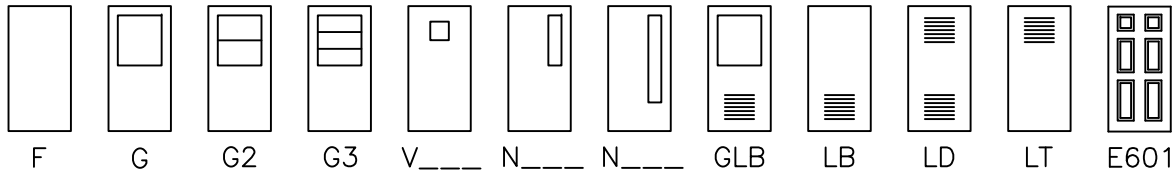


DOOR DESIGNS



APPLIED LOUVERS

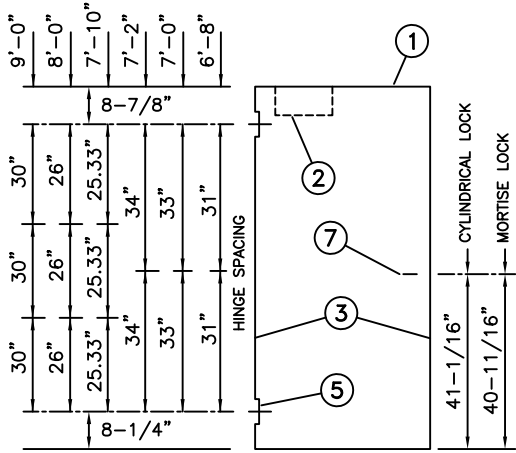
"N" NARROW LITE SIZES ARE AVAILABLE IN 6" AND 8" WIDTHS AND IN 36" TO 60" HEIGHTS, IN 4" INCREMENTS.

FIRE DOORS:
TEST: UL10B, UL10C, NFPA252 & UL1784

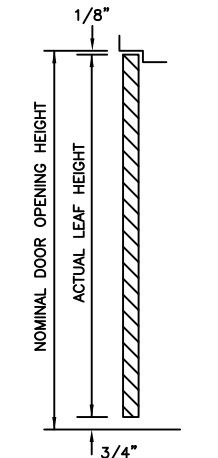
LABELING AGENCIES:
UL LLC
WARNOCK HERSEY

RATING: 20 MIN THRU 3 HR
MAX. SIZE: 4'0" x 8'0" SINGLE
* 8'0" x 8'0" PAIR
* 9'0" x 9'0" W/ VERT RODS
DESIGNS: F, G, N, V & E6

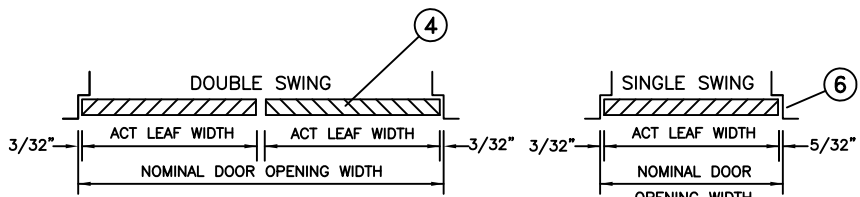
Cold rolled steel is standard
Galvannealed and galvanized steel are optional



DOOR ELEVATION



VERTICAL SECTION



HORIZONTAL SECTIONS

1-3/4" ULTRA (UP) DOOR

Edge Welded Seamless Construction

(Conversion: 1" = 25.4 mm, e.g., 1-3/4" = 44.45 mm)



DRAWN BY _____ DATE _____
CHK'D BY _____ DATE _____

SHT _____ CONTRACT NO. _____
OF _____

ISSUE DATE

REVISIONS

BY

FOR HAND & SWING

SEE DOOR SCHEDULE

NOTE: FOR GLAZING TRIM, LOUVERS OR ASTRAGALS REQUIRED, SEE DOOR SCHEDULE & ACCESSORY SHEET



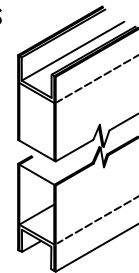
THERMAL INSULATION VALUE

SOUND TRANSMISSION

PHYSICAL ENDURANCE TEST DATA

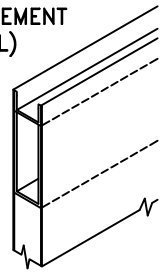
1 END CHANNELS

INVERTED TOP AND BOTTOM



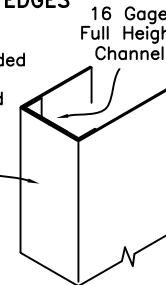
2 CLOSER REINFORCEMENT (OPTIONAL)

14 GAGE STEEL CHANNEL 20"



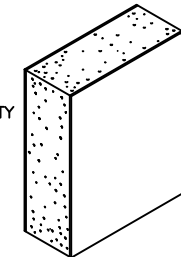
3 VERTICAL EDGES

Continuous Welded Full Height of Door, Filled and Ground Smooth



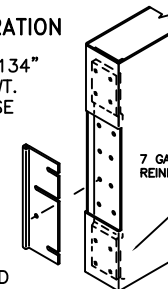
4 CORE

MINIMUM .7 LB/FT³ DENSITY POLYSTYRENE CORE



5 HINGE PREPARATION

4-1/2" X .134" HIGH, STD WT. FULL MORTISE HINGE PREPS



CLOSURE PLATES INCLUDED

NON-HANDED

6 LOCK EDGE

NO BEVEL

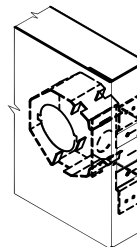
LOCK EDGE IS PARALLEL TO JAMB RABBET



LOCK PREPARATION 7

(LC1)

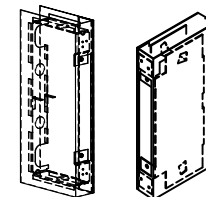
GOV. 160/161
CYLINDRICAL LOCK PREP (ANSI A115.2)
2-3/4" BACKSET



LOCK PREPARATION GOV. 86, ANSI/BHMA A115.1 MORTISE TYPE 7

(LM0)

NOTE: EITHER OF THE LOCK REINFORCEMENTS/GUARDS SHOWN MAY BE INSTALLED WITH ANY MORTISE LOCK PREPARATION.



NFRC 102-2014 & ASTM FLUSH DOOR WITH MERCURY FRAME	R = 2.33	U = 0.43
CORE CALCULATED (ASTM C518)	R = 6.08	U = 0.16

SOUND TRANSMISSION CLASS (STC): 27 F DESIGN, 18 GAGE FACE SHEETS - - ASTM E90-81 & E413-73 (FULLY OPERABLE)

MEETS OR EXCEEDS ANSI A 250.4 PERFORMANCE TEST; 20 gage steel (500,000 cycles); 18 & 16 gage steel (1,000,000 cycles).