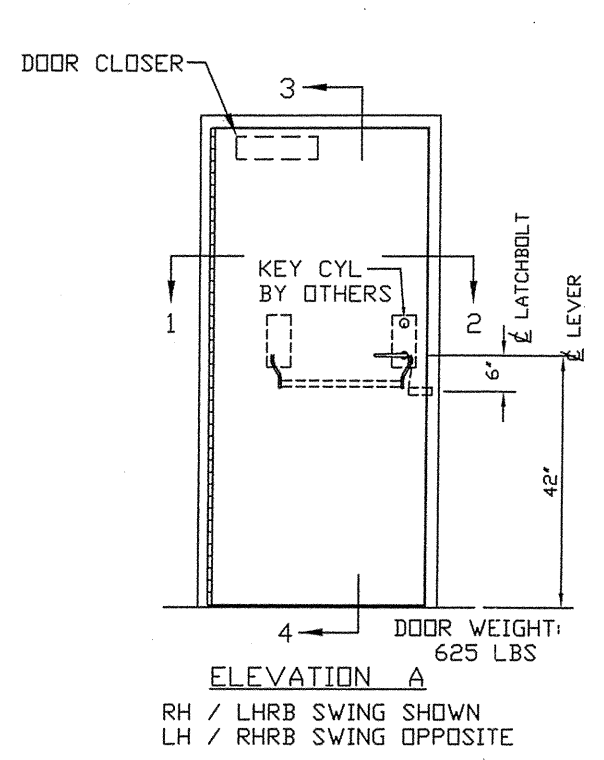
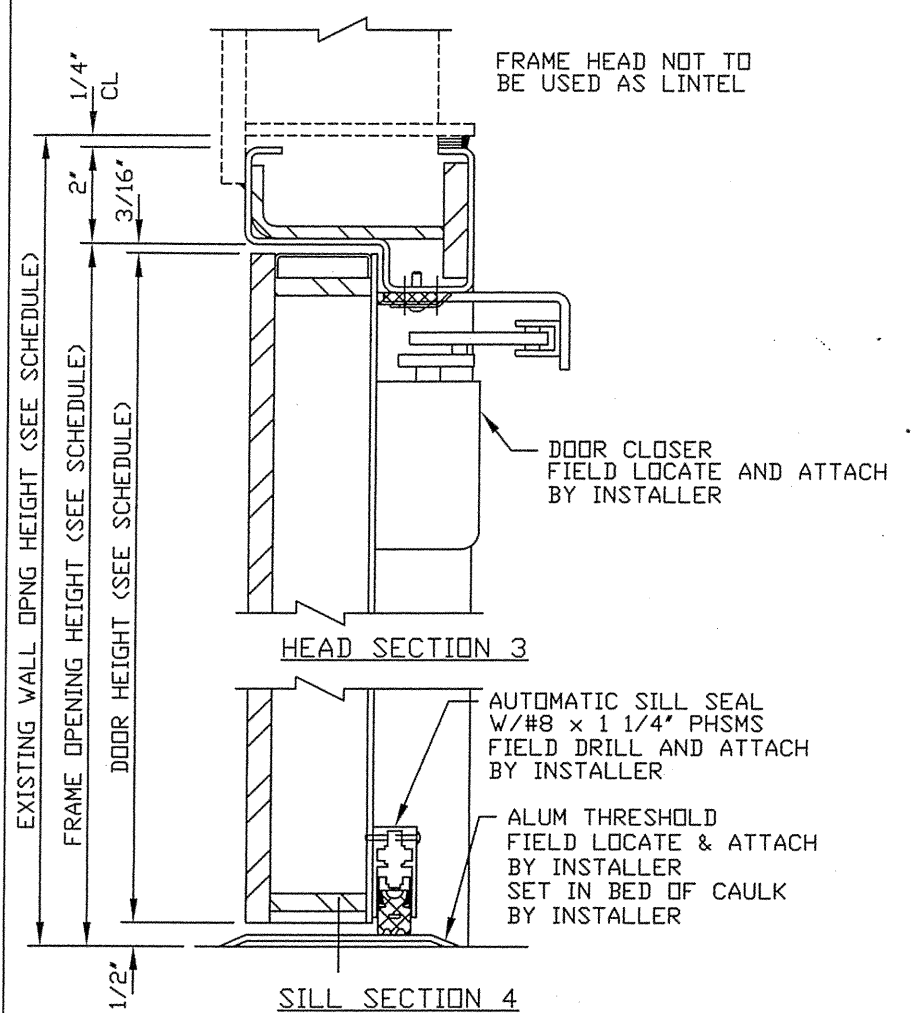
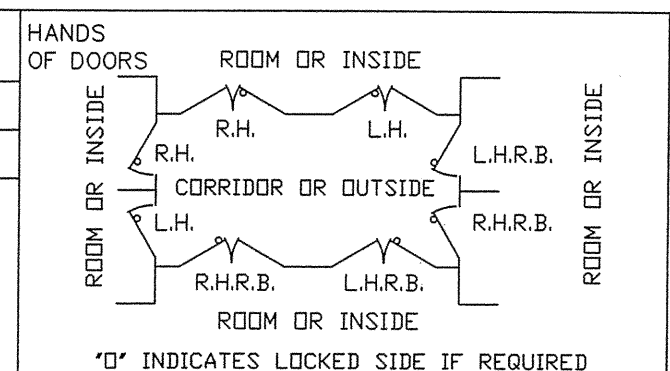


QUAN.	MARK NO	HAND	LOCATION		EXISTING WALL OPNG		FRAME OPNG		DOOR SIZE		DOOR ELEV	SECTIONS				REMARKS	
			HINGE SIDE	STOP SIDE	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		HINGE	STRIKE	HEAD	SILL		
1	SGL	1	RHRB	EXTERIOR	INTERIOR	40 1/4"	84 1/4"	36"	82"	35 5/16"	81 5/16"	A	1	2	3	4	
			VERIFY														



**IMPORTANT NOTE:**  
WALL MUST BE CAPABLE OF SUPPORTING 74.8 LB/IN PER JAMB IN THE SEATING DIRECTION AND UNSEATING CONCENTRATED LOADS AS FOLLOWS:  
AT LATCHBOLTS 4099 LBS  
AT HINGE 34.3 LBS/IN

- FRAME INSTALLATION**
1. PROPERLY BRACE AND SUPPORT FRAME DURING INSTALLATION
  2. JAMBS MUST BE PLUMB
  3. HEAD MUST BE LEVEL
  4. ALL DIMENSIONS TO BE WITHIN 1/16"
  5. DIAGONAL DIMENSIONS TO BE TO BE WITHIN 1/8"

**BALLISTIC LEVEL:**

AMMUNITION: CAL. .30AP, M2, 166gr  
SHOT SPACING: 1 SHOT ON 12" SQUARE  
AVG VELOCITY: 2850 FT/SEC  
RANGE TO TARGET: 50FT

AMMUNITION: CAL. 7.62, M80 BALL, 150gr  
SHOT SPACING: 5 SHOTS ON 4 1/2" SQUARE  
AVG VELOCITY: 2900 FT/SEC  
RANGE TO TARGET: 15FT

- NOTES:**
1. DESIGN PRESSURE: 4.3 PSI PEAK REFLECTIVE SEATING PRESSURE FOR 31.7 MILLISECONDS W/ REBOUND AS CALCULATED
  2. BALLISTIC CERTIFICATION: PDI WILL FABRICATE THESE UNITS UTILIZING STEELS TESTED BY HP WHITE LABORATORIES TO THE BALLISTIC LEVELS SHOWN
  3. FIRE RATING: NONE
  4. FINISH: STD GREY PRIMER
  5. HARDWARE BY PDI:
    - (1) CONTINUOUS HINGE x DOOR HEIGHT 8GA. LEAVES x 3/8" DIA. PIN x 6" OPEN WIDTH x STN STL FINISH.
    - (1) SH-153PC 1 PT HORIZONTAL HARDWARE LEVER x PANIC BAR x KEY CYLINDER (PREP) x SS TRIM x US32D FINISH FUNCTION: BHMA 09 (SIM TO STOREROOM)
    - (1) YALE #4400 DOOR CLOSER x PA x ALUM FIN
    - (1) PDI H-280W WEATHERSTRIP x USP FINISH
    - (1) PEMKO #271A THRESHOLD x ALUM
    - (1) PEMKO #4301CRL AUTO DOOR BTM x ALUM
  6. HARDWARE BY OTHERS:
    - (1) MORTISED KEY CYLINDER

DATE	MK	DESCRIPTION	BY

**REVISIONS**

CUSTOMER:

PROJECT: E

PROTECTIVE DOOR INDUSTRIES  
HARVEY, ILLINOIS 60426

TITLE DB-XB SGL FLUSH BLAST RESISTANT DOOR AND FRAME

DWG BY	LF	CHKD BY	
DATE	5/2/07	DATE	
SCALE		QA	
DWG NO.	1676-07	SHT NO.	1

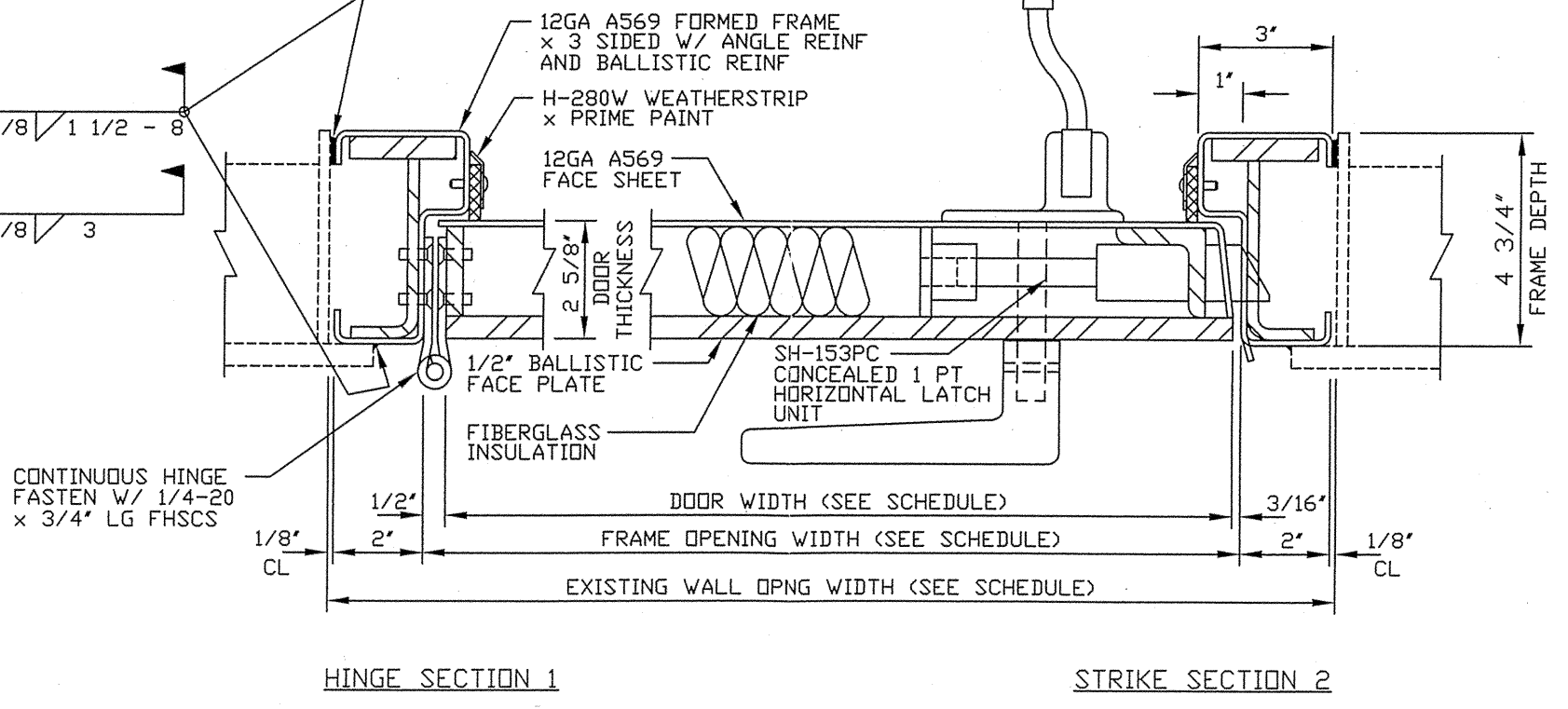
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CONTINUOUS HINGE FASTEN W/ 1/4-20 x 3/4 LG FHSCS

PLOT SCALE 1"=4'

**MASTER**