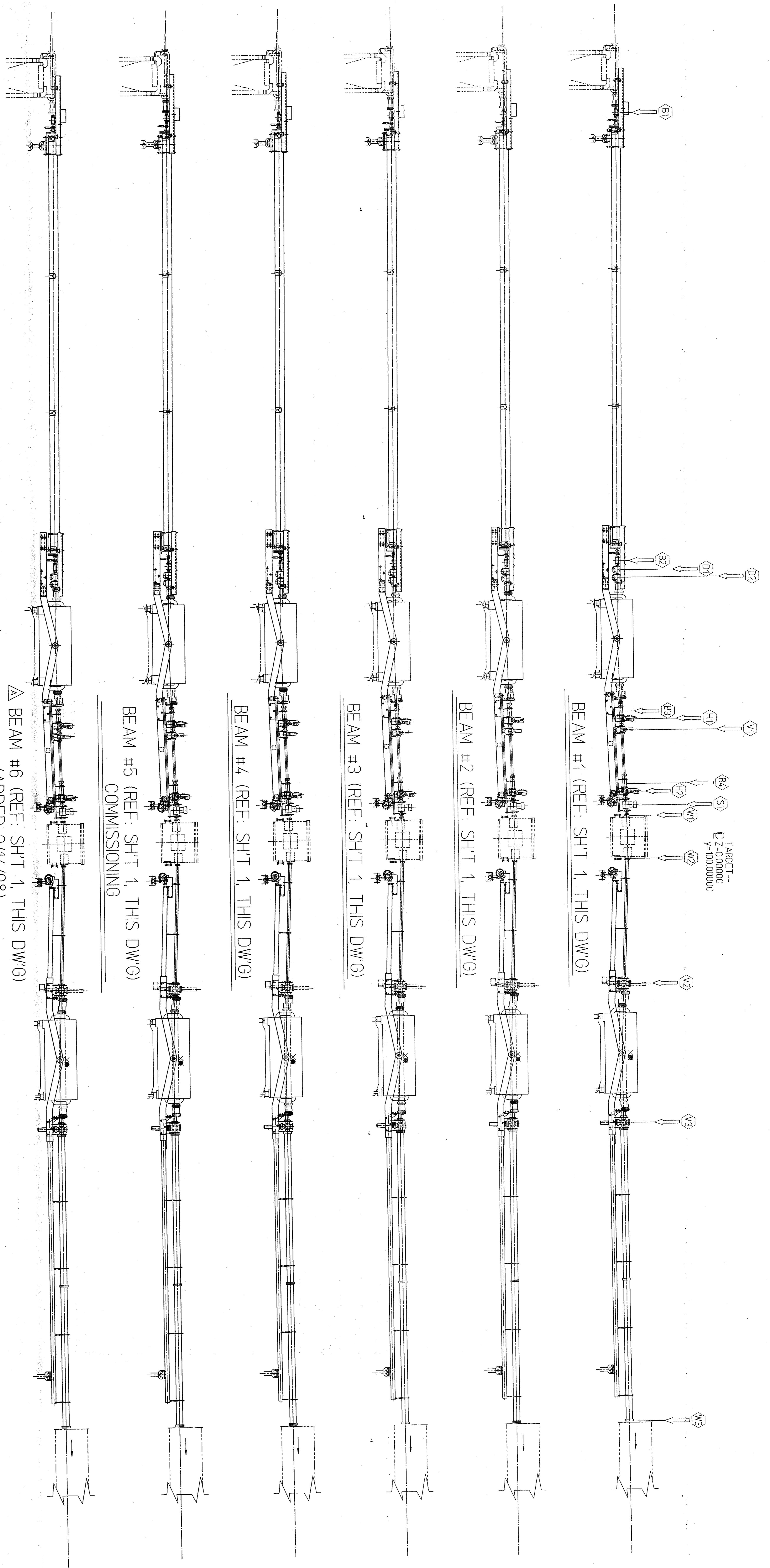


Z →  
 Z+ →

TARGET--  
 X=0.00000  
 Y=+00.000000



BEAM & ENERGY	ELEMENT DESIGNATION--(SEE ID'S ASSIGNED ABOVE)																
	B1	B2	D1	D2	BZ1	B3	H1	V1	B4	H2	S1	Q1 W1	Q1 W2	V2	BZ2	V3	Q1 W3
#1 2.774 GeV	99.97109	99.83828	99.83862	99.83941	99.88319	99.88319	99.89036	99.90081	99.95087	99.95804	99.97097	99.98087	99.98106	99.86453	99.80970	99.85320	
	Y=	-17.6242	-6.73242	-6.73242	-6.73242	-3.07207	-2.88539	-2.61295	-1.31072	-1.12404	-0.78747	-0.52974	0.52523	3.55948	6.94189	14.22809	
	Z=	99.97544	99.87604	99.87407	99.87243	99.91080	99.91628	99.92425	99.96745	99.96793	99.97760	99.98536	99.98549	99.89651	99.84852	99.85527	
	Y=	-17.62425	-6.73248	-6.73248	-6.73248	-3.07182	-2.88479	-2.61287	-1.30963	-1.12290	-0.78622	-0.52841	0.52377	3.55896	6.94182	14.22824	
	Z=	99.97485	99.86934	99.86934	99.86763	99.90737	99.91305	99.92182	99.96088	99.96064	99.97688	99.98472	99.98484	99.89801	99.84797	99.85770	
	Y=	-17.62524	-6.73250	-6.73250	-6.73250	-3.07158	-2.88485	-2.61294	-1.30975	-1.12302	-0.78636	-0.52855	0.52383	3.55902	6.94181	14.22917	
	Z=	99.97360	99.85836	99.85836	99.85607	99.89780	99.90406	99.91318	99.95687	99.95633	99.97442	99.98307	99.98322	99.89815	99.84758	99.85875	
	Y=	-17.62420	-6.73248	-6.73248	-6.73248	-3.07176	-2.88505	-2.61316	-1.31010	-1.12339	-0.78676	-0.52836	0.52440	3.55918	6.94188	14.22904	
	Z=	99.97308	99.85802	99.85878	99.85691	99.89980	99.90595	99.91490	99.95781	99.95695	99.97504	99.98352	99.98366	99.89875	99.84761	99.86972	
	Y=	-17.62423	-6.73249	-6.73249	-6.73249	-3.07172	-2.88501	-2.61312	-1.31003	-1.12331	-0.78668	-0.52890	0.52430	3.55915	6.94187	14.22918	
	Z=	99.97427	99.86940	99.86931	99.86937	99.90655	99.91172	99.92012	99.96041	99.96041	99.97659	99.98456	99.98470	99.89908	99.84761	99.86973	
	Y=	-17.60073	-6.73250	-6.73250	-6.73250	-3.07161	-2.88488	-2.61298	-1.30990	-1.12308	-0.78642	-0.52862	0.52400	3.55904	6.94181	14.22919	
	Z=	99.97498	99.86940	99.86940	99.86940	99.90655	99.91172	99.92012	99.96041	99.96041	99.97659	99.98456	99.98470	99.89908	99.84761	99.86973	

VALUES AS TABULATED ARE ON THE LONGITUDINAL CENTERS OF ELEMENTS AND THE OUTSIDE SURFACES OF WINDOWS ON THE BEAM LINE

KEY

	BPMs
	BENDING DIPOLES
	HARPS
	BEAM VIEWERS
	SEM
	WINDOWS

NOTES  
 THE DATA FOR THE ELEMENTS ON THE GRID BETWEEN BEAM #1 AND THE TARGET ARE DERIVED WITH THE GRID POSITIONED 6mm UPBEAM FROM THE 0/0 POSITION OF THE ADJUSTER CARTRIDGES AS DESIGNED AND INSTALLED.  
 THE WINDOW POSITIONS DATA AS SHOWN IS BASED ON THE DESIGNED LAYOUT POSITIONS. TUBE LENGTHS WERE CUSTOM FABRICATED IN THE FIELD. THEREFORE THIS DATA IS TO BE CONSIDERED AS AN APPROXIMATION!