



# MINOS Status Report



- Existing DAQ continues to run well (no PMT HV, so only to find and fix problems as they occur)
  - Have run several weeks with no major problems
  - Plan on running with HV this week when no excavation work (2 hours/day)
- Most work on DAQ Refurb (in following slides)



# MINOS Status Report

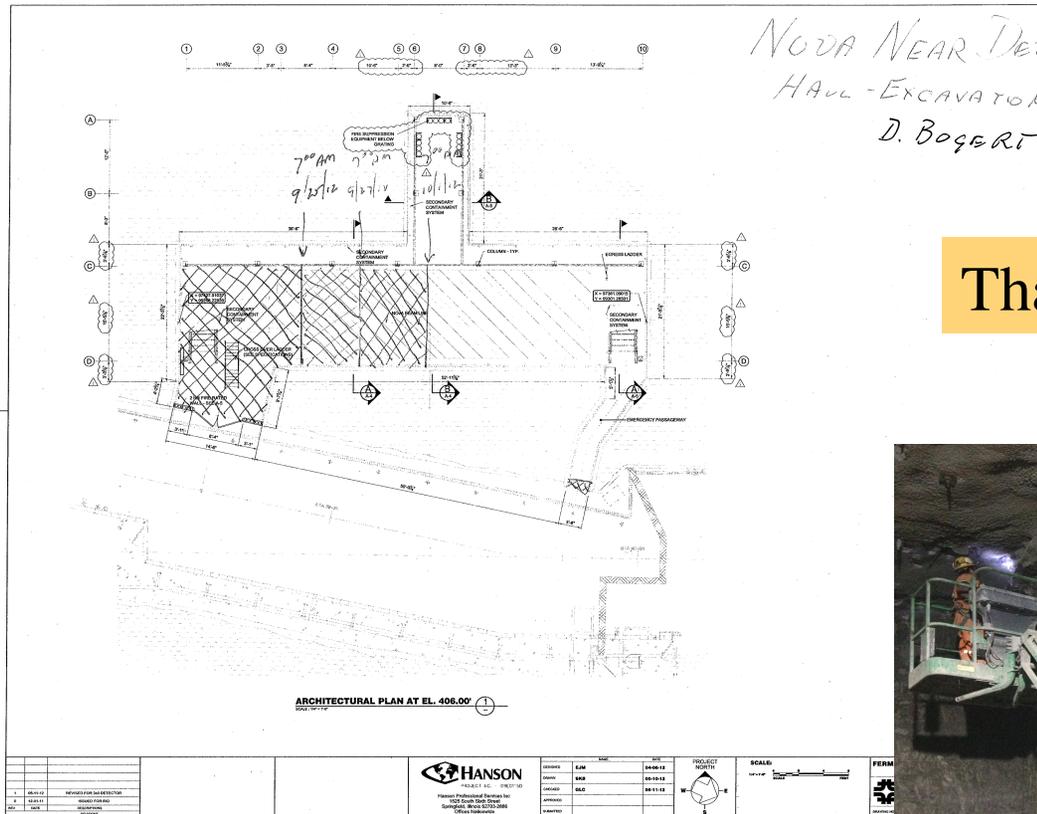


- NOvA excavation

- Work night shift with hoe ram to remove rock and milling head to smooth wall
- Work day shift to remove rock to surface holding area, drill and insert rock bolts, and apply Shotcrete
- On schedule to complete excavation Nov. 6; currently ~1/3 of rock removed
- May be some hiatus till steelwork begins in hall
- This would provide us time to do some extended HV running (maybe even with new DAQ)



# MINOS Status Report



Thanks to Dixon Bogart!





# MINOS Status Report



- Readout continuing to work well
- Took one RIO3 from ND pool after using all spares; will attempt to recover here
- New chiller awaiting variable fan speed control, but only one old chiller needed because...
- Currently running with magnet off; will probably continue to do so



# MINOS Status Report



- DAQ Refurbishment for ND—Recent progress:
  - Have configured rack hardware and tested rack protection unit works correctly with smoke detector
  - Have given sysadmins tour, should have computers configured this week
  - All MVMEs (new FE processors) have been put in Master crates and tested to not interfere with existing DAQ
  - Could test/configure MVMEs or even try new DAQ with attended running
  - New ORC committee convened, ORC document approved, and new DAQ rack approved before unattended running (last item: install air filters)
  - **Have successfully run test crate system, written data files, and debugged minor end run problem!**
  - Thanks to Bill Badgett, Geoff Savage, and Donatella Torretta of the PPD/EED/Online Support Group



# MINOS Status Report



- 8 1U quad core computers running multiple processes replace 3 racks of dedicated computers
  - Only 4 1U computers used; remainder are spares
- All but power cords are plenum rated in new DAQ rack; all cables approved by Jim Priest
- Simple RPS to drop power in rack if smoke detected (thanks to Linda Bagby and Dave Huffman)