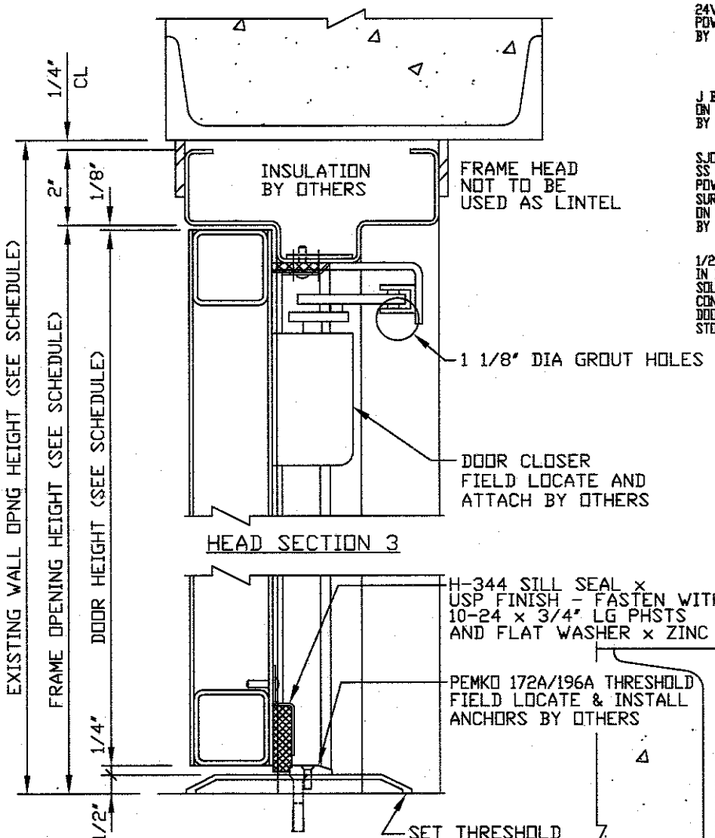
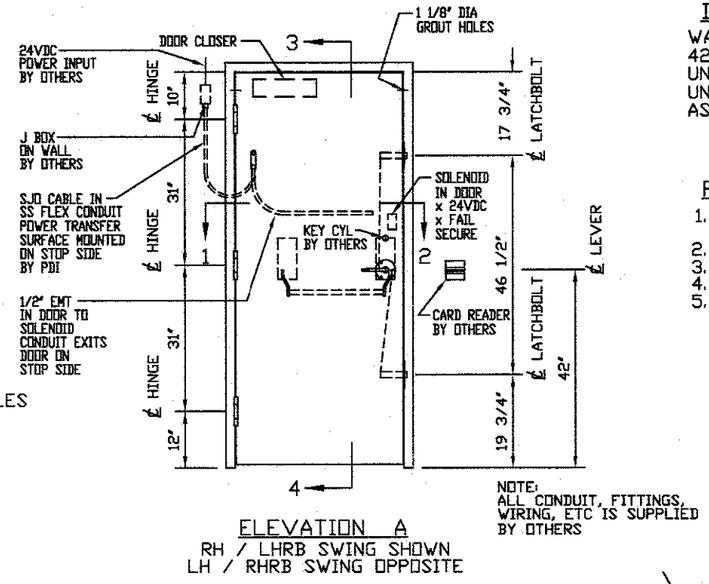
| QUAN. | MARK NO | HAND | LOCATION | | EXISTING WALL OPNG | | FRAME OPNG | | DOOR SIZE | | DOOR ELEV | SECTIONS | | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | HINGE SIDE | STOP SIDE | WIDTH | HEIGHT | WIDTH | HEIGHT | WIDTH | HEIGHT | | HINGE | STRIKE | HEAD | SILL | |
| 1 SGL | 100 | LHRB | EXTERIOR | INTERIOR | 40 1/2" | 86 1/4" | 36" | 84" | 35 3/4" | 83 1/8" | A | 1 | 2 | 3 | 4 | |
| | | | | | | | | | | | | | | | | |




HEAD SECTION 3




SILL SECTION 4



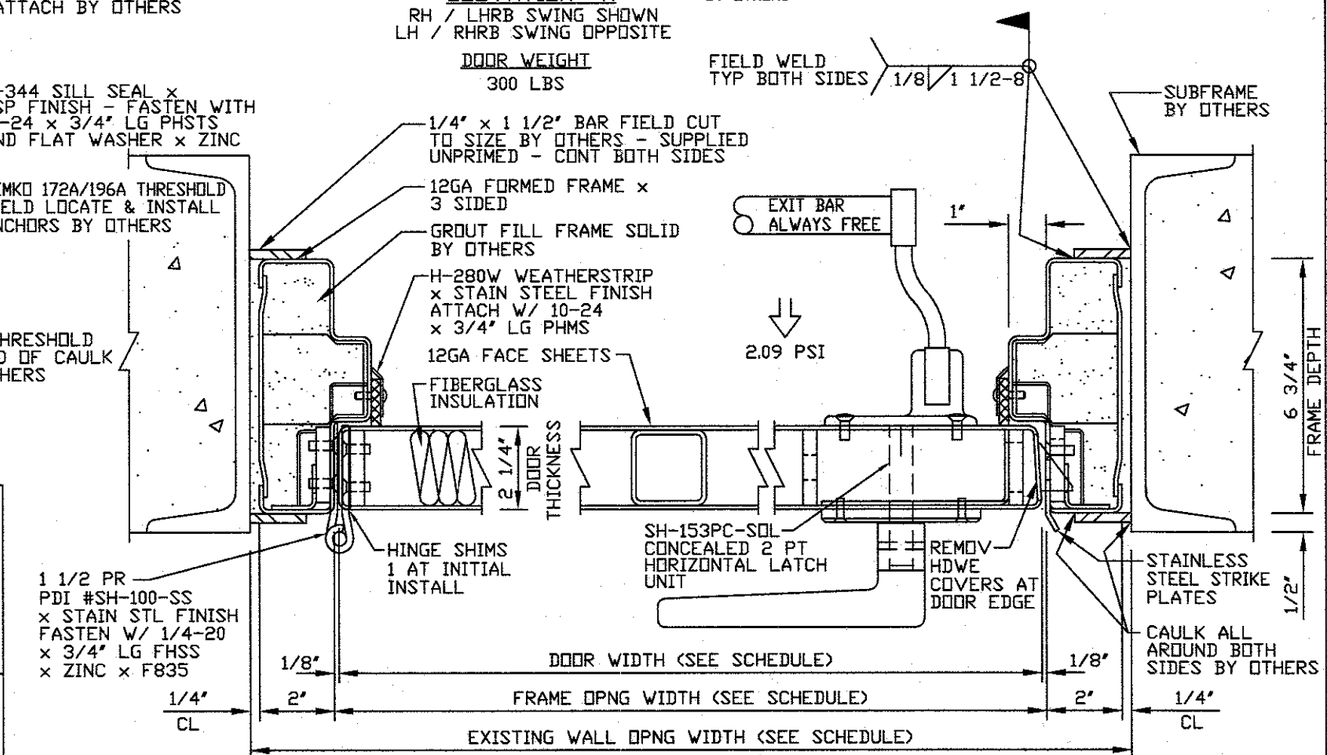

NOTE:
ALL CONDUIT, FITTINGS, WIRING, ETC IS SUPPLIED BY OTHERS

ELEVATION A
RH / LHRB SWING SHOWN
LH / RHRB SWING OPPOSITE

DOOR WEIGHT
300 LBS

IMPORTANT NOTE: (FROM PRESSURE ONLY)
WALL MUST BE CAPABLE OF SUPPORTING 42 LB/IN MAX PER JAMB IN THE UNSEATING DIRECTION AND UNSEATING CONCENTRATED LOADS AS FOLLOWS:
AT LATCHBOLTS APPROX 1600 LBS
AT HINGES APPROX 1400 LBS

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".

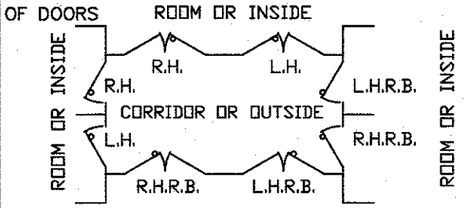



HINGE SECTION 1

MISSILE

STRIKE SECTION 2

HANDS OF DOORS




"D" INDICATES LOCKED SIDE IF REQUIRED

NOTES:
1. DESIGN PRESSURE: 2.09 PSI UNSEATING STATIC EQUIVALENT PRESSURE FOR 5 SECONDS
2. MISSILE DESIGN: 3 IMPACTS FROM A 2 x 4 WEIGHING 15 LBS TRAVELING 100 MPH IMPACT ON HINGE SIDE
3. FINISH: PDI STD GREY PRIMER
4. FIRE RATING: NONE
5. HARDWARE BY PDI:
   (1 1/2) PR PDI #SH-100-SS 6" x 6 3/32" x .165" x BRUSHED FINISH x 3/8" DIA SS PIN
   (1) SH-153PC-SOL 2 PT HORIZONTAL HARDWARE LEVER x EXIT BAR TRIM x US32D FINISH x 24VDC x LESS CYLINDER
   FUNCTION: SIM TO BHMA 09 STOREROOM
   POWER SUPPLY TO SOLENOID UNLOCKS EXTERIOR LEVER
   SOLENOID FAIL SECURE - EXIT BAR ALWAYS FREE
   (1) PDI ELECTRIC POWER TRANSFER
   (1) YALE #4400 CLOSER x PA x ALUM FINISH
   (1) PDI H-280W WEATHERSTRIP x SS FINISH
   (1) PDI H-344 SILL SWEEP x USP FINISH
   (1) PEMKO #172A/196A THRESHOLD x ALUM
   (4) FRAME SILENCERS
6. HARDWARE BY OTHERS:
   (1) MORTISED KEY CYLINDER - SHIP TO PDI FOR FACTORY INSTALLATION
   (1) CARD READER
   ANY OTHER HARDWARE NOT LISTED ABOVE

| DATE | MK | DESCRIPTION | BY |
|---|---|---|---|
| | | | |
| | | | |

REVISIONS

CUSTOMER:

PROJECT:

PROTECTIVE DOOR INDUSTRIES
HARVEY, ILLINOIS 60426

TITLE: DT-FEMA361 SINGLE DOOR AND FRAME

| | | | |
|---|---|---|---|
| DWG BY | MF | CHKD BY | |
| DATE | 5/21/19 | DATE | |
| SCALE | | QA | |
| DWG NO. | 2387-19 | SHT NO. | 1 |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PLOT SCALE 1=4
2387-1

MASTER