

FIXTURE SCHEDULE

FIXTURE	DESCRIPTION	TRAP SIZE	MIN. SIZE CONN.			
			SW	SV	CW	HW
P-1	WATER CLOSET (STANDARD): WHITE VITREOUS CHINA, WALL MOUNTED, SIPHON JET ACTION, 1-1/2" TOP SPUD, 1.28 GPH, FLUSH VALVE OPERATED, EQUAL AMERICAN STANDARD "AFWALL" 2257.001. SEAT TO BE OPEN FRONT, WHITE PLASTIC EQUAL TO CHURCH 9500C. FLUSH VALVE TO BE 1.28 GPF, SENSOR OPERATED, BATTERY POWERED EQUAL TO ZURN ZER6000AV-HET-CPM. PROVIDE WITH TRAP PRIMER OPTION WHERE REQUIRED. INSTALL APPROPRIATE CONCEALED FLOOR MOUNTED CARRIER. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHTS.	INT.	4"	2"	1"	---
P-1A	WATER CLOSET (ADA COMPLIANT): WHITE VITREOUS CHINA, WALL MOUNTED, SIPHON JET ACTION, 1-1/2" TOP SPUD, 1.28 GPH, FLUSH VALVE OPERATED, EQUAL AMERICAN STANDARD "AFWALL" 2257.001. SEAT TO BE OPEN FRONT, WHITE PLASTIC EQUAL TO CHURCH 9500C. FLUSH VALVE TO BE 1.28 GPF, SENSOR OPERATED, BATTERY POWERED EQUAL TO ZURN ZER6000AV-HET-CPM. PROVIDE WITH TRAP PRIMER OPTION WHERE REQUIRED. INSTALL APPROPRIATE CONCEALED FLOOR MOUNTED CARRIER. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHTS.	INT.	4"	2"	1"	---
P-2	URINAL (STANDARD): VITREOUS CHINA, WALL HUNG WITH WALL HANGERS, SIPHON JET, 0.5 GPF, 3/4" TOP SPUD EQUAL TO AMERICAN STANDARD "ALLBROOK" 6550.005. FLUSH VALVE TO BE 0.5 GPF, BATTERY POWERED, SENSOR OPERATED EQUAL TO ZURN ZER6003AV-EWS-CPM. INSTALL APPROPRIATE CONCEALED FLOOR MOUNTED CARRIER. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHTS.	INT.	2"	2"	3/4"	---
P-2A	URINAL (ADA COMPLIANT): VITREOUS CHINA, WALL HUNG WITH WALL HANGERS, SIPHON JET, 0.5 GPF, 3/4" TOP SPUD EQUAL TO AMERICAN STANDARD "ALLBROOK" 6550.005. FLUSH VALVE TO BE 0.5 GPF, BATTERY POWERED, SENSOR OPERATED EQUAL TO ZURN ZER6003AV-EWS-CPM. INSTALL APPROPRIATE CONCEALED FLOOR MOUNTED CARRIER. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHTS.	INT.	2"	2"	3/4"	---
P-3	LAVATORY (COUNTERTOP): SELF RIMMING, VITREOUS CHINA, OVAL LAVATORY, SINGLE HOLE PUNCH, EQUAL TO AMERICAN STANDARD "PIAZZA" 0478.001. FAUCET TO BE BATTERY POWERED, SENSOR OPERATED. 0.5 GPM FLOW CONTROL, ABOVE DECK SPOUT MIXER EQUAL TO ZURN Z6918-ADM-F. DRAIN TO 1-1/4" GRID WITH TAILPIECE (17 GA. MIN) EQUAL TO MCGUIRE. P-TRAP TO 1-1/4" SEMI-CAST BRASS (17 GA. MIN.) EQUAL TO MCGUIRE. SUPPLIES AND STOPS TO BE MCGUIRE.	1-1/2"	1-1/2"	2"	1/2"	1/2"
P-4	SHOWER (TILE): PRESSURE BALANCING VALVE WITH INTEGRAL CHECK STOPS, LEVER HANDLE EQUAL TO ZURN Z7100-SS-LH WITH INSTITUTIONAL FIXED SHOWER HEAD WITH 1.25 GPM EQUAL TO ZURN Z7000-I2-1.25. CHROME-PLATED BRONZE SHOWER DRAIN WITH 5" STRAINER EQUAL TO ZURN Z415B SERIES. FURNISH AND INSTALL REQUIRED 2" P-TRAP. REFER TO ARCHITECTURAL SERIES MOUNTING HEIGHTS.	2"	2"	2"	1/2"	1/2"
P-4A	SHOWER (TILE; ADA COMPLIANT): PRESSURE BALANCING VALVE WITH INTEGRAL CHECK STOPS, LEVER HANDLE EQUAL TO ZURN Z7100-SS-LH WITH HAND HELD SHOWER HEAD WITH 1.6 GPM, 60" METAL HOSE, 24" MOUNTING BAR EQUAL TO ZURN Z7000-HW-H9. CHROME PLATED BRONZE SHOWER DRAIN WITH 5" STRAINER EQUAL TO ZURN Z415B SERIES. FURNISH AND INSTALL REQUIRED 2" P-TRAP. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHTS.	2"	2"	2"	1/2"	1/2"
P-5	SINK (BREAK ROOM): TYPE 304 STAINLESS STEEL, 18 GAUGE, THREE HOLE PUNCH, 7-5/8" DEEP EQUAL TO ELKAY LR2022. FAUCET TO BE DECK MOUNTED, SINGLE HANDLE, 10" SPOUT AND 1.5 GPM FLOW CONTROL EQUAL TO ZURN Z82300-CP8-18M. BASKET STRAINER WITH TAILPIECE (17 GA. MIN) EQUAL TO MCGUIRE. P-TRAP TO BE 1-1/2" SEMI-CAST BRASS (17 GA. MIN) EQUAL TO MCGUIRE. SUPPLIES TO HAVE LOOSE KEY STOPS EQUAL TO MCGUIRE.	1-1/2"	1-1/2"	2"	1/2"	1/2"
P-6	MOP BASIN: PRECAST TERRAZZO, 36"x36", 12" DEEP, 3" CAST BRASS CHROME-PLATED STRAINER, STAINLESS STEEL CAPS, AND WALL FLANGES EQUAL TO FLORESTONE 80 SERIES. PROVIDE FLORESTONE MR-372 MOP HANGER. FAUCET TO BE SERVICE SINK FAUCET WITH BUILT-IN SERVICE STOPS, VACUUM BREAKER, WALL BRACE, PAIL HOOK EQUAL TO ZURN Z-842M1. FURNISH AND INSTALL REQUIRED 3" P-TRAP.	3"	3"	2"	3/4"	3/4"
P-7	DRINKING FOUNTAIN (DUAL, ELECTRIC): ELECTRIC FOUNTAIN, WALL HUNG WITH 7.5 GPH CAPACITY OF 50'F DRINKING WATER AT 80'F INLET AND 90'F AMBIENT TEMPERATURE EQUAL TO ELKAY "SWIRLFLO" LRPBM28K. FOUNTAIN SHALL HAVE RECESSED CHILLER, FOUNTAINS AND FRONT PANEL GRILL TO BE 18 GA. STAINLESS STEEL WITH SATIN FINISH. P-TRAP TO BE 1-1/4" SEMI-CAST BRASS (17 GA. MIN) EQUAL TO MCGUIRE. PROVIDE SHUT-OFF VALVE FOR WATER LINE. INSTALL PER MANUFACTURERS' WRITTEN INSTRUCTIONS. THE SPOUT SHALL BE ADJUSTED SO THAT WATER FLOW TRAJECTORY IS NEAR PARALLEL TO THE FRONT OF THE UNIT. THE SPOUT SHALL PROVIDE A WATER FLOW OF AT LEAST 4" HIGH TO ALLOW FOR A CUP OR GLASS TO BE INSERTED UNDER THE FLOW OF WATER. REFER TO ARCHITECTURAL SERIES FOR MOUNTING HEIGHT.	1-1/2"	1-1/2"	2"	1/2"	-
P-8	YARD HYDRANT (POST-TYPE): YARD HYDRANT SHALL BE FREEZE PROOF WITH INTEGRAL BACKFLOW DEVICE AND COMPLETELY SEALED DRAIN RESERVOIR EQUAL TO WOODFORD SANITARY YARD HYDRANT MODEL S3. PROVIDE IN A 24"x24"x6" THICK CONCRETE PAD.	-	-	-	3/4"	-
P-9	HOSE BIBB (WALL HYDRANT): AUTOMATIC DRAINING, NON-FREEZE WALL HYDRANT, EQUAL TO WOODFORD #65.	-	-	-	3/4"	-
P-10	ICE MAKER CONNECTION (FLOOR MOUNTED): FLOOR MOUNTED ICE MACHINE TO BE FURNISHED BY OTHERS AND INSTALLED BY CONTRACTOR. FURNISH AND INSTALL 1/2" DOMESTIC COLD WATER LINE TO CONNECTION POINT ON ICE MACHINE. FURNISH AND INSTALL 1/2" CUTOFF VALVE EXPOSED AT WALL IN ADJACENT CABINET, WITH SOFT-ROLL COPPER COIL OF 15' IN LENGTH FROM CUTOFF VALVE TO CONNECTION ON ICE MACHINE. PROVIDE AND INSTALL WATTS SERIES 7 IN LINE DUAL CHECK VALVE AS REQUIRED. FURNISH AND INSTALL CONNECTION SIZE D.W.V. COPPER INDIRECT DRAIN LINE FROM ICE MACHINE TO ADJACENT SINK. REFER TO MANUFACTURER'S CUT SHEETS FOR EXACT REQUIRED ROUGH-INS AND POINTS OF CONNECTION AND INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.	-	-	-	1/2"	-
TP-1	ELECTRONIC TRAP PRIMER MANIFOLD: ELECTRONIC TRAP PRIMER EQUAL TO PRECISION PLUMBING PRODUCTS, INC. MP-500-115V FOR ONE TO FOUR FLOOR DRAINS AND/OR HUB DRAINS OR PT SERIES FOR FIVE OR MORE FLOOR DRAINS. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR FOR 120V POWER TO THE ELECTRONIC ASSEMBLY. FURNISH THE NECESSARY DISTRIBUTION UNIT(S) OR MANIFOLDS WHEN UNIT SERVES MORE THAN ONE DRAIN. INSTALL TO ABSOLUTELY RIGID CONDITION.	-	-	-	1/2"	-

BACKFLOW PREVENTER SCHEDULE

MARK	QTY.	SYSTEM	MANUFACTURER	MODEL	SIZE	GPM	PRESSURE DROP
BFP-1	1	DOMESTIC	WATTS	909M1-QT-S	2"	71	10 PSI

WATER HEATER SCHEDULE

TAG	QTY.	MANUFACTURER	MODEL NO.	SYSTEM	ELECTRICAL CHARACTERISTICS	E.W.T.	L.W.T.	REC'Y (GPH)	STORAGE (GALLONS)	REMARKS
WH-1	1	STATE	CSB 120 18 SFE	DOMESTIC	18 KW/208V/3Ø/60Hz.	40° F	120° F	92	119	①

① COORDINATE WITH ELECTRICAL DRAWINGS FOR ELECTRICAL REQUIREMENTS.

FLOOR DRAIN AND CLEANOUT SCHEDULE

DESIGNATION	DESCRIPTION
WCO	WALL ACCESS COVER: ROUND STAINLESS STEEL ACCESS COVER WITH CENTER SCREW AND COUNTERSINK THREADED ABS PLUG EQUAL TO ZURN Z1441 SERIES.
FCO	FLOOR CLEANOUT: CAST IRON CLEANOUT W/ THREADED, ADJUSTABLE HOUSING, TAPERED ABS PLUG, ROUND SECURED NICKEL BRONZE TOP EQUAL TO ZURN C02500 SERIES.
GCO	GRADE CLEANOUT: CAST IRON CLEANOUT W/ THREADED, ADJUSTABLE HOUSING, TAPERED ABS PLUG, ROUND SECURED SCORIATED CAST IRON HEAVY DUTY SECURED TOP EQUAL TO ZURN Z1400 SERIES.
FD-1	FLOOR DRAIN: CAST IRON FLOOR DRAIN WITH ADJUSTABLE CLAMPING COLLAR, MEMBRANE CLAMP, SEEPAGE OPENINGS, 7" NICKEL BRONZE POLISHED TOP WITH VANDAL PROOF SCREWS EQUAL TO ZURN Z415B SERIES. PROVIDE WITH TRAP PRIMER CONNECTION WHERE INDICATED ON DRAWINGS.
AD-1	AREA DRAIN (BALCONY): CAST IRON AREA DRAIN WITH SEEPAGE OPENINGS, FRAME CLAMPS AND LIGHT DUTY HEEL-PROOF GRATE EQUAL TO ZURN Z158 SERIES.

NOTES:
1. TAP AND TEST "T" SHALL NOT BE USED FOR WALL CLEAN-OUTS.

GENERAL NOTES:

- DRAWINGS SHOW ONLY THE KNOWN SERVICES IN THE VICINITY OF THE PROJECT AREA.
- CONTRACTOR SHALL VISIT THE PROJECT SITE AND FIELD VERIFY LOCATIONS, ELEVATIONS, DIRECTION OF FLOW AND SIZES OF ALL EXISTING SERVICES PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL REMOVE, REWORK AND/OR REROUTE EXISTING SERVICES AS REQUIRED TO ACCOMPLISH THE WORK REQUIRED BY THIS CONTRACT.
- CONTRACTOR SHALL COORDINATE THE DISRUPTION OF ANY SERVICE WITH THE LOCAL OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO SAID DISRUPTION TO MINIMIZE ANY INCONVENIENCE TO THE OWNER/USER.
- EXISTING SERVICES, EQUIPMENT, AND FIXTURES TO REMAIN OR TO BE RELOCATED SHALL BE REPAIRED TO ORIGINAL OPERATION OR REPLACED SHOULD THEY BE DAMAGED DURING CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE EQUIPMENT CONNECTIONS WITH EQUIPMENT DRAWINGS AND SUPPLIER. CONTRACTOR SHALL INSTALL EQUIPMENT AND MAKE FINAL CONNECTIONS FURNISHING CUTOFF VALVES, P-TRAPS, PRESSURE REDUCING VALVES, AND PIPING AS REQUIRED.
- CONTRACTOR SHALL COORDINATE WITH ALL DISCIPLINES INVOLVED TO AVOID ANY PIPE ROUTING PROBLEMS. IN THE EVENT CONFLICTS ARE ENCOUNTERED WHICH CANNOT BE RESOLVED BY THE TRADES INVOLVED, THE ARCHITECT SHALL BE CONSULTED AND HIS DECISION SHALL GOVERN.
- ALL VENTS SHALL BE A MINIMUM OF 15'-0" AWAY FROM ALL FRESH AIR INTAKES FOR AIR HANDLING UNITS
- ALL PIPING SHOWN ON THESE DRAWINGS SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODE REQUIREMENTS.
- PENETRATIONS THROUGH EXISTING WALLS AND FLOORS SHALL BE SLEEVED AND/OR PATCHED TO MATCH ORIGINAL. SEE ARCHITECTURAL DRAWINGS FOR FINAL FINISHES.
- ALL NEW PIPING THROUGH PENETRATIONS OF NEW AND EXISTING FIRE RATED WALLS AND FLOORS WITHIN THE AREA OF RENOVATION AS SHOWN BY THE LIFE SAFETY PLANS SHALL BE FIRE SAFED. REFER TO THE PENETRATION DETAILS FOR FURTHER INFORMATION.
- ALL WORK SHOWN IS PART OF BASE BID EXCEPT WHERE OTHERWISE DESIGNATED.
- SEISMICALLY BRACE ALL PIPE AS REQUIRED BY LOCAL CODE REQUIREMENTS.

LEGEND

SYMBOL	DESCRIPTION	ABBREVIATIONS
—	SANITARY WASTE (S.W.)	AFF ABOVE FINISHED FLOOR
----	SANITARY VENT (S.V.)	FCO. FLOOR CLEANOUT
---IV---	INDIRECT VENT (I.V.)	HORIZ. HORIZONTAL
----	COLD WATER (C.W.)	MECH. MECHANICAL
----	HOT WATER (H.W.)	OFOI OWNER FURNISHED,
----	HOT WATER RETURN (H.W.R.)	OWNER INSTALLED
—SD—	STORM DRAIN	OFCI OWNER FURNISHED,
—CD—	CONDENSATE DRAIN	CONTRACTOR INST.
⊥	BALANCING VALVE	OPNG. OPENING
⊥	BALL VALVE	REQD. REQUIRED
↔	CHECK VALVE (DIRECTION)	SECT. SECTION
↔	WASTE CLEANOUT	STRUCT. STRUCTURAL
		ST. STL. STAINLESS STEEL
		V.B. VACUUM BREAKER
		WCO. WALL CLEANOUT
		W.H.A. WATER HAMMER ARRESTOR
		ELECT. ELECTRICAL



REVISIONS:

DATE:
AUGUST 28, 2012

DRAWN BY:
AMB

SHEET TITLE:
LEGENDS,
SCHEDULES &
NOTES -
PLUMBING

SHEET NO:

P0.1