

PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	WATER				WASTE		VENT	DESCRIPTION	NOTES
		COLD RUNOUT	COLD CONN.	HOT RUNOUT	HOT CONN.	RUNOUT	CONN.			
L-1	LAVATORY	1/2"	3/8"	1/2"	3/8"	2"	1 1/4"	1 1/2"	ELKAY ELU1511, 18 GAUGE 17" X 13" OVAL UNDER-MOUNT STAINLESS STEEL LAVATORY, FAUCET - ZURN Z7440-XL-FC, AERATOR - 0.5 GPM VANDAL RESISTANT, MIXING VALVE - ZURN ZW3870XLT (ASSE 1070), SUPPLY - MCGUIRE #H165LKN3, DRAIN - ZURN Z8743NOF-PC, P-TRAP - MCGUIRE #8872C, COVERING - MCGUIRE #PW2000WC. UNIT SHALL BE ADA COMPLIANT.	1, ADA ACCESSIBLE
SH-1	SHOWER	1/2"	3/8"	1/2"	3/8"	2"	2"	1 1/2"	BRADLEY HN250-T24-HD-SB-CMS SURFACE MOUNTED ADA COMPLIANT WALL SHOWER, SHOWER HEAD - 268-819, TEMPERING VALVE - ASSE 1016, MOUNT HEAD AT 6'-0" AFF, CENTER HEAD IN ACCORDANCE WITH ARCHITECTURAL DETAIL A13K.	1, ADA ACCESSIBLE
UT-1	WASHER BOX	3/4"	3/4"	3/4"	3/4"	---	2"	---	GATEY 38478 WASHER UTILITY BOX WITH 1/4 TURN BALL VALVES WITH WATER HAMMER ARRESTOR COPPER SWEAT, 2 HOUR FIRE RATING.	
WC-1	WATER CLOSET	1 1/4"	1"	---	---	4"	3"	2"	TOTO CT705ELNG 17-1/2" FLOOR MOUNTED ELONGATED SIPHON JET, VITREOUS CHINA TOILET WITH 1 1/2" TOP SPUD - TOTO TMT1NNC-32 MANUAL FLUSH VALVE WITH VACUUM BREAKER - 1.28 GALLON FLUSH - BEMIS 1955-CT WHITE SOLID PLASTIC ELONGATED OPEN FRONT SEAT LESS COVER AND STAINLESS STEEL HINGES, CENTERLINE OF BOWL SHALL BE 18" FROM NEAREST FINISHED WALL. UNIT SHALL BE ADA COMPLIANT.	1, ADA ACCESSIBLE
SK-1	HAND SINK	1/2"	1/2"	1/2"	1/2"	2"	2"	2"	HAND SINK BY OWNER. PLUMBING CONTRACTOR TO PROVIDE ASSE 1070 MIXING VALVE.	1, ADA ACCESSIBLE
SK-2	SINK BY OWNER	1/2"	1/2"	1/2"	1/2"	(IND)	---	---	SINK AND FAUCET BY OWNER FOR INSTALLATION BY PLUMBING CONTRACTOR.	1
SK-3	SINK BY OWNER	1/2"	1/2"	1/2"	1/2"	(IND)	---	---	SINK AND FAUCET BY OWNER FOR INSTALLATION BY PLUMBING CONTRACTOR.	1

NOTES:
 1. FIXTURE SHALL BE PROVIDED BY LOVES, CONTRACTOR INSTALLED. CONTRACTOR TO PROVIDE ALL ACCESSORIES THAT ARE REQUIRED FOR FULL INSTALLATION OF THESE PLUMBING FIXTURES (SUCH AS: INSULATION, ANGLE VALVES, P-TRAPS, ETC.)
 2. CONTRACTOR SHALL PAINT THE HEAD AND NOZZLE ASSEMBLY YELLOW AND LABEL THE HYDRANT WITH A 12" YELLOW FIELD & 1-1/4" BLACK LETTERS WITH THE FOLLOWING PHRASE: "CAUTION : NONPOTABLE WATER, DO NOT DRINK"

SPECIALTY PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER	MODEL	DESCRIPTION
CO-1	EXTERIOR CLEANOUT	JAY R. SMITH	4250	HEAVY DUTY DURACOAT CAST IRON BODY WITH DOUBLE FLANGE HOUSING AND SCORRIATED CAST IRON COVER WITH LIFTING DEVICE SECURED WITH COUNTERSUNK SCREWS.
CO-2	INTERIOR CLEANOUT	JAY R. SMITH	4422	LINE TYPE WITH LACQUERED CAST IRON BODY AND ROUND EPOXY COATED GASKETED COVER, AND ROUND STAINLESS STEEL ACCESS COVER SECURED WITH MACHINE SCREW.
CO-3	INTERIOR CLEANOUT	JAY R. SMITH	4141	LACQUERED CAST IRON BODY WITH ANCHOR FLANGE, REVERSIBLE CLAMPING COLLAR, THREADED TOP ASSEMBLY AND ROUND GASKETED COVER IN SERVICE AREAS AND ROUND GASKETED DEPRESSED COVER TO ACCEPT FLOOR FINISH IN FINISHED FLOOR AREA.
FD-2	FLOOR DRAIN	WATTS	FD12-R-6R-GNB	ASME A112.21.1M, ON GRADE PVC TWO PIECE BODY WEEP HOLES, AND ROUND, ADJUSTABLE NICKEL-BRONZE STRAINER WITH ROUND FUNNEL, 3" OUTLET SIZE.
FD-3	FLOOR DRAIN	WATTS	FD12-R-6R-HNB	ASME A112.21.1M, ON GRADE PVC TWO PIECE BODY WEEP HOLES, ADJUSTABLE 6" DIAMETER SATIN NICKEL BRONZE STRAINER WITH OVAL FUNNEL AND 4" OUTLET SIZE.
FS-1	FLOOR SINK	WATTS	FS-740-1-150-FC	12"X12" SQUARE LACQUERED CAST IRON BODY WITH INTEGRAL SEEPAGE PAN, EPOXY COATED INTERIOR, 8" DEEP SUMP, ALUMINUM DOME STRAINER, CLAMP COLLAR, HALF GRATE, AND SATIN NICKEL-BRONZE STRAINER W/ 4" OUTLET.
FS-2	FLOOR SINK	WATTS	FS-730-1-150-FC	12"X12" SQUARE LACQUERED CAST IRON BODY WITH INTEGRAL SEEPAGE PAN, EPOXY COATED INTERIOR, 8" DEEP SUMP, ALUMINUM DOME STRAINER, CLAMP COLLAR, HALF GRATE, AND SATIN NICKEL-BRONZE STRAINER W/ 3" OUTLET.
RD-1	ROOF DRAIN	WATTS	RD-300	COATED CAST IRON BODY, BOTTOM OUTLET, NO-HUB ROOF DRAIN WITH CAST OR DUCTILE IRON DOME, MEMBRANE CLAMP, ADJUSTABLE EXTENSION (OR EXTENSION SIZED FOR ROOF INSULATION), SUMP RECIEVER AND UNDERDECK CLAMP.
RD-2	ROOF DRAIN	WATTS	RD-300-R	COATED CAST IRON BODY, BOTTOM OUTLET, NO-HUB ROOF DRAIN WITH CAST OR DUCTILE IRON DOME, MEMBRANE CLAMP, ADJUSTABLE EXTENSION (OR EXTENSION SIZED FOR ROOF INSULATION), SUMP RECIEVER AND UNDERDECK CLAMP.
SD-1	SHOWER DRAIN	WATTS	SD-2PVC-PB	ASME A112.21.1M, ON GRADE PVC TWO PIECE BODY WITH DOUBLE DRAINAGE FLANGE, WEEP HOLES, ADJUSTABLE 4.125" DIAMETER SATIN NICKEL BRONZE STRAINER, AND 2" OUTLET SIZE.

NOTES:
 1. NOT ALL FIXTURES LISTED MAY BE USED ON PLANS
 2. ALL FLOOR DRAINS, FLOOR SINKS, AND ROOF DRAINS SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR.
 3. SEE SPECIFICATION SECTION SHEET M1.

EVAPORATOR & CONDENSER UNIT SCHEDULE

MARK	MANUFACTURER	MODEL	TYPE	PLUMBING				ELECTRICAL				WEIGHT
				WATER	WASTE	GAS	REMARKS	VOLT/PH	MCA	CON.		
EP-1	HEATCRAFT	LSF120BEQR06K	EVAPORATOR	---	IND	---	---	208/1	1.5	JB	80	
EP-2	HEATCRAFT	LSC120AEQR06K	EVAPORATOR	---	IND	---	---	115/1	1.8	JB	51	
CU-1	HEATCRAFT	CCH003SLCAGZA0000	CONDENSER	---	---	---	---	208/3	20	DISC	232	
CU-2	HEATCRAFT	CCH0020MCAAGZA0000	CONDENSER	---	---	---	---	208/3	15	DISC	221	

GREASE INTERCEPTOR SCHEDULE

ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED AND INSTALLED BY CONTRACTOR.

MARK	MANUFACTURER	MODEL	FLOW RATE (GPM)	GREASE CAPACITY	REMARKS
GT-1	GREAT BASIN	GB-2	35	142 LBS	POLYETHYLENE BELOW GRADE GREASE INTERCEPTOR, FIELD ADJUSTED RISER SYSTEM WITH BUILT-IN FLOW CONTROL. GREASE INTERCEPTOR SHALL BE RECESSED INTO THE FINISHED FLOOR, PROVIDE ALL REQUIRED STEEL SUPPORT FRAMING AND TIE ROD SUPPORTS, VENT AS REQUIRED BY LOCAL AHJ. INTERCEPTOR SHALL BE CERTIFIED TO ASME A112.14.3 (TYPE C) AND CSA B481.1.

WATER HEATER SCHEDULE

ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATION.

MARK	MANUFACTURER/ MODEL	LOCATION	TYPE	RECOVERY RATE 100°F (GPH)	ELECTRICAL IN (V)	EFF. (%)	PHYSICAL TANK SIZE (GAL)	NOTES		
									VOLTS/PH	IN (V)
DWH-2	BRADFORD WHITE M-H-120	BACKSTOCK	TANK	149	100	208/3	36	98	119	1-5
AR-DWH	BRADFORD WHITE M-H-120	ARBY'S MECH. CLOSET	TANK	149	100	208/3	36	98	119	2-5

NOTES:
 1. PROVIDE WITH MIXING VALVE STATION BRADLEY S59-3080
 2. RECIRCULATION PUMP; TACO 009-BF5.
 3. PROVIDE WITH EXPANSION TANK; WATTS MODEL DETA-12 (3.0 GAL. ACCEPTANCE VOLUME)
 4. PROVIDE WITH RECIRCULATION VALVES; CIRCUIT SOLVER MODEL CS-12-105; REFER SHEET 11 FOR EXACT LOCATIONS.
 5. OWNER PROVIDED FOR CONTRACTOR INSTALLATION

WATER HAMMER ARRESTOR SIZING

IF BRANCH IS GREATER THAN 20' LONG, PROVIDE ANOTHER WHA IN MIDDLE, EACH SIZED FOR HALF THE FIXTURE UNITS.
 IF HORIZONTAL BRANCH IS LESS THAN 20' LONG, PROVIDE ONE WHA AT END OF LINE.

FIXTURE	CW FIXTURES UNITS	HW FIXTURE UNITS
VALVE WATER CLOSET	10	-
TANK WATER CLOSET	5	-
URINAL	5	-
LAVATORY/SINK	1.5	1.5
JANITOR SINK	3	3
SHOWER BATH TUB	2	2

TAG	PDI SIZE	PIPE SIZE	MAX FIXTURE UNITS
WHA	A	1/2"	1 - 11
WHA, SIZE "B"	B	3/4"	12 - 32
WHA, SIZE "C"	C	1"	33 - 60
WHA, SIZE "D"	D	1 1/4"	61 - 113
WHA, SIZE "E"	E	1 1/2"	114 - 154
WHA, SIZE "F"	F	2"	155 - 211

PLUMBING LEGEND

LINETYPE/SYMBOL	DESCRIPTION
---	VENT LINE
—W—	SANITARY SEWER
---	DOMESTIC COLD WATER
---	DOMESTIC HOT WATER
---	DOMESTIC HOT WATER RETURN
— —	WALL CLEAN OUT
---	CONNECT TO EXISTING
ETR	EXISTING TO REMAIN

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PLUMBING SCHEDULES

SHEET: P4