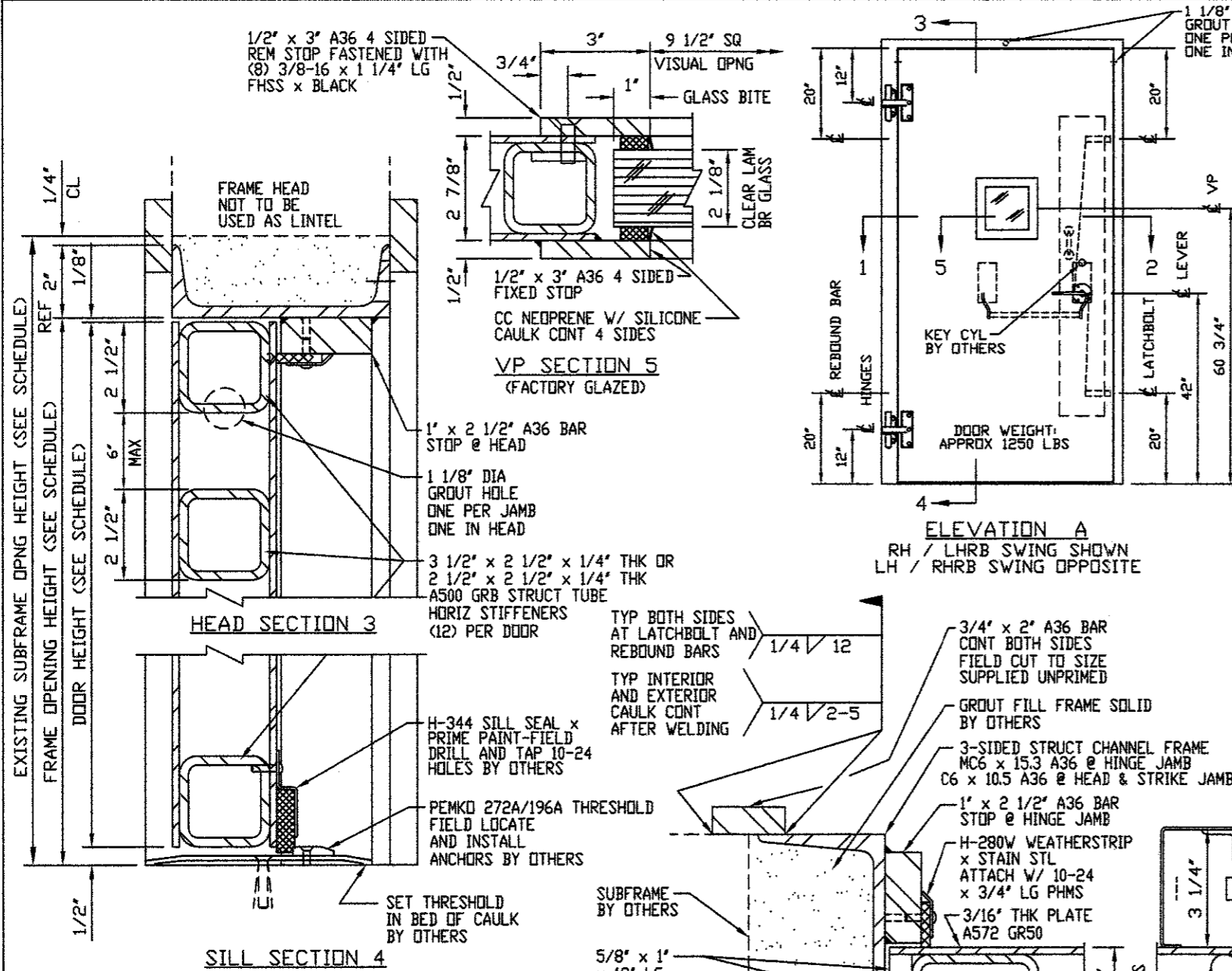
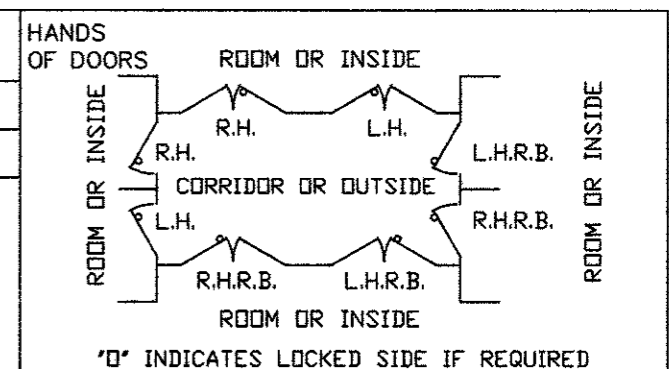


QUAN.	MARK NO	HAND	LOCATION		EXISTING WALL OPNG		FRAME OPNG		DOOR SIZE		DOOR ELEV	SECTIONS				REMARKS	
			HINGE SIDE	STOP SIDE	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		HINGE	STRIKE	HEAD	SILL		
1	SGL	1	LHRB	EXTERIOR	MARSHALLING AREA	54"	98 1/4"	48"	96"	47 3/4"	95 3/8"	A	1	2	3	4	VP SECT 5



IMPORTANT NOTE:
WALL MUST BE CAPABLE OF SUPPORTING 936 LB/IN PER JAMB IN THE SEATING DIRECTION AND UNSEATING CONCENTRATED LOADS AS FOLLOWS:
AT LATCHBOLT 22,464 LBS
AT REBOUND BARS 22,464 LBS

FRAME INSTALLATION

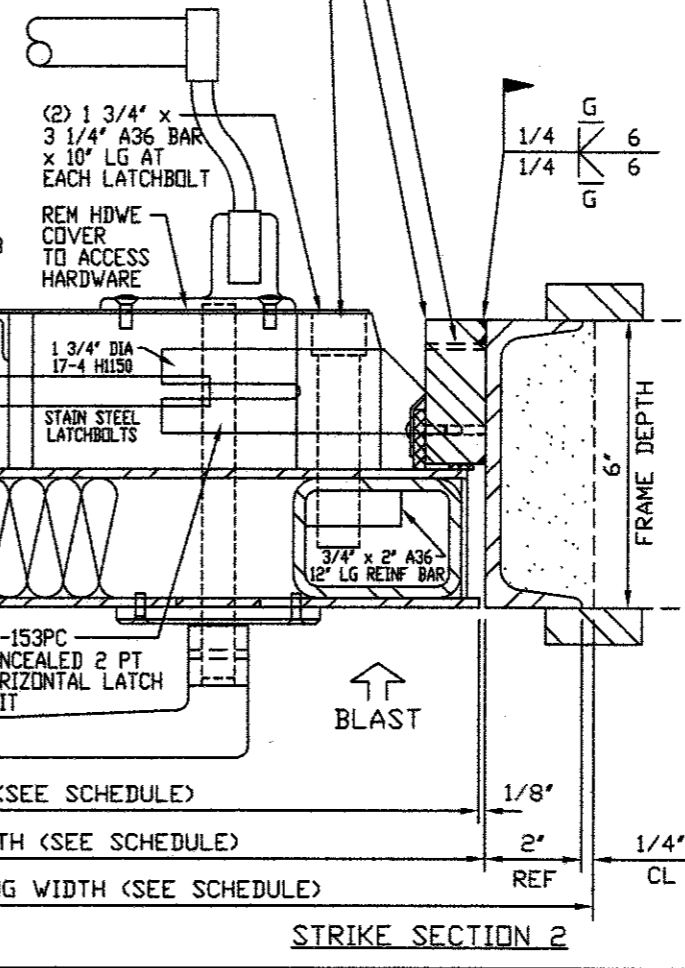
1. PROPERLY BRACE AND SUPPORT FRAME DURING INSTALLATION.
2. JAMBS MUST BE PLUMB.
3. HEAD MUST BE LEVEL.
4. ALL DIMENSIONS TO BE WITHIN 1/16".
5. DIAGONAL DIMENSIONS TO BE TO BE WITHIN 1/8".

1 1/4" x 2 1/2" A36 BAR STOP AT STRIKE JAMB
(2) 1 1/4" x 3" A36 STRIKE BARS x 6" LG FIELD WELD IN PLACE USING DOOR AS TEMPLATE
(2) 7/8-9 x 4" LG SHCS x UNBRAKO BRAND AT EACH LATCHBOLT SHEAR CAP 64,000 LBS EA TENSION CAP 91,700 LBS EA

NOTICE
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GENERAL CONDITIONS
P.D.I. WILL NOT BE LIABLE FOR ANY ERRORS OCCURRING TO OTHER TRADES THROUGH THE USE OF THIS DRAWING.
CONTRACTOR TO CHECK ALL DIMENSIONS AT JOB AS P.D.I. ASSUMES NO RESPONSIBILITY FOR GENERAL BUILDING DIMENSIONS.


(1) PR SH-461 6 WAY ADJUST HINGES FASTEN TO FRAME W/ (2) 1/2-13 x 1 1/4" LG SHCS FASTEN TO DOOR W/ (3) 1/2-13 x 1 1/2" LG SHCS UNBRAKO BRAND SHEAR CAP 22,350 LBS EACH TENSION CAP 27,000 LBS EACH
3 1/2" x 2 1/2" x 1/4" THK A500 GRB STRUCT TUBE TYP VERT STIFF
1/2" x 2 1/2" A36 8" LG SHIM BAR
3/16" THK PL A572 GR50
FIBERGLASS INSULATION



- NOTES:**
1. DESIGN PRESSURE: 39 PSI (SEATING) STATIC EQUIVALENT PRESSURE WITH 50% (UNSEATING) REBOUND
 - 1A. ALL WELDING PER AWS D1.1 AND/OR D1.3
 - 1B. WELDING ELECTRODES MIN TENSILE STRENGTH = 70,000 PSI
 2. FIRE RATING: NONE
 3. FINISH: STD GREY PRIMER
 4. HARDWARE BY PDI:
 - (1) PR SH-461 6-WAY ADJUST HINGES x USP FINISH
 - (1) SH-153PC 2 PT HORIZONTAL HARDWARE LEVER x EXIT BAR TRIM x US32D FINISH x (LESS CYL)
 - (1) ROCKWOOD #131 PULL HANDLE x US32D FIN
 - (1) PDI H-280W WEATHERSTRIP x BRUSHED FINISH
 - (1) PDI H-344 SILL SWEEP x USP FINISH
 - (1) PEMKO #272A/196A THRESHOLD x ALUM
 5. HARDWARE BY OTHERS:
 - (1) RIM KEY CYLINDER - IF POSSIBLE SHIP TO PDI FOR FACTORY INSTALLATION

DATE	MK	DESCRIPTION	BY
REVISIONS			

CUSTOMER:
PROJECT:


 PROTECTIVE DOOR INDUSTRIES
 HARVEY, ILLINOIS 60426

TITLE **DB-50M SGL BLAST RESISTANT DOOR AND FRAME**

DWG BY	MF	CHKD BY	
DATE	12/21/12	DATE	
SCALE		QA	
DWG NO.	2027-12	SHT NO.	1

MASTER