DRAIN SCHEDULE

TAG	APPLICATION	TYPICAL UNIT MFG & MODEL NO.	DESCRIPTION	TRAP PRIMER	NOTES
FD-A	PUBLIC SPACES	ZURN ZN-415-6B-P	FLOOR AND SHOWER DRAIN COATED CAST IRON BODY ADJUSTABLE NICKEL BRONZE STRAINER	(3)	(1)(4)
FD-B	EQUIPMENT SPACES	ZURN ZN-508-Y-P	9" Ø FLOOR DRAIN, COATED CAST IRON BODY, HEAVY DUTY STRAINER	(3)	(1)(2)(3)(4)
FD-C	PARKING/DECK SPACES	ZURN ZN-534-C-HP-VP-Y	12" Ø FLOOR DRAIN, COATED CAST IRON BODY, HEAVY DUTY SLOTTED GRATE, HEEL-PROOF, SEDIMENT BUCKET, UNDERDECK CLAMP, VANDAL-PROOF SECURED TOP		(2)(4)
RD-A	PRIMARY/SECONDARY ROOF DRAIN	ZURN ZA-163-BS-DE	COMBINATION MAIN ROOF AND OVERFLOW DRAIN, ALUMINUM DOME, "TOP-SET" DECK PLATE, DECK EXTENSION, BRONZE SCREEN		(5)(6)(7)
RD-B	DOWNSPOUT NOZZLE	ZURN ZA98-199-SS	DECORATIVE FACE DOWNSPOUT NOZZLE, ALL NICKEL BRONZE BODY, STAINLESS STEEL SCREEN		
RD-C	CANOPY DRAIN	ZURN ZB-189-BS	5"x6"x11" SCUPPER DRAIN, COATED CAST IRON BODY, POLISHED BRONZE GRATE, BRONZE SCREEN.		(5)(6)(7)

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.
(2) SEDIMENT BUCKET.
(3) 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.
PROVIDE SHUT-OFF VALVE AND UNION UPSTREAM OF EACH TRAP PRIMER VALVE. SEE DETAIL #13/PL501.
(4) SLAB ON GRADE - CAULK OUTLET.
(5) MEZZANINE/ROOF - NO HUB OUTLET.
(6) EXPANSION JOINT - REQUIRED WHERE PIPING CONNECTION TO THE DRAIN DOES NOT IMMEDIATELY OFFSET TO THE HORIZONTAL AND RUN MORE THAN 5 FEET. PROVIDE ZURN #Z-190.
(7) REFER TO ARCHITECTURAL ROOF PLAN FOR ROOF DRAIN LOCATIONS.
(8) PROVIDE DECK EXTENSION TO ACCOMODATE 4" INSULATION BETWEEN DECK PLATE AND FLANGE.

PLUMBING SPECIALTIES SCHEDULE

TAG	APPLICATION	TYPICAL UNIT MFG & MODEL NO.	DESCRIPTION	NOTES
WH-A	EXTERIOR WALL HYDRANT	ZURN #Y-1300-4-12	FREEZE RESISTANT, AUTOMATIC DRAINING, POLISHED BRONZE WALL PLATE, INTEGRAL BACKFLOW PREVENTER, 3/4" CONNECTION.	
HB-A	INTERIOR HOSE BIBB UNFINISHED SPACES	CHICAGO FAUCET #998	INTEGRAL VACUUM BREAKER, LOOSE KEY, ROUGH CHROME FINISH, 3/4" CONNECTION.	
WB-A	ICE MAKER BOX	GUY GRAY #BIM875	18 GAUGE STAINLESS STEEL, RECESSED BOX.	
EE-A	EMERGENCY EYE/FACE WASH MIXING VALVE	LEONARD #TA-300-CP-IT-TOP	FAIL COLD, 10 PSIG MAX. DROP AT 4 GPM FLOWING, CHROME PLATED, TOP INLETS, INLET THERMOMETERS	
EE-B	EMERGENCY EYE FACE WASH	GUARDIAN #G1774	DECK MOUNTED "AUTO FLOW", 90° SWIVEL EYEWASH, STAY OPEN VALVE	(1)
SI-A	SAND INTERCEPTOR	ZURN #Z1187-E-K-HD	RECESSED ACID RESISTANT COATED FABRICATED STEEL SAND AND SEDIMENT SEPERATOR. 81 GU FT. CAPACITY BELOW INVERT AND OUTLET, EXTRA HEAVY-DUTY COVER, EXTENSION AND CLAMPING COLLAR.	

NOTES: (1) PROVIDE "EMERGENCY EYEWASH" SIGN.

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

PLUMBING FIXTURE CONNECTION SCHEDULE

FIXTURE	CW	HW	WASTE	VENT	NOTES
FLUSH VALVE WATER CLOSET	1"	-	4"	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)
SHOWER	1/2"	1/2"	3"	1-1/2"	(2)
SERVICE SINK/ MOP RECEPTOR	3/4"	3/4"	3"	2"	(2)
WATER COOLER/ DRINKING FOUNTAIN	1/2"	-	1-1/2"	1-1/2"	(3)

NOTES:
(1) PROVIDE SHOCK ABSORBER W/ ISOLATION VALVE, ACCESSIBLE.
(2) PROVIDE AIR CHAMBERS ON HW & CW CONNECTIONS.
(3) DUAL HEIGHT UNITS REQUIRE (2) WASTE CONNECTIONS.

PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	FIXTURE	FAUCET/DRAIN	TRIM	SUPPORT	NOTES
WC-A	WALL MOUNTED WATER CLOSET - ADA	AMERICAN STANDARD #2257.103 "APPALL", VITREOUS CHINA, SIPHON JET TYPE, 1-1/2" TOP SPUD.	SLOAN ROYAL #WES-111-YO EXPOSED, DUAL-FLUSH, FLUSH VALVE	CHURCH #9500-SSC SEAT - WHITE	JAY R. SMITH-1000LB. RATED SERIES #0210 HORIZONTAL SERIES #0230 VERTICAL	
WC-B	FLOOR MOUNTED BARIATRIC WATER CLOSET - ADA	GREAT JOHN #FG-0020, EXTRA LONG, EXTRA WIDE, VITREOUS CHINA, SIPHON JET TYPE, 1-1/2" TOP SPUD, 2000 LB RATED.	SLOAN ROYAL #WES-111-YO EXPOSED, DUAL-FLUSH, FLUSH VALVE	PROVIDED WITH UNIT		
LAV-A	WALL HUNG LAVATORY - ADA	AMERICAN STANDARD #0355.012 "LUCERNE" VITREOUS CHINA, 20"x18", (3) HOLES ON 2" CENTERS.	CHICAGO #802-VE2805-317 FAUCET, MCGUIRE #155 WC DRAIN, OFFSET TAILPIECE, CHROME PLATED FINISHES.	MCGUIRE ANGLE STOPS, P-TRAP, ESCUTCHEONS AND RISERS-CHROME PLATED	JAY R. SMITH #0710-Z, #0710-0 WHEN BACK-TO-BACK	(1)
SK-A	BREAK ROOM/KITCHENETTE SINK STAINLESS STEEL DROP-IN - ADA	ELKAY #LRAD 20220365, 20"x22"x6-1/2" DEEP, (3) HOLES ON 4" CENTERS, 18 GAUGE, 304 SS, SINGLE BOWL.	CHICAGO #201-AGN8AE29-317CP FAUCET, ELKAY #LKAD18 DRAIN & OFFSET TAILPIECE, CHROME PLATED FINISHES.	MCGUIRE ANGLE STOPS, P-TRAP, ESCUTCHEONS AND RISERS-CHROME PLATED	INTEGRAL	(1)
SK-B	EXAM ROOM SINK - ADA	SINK INTEGRAL TO CASEWORK.	CHICAGO #201-AGN8AE29-317CP FAUCET, ELKAY #LKAD18 DRAIN & OFFSET TAILPIECE, CHROME PLATED FINISHES.	MCGUIRE ANGLE STOPS, P-TRAP, ESCUTCHEONS AND RISERS-CHROME PLATED	INTEGRAL	(1)
SK-C	LAB SINK - ADA	ELKAY #LRAD 20220365, 20"x22"x6-1/2" DEEP, (3) HOLES ON 4" CENTERS, 18 GAUGE, 304 SS, SINGLE BOWL.	CHICAGO #930-317CP FAUCET, ELKAY #LKAD18 DRAIN & OFFSET TAILPIECE, CHROME PLATED FINISHES.	MCGUIRE ANGLE STOPS, P-TRAP, ESCUTCHEONS AND RISERS-CHROME PLATED	INTEGRAL	(1)
SK-D	GENERAL USE SINK STAINLESS STEEL DROP-IN - ADA	ELKAY #LRAD 20220365, 20"x22"x6-1/2" DEEP, (3) HOLES ON 4" CENTERS, 18 GAUGE, 304 SS, SINGLE BOWL.	CHICAGO #201-AGN8AE29-317CP FAUCET, ELKAY #LKAD18 DRAIN & OFFSET TAILPIECE, CHROME PLATED FINISHES.	MCGUIRE ANGLE STOPS, P-TRAP, ESCUTCHEONS AND RISERS-CHROME PLATED	INTEGRAL	(1)
SH-A	SHOWER - ADA	AQUA BATH #C6536BF-FUS 3/4"-OT, ACRYLIC ONE-PIECE SHOWER STALL, BARRIER FREE, FOLDUP SEAT, OPEN TOP, 65"x37" O.D.	CHICAGO #C-96-500-B3G-V-X "TEMPITROL" SHOWER SYSTEM	-	-	(2)(3)
MR-A	MOP RECEPTOR	FIAT #MSB-2424 MOLDED STONE BASIN WITH #E-77-AA BUMPER GUARDS, MSG-2424 WALL GUARDS,	CHICAGO #445CP20089 SERVICE SINK FAUCET	FIAT #832-AA HOSE AND BRACKET, #889-CC MOP HANGER	-	
EWC-A	DUAL HEIGHT ELECTRIC WATER COOLER - ADA	ELKAY #EZS7L6C BI-LEVEL, BARRIER FREE, FRONT & SIDE PUSHBUTTONS, 18 GAUGE, 304 SS.	-	-	-	

NOTES:
(1) INSULATE EXPOSED PIPING - TRUEBRO #1026.
(2) INCLUDE 1" STAINLESS STEEL CURTAIN ROD, ANTI-BACTERIAL WHITE SHOWER CURTAIN, HOOKS AND FULL WATER RETENTION STRIP.
(3) REFER TO ARCHITECTURAL DRAWINGS FOR CEILING HEIGHT AND SHOWER HEAD MOUNTING HEIGHT.

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)	OUTLET (IN)	TYPICAL UNIT MFG & MODEL NO.	NOTES
MV-1	DOM. HW SYSTEM	0.5	37	120	10	1	1-1/4	LEONARD TM-820	(1)(2)

NOTES:
(1) CENTRAL WATER HEATING APPLICATION.
(2) 3/4" PRW CONNECTION AS WELL AS HW AND CW.

WATER HEATER SCHEDULE

TAG	FUEL	INPUT MBH	RECOVERY RATE GPH 40°-140°F	STORAGE TANK SIZE/GAL.	ELECTRICAL DATA		FLUE SIZE (in.)	OPERATING WEIGHT (lbs.)	TYPICAL UNIT MFR. & MODEL NO.	NOTES
					HP	VOLT/Ø				
HTR-1	NATURAL GAS	299	341	70	1/4	120/1	4	1684	PVI INDUSTRIES 299 P A-PN	(1)(2)
HTR-2	NATURAL GAS	299	341	70	1/4	120/1	4		PVI INDUSTRIES 299 P A-PN	(1)(2)

NOTES:
(1) PROVIDE CONDENSATE NEUTRALIZATION SYSTEM WITH HEATER.
(2) PROVIDE AIR INTAKE ASSEMBLY WITH HEATER.

PUMP SCHEDULE

TAG	LOCATION	SERVICE	GPM	HD (FT.)	ELECTRICAL DATA 1684				TYPICAL UNIT MFG & MODEL NO.	NOTES:
					HP	RPM	VOLTS	PH		
RP-1	MECH ROOM	DOMESTIC HOT WATER	5	10	1/8	3250	115	1	TACO 0010-BF3	
WP-1	ELEVATOR SUMP	WASTE WATER	48	20	1/2	3600	115	1	STANCOR SE-50-ELV	(1)

NOTES: (1) OIL-RETAINING PUMP SYSTEM.

EXPANSION TANK SCHEDULE

TAG	LOCATION	SERVED	ACCEPT GAL.	DIA. (IN.)	HEIGHT (IN.)	WEIGHT FULL (LBS.)	PRE-CHARGE PSIG	TYPICAL UNIT MFG & MODEL NO.	NOTES
PET-1	PENTHOUSE	HW SYSTEM	8	12	19.5	108	-	AMTROL ST-20V-C	

NOTES:

NOTES:

1. SEE PL001 FOR PLUMBING LEGEND AND ABBREVIATIONS.

REV.	DESCRIPTION	DATE

ISSUED FOR G.M.P. & PERMITTING
4-3-09
CURRENT ISSUE STATUS:

SMRT
ARCHITECTURE
ENGINEERING
PLANNING
INTERIOR DESIGN
COMMISSIONING
144 Fore Street,P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070
www.smrtinc.com

MARTIN'S POINT HEALTH CARE
MEDICAL OFFICE BUILDING
PORTLAND, MAINE

PLUMBING SCHEDULES
SHEET TITLE:

SCALE:	AS NOTED	DATE:	
PROJECT MANAGER:	SLB	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	TCM/DJL		
A/E OF RECORD:	TAC	SHEET No.	
SMRT CAD FILE:	PL601-08139	PL601	
PROJECT No.	08139		

©2009 SMRT INC

PROGRESS PRINT