

# DOE-ID NEPA CX DETERMINATION Idaho National Laboratory

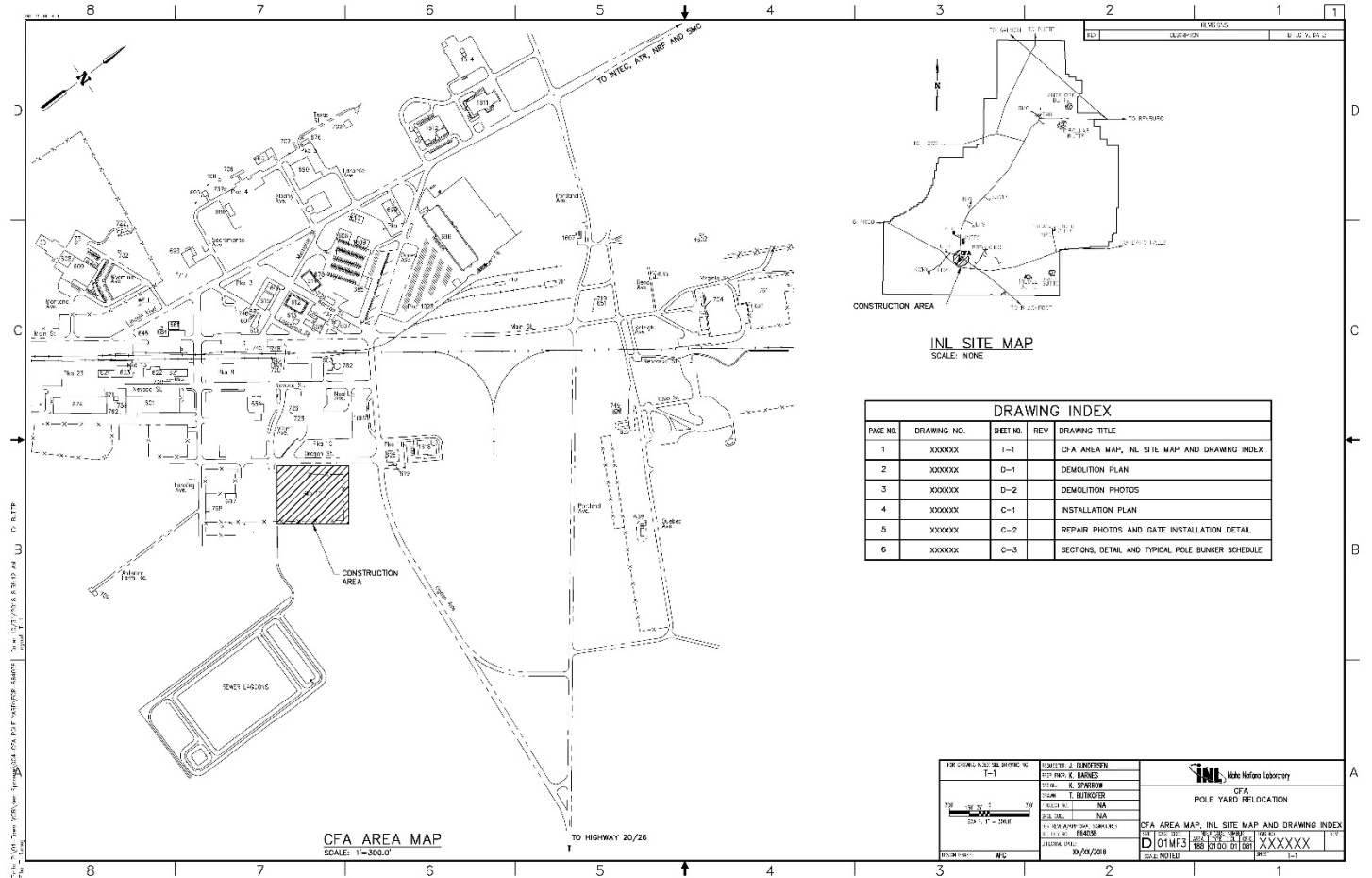
**SECTION A. Project Title:** Relocate Power Management Laydown Yard

**SECTION B. Project Description and Purpose:**

The proposed action relocates the Power Management laydown yard at the Scoville substation to CFA as shown in Figures 1-5. The proximity of overhead power lines presents safety issues when moving large equipment and structures such as power poles. Moving the laydown yard address these safety issues, and the location is closer to other Power Management facilities providing logistical benefits.

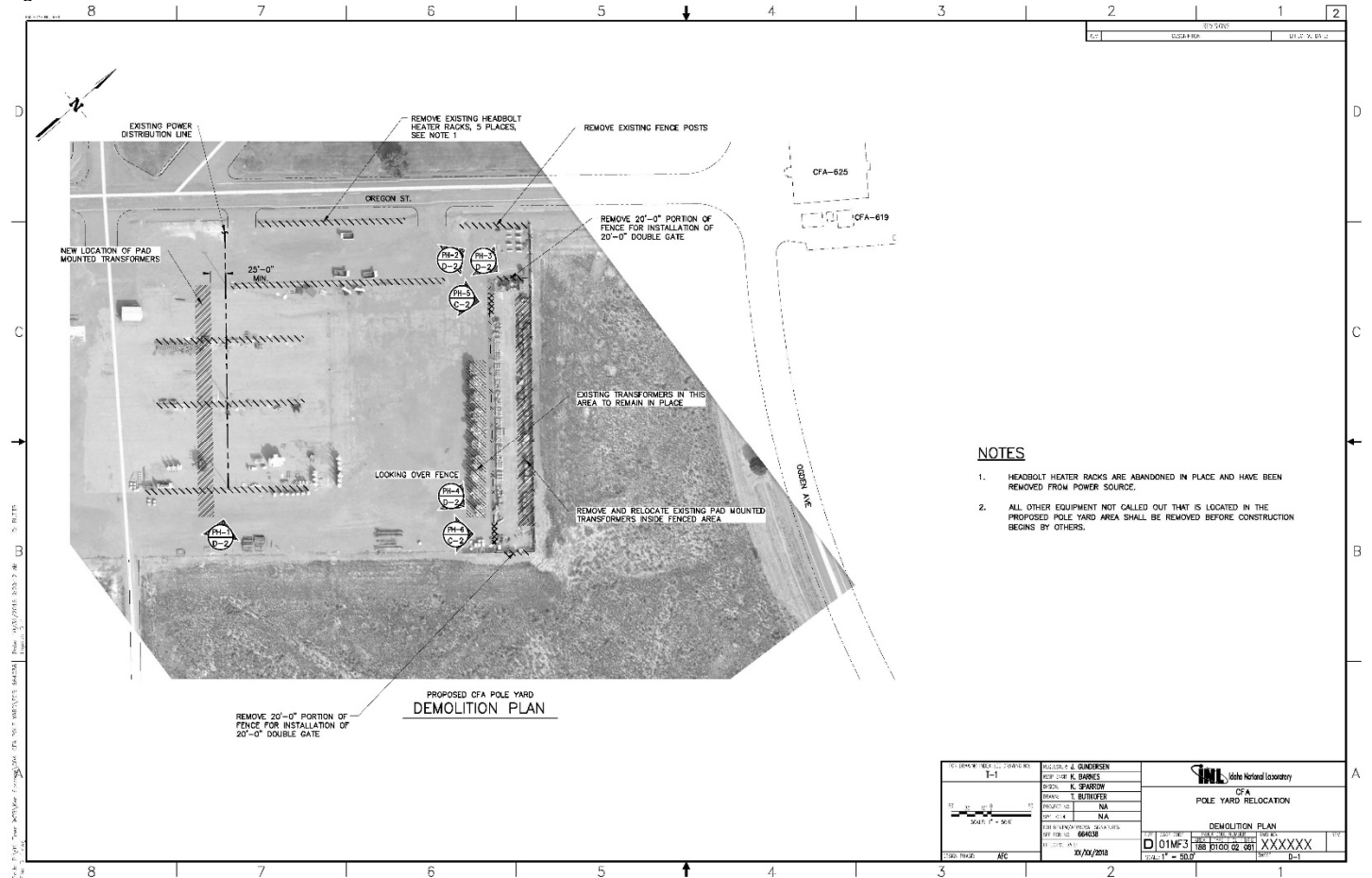
Project activities include relocating equipment and fencing, constructing pole bunkers, installing a culvert, and placing jersey barriers. Installation of gates and associated road use requires review by the Cultural Resource Management Office (CRMO) prior to beginning project activities. Installing the east gate (see Figure 2) is needed for snow removal, any other use requires revision of this EC and additional biological and cultural resource review.

Figure 1. Location of new laydown yard.



# DOE-ID NEPA CX DETERMINATION Idaho National Laboratory

Figure 2. Modifications needed at new location.





# DOE-ID NEPA CX DETERMINATION Idaho National Laboratory

Figure 4. Construction of storage areas.

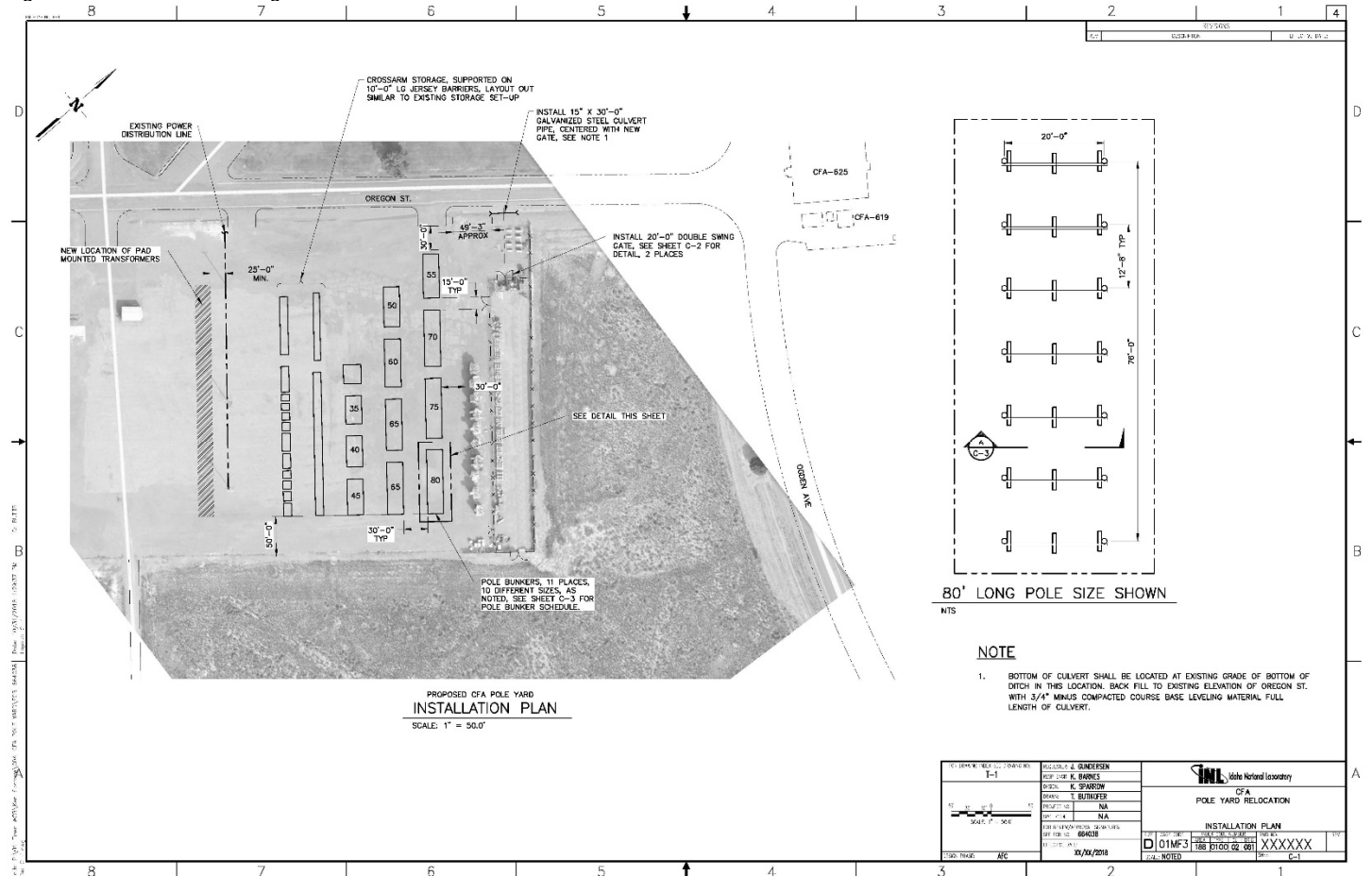
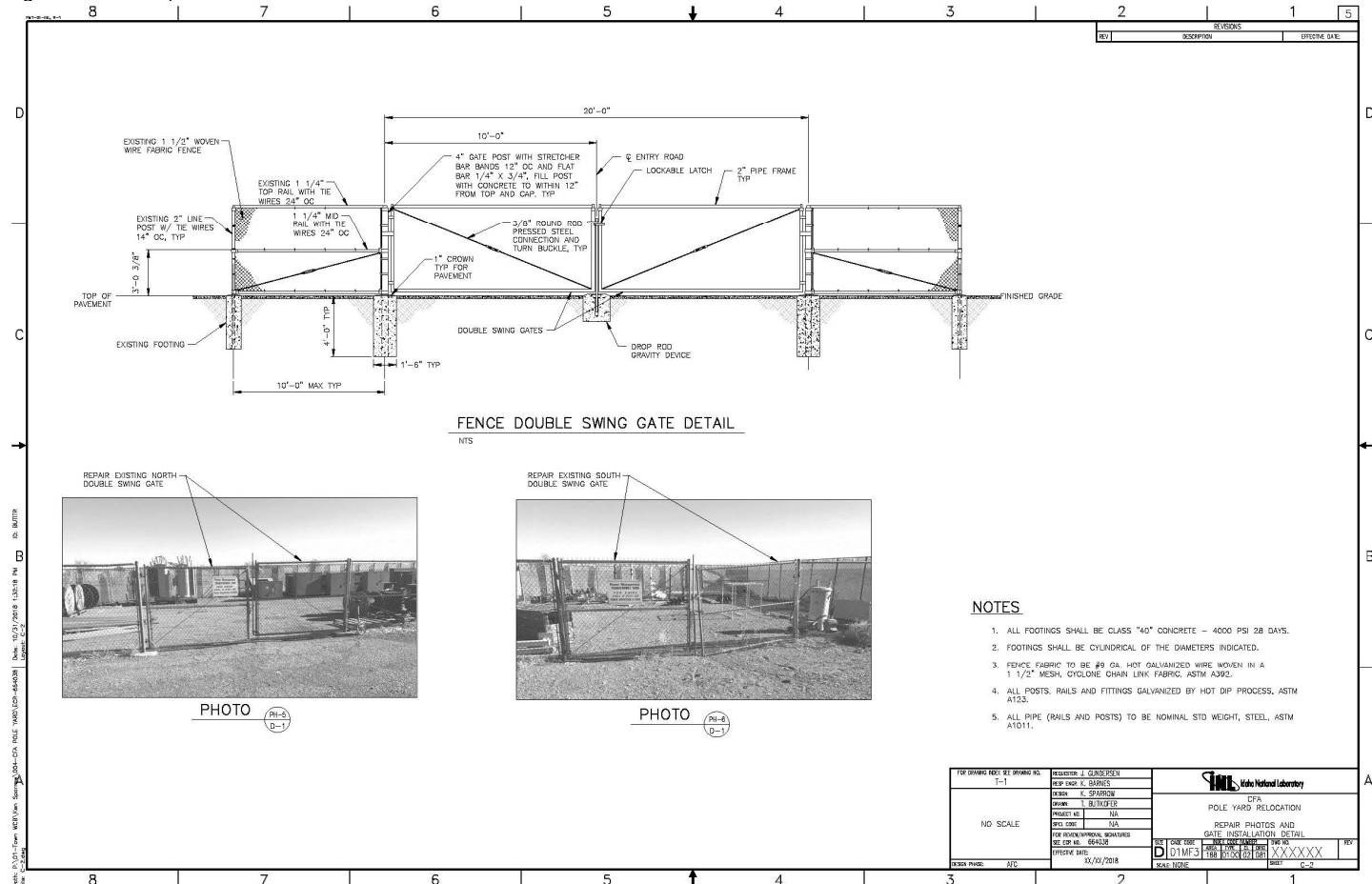


Figure 5. Fence repairs.



**SECTION C. Environmental Aspects or Potential Sources of Impact:**

**Air Emissions**

Project activities have the potential to generate fugitive dust.

Emissions from machinery and equipment exhaust are expected.

**Disturbing Cultural or Biological Resources**

The proposed action has the potential to impact biological and cultural resources.

**Generating and Managing Waste**

Project activities have the potential to generate industrial waste such as boxes, wiring, paper, insulation, and some metals (wire, conduit, etc.) and hazardous waste.

**Releasing Contaminants**

Typical construction chemicals such as fuels, lubricants, adhesives, paints, concrete, concrete cure, asphalt, refrigerants, etc., will be used and will be submitted to chemical inventory lists with associated Safety Data Sheets (SDSs) for approval in the vendor data system prior to use. The facility Chemical Coordinator will enter these chemicals into the INL Chemical Management Database. All chemicals will be managed in accordance with laboratory procedures. When dispositioning surplus chemicals, project personnel must contact the facility Chemical Coordinator for disposition instructions.

# DOE-ID NEPA CX DETERMINATION

## Idaho National Laboratory

Although not anticipated, there is a potential for spills when using chemicals or fueling equipment. In the event of a spill, notify facility PEL. If the PEL cannot be contacted, report the release to the Spill Notification Team (208-241-6400). Clean up the spill and turn over spill cleanup materials to WGS.

### Using, Reusing, and Conserving Natural Resources

Project personnel would use every opportunity to recycle, reuse, and recover materials and divert waste from the landfill when possible.

**SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification:** Identify the applicable categorical exclusion from 10 Code of Federal Regulation (CFR) 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs), the proposed action must not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; (3) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist that would affect the significance of the action. In addition, the action is not "connected" to other action actions (40 CFR 1508.25(a)(1) and is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1608.27(b)(7)).

**References:** 10 CFR 1021, Appendix B to Subpart D, items B1.31 "Installation or relocation of machinery and equipment" and B2.5 "Facility safety and environmental improvements."

**Justification:** Activities are consistent with 10 CFR 1021, Appendix B to Subpart D, items B1.31, "Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, and health and safety equipment), provided that uses of the installed or relocated items are consistent with the general missions of the receiving structure. Covered actions include modifications to an existing building, within or contiguous to a previously disturbed or developed area, that are necessary for equipment installation and relocation. Such modifications would not appreciably increase the footprint or height of the existing building or have the potential to cause significant changes to the type and magnitude of environmental impacts;" and

B2.5 "Safety and environmental improvements of a facility (including, but not limited to, replacement and upgrade of facility components) that do not result in a significant change in the expected useful life, design capacity, or function of the facility and during which operations may be suspended and then resumed. Improvements include, but are not limited to, replacement/upgrade of control valves, in-core monitoring devices, facility air filtration systems, or substation transformers or capacitors; addition of structural bracing to meet earthquake standards and/or sustain high wind loading; and replacement of aboveground or belowground tanks and related piping, provided that there is no evidence of leakage, based on testing in accordance with applicable requirements (such as 40 CFR part 265, "Interim Status Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities" and 40 CFR part 280, "Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks"). These actions do not include rebuilding or modifying substantial portions of a facility (such as replacing a reactor vessel)."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)  Yes  No

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 5/29/2019