PLUMBING FIXTURE SCHEDULE									
TAG	DESCRIPTION	CW	HW	WASTE	VENT	REMARKS	MANUFACTURER / MODEL NO		
P1	WATER CLOSET	1 1/4"		4"	2"	WALL MOUNTED, FLOOR OUTLET, STAINLESS STEEL, ADA COMPLIANT 1.6 GPF SIPHON JET . PROVIDE FLUSH VALVE.	ACORN / R2141-W-3-RM-ULF1.6-FVBO-ADA-MT		
P2	WASH BASIN	1/2"	1/2"	1 1/2"	1 1/2"	WALL MOUNTED, STAINLESS STEEL, ADA COMPLIANT, WITH INTEGRAL P-TRAP & FAUCET	ACORN / 3701-1-H-DML-EB-OF		
P3	WASH BASIN	1/2"	_	1 1/2"	1 1/2"	WALL MOUNTED, STAINLESS STEEL, ADA COMPLIANT, WITH INTEGRAL P-TRAP & FAUCET	ACORN / 3701-1-H-DML-EB-OF		
P4	FLOOR DRAIN	_	-	2"	1 1/2"	CAST IRON BODY, POLISHED BRONZE STRAINER, VANDAL PROOF SECURED TOP	ZURN / Z415B-VP		

	ROOF DRAIN SCHEDULE									
TAG	DESCRIPTION	MANUFACTURER AND MODEL NO	SIZE	NOTES						
RD-1	ROOF DRAIN	ZURN / Z100	2"							

	ABBRE\	VIATIO	NS	PLUME	BING SYMBOLS	LINETYPES LEGEND
@ AAV AFF BFF CO NC CW D DEG DFU DIAW DWG ELEXIST FCO FD HC HWR HZ HIS INV LBS	AT AIR ADMITTANCE VALVE ABOVE FINISHED FLOOR BELOW FINISHED FLOOR BACK FLOW PREVENTER CLEAN OUT CONCRETE COLD WATER DRAIN DEGREE DRAINAGE FIXTURE UNIT DIAMETER DOWN IN WALL DRAWING ELEVATOR, ELEVATION EXISTING FAHRENHEIT FLOOR CLEAN OUT FLOOR DRAIN GALLON GALLONS PER HOUR HANDICAPPED ACCESSIBLE HOT WATER HOT WATER HOT WATER HOSEBIBB INCHES INVERT POUNDS	MBH MIN NO PH PSIG PRV RECIRC RHW S SA SCH SF SOV SF V V WC WCO WH WT	1000 BTUH MINIMUM NUMBER PLUMBING FIXTURE PHASE POUND PER SQUARE INCH GAUGE PRESSURE REDUCING VALVE POLYVINYL CHLORIDE RECIRCULATED RECIRCULATED HOT WATER REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER SANITARY SHOCK ARRESTOR SCHEDULE SQUARE FEET SHUT OFF VALVE SAFETY RELIEF VALVE SYSTEM TYPICAL VENT, VOLT VENT THROUGH ROOF WASTE, WATT WITH WATER CLOSET WALL CLEAN OUT WATER HEATER DOMESTIC WATER TANK		AUTOMATIC AIR VENT BALL VALVE CAP ELBOW DOWN ELBOW UP OR UP AND DOWN FLOOR DRAIN GATE VALVE PRESSURE RELIEF VALVE PRESSURE REGULATOR REDUCER UNION SHOCK ARRESTOR REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER KEYNOTE	SANITARY PIPING BELOW FLOOR SANITARY PIPING ABOVE FLOOR VENT PIPING ABOVE FLOOR VENT PIPING BELOW FLOOR DOMESTIC COLD WATER DOMESTIC HOT WATER ALL OTHER PIPING & ITEMS LINEWEIGHT LEGEND EXISTING TO REMAIN ITEMS TO BE PROVIDED

GENERAL NOTES:

- 1. ALL PLUMBING FIXTURES SHALL BE BACK VENTED. PITCH ALL HORIZONTAL VENT PIPING TO DRAIN.
- 2. ALL PLUMBING SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE OR THESE PLANS WHICH EVER IS MORE STRINGENT.
- 3. ALL PIPING IS SHOWN DIAGRAMATICALLY AND MAY BE RELOCATED TO BEST FIT ACTUAL CONDITIONS WITH APPROVAL OF THE ARCHITECT/ENGINEER.
- 4. CAREFULLY COORDINATE LOCATION OF ALL PIPING WITH OTHER CONTRACTORS WHERE CONCURRENT WORK MAY PRESENT POTENTIAL CONFLICTS. COORDINATE EXACT LOCATION OF NEW EQUIPMENT WITH LOCATION OF EXISTING ITEMS TO REMAIN, AND WITH NEW ARCHITECTURAL/STRUCTURAL FEATURES.
- 5. ALL HOT AND COLD WATER PIPING NOT BURIED OR SPECIFIED OTHERWISE SHALL BE INSULATED.
- 6. THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING SERVICED FIXTURES AND EQUIPMENT PROVIDED BY OTHERS.
- 7. PROVIDE SHOCK ABSORBERS TO AVOID WATER HAMMER, AS REQUIRED, AND/OR WHERE SHOWN ON THE DRAWINGS
- TO CONFORM WITH P.D.I. STANDARDS.
- 8. ALL PIPING SHALL RUN CONCEALED ABOVE CEILINGS, IN WALLS AND CHASES OR EXPOSED IN MECHANICAL ROOMS, UNLESS NOTED OTHERWISE.
- 9. ALL SANITARY WASTE PIPING, 4" AND LARGER, SHALL PITCH 1/8"/FT. MIN., AND ALL SANITARY WASTE PIPING 3" AND SMALLER SHALL PITCH 1/4"/FT. MIN., UNLESS OTHERWISE NOTED.
- 10. PROVIDE CLEANOUTS AT THE BASE OF ALL SANITARY STACKS.
- 11. LONG STRAIGHT RUNS OF HOT WATER PIPING SHALL BE PROVIDED WITH A MEANS FOR EXPANSION COMPENSATION FROM TEMPERATURE DIFFERENCES. WHERE ROOM ALLOWS, EXPANSION LOOPS OR ELBOWS SIZED ACCORDING TO THE COPPER DEVELOPMENT ASSOCIATION, INC. GUIDELINES SHALL BE USED.
- 12. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING NEEDED ACCESS PANELS PROVIDED UNDER ANOTHER DIVISION OF THIS CONTRACT.

PLUMBING SPECIFCATIONS:

PLUMBING SPECIFICATIONS

PART 1 – GENERAL

- 1. PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE (IPC) AND AS INDICATED ON THE DRAWINGS. PROVIDE ALL COMPONENTS AND MATERIALS, WHETHER SPECIFICALLY SHOWN OR NOT, AS NEEDED TO MAKE THE SYSTEMS COMPLETE AND FULLY OPERATIONAL.
- 2. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE CARE AND PROTECTION OF ALL WORK INCLUDED UNDER THIS SECTION UNTIL THE COMPLETION AND FINAL ACCEPTANCE OF THIS PROJECT.

PART 2 - PRODUCTS

- 1. DOMESTIC WATER PIPING: ABOVE GRADE DOMESTIC WATER PIPING SHALL BE ASTM B88 TYPE L COPPER TUBE WITH ASME B16.18 CAST OR WROUGHT COPPER ALLOY FITTINGS. JOIN PIPES BY SOLDERING WITH LEAD-FREE ALLOYS ASTM B 32. FLUX SHALL BE WATER-FLUSHABLE ACCORDING TO ASTM B 813.
- 2. SANITARY WASTE PIPING SHALL BE SCHEDULE 40 PVC ASTM D 1785 WITH SOLVENT WELDED SOCKET TYPE FITTINGS.

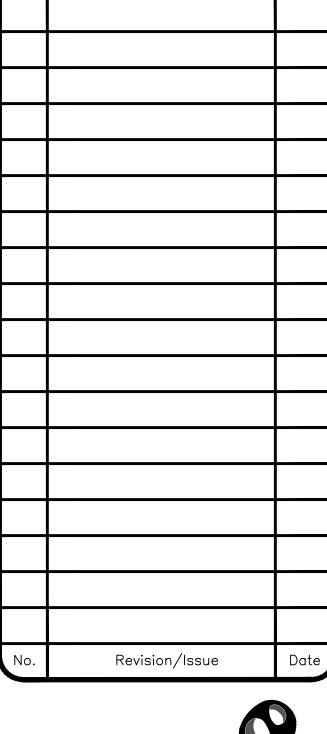
 3. DOMESTIC HOT AND COLD WATER SUPPLY PIPING SHALL BE INSULATED WITH MOLDED GLASS FIBER PIPE INSULATION
- THERMAL CONDUCTIVITY OF 0.23 BTU-IN/SF-F AT 75 °F PER ASTM C547. PROVIDE PIPE INSULATION WITH FACTORY APPLIED WHITE VAPOR BARRIER ALL SERVICE JACKET (ASJ) PER ASTM C1136 WITH SELF SEAL LAPS. SEAL JOINTS WITH MATCHING 3 INCH WIDE ASJ TAPE WITH PERMANENT ADHESIVE. SEAL EXPOSED ENDS WITH WATER-BASED INSULATION MASTIC. ACCEPTABLE MANUFACTURERS ARE CERTAINTEED, KNAUF, JOHNS MANVILLE, AND OWENS-CORNING. THICKNESS OF INSULATION SHALL BE IN ACCORDANCE WITH ASHRAE 90.1-2010.
- a. PIPING 1-1/4" AND SMALLER SHALL BE MINIMUM 0.5" THICK.
 b. PIPING 1-1/2" AND LARGER SHALL BE MINIMUM 1" THICK.

PART 3 - EXECUTION

- 1. INSTALL PIPING AND FIXTURES AS INDICATED ON THE PLANS ACCORDING TO THE MANUFACTURER'S REQUIREMENTS AND DETAILS ON THE DRAWINGS. INSTALL ALL WORK SO THAT PARTS REQUIRING INSPECTION, REPLACEMENT, MAINTENANCE AND REPAIR ARE READILY ACCESSIBLE FOR SERVICE.
- 2. COORDINATE CONNECTIONS TO EXISTING SYSTEMS TO MINIMIZE DISRUPTION OF ACTIVITIES IN ADJACENT SPACES. INSTALL PIPING AND EQUIPMENT WITH NECESSARY CLEARANCES TO OTHER TRADES.
- 3. IDENTIFICATION: ALL EQUIPMENT AND PIPING PROVIDED UNDER THIS SECTION OF THE SPECIFICATIONS SHALL BE MARKED FOR EASE OF IDENTIFICATION PER OWNER'S OR INDUSTRY STANDARDS.

General Notes

ISSUED FOR CONSTRUCTION 04/18/2013





511 Congress St., Suite 200, Portland ME 04101 P: (207) 775-5401 F: (207) 772-4762 www.amec.com



Facilities & Engineering 1001 Westbrook ST Portland, ME 04102 207-874-8877

Project Name and Address

TAXI CAB
WAITING ROO
AT PWM

Sheet Title

PLUMBING
LEGEND,
SCHEDULES &
SPECIFICATIONS

