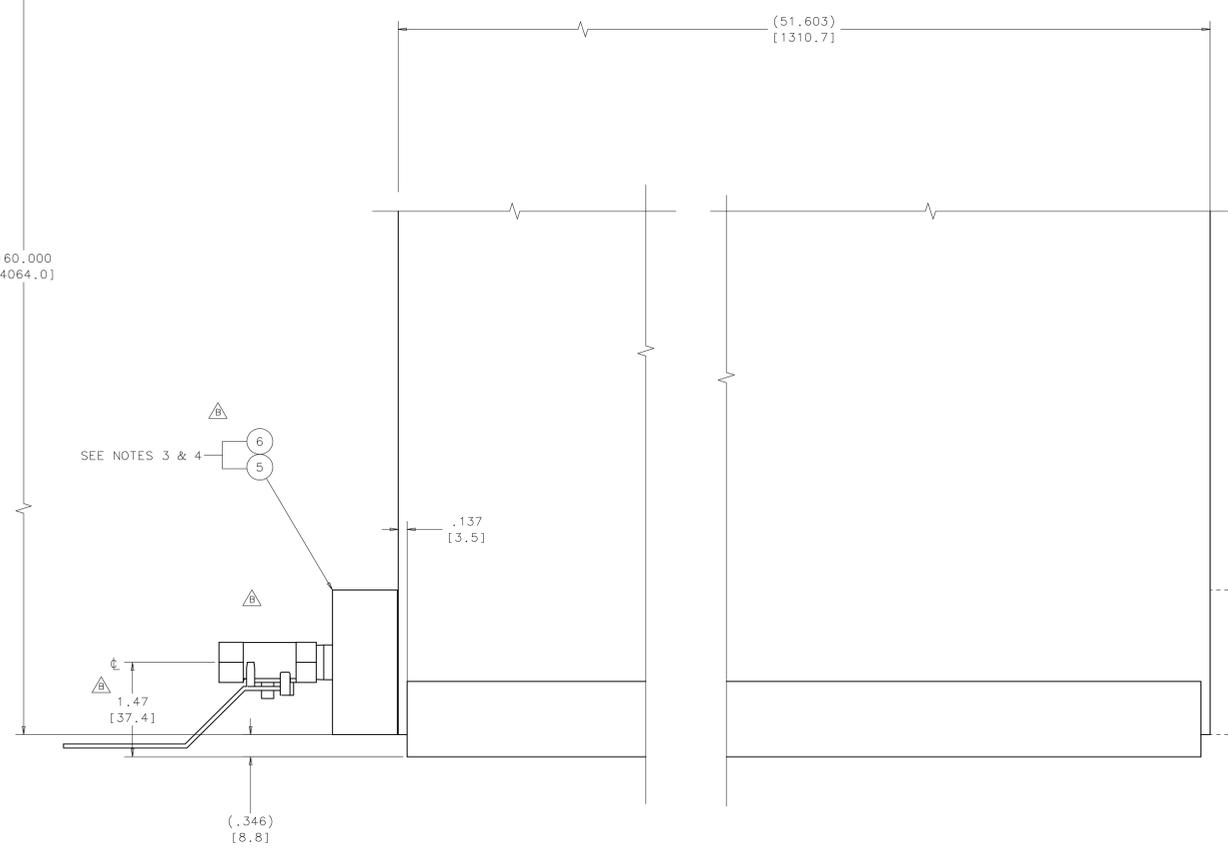
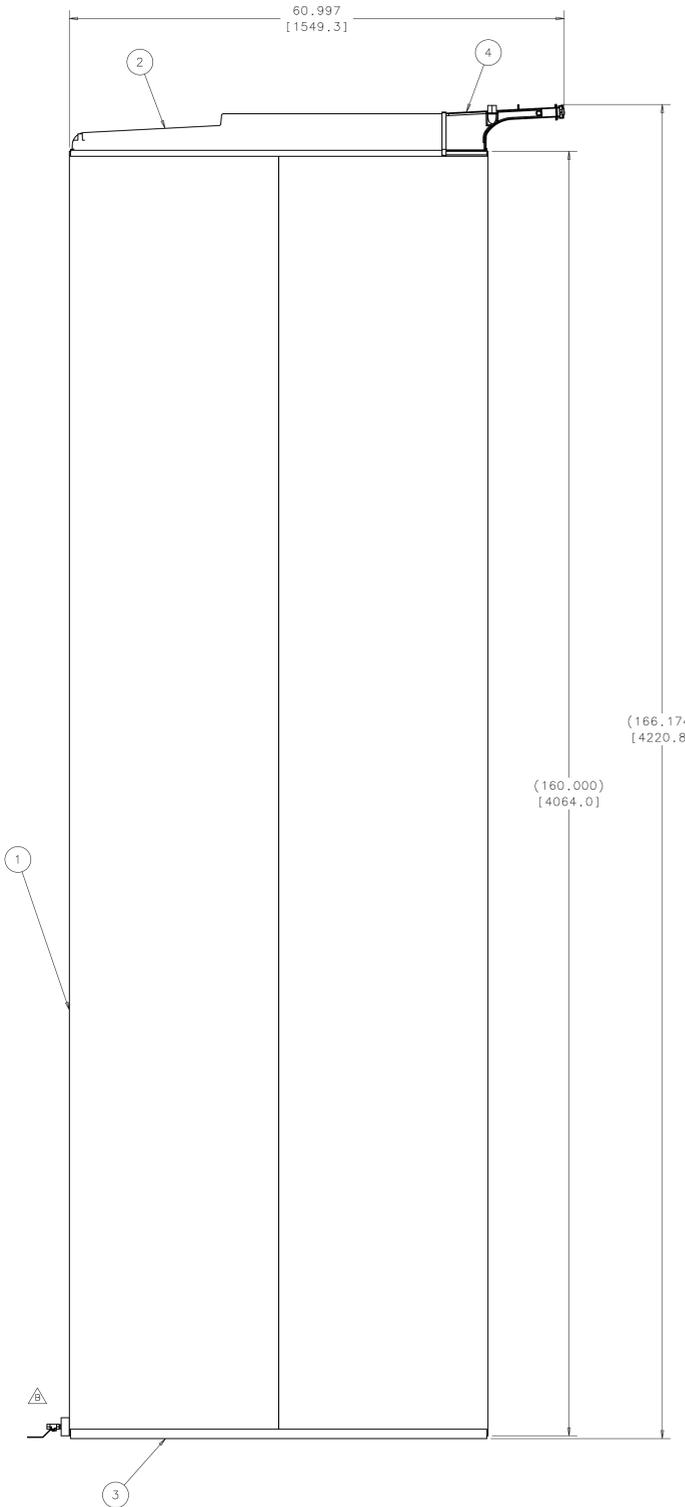
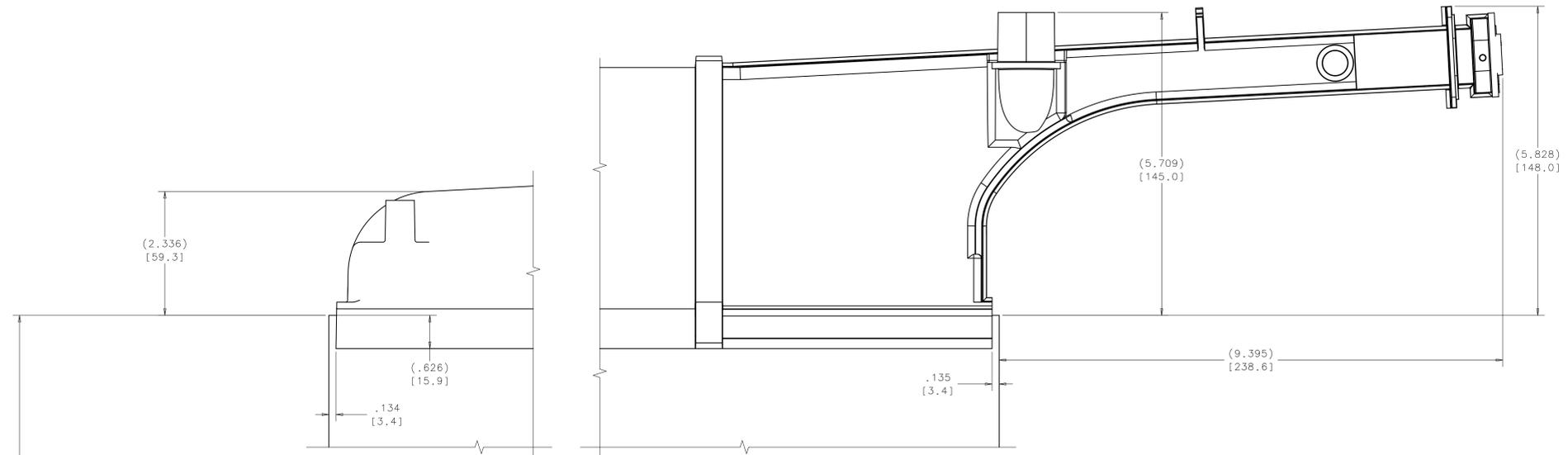
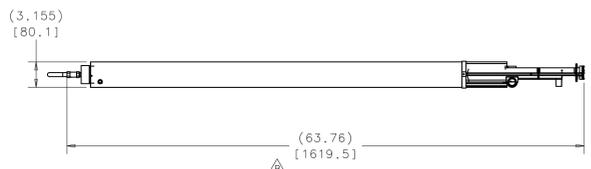


REV	DESCRIPTION	DRAWN APPROVED	DATE
A	CHG'D NOTE 1 WEIGHT FROM 168 LBS TO 257 LBS. UPDATED ITEMS #2 & 4 W/CURRENT VERSION	D.FRIEND GARY W. SMITH	21-SEP-2009 08-OCT-2009
B	ADDED DRAIN VALVE ASSY. ITEMS #5 & 6 IN D.O.W. AND NOTES 3 & 4. CHG'D WEIGHT FROM 257 LBS.	D.FRIEND	02-FEB-2010



ENLARGED CORNER VIEWS

- 4. THE DRAIN VALVE ASSEMBLY (ITEM #5) SHALL BE INSTALLED ON ONE HALF OF ALL UNITS AS SHOWN. THE REMAINING HALF TO BE ASSEMBLED SHALL HAVE THE DRAIN VALVE ASSEMBLY (ITEM #5) INSTALLED ON THE OPPOSITE SIDE OF THE EXTRUSION AS SHOWN IN AREA C2 OF THE DWG.
- 3. DRILL  $\phi$ .120 (MIN) TO  $\phi$ .144 (MAX) THRU WALL OF EXTRUSION PRIOR TO GLUEING ON THE DRAIN VALVE ASSEMBLY (ITEM #5).
- 2. ALL INTERNAL PIECE PARTS/SUB-ASSEMBLIES ARE AS PROVIDED BY THE UNIV. OF MINNESOTA.
- 1. ESTIMATED WEIGHT = 258 LBS.

NOTES:

ITEM	PART NO.	DESCRIPTION OR SIZE	QTY.
6	DEVCON PLASTIC WELDER 80 ADHESIVE .012 - .015" THK	AS REQ'D	
5	MC-466668	DRAIN VALVE ASSEMBLY	1
4		SNOUT ASSY--SEE NOTE 2	1
3		BOTTOM SEAL--SEE NOTE 2	1
2		MANIFOLD--SEE NOTE 2	1
1	MD-444816	16 CELL VERTICAL EXTRUSIONS GLUED	1

PARTS LIST			
UNLESS OTHERWISE SPECIFIED	ORIGINATOR	V. GUARINO	18-DEC-2007
.XX	.XX	ANGLES	D.FRIEND
±	±	±	G.SMITH
1. BREAK ALL SHARP EDGES	APPROVED	P.LUKENS	08-JUL-2009
2. DO NOT SCALE DRAWING.	USED ON	ME-444096 & ME-444583	
3. DIMENSIONS BASED UPON ASME Y14.5M-1994	MATERIAL	SEE PARTS LIST ABOVE	
4. MAX. ALL MACH. SURFACES			
5. DRAWING UNITS: U.S. INCH			

**FERMI NATIONAL ACCELERATOR LABORATORY**  
UNITED STATES DEPARTMENT OF ENERGY

NOVA-DETECTOR\_PROTOTYPE  
IPND PVC MODULES  
VERTICAL MODULE ASSEMBLY

SCALE 1/8" & 1/4"	DRAWING NUMBER 3929.000-ME-444094	SHEET 1 OF 1	REV B
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