

TOILET PLUMBING FIXTURE SCHEDULE									
MARK	FIXTURE	BRANCH SIZES (MIN)			MANUFACTURER	MODEL	TRIM AND ACCESSORIES	NOTES	
		CW	HW	WASTE					VENT
CC2H	WATER CLOSET CARRIER SINGLE HORIZONTAL RIGHT ACCESSIBLE		4"	2"	JOSAM WADE	12684-35 310N-UA-H	ADJUSTABLE COATED CAST IRON SHORT BARREL 4" NO HUB FITTING WITH 2" NO HUB VENT. FACTORY-TAPPED 2" NO HUB URINAL CONNECTION. ABS EXTENSION WITH TEST CAP. CHROME PLATED HARDWARE. NEOPRENE FITTING AND FIXTURE GASKETS, AND HUSKY SD4000 COUPLINGS. FLOW DIRECTION (RIGHT) IS FROM SEATED FIXTURE USER'S POINT OF REFERENCE.	A	
L17	LAVATORY DECK 3-STATION	1/2"	1/2"	1 1/2"	1 1/2"	VERONA STONE AND STEEL	SM20046-35CN S2D-UM7300-90-SB	VERONA: WALL MOUNTED, ONE-PIECE QUARTZ DECK (BIANCO SAND) STONE AND STEEL WALL MOUNTED, ONE-PIECE QUARTZ DECK (SNOW BLIND) BOWL. CHINA SHELL CH4350 UNDERMOUNT 18"x13" CHINA BOWLS. VERONA BASE: ACCORN EN121A0-002 ENVIRO-GLAZED WHITE ENCLOSURE. STONE & STEEL BASE: S2D-ENC7000-WH WHITE ENCLOSURE. FAUCET: TOTO TEL145-D10E - 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM. CHROME PLATED BRASS P-TRAP WITH CLEANOUT GRID STRAINER WITH TAILPIECE CONNECTION ACCESSORIES: (2) STOP VALVES PER DECK, THERMOSTATIC MIXING VALVE KIT (TMV, HOSES & FITTINGS) SET TMV TO 105°F. TMV: ZURN ZW1070XL	B, F
L23	LAVATORY DECK 1-STATION	1/2"	1/2"	1 1/2"	1 1/2"	VERONA STONE AND STEEL	SM20046-1S S2D-UM7100-35-SB	VERONA: WALL MOUNTED, ONE-PIECE QUARTZ DECK (BIANCO SAND) STONE AND STEEL WALL MOUNTED, ONE-PIECE QUARTZ DECK (SNOW BLIND) BOWL. CHINA SHELL CH4350 UNDERMOUNT 18"x13" CHINA BOWLS. VERONA BASE: ACCORN EN121A0-002 ENVIRO-GLAZED WHITE ENCLOSURE. STONE & STEEL BASE: S2D-ENC7000-WH WHITE ENCLOSURE. FAUCET: TOTO TEL145-D10E - 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM. CHROME PLATED BRASS P-TRAP WITH CLEANOUT GRID STRAINER WITH TAILPIECE CONNECTION ACCESSORIES: (2) STOP VALVES PER DECK, THERMOSTATIC MIXING VALVE KIT (TMV, HOSES & FITTINGS) SET TMV TO 105°F. TMV: ZURN ZW3870XL	B, F
L25	LAVATORY DECK 2-STATION	1/2"	1/2"	1 1/2"	1 1/2"	VERONA STONE AND STEEL	SM20046-2S S2D-UM7200-40-SB	VERONA: WALL MOUNTED, ONE-PIECE QUARTZ DECK (BIANCO SAND) STONE AND STEEL WALL MOUNTED, ONE-PIECE QUARTZ DECK (SNOW BLIND) BOWL. CHINA SHELL CH4350 UNDERMOUNT 18"x13" CHINA BOWLS. VERONA BASE: ACCORN EN121A0-002 ENVIRO-GLAZED WHITE ENCLOSURE. STONE & STEEL BASE: S2D-ENC7000-WH WHITE ENCLOSURE. FAUCET: TOTO TEL145-D10E - 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM. CHROME PLATED BRASS P-TRAP WITH CLEANOUT GRID STRAINER WITH TAILPIECE CONNECTION ACCESSORIES: (2) STOP VALVES PER DECK, THERMOSTATIC MIXING VALVE KIT (TMV, HOSES & FITTINGS) SET TMV TO 105°F. TMV: ZURN ZW1070XL	B, F
WC4	WATER CLOSET ACCESSIBLE (WALL MOUNT)	1 1/4"	4"	2"	TOTO SLOAN	CT708E ST-3269-A	FLUSH VALVE: TOTO TEL12202CP-WR - 1.28 GPF SELF-OPERATED SELF-GENERATING POWER SYSTEM WITH MANUAL STOP AND HANDLE, RESISTANT SET SCREWS, PUSH-ON AND STOP CAP. ELONGATED SEAT: BEMIS 1055SC, MAINLINE MLV855S.	D	

GENERAL INFORMATION (ALL FIXTURES):
 1. SUBSTITUTIONS NOT PERMITTED. REF SPECIFICATIONS FOR APPROVED MANUFACTURERS OF THE FOLLOWING TRIM AND ACCESSORIES:
 -P-TRAP WITH CLEANOUT PLUG: POLISHED CHROME-PLATED TUBULAR BRASS, 17 GAUGE WITH BRASS NUTS AND SLIP INSERTS.
 -SS BRAIDED WATER SUPPLY: FLEXIBLE BRAIDED STAINLESS STEEL (SS) OUTER SHEATHING WITH REINFORCED PVC INNER TUBING.
 -STOP VALVES: CHROME PLATED BRASS, QUARTER TURN ANGLE STOP VALVES.

NOTES:
 A. PROVIDE 1/2" X 3/4" STAINLESS STEEL SIMPSON WEDGE-ALL WEDGE ANCHORS FOR ALL FLOOR MOUNTED FIXTURE CARRIERS.
 B. PROVIDE THERMOSTATIC MIXING VALVE.
 C. REFERENCE ARCHITECTURAL DRAWINGS FOR EW-02 ORIENTATION.
 D. COORDINATE WATER ROUGH-IN HEIGHT FROM MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH GRAB BAR LOCATION REFINISH.
 E. USE SAME MANUFACTURER FOR URI AND UR2.
 F. CONTRACTOR TO FURNISH AND INSTALL LAVATORY DECK ASSEMBLY FIXTURE AND TRIM SUPPLIED BY HAINES, JONES & CADBURNE, INC. REF SPECIFICATIONS.

EQUIVALENT NOMINAL PIPE SIZES			
PLAN SIZE (COPPER)	POLYPROPYLENE HOT WATER	POLYPROPYLENE COLD WATER	PEX
1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	1"
1"	1"	1"	1 1/4"
1 1/4"	1 1/2"	1 1/4"	1 1/2"
1 1/2"	2"	1 1/2"	2"
2"	2 1/2"	2"	2"
2 1/2"	3"	2 1/2"	3"
3"	3 1/2"	3"	3"
4"	6"	4"	4"

NOTE: REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.

GROCERY PLUMBING EQUIPMENT CONNECTION SCHEDULE							
MARK	FIXTURE	BRANCH SIZES (MIN)				ROUGH-IN REQUIREMENTS	NOTES
		RO	CW	HW	WASTE		
SS006	STAINLESS STEEL HAND SINK	1/2"	1/2"	1 1/2"	1 1/4"	WATER: 10" AFF; WASTE: 10" AFF	B, C, F, J, N

GENERAL INFORMATION (ALL EQUIPMENT):
 EQUIPMENT AND TRIM FURNISHED BY OWNER. ROUGH-IN AND FINAL CONNECTIONS BY PLUMBING CONTRACTOR, UNLESS NOTED OTHERWISE.
 A. PROVIDE SHUT-OFF VALVES.
 B. PROVIDE P-TRAP WITH CLEANOUT PLUG AND ESCUTCHEON.
 C. PROVIDE CHROME PLATED ANGLE SUPPLY, FLEXIBLE RISER, AND WHEEL HANDLE WITH ESCUTCHEON.
 D. SINK FAUCETS PROVIDED WITH INTEGRAL CHECK VALVES.
 E. PROVIDE FULL-SIZE DRAIN LINE FROM EQUIPMENT, END OPEN OVER RECEPTOR WITH 2" AIR GAP.
 F. IF PLUMBING PLAN SHOWS THE SINK INDIRECTLY CONNECTED TO FLOOR SINK, THEN WASTE ROUGH-IN HEIGHT AND VENT SIZE AND NOTE B DO NOT APPLY.
 G. PROVIDE DOUBLE CHECK BACKFLOW PREVENTER ON WATER SUPPLY. PROVIDE FEMALE NPT VALVE DOWNSTREAM OF BACKFLOW PREVENTER FOR CONNECTION BY OTHERS.
 H. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL FLEXIBLE WATER PIPING AND QUICK DISCONNECT TO EQUIPMENT.
 I. PROVIDE STAINLESS STEEL DOUBLE CHECK BACKFLOW PREVENTER EQUAL TO WATTS SS007QT-S ON RO WATER SUPPLY. PROVIDE PEX TUBING ON DOWNSTREAM SIDE OF BACKFLOW PREVENTER.
 J. INSTALL THERMOSTATIC MIXING VALVE FURNISHED WITH SINK WITH HARD-PIPED CONNECTIONS TO ANGLE STOPS AND FLEXIBLE CONNECTIONS BETWEEN THERMOSTATIC MIXING VALVE, FOOT PEDAL (PEDESTAL HAND SINK) OR IRON LEVER (WALL MOUNTED HAND SINK) OR WHITE BLADE LEVERS (ADA WALL MOUNTED HAND SINK) AND SINK. SET AT 105°F.
 K. IF RO WATER IS NOT AVAILABLE, PROVIDE INDIVIDUAL WATER FILTER PACKS AS REQUIRED BY WALMART CONSTRUCTION MANAGER.
 L. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL EXPOSED DOUBLE CHECK BACKFLOW PREVENTER (WATTS R007 OR EQUAL).
 M. PROVIDE COLD WATER INJECTOR OPTION IF ON PLAN OR REQUIRED BY PLAN. AT FLOOR DRAIN. MODEL: R0W-500.
 N. REFER TO ARCHITECTURAL DRAWINGS FOR HAND SINK (L) AND RIGHT (R) DESIGNATIONS WHICH INDICATE INTEGRAL SPLASHGUARD LOCATIONS OR HAND SINK (H) FOR ADA DESIGNATION.
 O. REFRIGERATION CONTRACTOR TO INSTALL MISTING SYSTEM. SUPPLY SIDE ROUGH-IN AND FINAL CONNECTION BY PLUMBING CONTRACTOR.
 P. RO VENDOR SHALL BE RESPONSIBLE FOR LOCATIONS OF DRINK DISPENSER AND WATER FILTRATION EQUIPMENT AND ALL FINAL CONNECTIONS.
 Q. PROVIDE 1 1/2" P-TRAP AT 2" AFF WITH 1 1/2" TO 2" REDUCER FOR CONNECTION TO RO WATER DISPENSER DRAIN.
 R. PROVIDE 3/4" I.D. FEMALE FITTING AND SHUT-OFF FOR RO DISPENSER WATER CONNECTION AT 10" AFF.
 S. INSTALL 1/2 GPM SPRAY HEAD ON PRE-RINSE SPRAYER FURNISHED BY FIXTURE MANUFACTURER. PLUMBING CONTRACTOR SHALL FURNISH ORIGINAL SPRAY HEAD TO OWNER.
 T. EQUIPMENT FURNISHED WITH INTEGRAL BACKFLOW PREVENTER FOR CARBONATED WATER LINE.
 U. FILTERED WATER PIPING TO EQUIPMENT IS PROVIDED UNDER SEPARATE CONTRACT.
 V. PLUMBING CONTRACTOR SHALL PROVIDE INLINE FILTER PER MANUFACTURE'S RECOMMENDATIONS.
 W. PROVIDE 3/8" FLEXIBLE GAS CONNECTION.
 X. PROVIDE 48" FLEXIBLE GAS CONNECTION WITH QUICK DISCONNECT AND UPSTREAM GAS SHUT-OFF VALVE.
 Y. ATTACH SINK TO WALL WITH CONTRACTOR-PROVIDED STAINLESS STEEL SLOTTED ROUND HEAD FASTENERS OR SHEET METAL SCREWS INSTALLED THROUGH HOLES DRILLED BY CONTRACTOR THROUGH TOP FLANGE OF SINK BACKSPLASH FOR FRAMED WALLS. USE TWO EVENLY SPACED FASTENERS FOR PREP SINKS AND THREE EVENLY SPACED FASTENERS FOR 2-COMPARTMENT SINKS TO WALL STUDS. FOR SINKS INSTALLED ON COOLER PANEL WALLS, ATTACH SINKS TO COOLER PANEL OUTER SHEET METAL WITH SCREWS AT 12" CENTERS ALONG BACKSPLASH.
 Z. SUPPORT INDIRECT DRAIN LINE FROM FLOOR AND INSTALL LINE AS CLOSE TO EQUIPMENT AS POSSIBLE.

FLOOR DRAIN SCHEDULE			
MARK	MANUFACTURER	MODEL	DESCRIPTION
FD2			HUB DRAIN SAME AS SANITARY WASTE PIPING MATERIAL UNLESS NOTED OTHERWISE ON PLANS
FD3	SIoux CHIEF	860	LIGHT DUTY PVC WITH 9" DIAMETER LOOSE SET PVC HALF GRATE
FD4S	JOSAM ZURN	3000S-SS ZS415-3NH-6S-P	STAINLESS STEEL FLOOR DRAIN, 6" X 6" SQUARE TOP, SECURED GRATE
FS1	SIoux CHIEF ZURN JOSAM	861 FD270-YS FS-940-80	LIGHT DUTY, ACID RESISTANT, WHITE PVC FLOOR SINK WITH 12" SQUARE WHITE PVC HALF GRATE AND STAINLESS STEEL DEBRIS BUCKET WITH LIFTING HANDLE. REF PLANS FOR LOCATIONS WHERE FULL GRATES ARE SPECIFIED.

CLEANOUT SCHEDULE			
MARK	MANUFACTURER	MODEL	DESCRIPTION
CO	ZURN SIoux CHIEF MIFAB JAY R. SMITH JOSAM WATTS	21470 973 C1430 447Z 58540 CO-590-RD 8500	THREADED, COUNTERSUNK BRONZE OR POLYPROPYLENE CLEANOUT PLUG.
FC01	ZURN SIoux CHIEF MIFAB JAY R. SMITH JOSAM WATTS	21400 852 C1100 4231 56000 CO-200RX-4 74000	CAST IRON OR PVC BODY, ROUND EXTRA HEAVY-DUTY CAST OR DUCTILE IRON TOP, POLYPROPYLENE OR ABS PLUG. ADJUSTABLE TO FINISH SURFACE.
WCO	ZURN SIoux CHIEF MIFAB JAY R. SMITH WATTS WADE	21470 (Z1469) 973 C1430 447Z 58540 (8800) CO-590-RD 8600 (8480R)	THREADED, COUNTERSUNK BRONZE OR POLYPROPYLENE CLEANOUT PLUG. (PROVIDE DRILLED TAP FOR CENTER SCREW AND STAINLESS STEEL COVER FOR FINISHED AREAS.)

GENERAL INFORMATION (AS APPLICABLE):
 1. REFER TO PLANS FOR DRAIN OUTLET SIZE.
 2. LOAD CLASSIFICATIONS: LIGHT DUTY 2000 LBS, MEDIUM DUTY 2000 TO 4999 LBS, HEAVY DUTY 5000 TO 7499 LBS, EXTRA HEAVY DUTY 7500 TO 9999 LBS.

SPECIALTY PLUMBING FIXTURE SCHEDULE				
MARK	FIXTURE	MANUFACTURER	MODEL	FIXTURE DESCRIPTION
WPG	WATER PRESSURE GAUGE	AMETEK TREKICE WEISS INSTRUMENTS	666 DKL FSS LF252	2 1/2" STAINLESS STEEL CASE, ALL WETTED PARTS STAINLESS STEEL. LOUISIANA, 1/4 INCH NPT CONNECTOR, 1.0% ACCURACY, 30" HG VAC TO 100 INCH W.C.
WHA	WATER HAMMER ARRESTOR	JOSAM PRECISION PLUMBING PRODUCTS	316L SS SERIES MODEL 1200L SERIES	LEAD FREE CONFORM TO PDH WH-201, ANS1 A112.26.1M, ASSE 1010.
FCV00	FLOW CONTROL VALVE	JAY R. SMITH SIoux CHIEF MIFAB WATTS	HYDROTROLS HYDRAR-ESTER MWH	LEAD FREE CONFORM TO PDH WH-201, ANS1 A112.26.1M, ASSE 1010.
DCV	DOUBLE-CHECK VALVE BACKFLOW PREVENTER (STAINLESS STEEL)	BELL & OSSETT FLOW DESIGN	DOUBLE CHECK VALVE SETTER PLUS! KBS050	LEAD FREE NAMEPLATE AND 1/2" VALVE BODY SIZE UNLESS SHOWN OTHERWISE ON PLANS. SET AND BALANCE TO 0.25 GPM OR PROVIDE 0.25 GPM CARTRIDGE UNLESS SHOWN OTHERWISE ON PLANS AND PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
---	CHECK VALVE	RED-WHITE APOLLO CRANE WATTS NIBCO	232 SERIES 651-100 110J 6 T-413	BRASS JACKET WITH PLASTIC VALVE ASSEMBLY
---	DOUBLE CHECK VALVE BACKFLOW PREVENTER	WATTS FEBCO WILKINS	LF9070 OR LF709 FP4-LF LF880 350XL OR 950XL T2	LEAD FREE, INCLUDE TWO INDEPENDENT-ACTING CHECK VALVES, TWO SHUT-OFF VALVES AND REQUIRED MEANS FOR TESTING FOR EACH ASSEMBLY. MINIMUM 175 PSI WORKING PRESSURE.
---	LOCKABLE SHUT-OFF VALVES	RED-WHITE APOLLO CRANE WATTS	5042 SERIES 70LF-100 LF-T-255 LFB-6000 OR LFB-6001	BRASS BALL VALVES WITH PLASTIC JACKETED LEVER TYPE HANDLE.
---	REDUCED PRESSURE BACKFLOW PREVENTER	WATTS FEBCO WATTS	LF9090T OR LF909 FP4-LF LF880 375XL OR 975XL	LEAD FREE, PROVIDE STRAINER, SHUT-OFF VALVES AND TEST COCKS. INSTALL DRAIN LINE WITH AIR GAP ASSEMBLY TO RECEPTOR APPROVED BY AUTHORITY HAVING JURISDICTION. MINIMUM 175 PSI WORKING PRESSURE.
---	REDUCED PRESSURE BACKFLOW PREVENTER (STAINLESS STEEL)	WATTS	SS009M3QT-S	LEAD FREE, STAINLESS STEEL REDUCED PRESSURE ZONE ASSEMBLY. FURNISHED WITH STAINLESS STEEL STRAINER, VANDAL RESISTANT TEST COCKS, AND FULL PORT QUARTER TURN BALL VALVE SHUT-OFFS. INSTALL DRAIN LINE WITH AIR GAP ASSEMBLY TO RECEPTOR APPROVED BY AUTHORITY HAVING JURISDICTION. MINIMUM 175 PSI WORKING PRESSURE.
---	STRAINER	WATTS APOLLO	LF777S1 59-004-06	CAST BRONZE Y-STRAINER WITH BALL VALVE
---	TRAP PRIMER (MULTIPLE TRAPS)	PRECISION PLUMBING PRODUCTS MIFAB JOSAM SIoux CHIEF	PRIME RITE OR OREGON #1 M-500-NP 69320 SERIES 695	LEAD FREE, PROVIDE ALL BRONZE PRIMER VALVE WITH REMOVABLE OPERATING PARTS, INTEGRAL VACUUM BREAKER, GASKETED ACCESS COVER, AND MULTIPLE TRAP CAPABILITY
---	TRAP PRIMER (SINGLE TRAP)	PRECISION PLUMBING PRODUCTS SIoux CHIEF	PRIME-RITE OR OREGON #1 695	LEAD FREE, PROVIDE ALL BRONZE PRIMER VALVE WITH REMOVABLE OPERATING PARTS, INTEGRAL VACUUM BREAKER, AND GASKETED ACCESS COVER.
---	VACUUM RELIEF VALVE	WATTS	LFN36-M1	LEAD FREE BRASS BODY, CSA/ANSI Z21.22
---	VALVES	RED-WHITE APOLLO CRANE WATTS NIBCO	5044AB OR 5049AB SERIES 70LF LF9210 SERIES LFFBV-3C OR LFFBVS-3C FP-406-A-LF	LEAD FREE FULL PORT BRASS BALL VALVE WITH PLASTIC JACKETED LEVER TYPE HANDLE.

GENERAL INFORMATION:
 THIS SCHEDULE IS COMPREHENSIVE. ALL MARKS MAY OR MAY NOT BE USED.

Order Plans @

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PLUMBING SCHEDULES