

**NOTE:**  
1. SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.

PLUMBING FIXTURE SCHEDULE						
TAG	DESCRIPTION	FIXTURE	FAUCET/DRAIN	TRIM	SUPPORT	NOTES
WC-A/B	WALL-HUNG WATER CLOSET A=ADA B=STD.	AMERICAN STANDARD MODEL 2257.103, VITREOUS CHINA, SIPHON JET TYPE, 1.6GPF, WHITE	TOTO ECOPOWER FLUSH VALVE MODEL (4)	CHURCH #9500-SSC SEAT - WHITE	ZURN MODEL #Z-1204-N	(1)
UR-A/B	WALL MOUNTED URINAL A=ADA B=STANDARD	AMERICAN STANDARD #6501.010 "WASHBROOK" VITREOUS CHINA, 3/4" TOP SPUD, 1.0GPF	TOTO ECOPOWER FLUSH VALVE MODEL (5)		ZURN #Z-1222	
LAV-A	WALL-HUNG - ADA - LAVATORY	SINGLE CENTER HOLE	TOTO ECOPOWER FAUCET (7) TEL5GSC-60 W/GRID DRAIN STRAINER - OFFSET TAILPIECE	MCGUIRE LOOSE KEY ANGLE STOPS, ESCUTCHEONS AND RISERS	ZURN MODEL #Z-1231 CARRIER	
LAV-B	CAST INTO LAVATORY	LAVATORY FORMED INTO COUNTER TOP SINGLE CENTER HOLE	TOTO ECOPOWER FAUCET (7) TEL5GSC-60 W/GRID DRAIN STRAINER - OFFSET TAILPIECE	MCGUIRE LOOSE KEY ANGLE STOPS, ESCUTCHEONS AND RISERS		
SS-A	STALL SHOWER ADA	ACRYLINE MODEL C3636 ADA-3/4" W/ RIGHT HAND SS WOOD GRAB FOLD-UP SEAT	SYMMONS TEMPTROL 2000 MODEL #25-500-B30-V-X-LP-FG	CURTAIN ROD, GRAB BARS & CHROME DRAIN		
SK-A	STAINLESS STEEL COUNTERTOP SINK	ELKAY MODEL LR3321, 304 SS, 18 GA. SELF-RIMMING DOUBLE BOWL SINK	CHICAGO FAUCETS MODEL #201-A390 W/ GRID DRAIN STRAINER			
SK-B	STAINLESS STEEL COUNTERTOP SINK	ELKAY MODEL MDLR-221910, 316 SS, 18 GA. SELF-RIMMING SINGLE BOWL SINK	CHICAGO FAUCETS MODEL #201-A390 W/ GRID DRAIN STRAINER			(2)(3)(4)
MR-A	MOP RECEPTOR	FIAT #TSB-100 MOLDED STONE BASIN WITH E-77-AA BUMPER GUARDS, ALL WALL GUARDS	CHICAGO FAUCETS MODEL #B14-VBCP	FIAT #B32-AA HOSE & BRACKET, #899-CC MOP HANGER		
EW-C	DRINKING FOUNTAIN	ELKAY MODEL EDFF217C DUAL HEIGHT WITH REMOTE (ER-10) CHILLER.				

NOTES: (1) WC-A = ADA HEIGHT & WC-B = STD. HGT.  
(2) 316 SS SINK  
(3) EYE WASH (EW-A) AT EACH SINK.  
(4) INSTALL ADA PIPING INSULATION ON EXPOSED PIPING UNDER SINK.

DOMESTIC WATER HEATER SCHEDULE										
TAG	FUEL	INPUT MBH	RECOVERY RATE 80°F RISE	STORAGE TANK SIZE/GAL.	ELECTRICAL DATA HP	VOLTS/Ø	FLUE SIZE (IN.)	OPERATING WEIGHT (LBS.)	TYPICAL UNIT MFR. & MODEL NO.	NOTES
WH-1	BOILER WATER	100.0	180	60	-	-	-	640	AMTROL WHS-602C-DW	(1)(2)
WH-2	BOILER WATER	100.0	180	60	-	-	-	640	AMTROL WHS-602C-DW	(1)(2)

NOTES: (1) 5 GPM OF 180°F BOILER WATER AT 40° Δ. (2) HEATING COIL TO BE DOUBLE WALL.

PUMP SCHEDULE												
TAG	LOCATION	SERVICE	GPM	HD (FT.)	BHP	ELECTRICAL DATA				TYPICAL UNIT MFG & MODEL NO.	NOTES	
						HP	RPM	VOLTS	PH			VFD
RP-1	MECHANICAL ROOM	DHW CIRCULATION	10	10	-	1/15	3250	120	1	NO	TACO 0010	(1)
WP-1	ELEVATOR SHAFT	WATER-ONLY PUMPING	64	22	-	0.4	3600	120	1	NO	STANCOR SE-40	(2)

NOTES: (1) BRONZE FITTED FOR DOMESTIC WATER USE. (2) OIL MINDER CONTROL MOUNTED IN ELEVATOR MACHINE ROOM - 10B.

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	MECHANICAL ROOM 40A	DOMESTIC HOT WATER SYSTEM	6.4	12	15.625	77	15	AMTROL ST-12-C	(1)(2)

NOTES: (1) PRECHARGE TO 15 PSIG (2) TANK TO HAVE FDA APPROVED BLADDER.

PLUMBING SPECIALTIES SCHEDULE				
TAG	APPLICATION	TYPICAL UNIT MFG & MODEL NO.	DESCRIPTION	NOTES
HB	INTERIOR HOSE BIBB	CHICAGO MODEL 952	INTEGRAL VACUUM BREAKER, LOOSE KEY, SMOOTH CHROME FINISH, 3/4" CONNECTION.	
FPHB	EXTERIOR HOSE BIBB	ZURN MODEL 1300	FREEZE RESISTANT, AUTOMATIC DRAINING, POLISHED BRONZE WALL PLATE, INTEGRAL BACKFLOW PREVENTER, 3/4" CONNECTION	(1)
WB-A	REFRIGERATOR WATER SUPPLY BOX	GLY GRAY MODEL B1M675	FULLY RECESSED GALVANIZED STEEL BOX W/ 1/2" ANGLE STOP VALVE	
EW-A	EMERGENCY EYE/FACE WASH	CHICAGO FAUCETS MODEL 9011	DECK-MOUNTED, SWING-FORWARD, EYE/FACE WASH.	
ES-A	EMERGENCY SHOWER	CHICAGO FAUCETS MODEL 9106	RECESSED CEILING SHOWER HEAD WITH WALL MOUNTED CONCEALED VALVE HOUSING.	


NOTES: (1) MATCH UNIT TO WALL THICKNESS - PIPING TO RUN IN WALL.

PLUMBING FIXTURE CONNECTION SCHEDULE					
FIXTURE	CW	HW	WASTE	VENT	NOTES
WALL-HUNG WATER CLOSET	1"	-	3"	2"	
URINAL	3/4"	-	1-1/2"	1-1/2"	
LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	
STALL SHOWER ADA	1/2"	1/2"	2"	1-1/2"	
STAINLESS STEEL COUNTERTOP SINK	1/2"	1/2"	1-1/2"	1-1/2"	
MOP RECEPTOR	3/4"	3/4"	3"	1-1/2"	
DRINKING FOUNTAIN	1/2"	-	1-1/2"	1-1/2"	BOTH FOUNTAINS USE SINGLE WATER & SAN.
EYE/FACE WASH	1/2"	1/2"	-	-	(2)
EMERGENCY SHOWER	1"	1"	-	-	(1)

NOTES: (1) HOT & COLD TO LEONARD TM-800 THEN TO ES-A.  
(2) HOT & COLD TO LEONARD TM-300 THEN TO EW-A.

DRAIN SCHEDULE					
TAG	APPLICATION	TYPICAL UNIT MFG & MODEL NO.	DESCRIPTION	TRAP PRIMER	NOTES
FD-A	FINISHED PUBLIC SPACES	ZURN ZN-415-68-P	FLOOR AND SHOWER DRAIN COATED CAST IRON BODY ADJUSTABLE NICKEL BRONZE STRAINER	SINGLE DRAIN APPLICATION	(1)(3)
FD-B	UNFINISHED EQUIPMENT SPACES	ZURN Z-554-P	MEDIUM DUTY DRAIN, CAST IRON BODY & GRATE, 3/4" TRAP PRIMER CONNECTION	PRECISION PLUMBING PRODUCTS #PPR-500	(1)(2)(3)(4)
RD-A	ROOF DRAIN	ZURN ZA-100-C-R	ROOF DRAIN, ALUMINUM DOME, COATED CAST IRON BODY, SUMP RECEIVER, CLAMP		(4)(5)
RD-B	BALCONY DECK DRAIN	ZURN Z-158-C-R-Y	ROOF DRAIN, DURA-COATED CAST IRON GRATE, COATED CAST IRON BODY, SUMP RECEIVER, UNDERDECK CLAMP, SEDIMENT BUCKET AND 2" OUTLET CONNECTION.		(4)(5)

NOTES: (1) 1/2" TRAP PRIMER CONNECTION, PLUG WHERE NOT USED.  
(2) SEDIMENT BUCKET.  
(3) SLAB ON GRADE - CAULK OUTLET.  
(4) BALCONY/MEZZANINE/ROOF - NO HUB OUTLET.  
(5) 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-150.  
(6) PROVIDE 2-1000-P DEEP SEAL TRAP WITH 3/4" TRAP PRIMER CONNECTION.

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REV.	DESCRIPTION	DATE
<b>ISSUED FOR CONSTRUCTION</b> <b>10-23-03</b>		
CURRENT ISSUE STATUS:		
		
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<b>THE GULF OF MAINE RESEARCH INSTITUTE</b> PORTLAND, MAINE		
PROJECT: <b>SCHEDULES</b>		
SHEET TITLE:		
SCALE: NOT TO SCALE	DATE: 10-23-03	
PROJECT MANAGER: DRL	GRAPHIC SCALE: 0" = 1"	
JOB CAP/DRAWN: SDL/BGG		
A/E OF RECORD: DBR	SHEET No.	
SMRT CAD FILE: PL601-03034		
PROJECT No. 03034		<b>PL601</b>