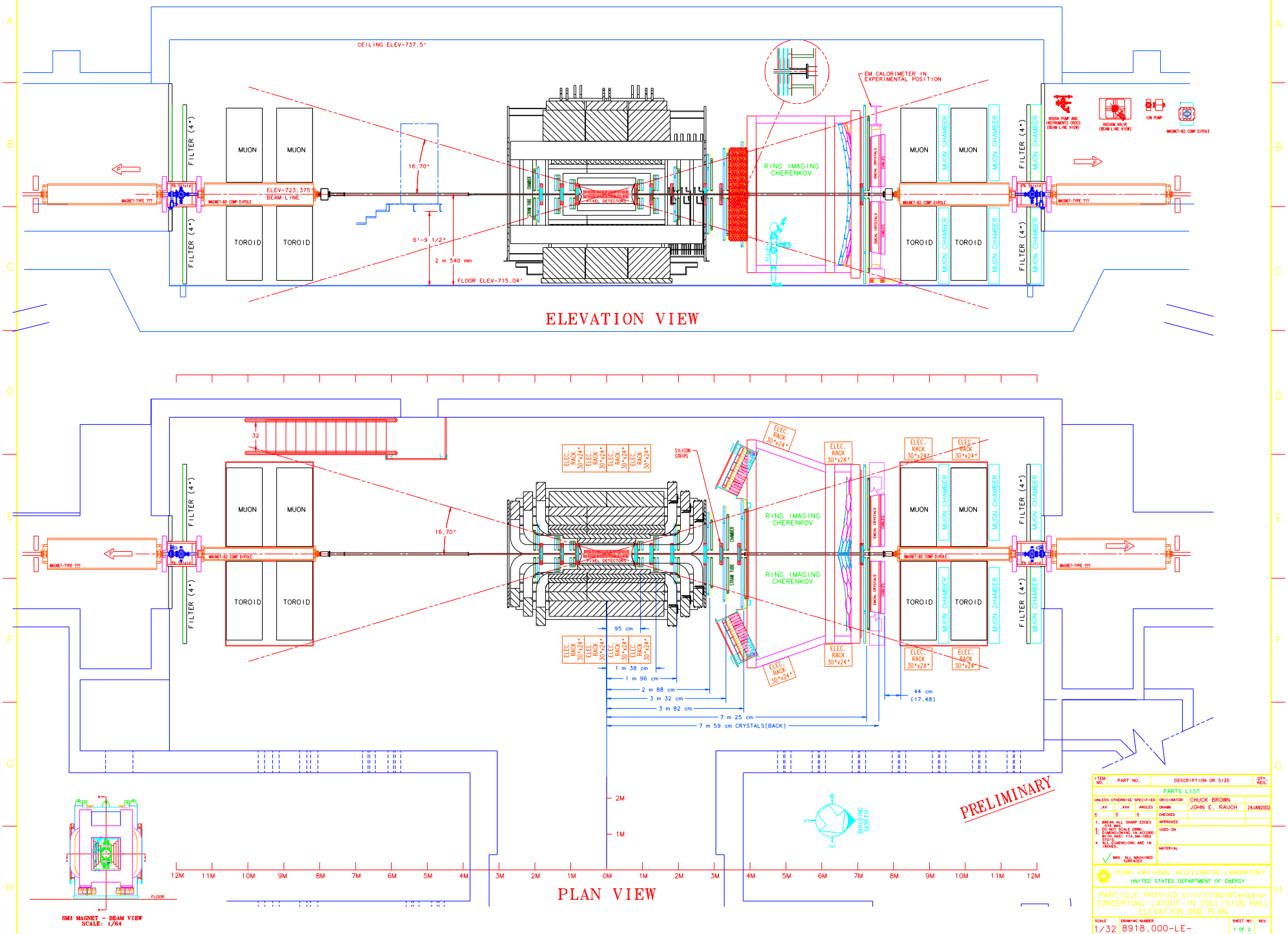
ELEVATION VIEW
CEILING ELEV-737.5'
EM CALORIMETER IN EXPERIMENTAL POSITION
FILTER (4')
MUON
TOROID
MUON CHAMBER
ELEV-723.375' BEAM LINE
16.70°
6'-9 1/2"
2 m 540 mm
FLOOR ELEV-715.04'
PIXEL DETECTORS
STRAW TUBE CHAMBER
RING IMAGING CHERENKOV
BACK CRYSTALS
MAGNET-TYPE ???
MAGNET-B2 COMP DIPOLE
ROUGH PUMP AND INSTRUMENTS CROSS (BEAM LINE VIEW)
VACUUM VALVE (BEAM LINE VIEW)
ION PUMP
PLAN VIEW
32
ELEC. RACK 30"x24"
SILICON STRIPS
95 cm
1 m 38 cm
1 m 96 cm
2 m 88 cm
3 m 32 cm
3 m 82 cm
7 m 25 cm
7 m 59 cm CRYSTALS(BACK)
44 cm (17.48)
BUILDING NORTH
PRELIMINARY
SM3 MAGNET - BEAM VIEW
SCALE: 1/64
FLOOR
PARTS LIST
ITEM NO. | PART NO. | DESCRIPTION OR SIZE | QTY. REQ.
UNLESS OTHERWISE SPECIFIED
.XX .XXX ANGLES
1. BREAK ALL SHARP EDGES .010 MAX
2. DO NOT SCALE DRWG.
3. DIMENSIONING IN ACCORD WITH ANSI Y14.5M-1982
4. ALL DIMENSIONS ARE IN INCHES.
MAX. ALL MACHINED SURFACES
ORIGINATOR CHUCK BROWN
DRAWN JOHN E. RAUCH 24JAN2002
CHECKED
APPROVED
USED ON
MATERIAL
FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY
PARTICLE PHYSICS DIVISION/BTeVpbar
CONCEPTUAL LAYOUT IN COLLISION HALL
ELEVATION AND PLAN
SCALE 1/32
DRAWING NUMBER 8918.000-LE-
SHEET NO. 1 OF 2
REV.
DRAWN DATE
APPROVED DATE