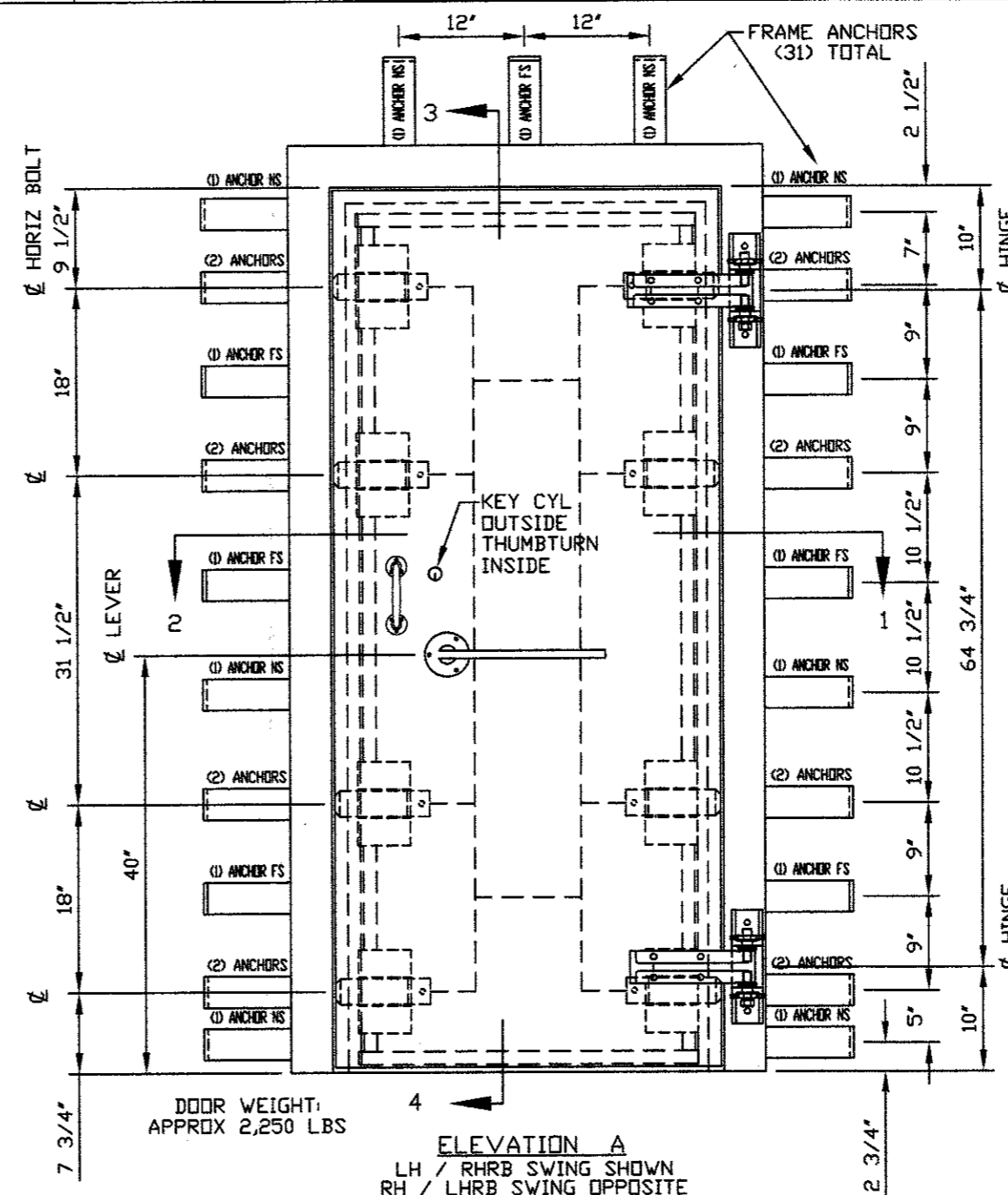
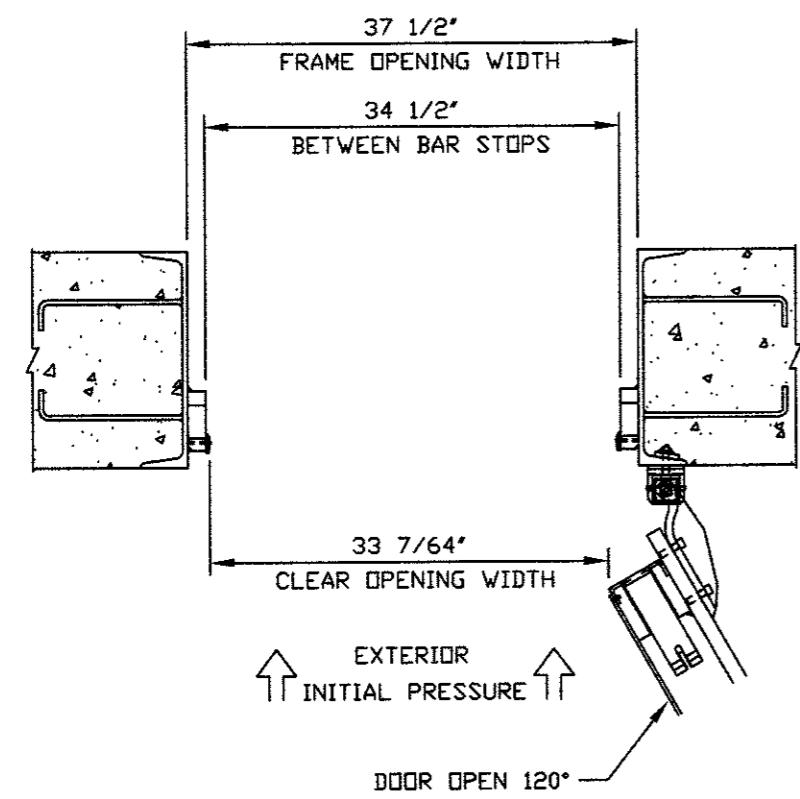
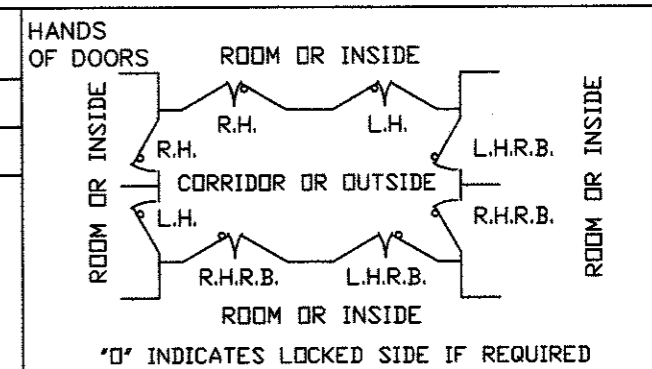


QUAN.	MARK NO	HAND	LOCATION		SUBFRAME OPNG		FRAME OPNG		DOOR SIZE		DOOR ELEV	SECTIONS				REMARKS	
			HINGE SIDE	STOP SIDE	WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT		HINGE	STRIKE	HEAD	SILL		
1	SGL	1	RHRB	EXTERIOR	INTERIOR	NA	NA	37 1/2"	84 3/4"	37"	84"	A	1	2	3	4	




DOOR WEIGHT: APPROX 2,250 LBS

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

- NOTES:
- DESIGN PRESSURE: PEAK REFLECTED PRESSURE IN THE SEATING DIRECTION  $P_r = 99$  PSI FOR A DURATION OF 5.22 MSEC WITH UNSEATING LOADS AS CALCULATED
  - FINISH: STD GREY PRIMER
  - FIRE RATING: NONE
  - HARDWARE BY PDI: (PER OPENING)
    - (1) PAIR PDI SH-417 HINGES SIX WAY ADJUSTABLE HINGES x USP FINISH
    - (1) SH-153-MC 8 PT HORIZONTAL MANUAL BOLT HARDWARE LEVER x LEVER TRIM x US32D FINISH FUNCTION: PASSAGE UNLESS LOCKED BY DEADBOLT
    - (1) DEADBOLT - KEY CYLINDER x THUMBTURN LOCKS AND UNLOCKS 8 PT HARDWARE
    - (1) FALCON 6 PIN RIM KEY CYLINDER x US26D FINISH
    - (2) ROCKWOOD #131 PULL HANDLES x US32D FINISH
    - (1) PDI H-280W WEATHERSTRIP x STAIN STL
    - (1) PDI H-344 SILL SWEEP x USP FINISH
    - (1) PEMKO #2749A/196A THRESHOLD x ALUM
    - (1) RAIN DRIP x USP FINISH
  - HARDWARE BY OTHERS:
    - (1) BEST REMOVABLE CORE FOR RIM CYLINDER
    - (1) DOOR STOP
    - (1) ANY HARDWARE NOT LISTED ABOVE

5/24/16	1	REVISED PER CALCS	MF
DATE	MK	DESCRIPTION	BY
REVISIONS			
CUSTOMER:			
PROJECT:			

  
 PROTECTIVE DOOR INDUSTRIES  
 HARVEY, ILLINOIS 60426

TITLE			
DB-X SGL BLAST RESISTANT DOOR AND FRAME			
DWG BY	MF	CHKD BY	
DATE	9/14/15	DATE	
SCALE		QA	
DWG NO.	2196-15	SHT NO.	1

**NOTICE**  
THIS IS A CONFIDENTIAL DISCLOSURE LOANED BY PROTECTIVE DOOR IND. SUBJECT TO THE CONDITIONS THAT IT AND THE INFORMATION EMBODIED THEREIN SHALL BE USED ONLY FOR RECORD AND REFERENCE PURPOSES, SHALL NOT BE USED OR CAUSED TO BE USED IN ANYWAY PREJUDICIAL TO THE INTEREST OF THIS COMPANY, SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART, AND SHALL BE RETURNED UPON REQUEST.

**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.

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

- IMPORTANT NOTE:**
- WALL MUST BE CAPABLE OF SUPPORTING LOADS AS FOLLOWS:
- SEATING LOADS  
1,300 LBS/IN CONTINUOUS ON JAMBS  
864 LBS/IN CONTINUOUS AT HEAD  
15,986 LBS CONCENTRATED AT BTM OF EACH JAMB
- UNSEATING LOADS  
33,677 LBS MAX CONCENTRATED AT EACH MANUAL BOLT

PLOT SCALE 1=16  
2196-1

MASTER