

DATA:
 BEAM FROM TUNNEL--
 ENTRY ANGLE-- .07069up
 ENTRY BE MAGNET--y= 99.98434m
 CENTER BE MAGNET--y= 99.98496m
 VALUES--
 DIMENSIONS/DIMAD VALUES- METERS (UNLESS NOTED)
 ANGLES- DEGREES

BM #	ENERGY	y-bm ^m	PH0°
#1	2.332 GeV	6.75cm	2.636
#2	3.481 GeV	5.6326cm	2.194

DIAGRAM OF GEOMETRY AT TARGET

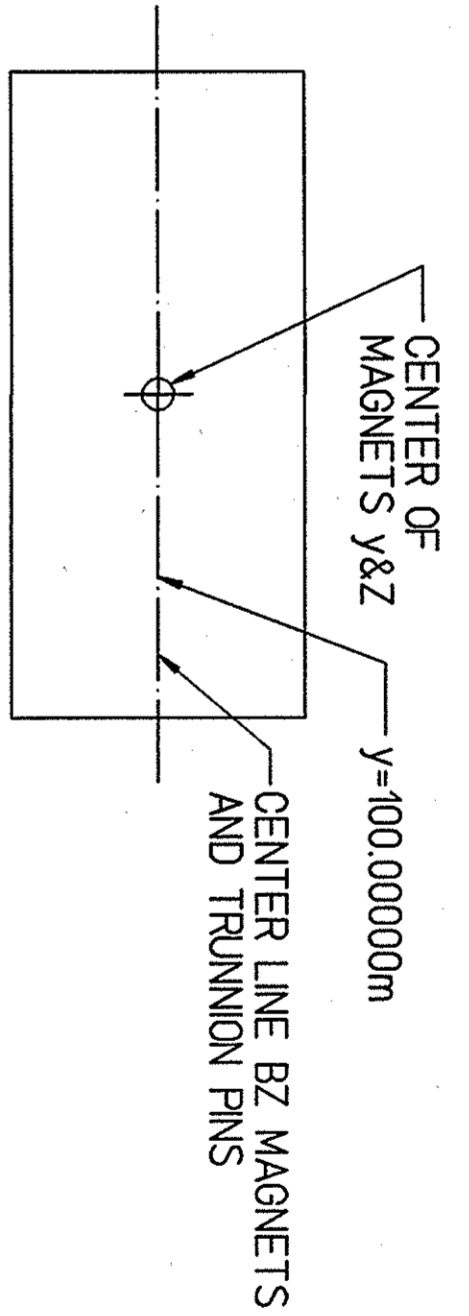
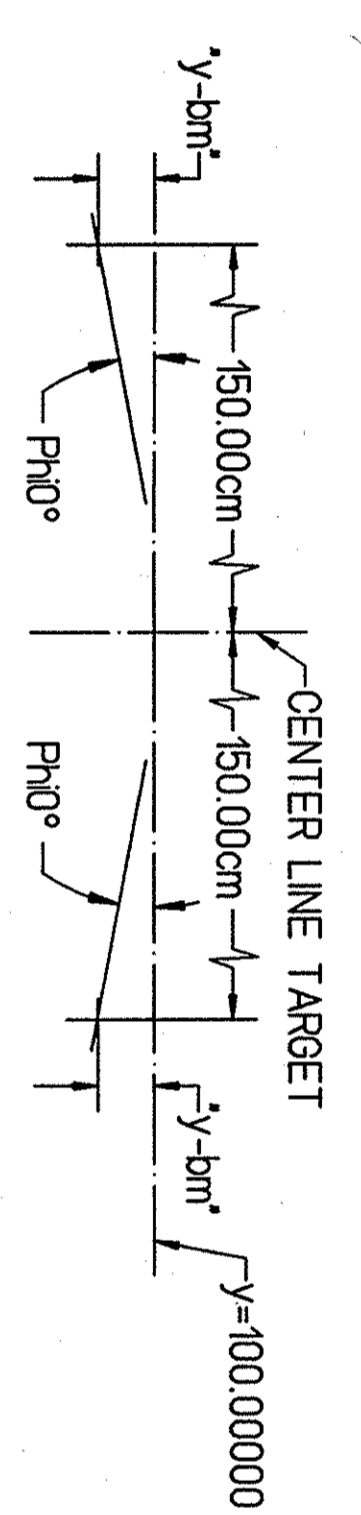
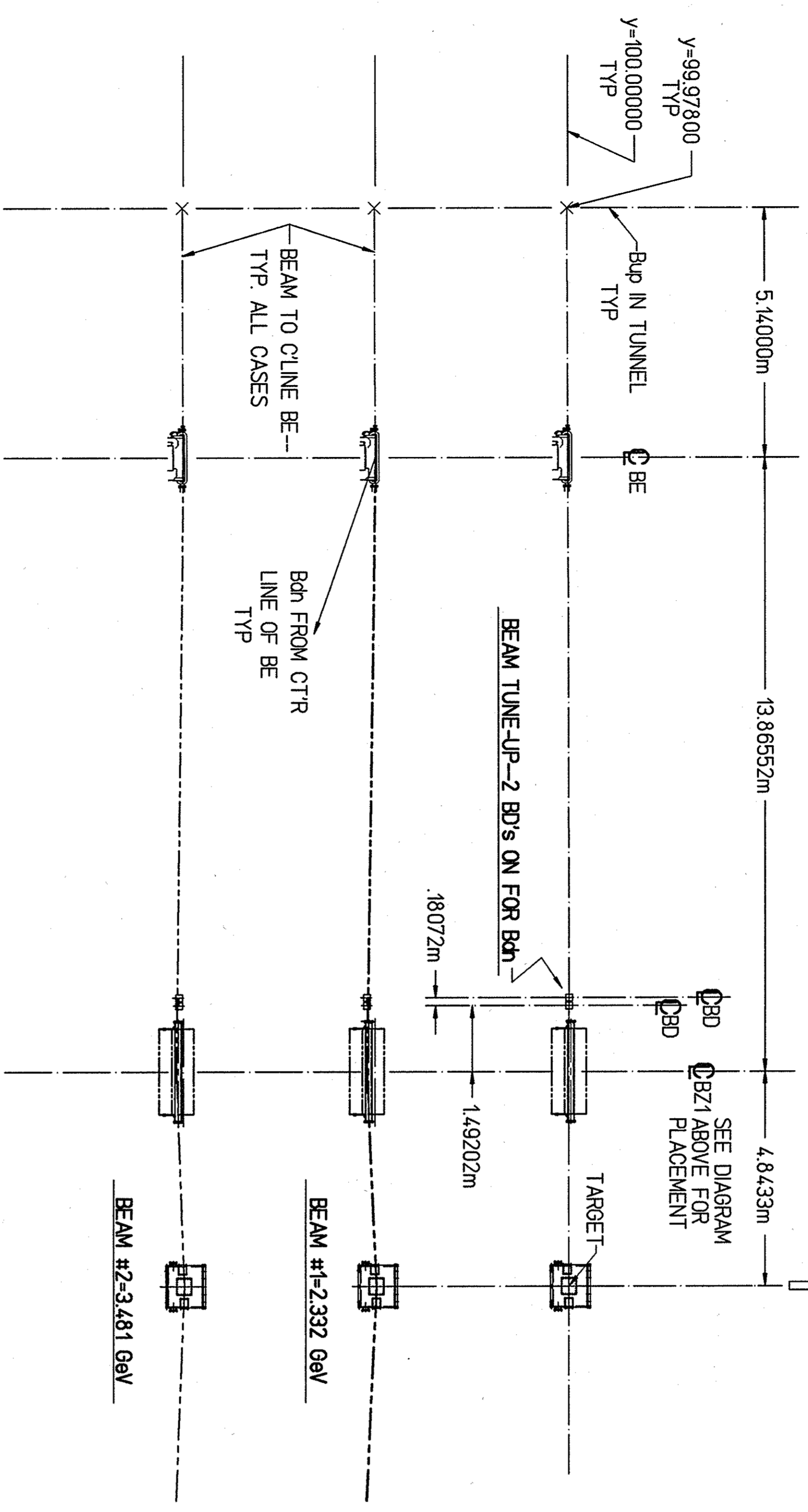


DIAGRAM FOR Y PLACEMENT OF BZ1 MAGNET FOR TUNE-UP BEAM



BEAM TRAVEL →

BEAM No. & ENERGY	ANGLE FROM TUNNEL	ANGLE EXIT BE to BZ1	y0 CENTER BZ1	BZ1 BEND ANGLE	TARGET PH0 IN--PH0 OUT (SEE DIAGR. ABOVE)
TUNE-UP BEAM	.07069up BE OFF	.07069up BD's ON	100.00000	BZ1 OFF	BEAM THRU
#1 2.332 GeV	.07069up BE ON	.853 dn BD's OFF	99.78710	3.489	THRU BD's
#2 3.481 GeV	.07069up BE ON	.700 dn BD's OFF	99.81561	2.894	THRU THIS TABLE

BEAM TRAVEL IS DEPICTED PROGRESSIVE →

THIS DRAWING IS PREPARED TO PROVIDE DATA FOR THE DESIGN OF THE MECHANICAL AND VACUUM SYSTEMS FOR THE GEN2 PROJECT. IT IS NOT INTENDED AS A DIMAD DOCUMENT FOR THE OPERATION OF THE ACCELERATOR.

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FINISH UNLESS NOTED OTHERWISE
 DEBUR & BREAK ALL SHARP EDGES
 DO NOT SCALE DRAWING

UNLESS NOTED OTHERWISE

CAAD I.D. NO. 28.4010113 Rev-
 APPROVALS
 DRAWN C. MURRAY
 DATE 3/30/01

THOMAS JEFFERSON NATIONAL ACCELERATOR FACILITY
 UNITED STATES DEPARTMENT OF ENERGY

BEAM TRANSPORT
 HALL C - GEN2 EXPERIMENT
 BEAM GEOMETRY
 DATA PREDICATING MECH. & VAC DESIGN

28.401-D-0113
 SHEET 1 OF 2

100%