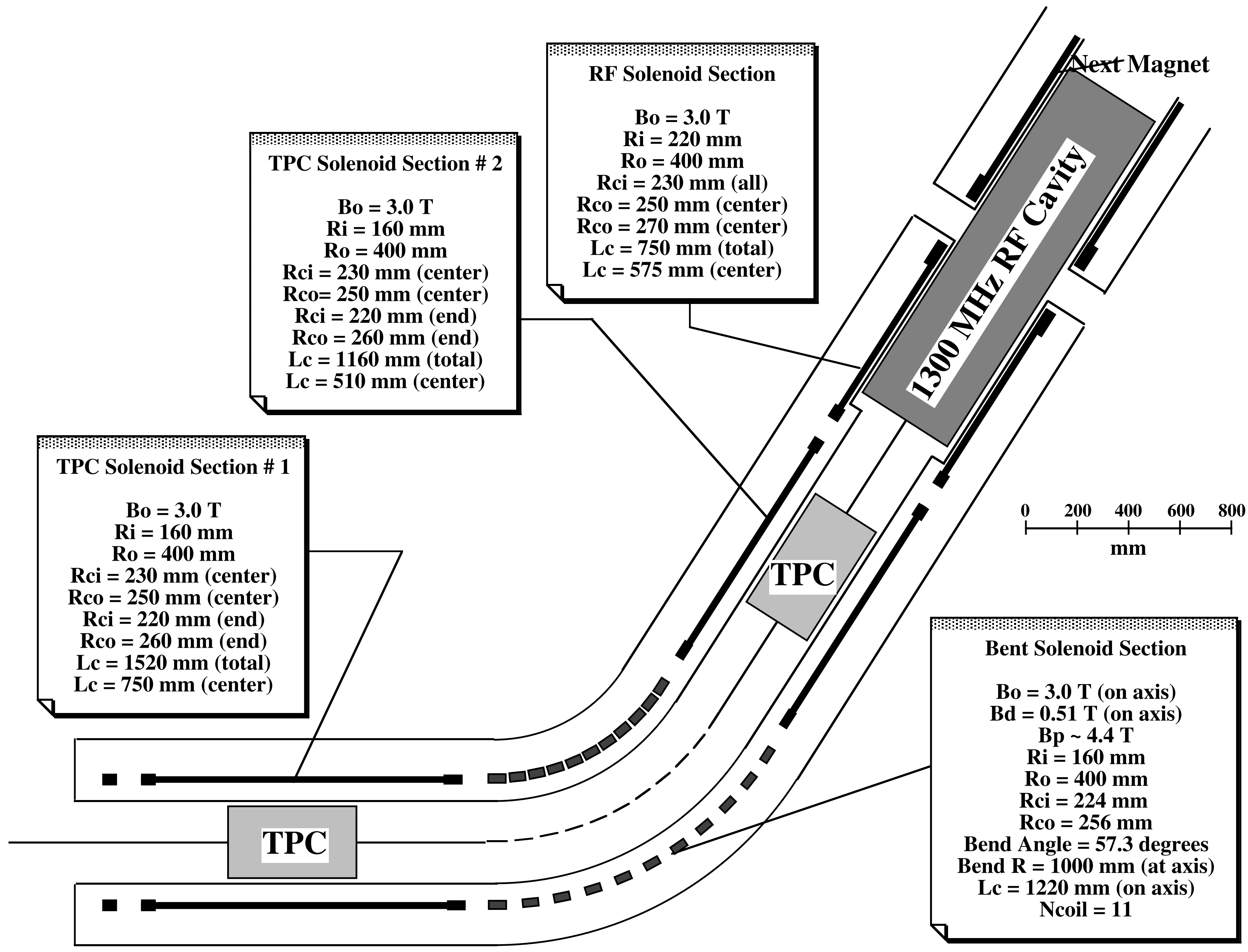

Next Magnet
RF Solenoid Section
Bo = 3.0 T
Ri = 220 mm
Ro = 400 mm
Rci = 230 mm (all)
Rco = 250 mm (center)
Rco = 270 mm (center)
Lc = 750 mm (total)
Lc = 575 mm (center)
TPC Solenoid Section # 2
Bo = 3.0 T
Ri = 160 mm
Ro = 400 mm
Rci = 230 mm (center)
Rco= 250 mm (center)
Rci = 220 mm (end)
Rco = 260 mm (end)
Lc = 1160 mm (total)
Lc = 510 mm (center)
1300 MHz RF Cavity
TPC Solenoid Section # 1
Bo = 3.0 T
Ri = 160 mm
Ro = 400 mm
Rci = 230 mm (center)
Rco = 250 mm (center)
Rci = 220 mm (end)
Rco = 260 mm (end)
Lc = 1520 mm (total)
Lc = 750 mm (center)
0 200 400 600 800
mm
TPC
TPC
Bent Solenoid Section
Bo = 3.0 T (on axis)
Bd = 0.51 T (on axis)
Bp ~ 4.4 T
Ri = 160 mm
Ro = 400 mm
Rci = 224 mm
Rco = 256 mm
Bend Angle = 57.3 degrees
Bend R = 1000 mm (at axis)
Lc = 1220 mm (on axis)
Ncoil = 11