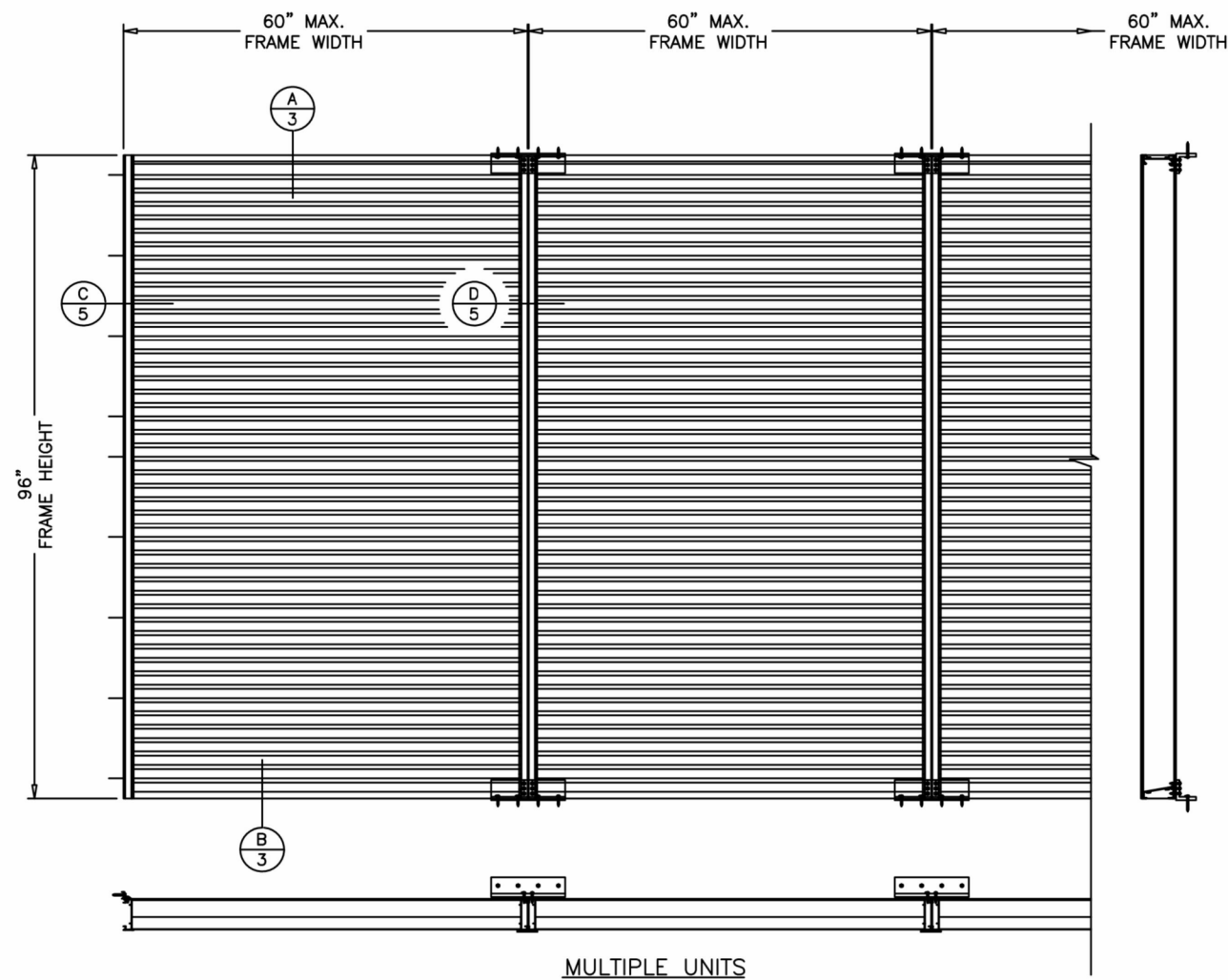
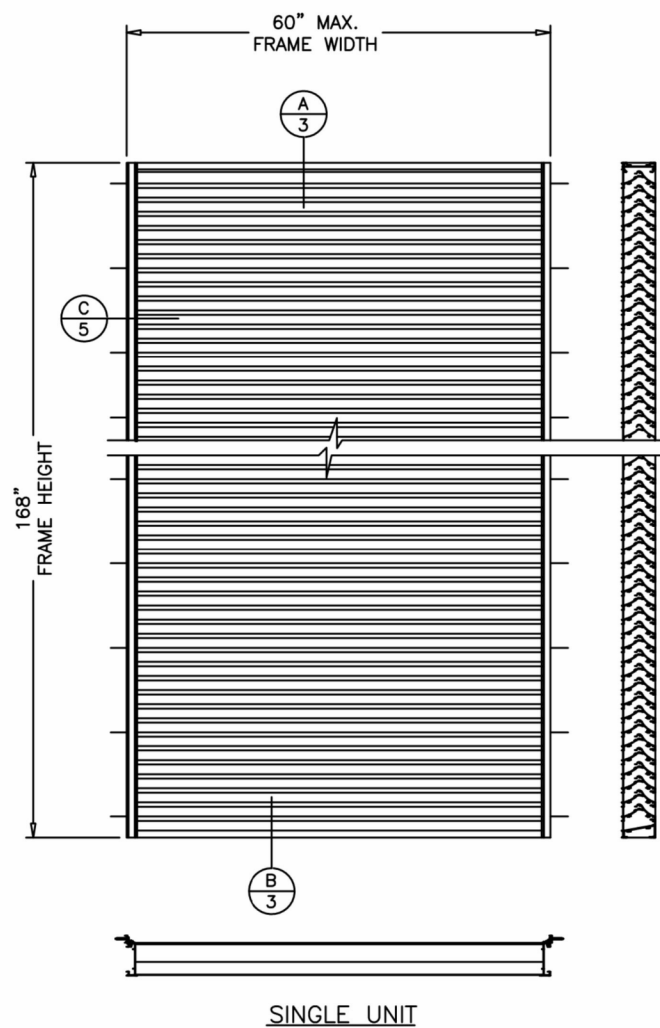




TYPICAL ELEVATIONS

SERIES 2700 ALUMINUM LOUVER SYSTEM

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

ANCHORS SHALL BE CORROSION RESISTANT AS LISTED, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

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

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

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE. LABELING TO COMPLY WITH SECTION 1709.9.2.

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

MAXIMUM DESIGN LOAD RATING = $\pm$ 120.0 PSF
(FOR SIZES SHOWN OR SMALLER)

FL#33717.1



JAVAD AHMAD PE, inc

7875 NW 12th St., Suite 102 Doral,
FL 33126

Ph: (305) 424-8001

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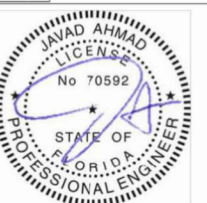
drawing no.	JA-1844-24	drawn by:	MA
date:	12/30/2024	check by:	BS
REVISION			
No.	DATE	BY	DESCRIPTION

SERIES 2700: ALUMINUM LOUVER SYSTEM
(L.M.I.)

LARGE MISSILE IMPACT RATED



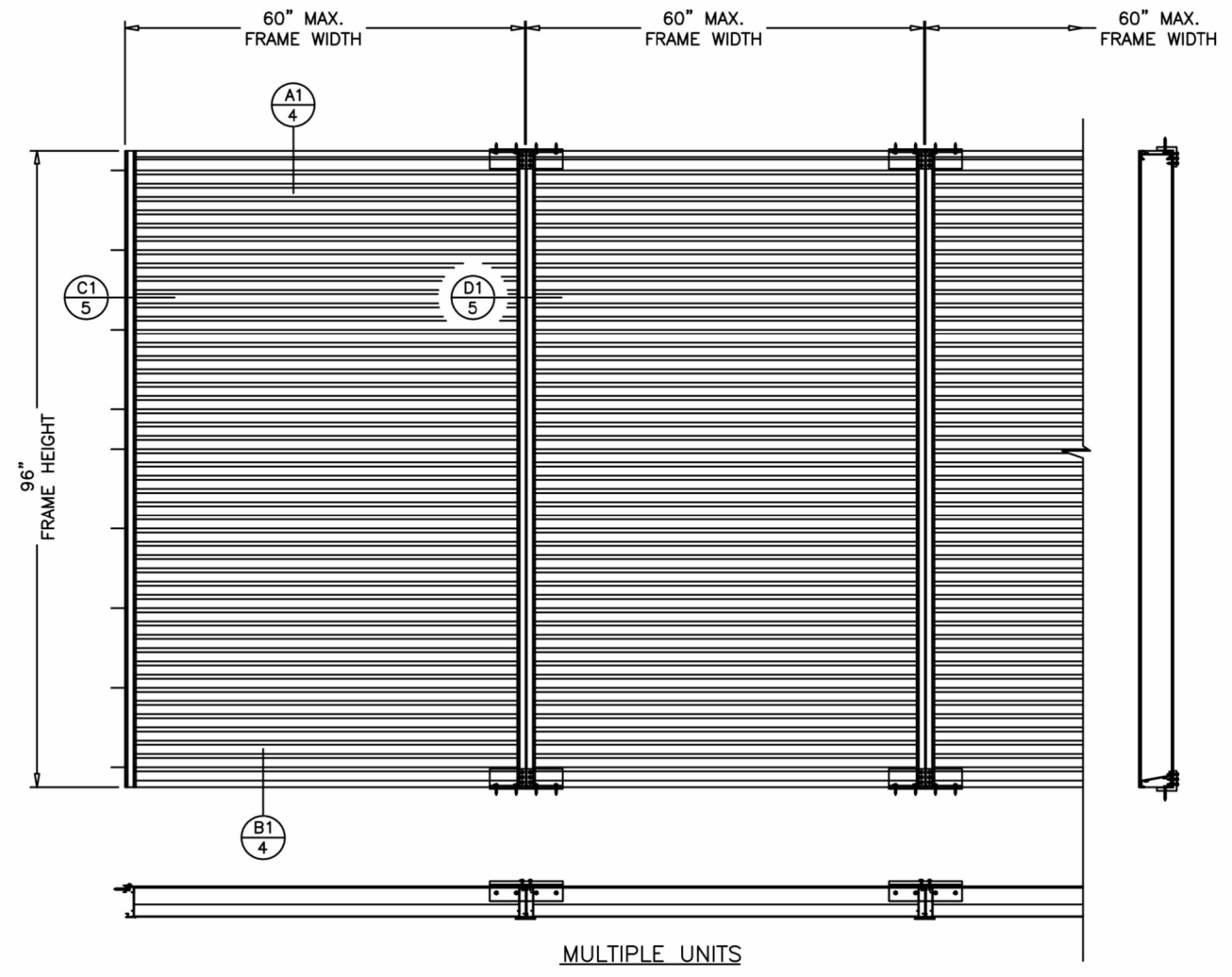
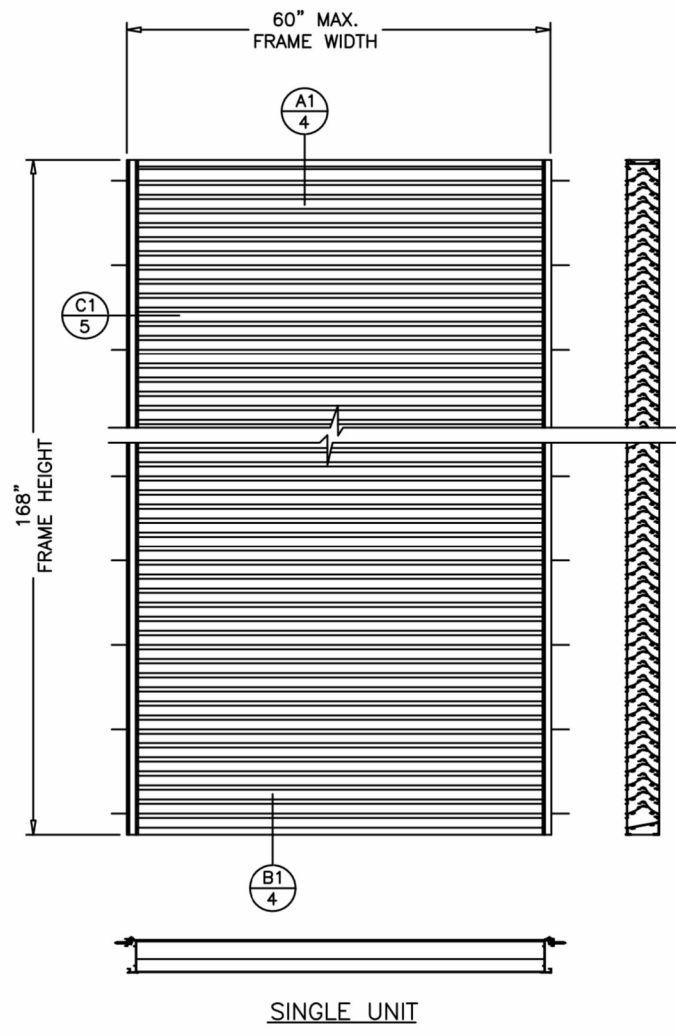
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TYPICAL ELEVATIONS

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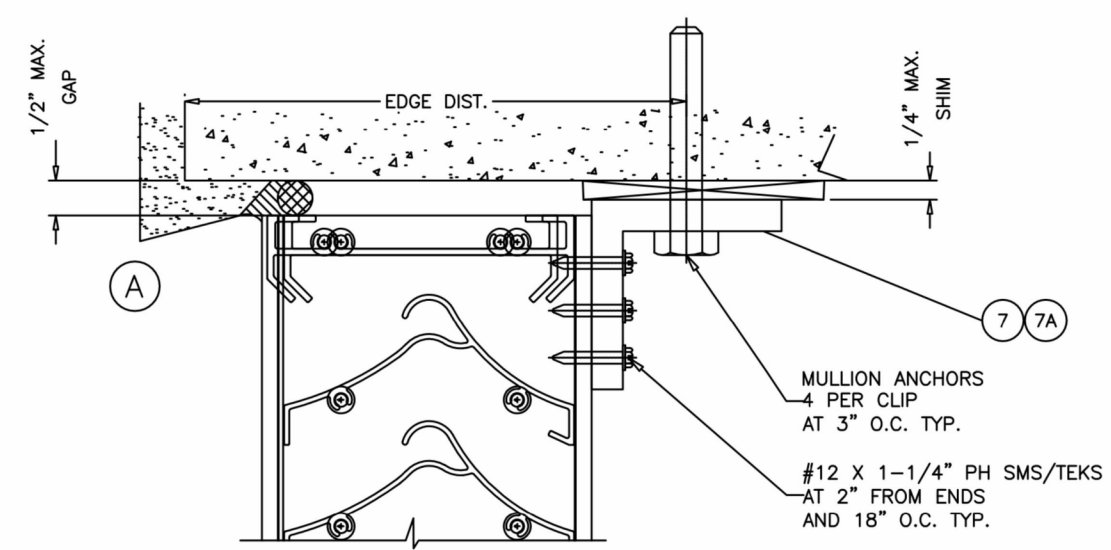
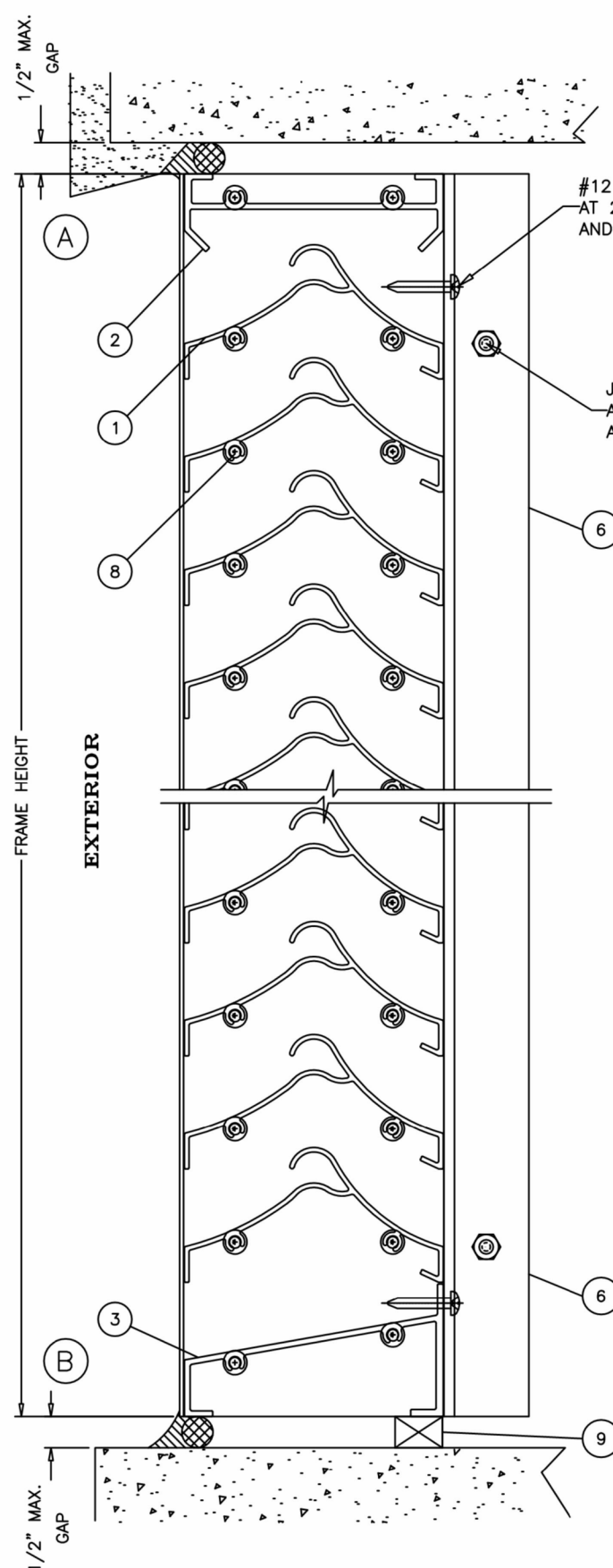
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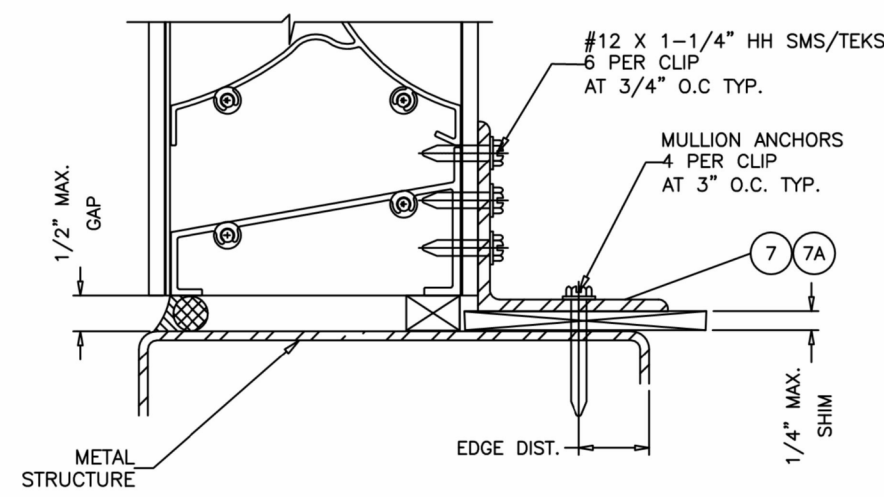


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METAL STRUCTURE NOT BY 'ECO WINDOWS' MUST SUSTAIN LOADS IMPOSED BY LOUVER SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

- JAMB ANCHORS:** SEE ELEV. FOR SPACING
- 1/4" DIA ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE OR BLOCKS
1-3/4" MIN. EMBED. INTO CONCRETE
1-1/4" MIN. EMBED INTO BLOCKS
- 1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
INTO FBC APPROVED MULLIONS
OR
INTO METAL STRUCTURES
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 3/16" THK. MIN. (6063-T6 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
- CRITICAL EDGE DISTANCES
INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
- CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.
- MULLION CLIP ANCHORS:**
- 1/2" DIA KWIK HUS-EZ BY 'HILTI'
DIRECTLY INTO CONCRETE
3" MIN. EMBED. INTO CONCRETE
3-1/2" MIN. EDGE DISTANCE
3" MIN. CL TO CL DISTANCE
- 1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
INTO METAL STRUCTURES
3 THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
1" MIN. EDGE DISTANCE
3" MIN. CL TO CL DISTANCE



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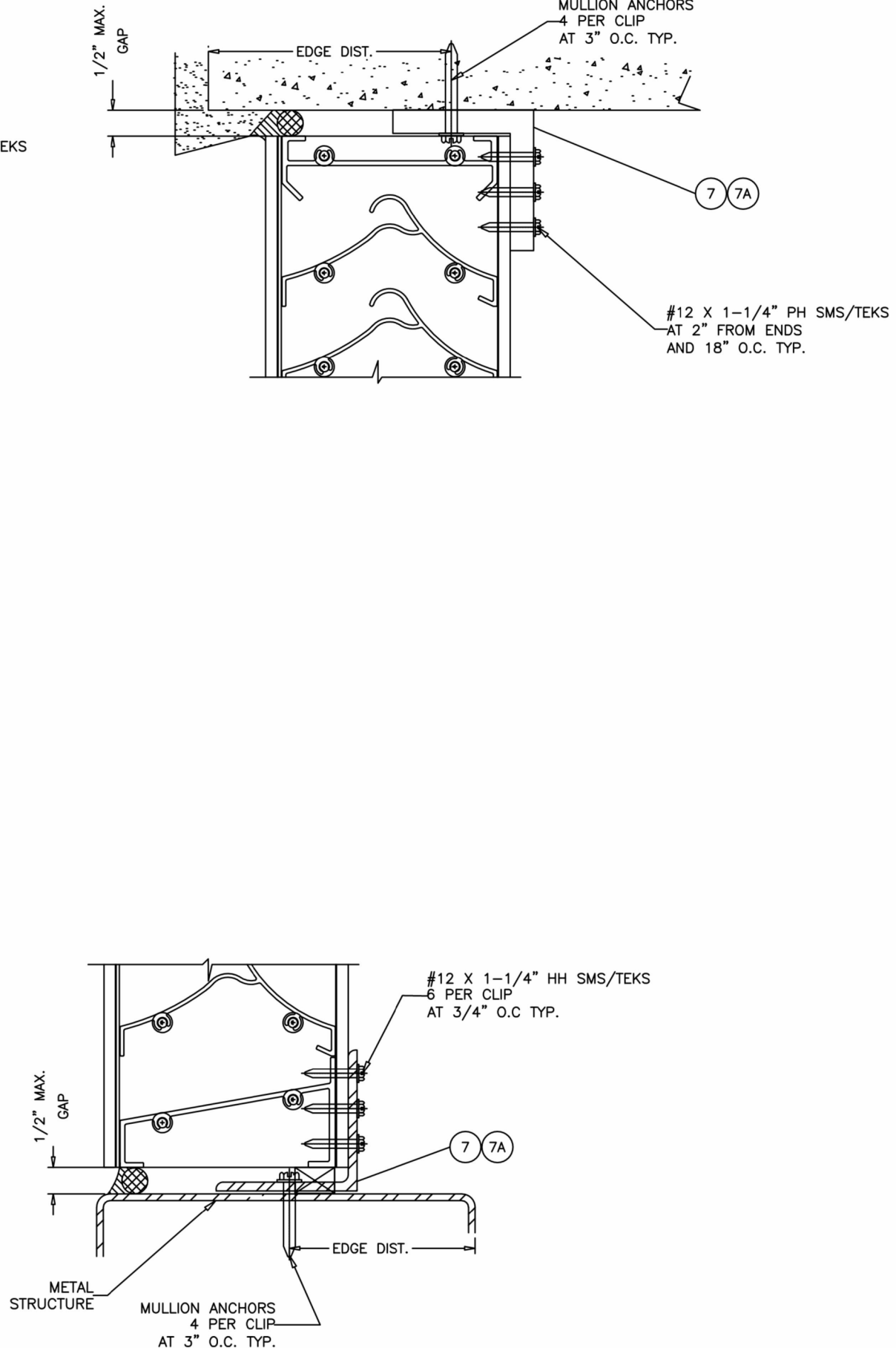
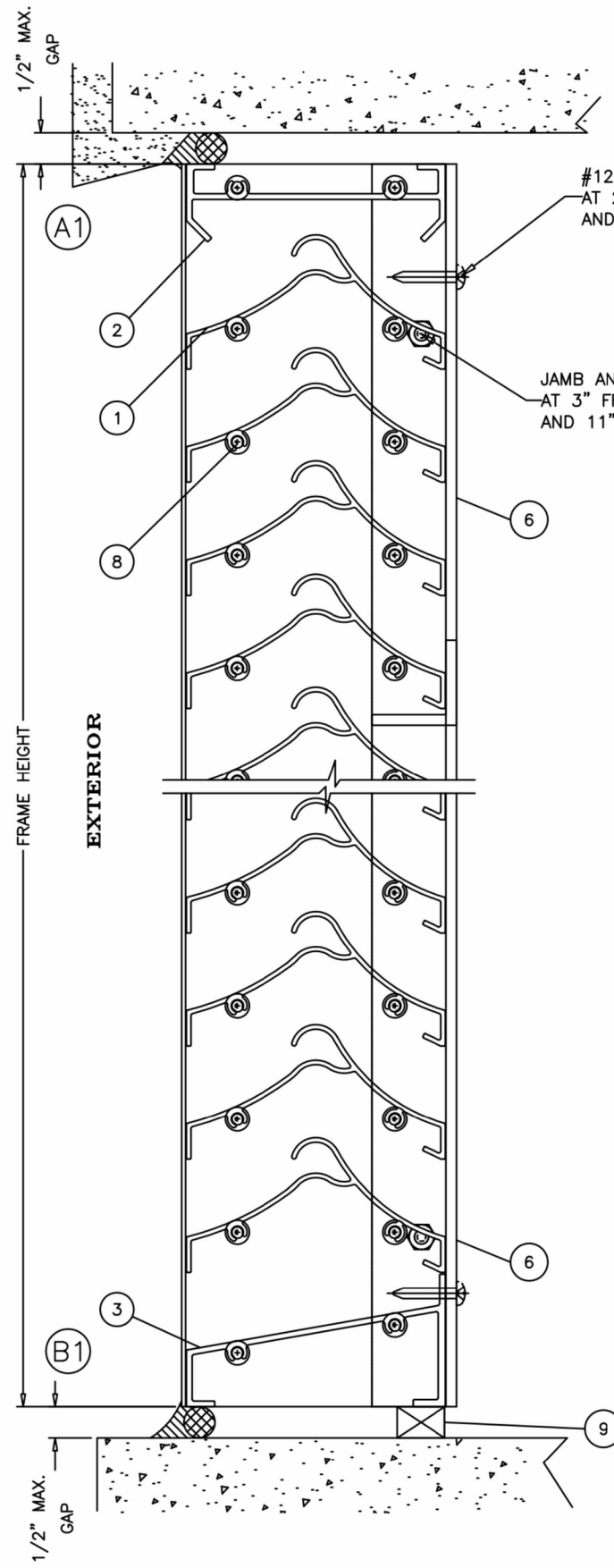
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LARGE MISSILE IMPACT RATED

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JAVAD AHMAD
LICENSE
No 70592
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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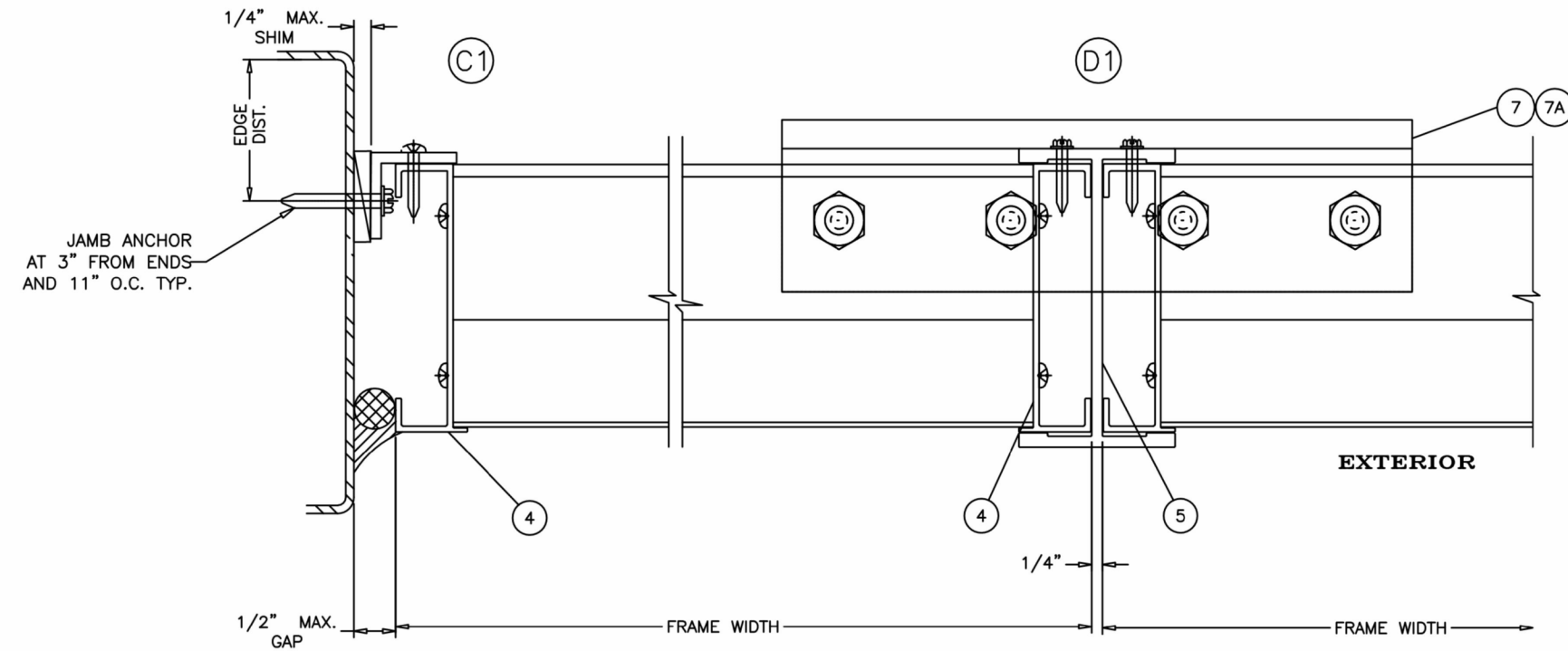
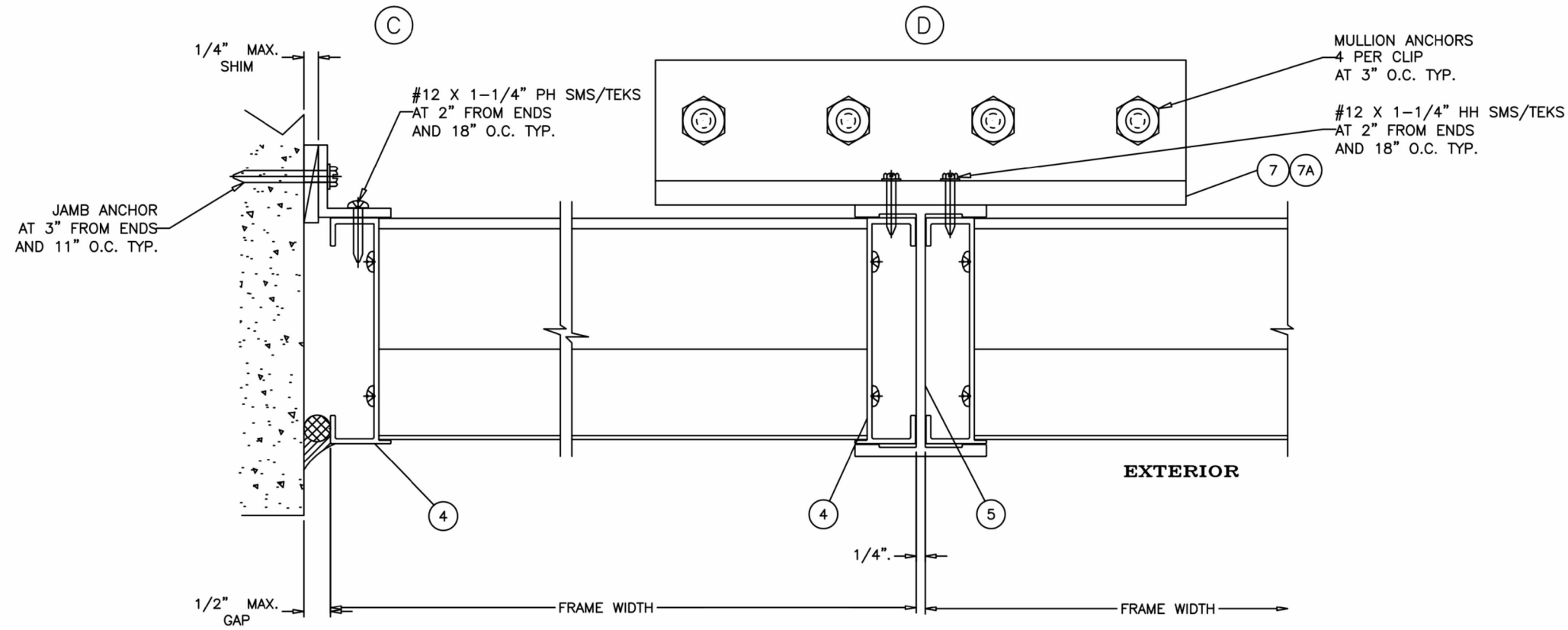
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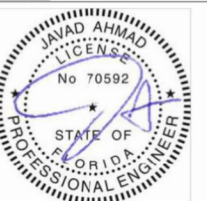
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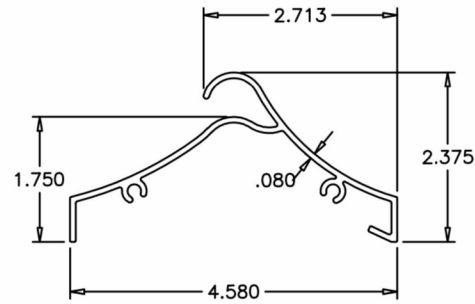
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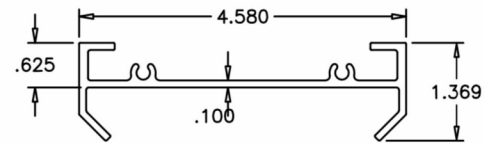
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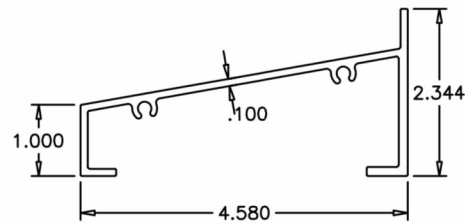
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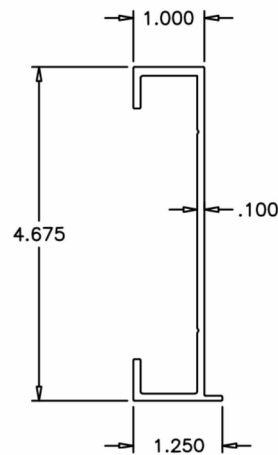
1 LOUVER BLADE



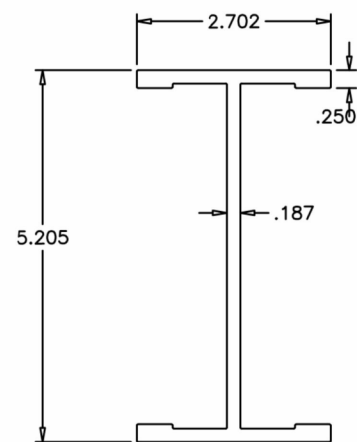
2 FRAME HEAD



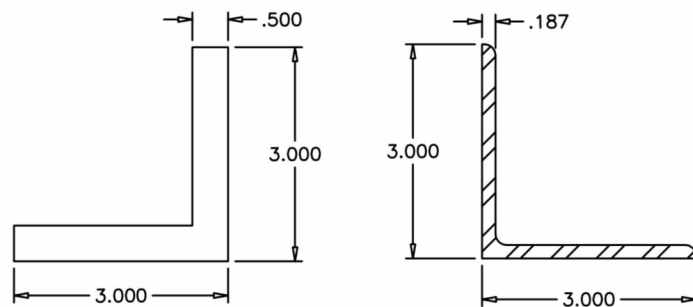
3 FRAME SILL



4 FRAME JAMB



5 SLIP MULLION



7 7A MULLION CLIPS

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	2702	AS REQD.	LOUVER BLADE	6063-T6	-
2	2703	AS REQD.	FRAME HEAD	6063-T6	-
3	2701	AS REQD.	FRAME SILL	6063-T6	-
4	2704	AS REQD.	FRAME JAMB	6063-T6	-
5	2705	AS REQD.	SLIP MULLION	6063-T6	-
6	-	AS REQD.	MOUNTING ANGLE, CONTINUOUS	6063-T6	-
7	-	AS REQD.	MULLION CLIP, 11" LONG	6063-T6	-
7A	-	AS REQD.	ALT. MULLION CLIP, 11" LONG	STEEL	A36, Fu MIN. = 58 KSI
8	#12 X 1-3/4"	AS REQD.	ASSEMBLY FASTENERS	-	PH SMS
9	-	AS REQD.	DEAD LOAD BLOCKS AT 1/4 POINTS	-	1/4" X 1/2" X 6" LONG



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