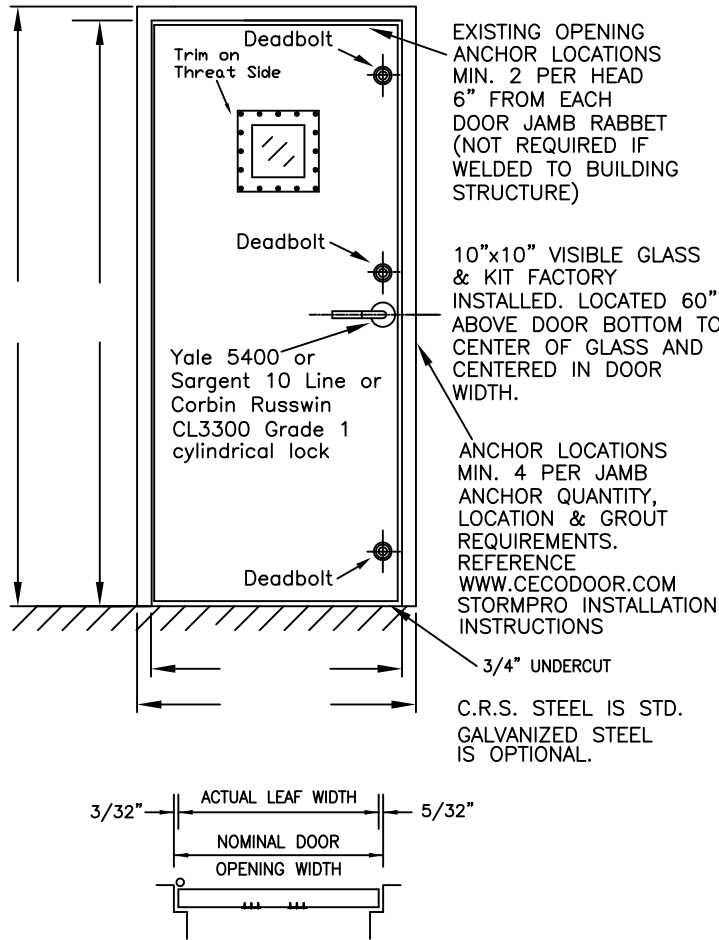
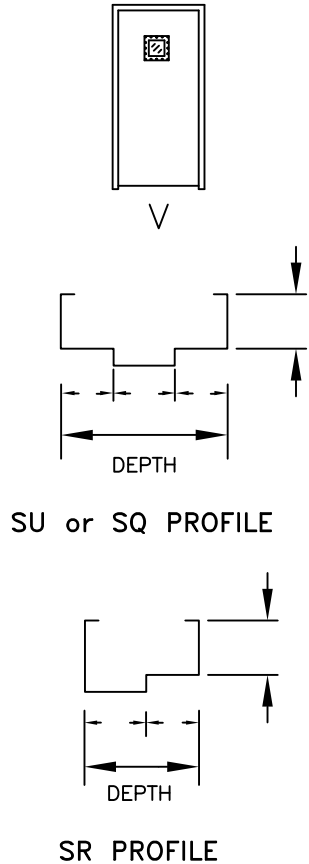


DOOR DESIGN



HORIZONTAL SECTION

**StormPro 320 with Glass
Severe Weather Door System (Single Inswing)
Design Patent Pending**

**UL Classified to Federal Emergency Management Agency
(FEMA) 320 Guidelines & ICC 500**

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

ASSA ABLOY		NOMINAL DOOR SIZE SEE DOOR SCHEDULE		
DRAWN BY _____	DATE _____	INSWING SEE DOOR SCHEDULE FOR HAND		
CHKD BY _____	DATE _____			
SHT _____	CONTRACT NO. _____	ISSUE DATE _____	REVISIONS _____	BY _____

ASSA ABLOY, the global leader in door opening solutions.

1-3/4" DOOR CONSTRUCTION/FEATURES

DOOR CONSTRUCTED WITH 14 GA STEEL FACE SHEETS, WELDED 12 GA. TOP AND BOTTOM CHANNELS & 14 GA. CAPS. EDGE SEAMS ARE FULLY WELDED FOR STRENGTH AND APPEARANCE.

THE DOOR IS REINFORCED WITH FULL HEIGHT 12 GA. VERTICAL STIFFENERS ALONG BOTH HINGE AND LOCK EDGES & HAS 16 GA. INTERMEDIATE STIFFENERS SPACED A MAXIMUM OF 6" APART. POLYSTYRENE FILLER IS USED BETWEEN THE STIFFENERS.

THE DOOR HAS SQUARE LOCK & HINGE EDGES.

FRAME CONSTRUCTION/FEATURES

16 GA. MINIMUM SU, SQ OR SR SERIES, WITH 12 GA. DEADBOLT STRIKE REINFORCEMENTS AND (2) 12 GAGE HIGH FREQUENCY HINGE STRAPS PER HINGE.

MASONRY "T", EXISTING OPENING, WIRE MASONRY ANCHORS OR WELD TO BUILDING STRUCTURE ANCHORS PERMITTED. EXISTING OPENING ANCHORS LOCATED IN FRAME HEAD 6" FROM EACH DOOR JAMB RABBET. MIN. OF (4) ANCHORS PER JAMB REQUIRED. KD OR WELDED CORNERS.

****EXISTING OPENING JAMB ANCHORED FRAMES ARE NOT REQUIRED TO BE GROUTED****

HARDWARE REQUIREMENTS

- (3) MEDECO MAXUM DEADBOLTS
- (3) SARGENT 1-1/4" x 4-7/8" (PART NUMBER 78-0034-5333) STAINLESS STEEL DEADBOLT STRIKES
- (1) SELF LATCHING PASSAGE SET, YALE 5400 OR SARGENT 10 LINE OR CORBIN RUSSWIN CL3300 GRADE 1 CYLINDRICAL LOCK.

- HINGES: 3 HINGES STANDARD. 4 HINGES OPTIONAL
- McKINNEY SP3786 (4-1/2" X 4-1/2" X .180)
- McKINNEY SP3386 (4-1/2" X 4-1/2" X .180)

- OPTIONAL:
- MCKINNEY MCK-HG305 CONTINUOUS HINGES
- MARKAR HG-305 CONTINUOUS HINGES

- DOOR CLOSERS: SARGENT 281, NORTON 7500, CORBIN RUSSWIN DC8000 & YALE 4400 SERIES

DESIGNED TO ENDURE TORNADO FORCE WINDS AND FLYING DEBRIS. DEVELOPED TO RESIST MISSILE PENETRATION FOR USE IN BUILDINGS AS SHELTERS TO PROTECT OCCUPANTS FROM INJURY. SUCCESSFULLY TESTED IN ACCORDANCE WITH THE GUIDELINES SET FORTH BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY IN THE PUBLICATION FEMA 320, SECOND EDITION (AUGUST 2008) TAKING SHELTER FROM THE STORM: BUILDING A SAFE ROOM FOR YOUR HOME OR SMALL BUSINESS AND FEMA 361, SECOND EDITION (2008) DESIGN AND CONSTRUCTION GUIDANCE FOR COMMUNITY SAFE ROOMS, COMPLIANT TO ICC500-2008 STANDARD.