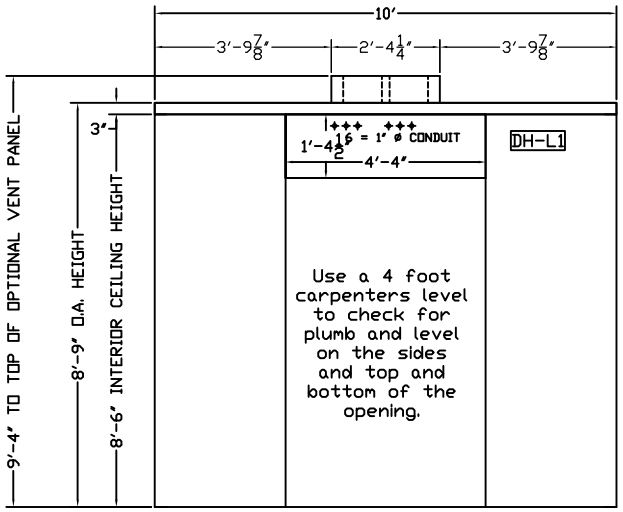
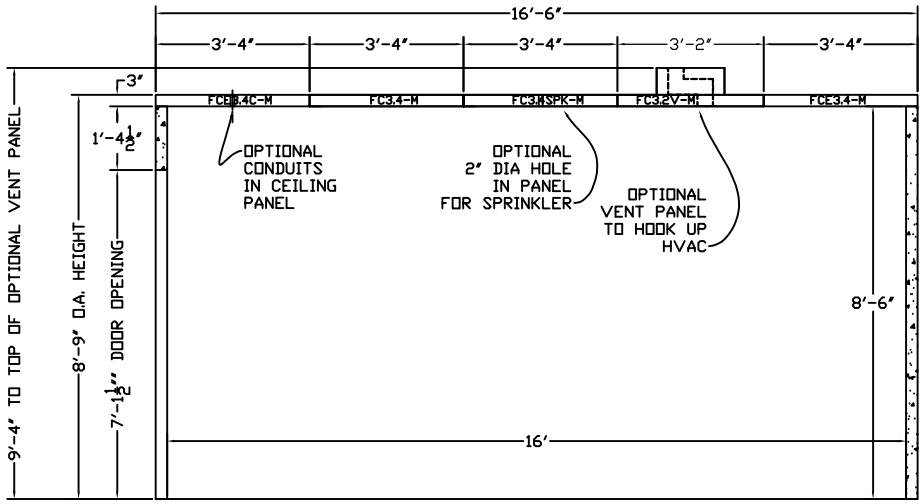


END ELEVATION



SIDE ELEVATION

REVISION 4	
REVISION 3	
REVISION 2	
REVISION 1	

HAMILTON SAFE

EXAMPLE VAULT DRAWING

CLASS M - 5 SIDED

CLASS : *M HEAVY WEIGHT 3″ THK. PANELS*

SIDES : *5*

DOOR SWING : *RIGHT (2,500 LBS.) SHOWN*

ESTIMATED WEIGHT OF PANELS : *24,046 LBS.*

DEALER :

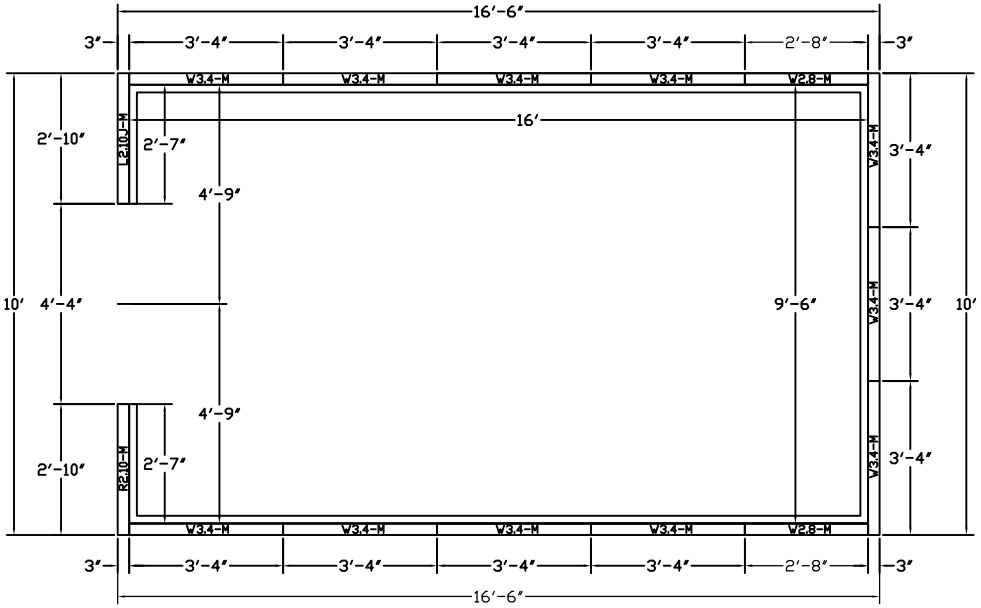
DATE : *1-5-16*

ORDER NUMBER :

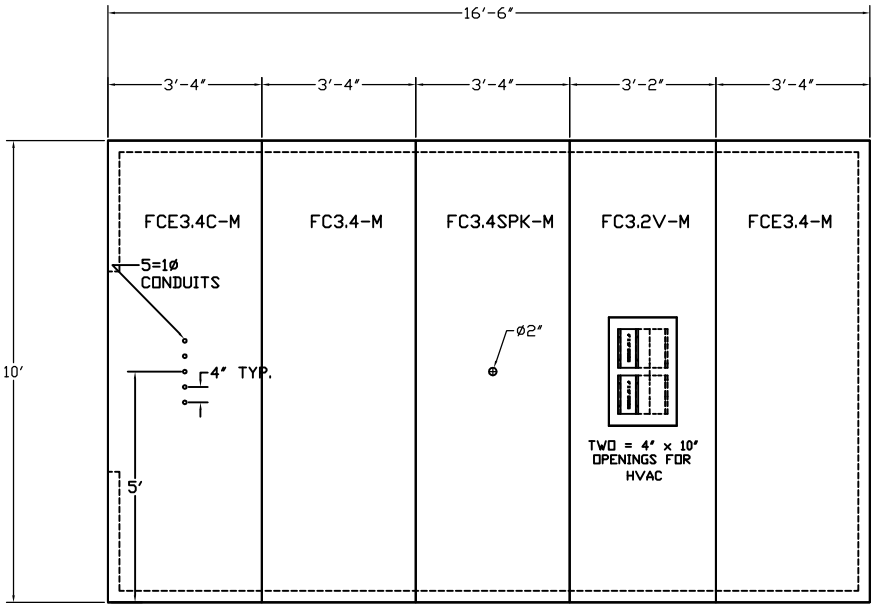
DRAWING NUMBER : *16-001*

SHEET NUMBER : *1of6*

NOTES:
1. Recommended for proper installation, allow 12″ of clearance around perimeter vault.
2. Allowance for growth of approximately 1″ per 15′-0″ of vault should be considered.
3. For a 6-Sided application 3/8″ plywood underlayment is recommended.
(Material & labor by general contractor)



PLAN - VAULT PANELS LAYOUT



PLAN - SHOWING CEILING PANELS

REVISION 4	
REVISION 3	
REVISION 2	
REVISION 1	

HAMILTON SAFE

EXAMPLE VAULT DRAWING

CLASS M - 5 SIDED

CLASS : *M HEAVY WEIGHT 3″ THK. PANELS*

SIDES : *5*

DOOR SWING : *RIGHT (2,500 LBS.) SHOWN*

ESTIMATED WEIGHT OF PANELS : *24,046 LBS.*

DEALER :

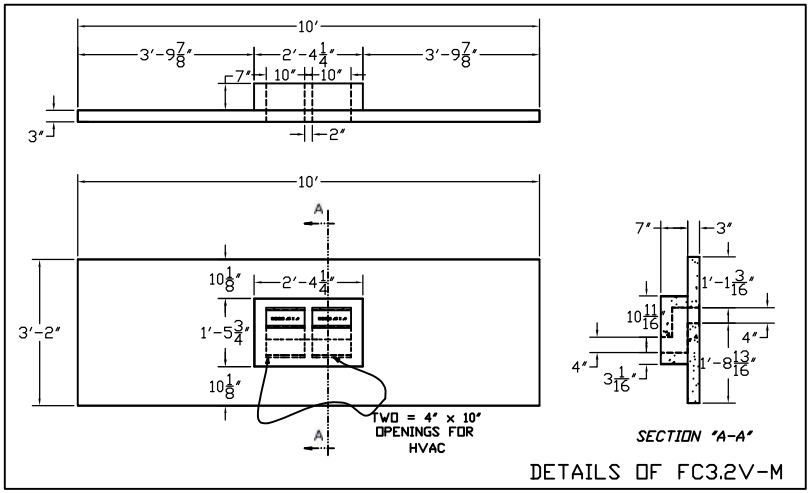
DATE : *1-5-16*

ORDER NUMBER :

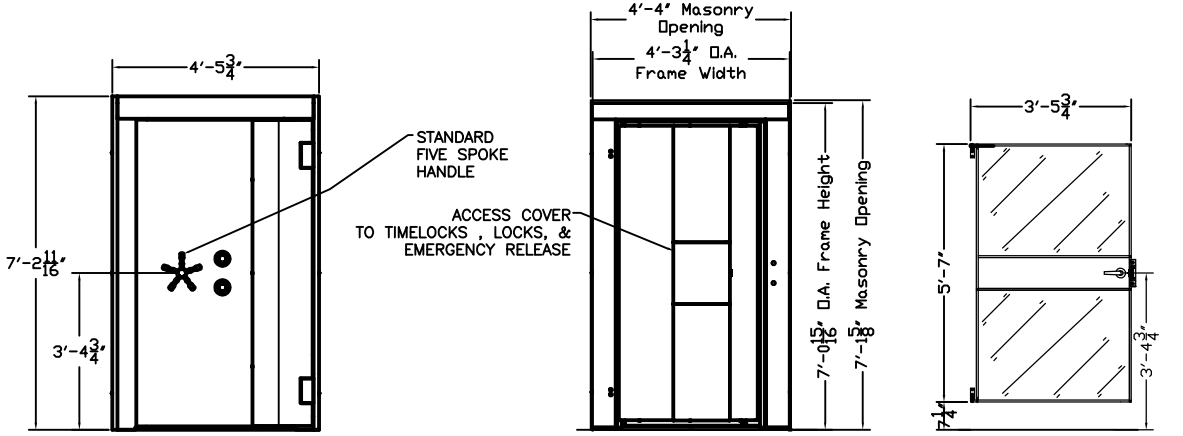
DRAWING NUMBER : *16-001*

SHEET NUMBER : *2of6*

NOTES:
1. Recommended for proper installation, allow 12″ of clearance around perimeter vault.
2. Allowance for growth of approximately 1″ per 15′-0″ of vault should be considered.
3. For a 6-Sided application 3/8″ plywood underlayment is recommended.
(Material & labor by general contractor)



DETAILS OF FC3.2V-M

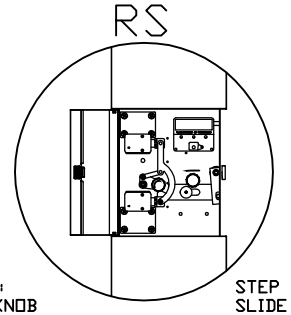


EXTERIOR ELEVATION

INTERIOR ELEVATION (SHOWN WITH OUT DAY GATE)

OPTIONAL DAY GATE

CLASS M MONTGOMERY VAULT DOOR - RIGHT SWING



STEP 1:
TURN KNOB COUNTERCLOCKWISE SIX FULL REVOLUTIONS THEN PULL OUT AND HOLD

STEP 2:
SLIDE KNOB TO RIGHT, THEN PUSH DOOR TO OPEN

EMERGENCY RELEASE INSTRUCTIONS

REVISION 4	
REVISION 3	
REVISION 2	
REVISION 1	

HAMILTON SAFE

EXAMPLE VAULT DRAWING

CLASS M - 5 SIDED

CLASS : *M HEAVY WEIGHT 3" THK. PANELS*

SIDES : *5*

DOOR SWING : *RIGHT (2,500 LBS.) SHOWN*

ESTIMATED WEIGHT OF PANELS : *24,046 LBS.*

DEALER :

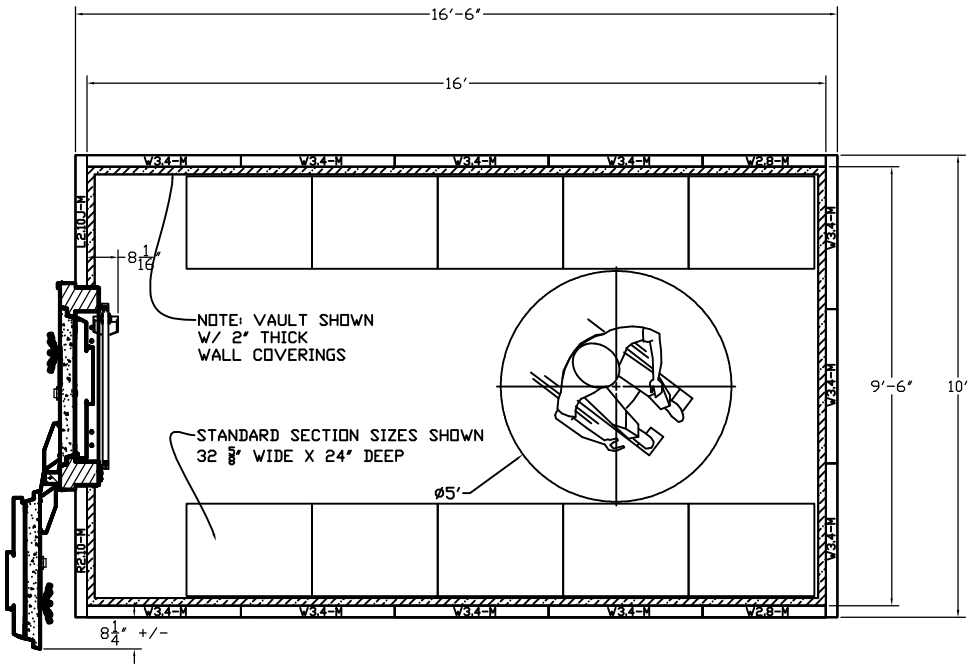
DATE : *1-5-16*

ORDER NUMBER :

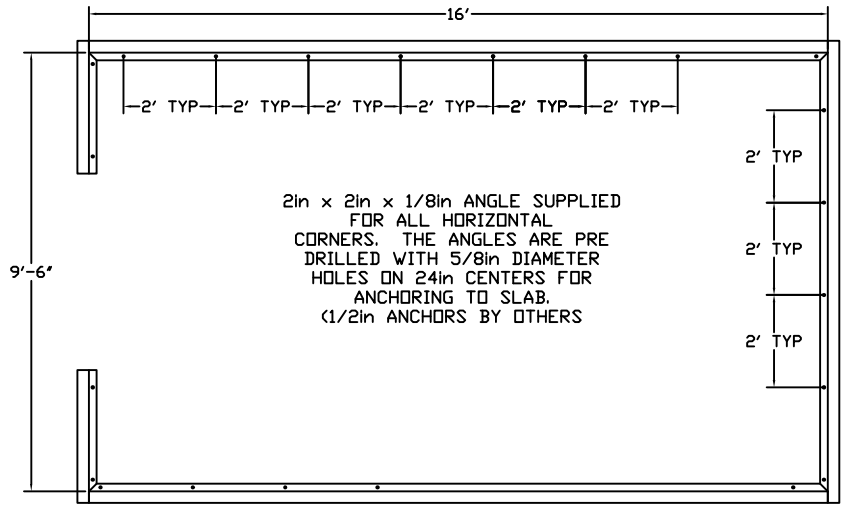
DRAWING NUMBER : *16-001*

SHEET NUMBER : *3of6*

NOTES:
1. Recommended for proper installation, allow 12" of clearance around perimeter vault.
2. Allowance for growth of approximately 1" per 15'-0" of vault should be considered.
3. For a 6-Sided application 3/8" plywood underlayment is recommended.
(Material & labor by general contractor)



PLAN - SHOWING DOOR SWING



REVISION 4	
REVISION 3	
REVISION 2	
REVISION 1	

HAMILTON SAFE

EXAMPLE VAULT DRAWING

CLASS M - 5 SIDED

CLASS : *M HEAVY WEIGHT 3" THK. PANELS*

SIDES : *5*

DOOR SWING : *RIGHT (2,500 LBS.) SHOWN*

ESTIMATED WEIGHT OF PANELS : *24,046 LBS.*

DEALER :

DATE : *1-5-16*

ORDER NUMBER :

DRAWING NUMBER : *16-001*

SHEET NUMBER : *4of6*

NOTES:
1. Recommended for proper installation, allow 12" of clearance around perimeter vault.
2. Allowance for growth of approximately 1" per 15'-0" of vault should be considered.
3. For a 6-Sided application 3/8" plywood underlayment is recommended.
(Material & labor by general contractor)

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.**

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 PAGE 6 , 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

REVISION 4	
REVISION 3	
REVISION 2	
REVISION 1	

HAMILTON SAFE

EXAMPLE VAULT DRAWING

CLASS M - 5 SIDED

CLASS : *M HEAVY WEIGHT 3" THK. PANELS*
SIDES : *5*
DOOR SWING : *RIGHT (2,500 LBS.) SHOWN*
ESTIMATED WEIGHT OF PANELS : *24,046 LBS.*
DEALER :
DATE : *1-5-16*
ORDER NUMBER :
DRAWING NUMBER : *16-001*
SHEET NUMBER : *5of6*

NOTES:
1. Recommended for proper installation, allow 12" of clearance around perimeter vault.
2. Allowance for growth of approximately 1" per 15'-0" of vault should be considered.
3. For a 6-Sided application 3/8" plywood underlayment is recommended. (Material & labor by general contractor)

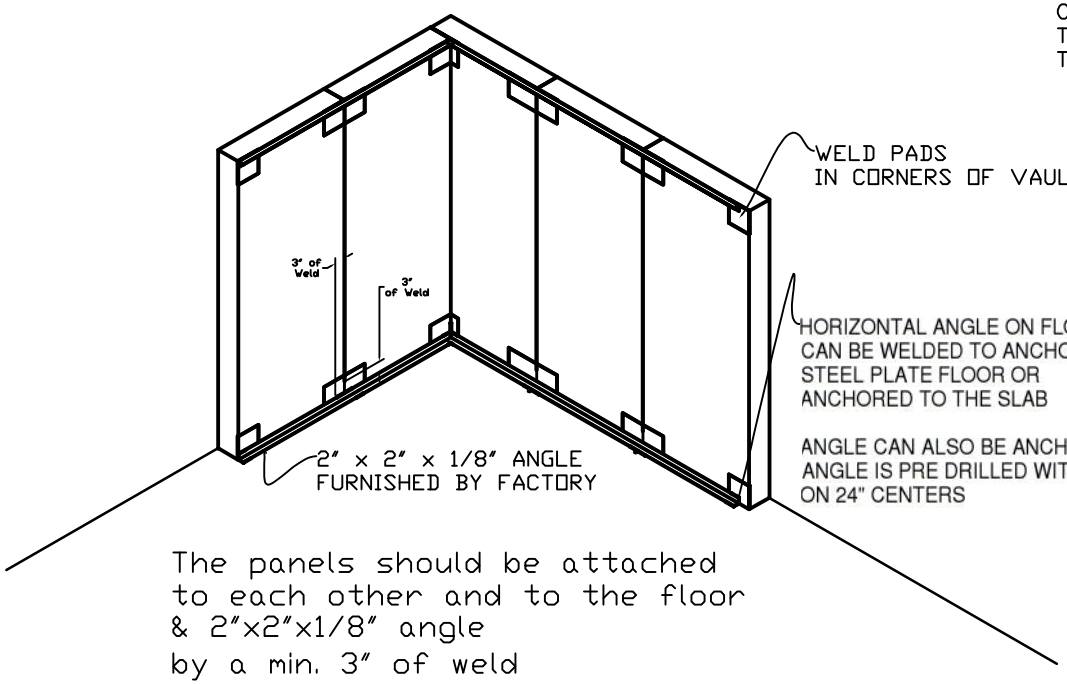
NOTE: PANELS HAVE LIFTING INSERTS CAST INTO EACH END
PART # 15–074 : 3/4"–10 THREAD HOIST RING (1 1/2" LONG GR8 BOLT)
TO BE RATED FOR 5,000 LBS. LIVE LOAD
FOLLOW DIRECTIONS STRAPPED TO HOIST RING
INSTALLATION TORQUE 100–FT–LB

NOTE: VAULT DOOR HAS A INSERT CAST INTO TOP
PART # 15–075 : 3/4"–10 THREAD HOIST RING (8" LONG GR7 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)

CLASS M - 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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REVISION 4	
REVISION 3	
REVISION 2	
REVISION 1	

HAMILTON SAFE

EXAMPLE VAULT DRAWING
CLASS M - 5 SIDED

CLASS : *M HEAVY WEIGHT 3" THK. PANELS*
SIDES : *5*
DOOR SWING : *RIGHT (2,500 LBS.) SHOWN*
ESTIMATED WEIGHT OF PANELS : *24,046 LBS.*
DEALER :
DATE : *1-5-16*
ORDER NUMBER :
DRAWING NUMBER : *16-001*
SHEET NUMBER : *6of6*

NOTES:
1. Recommended for proper installation, allow 12" of clearance around perimeter vault.
2. Allowance for growth of approximately 1" per 15'-0" of vault should be considered.
3. For a 6-Sided application 3/8" plywood underlayment is recommended.
(Material & labor by general contractor)