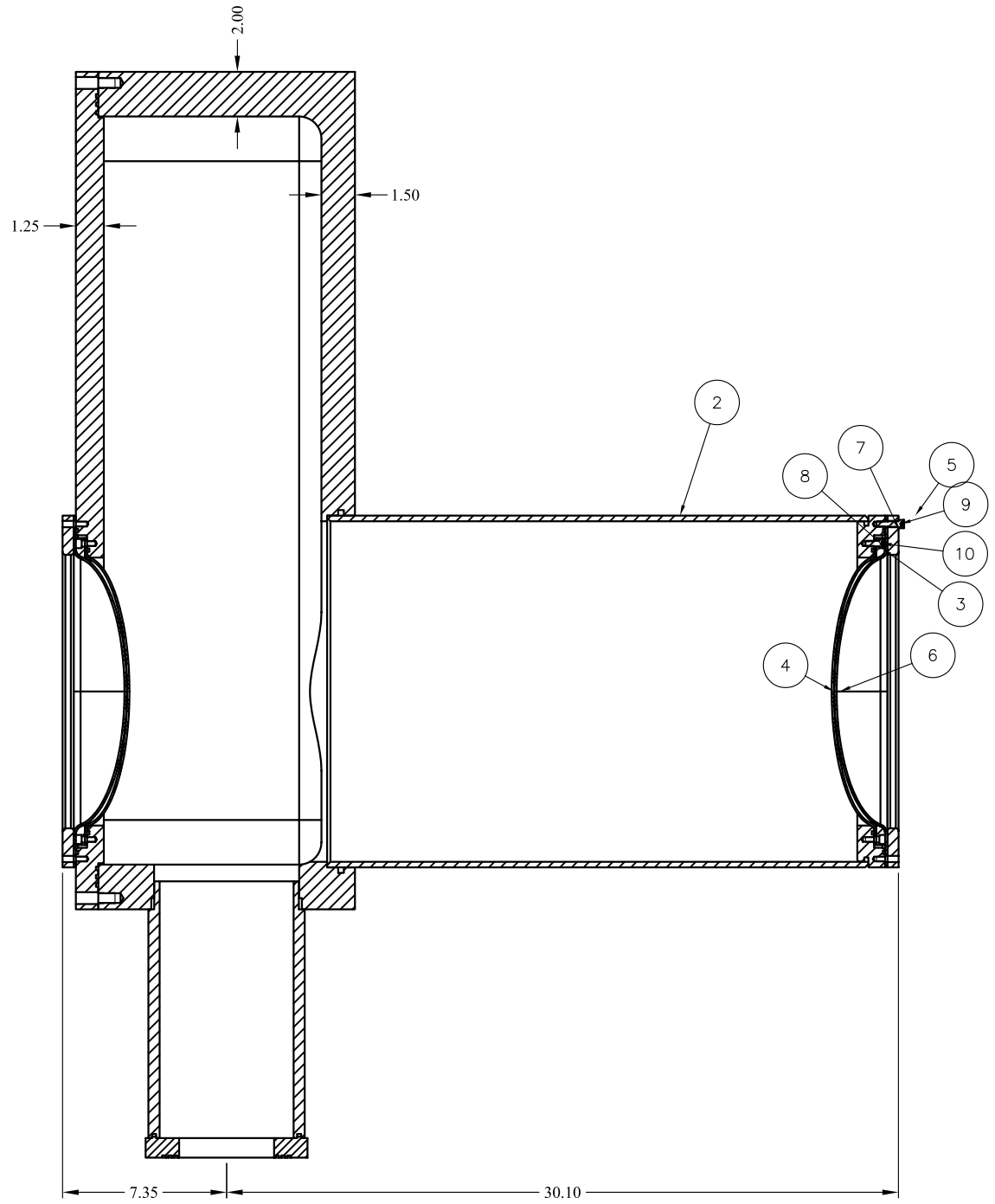

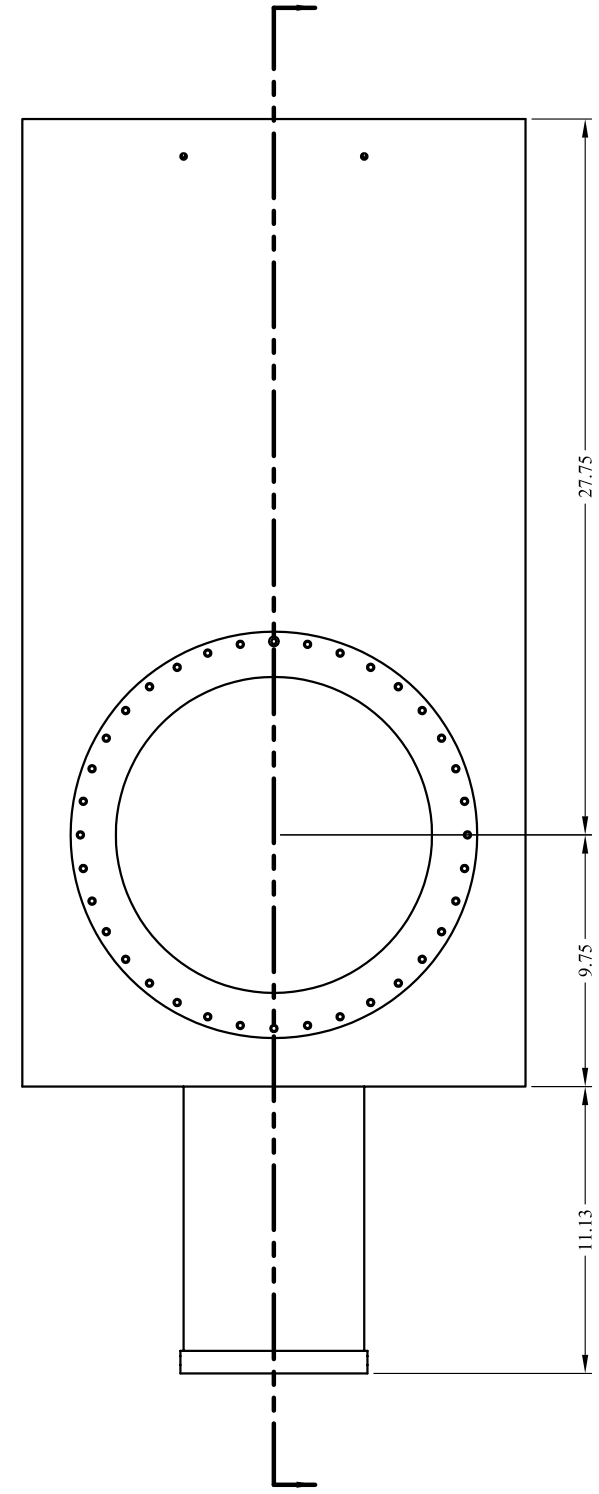

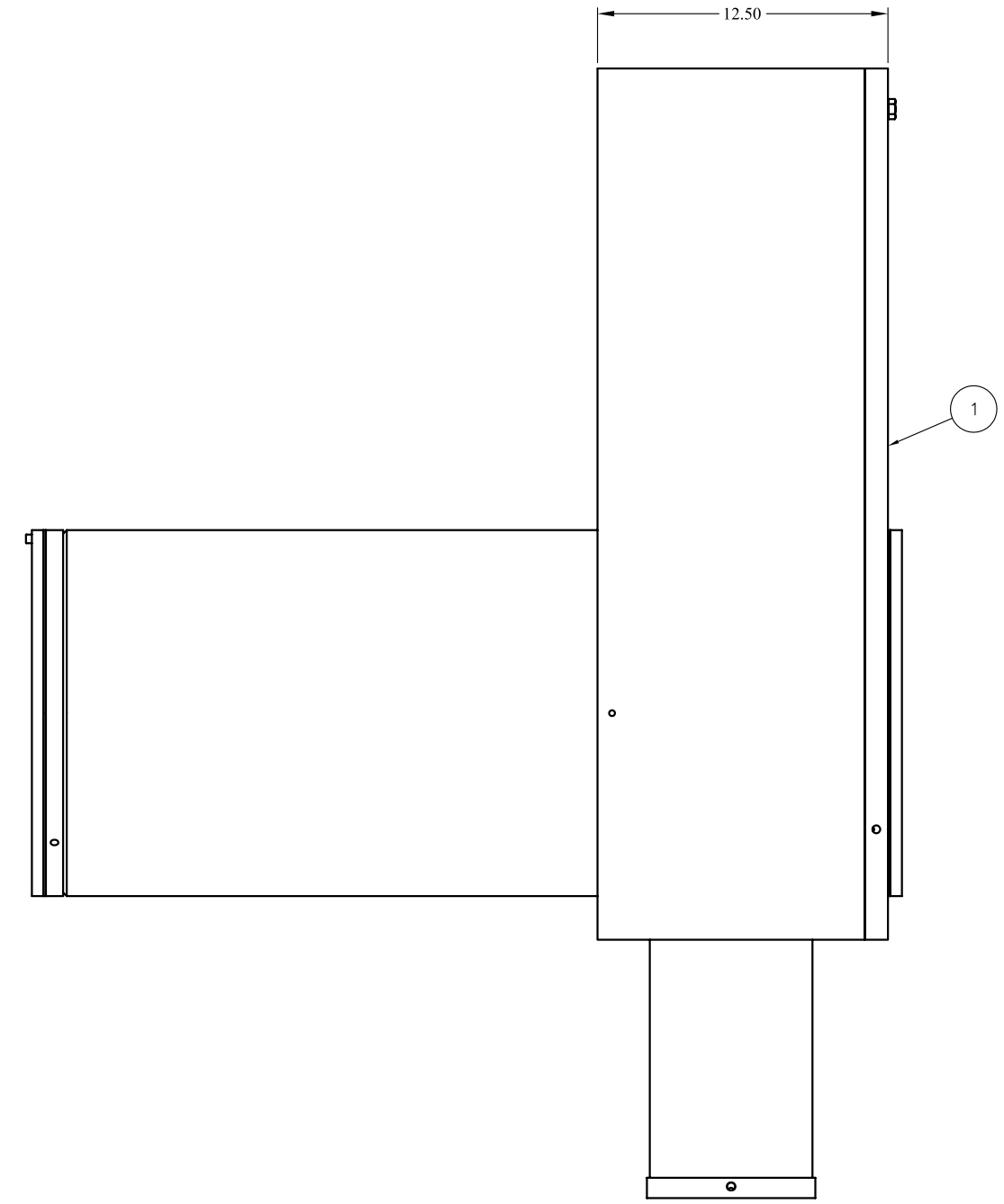

ITEM	QTY.	DESCRIPTION	MATERIAL	DWG. No.
11	54	HEX BOLT, 1/2–13 X 1.75	304 S.S.	
10	72	SKT HD SCR, 1/4–20 X 0.63	ALUM.	
9	72	SKT HD SCR, 1/4–20 X 1.0	ALUM.	
8	2	1/8"C.S.X12.50" I.D. O–RING	BUNA–N	
7	2	1/8"C.S.X14.25" I.D. O–RING	BUNA–N	
6	2	SPUN OUTER DOME	Titanium	SNEUT–E–111–003
5	2	15.75 O.D. X 0.50 PLATE	ALUMINUM	SNEUT–E–111–004
4	2	SPUN INNER DOME	Ti GR. 2	SNEUT–E–111–002
3	2	13.75 O.D. X 0.50 PLATE	6061–T6	SNEUT–E–111–001
2	1	WELDED VESSEL	5083 AL	SNEUT–E–112–007
1	1	37.5 X 19.5 X 1.25 PLATE	ALUMINUM	SNEUT–E–111–024

UNLESS OTHERWISE SPECIFIED
BREAK ALL EDGES .015 CHAMFER

	NAME	DATE
DRAWN	WRF	7-2-02
CHECKED		
APPROVED		

IUCF
2401 MILO B. SAMPSON LANE
BLOOMINGTON, IN 47408-1398
812-855-9365
812-855-6645 FAX

TOLERANCES:
DIMENSIONAL
.X ± .06
.XX ± .02
.XXX ± .005
.XXXX ± .001
ANGULAR ± 1/2°

REQ'D: 1 EA.
SCALE 1:4

TITLE
BOX VACUUM VESSEL ASSEMBLY, SLOW NEUTRON TARGET

MATERIAL:
NUMBER: SNEUT-E-112-002
REV
SHT. 1 OF 1
SIZE: D

FULL PATHNAME: G:\users\lh2target\box vessel\box vessel.dwg