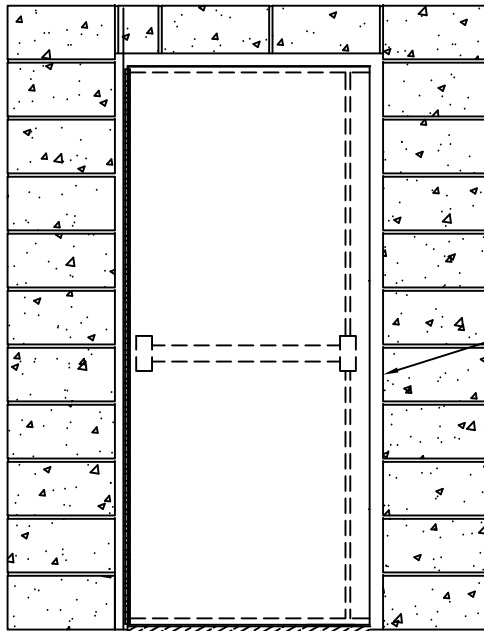


**DOOR DESIGN**



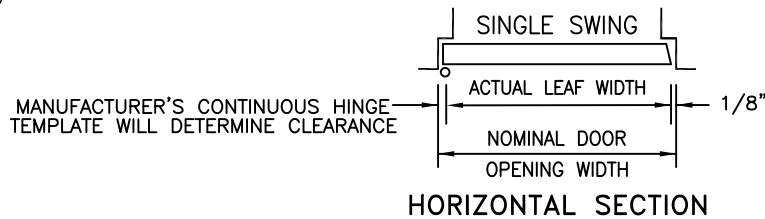
**OPTIONAL FIRE RATING:**  
UP TO AND INCLUDING 3 HRS IN  
UL10B, UL10C, UL1784, & NFPA252  
FOR HONEYCOMB CORE DOORS ONLY.

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



(4) THERMAL PINS  
REQUIRED IN LOCK EDGE  
OF DOOR AND JAMB ON  
SINGLE FIRE RATED  
OPENINGS ONLY. (PINS  
SUPPLIED BY OTHERS)  
FOR FIELD PREP  
INSTRUCTIONS SEE  
HARDWARE  
MANUFACTURER'S  
INSTALLATION DOCUMENTS.

*SUGGESTED USE:*  
DISASTER AND TORNADO &  
STORM SHELTERS,  
COMMUNITY SHELTERS,  
SCHOOL SHELTERS,  
SCHOOL "SAFE" ROOMS,  
RESIDENTIAL "SAFE" ROOMS



- 5/8" DOOR UNDERCUT
- 1/8" MAX. BETWEEN BOTTOM OF DOOR AND TOP OF STRIKE
- BOTTOM STRIKE MUST BE ATTACHED TO CONCRETE OR STRUCTURAL STEEL AND ALLOW BOTTOM BOLT TO PROPERLY ENGAGE STRIKE.
- FLOOR MUST BE POURED LEVEL AND FRAME MUST BE INSTALLED SQUARE AND PLUMB TO ALLOW DOORS TO FUNCTION PROPERLY.

**1-3/4" StormPro® Tornado Resistant Door System**  
**(Single 3'0" x 6'8" Min., 3'0" x 7'0" Max.)**

**With Sargent FM8700 Surface Vertical Rod Exit Device**

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 @ 100M.P.H.  
DESIGN PRESSURE: +/- 284 PSF  
TEST PRESSURE: +/- 341 PSF

DRAWN BY \_\_\_\_\_ DATE \_\_\_\_\_  
CHKD BY \_\_\_\_\_ DATE \_\_\_\_\_  
SHT \_\_\_\_\_ CONTRACT NO. \_\_\_\_\_  
OF \_\_\_\_\_

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

**OUTSWING**  
SEE DOOR SCHEDULE FOR HAND

**DOOR CONSTRUCTION/FEATURES**

Min. 3'-0" x 6'-8" Max. 3'-0" x 7'-0" 16 GA. CRS OR A60 GALVANNEALED STEEL FACE SHEETS, 12 GA. LINER, WELDED 14 GA. TOP AND BOTTOM CHANNELS. 14 GA. WELDED TOP CAP. INSULATED CORE IS POLYSTYRENE. FIRE RATED DOOR CORE WILL BE HONEYCOMB ONLY.

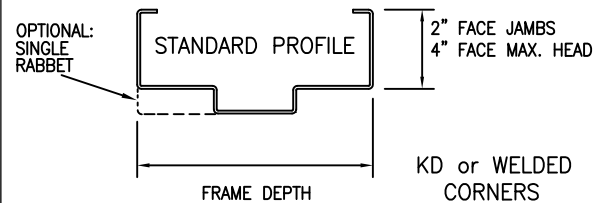
**HARDWARE PREPARATIONS**

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

EACH DOOR REINFORCED AND PREPARED FOR SARGENT FM8700 SERIES SURFACE VERTICAL ROD

**FRAME CONSTRUCTION/FEATURES**

14 GAGE CRS OR HOT-DIPPED  
A60 GALVANNEALED STEEL



**ANCHOR OPTIONS:**

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

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)