

PLUMBING ACCESSORY			
ID	BASIS OF DESIGN		SPECIFICATION
	MANUFACTURER & MODEL	UTILITY CONNECTION	
RPZ-1	FEBCO #825YA,	1" CW	REDUCED PRESSURE ZONE ASSEMBLY - 13-1/3"x8-1/2"x8", 1" ASSEMBLY, VERTICAL UP FLOW IN/HORIZONTAL FLOW OUT, MAINLINE VALVE & RELIEF VALVE BODY SHALL BE BRONZE, CHECK VALVE MOVING MEMBERS SHALL BE CENTER STEM GUIDED, RELIEF VALVE SHALL HAVE REMOVABLE SEAT RING, ALL SEAT DISCS SHALL BE REVERSIBLE, INCLUDES TWO INDEPENDENTLY OPERATING, SPRING LOADED, "Y" PATTERN CHECK VALVES, AND ONE HYDRAULICALLY DEPENDENT DIFFERENTIAL RELIEF VALVE, INCLUDE WYE-STRAINER ON VERTICAL INLET, MAX WORKING PRESSURE 175 PSI, MAX TEMPERATURE RANGE 32F-140F, 11 PSI HEAD LOSS @23 GPM, ASSE 1013 CERTIFIED, ANSI/AWWA C511 APPROVED
FCO	WATTS #CO-1200-RX-4-NH,	SAME SIZE AS LINE, MAX 4"	FLOOR CLEANOUT - SAME SIZE AS LINE, MAX. 4", EPOXY COATED CAST IRON FLOOR CLEANOUT WITH 5" ROUND ADJUSTABLE GASKETED EXTRA HEAVY DUTY STAINLESS STEEL TOP, REMOVABLE GAS TIGHT GASKETED BRASS CLEANOUT PLUG, AND NO HUB OUTLET
DCOTG	WADE, 6000-12 SERIES	SAME SIZE AS LINE, MAX 4"	CLEANOUT-TO-GRADE/DOUBLE-CLEANOUT-TO-GRADE - SAME SIZE AS LINE, MAX. 4 INCH, HEAVY DUTY CAST IRON, FERRULE, THREADED ADJUSTABLE HOUSING, INTEGRAL CLAMPING COLLAR, ABS PLUG, 7-1/8 INCH SQUARE HEAVY DUTY DUCTILE IRON TOP

PLUMBING EQUIPMENT								
ID	BASIS OF DESIGN	ELECTRICAL						SPECIFICATION
	MANUFACTURER & MODEL	UTILITY CONNECTIONS	CONNECTION TYPE	VOLTAGE	PHASE	POWER	AMPS	
WH-1	CHRONOMITE #CMI-15L/240,	1/2"CW, 1/2"HW	HARDWIRED WITH GFCI PROTECTION	240 V	1	3.6 kW	15	ELECTRIC TANKLESS WATER HEATER - 49°F RISE @ 0.5 GPM, 13-7/16"x6-1/4"x2-3/4"D, POINT-OF-USE, MULTIPLE LAVATORY, 0.2 GPM ACTIVATION FLOW, FACTORY SET TO 110°F, 99% ENERGY EFFECIENT, MICROPROCESSOR THERMOSTATIC TEMPERATURE CONTROL, ASSE 1070 COMPLIANT, LESS DISCONNECT SWITCH

PLUMBING FIXTURE									
ID	BASIS OF DESIGN		SPECIFICATION						
	MANUFACTURER & MODEL	ACCESSORIES	COLD	HOT	WASTE	INDIRECT	VENT	TRAP	
WC-1	WATER CLOSET - AMERICAN STANDARD "MADERA" #3043.001, FLUSH VALVE - SLOAN #111-1.6,	AMERICAN STANDARD SEAT #5901.100SS,	1"	---	4"	---	2"	INTEGRAL	WATER CLOSET - ADA ACCESSIBLE, 16-1/2" RIM HEIGHT, FLOOR MTD, VITREOUS CHINA LESS EVERCLEAN SURFACE, ELONGATED BOWL, INTEGRAL STOPS AND TRAP, SIPHON JET, 1-1/2" EXPOSED TOP SPUD, FLUSH VALVE - 1.6 GPF, POLISHED CHROME FINISH, TOP SPUD, MANUAL SINGLE FLUSH, PERMEX SYNTHETIC RUBBER DIAPHRAGM WITH LINEAR FILTERED BYPASS AND VORTEX CLEANSING ACTION, VACUUM BREAKER WITH FLUSH CONNECTION, VANDAL RESISTANT STOP CAP ON ANGLE CHECK STOP, SEAT - OPEN FRONT ELONGATED SEAT, SELF SUSTAINING, LESS COVER
LV-1	SINK - AMERICAN STANDARD "AQUALYN" #0476.028 FAUCET - DELTA #22C451,	OPEN GRID STRAINER - DELTA #33T260, P-TRAP - ZURN #Z8701-PC, SUPPLY STOP VALVES - ZURN #Z8807-XL-LR-PC,	1/2"	1/2"	1-1/2"	---	2"	1-1/4"	LAVATORY - ADA COMPLIANT, 20-3/8"x17-3/8"x5-5/8"D (16"x10"x5-5/8" INSIDE), DROP IN-COUNTERTOP, WHITE VITREOUS CHINA, FRONT OVERFLOW, THREE FAUCET HOLES ON 4" CENTERS, FAUCET - 0.5 GPM, MANUAL, SINGLE LEVER, POLISHED CHROME-PLATED FINISH, LEAD FREE, 2.8" SPOUT HEIGHT, 5.9" SPOUT REACH, VANDAL RESISTANT SPRAY OUTLET, OPEN GRID STRAINER INCLUDED, CARRIER - CONCEALED ARM WALL CARRIER
SK-1	SINK - JUST MANUFACTURING #SLADA17519A55-J, FAUCET - DELTA #100LF-HDF,	DRAIN - JUST MANUFACTURING #J-35, P-TRAP - ZURN #8702-PC, SUPPLY STOP VALVES - ZURN #Z8807-XL-LR-PC,	1/2"	1/2"	2"	---	2"	1-1/2"	SINK - ADA COMPLIANT, 19"x18"x5-1/2"D, 1 COMPARTMENT (16"x11-1/2"x5-3/8"D INSIDE), COUNTER-TOP DROP IN, SELF RIMMING, 18 GAUGE TYPE 304 STAINLESS STEEL, LUSTROUS SATIN FINISH, CENTER DRAIN OUTLET, THREE FAUCET HOLES ON 8" CENTERS, FAUCET - 1.5 GPM, CHROME PLATED LEAD FREE, MANUAL SINGLE HANDLE, 4-3/4" SPOUT HEIGHT, 8-11/16" SPOUT REACH, SWIVEL SPOUT, DECK MTD, 10-1/2" DECK PLATE
HB-1	WOODFORD, 26	PROVIDE FULL PORT ISOLATION BALL VALVE FOR FIXTURE,	3/4"	---	---	---	---	---	HOSE BIBB - 3-3/4"x4-3/4", BRASS CONSTRUCTION, EPDM PACKING, POLYCARBONATE WHEEL HANDLE AND LOOSE TEE KEY, 1/2" INLET, 125 PSI MAX PRESSURE, 120F MAX TEMP, INCLUDES BACKFLOW PREVENTER WITH TWO INDEPENDENT CHECKS, DRAINS AUTOMATICALLY, ASSE 1052 APPROVED T
FPWH-1	WOODFORD #B67,	PROVIDE FULL PORT ISOLATION BALL VALVE FOR FIXTURE,	3/4"	---	---	---	---	---	FREEZEPROOF WALL HYDRANT - SIZE FOR WALL THICKNESS+4", RED BRASS VALVE BODY, 3/8" SOLID BRASS OPERATING ROD, HARDENED STAINLESS STEEL STEM, ONE PIECE VALVE PLUNGER, COPPER CASTING TUBES, DRAIN PORT UNDER NOZZLE, 3/4" HOSE CONNECTION W/ HIGH FLOW DOUBLE CHECK BACKFLOW PREVENTER, ADJUSTABLE WALL CLAMP, ASSE 1052 CERTIFIED
FS-1	ZURN #Z1910,	TRAP SEAL DEVICE,	---	---	SEE PLAN	---	2"	SEE PLAN	FLOOR SINK - 8"x8"x6-1/2"D, ACID RESISTANT PORCELAIN ENAMEL COATING ON DRAIN AND GRATE, LOOSE SET 1/2 GRATE, ANTI-SPLASH ALUMINUM DOME STRAINER, DEEP SEAL TRAP. PROVIDE TRAP SEAL EQUAL TO MIFAB MI-GUARD.
WS-1	CULLIGAN, HE-60, 12"		1-1/4"	---	---	---	---	---	WATER SOFTENER SYSTEM, 2.0 CU. FT. RESIN, 12.6 GPM @ 15 PSIG AUXILIARY FLOW, 3.0 GPM MAX. DRAIN FLOW, 59267 @ 24 DOWNFLOW REGEN. MAX. CAPACITY.
WF-1	CULLIGAN, HE 10" FILTER CLEER		1-1/4"	---	---	---	---	---	WATER FILTER SYSTEM, 12.0 GPM @ 15 PSIG RATED SERVICE FLOW, 7.0 GPM MAX. DRAIN FLOW.

WATER HAMMER ARRESTOR						
P.D.I. UNITS	A	B	C	D	E	F
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330
WADE "SHOKSTOP" #4481 SERIES WATER HAMMER ARRESSTOR, SEAMLESS COPPER CONSTRUCTION, POLYPROPYLENE PISTON, (2) EPDM ORINGS, MNPT CONNECTION, MAX. PRESS. 350 PSI, MAX. TEMP. 250°F, PROVIDE PROPERLY SIZED WATER HAMMER ARRESSTORS AND LOCATE ON PIPING IMMEDIATELY UPSTREAM OF ALL QUICK CLOSING VLAVES (E.G. FLUSH VLAVES, DISHWASHER, ICE MAKERS, SOLENOID VALVES, ETC.)						

Project

AEROJET
New Guard
Post - 2

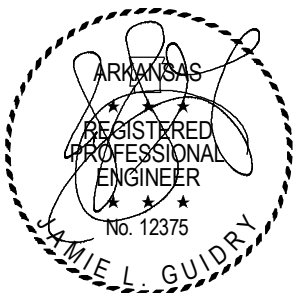
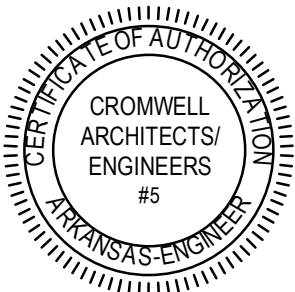
Design Phase

CONSTRUCTION
DOCUMENTS

Revisions

No.	Date	Description

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Notes

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