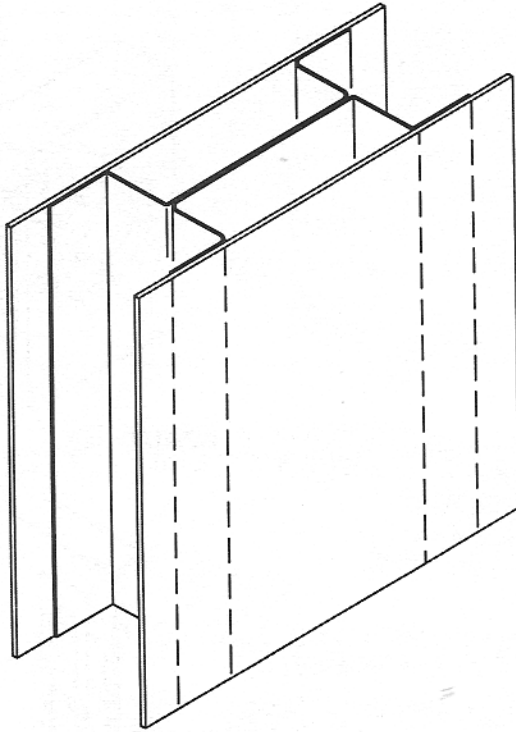




D5-1

### 1-3/4" MEDALLION (MS)

VERTICALLY STEEL STIFFENED SEAMLESS, CUSTOM TYPE STEEL DOORS, BEVELED LOCK AND HINGE EDGE, HANDED



FIBERGLASS INSULATION BETWEEN STIFFENERS

*Designed to Take Extreme People punishment...*

*Complies with NAAMM Specifications 22 gage steel stiffeners placed 6" apart and welded every 5" along their length. Seamless, full welded edges. Fiberglass, sound deadening insulation between stiffeners.*

**Suggested Use:**

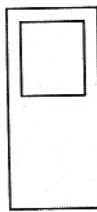
*Interior or Exterior...*

- Schools/Training Centers*
- Institutional Facilities*
- Public Utility Stations*
- Government Buildings*
- Warehouses/Factories*
- Manufacturing Plants*
- Transportation Terminals*
- Vehicle Service Facilities*

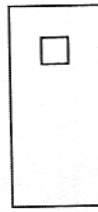
#### DOOR DESIGNS



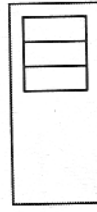
F



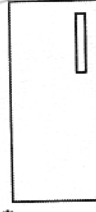
G



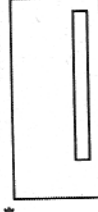
V



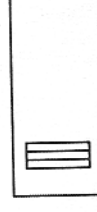
G3



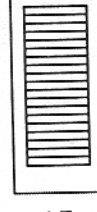
\* N



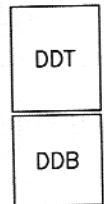
\* N



LB



LF



DDT

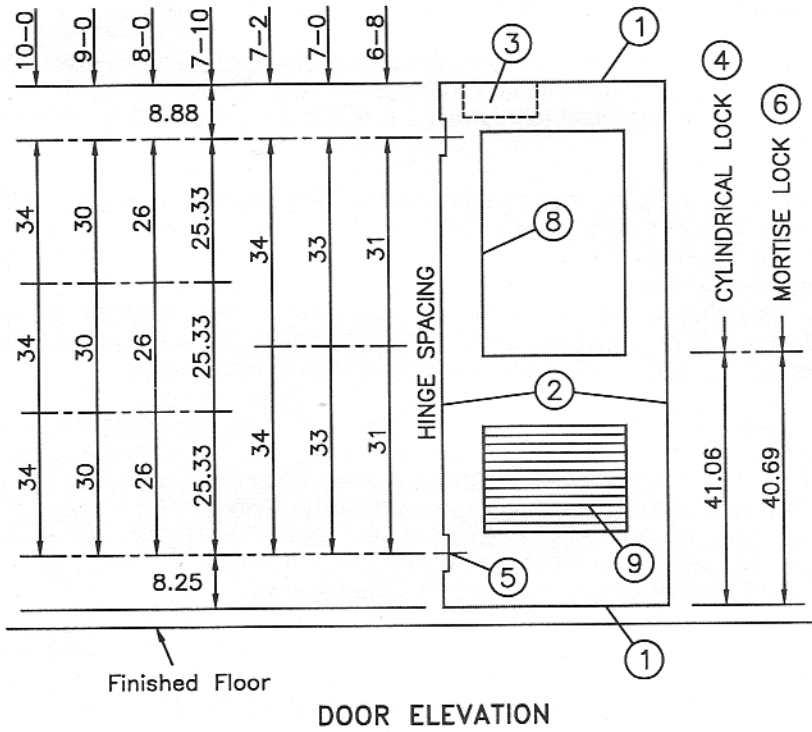
DDB

\* NARROW LITE TRIM KITS ARE AVAILABLE IN 6" AND 8" WIDTHS AND 36" TO 60" HEIGHTS IN 4" INCREMENTS.

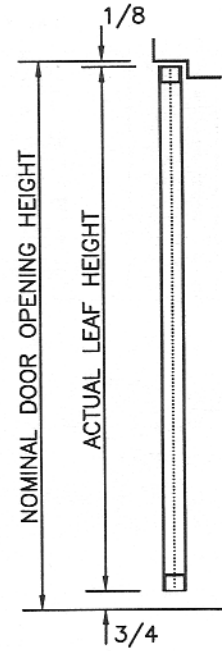
6/1/01

D5-2

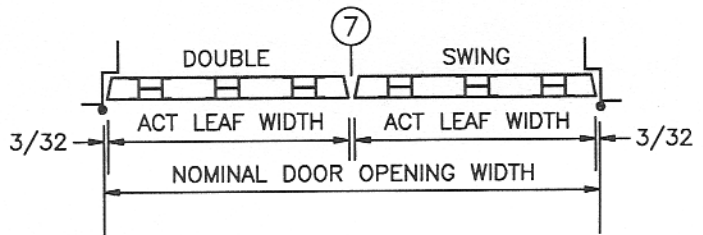
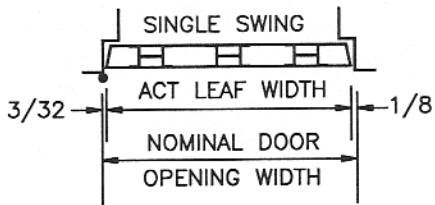
Hardware locations shown match Ceco standard frames.



DOOR ELEVATION



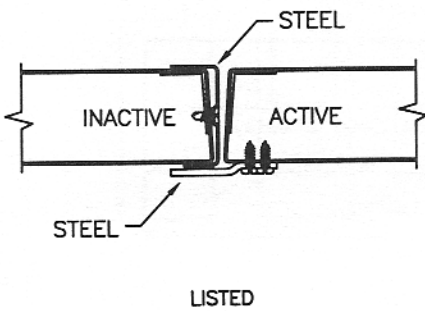
VERTICAL SECTION



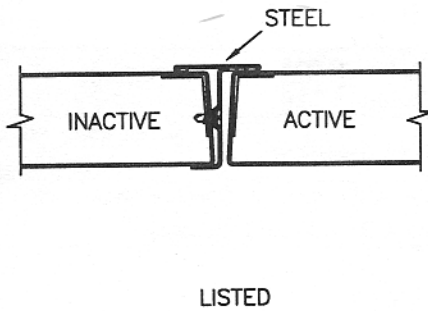
HORIZONTAL SECTIONS

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.4 mm)

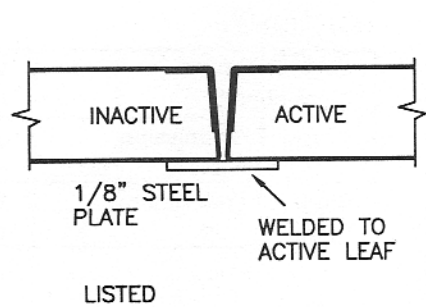
OVERLAPPING ASTRAGAL 4441  
FOR 1-3/4" THICK DOORS



OVERLAPPING ASTRAGAL 4471  
FOR 1-3/4" THICK DOORS



OVERLAPPING ASTRAGAL 4491 (OPTIONAL)  
FOR 1-3/4" THICK DOORS



5/1/01



**Ceco Door Products**

# TECH-DATA

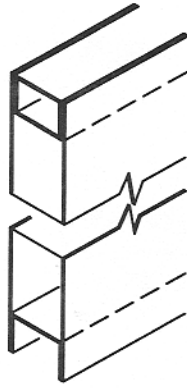
## MEDALLION DOORS

16 GAGE STEEL  
END CHANNELS

WELDED  
TO DOOR

INVERTED TOP CHANNEL  
W/STEEL CLOSURE CAP

INVERTED BOTTOM  
CHANNEL



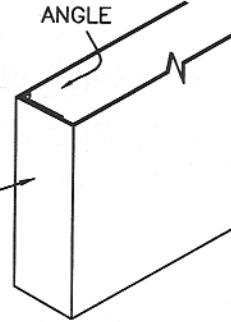
① VERTICAL EDGES

SEAMLESS  
VERTICAL  
EDGES

SEAMS WELDED  
FULL HEIGHT

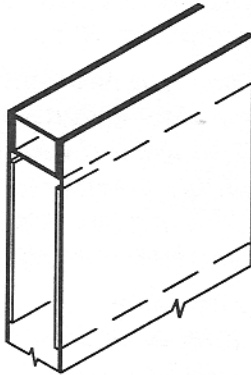
GROUND, DRESSED  
AND FILLED SMOOTH

18 GA.  
ANGLE



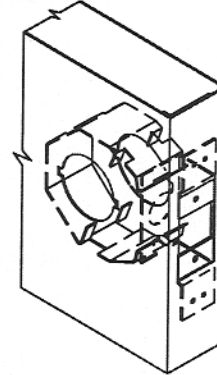
CLOSER  
REINFORCEMENT

12 GA. GALV. STEEL  
19" x 4-1/2" PLATE  
SPOT WELDED



③ LOCK PREPARATION  
GOV. 160/161  
CYLINDRICAL TYPE

(LC1)  
(ANSI A115.2)  
2-3/4"  
BACKSET



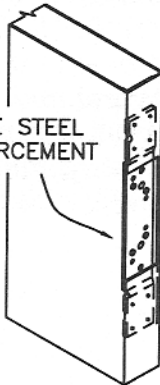
HINGE  
PREPARATION

4-1/2 OR 5 IN.  
HIGH, STANDARD  
OR HEAVY WEIGHT,  
FULL MORTISE HINGES

ANSI 156.7  
TEMPLATE

HINGE EDGE IS  
HANDLED AND  
BEVELED

7 GAGE STEEL  
REINFORCEMENT



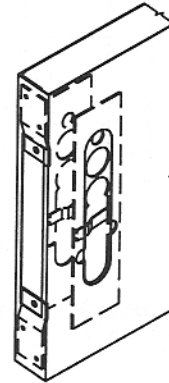
LOCK EDGE IS BEVELED  
1/8" in 2" (1:16)

⑤ LOCK  
PREPARATION  
GOV. 86-4  
MORTISE TYPE

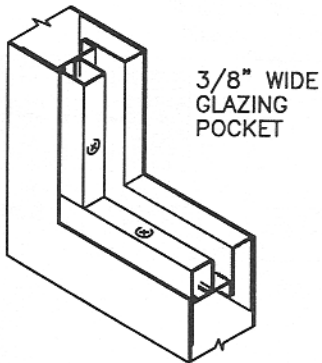
(LM1) (ANSI A115.1)  
2-3/4" BACKSET

(LM0) SIMILAR TO DETAIL  
LESS FACE CUTOUT

(LP0) SIMILAR TO DETAIL  
LESS ALL CUTOUTS  
AND REINFORCEMENT

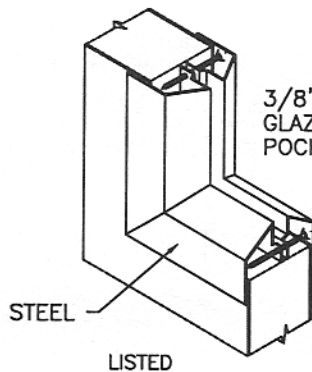


STANDARD GLAZING  
TRIM  
4884 (FLUSH)



3/8" WIDE  
GLAZING  
POCKET

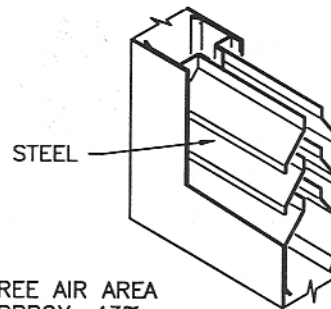
⑧ GLAZING TRIM  
SlimTrim  
FOR ALL  
FIRE DOORS



3/8" WIDE  
GLAZING  
POCKET

STEEL  
LISTED

⑧ FLUSH MOUNTED  
FIXED SLAT LOUVER  
4684 (FLUSH)



STEEL

FREE AIR AREA  
APPROX. 43%



Ceco Door Products

## PRODUCT SPECIFICATIONS:

### STANDARD SIZES NOMINAL DOOR OPENING

WIDTH		HEIGHT
SINGLE	DOUBLE	
2'-0"	4'-0"	6'-8"
2'-4"	4'-8"	7'-0"
2'-6"	5'-0"	7'-2"
2'-8"	5'-4"	7'-4"
2'-10"	5'-8"	7'-6"
3'-0"	6'-0"	7'-10"
3'-4"	6'-8"	8'-0"
3'-6"	7'-0"	8'-2"
3'-8"	7'-4"	8'-6"
3'-10"	7'-8"	9'-0"
4'-0"	8'-0"	10'-0"

1-3/4" Thick steel doors shall be by Ceco Door Products. Doors shall conform to the Steel Door Institute guide specification, ANSI A250.8-1998 and NAAMM specifications. See chart below for performance classifications.

**MEDALLION** doors are seamless design. Face sheets are commercial quality cold rolled steel (conforming to ASTM A366 or A620 & A568 ...or (optional) hot-dipped galvanized steel (conforming to ASTM A924 and A653) - see chart below.

Door face sheets are joined at their vertical edge with a center seam that is welded the full height of door. Such welds are ground, filled, and dressed smooth. Seams are invisible and surface is smooth. 22 gage steel vertical stiffeners (other gages optional) are placed no more than 6" apart and welded no more than 5" along their length. Fiberglass batting insulates the area between stiffeners. Inverted top channel with closure cap and inverted bottom channel are 16 gage steel and are welded to both face sheets.

### FIRE DOORS

#### LABELING AGENCIES:

- UNDERWRITERS LABORATORY
- WARNOCK HERSEY

TEST: UL10B, UL10C  
UBC 7-2

• RATING: 20 MIN THRU 3 HR

#### • MAX. SIZE:

- 40 x 90 SINGLE (WH & FM)
- 80 x 90 PAIR (WH & FM)
- 40 x 100 SINGLE (UL)
- 80 x 100 PAIR (UL)

Not all ratings are available in all sizes, designs and materials. See Fire Door sheet.

**Hardware Provisions:** Hinge preparations are handed. Hinge edges are mortised for 4-1/2" or 5" high, standard and heavy weight hinges (specify which). 7 gage steel reinforcements are welded inside the door edge and are drilled and tapped for fasteners in accordance with ANSI A156.7. The lock and hinge edge have a standard bevel (1:16). Lock edge is prepared for Gov. series 86, 160/161, or 90 locks in accordance with ANSI A115 (specify which). Optional closer reinforcement is a 12 gage steel plate.

**Paint:** 1-3/4" steel doors shall be provided with one coat of oven-cured neutral color primer paint. Primer coat shall conform with ANSI A250.10. The primer coat is a preparatory base for necessary finish painting.

### MATERIAL

DOOR FACE SHEETS	GRADE	C.R.	GALV. A60	RECOMMENDED DOOR FRAME MATERIAL
18 Gage Steel	Heavy Duty	STD	OPT	16 Gage Steel
16 Gage Steel	Extra Heavy Duty	STD	OPT	16 or 14 Gage Steel
14 Gage Steel (MAXIM)	Maximum Duty	STD	OPT	12 or 14 Gage Steel

### PERFORMANCE

Core Thermal Characteristics:	U Factor: 0.615 R Factor: 1.626
Sound Transmission Class:	STC 41 Operable (F Design, 18 Gage Face Sheets) ASTM E90 Acoustical Test
Physical Endurance Level:	Meets ANSI A250.4 Performance Test, Level A (1,000,000 Cycles)



**Ceco Door Products**