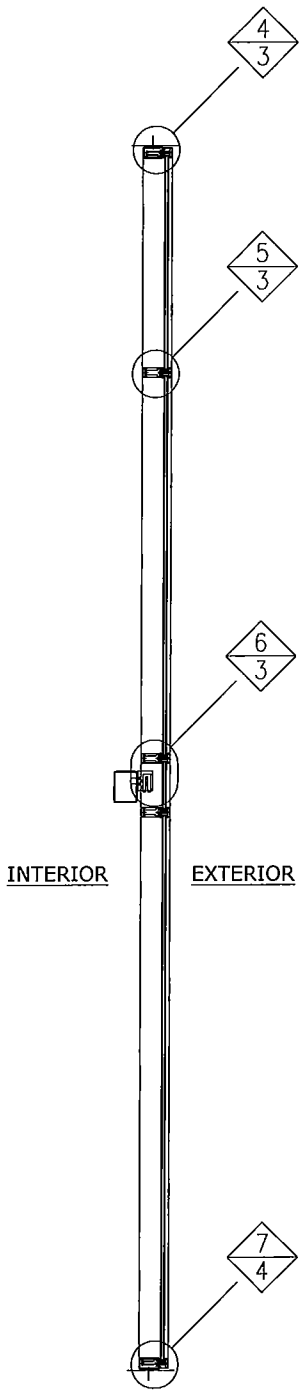
SERIES CW750 CURTAIN WALL SYSTEM

NON-IMPACT RESISTANT



NOTE: ALL GLAZING MAY BE GLAZING TYPE 'A' OR 'B' PER GLAZING DETAILS

1 TYPICAL ELEVATION
1 1/4" = 1'-0" EXTERIOR ELEV.



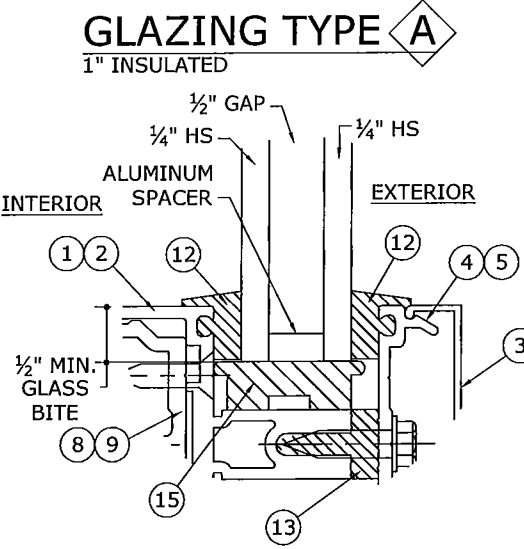
A VERTICAL SECTION
1 1/4" = 1'-0" VERT SECTION

ALLOWABLE
DESIGN PRESSURES

+50 PSF
-50 PSF

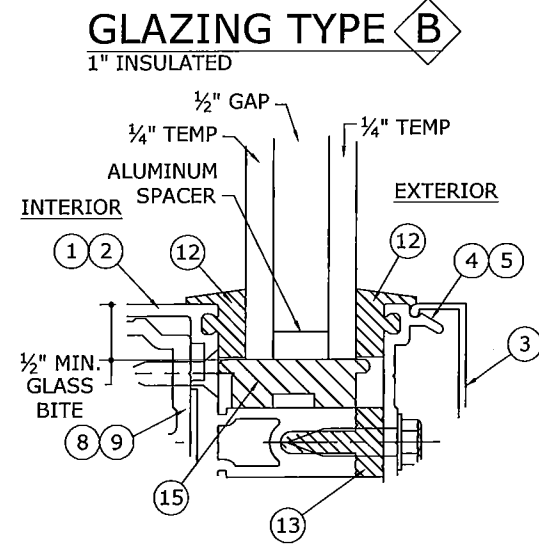
GENERAL NOTES

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE WITH 2009 SUPPLEMENTS, FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, PER ASTM E330, E283, E331, E1300, AND AAMA 501 STANDARDS.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. MULTIPLE UNITS MAY BE INSTALLED TO UNLIMITED WIDTH AS SHOWN.
5. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
6. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS.
7. THE CONTRACTOR IS RESPONSIBLE TO INSULATE MEMBERS FROM DISSIMILAR METALS TO PREVENT ELECTROLYSIS.
8. ALL EXTRUSIONS SHALL BE 6063-T6 ALUMINUM ALLOY, UNLESS NOTED OTHERWISE.
9. THE CURTAINWALL SYSTEM DETAILED HEREIN IS NOT IMPACT RESISTANT AND REQUIRES PROTECTION FROM WIND-BORNE DEBRIS WHERE APPLICABLE.
10. EXTERIOR SEAM OF FRAME CORNERS SHALL BE SEALED WITH SILICONE.
11. ALL BOLTS & WASHERS SHALL BE ZINC COATED STEEL, GALVANIZED STEEL, OR STAINLESS STEEL WITH A MINIMUM TENSILE YIELD STRENGTH OF 60 KSI, UNLESS OTHERWISE NOTED HEREIN.
12. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED AS PRESCRIBED IN THE ABOVE-NOTED BUILDING CODE.



NOTE: SEE SECTIONS FOR REQUIRED FASTENERS

B GLAZING DETAILS
1 N.T.S. VERT SECTION



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SERIES CW750 CURTAIN WALL SYSTEM
NON-IMPACT RESISTANT
FLORIDA PRODUCT APPROVAL

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	FLB	01/21/11

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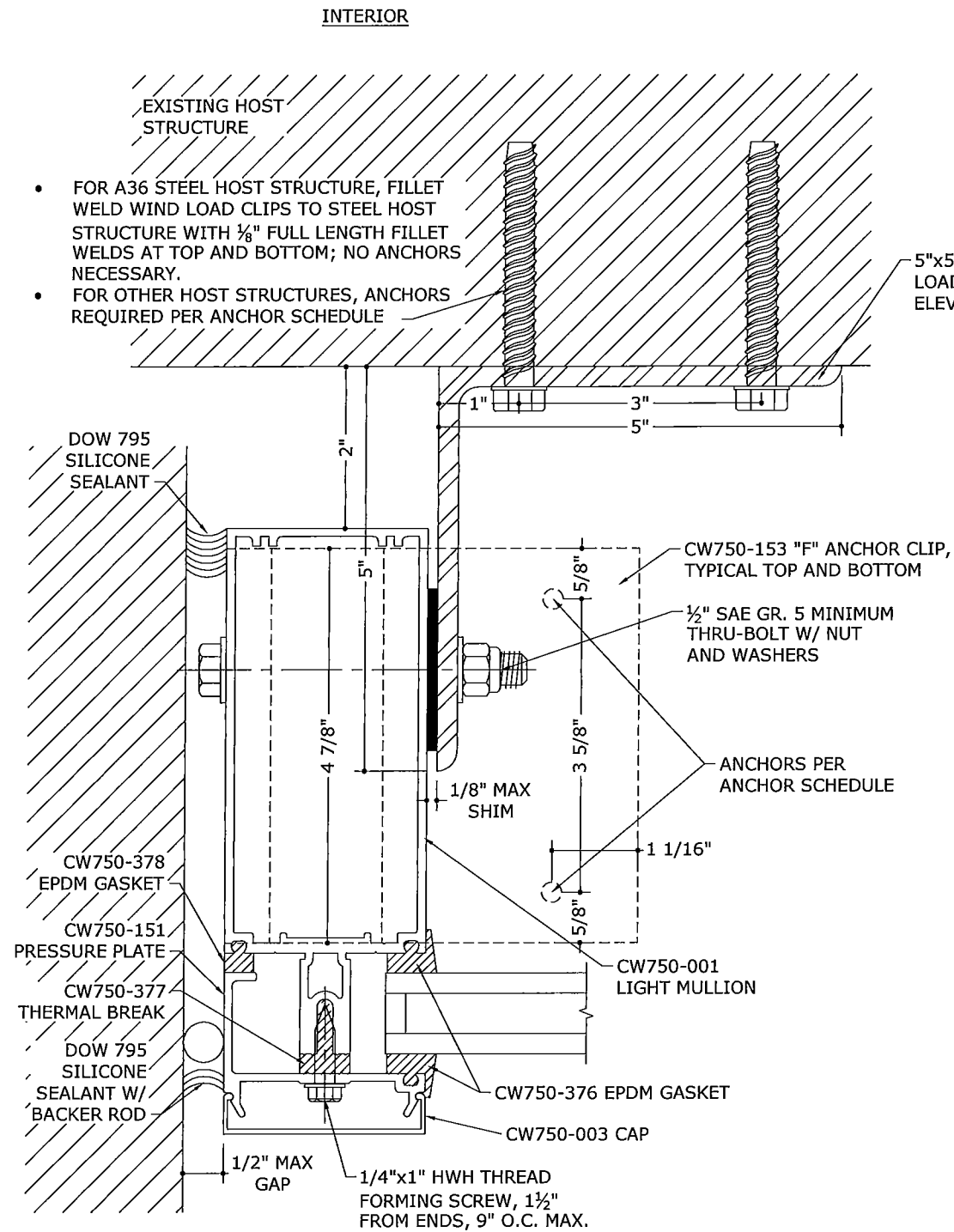
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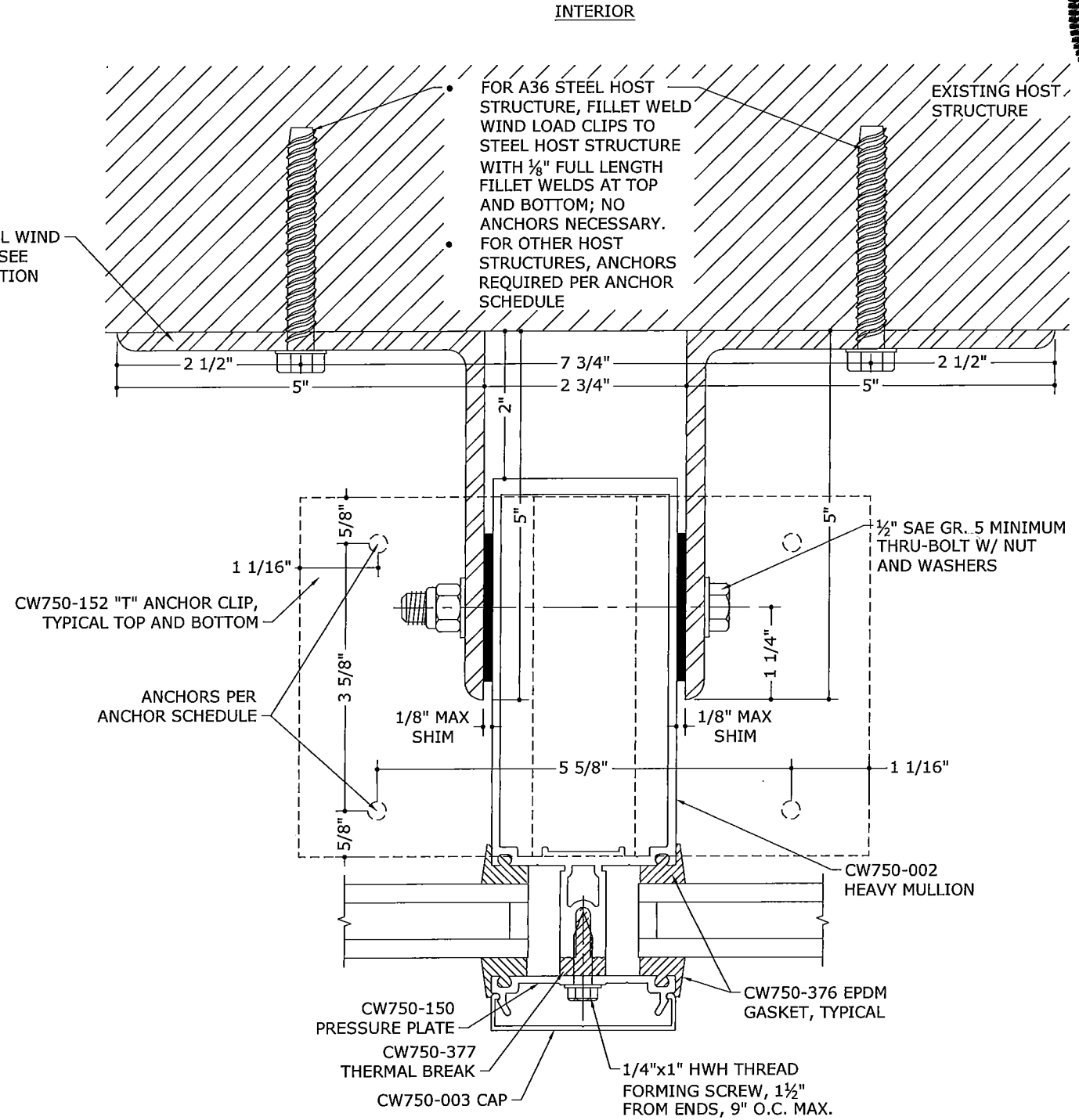
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1 TYPICAL JAMB
2 6" = 1'-0" HORIZ SECTION



2 TYPICAL INTERMEDIATE VERTICAL
2 6" = 1'-0" HORIZ SECTION

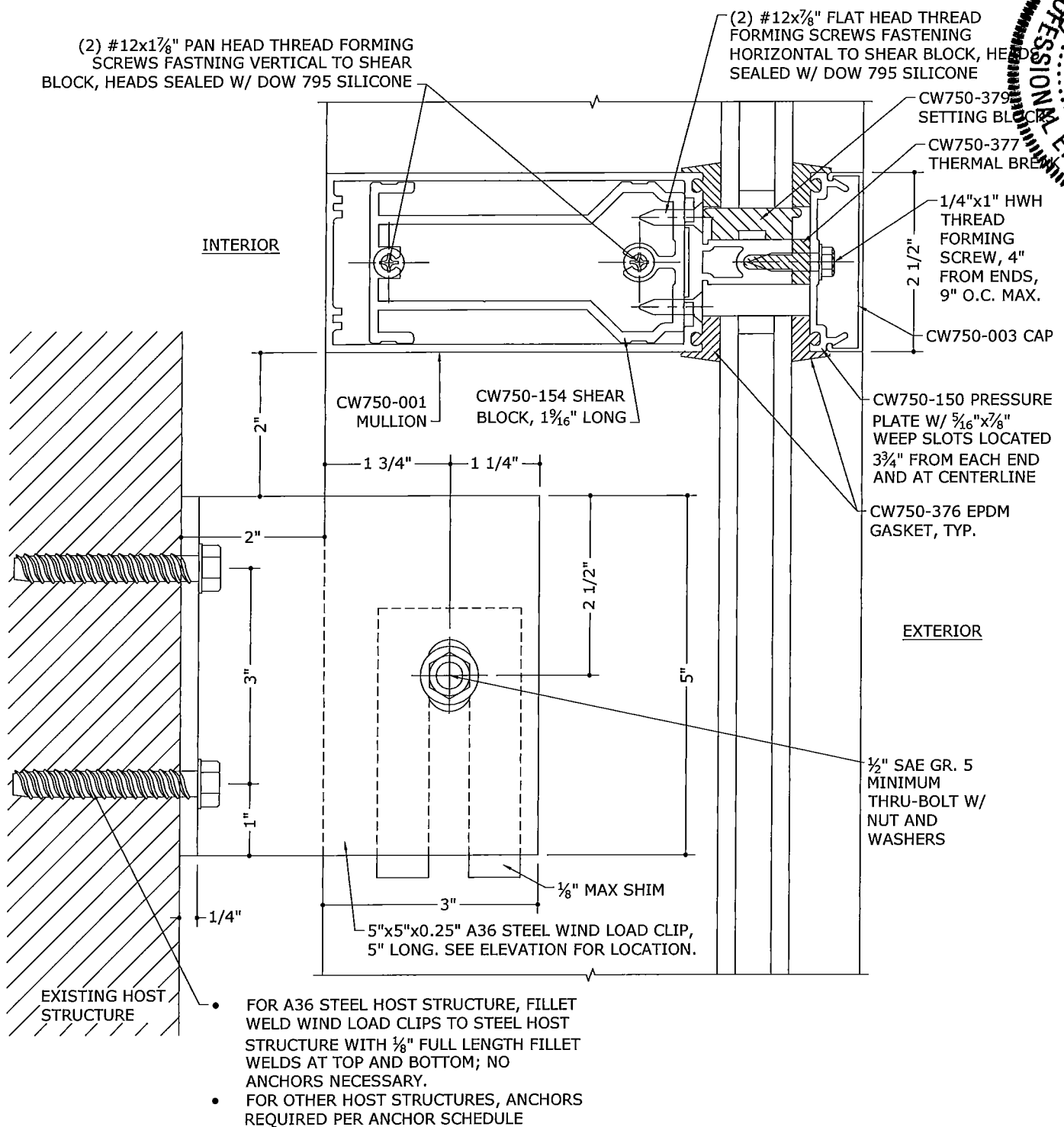
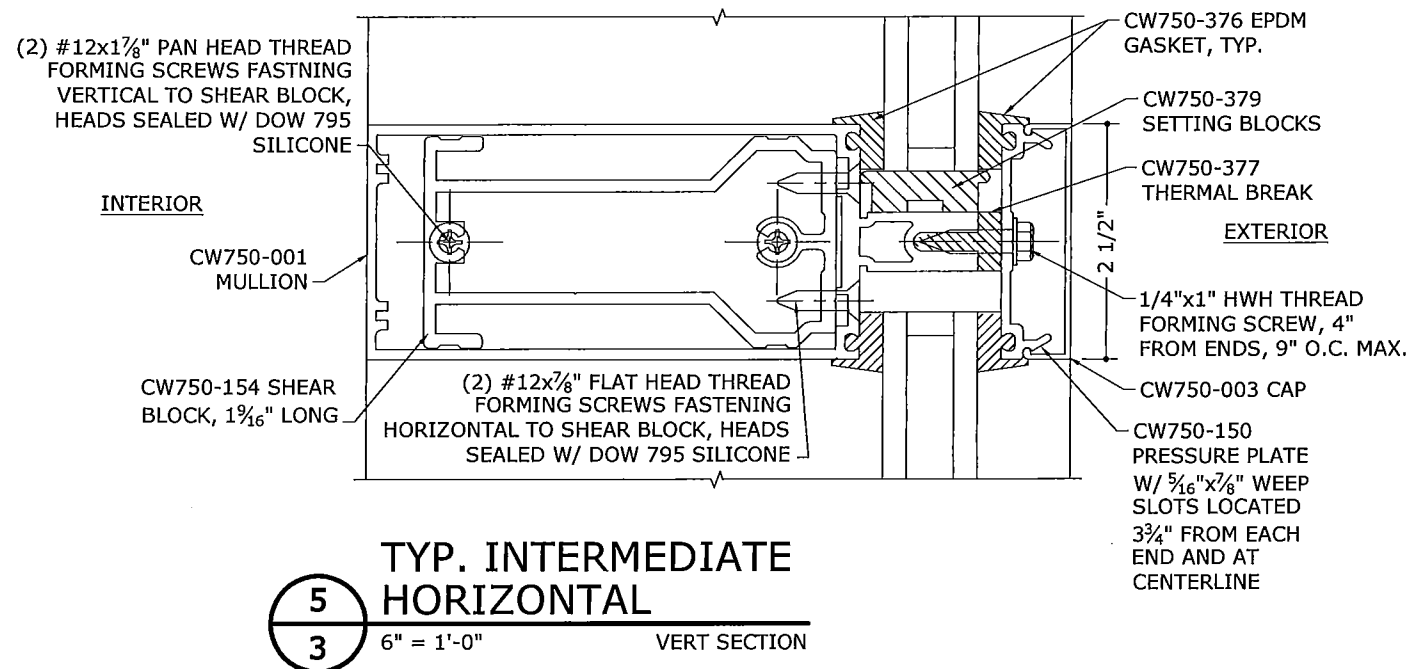
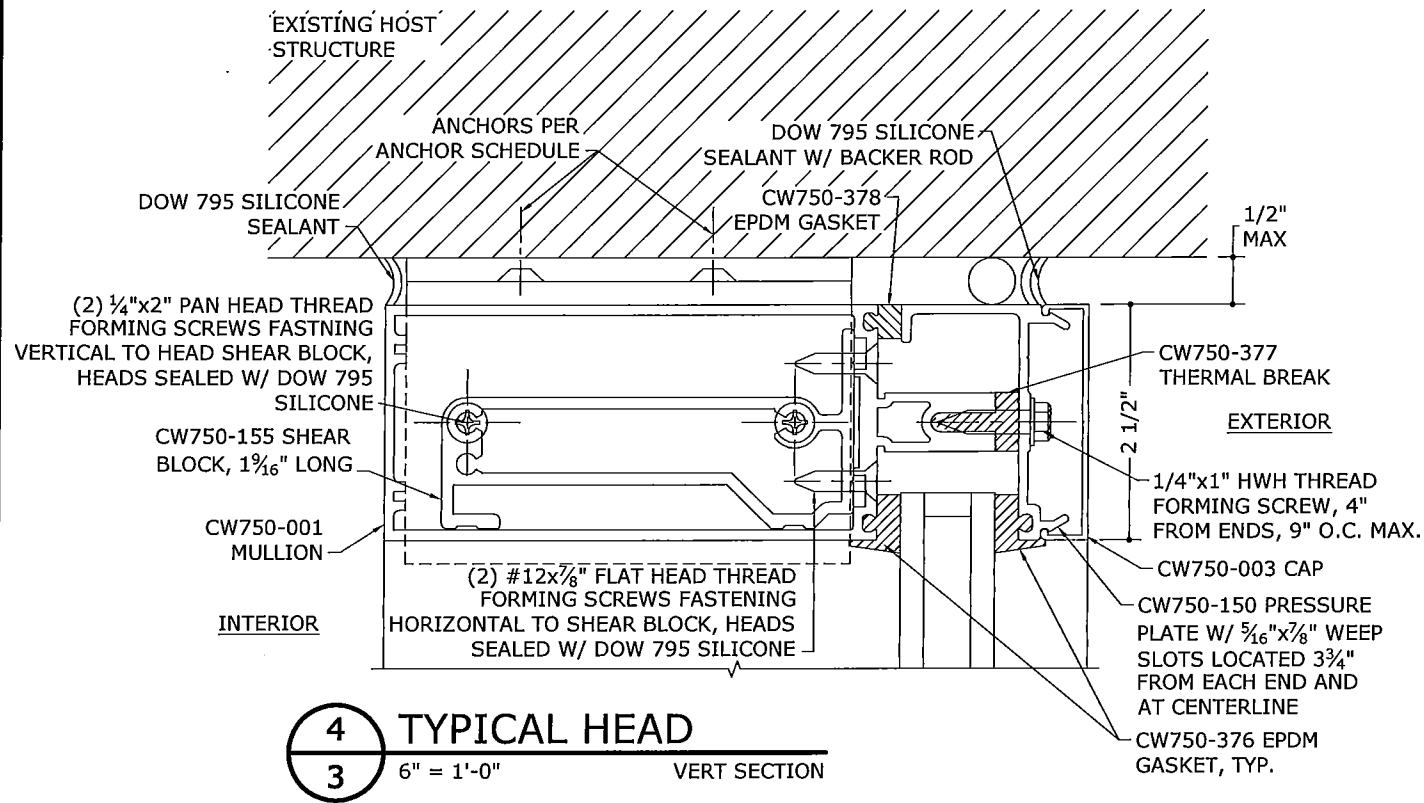
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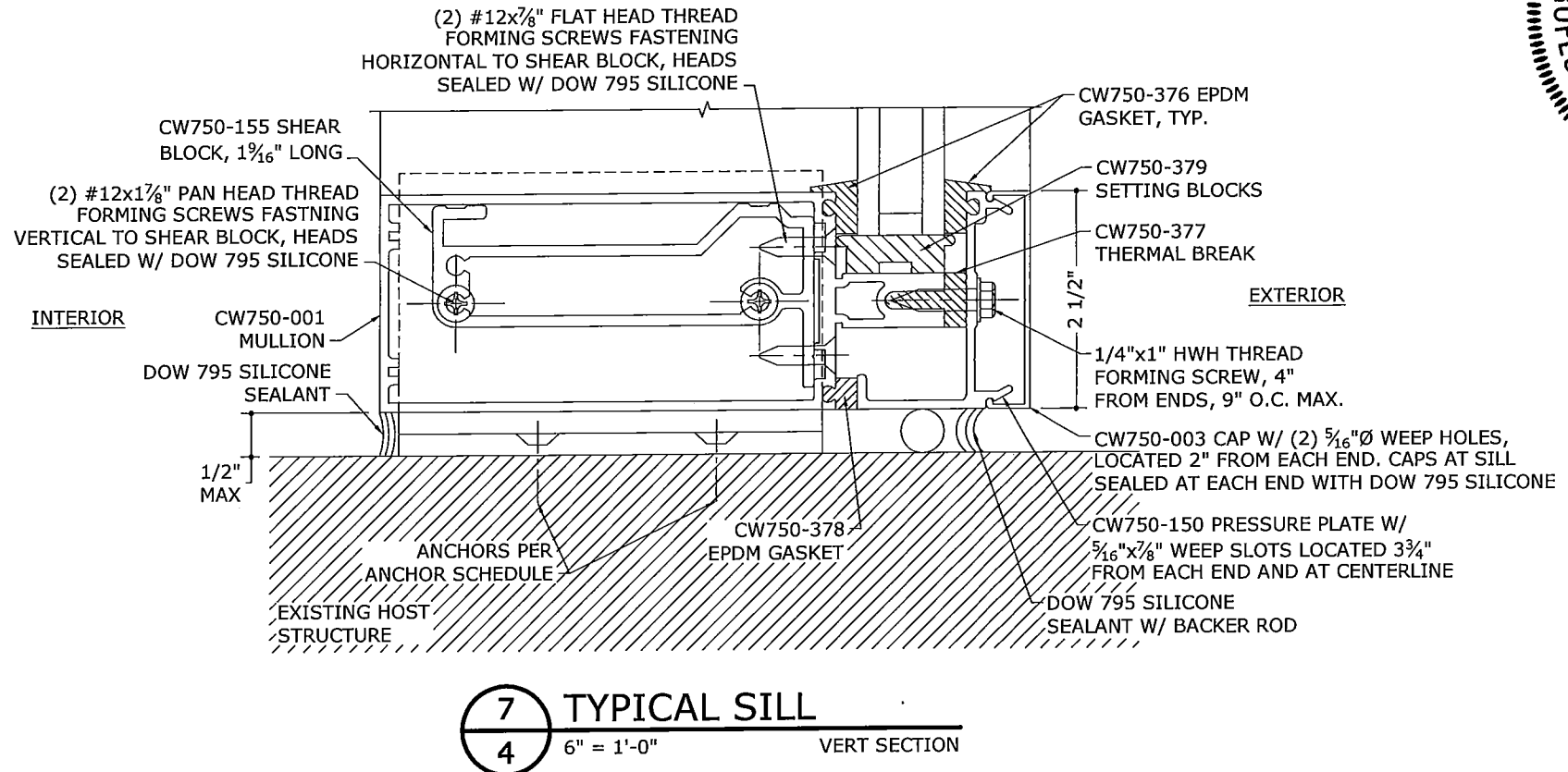
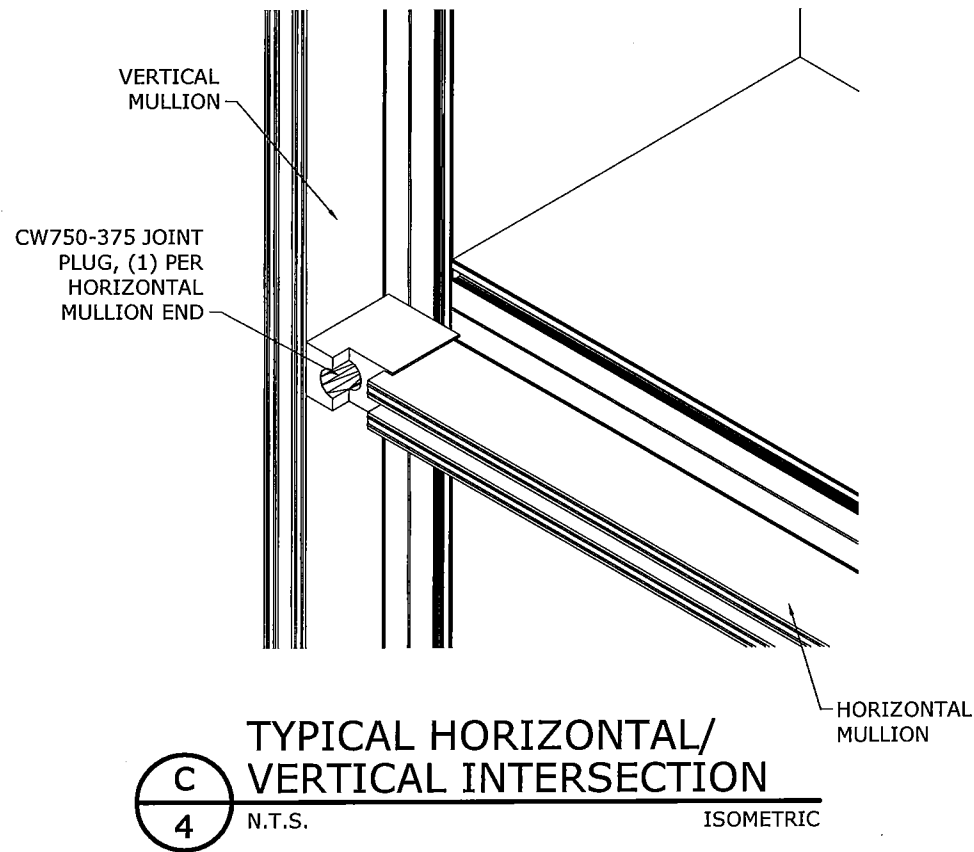
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INT ISSUE	KL	FLB	01/21/11

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ANCHOR SCHEDULE:

ANCHOR LOCATION	EXISTING HOST STRUCTURE SUBSTRATE	
	CONCRETE	1/8" MINIMUM A36 STEEL
"F" CLIP AT JAMBS	(2) 5/16" CARBON STEEL ITW TAPCON XL, WITH 2-1/4" MINIMUM EMBEDMENT AND 2-3/16" MINIMUM EDGE DISTANCE TO 2899 PSI MIN CONCRETE	#14 SAE GRADE 5 SMS OR SDS WITH 1/2" MINIMUM EDGE DISTANCE AND FULL THREAD PENETRATION THROUGH STEEL HOST STRUCTURE
"T" CLIP AT INTERMEDIATE MULLIONS	(4) 1/4" STAINLESS STEEL ITW TAPCONS, WITH 1-3/4" MINIMUM EMBEDMENT AND 2-1/2" MINIMUM EDGE DISTANCE TO 3192 PSI MIN CONCRETE OR (4) 5/16" CARBON STEEL ITW TAPCON XL, WITH 1-1/4" MINIMUM EMBEDMENT AND 2-3/16" MINIMUM EDGE DISTANCE TO 2899 PSI MIN CONCRETE	#14 SAE GRADE 5 SMS OR SDS WITH 1/2" MINIMUM EDGE DISTANCE AND FULL THREAD PENETRATION THROUGH STEEL HOST STRUCTURE
WIND LOAD CLIP AT JAMBS OR INTERMEDIATE MULLIONS	(4) 3/8" POWERS WEDGE BOLTS WITH 3-1/2" MINIMUM EMBEDMENT AND 4-1/2" MINIMUM EDGE DISTANCE TO 4000 PSI MINIMUM CONCRETE	1/8" FULL LENGTH FILLET WELD (5" LONG) AT TOP AND BOTTOM OF EACH CLIP

ANCHOR NOTES:

1. SEE EXTERIOR ELEVATION AND SECTION VIEWS FOR ANCHOR LOCATIONS AND/OR SPACING.
2. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
3. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
4. SCREWS SHALL BE INSTALLED WITH FULL ENGAGEMENT OF THREADS INTO METAL HOST STRUCTURE AND MAY HAVE EITHER A FLAT HEAD, PAN HEAD, TRUSS HEAD, OR OTHER HEAD STYLES.
5. ALL WELDING MUST BE DONE BY AN AWS CERTIFIED WELDER OR SHALL CONFORM TO AISC STEEL CONSTRUCTION MANUAL 13TH ED AS INSPECTED AND VERIFIED BY OTHERS. MIN. WELD IS 1/8" FULL FILLET WELD. WELDED CONNECTIONS SHALL UTILIZE E70 SERIES ELECTRODES.

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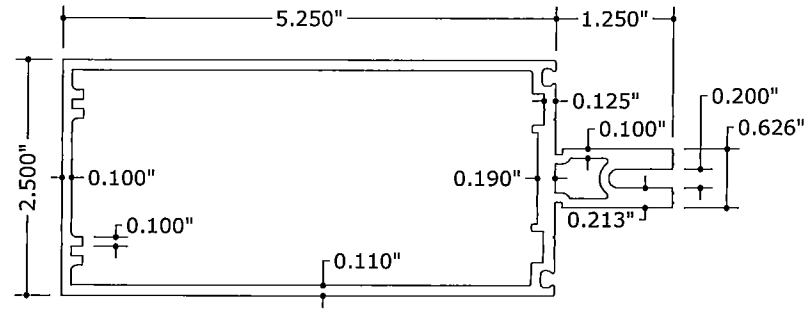
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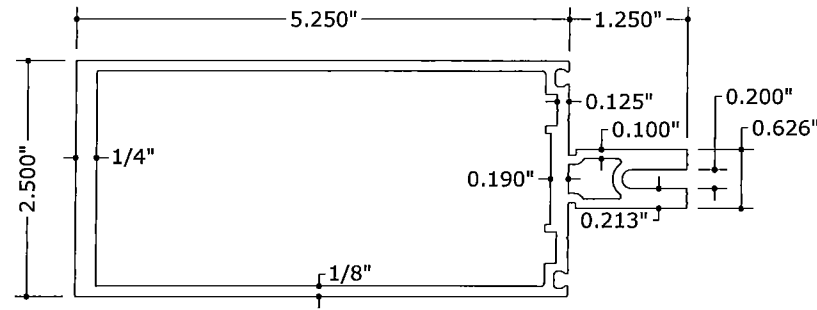
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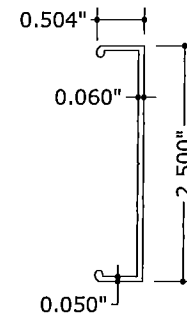
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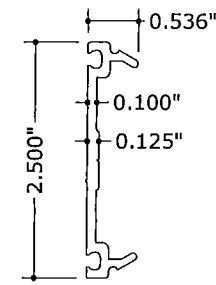
① CW750-001
LIGHT MULLION
6" = 1'-0" 6063-T6 ALUM



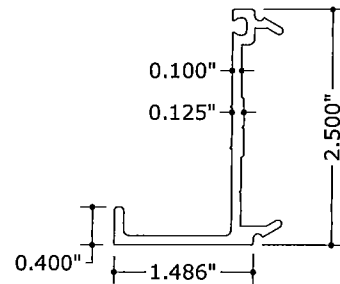
② CW750-002
HEAVY MULLION
6" = 1'-0" 6063-T6 ALUM



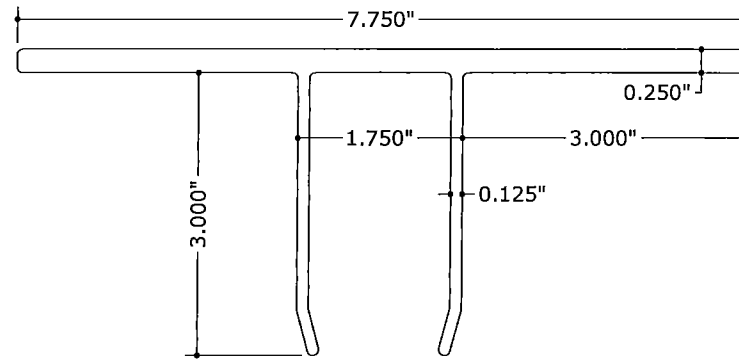
③ CW750-003
SNAP ON CAP
6" = 1'-0" 6063-T6 ALUM



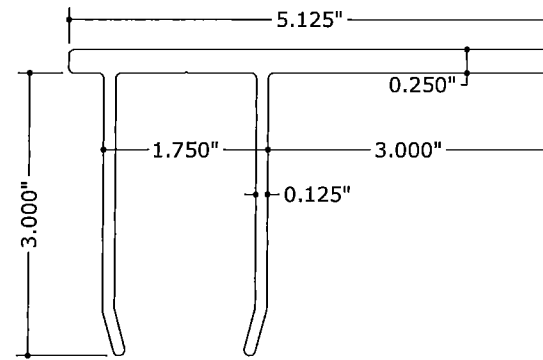
④ CW750-150
PRESSURE PLATE
6" = 1'-0" 6063-T6 ALUM



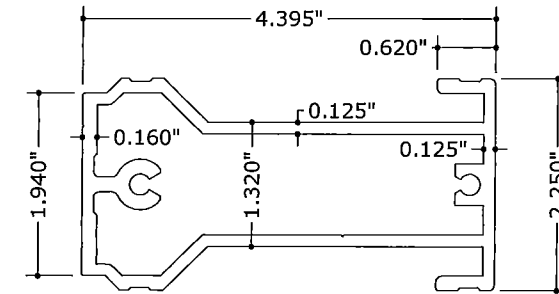
⑤ CW750-151
PERIMETER PRESSURE PLATE
6" = 1'-0" 6063-T6 ALUM



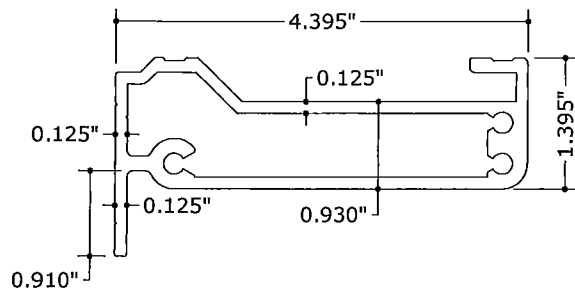
⑥ CW750-152
"T" CLIP
6" = 1'-0" 6063-T6 ALUM



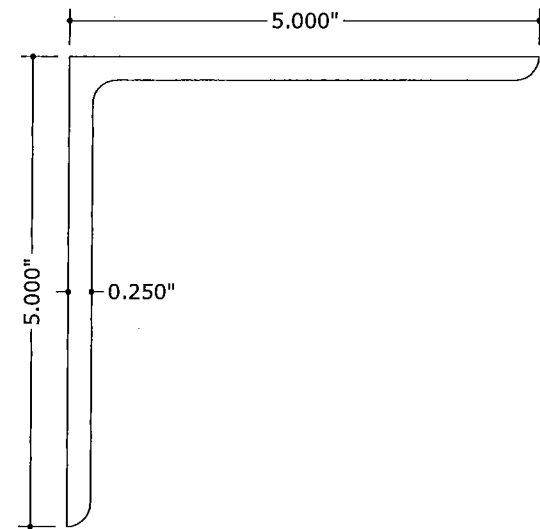
⑦ CW750-153
"F" CLIP
6" = 1'-0" 6063-T6 ALUM



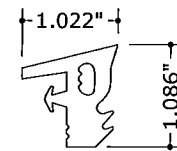
⑧ CW750-154
SHEAR BLOCK
6" = 1'-0" 6063-T6 ALUM



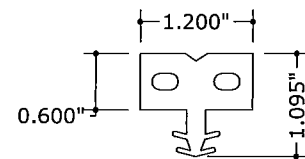
⑨ CW750-155
HEAD/SILL SHEAR BLOCK
6" = 1'-0" 6063-T6 ALUM



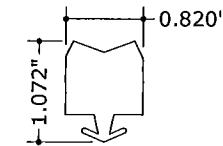
⑩ CW750-157
WIND LOAD CLIP
6" = 1'-0" A36 STEEL



⑫ CW750-376
GLAZING GASKET
1'-0" = 1'-0" EPDM



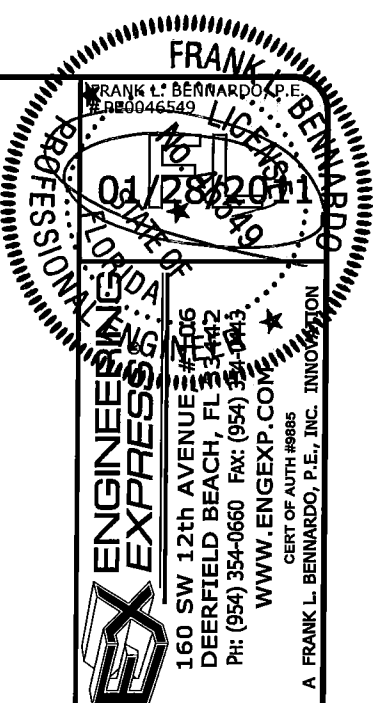
⑬ CW750-377
THERMAL BREAK
1'-0" = 1'-0" EPDM



⑭ CW750-378
PERIMETER GASKET
1'-0" = 1'-0" EPDM

BILL OF MATERIALS

	DESCRIPTION	MATERIAL	PART #
1	2-1/2"x5-1/4" LIGHT MULLION FOR 1" GLASS	6063-T6 ALUMINUM	CW750-001
2	2-1/2"x5-1/4" HEAVY MULLION FOR 1" GLASS	6063-T6 ALUMINUM	CW750-002
3	SNAP ON CAP	6063-T6 ALUMINUM	CW750-003
4	PRESSURE PLATE	6063-T6 ALUMINUM	CW750-150
5	PERIMETER PRESSURE PLATE	6063-T6 ALUMINUM	CW750-151
6	"T" CLIP	6063-T6 ALUMINUM	CW750-152
7	"F" CLIP	6063-T6 ALUMINUM	CW750-153
8	SHEAR BLOCK	6063-T6 ALUMINUM	CW750-154
9	HEAD/SILL SHEAR BLOCK	6063-T6 ALUMINUM	CW750-155
10	WIND LOAD CLIP	A36 STEEL	CW750-157
11	JOINT PLUG		CW750-375
12	GLAZING GASKET - 70 DUROMETER	EPDM	CW750-376
13	THERMAL BREAK - 70 DUROMETER	EPDM	CW750-377
14	PERIMETER GASKET - 70 DUROMETER	EPDM	CW750-378
15	1" SETTING BLOCK		CW750-379



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NON-IMPACT RESISTANT

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