

1. Vitreous china, ASME A112.19.2, floor mounted, siphon jet flush action, china bolt caps.
2. Flush Valve: Exposed (top spud).
3. Flush Operation: Sensor operated.
- B. Flush Valves:
1. Valve Supply Size: 1 inch.
2. Sensor-Operated:
- a. Type: ASME A112.19.5; chloramine-resistant clog-resistant dual-seat diaphragm valve complete with vacuum breaker, stops and accessories.
- b. Mechanism: Solenoid-operated piston or electronic motor-actuated operator with low-voltage powered infrared sensor, and mechanical override or override push button.
- c. Supplied Volume Capacity: 1.2 gal per flush.
3. Exposed Type: Chrome-plated, escutcheon, integral screwdriver stop.
- C. Toilet Seats:
1. Plastic: Solid, white finish, elongated shape, open front, slow-closing hinged seat cover, extended back complete with self-sustaining hinges, and brass bolts with covers.

2.04 WALL HUNG URINALS

- A. Vitreous china, ASME A112.19.2, wall hung with side shields and concealed carrier.
1. Consumption Volume: 1.0 gal per flush, maximum.
2. Flush Valve: Exposed (top spud).
3. Flush Operation: Sensor operated.
4. Trapway Outlet: Integral.
- B. Flush Valves:
1. Sensor-Operated:
- a. Type: ASME A112.19.5; chloramine-resistant, clog-resistant dual-seat diaphragm valve with vacuum breaker, stops and accessories.
- b. Mechanism: Solenoid-operated piston or electronic motor-actuated operator with low-voltage powered infrared sensor, and mechanical override or override push button.
- c. Supplied Volume Capacity: 1.2 gal per flush.
2. Exposed Type: Chrome-plated, escutcheon, integral screwdriver stop.
- C. Urinal Carriers:
1. ASME A112.6.1M; cast iron and steel frame with tubular legs, lugs for floor and wall attachment, threaded fixture studs for fixture hanger, bearing studs.

2.05 LAVATORIES

- A. Wall-Hung Basin:
1. Vitreous China, Grade A: ASME A112.19.2; white, rectangular commercial-grade sink with predrilled holes, rear-center drain, front overflow, and hanger. Size as indicated on drawings with 4-inch centerset spacing.
2. Carrier:
- a. ASME A112.6.1M; cast iron and steel frame with tubular legs, lugs for floor and wall attachment, threaded studs for fixture hanger, bearing plate and studs.
- B. Drop-In Basin:
1. Vitreous China: ASME A112.19.2; self-rimming, white, square shape, front overflow, soap depression, seal of putty, caulking, or concealed vinyl gasket, and white finish. Size as indicated on drawings with 4-inch centerset spacing.
- C. Supply Faucet:
1. ASME A112.18.1; chrome plated combination supply fitting with pop-up waste, water economy aerator with maximum flow of 2.2 gpm, indexed handles.
2. Single-Lever Handle, Supply Faucet: ASME A112.18.1; deck-mount, ceramic cartridge disc valve, and maximum flow of 1.2 gpm.
- D. Sensor Operated Faucet:
1. Spout Style: Standard.
2. Power Supply:
- a. Wired: 6 VDC, field-wired into dedicated or common power supply.
- b. Wireless:
- 1) Battery: Replaceable alkaline or lithium type with 200,000 cycles, minimum.
- 2) Light Cell: Photovoltaic or infra-red cell that transforms both sunlight and artificial light into electrical energy for use and battery charging.
- 3) Low Battery Warning: Provide red or yellow colored indicator to light periodically at 30 days of remaining capacity and continuously 2 weeks prior to get fully discharged.
3. Mixing Valve: None, single line for tempered water.
4. Water Supply: 3/8 inch compression connections.
5. Aerator: Vandal resistant, 0.5 gpm, laminar flow device.
6. Automatic Shut-off: 30 seconds.
7. Finish: Polished chrome.
- E. Thermostatic Mixing Valve:
1. ASSE 1070 water temperature limiting valve.
- F. Accessories:
1. Chrome-plated 17 gauge, 0.0538 inch brass P-trap with clean-out plug, tailpiece, and escutcheon.

2.06 SINKS

- A. Single Compartment Bowl
1. ASME A112.19.3; ____ by ____ by ____ inch outside dimensions, 18 gauge, 0.050 inch thick, type 304 stainless steel, self-rimming and undercoated, with ledge back drilled for trim.
2. Drain: 1-1/2 inch chromed brass.
- B. Double Compartment Bowl:
1. ASME A112.19.3; ____ by ____ by ____ inch outside dimensions, 18 gauge, 0.050 inch thick, type 304 stainless steel, self-rimming and undercoated, with ledge back drilled for trim.
2. Drain: 1-1/2 inch chromed brass.
- C. Faucets:
1. Two-Handle Faucet:
- a. Type: Deck-mount, lever operated faucet with mounting plate.
- b. Spray Type: Full stream spray at 1.75 gpm, maximum.
- c. ASME A112.18.1, ADA Standards, and NSF 61 compliant assembly.
- d. Materials: Stainless steel disc valve on brass body with polished chrome finish.
- D. Accessories: Provide braided water supply lines, slip-joint p-trap, and stainless steel basket strainer.

2.07 SUPPLY STOPS

- A. Description: ASME A112.18.1, quarter-turn full-port brass ball valve.
- B. Operation: Handwheel or T-handle.
- C. Finish: Polished chrome.
- D. End Connections: Provide supply stops with end connections to match rough-in piping.
- E. Maximum Working Pressure: 125 psi.
- F. Working Temperature Range: 33 to 160 degrees F.

2.08 UNDER-LAVATORY PIPE SUPPLY COVERS

- A. General:
1. Insulate exposed drainage piping including hot, cold and tempered water supplies under lavatories or sinks per ADA Standards.
2. Adhesives, sewing threads and two ply laminated materials are prohibited.
3. Exterior Surfaces: Smooth nonabsorbent with no finger recessed indentations for easy cleaning.
4. Construction: 1/8 inch PVC with antimicrobial, antifungal and UV resistant properties.
- a. Comply with ASME A112.18.9 for covers on accessible lavatory piping.
- b. Comply with ICC A117.1.
5. Color: High gloss white.
6. Fasteners: Reusable, snap-locking fasteners with no sharp or abrasive external surfaces. No cable ties allowed.

2.09 ELECTRIC WATER COOLERS

- A. Water Cooler: Electric, mechanically refrigerated; surface mounted, ADA compliant; stainless steel top, vinyl on steel body, elevated anti-squirt bubbler with stream guard, automatic stream regulator, push button, mounting bracket; integral air cooled condenser and stainless steel grille.
1. Capacity: 8 gph of 50 degrees F water with inlet at 80 degrees F and room temperature of 90 degrees F, when tested in accordance with ASHRAE Std 18.
2. Electrical: 115 VAC, 60 Hertz compressor, 6 foot cord and plug for connection to electric wiring system including grounding connector.

2.10 SERVICE SINKS

- A. Bowl: 24 by 24 by 10 inches high, white molded stone, floor mounted, with 1-inch wide shoulders, vinyl bumper guard, stainless steel strainer.

- B. Trim: ASME A112.18.1 exposed wall type supply with cross handles, spout wall brace, vacuum breaker, hose end spout, strainers, eccentric adjustable inlets, integral screwdriver stops with covering caps and adjustable threaded wall flanges.
- C. Two-Lever Handle Service Faucet:
1. Type: Wall-mount spout faucet with union inlets and mounting plate.
2. Spray Type: Full stream spray at 1.8 gpm, maximum.
3. ASME A112.18.1, ADA Standards, and NSF 61 compliant assembly.
4. Materials: Ceramic disc cartridge valve on brass body with polished chrome finish.
- D. Accessories:
1. 5 feet of 1/2 inch diameter plain end reinforced plastic hose.
2. Hose clamp hanger.
3. Mop hanger.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Install components level and plumb.
- C. Secure fixtures in place.
- D. Install rigid or flexible supplies to fixtures. Provide supply stops, reducers, and escutcheons.
- E. Install new batteries in battery-powered fixtures at time of Date of Substantial Completion.



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FOR PERMIT &
CONSTRUCTION

Revision Schedule		Description	
Rev. #	Date	Rev. #	Date

NEW Arcare MEDICAL OFFICE BUILDING 2709 Massard Rd FT. SMITH, AR 72903	Arcare 117 S. 2ND ST. AUGUSTA, AR 72006
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DATE 06-15-2026	DRAWN BY CO
PROJECT # 2517	CHECKED BY JT

SHEET P002 PLUMBING SPECIFICATIONS
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