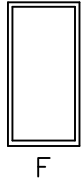
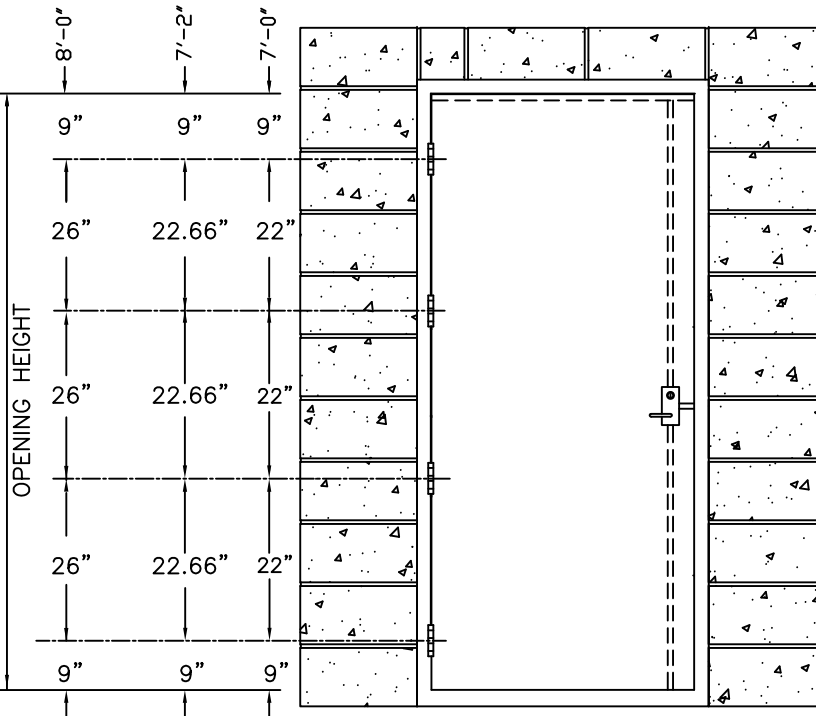


**DOOR DESIGN**



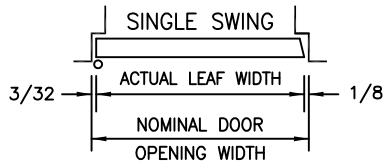
UL CLASSIFIED TO:  
ICC 500(2014)  
FEMA P-361 (2015)  
FEMA P-320 (2014)



**FOUR SIDED FRAME**

- 3/8" DOOR UNDERCUT
- 3/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE

**ELEVATION**



**HORIZONTAL SECTION**

**FIRE DOORS**

DOORS MAY BE FIRE RATED UP TO AND INCLUDING 3 HOURS IN ACCORDANCE WITH UL10B, UL10C, NFPA 252 & UL1784 IN HONEYCOMB CORE.

**1-3/4" StormPro®**

**Tornado Resistant Door System (Single Swing)**

With Corbin Russwin FE6600 or Sargent FM7300 Concealed Multi Point Lock

DESIGNED TO ENDURE TORNADO FORCE WINDS AND FLYING DEBRIS. DEVELOPED TO RESIST MISSILE PENETRATION FOR USE IN BUILDINGS DESIGNED AS SHELTERS OR SAFE ROOMS TO PROTECT OCCUPANTS FROM INJURY. SUCCESSFULLY TESTED AND COMPLIANT TO ICC 500-2014 STANDARD.



ICC 500-2014  
IMPACT: 15-LB 2 X 4 MISSILE @ 100 M.P.H.  
DESIGN PRESSURE: +/- 252 PSF  
TEST PRESSURE: +/- 302 PSF

DRAWN BY _____	DATE _____			
CHKD BY _____	DATE _____			
SHT _____ OF _____	CONTRACT NO. _____	ISSUE DATE _____	REVISIONS _____	BY _____

**INSWING & OUTSWING**  
SEE DOOR SCHEDULE FOR HAND

**DOOR CONSTRUCTION/FEATURES**

MINIMUM 3'-0" X 7'-0" UP TO 4'-0" X 8'-0"  
MAXIMUM 14 GA. CRS OR A60 GALVANNEALED STEEL FACE SHEETS WITH WELDED 16 GA. FLUSH TOP AND BOTTOM CHANNELS. 14 GA. STEEL TOP CAP. EDGE SEAMS ARE FULLY WELDED FOR STRENGTH AND APPEARANCE. INSULATED CORE IS FOAMED-IN-PLACE POLYURETHANE THAT EXCEEDS 1.8 PCF DENSITY. FIRE RATED DOOR CORE WILL BE HONEYCOMB.

**HARDWARE PREPARATIONS**

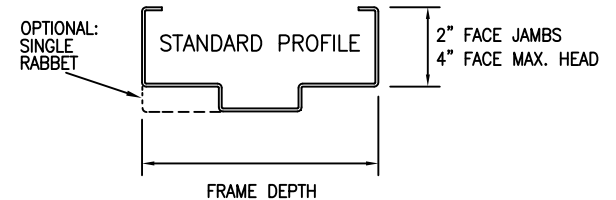
**HINGES:** (4) APPROVED BUTT HINGES REQUIRED PER DOOR REGARDLESS OF OPENING HEIGHT. APPROVED CONTINUOUS HINGES WITH CONTINUOUS HINGE REINFORCEMENTS MAY BE USED.

**LOCKS:**

REINFORCED AND PREPARED FOR CORBIN RUSSWIN FE6600 OR SARGENT FM7300 MULTI POINT LOCK

**FRAME CONSTRUCTION/FEATURES**

14 GAGE CRS OR HOT-DIPPED A60 GALVANNEALED STEEL



KD or WELDED CORNERS

**ANCHOR OPTIONS:**

- MASONRY - "T" ANCHORS (12 GAGE)
- MASONRY - WIRE ANCHORS
- EXISTING OPENING ANCHORS W/BOLTS
- WELD TO BUILDING STRUCTURE
- POURED IN PLACE WALL
- 3/8" SMS/SELF DRILLING SCREWS OR UNC BOLTS TO EMBEDMENT PLATE OR HOST STEEL STRUCTURE. FASTENERS BY OTHERS.

FRAMES ARE NOT REQUIRED TO BE GROUTED WHEN USING EXISTING WALL JAMB ANCHORS OR WHEN WELDED TO BUILDING STRUCTURE.

ANCHOR QUANTITY, LOCATION & GROUT REQUIREMENTS: REFERENCE WWW.CECODOOR.COM STORMPRO INSTALLATION INSTRUCTIONS AND ANCHOR SUBMITTAL SHEETS.

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