MDT Endcap Chambers
Preliminary Faraday Cage Design

Refined Design for Endcap Faraday Cage:

- All simple, easily-formed shapes
- Essentially complete coverage with significant overlaps at joints
- Modular design for "stepped" chamber geometry
- Many options for in-situ access to electronics

Remaining work:

- Produce dimensioned mechanical drawings for all parts
- Fabricate prototypes in shop and evaluate
- Design variations for different chamber types
FARADAY CAGE ASSEMBLY
#1
FARADAY CAGE ASSEMBLY

#3

9/7/99 KDM BMC
FARADAY CAGE ASSEMBLY
#7

9/7/99 KDM BMC
FARADAY CAGE
BASE PLATE
LONG SECTION
FARADAY CAGE
SIDE PLATE
SHORT SECTION