PLUMBING FIXTURE CONNECTION SCHEDULE

FIXTURE	CW	HW	WASTE	VENT	NOTES
FLUSH VALVE WATER CLOSET	1"	–	4"	2"	1
URINAL	3/4"	–	2"	2"	1
LAVATORY	1/2"	1/2"	1–1/2"	1–1/2"	2
SINK	1/2"	1/2"	1–1/2"	1–1/2"	2
SERVICE SINK/ MOP RECEPTOR	3/4"	3/4"	3"	2"	2

NOTES: 1 PROVIDE SHOCK ABSORBER W/ ISOLATION VALVE, ACCESSIBLE.
2 PROVIDE AIR CHAMBERS ON HW & CW CONNECTIONS.

SHOCK ABSORBER SCHEDULE

TYPE	FIXTURE UNIT RATING	BASIS OF DESIGN	
		MANUF.	FIGURE NO.
'A'	1–10	ZURN	100
'B'	12–32	ZURN	200
'C'	33–60	ZURN	300
'D'	61–113	ZURN	400
'E'	114–154	ZURN	500
'F'	155–330	ZURN	600

WATER HEATER SCHEDULE

TAG	FUEL	INPUT KW	RECOVERY RATE GPH 40 – 140 F	STORAGE TANK SIZE/GAL.	ELECTRICAL DATA		FLUE SIZE (in.)	OPERATING WEIGHT (lbs.)	TYPICAL UNIT MFR. & MODEL NO.	NOTES
					AMP	VOLTS/ø				
HTR–1	ELEC.	18	74	20	22	480/3	–	225	STATE SSE 20	

NOTES:

DRAIN SCHEDULE

TAG	APPLICATION	TYPICAL UNIT MFG & MODEL NO.	DESCRIPTION	NOTES
FD–A	FINISHED PUBLIC SPACES	ZURN ZN–415–6B–P	FLOOR AND SHOWER DRAIN COATED CAST IRON BODY, ADJUSTABLE NICKEL BRONZE STRAINER	1

NOTES: 1 1/2" TRAP PRIMER CONNECTION (UNLESS OTHERWISE NOTED). TRAP PRIMER PIPING TO BE INSTALLED BELOW SLAB, SLOPED TO DRAIN. PROVIDE A P–TRAP WITH 1/2" PRIMER TAP WHEN FLOOR DRAIN PRIMER PORT IS BURIED WITHIN THE SLAB. PLUG UNUSED TRAP PRIMER PORT.

SINGLE DRAIN APPLICATION:
PRECISION PLUMBING PRODUCTS #PO–500

MULTIPLE DRAIN APPLICATION:
PRECISION PLUMBING PRODUCTS #PO–500, #SS–8 SUPPLY TUBE & #DU–2, 3 OR 4 DISTRIBUTION UNIT.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	FIXTURE	FAUCET/DRAIN	TRIM	SUPPORT	NOTES
WC–A	FLOOR MOUNTED WATER CLOSET – ADA	AMERICAN STANDARD #3461.001 "MADERA", VITREOUS CHINA, SIPHON JET TYPE, 1–1/2" TOP SPUD, 1.28 GPF.	SLOAN ROYAL #111–1.28 EXPOSED FLUSH VALVE, 1.28 GPF	CHURCH #9500 SSCT SEAT – WHITE	–	
WC–B	FLOOR MOUNTED WATER CLOSET	AMERICAN STANDARD #3451.001 "MADERA", VITREOUS CHINA, SIPHON JET TYPE, 1–1/2" TOP SPUD, 1.28 GPF.	SLOAN ROYAL #111–1.28 EXPOSED FLUSH VALVE, 1.28 GPF	CHURCH #9500 SSCT SEAT – WHITE	–	
UR–A	URINAL – ADA	SLOAN #WEUS–1000.1001–0.125, VITREOUS CHINA, WASHDOWN FLUSHING, 3/4" TOP SPUD, 0.125 GPF.	PROVIDED WITH FIXTURE	McGUIRE LOOSE KEY ANGLE STOPS, ESCUTCHEONS AND RISERS–CHROME PLATED	ZURN #Z1222	
UR–B	URINAL	SLOAN #WEUS–1000.1001–0.125, VITREOUS CHINA, WASHDOWN FLUSHING, 3/4" TOP SPUD, 0.125 GPF.	PROVIDED WITH FIXTURE	McGUIRE LOOSE KEY ANGLE STOPS, ESCUTCHEONS AND RISERS–CHROME PLATED	ZURN #Z1222	
LAV–A	COUNTER MOUNTED LAVATORY – ADA	AMERICAN STANDARD #0419.444EC "CADET", VITREOUS CHINA, 21"x18", (3) HOLES ON 2" CENTERS.	CHICAGO #802–VE2805–317ABCP FAUCET, CHICAGO #337–CP GRID DRAIN, OFFSET TAILPIECE, CHROME PLATED FINISHES.	McGUIRE LOOSE KEY ANGLE STOPS, ESCUTCHEONS AND RISERS–CHROME PLATED	–	
LAV–B	WALL HUNG LAVATORY – ADA	AMERICAN STANDARD #0355.012 "LUCERNE" VITREOUS CHINA, 20"x18", (3) HOLES ON 2" CENTERS.	CHICAGO #802–VE2805–317ABCP FAUCET, CHICAGO #337–CP GRID DRAIN, OFFSET TAILPIECE, CHROME PLATED FINISHES.	McGUIRE LOOSE KEY ANGLE STOPS, ESCUTCHEONS AND RISERS–CHROME PLATED	ZURN #1231	1 2
SK–A	STAINLESS STEEL COUNTER MOUNTED BREAK ROOM SINK LAVATORY– ADA	ELKAY #LRAD33190465, 33"x19–1/2"x6–1/2" DEPTH, 18 GAUGE, 304SS, (4) HOLES ON 4" CENTERS.	CHICAGO #1102–317ABCP FAUCET, ELKAY #LKAD35 BASKET DRAIN AND OFFSET TAILPIECE, CHROME PLATED FINISHES.	McGUIRE LOOSE KEY ANGLE STOPS, ESCUTCHEONS AND RISERS–CHROME PLATED	–	1 2
MR–A	MOP RECEPTOR	FIAT #TSB–3000 TERRAZZO BASIN, 24"x24"x12" DEEP, #MSG 2424 WALL GUARDS.	CHICAGO #445–RC897SXKCP SERVICE SINK FAUCET, INTEGRAL CHECK STOPS	FIAT #832–AA HOSE AND BRACKET, #889–CC MOP HANGER, ALL WALL GUARDS	–	

NOTES: 1 TRUEBRO #103 E–Z HANDI LAV–GUARD INSULATION KIT AND EXTENSIONS AS REQUIRED FOR ALL EXPOSED PIPING BENEATH SINK BASIN.
2 PROVIDE OFFSET TAILPIECE FOR ADA ACCESSIBILITY

PLUMBING SPECIALTIES SCHEDULE

TAG	APPLICATION	TYPICAL UNIT MFG & MODEL NO.	DESCRIPTION	NOTES
WB–A	ICE MAKER BOX	GUY GRAY #AB9700	1/2" SWEAT CONNECTION, LEAD FREE	
WH–A	FREEZE–PROOF WALL HYDRANT	WOODFORD MFG MODEL #67	3/4" CONNECTION, AUTOMATIC DRAINING, LOOSE–KEY	

NOTES:

MIXING VALVE SCHEDULE

TAG	SERVICE	MIN. FLOW (GPM)	DESIGN FLOW (GPM)	OUTLET TEMP. SET POINT DEG. F	MAX. PRESS. DROP @ DESIGN FLOW (PSI)	INLETS (IN)	OUTLETS (IN)	TYPICAL UNIT MFG & MODEL NO.	NOTES
MV–1	DOM. HW SYSTEM	0.5	10	110	10	3/4	1	SYMMONS #7–200A	1

NOTES: 1 CENTRAL WATER HEATING APPLICATION.

EXPANSION TANK SCHEDULE

TAG	LOCATION	SERVED	ACCEPT GAL.	DIA. (IN.)	HEIGHT (IN.)	WEIGHT FULL (LBS.)	TYP. MANUF. & MODEL NO.	TYP. MANUFACTURER & MODEL NO.	NOTES
PET–1	MEZZANINE	HW SYSTEM	1	8	14	20	–	AMTROL ST–5V–C	

NOTES:

NOTE:

1. SEE SHEET PL001 FOR LEGEND AND ABBREVIATIONS.

REV.	DESCRIPTION	DATE
1	CONFORMED SET	4–21–15
0	ISSUED FOR CONSTRUCTION	3–3–15

CONFORMED SET
4–21–15
CURRENT ISSUE STATUS:

STATE OF MAINE
CALEB J. MILLIKEN
No. 12274
LICENSED
PROFESSIONAL ENGINEER
4/21/15

SMRT
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tel. (207) 772–3846
fax. (207) 772–1070
www.smrtinc.com

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CHESHIRE BUILDING RENOVATIONS
PORTLAND, MAINE

PLUMBING SCHEDULES
SHEET TITLE:

SCALE:	NONE	DATE:	3–3–15
PROJECT MANAGER:	JLH	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	CAH/KPB		
A/E OF RECORD:	CJM	SHEET No.	PL601
SMRT CAD FILE:	PL601–14199		
PROJECT No.	14199–00		

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Approved for Construction
Date: 05/09/15