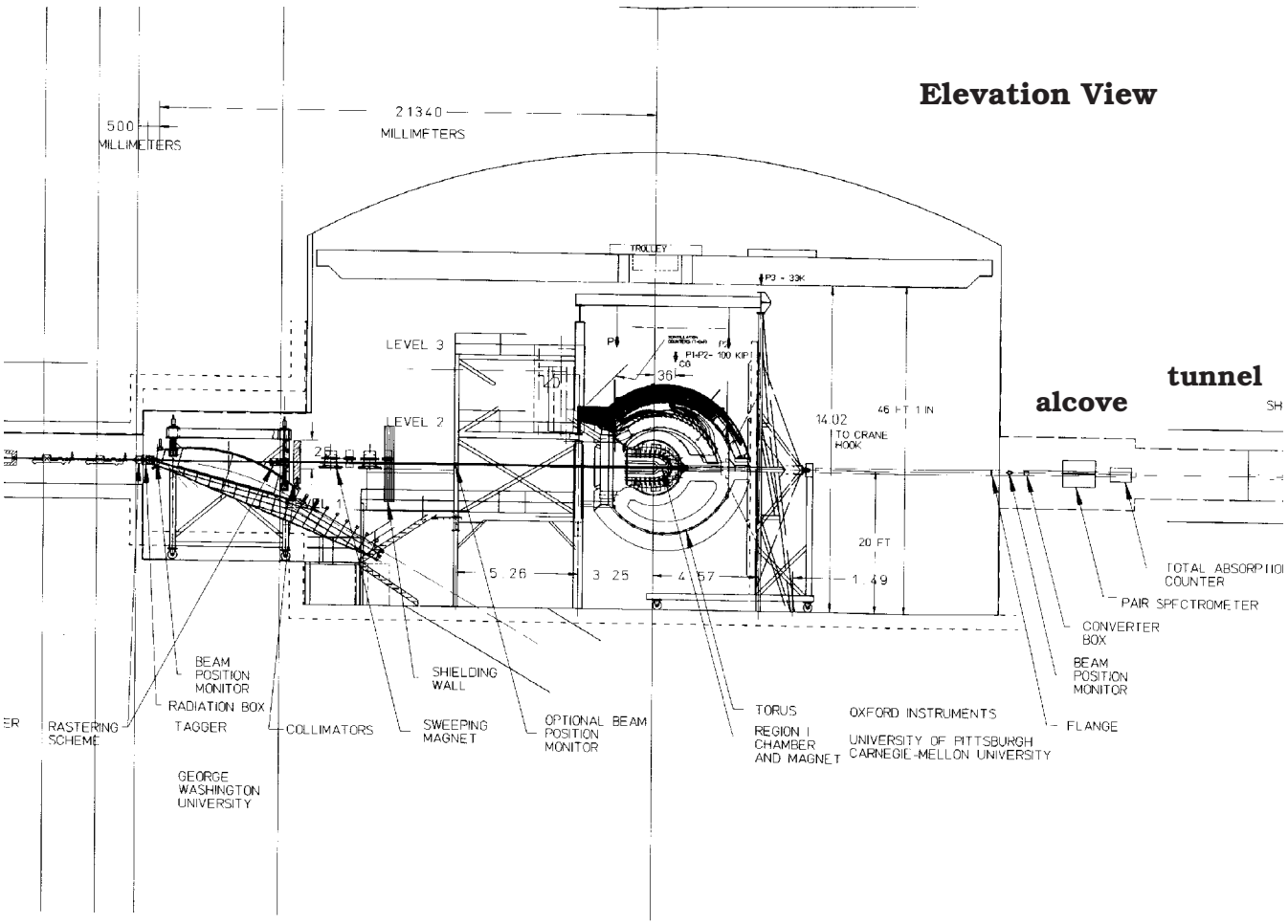


Figure 1: Note the beam is 20' above floor level in Hall B and the alcove floor is 15' above the Hall B floor. The beam is centered in the alcove (10' high and 16' wide) as well as the long tunnel (about 7' high by 7' wide) which is behind the 20' deep alcove. The plan is to move the pair spectrometer and total absorption counter, shown here in the alcove, inside the tunnel.

The structure shown downstream of CLAS moves downstream (on air pads) for installation or repair work on CLAS. It comes to within a few feet of the alcove in its extreme "out" position. The polar 20 T crane in Hall B comes within 5' of the back wall of the Hall.

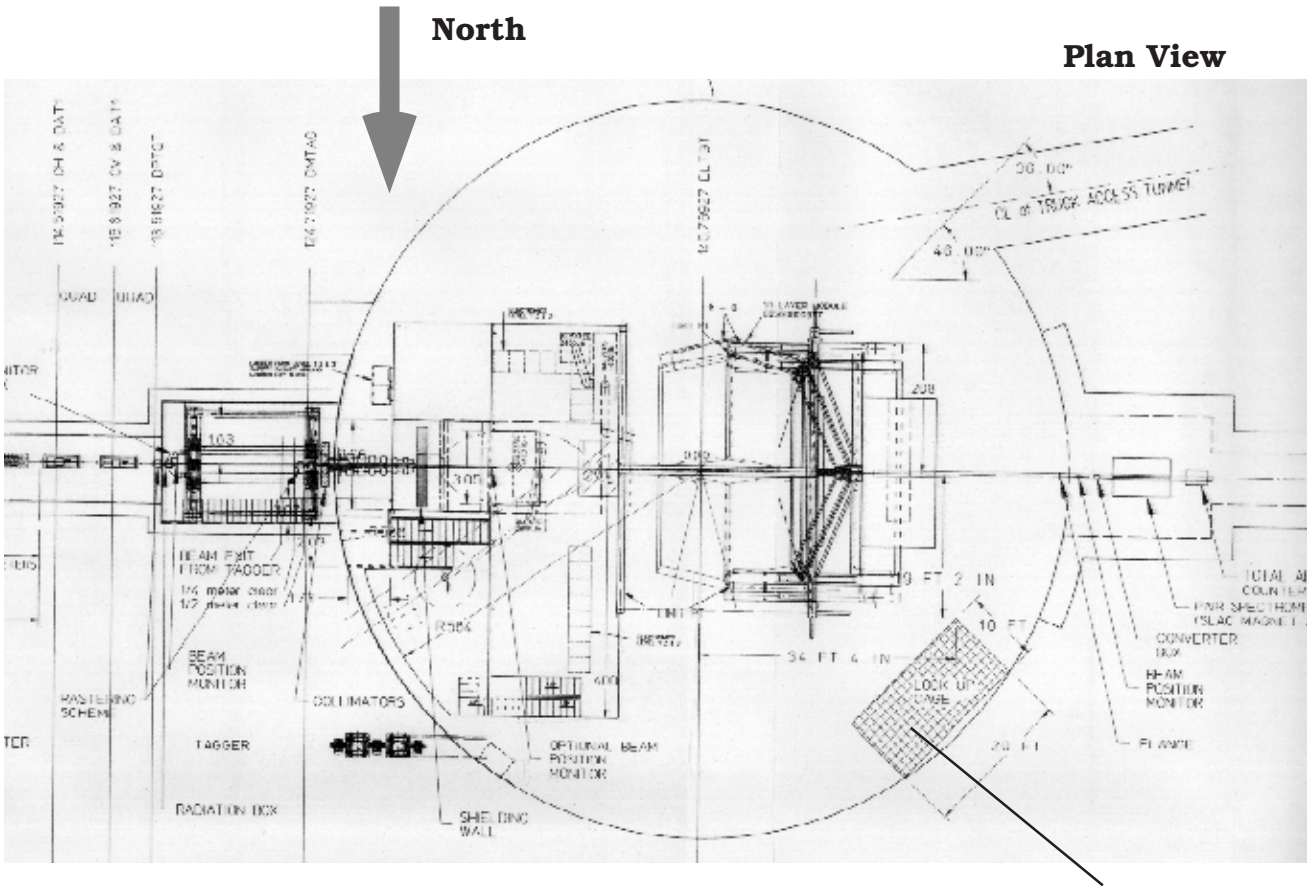
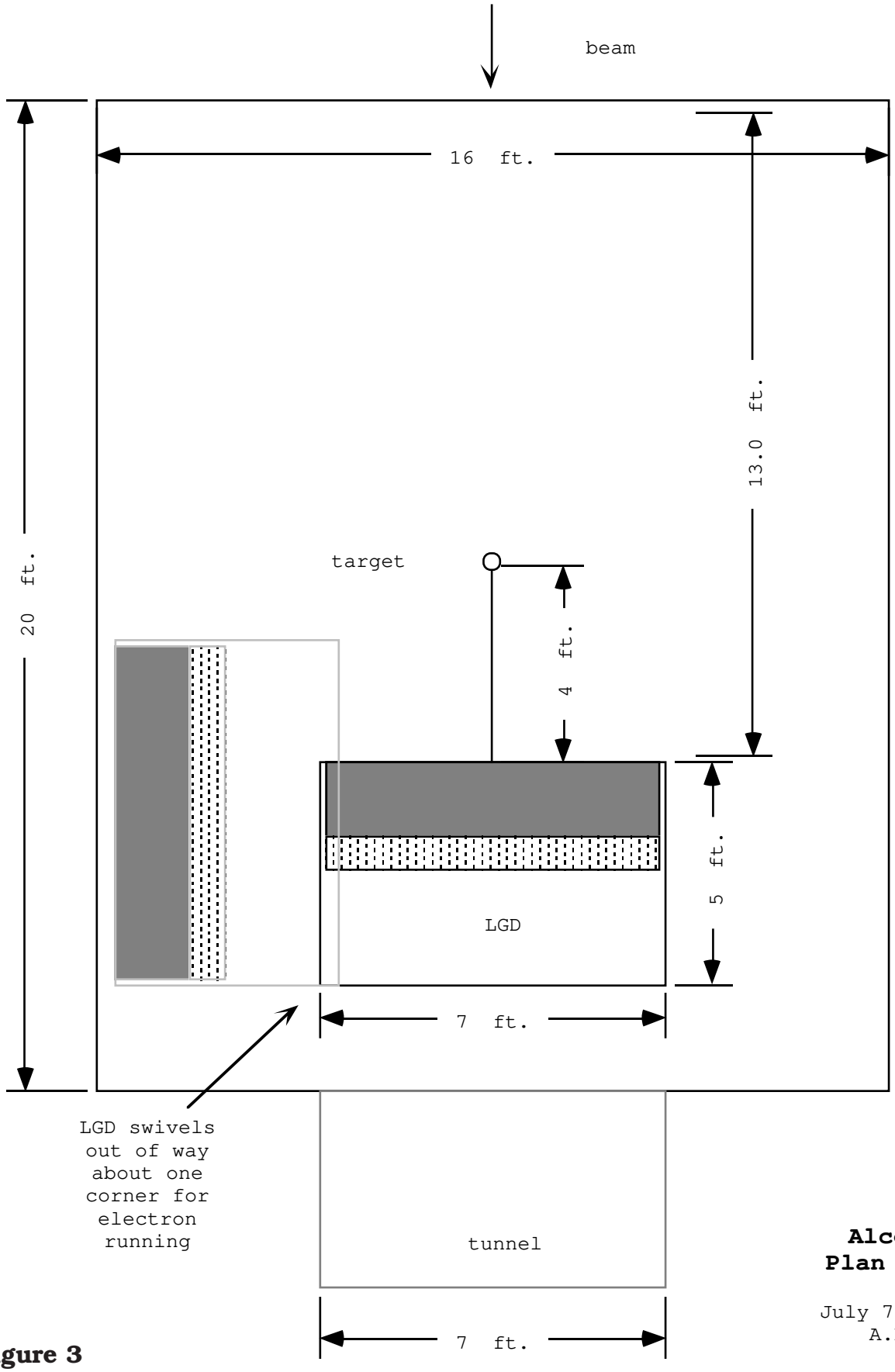


Figure 2: There is also another structure which moves out (north) and away from the CLAS detector, again for installation and repairs. When both structures are in their extreme (west and north) positions, the only free area is the "Lock Up Cage" shown in the northwest quadrant, along the wall. It is proposed to replace this cage with a multi-story structure for LGD electronics racks. This area would be accessed by stairs.



Alcove Plan View

July 7, 1995 A.D.

Figure 3

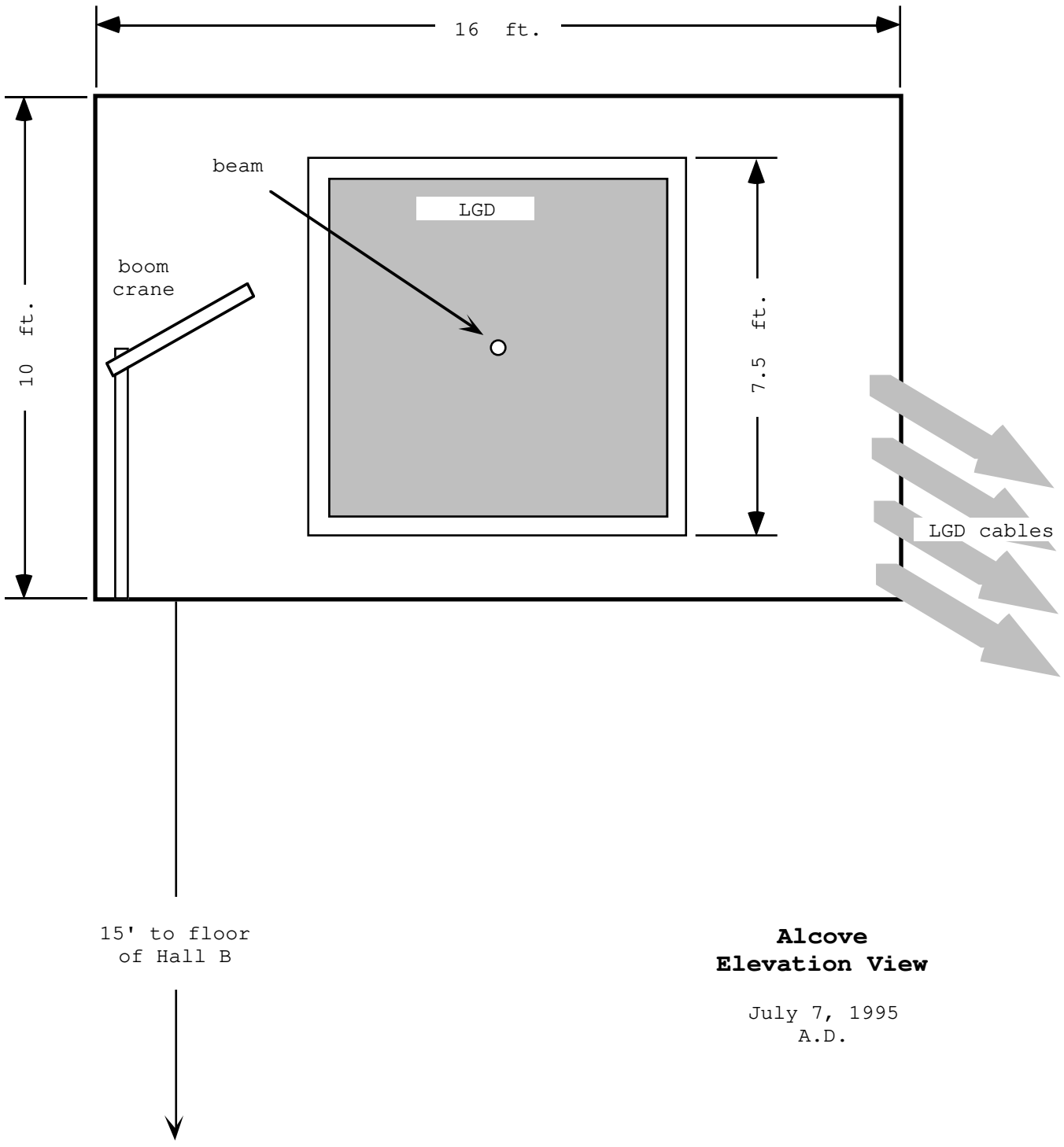

16 ft.
10 ft.
beam
LGD
boom
crane
7.5 ft.
LGD cables
15' to floor
of Hall B
Alcove
Elevation View
July 7, 1995
A.D.

Figure 4