

GENERAL NOTES

1. ALL GENERAL NOTES, SCHEDULES AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.
2. PLUMBING WORK IS INDICATED DIAGRAMMATICALLY. EXACT LOCATIONS OF ALL COMPONENTS (NEW AND EXISTING) ARE TO BE DETERMINED IN THE FIELD AND BY THE ACTUAL BUILDING CONDITIONS. EQUIPMENT AND PIPING INTERFERING WITH OTHER INSTALLATIONS SHALL BE RELOCATED AS REQUIRED.
3. COORDINATE ALL PENETRATIONS WITH GENERAL CONTRACTOR. SEE ARCHITECTURAL DRAWINGS FOR PENETRATION DETAILS. PLUMBING CONTRACTOR SHALL PROVIDE FLASHING AND COUNTER FLASHING FOR ROOF PENETRATIONS AS REQUIRED.
4. PROVIDE PIPE SUPPORTS, GUIDES AND OFFSETS AS NECESSARY TO PREVENT UNDUE STRAIN ON PIPING.
5. SEE DETAILS AND PIPING DIAGRAMS FOR ADDITIONAL VALVES AND FITTINGS NECESSARY FOR COMPLETE PIPING SYSTEMS.
6. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS.
7. CONTRACTOR SHALL FIELD VERIFY ALL CLEARANCES AND DIMENSIONS.
8. PROVIDE ACCESS PANELS FOR ALL CONCEALED SHUT-OFF VALVES EXCEPT THOSE ABOVE SUSPENDED CEILING.

PLAN NOTES:

1. SEE GRADING, UTILITIES & EROSION CONTROL PLAN FOR CONTINUATION OF CITY WATER, STORM DRAIN AND SANITARY PIPING SYSTEMS.
2. SANITARY BUILDING DRAIN AND RAIN WATERLINES BELOW GRADE SHALL SLOPE 1/4" PER FOOT UNLESS NOTED OTHERWISE.
3. SANITARY BUILDING DRAIN AND RAIN WATERLINES ABOVE GRADE SHALL SLOPE 1/4" PER FOOT UNLESS NOTED OTHERWISE.

PLUMBING GENERAL NOTES:

1. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND EXACT LOCATIONS AND ARRANGEMENTS OF EXIST/NEW EQUIPMENT, DUCTWORK, PIPING AND OTHER COMPONENTS SHALL BE DETERMINED IN THE FIELD WITH DUE CONSIDERATION OF STRUCTURAL, ELECTRICAL AND ARCHITECTURAL SYSTEMS. EXISTING STRUCTURAL SYSTEMS SHALL NOT BE MODIFIED WITHOUT THE EXPRESS PERMISSION OF THE ARCHITECT.
2. THE PROJECT SHALL BE PHASED IN ACCORDANCE WITH THE CONTRACTOR'S PHASING PLAN. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE HOSPITAL/ARCHITECT FOR THE SEQUENCING AND TIMING OF OPERATIONS PRIOR TO COMMENCING WORK.
3. CONTRACTOR IS TO MAINTAIN HVAC AND PLUMBING SERVICE TO ROOMS OUTSIDE THE PROJECT SCOPE OF WORK AND PHASING SCHEDULE. IF INTERRUPTION OF SERVICE IS REQUIRED COORDINATE SHUTDOWN WITH HOSPITAL. NOTIFY THE HOSPITAL A MINIMUM OF 5 DAYS PRIOR TO SHUT-DOWN.
4. COORDINATE REMOVALS AND RELOCATION'S INCLUDING SELECTIVE CUTTING AND PENETRATIONS WITH ARCHITECTURAL, MECHANICAL, STRUCTURAL AND ELECTRICAL.
5. WHERE INDICATED ON THE DRAWINGS, REMOVE OR RELOCATE EXISTING COMPONENTS AS REQUIRED TO ACCOMMODATE THE NEW WORK. REMOVALS SHALL INCLUDE ALL ASSOCIATED OFF-SITE DISPOSAL COSTS.
6. CARE SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SYSTEMS AND SURFACES TO REMAIN. RESTORE DAMAGED AREAS THAT ARE BEYOND THE SCOPE OF THIS CONTRACT TO THEIR ORIGINAL CONDITION.
7. AT THE END OF EACH WORKING DAY, THE CONSTRUCTION SITE SHALL BE LEFT IN A CLEAN AND NEAT MANNER.
8. SPRINKLER PIPING AND HEADS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. THE SPRINKLER CONTRACTOR SHALL VERIFYING THE EXACT LOCATION, SIZE, QUANTITY, OF ALL SPRINKLER SYSTEM COMPONENTS. TO THE EXTENT POSSIBLE EXISTING SPRINKLER HEADS BRANCH RUNOUTS AND MAINS ARE TO REMAIN IN PLACE FOR REUSE. THE SPRINKLER SYSTEM SERVING THE RENOVATED AREA SHALL BE DESIGNED AND INSTALLED IN FULL COMPLIANCE WITH NFPA. SEE SPECIFICATION 15300. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR LOCATIONS OF LIGHTS, DIFFUSERS, CEILING GRID AND SOFFITS.
9. ALL PARTITION WALLS ARE FULL HEIGHT EXTENDING FROM THE FLOOR TO THE CONCRETE DECK ABOVE.
10. FIELD VERIFY EXISTING EQUIPMENT AND PIPING PRIOR TO REMOVAL OR REUSE. CONFIRM WITH MMC THAT ALL EQUIPMENT AND PIPING DESIGNATED TO BE REMOVED IS NO LONGER IN SERVICE PRIOR TO ITS REMOVAL.
11. EXISTING EQUIPMENT AND PIPING TO REMAIN IN SERVICE SHALL BE INSPECTED AND RESTORED TO GOOD SERVICEABLE CONDITION. REPAIR OR REPLACE AS REQUIRED.
12. INFILL ALL NEW OR EXISTING ABANDONED FLOOR SLAB PENETRATIONS WITH GROUT, FULL THICKNESS OF SLAB. MAINTAIN 2 HR.
13. FIRE RATING. ALL EXISTING CONCRETE FLOORS AND CHASES ARE 2 HOUR FIRE RATED. FILL AND PATCH ALL OPENINGS IN WALLS WHERE CONDUITS, PIPES, DUCTS ETC. ARE, OR HAVE BEEN REMOVED. MAINTAIN ALL FIRE RATINGS.
14. ALL UNUSED (ABANDONED), PIPING AND EQUIPMENT INDICATED TO BE REMOVED SHALL BE REMOVED AND CAPPED.
15. ALL EXISTING PIPING AND EQUIPMENT NOT SHOWN ON THE DWGS. SHALL REMAIN WITH NO CHANGE UNLESS NOTED OTHERWISE.
16. TIE-IN POINT LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL DETERMINE EXACT LOCATIONS IN THE FIELD BASED ON EXISTING CONDITIONS.
17. ALL DOMESTIC WATER SUPPLY, VENT AND MEDICAL GAS PIPING SHALL BE RUN ABOVE CEILINGS OR WITHIN PARTITIONS UNLESS OTHERWISE NOTED.
18. PLUMBING RISERS SHALL BE RUN CONCEALED WITHIN WALLS OR CHASES. COORDINATE WITH ARCHITECTURAL DRAWINGS.
19. COORDINATE FINAL LOCATIONS OF MEDICAL GAS OUTLETS, AND VALVE BOXES WITH ARCHITECT.

PLUMBING LEGEND

| | | | |
|------|-------------------------------------|------|--|
| ---- | NEW PLUMBING VENT PIPING | | POINT OF CONNECTION TO EXISTING |
| ---- | NEW PLUMBING HOT WATER PIPING | | NEW PLUMBING FIXTURE |
| ---- | NEW PLUMBING COLD WATER PIPING | | RELOCATED PLUMBING FIXTURE |
| ---- | NEW PLUMBING SANITARY PIPING | | EXISTING PLUMBING FIXTURE |
| ---- | NEW MEDICAL GAS PIPING | ---- | NEW MEDICAL GAS ALARM PANEL OR VALVE BOX |
| ---- | EXISTING PLUMBING VENT PIPING | ---- | EXISTING MEDICAL GAS ALARM PANEL OR VALVE BOX |
| ---- | EXISTING PLUMBING HOT WATER PIPING | ---- | NEW WALL MOUNTED RECESSED MEDICAL VACUUM OUTLET |
| ---- | EXISTING PLUMBING COLD WATER PIPING | ---- | NEW WALL MOUNTED RECESSED MEDICAL OXYGEN OUTLET |
| ---- | EXISTING PLUMBING SANITARY PIPING | ---- | NEW WALL MOUNTED RECESSED MEDICAL AIR OUTLET |
| ---- | EXISTING MEDICAL GAS PIPING | ---- | EXISTING WALL MOUNTED RECESSED MEDICAL VACUUM OUTLET |
| | BALANCING VALVE | | EXISTING WALL MOUNTED RECESSED MEDICAL OXYGEN OUTLET |
| | BALL VALVE | | NEW WALL MOUNTED RECESSED MEDICAL AIR OUTLET |
| | BACK FLOW PREVENTER | | AUTOMATIC AIR VENT |
| | CHECK VALVE | | MANUAL AIR VENT |
| | GATE VALVE | | |
| | PRESSURE REDUCING VALVE | | |
| | SHUT-OFF VALVE | | |
| | STRAINER | | |
| | UNION | | |
| | GAS METER | | |
| | WATER METER | | |
| | WATER HAMMER ARRESTER | | |
| | PIPE SLOPE | | |
| | P-TRAP | | |
| | DIRECTION OF FLOW | | |
| | PIPE UP / RISE | | |
| | PIPE DOWN / DROP | | |

ABBREVIATIONS:

| | | | | | |
|-------|-----------------------------|--------|-------------------------------|------|---------------------------|
| A | COMPRESSED AIR | FLR | FLOOR | RHR | REHEAT HOT WATER RETURN |
| AAV | AUTO AIR VENT | FIN | FINISH | RV | RELIEF VALVE |
| ABV | ABOVE | FPHB | FREEZEPROOF HOSE BIBB | RW | RAIN WATER LINE |
| AD | DUCT ACCESS DOOR | FT | FOOT/FEET | RWL | RAIN WATER LEADER |
| AFF | ABOVE FINISH FLOOR | FTR | FINITUBE RADIATION | SA | SHOCK ABSORBER |
| AFG | ABOVE FINISH GRADE | FU | FIXTURE UNIT | SAN | SANITARY |
| AP | ACCESS PANEL | FSD | COMBINATION FIRE SMOKE DAMPER | SAT | SUSPENDED ACOUSTICAL TILE |
| AS | TANGENTIAL AIR SEPERATOR | GALS | GALLONS | SD | STORM DRAIN |
| BEL | BELOW | GC | GENERAL CONTRACTOR | SDR | SMOKE DAMPER |
| BFP | BACK FLOW PREVENTER | GPM | GALLONS PER MINUTE | SPEC | SPECIFICATION |
| BS | BELOW SLAB | GV | GATE VALVE | TCP | TEMPERATURE CONTROL PANEL |
| C&HW | COLD & HOT WATER | H | HEIGHT | TW | TEPID WATER |
| CD | CONDENSATE DRAIN | HTR | HEATER | TYP | TYPICAL |
| CHS | CHILLED WATER SUPPLY PIPING | HW | HOT WATER | U.G. | UNDER GRADE |
| CHR | CHILLED WATER RETURN PIPING | IN. | INCHES | U.S. | UNDER SLAB |
| CLG | CEILING | INV | INVERT | V | VENT |
| CO | CLEAN OUT | I.P.C. | INTERNATIONAL PLUMBING CODE | VB | VACUUM BREAKER |
| COL | COLUMN | IR | INDIRECT WASTE | VIF | VERIFY IN FIELD |
| CONN | CONNECTION | L | LAVATORY | VTR | VENT THRU ROOF |
| CW | COLD WATER | MA | MEDICAL AIR | W | WASTE |
| D | DRAIN | MBH | 1000 BTU/HR. | W/ | WITH |
| DIA | DIAMETER | MD | MOTORIZED DAMPER | WC | WATER CLOSET |
| DN | DOWN | MV | MEDICAL VACUUM | WOO | WALL CLEAN OUT |
| DWG | DRAWING | NOM | NOMINAL | WH | WATER HEATER |
| EC | ELECTRICAL CONTRACTOR | NTS | NOT TO SCALE | | |
| EL | ELEVATION | O | OXYGEN | | |
| EXIST | EXISTING | PC | PLUMBING CONTRACTOR | | |
| FC | FLEXIBLE CONNECTION | PRV | PRESSURE REDUCING VALVE | | |
| FCO | FLOOR CLEAN OUT | RD | ROOF DRAIN | | |
| FD | FLOOR DRAIN | RED | REDUCER | | |
| FDR | FIRE DAMPER | RHS | REHEAT HOT WATER SUPPLY | | |

| PLUMBING EQUIPMENT SCHEDULE | | | | | | |
|-----------------------------|--------------------|------|------|-------|----------------|--|
| TAG | DESCRIPTION | HW | CW | WASTE | INDIRECT WASTE | NOTES: |
| P-1 | WATER CLOSET (ADA) | --- | 1" | 4" | --- | W/ HANDHELD BEDPAN CLEANER. ALL TRIM TO BE CONCEALED. SEE SPECIFICATION. |
| P-2 | CLINICAL SINK | 1/2" | 1/2" | 2" | --- | UNDERMOUNT TO CORIAN COUNTER. EYEWASH AS INDICATED ON PLANS. |
| P-3 | NOT USED | --- | --- | --- | --- | |
| P-4 | NOT USED | --- | --- | --- | --- | |
| P-5 | CLINICAL SINK | 1/2" | 1/2" | 2" | --- | |
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| NOTES: | | | | | | |



ARCHITECTS
INTERIORS
PLANNERS

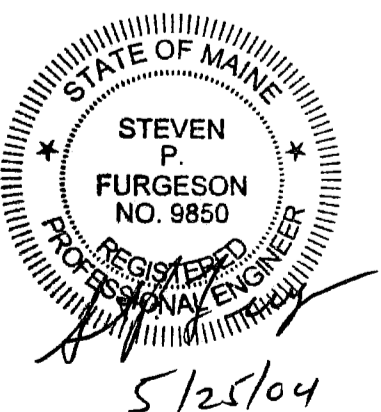
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RENOVATIONS TO
RICHARD'S 4th FLOOR
INTERMEDIATE CARE
UNITS

MAINE MEDICAL CENTER
Portland, Maine

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CONSTRUCTION
DOCUMENTS

P-1



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PLUMBING SCHEDULES, LEGEND AND NOTES

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