

FRONT END ORIGIN  
(DTL ENDWALL AND  
CENTER OF FIRST  
QUADRUPOLE MAGNET)

FES [r,s,t] = (0,0,0)

IS/LEBT/RFQ ORIGIN  
(BEGINNING OF  
MODULATIONS)

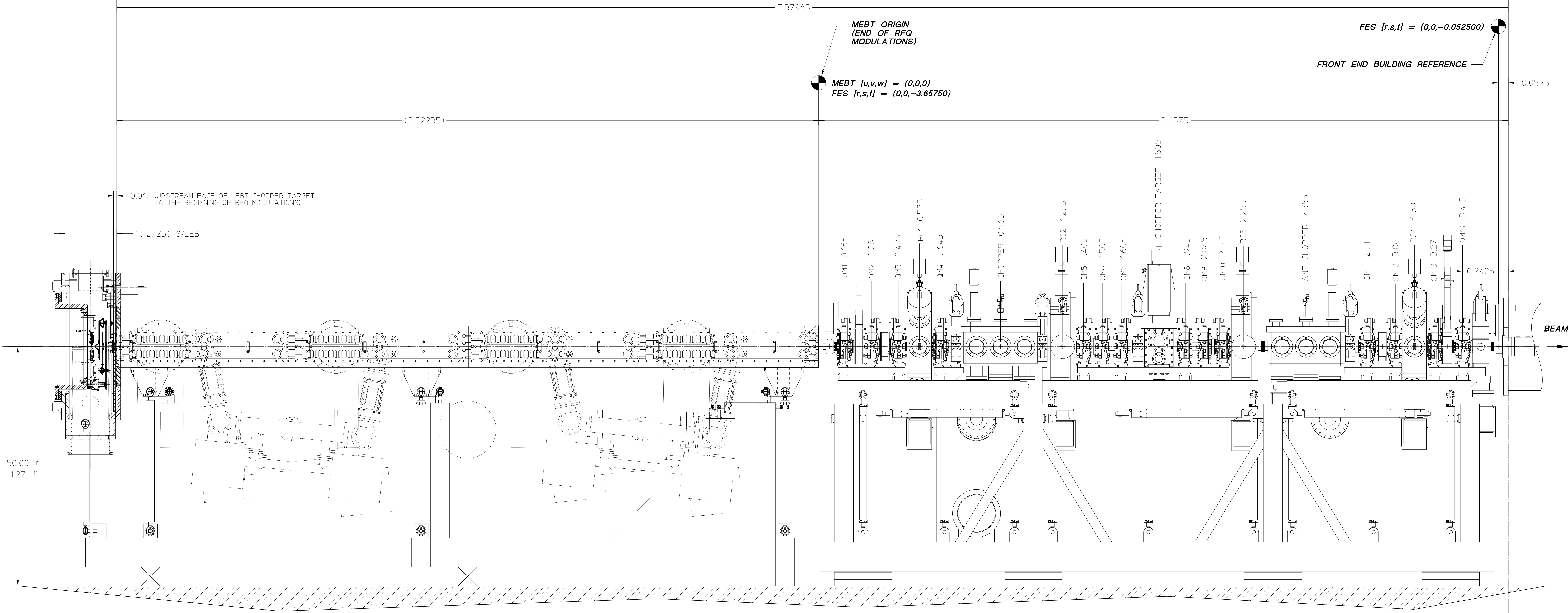
IS/LEBT/RFQ [u,v,w] = (0,0,0)  
FES [r,s,t] = (0,0,-7.379850)

MEBT ORIGIN  
(END OF RFQ  
MODULATIONS)

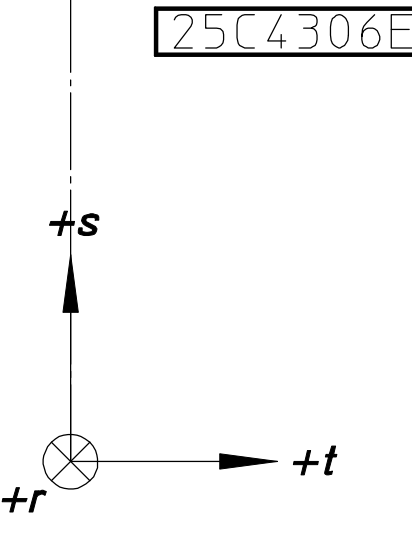
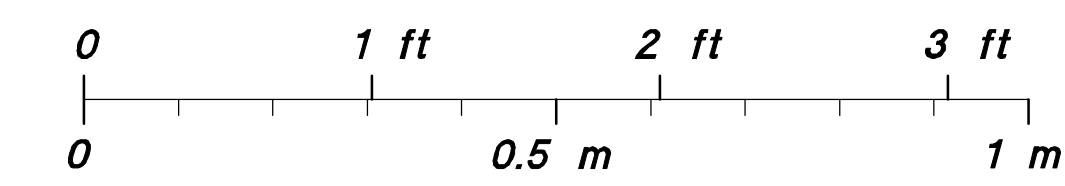
MEBT [u,v,w] = (0,0,0)  
FES [r,s,t] = (0,0,-3.65750)

FES [r,s,t] = (0,0,-0.052500)

FRONT END BUILDING REFERENCE



NOTE: DIMENSIONS ARE IN METERS



SNS ID 103000000-M8E-8100-A001 Rev.000

UNLESS OTHERWISE SPECIFIED		SHOP ORDERS		LAWRENCE BERKELEY LABORATORY	
CS	X ± .1	FRAC.	± 1/64	ACCT. NO.	SERIAL NO.
XX	± .01	ANGLES	± 1°	DATE ISSUED	DATE RECD
XXIX	± .001	FINISH	125,7	DELIVER TO	
THREADS ARE CLASS 2		CHAMFER ENDS OF ALL SCREW THREADS 30°		SURFACE TREATMENT	
CUT 1.5 PITCH THRD RELIEF WITH ROUND NISE TOOL ON MACHINED CUT THREADS		BREAK EDGES .016 MAX. ON MACHINED WORK		REMOVE BURRS WELD SPLATTER & LOOSE SCALE	
REFERENCES: ANS1 Y14.5 & B46.1		CHK. R. DIGENNARO		DATE 00-00-00	
PATENT CLEAR		DWG. TYPE		SHOWN ON	
ASSEMBLY		SCALE		1:8	
CATEGORY CODE		FE3000		SIZE	
25B4306		REV		E	