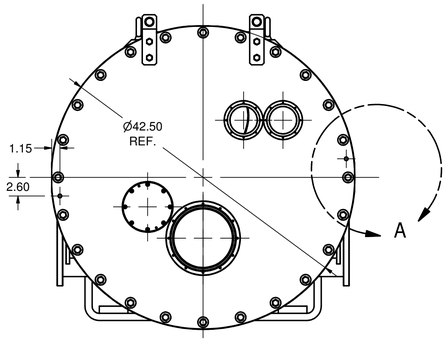
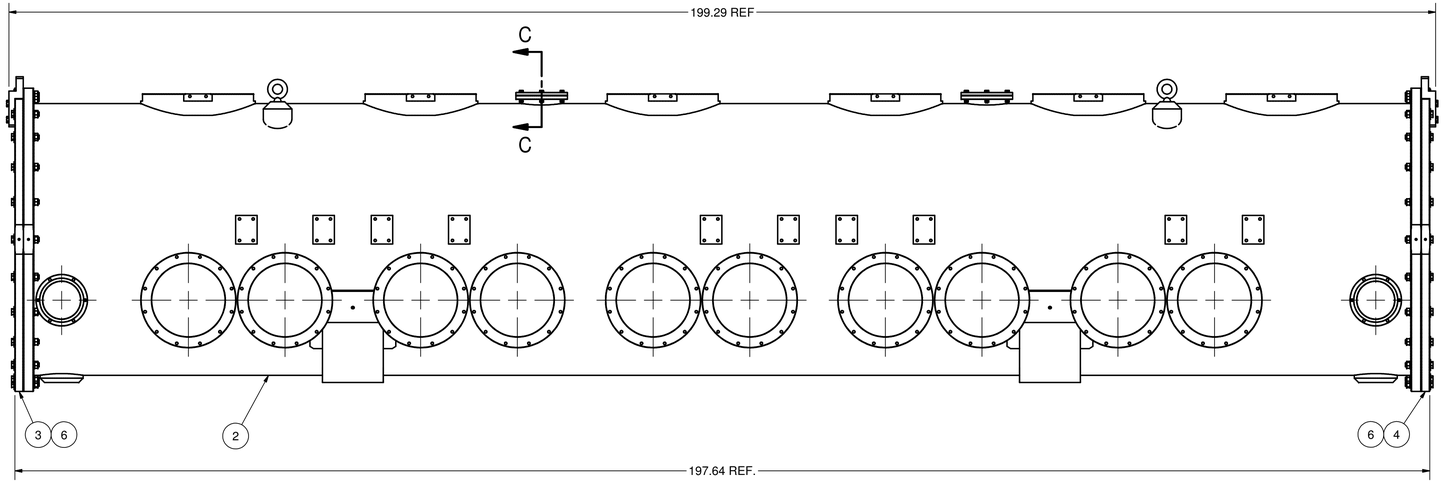
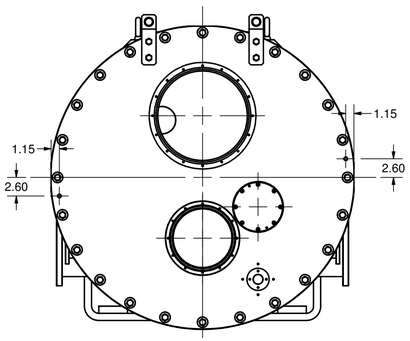
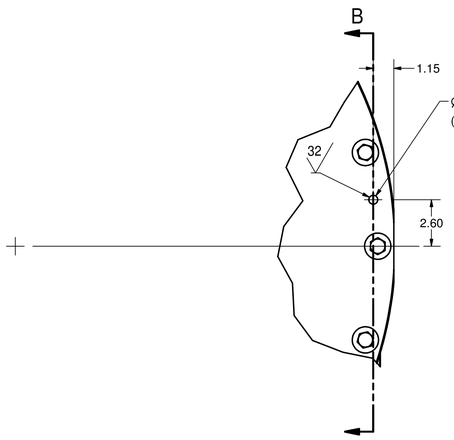
REVISIONS				
SYM.	ZONE	DESCRIPTION	DATE	APP.
A		PARTS ITEMS 11 THRU 16 ADDED.	6/11/07	VM
B		ADJUSTED TITLE BLOCK TOLS. AND ADDED MEYER TOOL NOTE. TMK	7/16/07	EPC

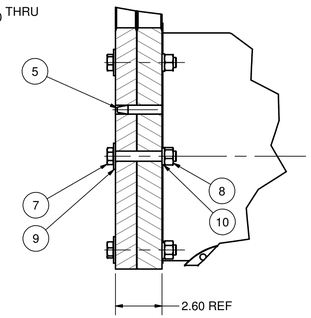








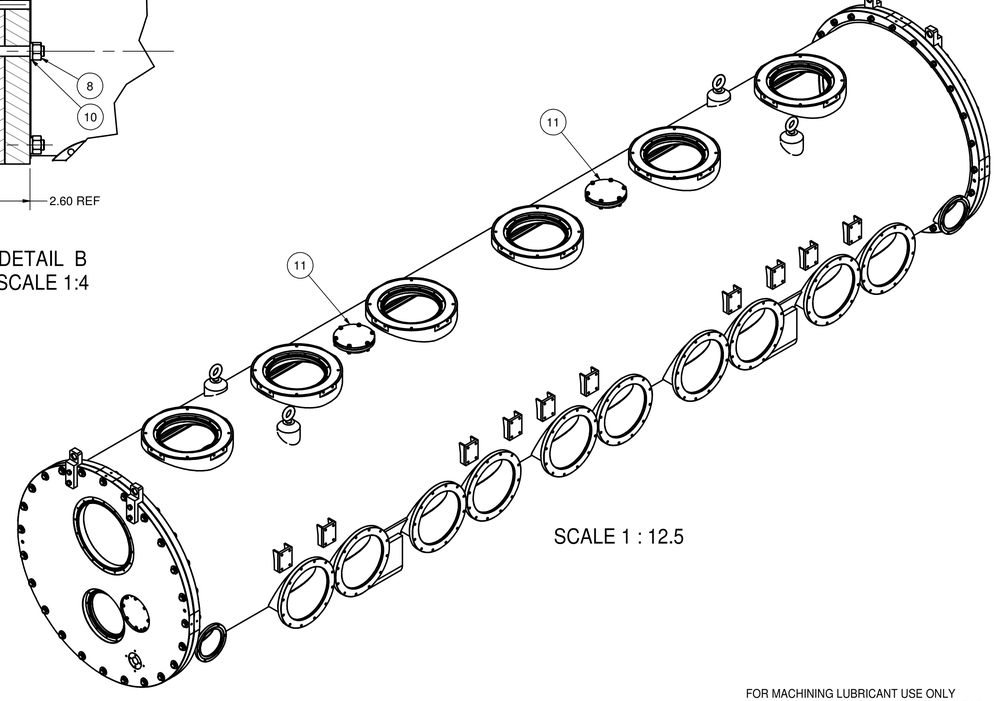
DETAIL A
SCALE 1: 4



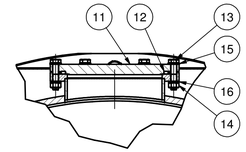
DETAIL B
SCALE 1:4

1 VACUUM VESSEL ASM.

FILE NAME: 7102-054
SHEET NO.: 1
DFT. SCALE: 1 : 10
MATERIAL:
QTY: 1
NOTES:



SCALE 1 : 12.5



SECTION C-C
SCALE 1:4

FOR MACHINING LUBRICANT USE ONLY
ALKALINE DETERGENT LUBRICANT CIMSTAR 40
OR EQUIVALENT APPROVED BY CORNELL LEPP

Release of final PO version for Meyer Tool - July 16, 2007

ITEM	DWG. NO.	DESCRIPTION	QUANTITY G1	G2	G3	REMARKS	REV.
16	PUR.	5/16 Spring Washer	12			St. Steel	
15	PUR.	5/16 Washer	12			St. Steel	
14	PUR.	5/16-24 Hex Nut	12			St. Steel	
13	PUR.	5/16-24 x 1.5 Hex Cap Screw	12			St. Steel	
12	PUR.	5.5 ID x 3/16 W (#357) O-RING	2				
11	7110-018, Item 5	GATE VALVE PORT BLANK	2				
10	PUR.	9/16 Helical Spring Lock Washer	48				
9	PUR.	9/16 Washer	48				
8	PUR.	9/16-18 Hex Nut	48				
7	PUR.	9/16-18 x 3-1/2 Hex Cap Screw	48				
6	7110-030, Item 10	38 ID x 1/4 W O-RING	2				
5	7110-030, Item 5	1/2" x 2-1/2"5 PIN MODIFICATION	4				
4	7110-005	VACUUM VESSEL BEAM EXIT WALL	1				
3	7110-004	VACUUM VESSEL BEAM ENTRANCE WALL	1				
2	7102-053	VACUUM VESSEL	1				
1	7102-054 (SH.1)	VACUUM VESSEL ASSEMBLY	X				

PRINT DISTR. CR1

PLOT DATE: 7/16/2007
CAD FILE NAME: 7102-054.idw

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES;
TOLERANCES ON:
0.0 ± 0.02
.00 ± .010
.000 ± .005
FRACTIONS ± 1/32
ANGLES ± 0.5°
ALL SURFACES

CORNELL UNIVERSITY LEPP
LABORATORY FOR ELEMENTARY-PARTICLE PHYSICS

CORNELL UNIVERSITY
Floyd R. Newman Laboratory
Ithaca, NY 14853

ERL INJECTOR CRYOMODULE
Vacuum Vessel Assembly
ASSEMBLY - PIN LOCATION

CHECKED BY: V.M.	DRAWN BY	DRAWN FOR	DATE	SCALE			
APPROVED BY: V.M.	RHE/Jo	M.Liepe	3/30/2007		D	7102-054 SH. NO. 1 OF 1	REV. B

D 7102-054 SH. NO. 1 OF 1 REV. B