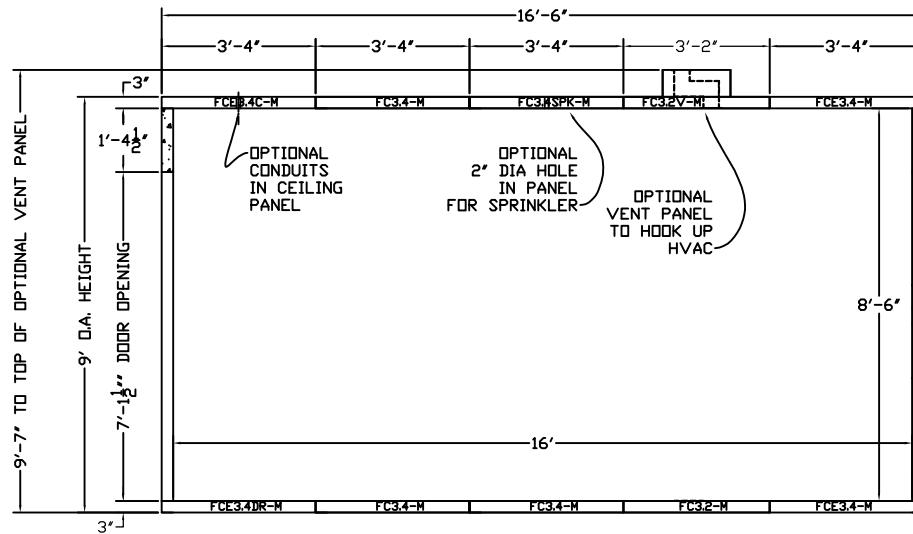


END ELEVATION



SIDE ELEVATION

REVISION 4	
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REVISION 1	

# HAMILTON SAFE

## EXAMPLE VAULT DRAWING CLASS M - 6 SIDED

CLASS : M HEAVY WEIGHT 3' THK. PANELS

SIDES : 6

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

ESTIMATED WEIGHT OF PANELS : 30,726 LBS.

DEALER :

DATE : 1-5-16

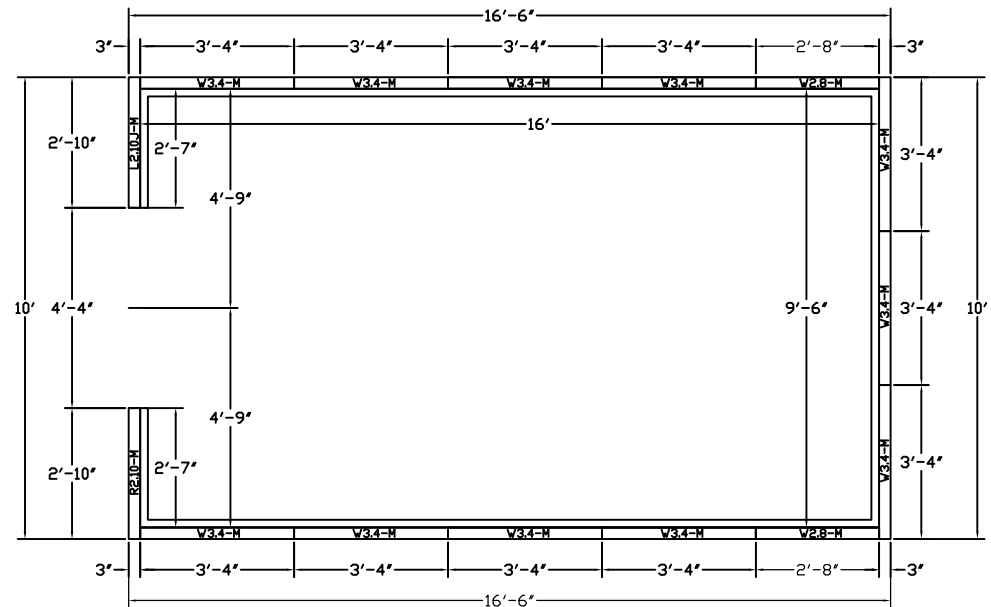
ORDER NUMBER :

DRAWING NUMBER : 16-002

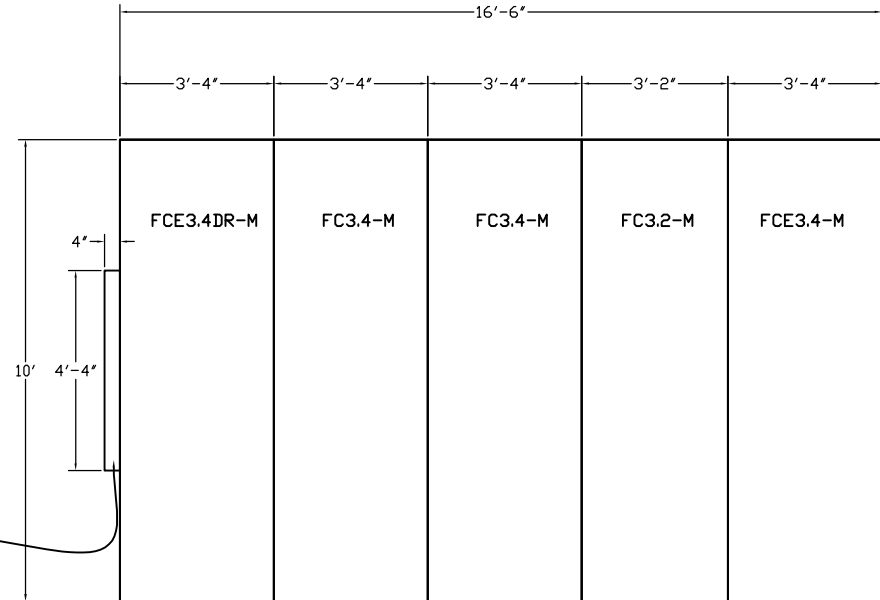
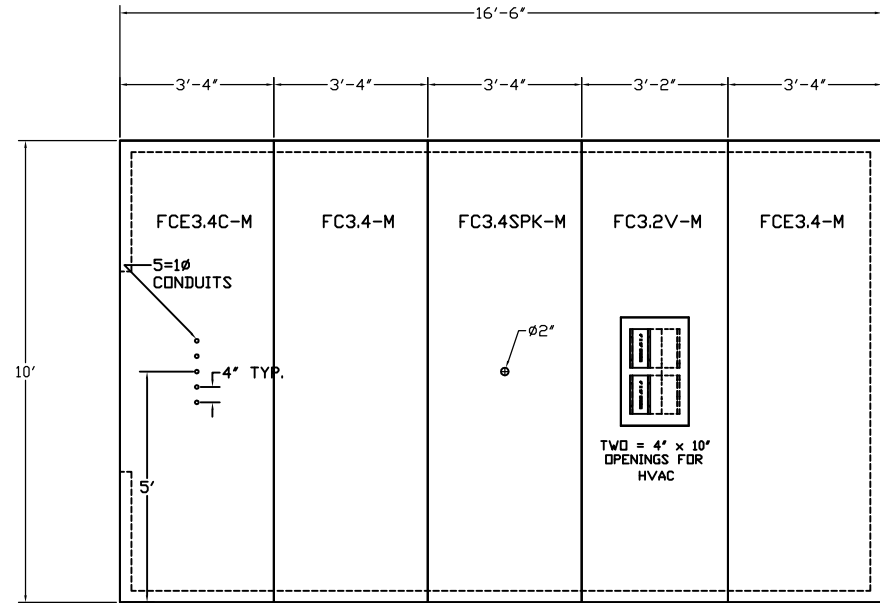
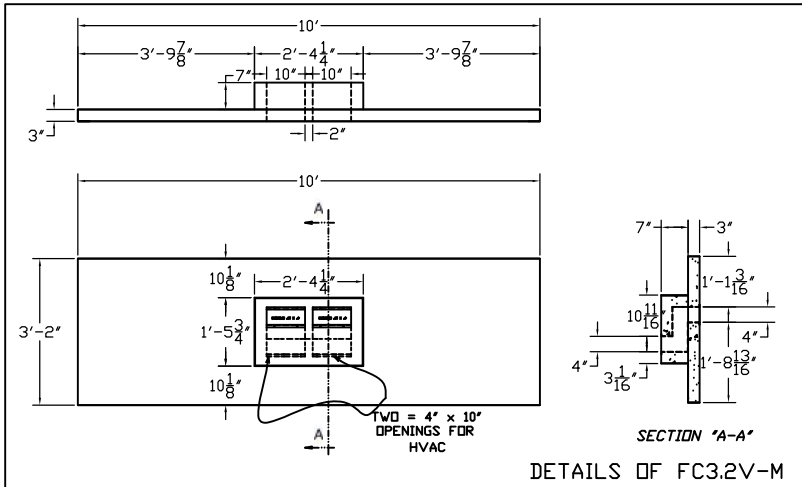
SHEET NUMBER : 1of6

**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



REVISION 4	
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REVISION 1	

# HAMILTON SAFE

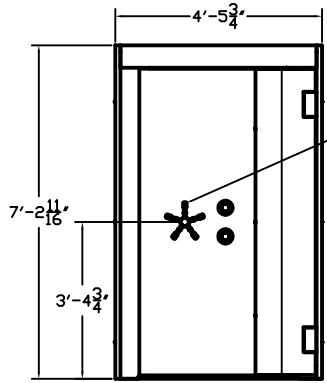
## EXAMPLE VAULT DRAWING CLASS M - 6 SIDED

CLASS : M HEAVY WEIGHT 3" THK. PANELS  
 SIDES : 6  
 DOOR SWING : RIGHT (2,500 LBS.) SHOWN  
 ESTIMATED WEIGHT OF PANELS : 30,726 LBS.  
 DEALER :  
 DATE : 1-5-16  
 ORDER NUMBER :  
 DRAWING NUMBER : 16-002  
 SHEET NUMBER : 2 of 6

**NOTES:**

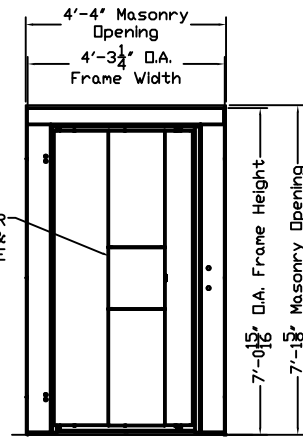
1. Recommended for proper installation, allow 12" of clearance around perimeter vault.
2. Allowance for growth of approximately 1" per 15'-0" of vault should be considered.
3. For a 6-Sided application 3/8" plywood underlayment is recommended.  
(Material & labor by general contractor)

16-015 STEP PANEL

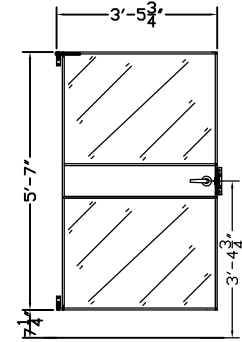


EXTERIOR ELEVATION

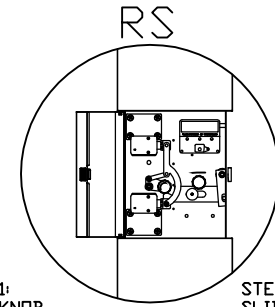
STANDARD FIVE SPOKE HANDLE  
ACCESS COVER TO TIMELOCKS, LOCKS, & EMERGENCY RELEASE



INTERIOR ELEVATION  
(SHOWN WITH OUT DAY GATE)



OPTIONAL DAY GATE



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

CLASS M MONTGOMERY VAULT DOOR - RIGHT SWING

REVISION 4	
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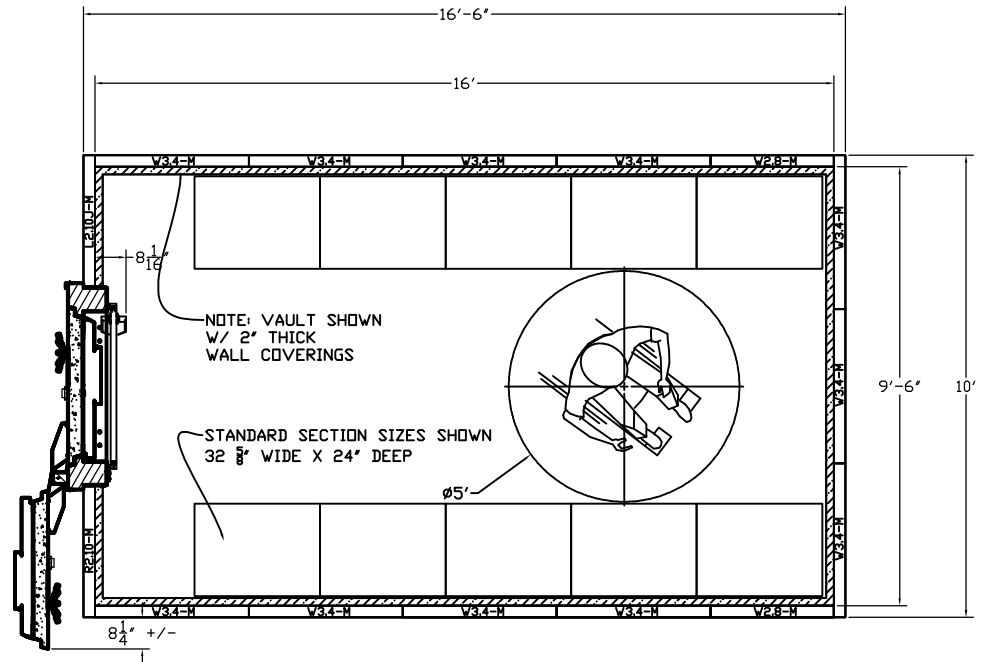
**HAMILTON SAFE**

EXAMPLE VAULT DRAWING  
CLASS M - 6 SIDED

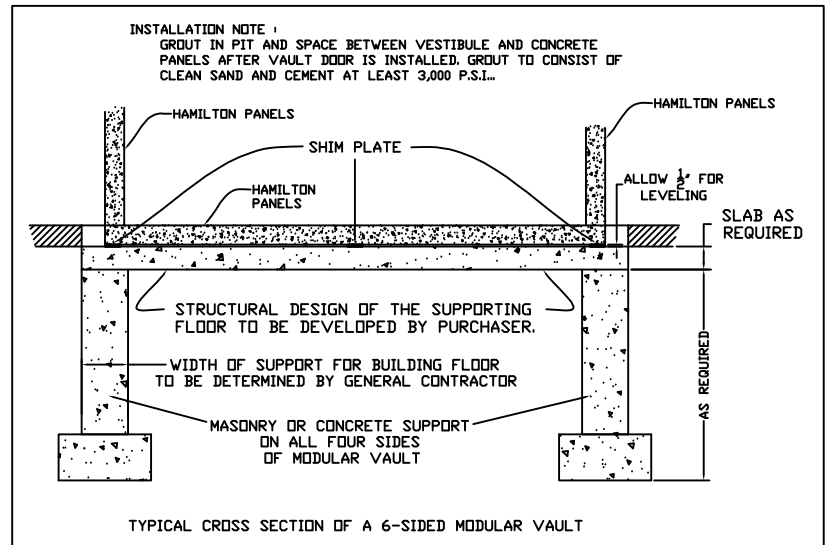
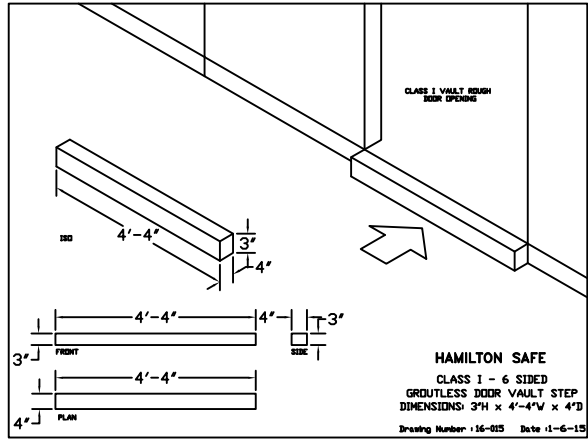
CLASS : M HEAVY WEIGHT 3" THK. PANELS  
SIDES : 6  
DOOR SWING : RIGHT (2,500 LBS.) SHOWN  
ESTIMATED WEIGHT OF PANELS : 30,726 LBS.  
DEALER :  
DATE : 1-5-16  
ORDER NUMBER :  
DRAWING NUMBER : 16-002  
SHEET NUMBER : 3 of 6

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



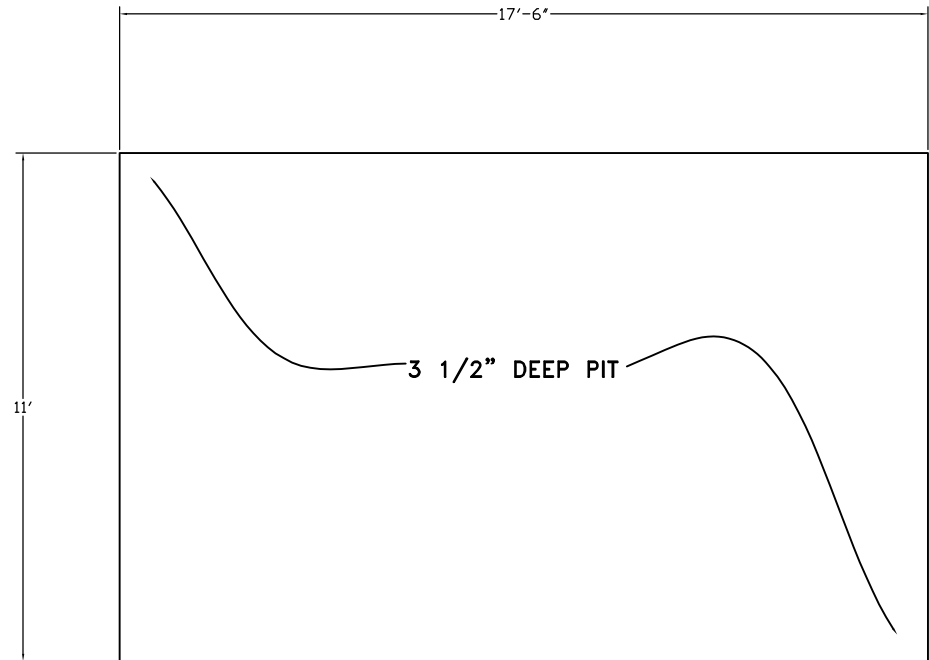
REVISION 4	
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REVISION 1	

# HAMILTON SAFE

## EXAMPLE VAULT DRAWING CLASS M - 6 SIDED

CLASS : M HEAVY WEIGHT 3' THK. PANELS  
 SIDES : 6  
 DOOR SWING : RIGHT (2,500 LBS.) SHOWN  
 ESTIMATED WEIGHT OF PANELS : 30,726 LBS.  
 DEALER :  
 DATE : 1-5-16  
 ORDER NUMBER :  
 DRAWING NUMBER : 16-002  
 SHEET NUMBER : 4 of 6

- 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 - PIT LAYOUT  
(BY OTHERS)

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 - 6 SIDED**

CLASS : M HEAVY WEIGHT 3' THK. PANELS  
 SIDES : 6  
 DOOR SWING : RIGHT (2,500 LBS.) SHOWN  
 ESTIMATED WEIGHT OF PANELS : 30,726 LBS.  
 DEALER :  
 DATE : 1-5-16  
 ORDER NUMBER :  
 DRAWING NUMBER : 16-002  
 SHEET NUMBER : 5 of 6

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)

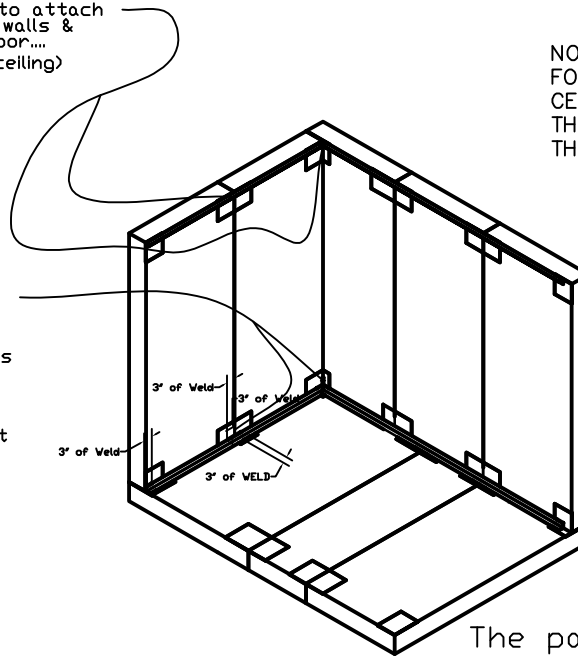
## CLASS M - ERECTION / WELDING SPECIFICATIONS USING ANGLE

CUT-AWAY VIEW OF A TYPICAL CORNER  
< CEILING NOT SHOWN FOR CLARITY >

2"x2"x1/8" Angle to attach  
ceiling panels to walls &  
wall panels to floor....  
(Typical floor & ceiling)

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

Wall panels  
should be  
attached to  
each other as  
well to the  
floor and  
ceiling panels.  
The weld joint  
is a "T".



The panels should be attached  
to each other  
& to the 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  
HAMILTON SAFE IS NOT RESPONSIBLE FOR THE COST OF OTHER ATTACHMENT ANGLES/  
MATERIALS OR COST OF ANY CALCULATIONS.**

REVISION 4	
REVISION 3	
REVISION 2	
REVISION 1	

**HAMILTON SAFE**

EXAMPLE VAULT DRAWING  
CLASS M - 6 SIDED

CLASS : M HEAVY WEIGHT 3" THK. PANELS  
SIDES : 6  
DOOR SWING : RIGHT (2,500 LBS.) SHOWN  
ESTIMATED WEIGHT OF PANELS : 30,726 LBS.  
DEALER :  
DATE : 1-5-16  
ORDER NUMBER :  
DRAWING NUMBER : 16-002  
SHEET NUMBER : 6 of 6

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)