

Commercial Door Manufacturing, Inc.

2914 Girard NE, Albuquerque, NM 87107

CommercialDoorMfg.com

505-881-1034

(fax) 505-884-1484

Hollow Metal Submittal

APPROVAL

JOB #

GENERAL NOTES

1. Approval of these shop drawings constitutes an agreement between the contractor and/or the architect that all dimensions and complete listing are correct.
2. Approved hardware schedule and a complete listing of all templates are required when these drawings are approved.
3. No material will be fabricated from these drawings and hardware schedule prior to formal approval and after which no alterations or deletions will be allowed without written consent.
4. These drawings have been prepared for the use of our company only. We will not be responsible for any errors which might effect other trades using these drawings.
5. The contractor is responsible for checking shipments received on job with the bill of lading and inspecting for damage. The contractor must note any shortage on the shippers bill of lading and the contractor is responsible for filing his own freight claim.
6. Our company will not be liable for any rework to our product nor honor any backcharge, unless prior written authorization has been obtained from our office or factory representative.
7. CDM will not be responsible for fit of doors where frames are not set absolutely plumb, square, and level. Spreaders installed on frames are for shipping purposes only.
8. Wherever field joints are required or shown they shall be welded or screw applied on jobsite by others.
9. Hollow metal doors and frames are to be mortised, reinforced, drilled, and tapped for all mortised hardware. Doors and frames are to be reinforced only for all surface applied hardware. Drilling and tapping for surface applied hardware are to be done by others. All holes 1/2" or less in diameter are to be field drilled by others.
10. CDM will not furnish screws, bolts or other fastenings for attaching our materials to other trades (all rough hardware).

DOORS EXT: GA. CORE SERIES EDGE TYPE
DOORS INT: GA. CORE SERIES EDGE TYPE
FRAMES EXT: INT: GA: FRAMES / DOORS: MANUFACTURED BY CDH - MEMBER OF NAAMM

FRAMES MITERED AND WELDED WITH RABBETS AND STOPS MECHANICALLY INTERLOCKED

ARCHITECT:	
CONTRACTOR:	
OFFICE #:	
OFFICE FAX#:	
SITE #:	
SITE FAX #:	
JOB:	
ADDRESS:	
CITY, STATE:	
DATE:	
DRAWN BY:	
REVIEWED BY:	

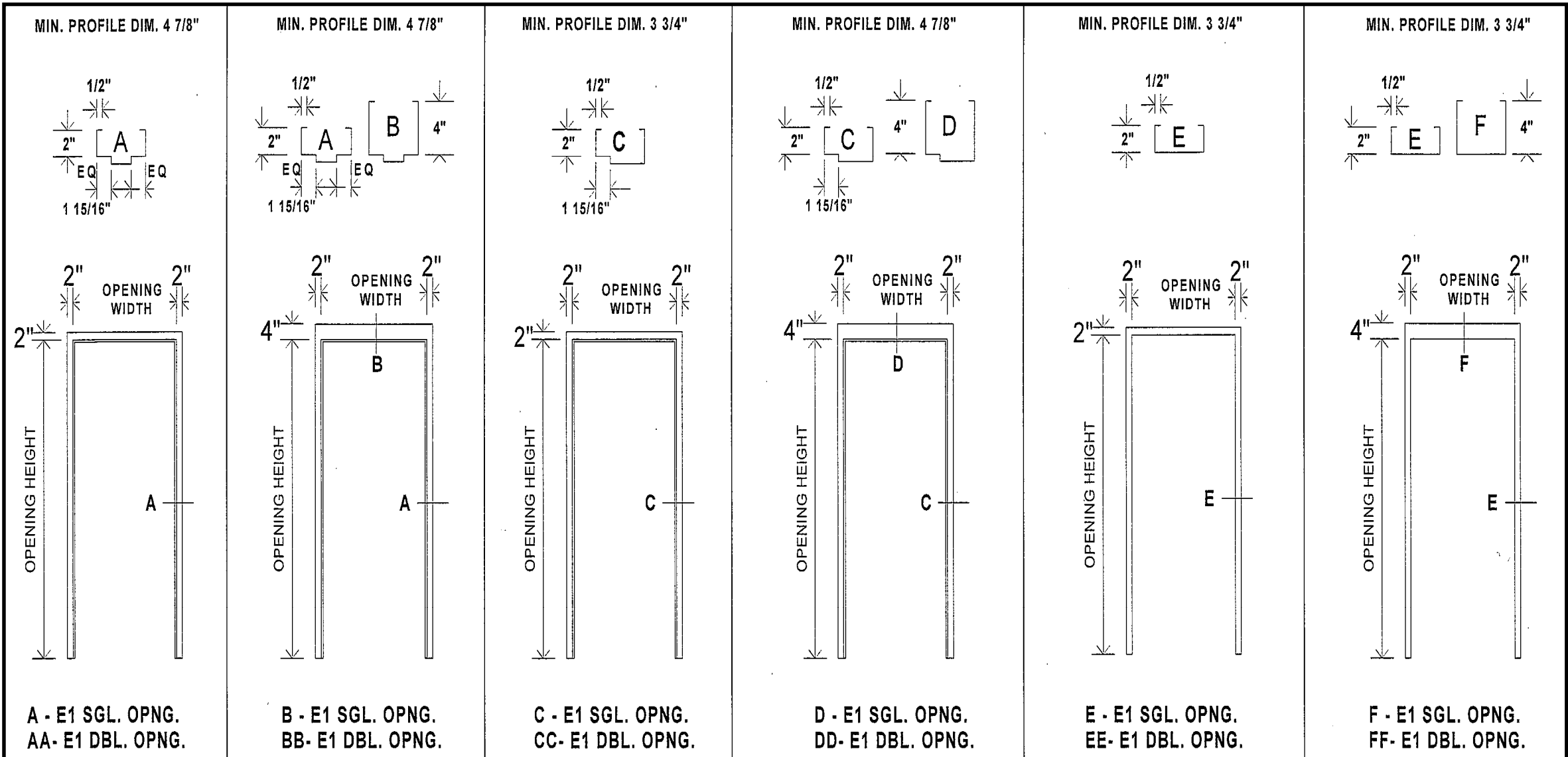
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Commercial Door Manufacturing, Inc.

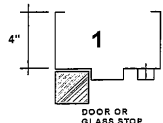
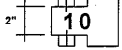
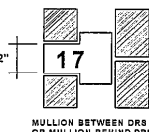
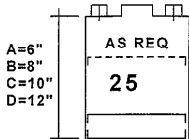
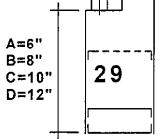
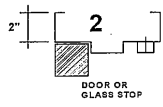
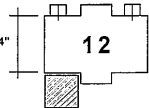
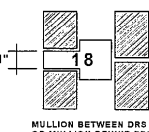
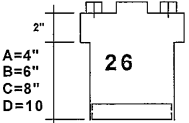
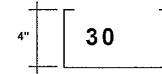
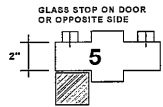
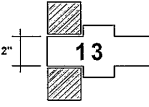
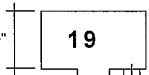
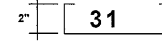
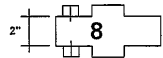
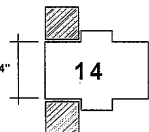
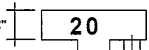
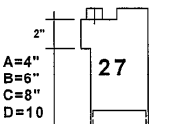

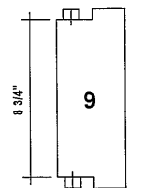
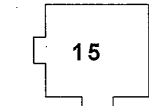


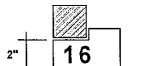
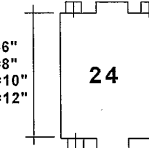
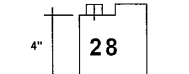
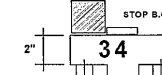

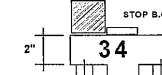
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Standard Frame Elevations



Frame Profiles

					JOB NO.	SHEET D1 DETAILS	
 DOOR OR GLASS STOP		 MULLION BETWEEN DRs OR MULLION BEHIND DRs	 A=6" B=8" C=10" D=12"	 A=6" B=8" C=10" D=12"			STD. SECT WW
 DOOR OR GLASS STOP		 MULLION BETWEEN DRs OR MULLION BEHIND DRs	 A=4" B=6" C=8" D=10"				SECTION DIMENSION JAMB DEPTH
 GLASS STOP ON DOOR OR OPPOSITE SIDE							07
			 A=4" B=6" C=8" D=10"				06
				 GLASS STOP EITHER SIDE			05
		 A=6" B=8" C=10" D=12"		 STOP B.O. GLASS STOP EITHER SIDE			04
				 GLASS STOP EITHER SIDE			03
				 STOP B.O. GLASS STOP EITHER SIDE			02
							01
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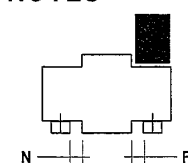

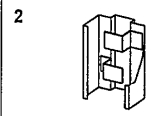
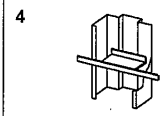
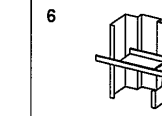
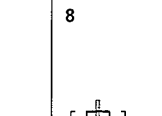
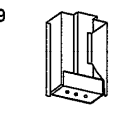

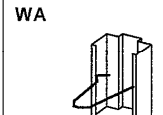
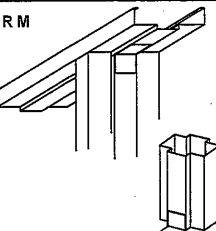
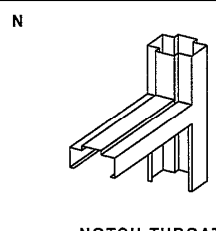
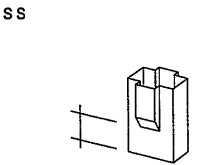
505-881-1034

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Anchors

JOB NO:

"FS" ANCHOR SHEET

1	2	4	6	8	FRAME SPECIFICATIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:10%;">GA.</th> <th>ITEM</th> </tr> </thead> <tbody> <tr> <td>18</td> <td>EXTERIOR FRAMES</td> </tr> <tr> <td>18</td> <td>INTERIOR FRAMES</td> </tr> <tr> <td>14</td> <td>FLOOR ANCHORS</td> </tr> <tr> <td>16</td> <td>WALL ANCHORS</td> </tr> <tr> <td>14</td> <td>STRIKE REINFORCEMENT</td> </tr> <tr> <td>3/16"</td> <td>HINGE REINFORCEMENT</td> </tr> <tr> <td>12</td> <td>MORTISED CLOSER AND HOLDER REINFORCEMENT</td> </tr> <tr> <td>12</td> <td>SURFACE HARDWARE REINFORCEMENT</td> </tr> </tbody> </table>	GA.	ITEM	18	EXTERIOR FRAMES	18	INTERIOR FRAMES	14	FLOOR ANCHORS	16	WALL ANCHORS	14	STRIKE REINFORCEMENT	3/16"	HINGE REINFORCEMENT	12	MORTISED CLOSER AND HOLDER REINFORCEMENT	12	SURFACE HARDWARE REINFORCEMENT	GLAZING NOTES <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>(N) NEAR SIDE OR OPP. DOOR SIDE</p> </div> <div style="width: 10%; text-align: center;">  </div> <div style="width: 45%;"> <p>(F) FAR SIDE OR DOOR SIDE</p> </div> </div>
GA.	ITEM																							
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12	MORTISED CLOSER AND HOLDER REINFORCEMENT																							
12	SURFACE HARDWARE REINFORCEMENT																							
<p>EA JAMB ANCHORS SAME AS #</p> 	<p>METAL STUD</p> 	<p>2X4 WOOD STUD</p> 	<p>2X6 WOOD STUD</p> 	<p>PUNCH & DIMPLE 3/8" BOLT B.O.</p> 																				
<p>9</p>  <p>FLOOR ANCHOR</p>	<p>10</p> <p>SLIP MULLION OVER CLIP</p>  <p>MULLION ANCHOR</p>	<p>WA</p>  <p>MASONRY ANCHOR</p>																						
<p>RM</p>  <p>REMOVABLE MULLION</p>	<p>N</p>  <p>NOTCH THROAT IN MULLION</p>	<p>SPECIAL</p>			CONSTRUCTION <p>PROVIDE MORTAR GUARDS AT ALL HARDWARE MORTISES</p> <p>PROVIDE BOTTOM SPREADERS AS REQUIRED</p> <p>WELD ALL JOINTS FULL LENGTH AND REFINISH SMOOTH</p> <p>FRAMES TO BE MARKED WITH ARCH. MARKS FOR IDENTIFICATION</p>																			
<p>SS</p>  <p>SANITARY STOP</p>																								
UL FRAME TAGS (MAX. RATING) <p>SF - STANDARD THREE SIDED FRAME. 3 HRS WP - FRAME WITH WOOD TRANSOM. 1 1/2 HRS MP - FRAME WITH METAL TRANSOM. 1 1/2 HRS TL - FRAME WITH GLASS TRANSOM. 3/4 HRS DE - DOUBLE EGRESS FRAME. 3 HRS KD - STANDARD THREE SIDED KNOCK DOWN FRAME. 1 1/2 HRS SL - FRAME WITH SIDE LIGHT. 3/4 HRS SP - FRAME WITH SIDE PANEL. 1 1/2 HRS STL - FRAME WITH SIDE AND TRANSOM LIGHTS. 3/4 HRS STP - FRAME WITH SIDE AND TRANSOM PANELS. 1 1/2 HRS 60 - 60 MINUTE RATING: FIRELITE GLASS REQUIRED WU - WINDOW UNIT. 3/4 HRS 20 - 20 MINUTE FIRE RATING LC - UL CONSTRUCTION - NO UL TAG. FRAME DOES NOT COMPLY WITH UL CONSTR. OR DESIGN REQUIREMENTS</p>																								

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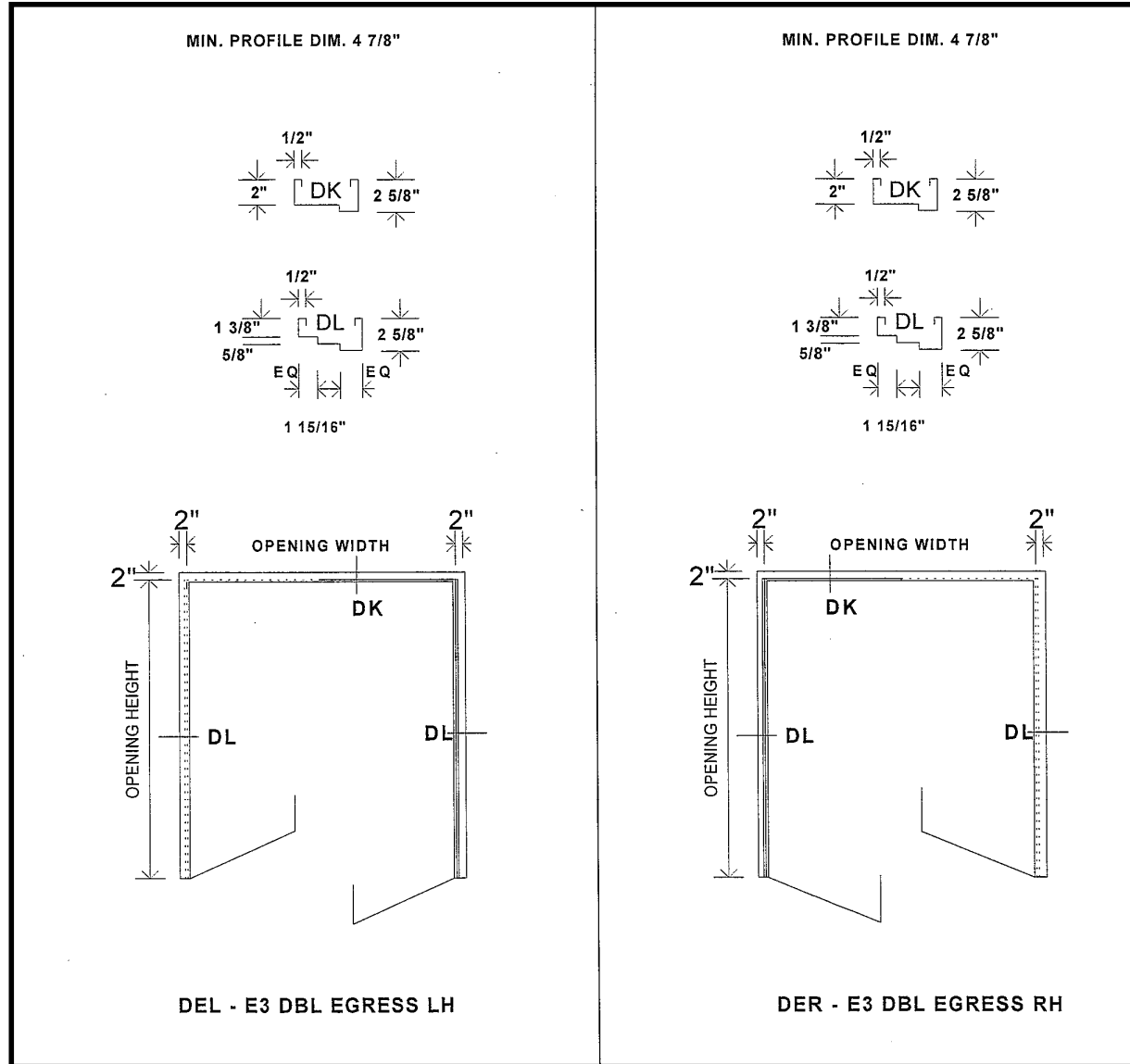
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Double Egress



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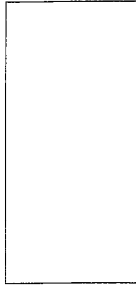
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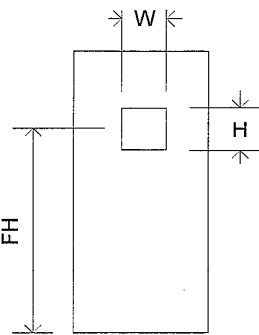
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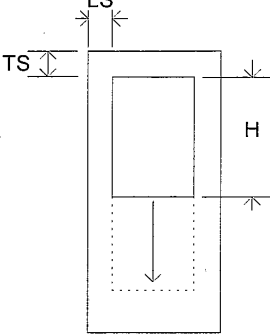
Door Elevations



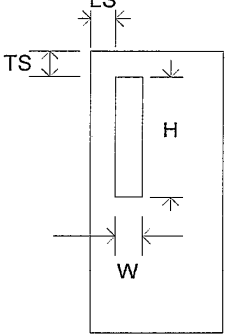
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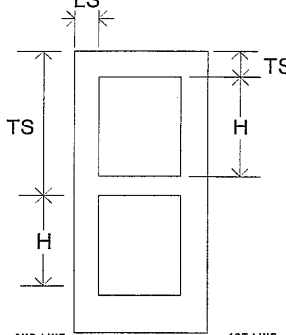
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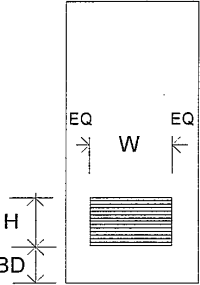
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S1

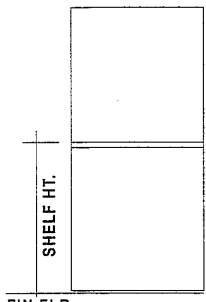


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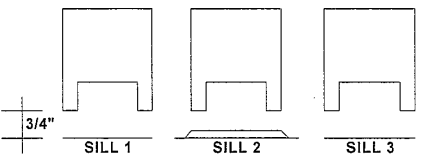


L1

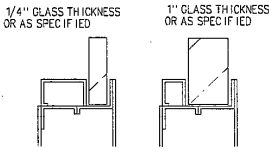
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	V1				G1				S1					G21				L1					
	V2				G2				S2									L2					
	V3				G3				S3									L3					
	V4				G4				S4									L4					
	V5				G5				S5									L5					
	V6				G6				S6									L6					
	V7				G7				S7									L7					
	V8				G8				S8									L8					
	V9				G9				S9									L9					



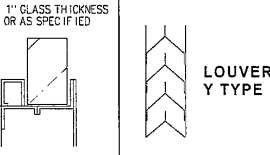
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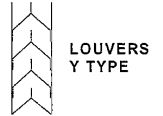
SILL 1 SILL 2 SILL 3



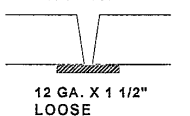
1/4" GLASS THICKNESS OR AS SPECIFIED



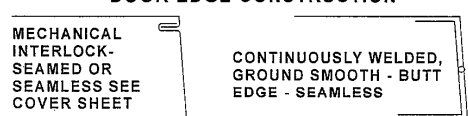
1" GLASS THICKNESS OR AS SPECIFIED



LOUVERS Y TYPE



ASTRAGAL
12 GA. X 1 1/2" LOOSE



DOOR EDGE CONSTRUCTION
MECHANICAL INTERLOCK-SEAMED OR SEAMLESS SEE COVER SHEET
CONTINUOUSLY WELDED, GROUND SMOOTH - BUTT EDGE - SEAMLESS

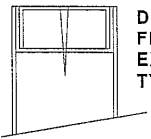
NOTE: DOOR GLASS SIZES ARE NET VISUAL AREA, TYPICAL. FIELD MEASURE FOR GLAZING

HOLLOW METAL DOOR ELEVATIONS

GA	DOOR REINFORCEMENT	DOOR REINFORCEMENT	MISCELLANEOUS
3/16"	HINGE	HONEYCOMB	* ALL GLASS DIMENSIONS ARE NET VISUAL AREAS, TYPICAL
12	LOCK	POLYSTYRENE	* CLEARANCES = 1/8" BETWEEN PAIRS. 1/8" AT JAMBS AND HEADS
12	CLOSER	STEEL RIB / GA. (INSULATED)	* FOR PAIR OF DOORS USE PREFIX '2' (I.E. 2F, 2V1, 2L1, ETC.)

GA	DOOR FACE SHEETS	DOOR EDGE	DOOR SERIES
16	EXTERIOR	SEAMED	BUTT EDGE
16	INTERIOR	SEAMLESS	MECH INTERLOCK
GRAY	PRIME COAT		

NOTE: ALL DIMENSIONS ON THIS SHEET ARE IN INCHES.



DOOR - FLUSH TOP CAP EXTERIOR DOORS TYPICAL

PROJECT:
ARCHITECT:
CONTRACTOR:
PROJECT NO:
DATE:
SHEET:
DOOR ELEVATIONS / SPECIFICATIONS

Commercial Door Manufacturing, Inc.

2914 Girard NE, Albuquerque, NM 87107
CommercialDoorMfg.com

505-881-1034
(fax) 505-884-1484

Installation

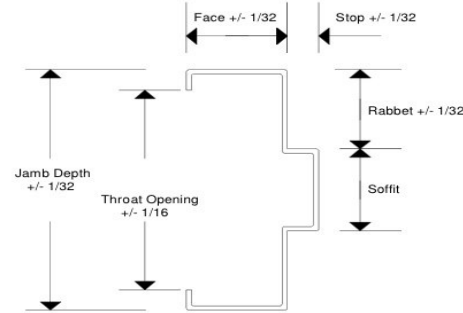
HMMA Installation and Storage Information, Manufacturing Tolerances

Clearance and Tolerances

Manufacturing tolerance shall be maintained within the following limits:

1. Frames for single door or pair of doors:

- Width, measured between rabbets at the head: nominal opening width $+1/16"$, $-1/32"$
- Height (total length of jamb rabbet): nominal opening height $\pm 3/64"$
- Frames overlapping walls to have throat dimension $1/8"$ greater than dimensioned wall thickness to accommodate irregularities in wall construction.



2. Doors:

Width $\pm 3/64"$
Height $\pm 3/64"$
Thickness $\pm 1/16"$
Hardware cutout dimensions/
Template dimensions $+0.015'$, $-0"$
Hardware location $\pm 1/32"$

**Contact NAAMM for
the Hollow Metal Manual
and Complete Guide
Specifications**

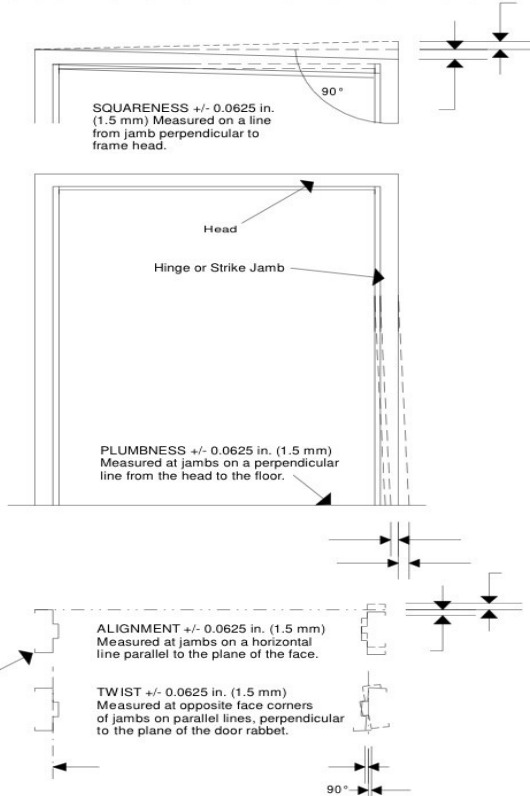
Guide Lines For Onsite Storage

1. Store doors and frames under cover to protect from elements.
2. Remove any cardboard wrappers from doors and frames to prevent moisture entrapment.
3. Stack doors and frames on skids to elevate above any standing water.
4. Place wood spacers between doors and frames to allow for air circulation.
5. Limit stack to 5 doors or single frames. Elevation frames should not be stacked.

Failure to follow these instructions may result in the voiding of any and all warranties.

COMMERCIAL DOOR & HARDWARE, INC.
2914 Girard NE Albuquerque, NM 87107
Phone: 505-881-1034 Fax: 505-884-1484

Installation Tolerances



Storage

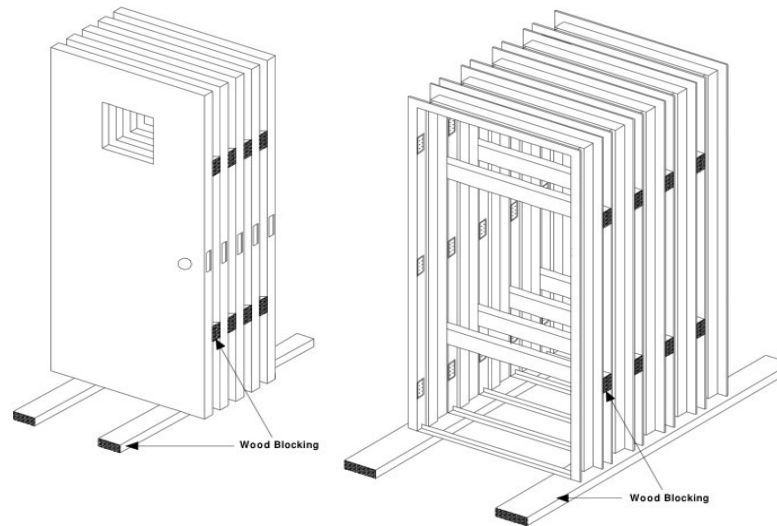
HMMA Storage and Installation Information

COMMERCIAL DOOR & HARDWARE, INC.
 2914 Girard NE Albuquerque, NM 87107
 Phone: 505-881-1034 Fax: 505-884-1484

Recommended Storage

The contractor responsible for installation shall remove wraps or covers from doors and frames upon delivery at the building site. The contractor shall see that any scratches or disfigurements caused in shipping or handling are promptly cleaned and touched up with a rust-inhibitive primer.

The contractor responsible for installation shall see that materials are properly stored on planks or dunnage in a dry location. Doors shall be stored in a vertical position and spaced by blocking. Materials shall be covered to protect them from damage, but in such a manner as to permit air circulation.



Guide Lines For Onsite Storage

1. Store doors and frames under cover to protect from elements.
2. Remove any cardboard wrappers from doors and frames to prevent moisture entrapment.
3. Stack doors and frames on skids to elevate above any standing water.
4. Place wood spacers between doors and frames to allow for air circulation.
5. Limit stack to 5 doors or single frames. Elevation frames should not be stacked.

Failure to follow these instructions may result in the voiding of any and all warranties.

Contact NAAMM for the Hollow Metal Manual and Complete Guide Specifications

Installation Tolerances

