



U.S. National Science Foundation Ice Core Facility

Your community resource

Facility update

2025





National Science Foundation
OPERATED BY U.S. GEOLOGICAL SURVEY

- ❖ Facility for storing, curating, and studying meteoric ice cores.
- ❖ Located within the Denver Federal Center, Lakewood, CO.
- ❖ Provides scientists with the capability to conduct examinations and measurements on ice cores, and it preserves the integrity of these ice cores in a long-term repository for future investigations.
- ❖ Over 30,000 meters of ice core collected from various locations in Antarctica, Greenland, and North America.
- ❖ Funded by the National Science Foundation (NSF) Office of Polar Programs and operated by the U.S. Geological Survey (USGS).
- ❖ Scientific management provided by the University of New Hampshire.

OUR PEOPLE

National Science Foundation, NSF

- Kelly Brunt, Program Director, ANT Glaciology & Southern Ocean Science

NSF-Ice Core Facility (NSF-ICF), USGS

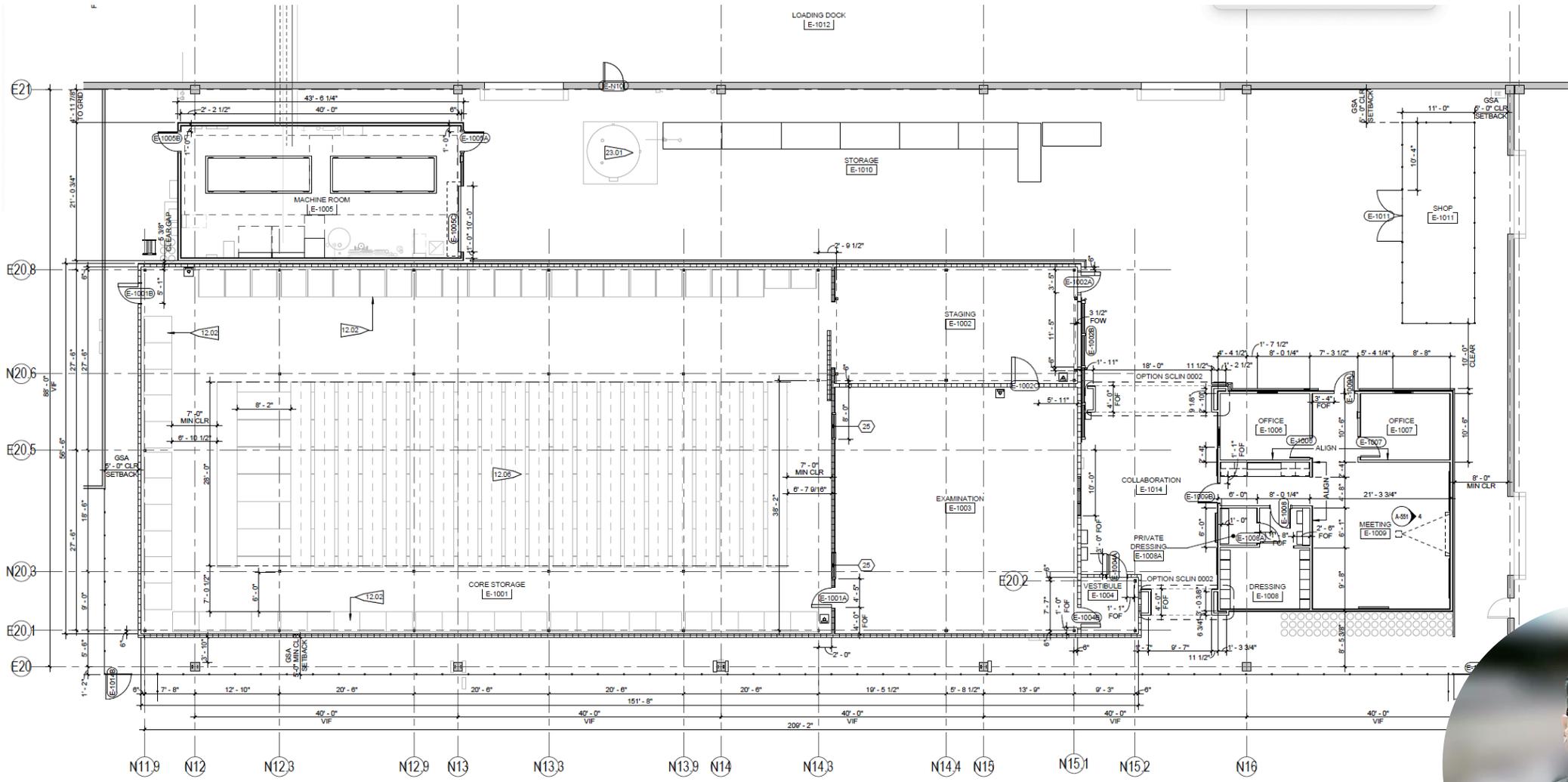
- Lindsay Powers, Technical Director
- *Curt La Bombard, Curator
- *Richard Nunn, Assistant Curator
- *Theo Carr, Science Technician

Science Management Office (SMO), UNH

- Joe Souney, SMO Director
- Mark Twickler

*Full time NSF-ICF employee





1 ICE CORE FACILITY HORIZONTAL CONTROL PLAN
 1/8" = 1'-0"

















New facility highlights

- ~20% more storage capacity in the same amount of space as the old freezer
- Reduction of square footage from old facility saving long term rental cost for NSF
- Rectangular exam room to allow for various CPL configurations
- Dedicated office, collaboration, conference room and changing room
- New back up generator and multiple HVAC upgrades
- Transition from R-22 to CO2 as a refrigerant placing us on the cutting edge of technology

