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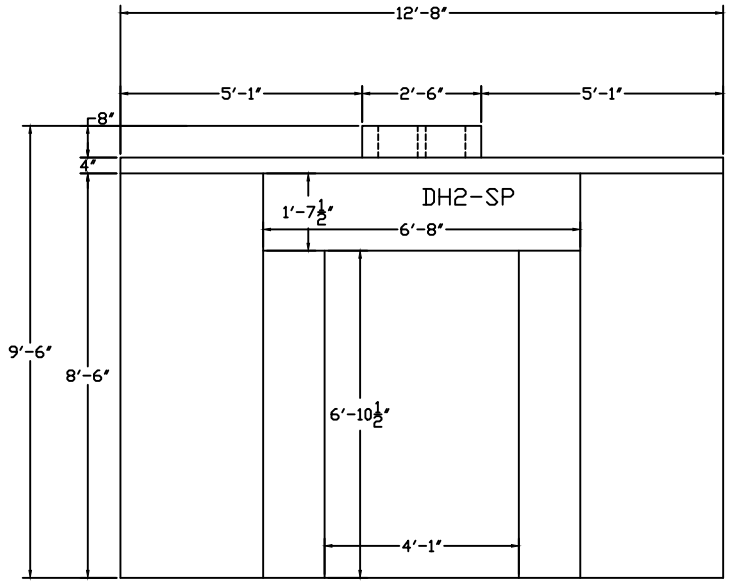

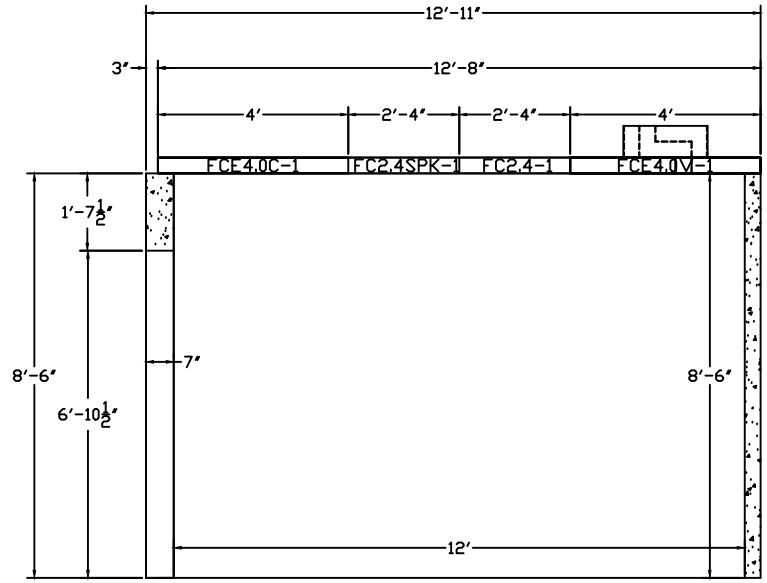

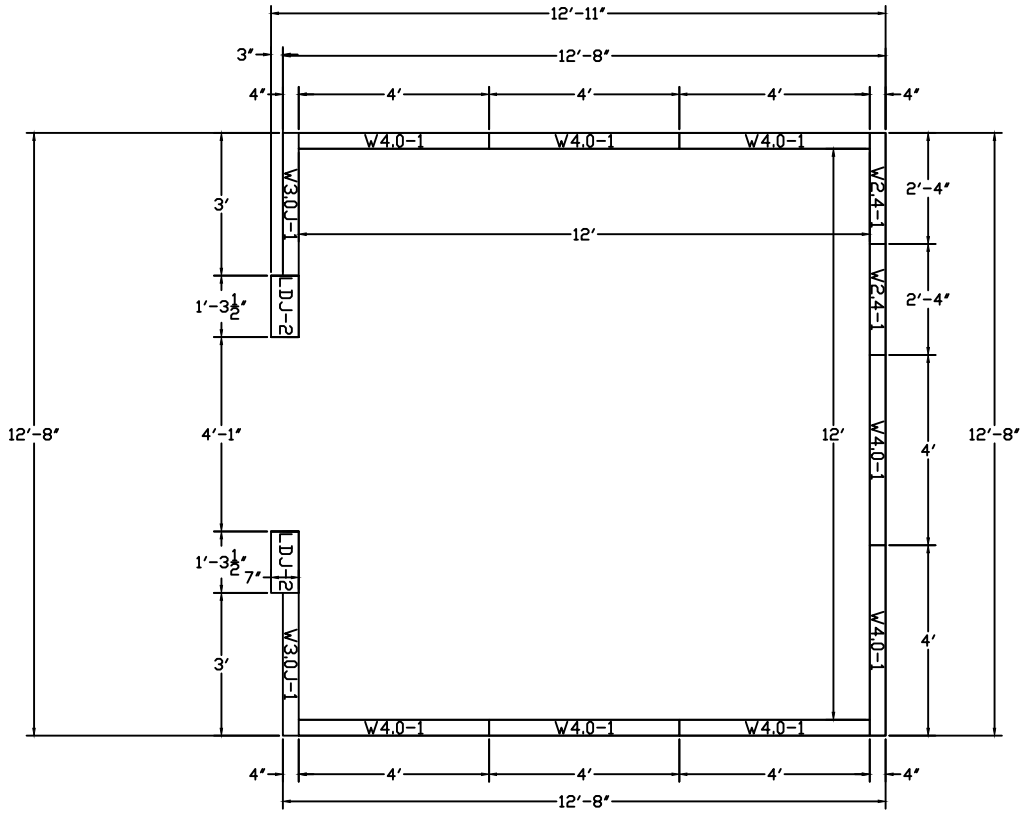

PLAN - SHOWING WALL PANELS

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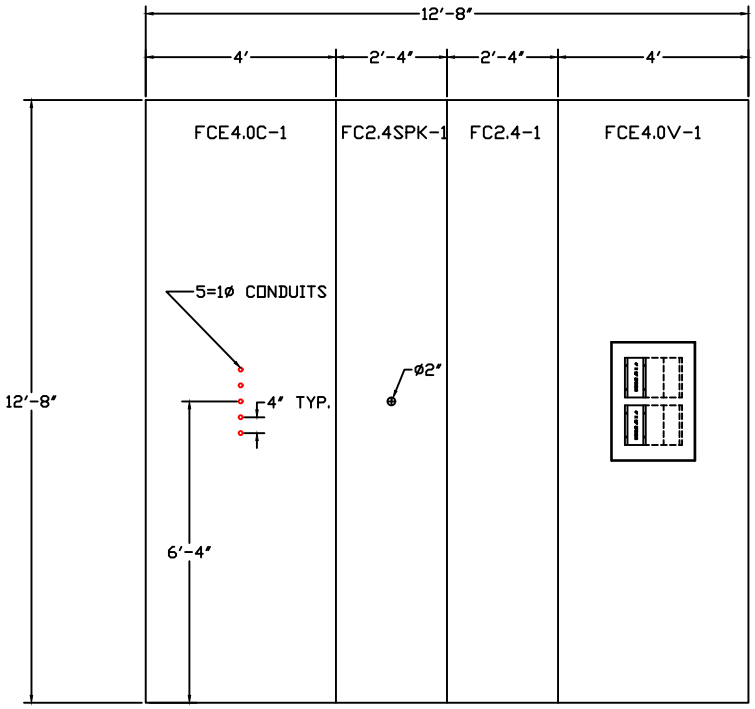
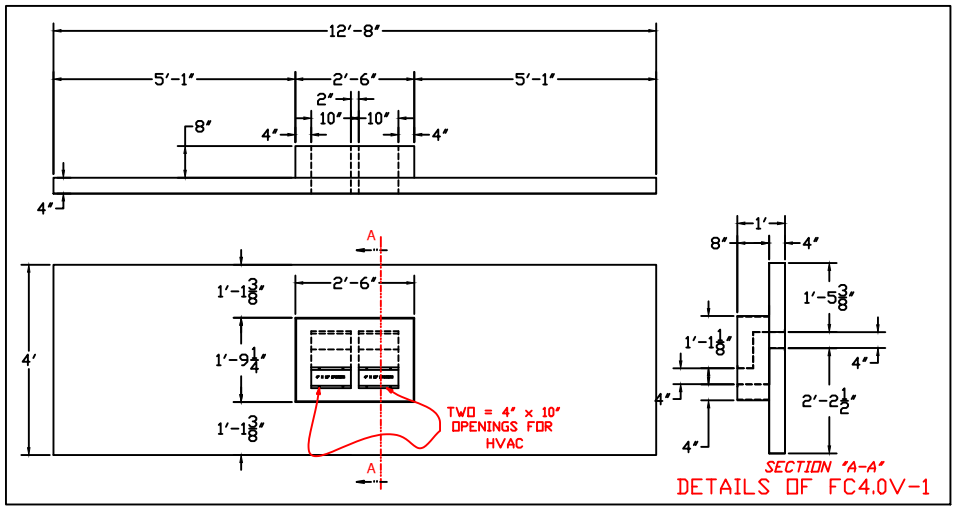
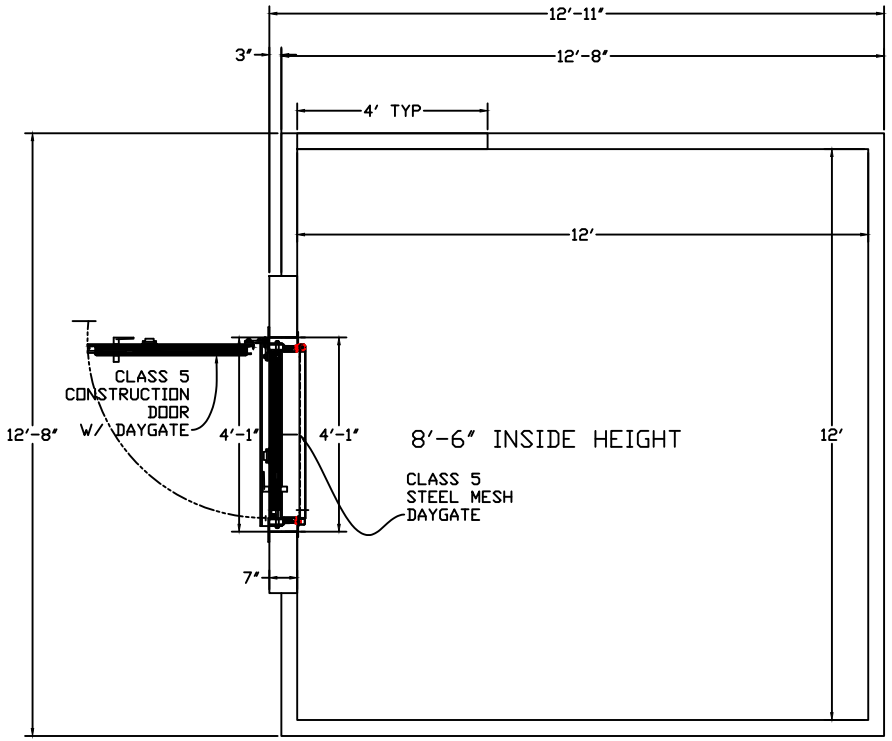


PLAN - SHOWING CEILING PANELS



DETAILS OF FC4.0V-1



PLAN SHOWING DOOR SWING

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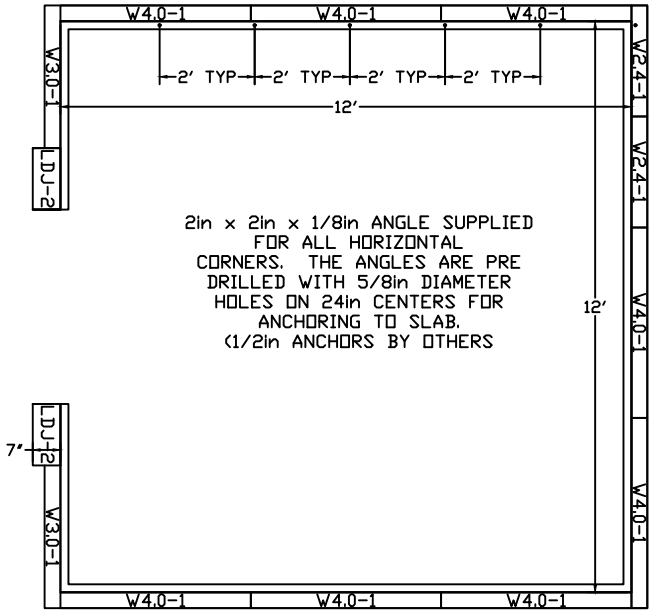

PLAN - TYP. VAULT ATTACHMENT TO SLAB

NOTE: U.L. DOES NOT SPECIFY HOW A VAULT IS TO BE ATTACHED TO THE SLAB.
THE ABOVE IS A SUGGESTION BASED ON A TYPICALLY INSTALLATION.
STRUCTURAL / SEISMIC CALCULATIONS MAY BE REQUIRED PER JOB SITE.
CALCULATIONS MUST BE DONE BY AN STRUCTURAL ENGINEER THAT IS LICENSED IN THE LOCATION OF THE INSTALLATION.
IN CERTAIN AREAS OF THE WORLD WELD OR ANGLE SPECS MY DIFFER THEN WHAT IS SHOWN IN A TYPICAL INSTALLATION
HAMILTON SAFE IS NOT RESPONSIBLE FOR THE COST OF OTHER ATTACHMENT ANGLES/ MATERIALS OR COST OF ANY CALCULATIONS.

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NOTES:

1. PANELS ARE CONSTRUCTED OF HIGH STRENGTH FIBROUS CONCRETE REINFORCED WITH REBAR. FLAT SIDED JOINTS FOR ADDED STRENGTH. WELD PADS CAST INTO ALL FOUR CORNERS ON INTERIOR OF PANEL.
2. WELD RECOMMENDATIONS ARE ON THE NEXT PG. , IN SOME AREAS DIFFERENT WELDING REQUIREMENTS MAY BE REQUIRED.
3. ALL ELECTRIC / UTILITY CONNECTIONS (BY OTHERS).
4. ALL STRUCTURAL DESIGN OF THE SUPPORTING FLOOR TO BE DEVELOPED BY STRUCTURAL ENGINEER AT PURCHASERS' EXPENSE.
5. SEISMIC CALCULATIONS (BY OTHERS), IF REQUIRED.
6. PANELS ARE SHIPPED ON A FLATBED TRUCK. LIFTING INSERTS IN EACH END OF PANEL FACILITATES LIFTING AND INSTALLATION. PROPER LIFTING HOIST RING INFORMATION ABOVE.
7. WALL COVERINGS (BY OTHERS)
8. FOR PROPER INSTALLATION, ALLOW 12" OF CLEARANCE AROUND PERIMETER OF VAULT.
9. ALLOWANCE FOR GROWTH OF APPROXIMATELY 1" PER 15'–0" OF VAULT SHOULD BE CONSIDERED.
10. FOR A SIX SIDED APPLICATION 3/8" PLYWOOD UNDERLAYMENT IS RECOMMENDED (MATERIAL & LABOR BY GENERAL CONTRACTOR)
11. PANELS ARE NON–LOAD BEARING AND ARE NOT ENGINEERED TO SUPPORT THE BUILDING STRUCTURE, HEATING/COOLING UNITS, SIX SIDED FLOORS CANNOT FREE SPAN, ETC.
12. MONTGOMERY SERIES HAS AN OPTIONAL ELECTRIC POWERED VENTILATOR , ADAPTER PLUG WITH 25FT CORD EXTENDS OUT THE TOP OF VAULT DOOR TRIM. (BY OTHERS) PROVIDE 110V SERVICE / 24HR. SERVICE DUPLEX OUTLET. 110V / 60HZ / 2AMP.
13. IT IS THE RESPONSIBILITY OF THE OWNER/ARCHITECT/GENERAL CONTRACTOR TO ENSURE THAT ALL LOCAL, STATE, & FEDERAL ADA REGULATIONS ARE IN COMPLIANCE.
14. VAULT DOOR FLOOR PLATE IS 5/8" THICK, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FLOAT THE FLOOR TO THE TOP OF THE DOOR PLATE FOR A SMOOTH TRANSITION. A RAMPED TRANSITION PLATE IS AVAILABLE AS AN OPTION IF THIS CAN NOT BE COMPLETED

NOTE: PANELS HAVE LIFTING INSERTS CAST INTO EACH END
PART # 15–074 : 3/4"–10 THREAD HOIST RING (1 1/2" LONG GR8 BOLT)
TO BE RATED FOR 5,000 LBS. LIVE LOAD
FOLLOW DIRECTIONS STRAPPED TO HOIST RING
INSTALLATION TORQUE 100–FT–LB

HOIST RING FOR PANELS (PICTURED)

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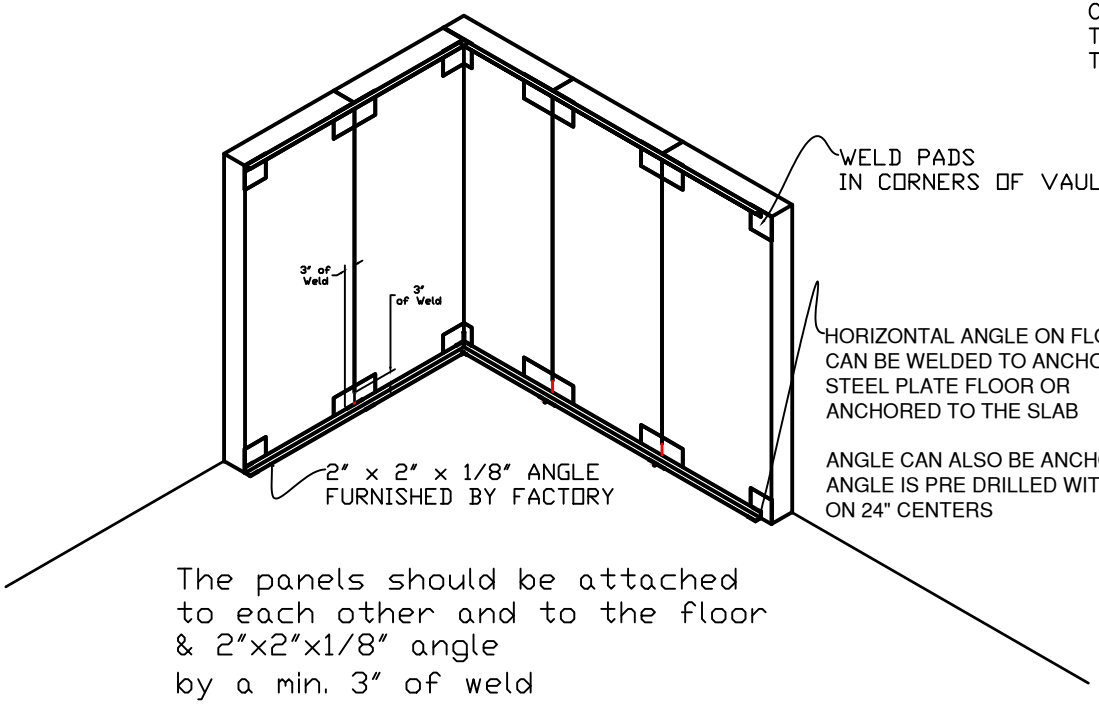
CLASS I - ERECTION / WELDING SPECIFICATIONS USING ANGLE

CUT-AWAY VIEW OF A TYPICAL CORNER
(CEILING NOT SHOWN FOR CLARITY)

NOTE: CEILING / FLOOR PANELS ARE NOT DESIGNED
FOR THE WELD PADS TO LINE UP WITH THE WALL PANEL WELD PADS
CEILING / FLOOR WELD PADS ARE TO BE WELDED TO EACH OTHER
THEN WELDED TO THE SUPPLIED ANGLE.
THE ANGLE WILL THEN BE WELDED TO THE WALL PANEL WELD PADS



The panels should be attached
to each other and to the floor
& 2"x2"x1/8" angle
by a min. 3" of weld
this can be one 3" long weld or 3 - 1"
beads.

VAULT PANEL ATTACHMENT

NOTE: U.L. DOES NOT SPECIFY HOW A VAULT IS TO BE ATTACHED
THE ABOVE IS A SUGGESTION BASED ON A TYPICALLY INSTALLATION.
STRUCTURAL / SEISMIC CALCULATIONS MAY BE REQUIRED PER JOB SITE.
CALCULATIONS MUST BE DONE BY AN STRUCTURAL ENGINEER THAT IS LICENSED IN THE LOCATION OF THE INSTALLATION.
IN CERTAIN AREAS OF THE WORLD THE WELD OR ANGLE SPECS MY DIFFER THEN WHAT IS SHOWN IN A TYPICAL INSTALLATION
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PANEL SCHEDULE - NOTE: 4" THICK CLASS 1 HEAVY WEIGHT PANELS (54 LBS. PER SQUARE FOOT)

ITEM	PANEL LABEL	NUMBER REQUIRED	PANEL INVENTORY	O.A WIDTH		O.A. LENGTH (HEIGHT)		O.A. WIDTH OF PANEL IN INCHES	O.A. HEIGHT OF PANEL IN INCHES	WEIGHT PER PANEL IN LBS.	PANELS TOTAL IN LBS.	Remarks
				FEET	INCH	FEET	INCH					
1	W4.0-1	8		4	0	8	6	48	102	1,836.00	14,688.00	
2	W2.4-1	2		2	4	8	6	28	102	1,071.00	2,142.00	
3	W3.0J-1	2		3	0	8	6	36	102	1,377.00	2,754.00	
4	**LDJ-2**	1		1	3.5	**6**	**10.5**	15.5	82.5	834.74	834.74	7" CLASS 2 JAMBS
5	**RDJ-2**	1		1	3.5	**6**	**10.5**	15.5	82.5	834.74	834.74	7" CLASS 2 JAMBS
6	**DH2-SP**	1		6	8	1	7.5	80	19.5	1,018.33	1,018.33	7" CLASS 2 HEADER
7	FCE4.0C-1	1		4	0	12	8	48	152	2,736.00	2,736.00	CONDUITS IN CEILING PANEL
8	FCE4.0V-1	1		4	0	12	8	48	152	3,296.00	3,296.00	VENT PANEL
9	FC2.4SPK-1	1		2	4	12	8	28	152	1,596.00	1,596.00	2" DIA HOLE
10	FC2.4-1	1		2	4	12	8	28	152	1,596.00	1,596.00	
PANEL TOTAL =		19									31,495.81	LBS.
	Additional Equipment											
		12	2" x 2" x 1/8" HR Angles 10ft long						204	lbs.		
		50	LBS. of shim stock						50	lbs.		
		1	cases of gray caulk						14	lbs.		
		1	CLASS 5 CONSTRUCTION DAYGATE W/ DAYGATE						1500	LBS.		
EST. TOTAL WEIGHT =									33,263.81	LBS.		

REBAR LIST - FOR PLANT USE

INTERIOR SQ FT =	552
EXTERIOR SQ FT =	557

GRID QTY	PANEL NAME	O.A. LENGTH (HEIGHT)		VERITCAL QTY.	VERTICAL DIM. IN INCHES	HORIZONTAL QTY	HORIZONTAL DIM. IN INCHES
		FEET	INCHES				
8	W4.0-1	8	6	112	99	160	44
2	W2.4-1	8	6	20	99	40	24
2	W3.0J-1	8	6	23	99	40	32
2	LDJ-2	6	10.5	15	79.5	32	11.5
2	RDJ-2	6	10.5	15	79.5	32	11.5
2	DH2-SP	1	7.5	41	12	7	43
1	FCE4.0C-1	12	8	14	149	30	44
1	FCE4.0V-1	12	8	14	149	30	44
1	FC2.4SPK-1	12	8	10	149	30	24
1	FC2.4-1	12	8	10	149	30	24

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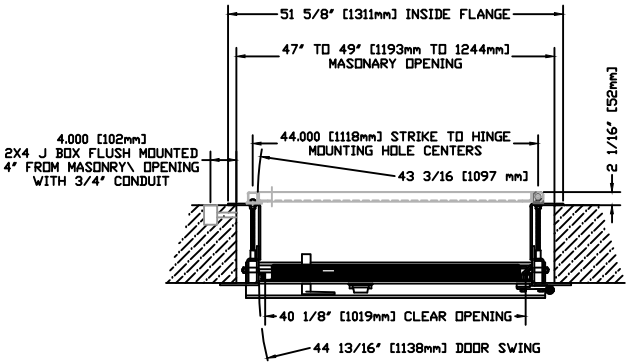
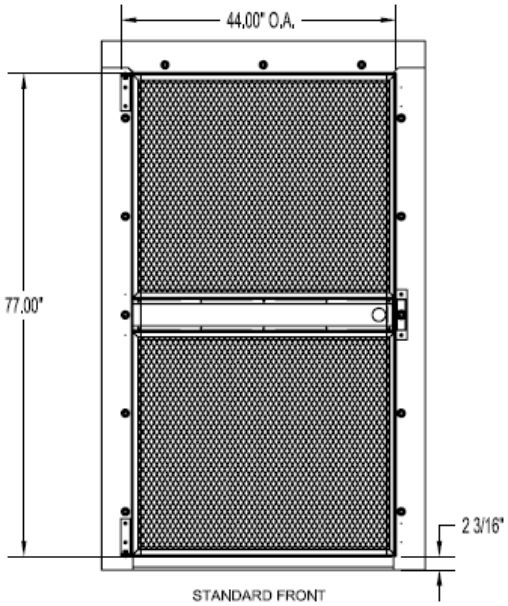
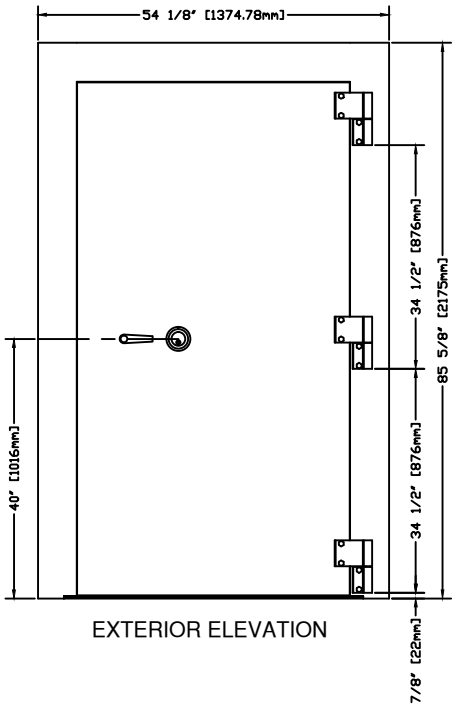


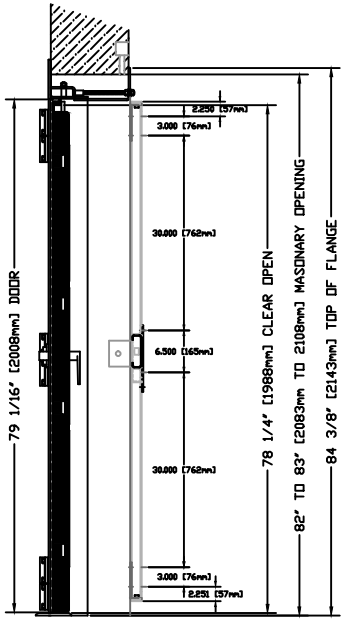
PLAN



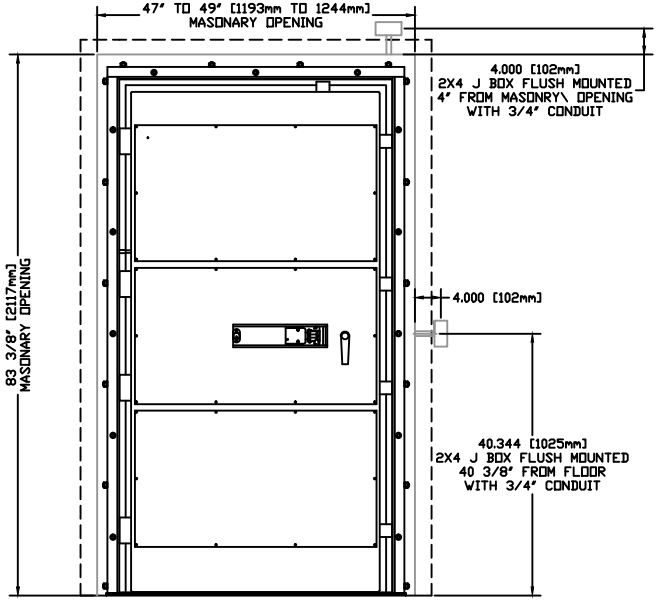
STANDARD FRONT



EXTERIOR ELEVATION



SECTION



INTERIOR ELEVATION

APPROXIMATE SHIPPING WEIGHT = 1,500 lbs

RIGHT SWING SHOWN
LEFT SWING OPPOSITE