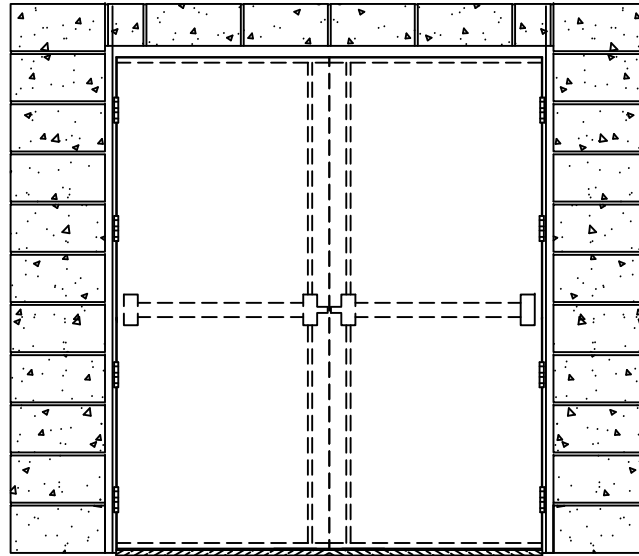
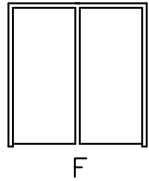


DOOR DESIGN



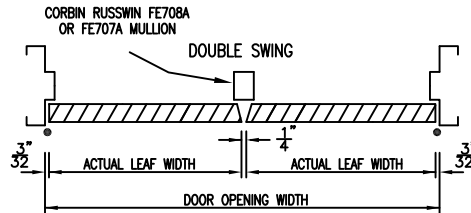
OPTIONAL FIRE RATING:

UP TO AND INCLUDING 3 HRS IN
UL 10B, UL 10C, UL 1784, & NFPA 252
FOR HONEYCOMB CORE DOORS ONLY.

UL CLASSIFIED TO:

ICC 500 (2014)
FEMA P-361 (2015)
FEMA P-320 (2014)

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



NOTE: PAIRS WITH HARDWARE MULLION, FRAME DEPTH MAY BE LIMITED BY THE HARDWARE MULLION.
CONTACT HARDWARE MULLION MANUFACTURER FOR DEPTH LIMITATIONS.

- 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® 361 & 320
Tornado Resistant Door System (Pairs)**

With Corbin Russwin FE5400S Surface Multi Point 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.



DRAWN BY _____ DATE _____
CHKD BY _____ DATE _____

SHT _____ CONTRACT NO. _____
OF _____

ISSUE
DATE

REVISIONS

BY

ICC 500-2014
IMPACT: 15-LB. 2 X 4 MISSILE @ 100M.P.H.
DESIGN PRESSURE: +/- 284 PSF
TEST PRESSURE: +/- 341 PSF

OUTSWING

SEE DOOR SCHEDULE FOR HAND

DOOR CONSTRUCTION/FEATURES

MIN. 6'-0" x 6'-8", MAX. 8'-0" x 8'-0" DOORS
CONSTRUCTED WITH 16 GA. CRS OR A60
GALVANNEALED STEEL FACE SHEETS, 12 GA. LINER,
WELDED 14 GA. TOP AND BOTTOM CHANNELS. 14
GA. WELDED TOP CLOSING CAP. INSULATED CORE IS
POLYSTYRENE. FIRE RATED DOOR CORE WILL BE
HONEYCOMB.

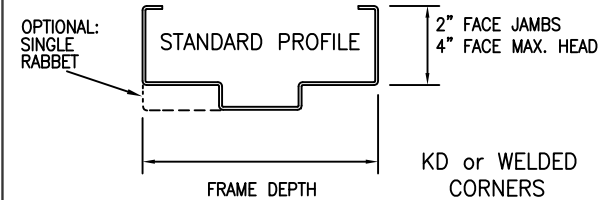
HARDWARE PREPARATIONS

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

EACH DOOR REINFORCED AND PREPARED FOR
CORBIN RUSSWIN FE5400S SERIES SURFACE
MULTI POINT EXIT DEVICE.

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)