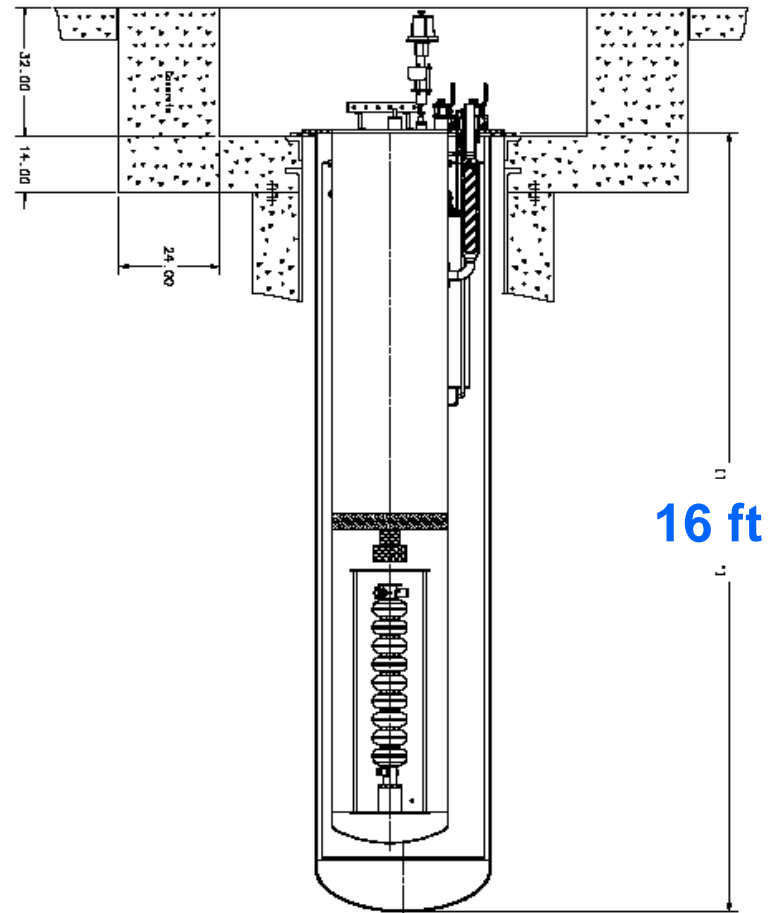
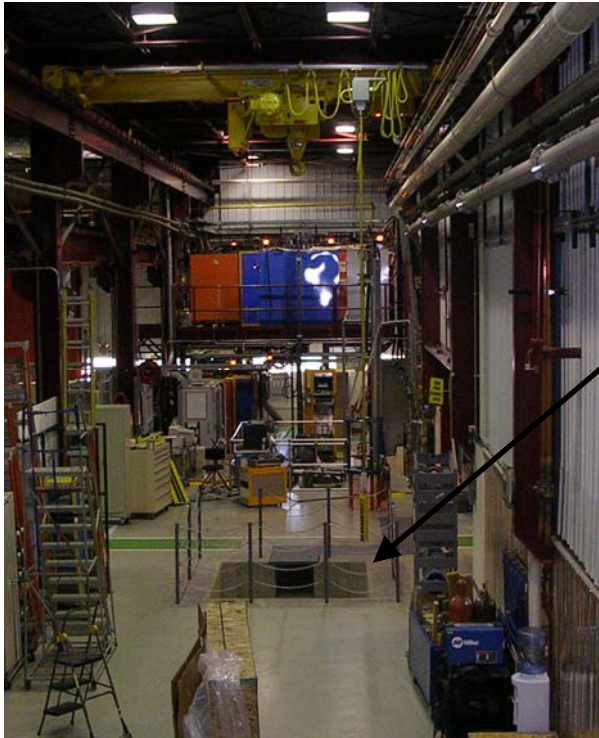


Fermilab IB1 Vertical Test Stand Update



**C.M. Ginsburg (Fermilab)
for the VTS group
August 31, 2006**

Cryostat Procurement

- Contacted vendors

- ✗ Ability Engineering (South Holland, IL),
 - American Magnetics (Oak Ridge, TN),
 - Cryofab (Kenilworth, NJ)
 - Cryogenic Plants and Services (Linde), (Tulsa, OK)
 - CVPI (Emmaus, PA)
 - Meyer Tool (Oak Lawn, IL)
 - PHPK (Columbus, OH)
 - xyz company (WI)
- } Two bids

- Plan

- Detailed bid evaluation criteria exist
- Ron Evans to request more detailed milestone schedule and contingency plan
- VTS group to evaluate bids by Tuesday 5.Sep.
- Award contract by end of next week

- The cryostat procurement still drives the schedule – delivery early March 2006

RF System Design

- Dates
 - RF System Design Review: 24.August
 - Written report from committee: 30.August
 - Many helpful comments, no show-stoppers, no scheduling issues
 - VTS response to committee: expect ~8.September
- Thanks to Review Committee members
 - Brian Chase
 - Wolf-Dietrich Moeller
 - Ralph Pasquinelli (chair)
 - John Reid
 - Jim Steimel
 - Chuck Worel
- Thanks to Jefferson Lab
 - VTS RF design based on that from JLab vertical test facility
 - Thanks Tom Powers for tremendous assistance with design modifications and review documentation/presentation
 - Formal MOU addendum with JLab approved 28.Aug., for limited assistance on RF system/DAQ from T. Powers and C. Grenoble

Next VTS plans

- Radiation safety review
 - in coordination with AD/ES&H
 - Specify topics for review ASAP
 - aim for review early October
- “Final” iteration of radiation shielding design
- Radiation shielding lid/movement mechanical design
- Magnetic shielding
 - Complete detail drawing
- Cryostat top plate design
- Cavity suspension cage design
- Continuing work on cryogenic system modifications