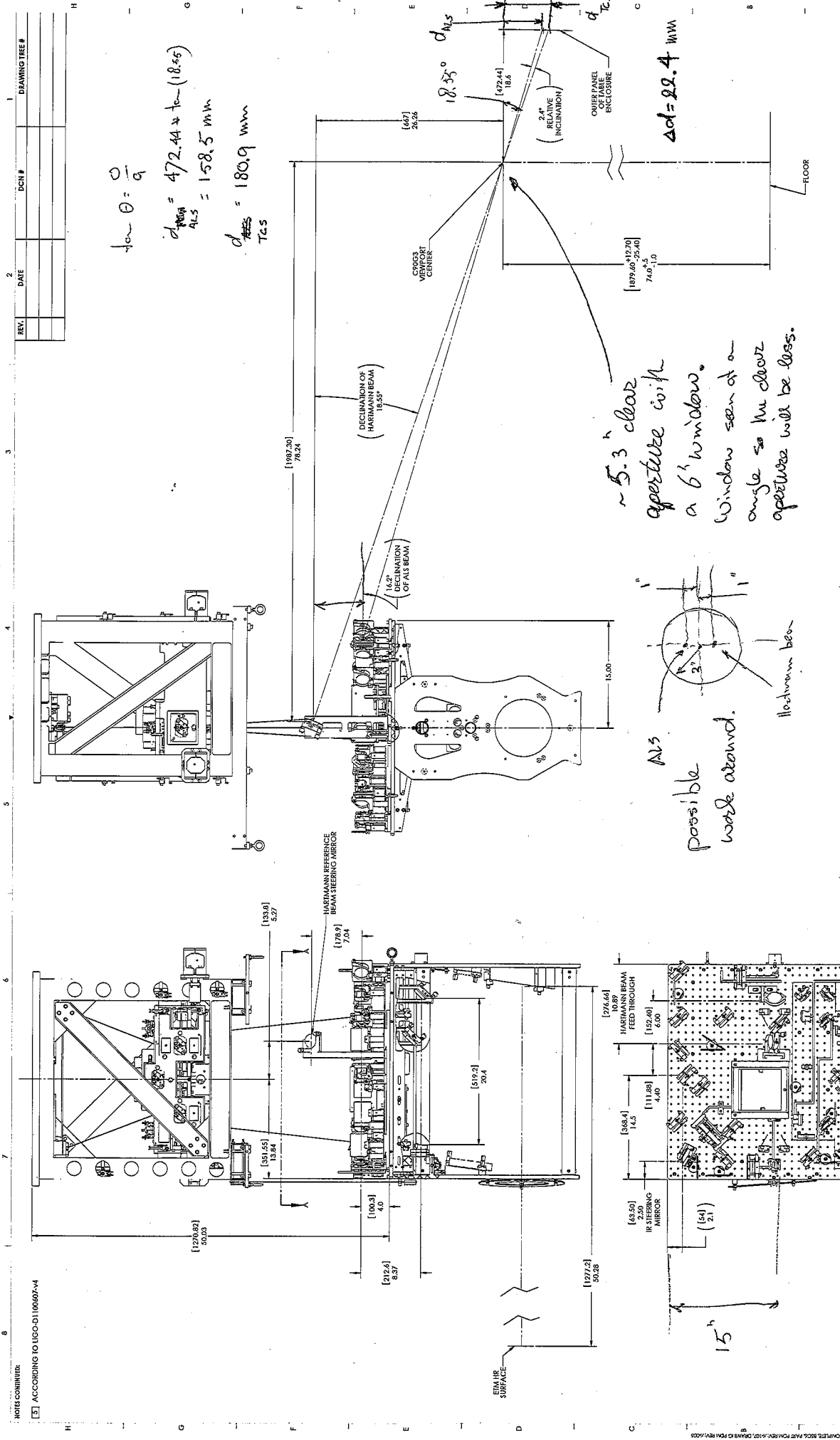
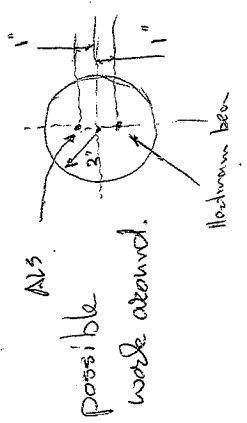


160 vs 180
BSC6



$\tan \theta = \frac{0}{9}$
 $d_{HBM} = 472.44 \times \tan(18.35)$
 $d_{ALS} = 158.5 \text{ mm}$
 $d_{AZS} = 180.9 \text{ mm}$
 TCS

$\Delta d = 22.4 \text{ mm}$
 ~5.3" clear aperture with a 6" window. Window seen at an angle so the clear aperture will be less.

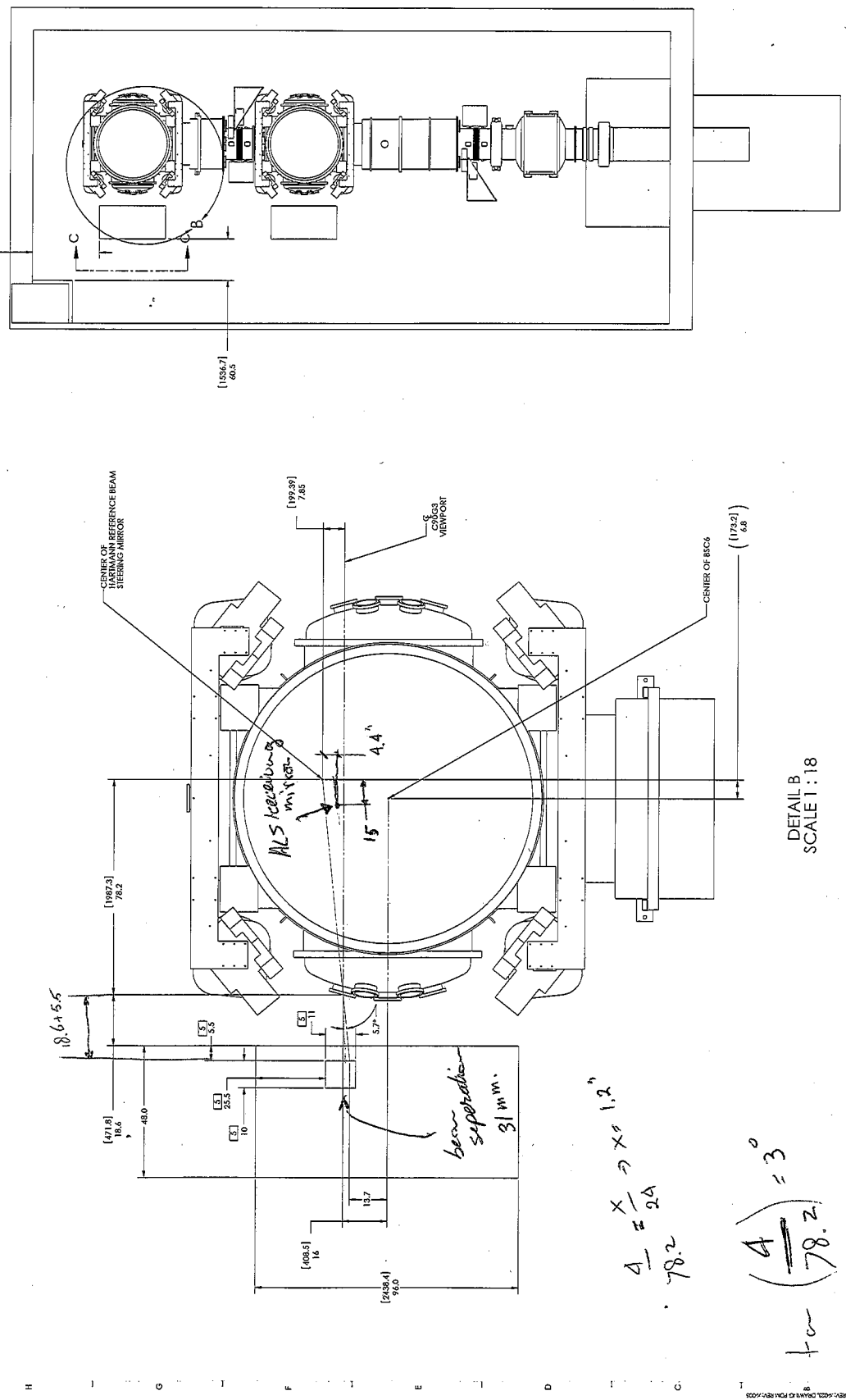


REV.	DATE	DCN #	DRAWING TITLE #

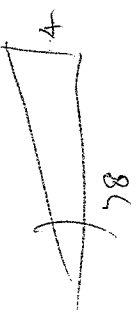
PART NAME		FAIR NAME	
ETM TEL ASSY, FULL COMPLETE, BSC6		ETM TEL ASSY, FULL COMPLETE, BSC6	
REGION	E CAN02	DATE	12.23.2011
DRAWER	E CAN02	TIME	2:40:33
CHECKER	A. BOGGS	SCALE	D
APPROVAL	A. BOGGS	SCALE 1:1.2	PROJECTION
NEXT ASSY		D0900512	
MATERIAL		N/A	
FINISH		N/A	
JUNCH		N/A	
DIMENSIONS ARE IN INCHES (MM)		DIMENSIONS ARE IN INCHES (MM)	
TOLERANCES:		TOLERANCES:	
XXX		XXX	
XXX		XXX	
ANGULARITY		ANGULARITY	
SECTION A-A		SECTION A-A	
SCALE 1:6		SCALE 1:6	

14.50
 4.40
 10.80
 30.00"

$$\frac{18.6}{8.5} = 2.11$$



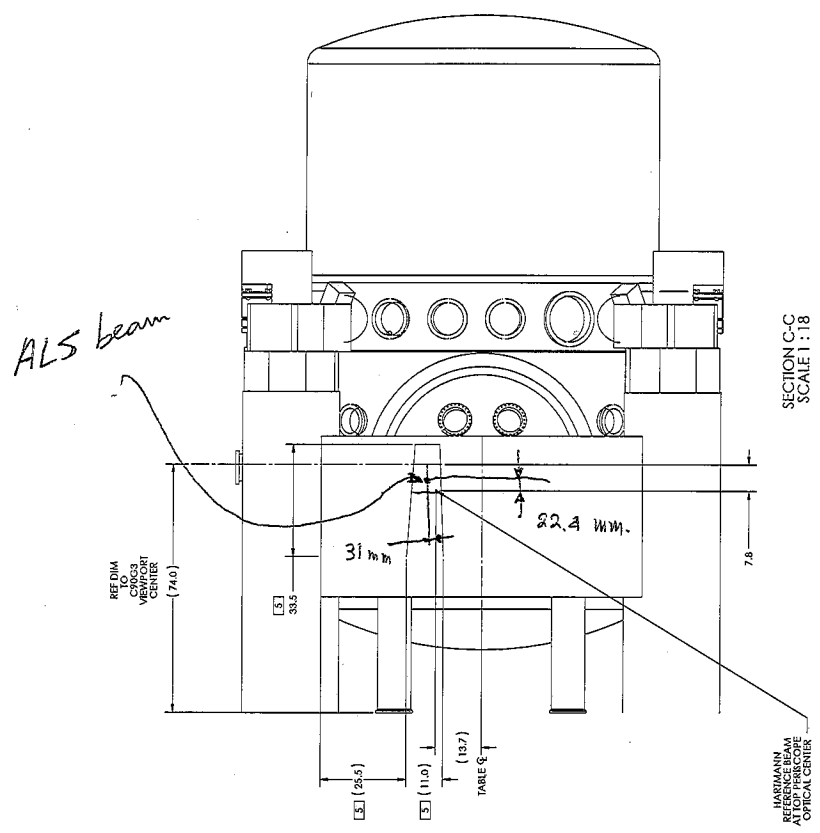
DETAIL B
SCALE 1:18



$$\frac{4}{78.2} = \frac{x}{24} \rightarrow x = 1.2$$

$$\tan\left(\frac{4}{78.2}\right) = 3^\circ$$

SCALE 1:72



ALS injection beam is 22.4 mm above
 and 31 mm further away (w.r.t. LUFA) than
 the AR reflected TCs beam.
 Assumed ~~the~~ both beam are going through the
 center of the viewport.