



Whitley Manufacturing Co., Inc.
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Building Type

Whitley Mobile Offices

Building Code

BOCA, UBC, SBCCL, NEC, ADA

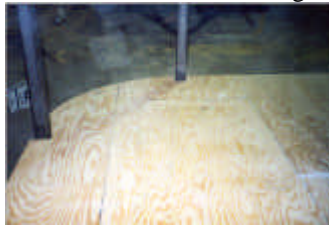
• **Structural Support**

- Outrigger construction is standard on Whitley Mobile Offices
- Main support beams to be minimum 8" 6.34# per lineal foot rolled < M >. I-beam
- Crossmember to be 3" formed c-channel on **Whitley** model OR support system.



• **Floor System**

- Bottom enclosure to be .040 thickness asphalt impregnated kraft paper with vermin barrier.
- R-19 fiberglass batt insulation.
- 2x6 #2 or better SPF minimum spaced 16" on center running transverse to structural support I-beam on **Whitley** model OR4012 support system.
- Floor decking to be single layer 5/8" tongue and groove underlayment grade plywood glued and nailed per Whitley fastening schedule.
- Floor covering to be 1/8" thick vinyl composition tile. (additional finishes may be supplied as an option)
- Base trim to be 1 1/4" woodgrain.



• **Exterior Walls**

- Framing will be 2x4 construction 16" on center per code. Minimum lumber grade to be #2 or better SPF.
- Wall height is 8'0" minimum.
- Wall covering shall be 1/4" woodgrain paneling.
- Insulation is minimum R-11 kraft faced fiberglass batts. All penetrations in exterior framing to be foamed or caulked to prevent air infiltration.
- Exterior siding shall be .019" thick vertical crimp aluminum siding with a baked enamel finish. Siding shall be installed over 3/8" CDX plywood or oriented strand board.



- **Interior Walls**

- 2x4 #2 or better SPF 16” on center with 8’ wall height unless noted differently on **Whitley** floor plans.
- All partition to be covered with ¼” woodgrain paneling.

- **Roof System**

- Minimum bow pitch rafters 16” on center. Roof to slope a minimum of 1/8” per lineal foot to the module side walls. Please refer to **Whitley** “Roof Profiles” sheet for further description.
- Ceiling to be pre-finished gypsum with no exposed fasteners.
- Roof insulation to be R-19 unfaced fiberglass batts.
- Roof sheathing to be 3/8” CDX plywood.
- Roof finish is 30GA galvanized steel with seams and edges sealed.

- **Doors and Hardware**

- Main Entry doors shall be reinforced fiberglass with an aluminum jamb (optional vision panel shown). Hardware shall include an ADA approved-keyed lever lock, closer, and vision lite if so desired.



- **Windows**

- Windows shall be 46x27 horizontal sliding with 1” mini blinds.

- **Whitley Electrical System**

- Each building module shall a minimum 100-amp single-phase load center.



- All wiring shall be minimum #14 cu romex.
- Receptacles and switches shall be installed per code and floor plans.
- Interior lighting shall be 12” x48” fluorescent type with prismatic lenses. Minimum lighting level shall be 50-foot candles through out all work areas.

- **Whitley Plumbing Systems (optional)**

- Water closets shall be low consumption floor mount tank type construction of vitreous china. ADA approved fixtures shall be provided as indicated on the **Whitley** floor plans.



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- Lavatory sinks shall be wall hung in a laminate counter-top. ADA approved fixtures shall be provided as indicated on the **Whitley** floor plans.



- - Supply piping to be type L copper.
 - Waste and Vent piping shall be a minimum of Schedule 40 PVC.
- **Restroom accessories**
 - Each water closet shall have (1) single roll chrome plated toilet tissue dispenser.
 - ADA approved grab bars shall be provided at all handicap accessible water closets.
 - Each restroom lavatory shall include an 18" x36" stainless steel mirror.
 - **Whitley HVAC systems**
 - Each building module shall have one wall mount self-contained air conditioner with electric resistance heat strips. HVAC units shall be sized per code and the heat loss gain calculations.



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- Supply ducting shall be minimum 7/16" thick foil faced fiberglass duct board. Each main trunk line shall have the proper transitions so, as air velocity does not decrease at the end of the duct run.
- HVAC controls shall be accomplished via manual change over heat and cool thermostats.
- Restroom exhaust shall be ceiling mounted and ducted through the building roof.

- **Whitley Supplied Furnishings**
 - Desks, plan tables, overhead shelving, and built in closets are some of the few optional furnishings that may be included in your Whitley mobile office.