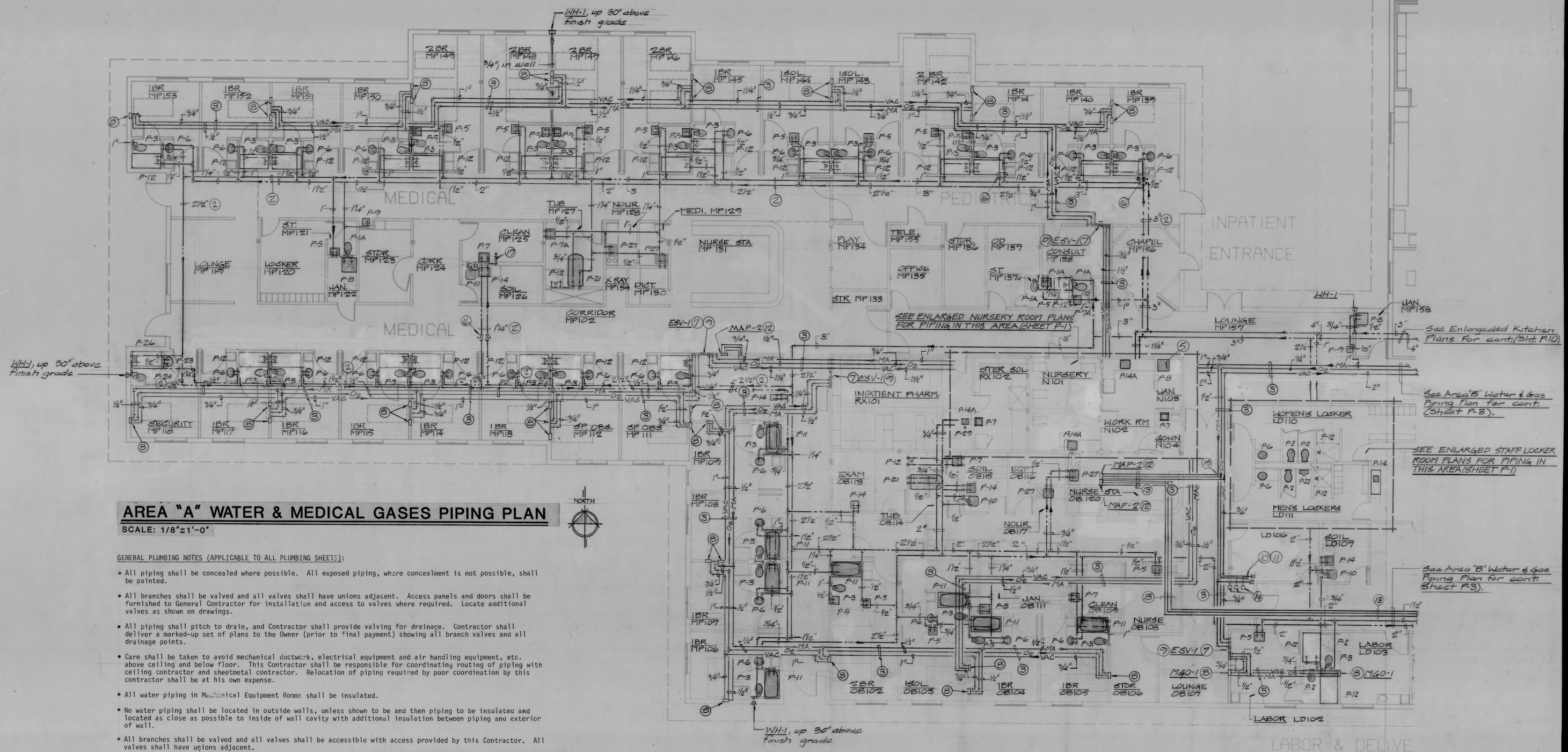
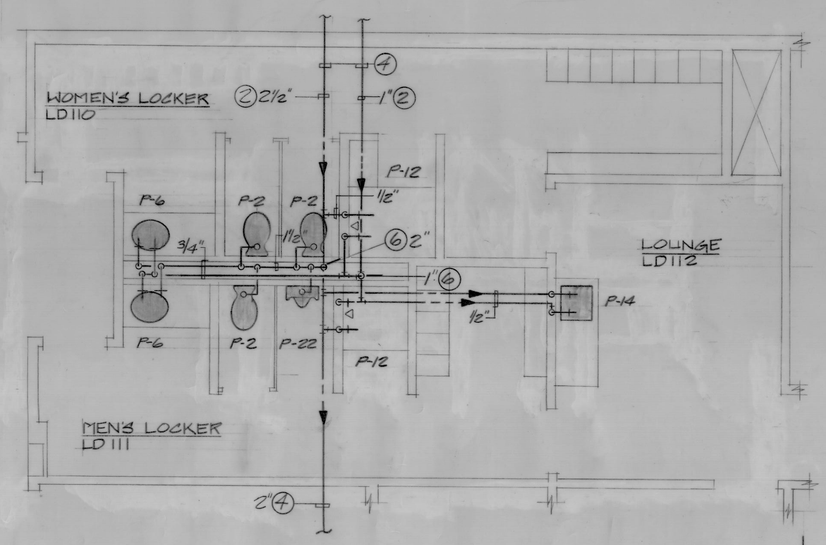


AREA "A" WATER & MEDICAL GASES PIPING PLAN

SCALE: 1/8"=1'-0"

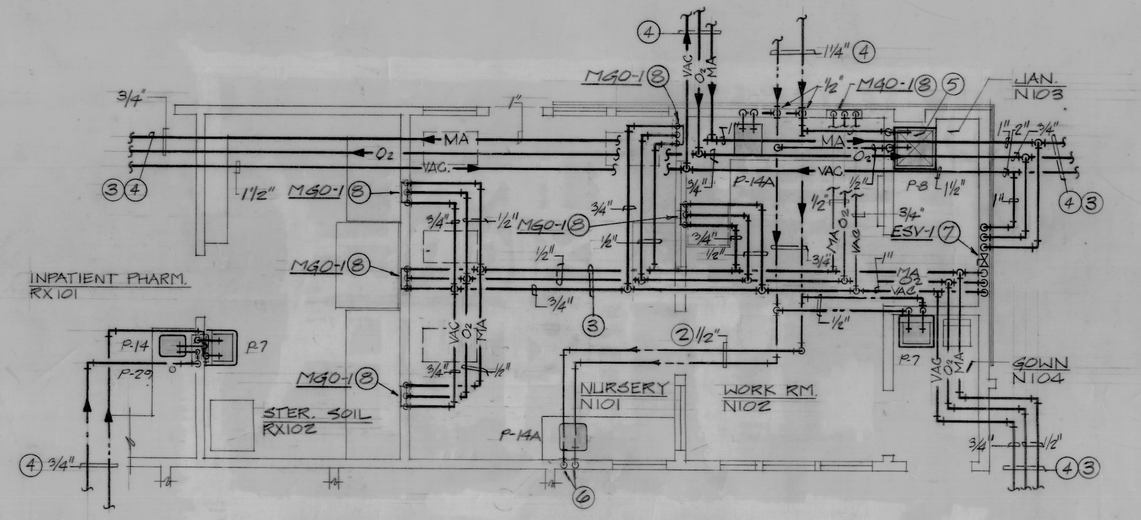
GENERAL PLUMBING NOTES (APPLICABLE TO ALL PLUMBING SHEETS):

- All piping shall be concealed where possible. All exposed piping, where concealment is not possible, shall be painted.
- All branches shall be valved and all valves shall have unions adjacent. Access panels and doors shall be furnished to General Contractor for installation and access to valves where required. Locate additional valves as shown on drawings.
- All piping shall pitch to drain, and Contractor shall provide valving for drainage. Contractor shall deliver a marked-up set of plans to the Owner (prior to final payment) showing all branch valves and all drainage points.
- Care shall be taken to avoid mechanical ductwork, electrical equipment and air handling equipment, etc. above ceiling and below floor. This Contractor shall be responsible for coordinating routing of piping with ceiling contractor and sheetmetal contractor. Relocation of piping required by poor coordination by this contractor shall be at his own expense.
- All water piping in Mechanical Equipment Rooms shall be insulated.
- No water piping shall be located in outside walls, unless shown to be and then piping to be insulated and located as close as possible to inside of wall cavity with additional insulation between piping and exterior of wall.
- All branches shall be valved and all valves shall be accessible with access provided by this Contractor. All valves shall have unions adjacent.
- See Architectural Drawings for Owner furnished, Contractor installed equipment that requires piping connections, etc.
- All trenching and backfill for piping shall be the responsibility of this Contractor.
- Carefully coordinate placement of floor drain, floor sinks, water closets, etc. to clear floor joists.
- Contractor shall insulate all domestic water piping (cw, hw, hw recirculating and deionized water) located in crawl space.



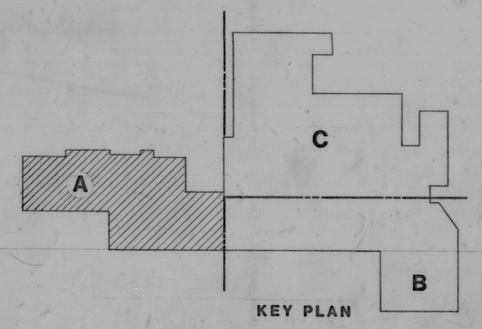
STAFF LOCKER ROOM - WATER PIPING PLAN

SCALE: 1/4"=1'-0"



NURSERY ROOM - WATER & MEDICAL GASES PIPING PLAN

SCALE: 1/4"=1'-0"



SPECIFIC NOTES:

1. Install per detail in Specifications.
2. Piping located below floor, coordinate locations to clear structural footings, mechanical equipment, ductwork, etc. below floor. Provide sleeves thru all grade beams. Coordinate locations with Structural Drawings.
3. Piping located above ceiling, coordinate locations to clear structural supports, mechanical equipment, lights, electrical equipment, ductwork, etc. above ceiling.
4. See 1/8" Scale Floor Plan for continuation of piping.
5. Coordinate location of service sink with Architectural Drawings, reroute piping as necessary
6. HW and CW rise from below floor.
7. Piping drop in wall and connect to emergency shut-off valve, ESV-1, mount valves 3'-11" above finish floor. Extend piping up in wall to above ceiling.
8. ½" oxygen, ½" medical air and 3/4" vacuum piping drop in wall. Install medical gas outlets, MGO-1 as detailed on Sheet A-32.
9. Provide and install engraved label mounted 4'-0" above floor adjacent to ESV-1. Identify as shut-off valves for room numbers actually served by valves.
10. Cap piping above ceiling for future extension by others
11. Identify locations of piping above ceiling with engraved label on wall next to ceiling listing services; Med.Air, Oxygen, Vac. above ceiling.
12. Install medical alarm panel in wall up 5'-6" above finish floor to top of box. Coordinate with electrical switches, etc.
13. ¼" copper control lines above ceiling. Connect to medical alarm panel.
14. Locate pressure switches (furnished with MAP-3) in piping above ceiling. See Electrical Drawings for wiring and conduit to alarm panel MAP-3.
15. Connect ¼" copper control lines to service piping.
16. Provide and install line size gate valve for fixture group isolation. Typical of all branches and fixture groups throughout building.
17. Extend ½" cw supply with gate valve thru wall and connect to ice machine (installed by others under another section of this Contract).

FIRE PROTECTION NOTE:

This entire building shall be provided with a complete automatic, wet pipe, fire protection sprinkler system. In areas with ceilings, all piping shall be concealed. In areas where piping is exposed, all pipe, fittings and hangers shall be painted, color as directed by Architect. All exposed piping shall be run high as possible and shall be coordinated with structure, ductwork, openings and lighting to be as inconspicuous as possible. Degree of protection shall be "Light Hazard". Lay-out shall be submitted for approval to the Architect. All required approvals shall be obtained before ordering materials or beginning fabrication. All areas shall have chrome plated heads (upright or pendent as required by construction) temperature rated at 165-deg.F, except 212-deg.F in Mechanical Rooms.

Design and installation shall conform to the latest edition of NFPA 13.

This Contractor shall provide and install all flow switches required for proper zoning of system. See Electrical Drawings and diagrams for actual areas served by Fire Alarm System.

The sprinkler system shall include all crawl space areas and above ceiling areas required to be sprinkled by NFPA. Provide anti-freeze loop for areas subject to freezing.

REGISTERED PROFESSIONAL ENGINEER — ALLISON ENGR. INC. ALBUQUERQUE — 3845 — NEW MEXICO — ROBERT P. FRIGGERS

82-102

REV	DATE	DESCRIPTION	BY
	6-29-87	AS BUILT	AEI

DEPARTMENT OF HEALTH & HUMAN SERVICES
OFFICE OF FACILITIES ENGINEERING
REGIONAL OPERATIONS FOR FACILITIES ENGINEERING & CONSTRUCTION, DALLAS, TX

CROWNPOINT
COMPREHENSIVE INDIAN HEALTH FACILITY

b/s · fmb
brown & seales, inc. — flatow moore bryan & associates
7113 prospect pl ne albuquerque, nm 87110 505/884-3996
A JOINT VENTURE

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