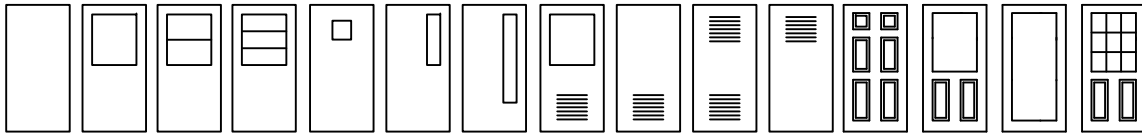
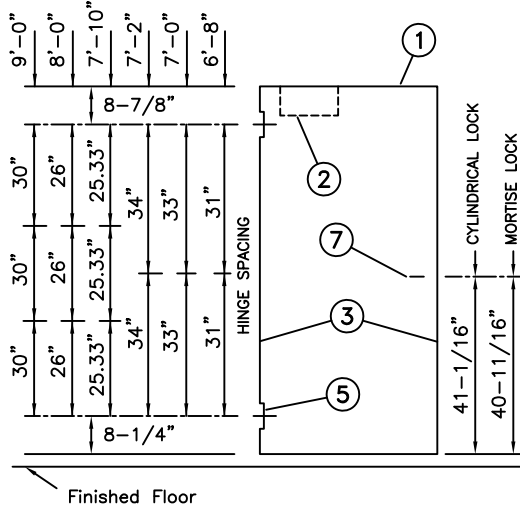


DOOR DESIGNS

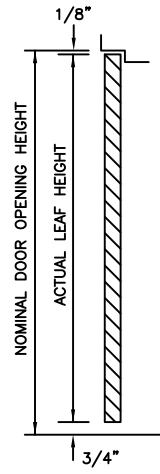


F G G2 G3 V N N GL BL DL TL E601 E603 FG E605 E606 EN66

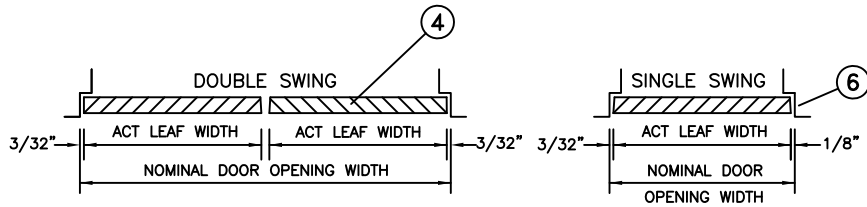
APPLIED LOUVERS



DOOR ELEVATION



VERTICAL SECTION



HORIZONTAL SECTIONS

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

**LABELING AGENCIES:**  
UL LLC  
WARNOCK HERSEY  
FACTORY MUTUAL

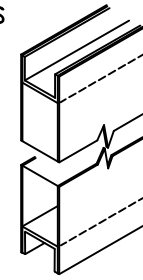
**RATING:** 20 MIN THRU 3 HR  
**MAX. SIZE:** 4'0" x 9'0" SINGLE  
8'0" x 9'0" PAIR  
**FLUSH DESIGNS:** F, FG, G, N & V  
**EMBOSSED 6 PANEL DESIGN:**  
SINGLE (3'0" x 7'0" MAX.)  
PAIR (6'0" x 7'0" MAX.)

**NOTE:** NOT ALL DESIGNS  
CAN BE FIRE RATED.

C.R.S. steel is standard  
Galvannealed or galvanized steel  
is optional

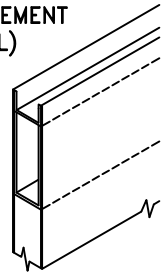
① END CHANNELS

INVERTED TOP  
AND BOTTOM  
WELDED TO  
FACE SHEETS



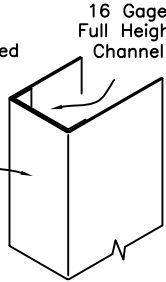
② CLOSER REINFORCEMENT (OPTIONAL)

14 GAGE STEEL CHANNEL 20"



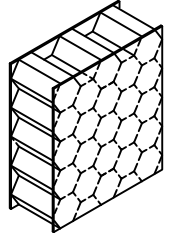
③ VERTICAL EDGES

Continuous Welded  
Full Height of  
Door, Filled and  
Ground Smooth



④ CORE

KRAFT PAPER  
HONEYCOMB  
SLAB BONDED  
TO INSIDE OF  
BOTH FACE  
SHEETS

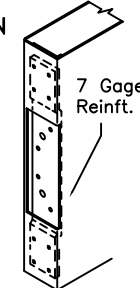


⑤ HINGE PREPARATION

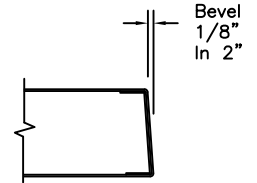
4-1/2" or 5"  
High, Standard  
or Heavy Weight  
Full Mortise  
Hinges

ANSI A156.7  
Template

Handed

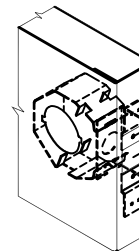


⑥ LOCK EDGE



LOCK PREPARATION ⑦

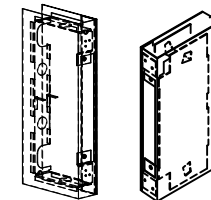
(LC1)  
GOV. 160/161  
CYLINDRICAL  
LOCK PREP  
(ANSI A115.2)  
2-3/4"  
BACKSET



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.



ASSA ABLOY

DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHK'D BY \_\_\_\_\_ DATE \_\_\_\_\_

SHT \_\_\_\_\_ CONTRACT NO. \_\_\_\_\_  
OF \_\_\_\_\_

ISSUE DATE \_\_\_\_\_ REVISIONS \_\_\_\_\_ BY \_\_\_\_\_

FOR HAND & SWING  
SEE DOOR SCHEDULE



SOUND TRANSMISSION

PHYSICAL ENDURANCE TEST DATA

SOUND TRANSMISSION CLASS (STC): 32 F DESIGN, 18 GAGE FACE SHEETS - ASTM E90 & E413 (FULLY OPERABLE)

MEETS OR EXCEEDS ANSI A250.4 PERFORMANCE TEST:  
18, 16 & 14 gage steel (1,000,000 cycles)