

ALAN PRE-FAB BUILDING CORPORATION Contractors License No. 269618

GENERAL SPECIFICATIONS

ALAN STEEL PAN BUILDINGS

Specifications listed are for engineered / Calif. HCD approved buildings only.

Specifiers may edit the particulars to suit individual project requirements.

CODES: California Title 25 Part 2, for Commercial Modular buildings, which includes, as amended: Title 24, Part 2 (California Building Code 2013 edition, including Disabled Access), Part 3 (California Electrical Code 2013 edition), Part 4 (California Mechanical Code 2013 edition), Part 5 (California Plumbing Code 2013 edition), Part 6 (California Energy Code 2013 edition). 28 CFR Part 36, (Federal American Disability Act 1994 edition)

Construction Type: II-B, Steel Frame, non-rated

Occupancy: B, Business

Design Loads: Floor: 50 PSF with 2000 pound concentrated load. Wind: 85 MPH Exposure C. Roof 20 PSF. Seismic: Design Category D. Climate Zone: 00 (site dependent 01-16)

Situs of building may require higher design loads and therefore larger framing members than described below

Size of building can be from 6’x6’ to 11’6”x20’ exterior. High eave height maximum approx 10’0”. Larger sizes than this sometimes possible and are dependent on wind loads and transportation restrictions

Fully assembled self framing interlocking sheet metal equipment enclosure with no floor (uses site built concrete slab as floor. Enclosure shall be approved by California Dept of Housing & Community Development for B (2013 CBC / 2010 IBC). Climate Zone xx

DIMENSIONS:

8' 0" Wide x 10'0" long x 8' 11" (high exterior)

DESIGN CRITERIA:

20PSF Roof with 30 PSF snow load, 15 PSF wind (90 MPH exp C), Seismic: Design Category D

Electrical: All wiring in 1/2" EMT surface mounted with #12 minimum copper conductors. 4"x4" boxes with surface covers. Installation per NEC standards.

Load Center: 125 amp, 120/240v single phase, 12/24 space lugs only. Eaton Cutler Hammer 1224L125DG. Plug in BR type breakers.

2 ea interior lights. Fluorescent, 4' 2 bulb, with prismatic diffuser covers

2 ea interior emergency lights, 90 minute run time.

2 ea exterior lights 300W halogen/quartz on photocell with manual off.

2 ea 15 amp 120v duplex receptacles

1 ea 15 amp 120v single receptacle, straight blade type.

2 ea Air conditioner heater units

2 ea 1095 CFM Exhaust Fans with T-stats and gravity louvers.

1 ea Intake hood for exhaust fans. Changable filter on inside, stainless steel insect screen outside.

Plumbing: None

HVAC: Mechanical Heat / Cool

Exits: 1

Insulation: R-20 Wall / Ceiling. 3" Rigid polyiso foam, with 1/2" gypsum drywall overlayment.

Interior Sheeting: 16G galvanized flat steel sheets, unpainted bare galvanized.

Gutters: None

MATERIALS:

Exterior walls an roof panels shall be 16 G (minimum) pre-galvanized (A527 G60) sheet metal interlocking panels, screwed to base track & top track 6"OC and to the adjacent panel at 8" OC.

Entry Doors:

Provide 1 each 6'-0" wide x7'0" high x 1-3/4" hollow steel door, foam filled, 18 G with 16 G steel frame, The active door shall include an integral steel astragal. The doors shall be fully weatherstripped with a one piece aluminum drip shield above, and one piece aluminum threshold. Surface mounted flush bolt on inactive door, top & bottom. 3 each, stainless steel door hinges, ball bearing, brushed chrome finish, NRP. Hydraulic door closer on active door. Corbin Russwin mortised lockset, with keyed lever exterior door trim & interior thumb turn deadbolt lock interior. .

ACCESSORIES:

4 ea 5/8" dia lifting eyes at exterior roof corners for craning.

FINISHES:

Exterior walls and roof shall be Polyester powder coated (TCI 10000 Sky White) over washed & prepared galvanized parts, 2.5 - 3.0 mil coating thickness. Interior walls, ceiling and doors shall be unpainted galvanized steel.

Equipment enclosure plans and calculations shall be signed & sealed by a professional engineer, registered in the state of California

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Los Angeles Works: **Internet e-mail Address: San Francisco Office**

17817 Evelyn Avenue sales@ modularbuildings.biz

Gardena, CA, 90248-4403 U.S.A.

Phone 1 (310) 538-0333 **World Wide Web Home Page** Phone 1 (510) 633-9975

FAX 1 (310) 538-0436 http://www.alanprefab.com