



Whitley Manufacturing Co., Inc.
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Building Type

Whitley Outpatient Clinics and Physician Offices

Building Code

BOCA, UBC, SBCCI, NEC, ADA

• **Structural Support**

- Perimeter construction is standard on **Whitley** built medical facilities.
- Main support beams to be 12” 11.8# per lineal foot rolled M. I-beam
- Crossmember to be 8” 6.34# per lineal foot Jr. I-beam on **Whitley** PR model 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 longitudinal to intermediate support I-beam on **Whitley** model PR6412 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. (direct glue carpet may be provided as an option)
- Return air system to be fully ducted throughout the building, installed between floor joists. (Or may be installed above the ceiling as an option).
- Base trim to be 4” vinyl with toe in all rooms except restrooms, which will receive 6” vinyl.



• **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. Finished ceiling height to be 7’ 10 ½”
- Wall covering shall be ½” thick vinyl wrapped drywall with no exposed fasteners.
- Insulation is R-13 kraft faced fiberglass batts. All penetrations in exterior framing to be foamed or caulked to prevent air infiltration.
- Exterior siding is 5/8” thick (nominal) vertical groove siding as provided by Duratemp.
- All exterior trim shall be as supplied by “Georgia Pacific”, style to be textured “Prime Trim”.

- **Interior Walls**

- 2x4 #2 or better SPF 16” on center with 8’ wall height unless noted differently on **Whitley** floor plans.
- One hour rated partitions will be installed per code and extend to the underside of the roof system.
- Return air plenum walls shall be located per **Whitley** floor plans.
- All interior partitions to be insulated with 3 ½” fiberglass batt insulation to reduce sound transmission.
- All partition to be covered with ½” minimum vinyl wrapped drywall with no exposed fasteners.



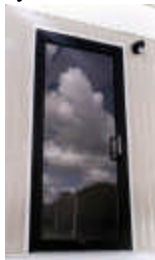
- **Roof System**

- Minimum 2x8 rafters 16” on center. Roof to slope a minimum of 1/8” per lineal foot to the module end walls. Please refer to **Whitley** “Roof Profiles” sheet for further description.
- Spans over open areas of the floor plan shall be accomplished using either built up plywood or Micro-Lam beam systems. Support posts will not obstruct any open work areas in the building.
- Ceiling to be 24”x48” fissured pattern installed in a white aluminum grid as supplied by USG or equal.
- Roof insulation to be R-22 unfaced fiberglass batts.
- Roof sheathing to be ½” CDX plywood under ¼” densdeck.
- Roof finish is fully adhered black EPDM.
- Decorative mansard to extend a minimum of 1 ½” beyond the face of the exterior walls and covered in the sale finish as the buildings siding. Please refer to **Whitley** “Mansard Profiles” sheet. Model number is MA-2



- **Doors and Hardware**

- Main entry doors shall be bronze frame commercial glass with ADA approved hardware, key cylinder, and closer



- Secondary egress doors shall be insulated steel with a wood jamb and brick-mold. Hardware shall include an ADA approved-keyed lever lock, closer, and choice of square or narrow style vision lite.

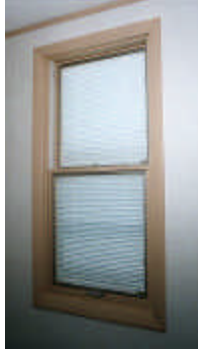


- Interior doors shall be solid core pre-finished woodgrain in a steel jamb. Doors shall be 20 minute UL labeled per the building code. Hardware shall include ADA approved passage or privacy sets, 1 ½ pair mortised hinges, and closers or spring hinges on the rated doors.
- All door quantities shall be as per the **Whitley** floor plans.



- **Windows**

- Windows shall be a bronze aluminum frame with dual pane glass. Size shall be 24”x52” and have a vertical sliding sash. Interior jambs shall be painted with matching 2 ¼” casing. All windows shall have 1” mini blinds for privacy and light control.



- **Whitley Electrical System**

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



- All wiring shall be minimum #12 installed in EMT conduit.
- Receptacles and switches shall be installed per code and floor plans.
- Interior lighting shall be 24”x48” troffer type with prismatic lenses. Minimum lighting level shall be 75-foot candles through out all exam rooms and work areas.
- Egress lighting shall be accomplished by use of exit-emergency lights with remote exterior heads and battery packs. Egress lighting shall be installed per the building code.



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- Phone and data rough ins shall be provided in each private office, workspace, and exam room. Rough in shall include an empty junction box with a conduit and pull wire extending to above the T-grid ceiling. Final wiring and devices shall be by the owner.

- **Whitley Plumbing Systems**

- 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 vitreous china. ADA approved fixtures shall be provided as indicated on the **Whitley** floor plans.
- Water heater shall be electric and sized per the fixture quantity on the Whitley floor plan.
- Exam room sinks shall be 15" x 15" stainless steel with gooseneck faucet per the floor plan.
- Janitors sink shall be 1-piece fiberglass on legs per the Whitley floor plan
- Supply piping shall 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.
- Each restroom, exam room sink, or workstation sink shall include a C-fold towel dispenser and a liquid soap dispenser.
- ADA approved grab bars shall be provided at all handicap accessible water closets.
- Each restroom lavatory shall include an 18" x 36" 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.
- Supply air diffusers shall be 24" x 24" 4-way design compatible with the T-grid ceiling system.
- 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.**
 - Each Whitley Medical Building shall have base and overhead cabinetry per the floor plan. All base cabinets shall include high pressure laminate counter tops in the customers choice of in stock colors.



Fine examples of Whitley built medical buildings



*Finishes may vary slightly by manufacturing location