Detector Orientation

Steve Hahn
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04/20/2005

- Alphabet soup or acronym space?
  - CDF acronym dictionary on ace help page
    http://www-cdfonline.fnal.gov/ace2help/aceacronyms.html
    - Lots of work done recently by Peter Dong (thanks!)
    - And check out hovering on e-log index page
  - All of following pictures on link at bottom of electronic logbook index page (front-end crate locations)
  - And check out Paul Lujan's ace detector guide:
    http://www-cdfonline.fnal.gov/ace2help/detector_guide/

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- Two particular acronym oddities:
  - "Shower max" detectors and their acronyms
    - Central uses 6U SMD crates, reads out:
      - **CCR - central crack chambers**
      - **CPR - central preradiator chambers**
      - **CES - central E-M shower max chambers**
    - Plug uses 6U SMX crates (identical to SMD), reads out:
      - **PPR - plug preradiator scintillating fibers**
      - **PES - plug E-M shower max scintillating fibers**
  - Muon acronym hierarchy
    - CMU - central muon chambers
    - CMUP - central muon Run 1B upgrade
      - **CMP - central muon upgrade chambers (muon walls, top, bottom)**
      - **CSP - central scintillators upgrade counters with CMP**
      - **CMX - central muon extension chambers (muon arches)**
      - **CSX - central scintillators extension with CMX**
    - IMUP (sometimes, just IMU) - intermediate Run 2 upgrade
      - **WSU - endwall scintillator upgrade (never done)**
      - **BMU - barrel muon upgrade chambers (east, west muon walls)**
      - **BSU - barrel scintillator upgrade with BMU**
      - **TSU - toroid scintillator upgrade (between and behind toroids)**

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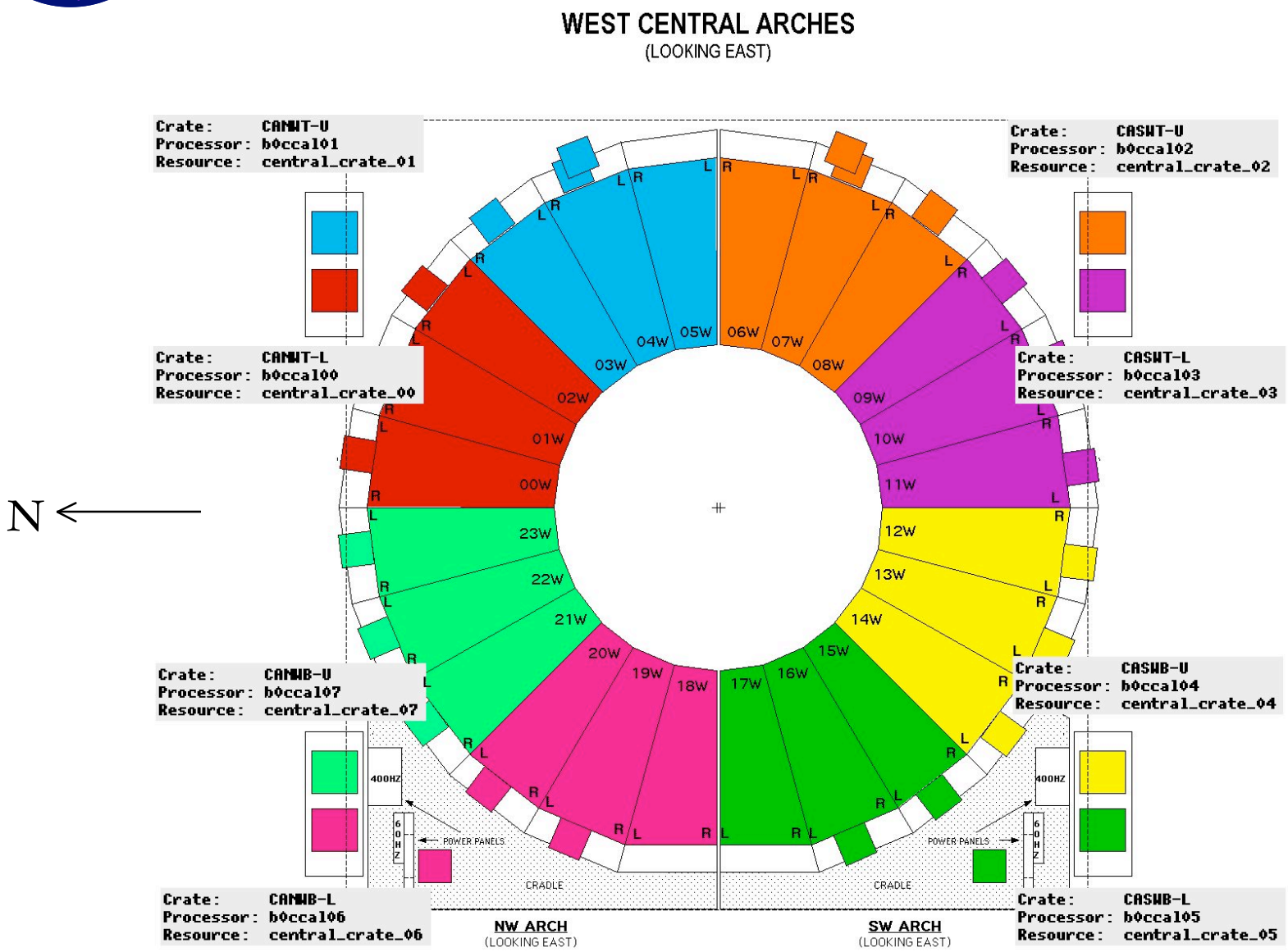

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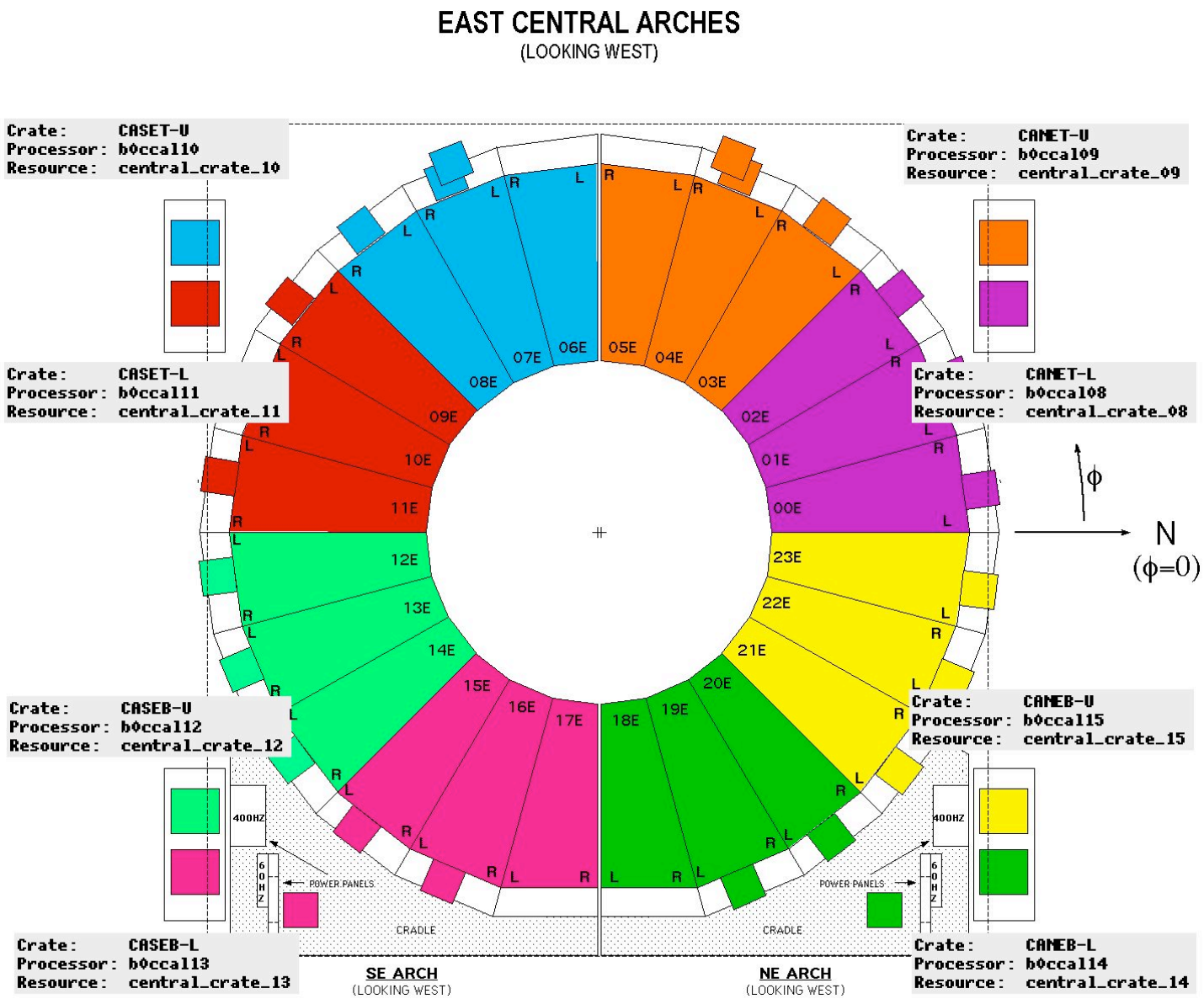

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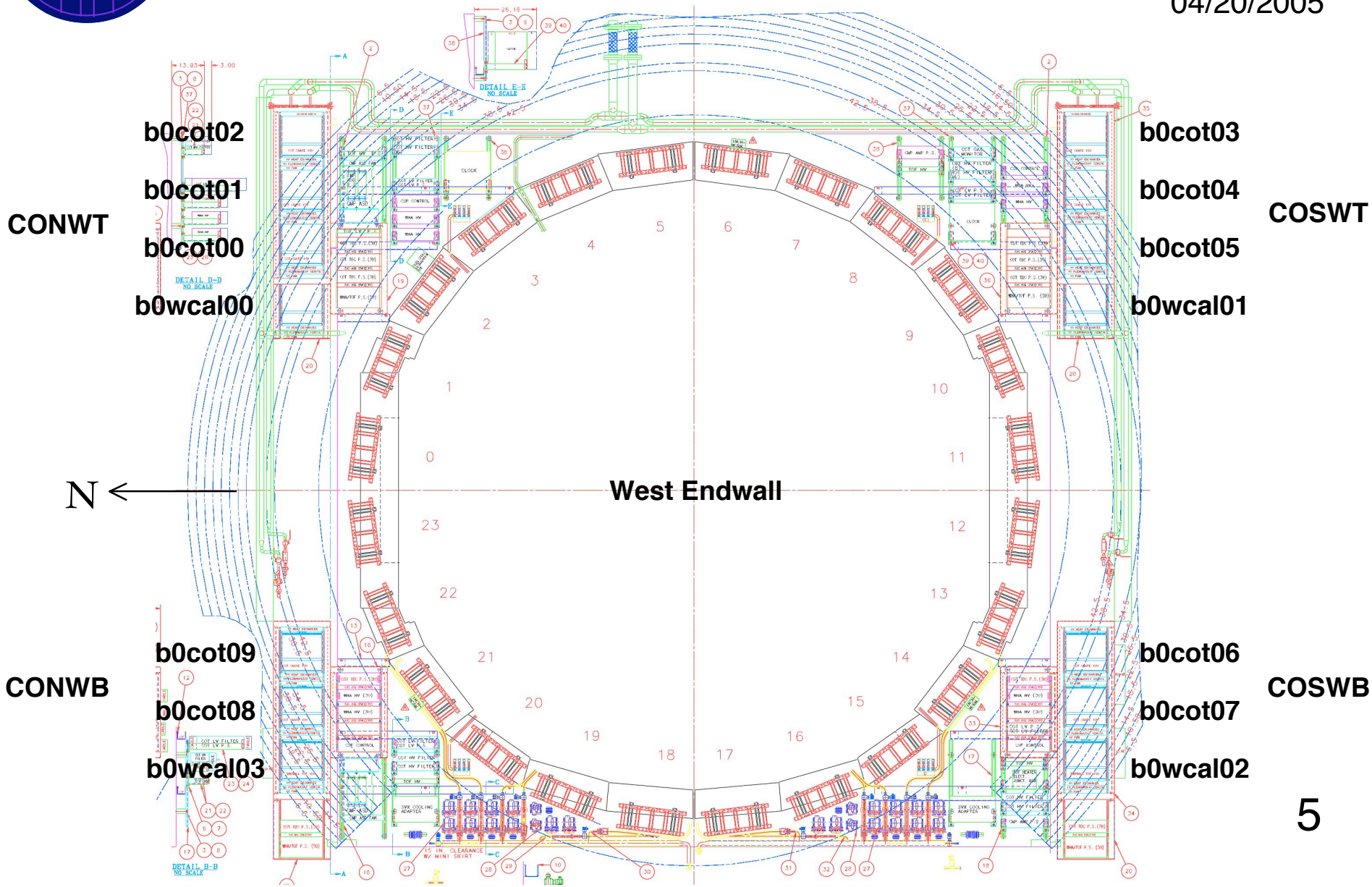

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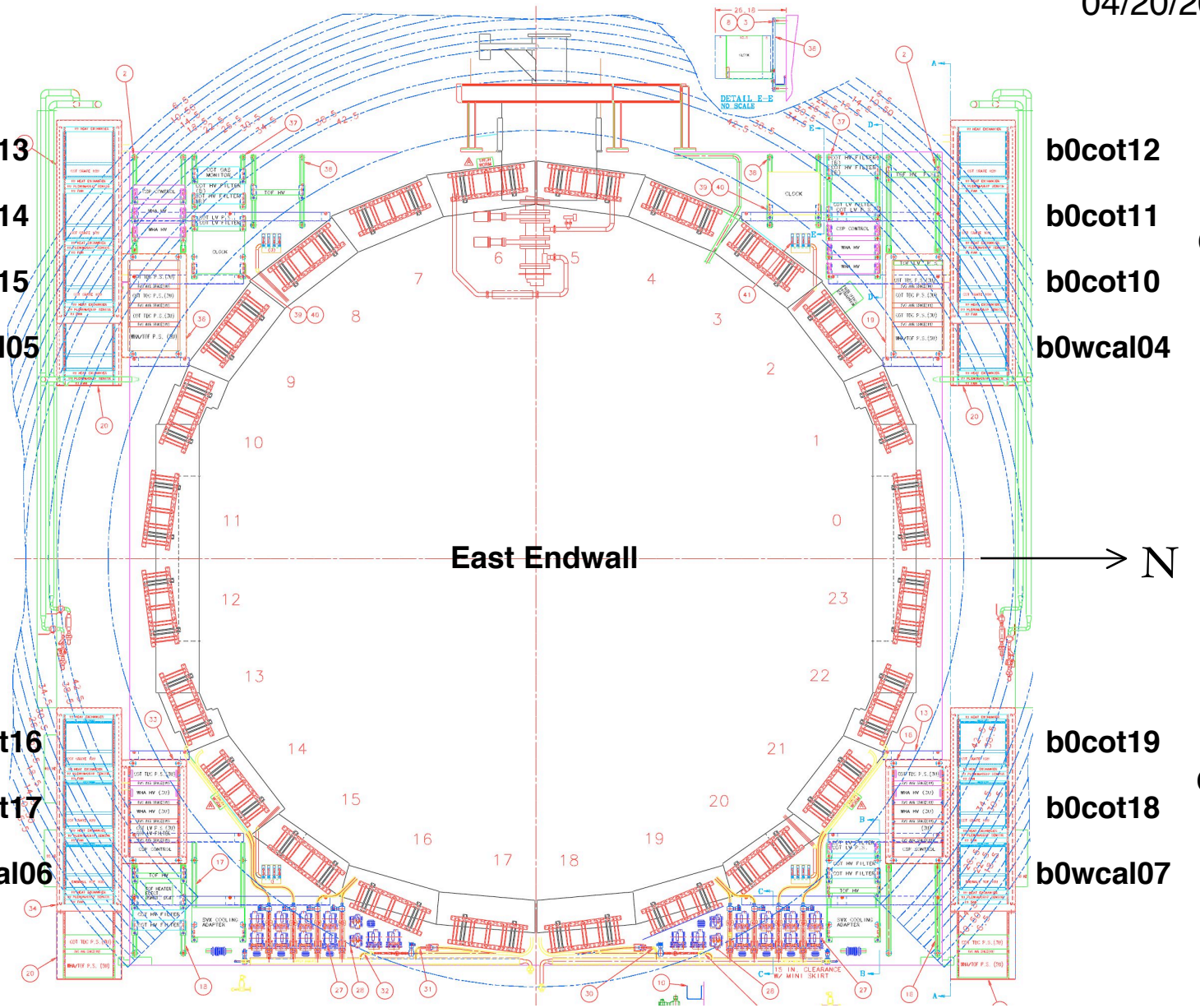

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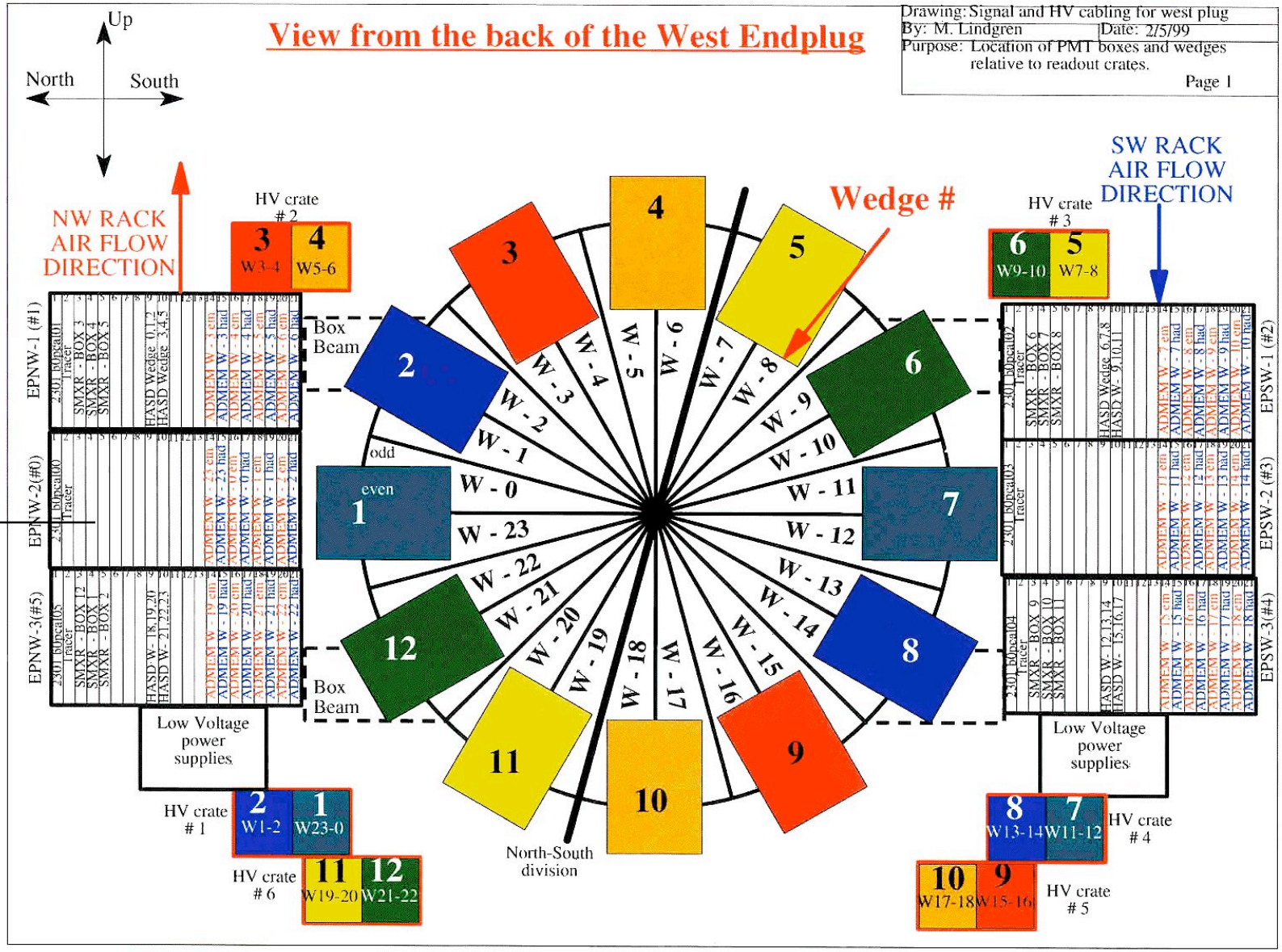

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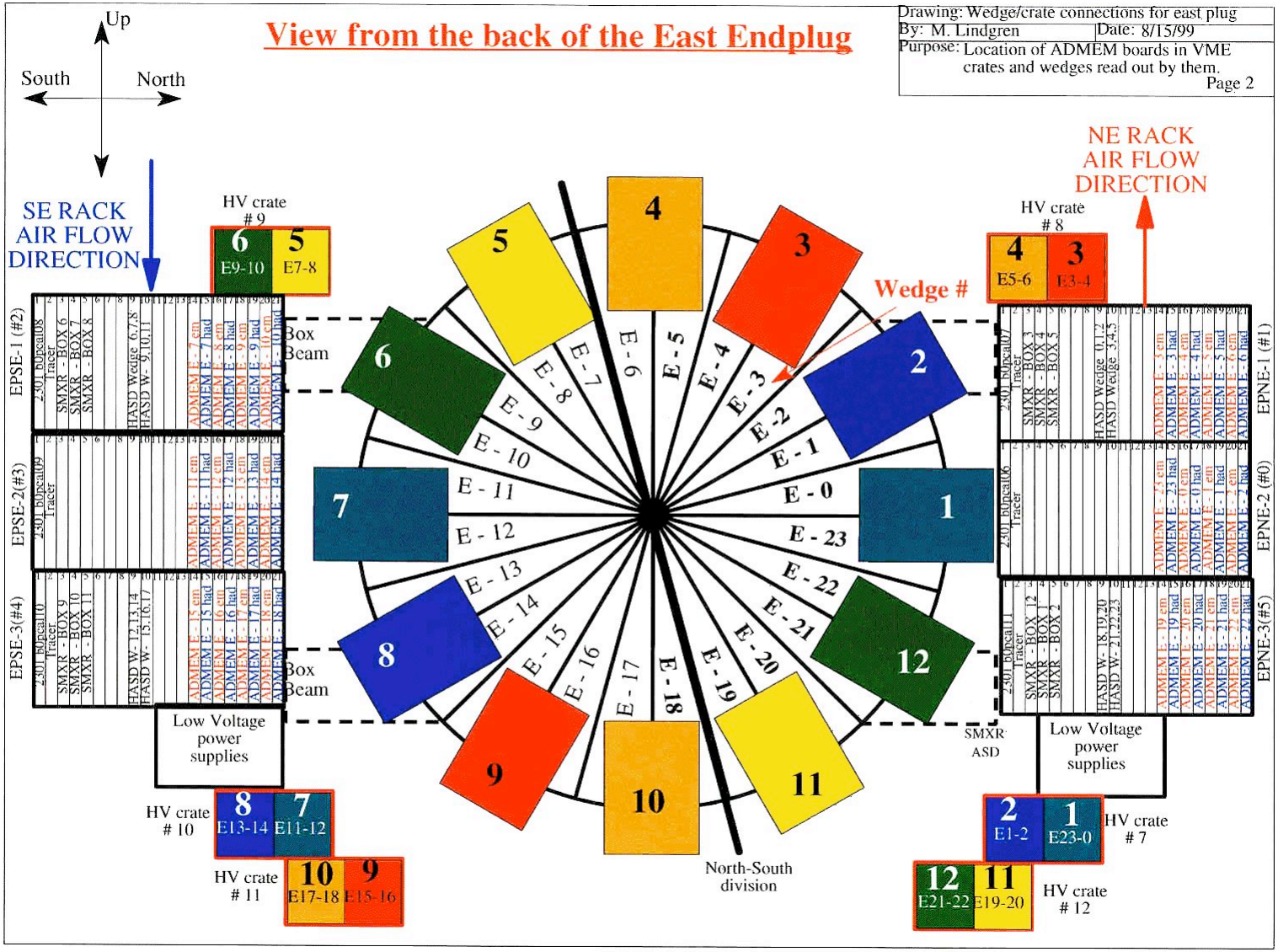

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- To do:
  - Silicon rack/crate locations
  - IMU rack/crate locations
  - CMX/CMP rack/crate locations?
  - FCAL rack/crate locations?
  - More?