

DOE-ID NEPA CX DETERMINATION Idaho National Laboratory

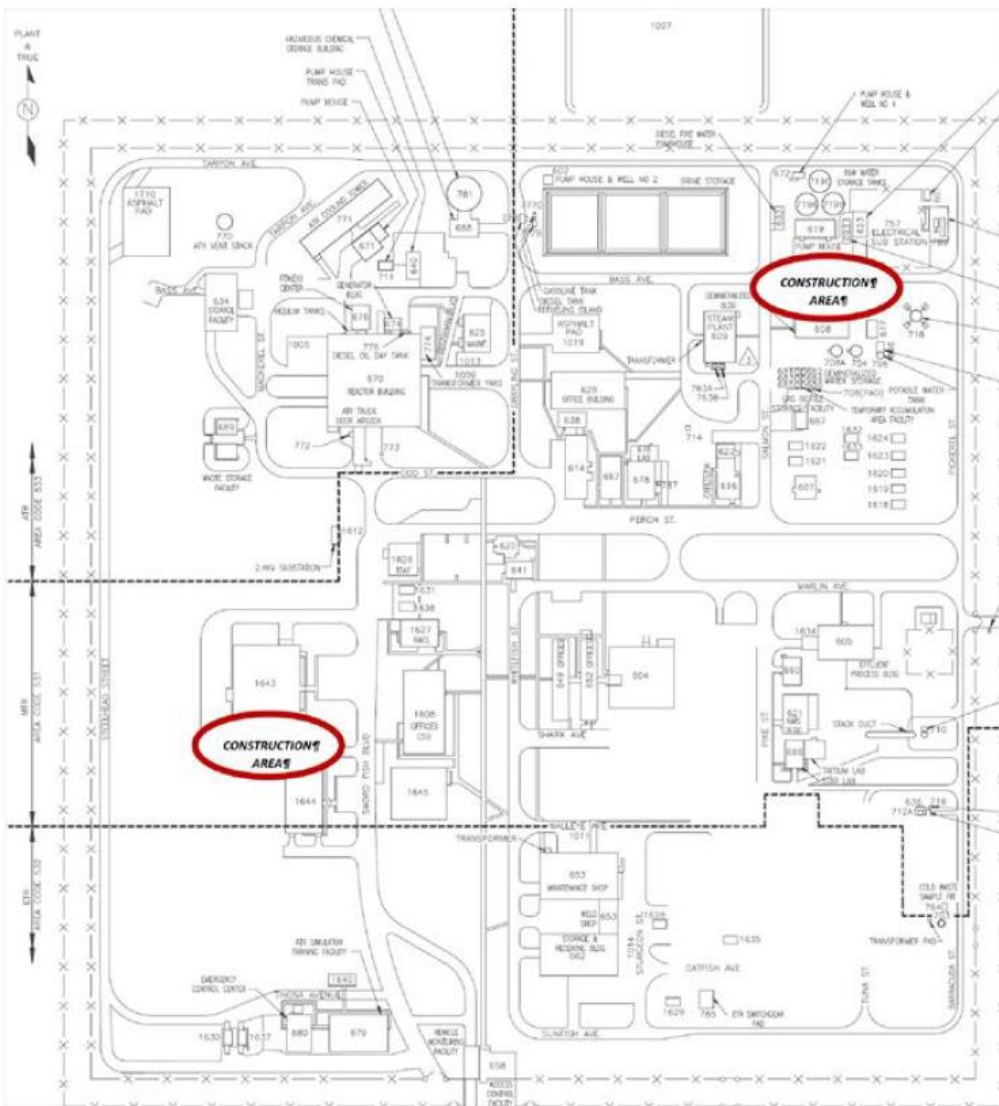
SECTION A. Project Title: TRA General Site Storage (Quonset Huts)

SECTION B. Project Description and Purpose:

Additional equipment storage is needed at the ATR facility for tools, fire protection equipment, barriers, fans, heaters, etc. Two of the structures will be north of TRA-608 in the area south of Bass Ave (Figure 1). The other two structures will be south of TRA-1643 (Figure 1). Power will be the only utility required for the structures. No water connections are anticipated.

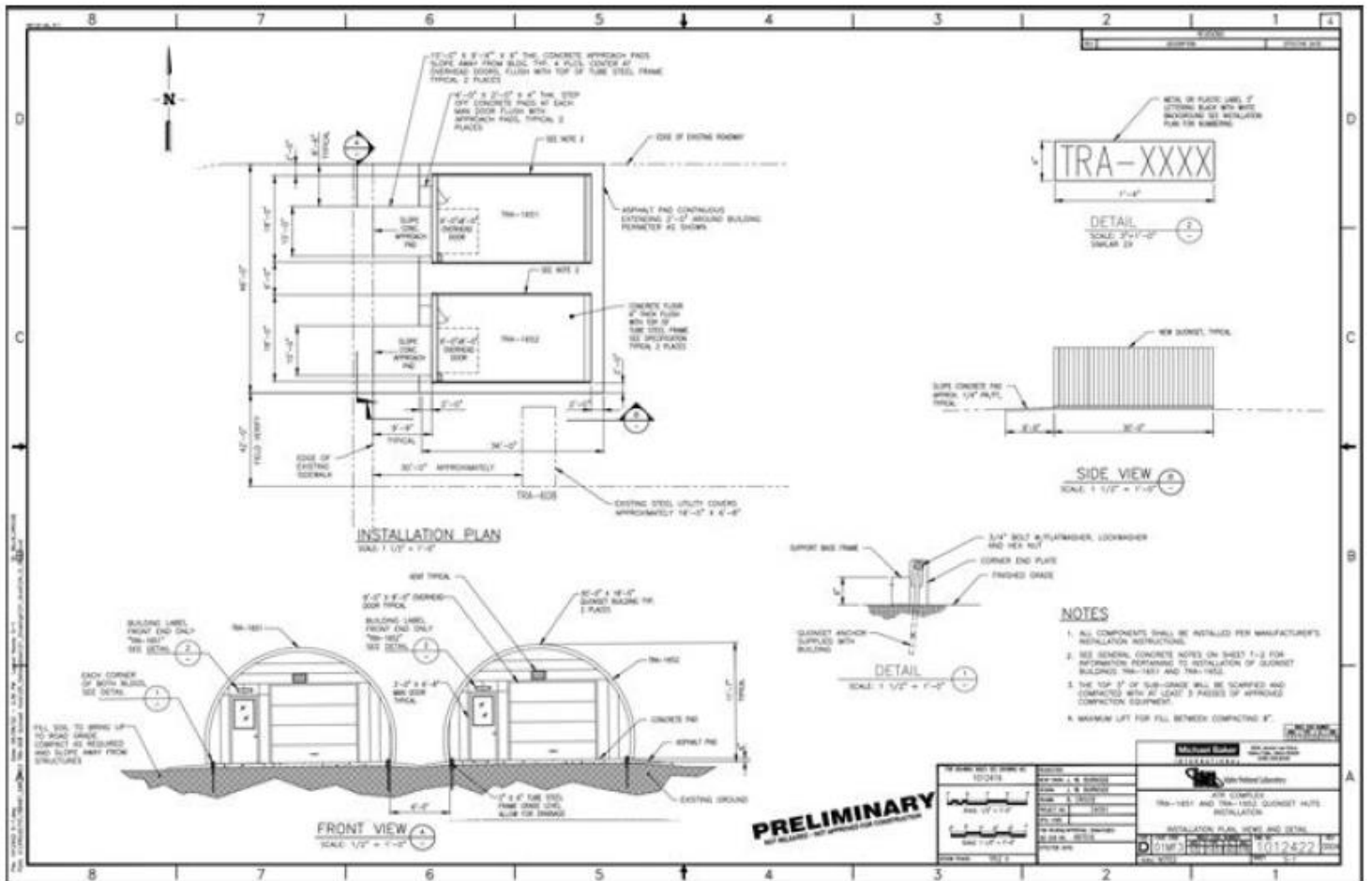
The proposed work scope will install four pre-engineered steel dome structures (Quonset Huts) with associated subgrade compaction, gravel base, and concrete floor (Figures 2 and 3). The steel dome structures will have inside dimensions of 18 ft x 30 ft. The gravel base course layer shall encompass all areas of building asphalt and concrete and extend a distance of 6 in. beyond the perimeter. Once the structures have been placed and anchored, a concrete floor will be constructed that will encompass the entire interior area of the structure. The project will also construct a 10 ft x 9 ft concrete driveway approach pad at the front (centered in front of overhead doors). No new ground disturbance will be needed, and the only utility will be a possible hook up to existing power. No alterations will be needed to existing structure.

Figure 1. Structure Locations

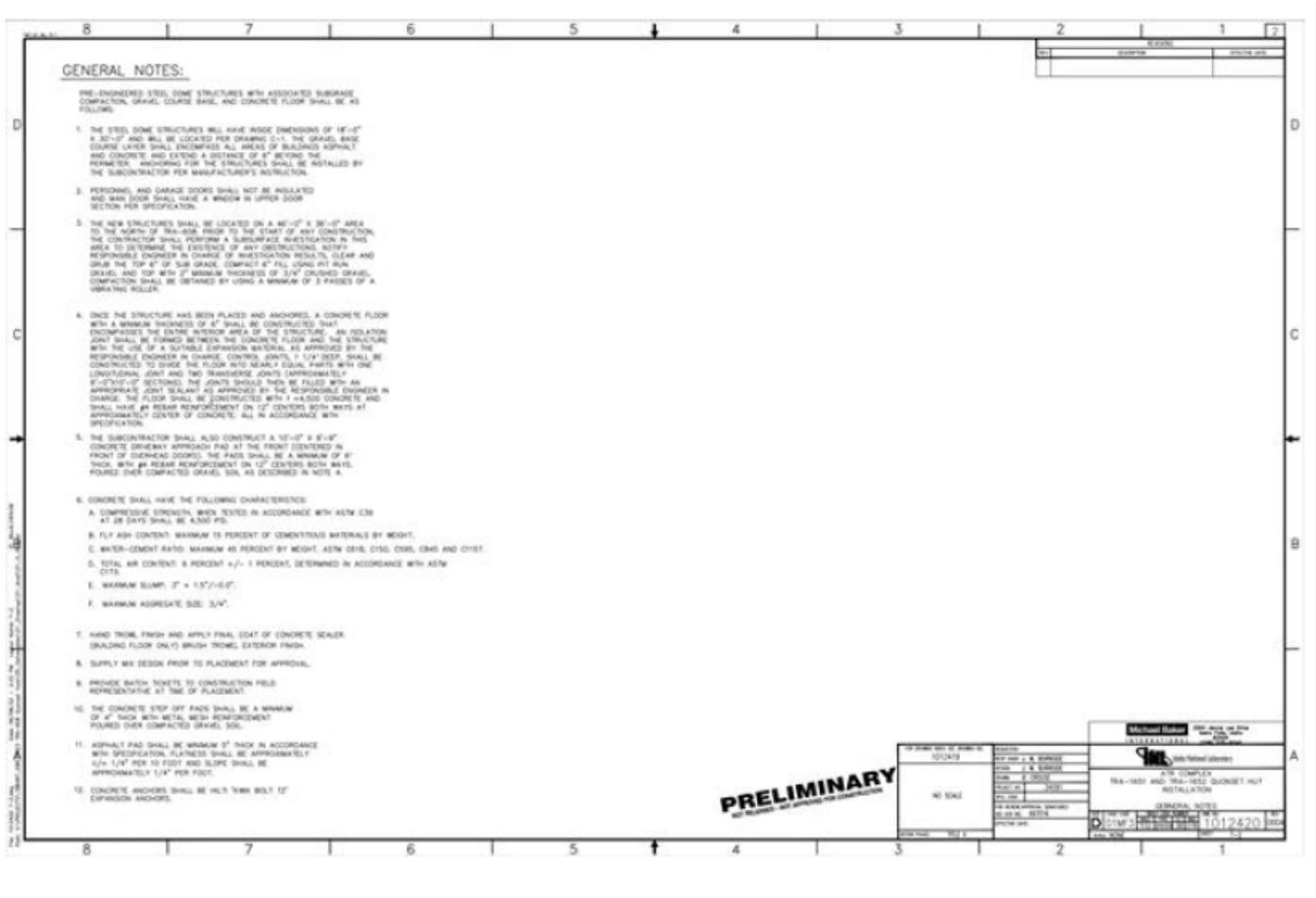


Layout and Dimensions

DOE-ID NEPA CX DETERMINATION Idaho National Laboratory



General Drawing Notes



SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Activities addressed by this EC have the potential to contribute to air emissions through:

- Generating air pollutants, including but not limited to chemical and combustion emissions
- Generating hazardous emissions, such as by operation of fuel burning equipment, use of construction or maintenance products that contain hazardous constituents, and disturbance of contaminated soils
- Acquiring and dispositioning chemicals
- Generating fugitive dust or other fugitive emissions
- Purchasing, relocating, operating, modifying, or maintaining portable air emission sources, including non-road internal combustion engines.

Discharging to Surface-, Storm-, or Ground Water

NA

Disturbing Cultural or Biological Resources

Activities addressed by this EC have the potential to disturb cultural or biological resources through the constructing facilities, structures, equipment and/or processes. A Cultural Resource Review was completed for this project. Please refer to BEA-22-H137.

Cultural: Pursuant to the 2023 Programmatic Agreement, this federal undertaking is excluded from Section 106 review as the proposed activity has little to no potential to cause effects to historic properties.

**DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory**

Generating and Managing Waste

Activities addressed will generate waste typical of construction activities.

Releasing Contaminants

When chemicals are used during the project there is the potential for spills that could impact the environment (air, water, soil).

Using, Reusing, and Conserving Natural Resources

Project description indicates materials will need to be purchased or used that require sourcing materials from the environment. Being conscientious about the types of materials used could reduce the impact to our natural resources.

DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

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:

B1.15 "Support buildings"

Justification:

Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities, such as activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.4, B6.5, B6.6, and B6.10 of this appendix.

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

Approved by Jason L. Anderson, DOE-ID NEPA Compliance Officer on: 8/8/2023