

**Construction Subcontractor
Office Trailer and Equipment Container**

LANL Requirements & Application for Approval

1. Siting

- A. Siting approval per [P 941](#), Site Planning when required (e.g., when over 6 months, including laydown yards). Subcontractor trailer siting will be included in overall laydown siting/approval. *LANL will be responsible for the submittal of a PRID and resolution of subsequent comments. LANL will GPS trailer location and update Building Locator for getting E911 address.*
- B. Utility Clearances: Comply with underground utilities and overhead power line right-of-way requirements in ESM Civil and Electrical Chapters (e.g., [Chapter 3 Civil](#) Section G30, e.g., G30GEN rev. 3 parts 9.0 and 10.0).
- C. Fire exposure: Site 75 feet away from permanent building and ensure proposed location been evaluated for fire separation distance requirements (NFPA 80A) based on fire hazard of the facility by FP Office. Separation distances between buildings under construction and trailers, containers, and other temporary structures must comply with NFPA 241 Section 4.2. Distance(s) may be less if NFPA 241 analysis calculation supports it and LANL approves.
- D. Fire Dept. Access: Ensure (i) emergency vehicle access to the site within 100 ft. of the proposed location, and (ii) the proposed location will not obstruct egress from, emergency vehicle access to or firefighting access to surrounding facilities. Unit(s) shall be assessable from all four sides. Access must allow manual firefighting capability (with hose) at a minimum.

2. Anchorage Requirements

- A. Provide LANL-acceptable anchorage (details in Application below).

3. Ingress/Egress Requirements

Comply with NFPA 101 and IBC Chapter 10 for stairs and other matters.

4. Fire Extinguisher

Provide Class ABC portable fire extinguisher and mount inside or outside. Provide additional fire extinguishers where travel distances inside structure exceed 75 feet.

5. Electrical Requirements

Comply with NFPA (NEC/NFPA 70). See Application below for detailed deliverables.

Application for Job Site Office Trailers and Storage Containers

Project and Applicant Information

Project Name _____

TA/Area _____

SUBCONTRACTOR Requestor _____

STR Requestor _____

Phone Contact _____

Email _____

Installing Entity for Trailer Electrical _____

Name/Title _____

Attach the following:

1. Siting: A site plan showing the trailer location, electrical service, other utilities, other structures and trailers.
2. Anchorage: Intended design (e.g., a copy of the trailer manufacturer's anchoring recommendations and details or Standard Detail [ST-Z1052](#) for ground-anchors allowable for temporary use)
 - a. The anchoring system shall resist a basic design wind speed of 104 mph.
3. Egress: A copy of the deck, stair, and landing plans and/or details for decks that will be constructed on site to serve one or more trailers.
4. Fire: Detailed location of the placement of fire extinguishers on the interior and exterior including the heights that they are mounted.
5. Electrical: A single line electrical diagram indicating:
 - a. Size, voltage, and phase configuration of electrical service
 - b. The location and size of electrical disconnect/overcurrent protection.
 - c. Grounding method (i.e., two ground rods 20' apart, connected by a 2 AWG bar copper wire in a trench with 30" of cover.

LANL (e., STR): Forward to Project Engineer who will ensure necessary reviews and return.