

PLUMBING FIXTURE											
ID	BASIS OF DESIGN		ACCESSORIES	SPECIFICATION							
	MANUFACTURER & MODEL			COLD	HOT	WASTE	INDIRECT	VENT	TRAP		
WC-1	AMERICAN STANDARD #2467.100 "CADET FLOWISE",		AMERICAN STANDARD SEAT #5901.110	1"	---	4"	---	2"	INTEGRAL	WATER CLOSET - ADA COMPLIANT, 30-1/4"x20-1/2"x30-3/4"H, 1.1 GPF, FLOOR MOUNTED, VITREOUS CHINA, PRESSURE ASSISTED SIPHON JET FLUSHING ACTION, ANTI-BACTERIA INHIBITORS, ELONGATED BOWL, SEAT - OPEN FRONT SEAT, SELF SUSTAINING, LESS COVER	
LV-1	AMERICAN STANDARD #0356.421 "LUCERNE", DELTA FAUCET #516LF-HGMHDF		MCGUIRE OFFSET GRID STRAINER #PW155WC, MCGUIRE P-TRAP #PW8090, MCGUIRE SUPPLY STOP VALVES #LFBV2-02, WADE CARRIER #530 SERIES (SINGLE OR DOUBLE AS REQUIRED)	1/2"	1/2"	2"	---	2"	1-1/4"	LAVATORY - ADA COMPLIANT, 18-1/4"x20-1/2"x38"H, WALL HUNG, WHITE VITREOUS CHINA, FRONT OVERFLOW, TWO FAUCET HOLES ON 4" CENTERS, FAUCET - 0.5 GPM, MANUAL, SINGLE LEVER, LEAD FREE, 4" SPOUT, DUAL HOT/COLD SUPPLY ON 4" CENTERS, INTEGRAL THERMOSTATIC MIXING ABOVE DECK, CARRIER - CONCEALED ARM WALL CARRIER	
SK-1	JUST MFG #SL-2125-A-GR, T&S BRASS #B-2862-QT-VR22		MCGUIRE OFFSET BASKET STRAINER #1151AWC, MCGUIRE P-TRAP #8912, MCGUIRE SUPPLY STOP VALVES #LFBV2-04, PROVIDE SUPPLY STOP VALVES FOR ALL ADJACENT PLUMBING ACCESSORIES	1/2"	1/2"	2"	---	2"	1-1/2"	SINK - ADA COMPLIANT, 21"x25"x7-1/2"D, 1 COMPARTMENT (16"x19"x7-1/2"D), COUNTER-TOP, SELF RIMMING, 18 GAUGE TYPE 302 STAINLESS STEEL, CENTER DRAIN OUTLET, THREE FAUCET HOLES ON 8" CENTERS, FAUCET - 2.2 GPM, CHROME PLATED LEAD FREE, 8-13/16" GOOSENECK SWING SPOUT, DECK MTD, 4" WRIST BLADES, CONCEALED DUAL HOT/COLD SUPPLY, 8" FIXED CENTERS	
JS-1	STERN WILLIAMS #MTB-2424, T&S BRASS #B-0658		STERN-WILLIAMS #T-35 RUBBER HOSE AND HANGER, STERN-WILLIAMS #T-40 MOP HANGER, (2) STERN-WILLIAMS #BP SPLASH PANELS	3/4"	3/4"	3"	---	2"	3"	MOP SINK - 24" x 24" x 10", FLOOR MTD, PRECAST TERRAZZO, STAINLESS STEEL CAPS, FAUCET - CHROME PLATED LEAD FREE, VACUUM BREAKER, PAIL HOOK, 6" WRIST BLADE CONTROLS, 3/4" HOSE THREADED OUTLET, COMPRESSION CARTRIDGES WITH SPRING CHECK VALVES, UPPER SUPPORT ROD	
UC-1	GUY GRAY #MIB1HAAB,		---	1/2"	---	---	---	---	---	UTILITY CONNECTION BOX - 7"x7"x2-1/2", FIRE RATED WHITE POWDER COATED 20 GAUGE STEEL WALL BOX, BOTTOM SUPPLY VALVE, LEAD FREE BRASS, QUARTER TURN, SWEAT INLET CONNECTION, INTEGRAL HAMMER ARESSTOR, MOUNT LOW ON WALL IN ACCESSIBLE LOCATION	
FS-1	MIFAB #FS1520-FL-150-MG,		(-MG) MIFAB "MI-GARD" TRAP SEAL DEVICE	---	---	SEE PLAN	---	2"	SEE PLAN	FLOOR SINK - 8"x8"x6"D, ACID RESISTANT ENAMEL COATING ON DRAIN AND GRATE, (-150) LOOSE SET 1/2 GRATE, ANCHOR FLANGE, OPTIONAL CLAMPING COLLAR FOR MEMBRANE FLOORS, SEEPAGE OPENINGS, ANTI-SPLASH ALUMINUM DOME BOTTOM STRAINER	

PLUMBING ACCESSORY			
ID	BASIS OF DESIGN	UTILITY CONNECTION	SPECIFICATION
	MANUFACTURER & MODEL		
ET-1	AMTROL #ST-5-C "THERM-X-TROL"	3/4" CW	EXPANSION TANK - 2 GAL TOTAL CAPACITY, 150 PSI WORKING PRESSURE, 8"DIA x 14" H, 3/4" NPT THREADED CONNECTION, 10 LBS, PROVIDE FULL PORT ISOLATION BALL VALVE AT CONNECTION TO CW
RPZA-1	FEBCO #825YA	1"CW	REDUCED PRESSURE ZONE ASSEMBLY - 1 INCH, LEAD FREE CAST BRASS, EASILY REMOVABLE MODULAR CHECK VALVE ASSEMBLIES, CAPTURED STAINLESS STEEL SPRINGS, BALL VALVE SHUT-OFFS W/ STAINLESS STEEL HANDLES AND UNIONS, WYE STRAINER INCLUDED, MODULAR RELIEF VALVE, 175 PSI MAX WORKING PRESSURE, 33F-180F TEMP RANGE, ALL PARTS, COMPONENTS, AND ASSEMBLIES MADE IN USA
FCO	WADE #6000-1 SERIES	SAME SIZE AS LINE, MAX 4"	FLOOR CLEANOUT - SAME SIZE AS LINE, MAX. 4", HEAVY DUTY CAST IRON, FERRULE, THREADED ADJUSTABLE HOUSING, INTEGRAL CLAMPING COLLAR, ABS PLUG, 6-3/4"DIA ROUND SCORIATED SECURE TOP WITH SATIN NICKEL-BRONZE FINISH
FCO	WADE #6000-1 SERIES	SAME SIZE AS LINE, MAX 4"	FLOOR CLEANOUT - SAME SIZE AS LINE, MAX. 4", HEAVY DUTY CAST IRON, FERRULE, THREADED ADJUSTABLE HOUSING, INTEGRAL CLAMPING COLLAR, ABS PLUG, 6-3/4"DIA ROUND SCORIATED SECURE TOP WITH SATIN NICKEL-BRONZE FINISH
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				
EWH-1	EEMAX #SPEX3512T-ML	1/2"CW, 1/2"HW	HARDWIRED WITH GFCI PROTECTION	120 V	1	3.5 kW	29	ELECTRIC TANKLESS WATER HEATER - 48°F RISE @ 0.5 GPM, 9-3/4"H x 5-1/4"W x 3"D, POINT-OF-USE, 0.2 GPM ACTIVATION FLOW, FACTORY SET TO 120°F, FIELD ADJUSTABLE RANGE OF 70-140°F, REPLACEABLE Ni CHROME CARTRIDGE INSERT, MAXIMUM OPERATING PRESSURE OF 150 PSI, MICROPROCESSOR TEMPERATURE CONTROL WITH DIGITAL DISPLAY, POWER MODULATING CONTROLS, MOUNTS IN ANY ORIENTATION, HIGH TEMPERATURE LIMIT SWITCH, 1 YEAR PARTS WARRANTY, 3/8" COMPRESSION FITTINGS			
EWH-2	RHEEM #EGSP10	3/4"CW, 3/4"HW TANK DRAIN	HARDWIRED WITH GFCI PROTECTION	208 V	1	2.5 kW	12 FLA	ELECTRIC WATER HEATER - 10 GAL, 10 GPH @ 100°F RISE, 16"DIA 23"H, TANK TYPE, HIGH-TEMP PORCELAIN ENAMEL TANK LINING, MAGNESIUM ANODE ROD RIGIDLY SUPPORTED, 150 PSI WORKING PRESSURE RATING, COPPER RESISTORED SCREW-IN ELEMENTS, INSLUTED WITH RIGID POLYURETHANE FOAM, SURFACE MOUNTED THERMOSTATS WITH INTEGRAL MANUAL RESET, HIGH LIMIT CONTROL, CSA/ASME RATED T&P RELIEVE VALVE, UL SEAL OF CERTIFICATION, COMPLETELY FACTORY ASSEMBLED			

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 VALVES (E.G. FLUSH VALVES, DISHWASHER, ICE MAKERS, SOLENOID VALVES, ETC.)						

Project

AER JET

ROCKETDYNE

BUILDING A14  
TOILET RENOVATION &  
BREAKROOM ADDITION  
EAST CAMDEN, ARKANSAS

Design Phase

CONSTRUCTION DOCUMENTS

Revisions

No.	Date	Description

Stamp

CROMWELL ARCHITECTS/ENGINEERS #5

REGISTERED PROFESSIONAL ENGINEER  
NO. 12375  
JAMIE L. GUIDRY

11-13-2024

Notes

1. CROMWELL ARCHITECTS ENGINEERS, INC. ALL RIGHTS RESERVED

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PLUMBING SCHEDULES

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