

FLOOR DRAIN SCHEDULE						
ALL PRODUCTS ON THIS SCHEDULE (EXCEPT FLOOR DRAIN) ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.						
MARK	DESCRIPTION	OPTION #1	OPTION #2	OPTION #3	OPTION #4	OPTION #5
FD1	LIGHT DUTY ADJUSTABLE PVC WITH THREADED ADAPTER AND 9" DIAMETER NICKEL BRONZE RING AND FASTENED	SILOUX CHIEF 842	JOSAM VEF 400J	JOSAM OATEY 7200		
FD2	HUB DRAIN SAME AS SANITARY WASTE PIPING MATERIAL UNLESS NOTED OTHERWISE ON PLANS					
FD3	LIGHT DUTY PVC WITH 9" DIAMETER LOOSE SET PVC HALF GRATE	SILOUX CHIEF 860	JOSAM VEF 400J	JOSAM OATEY 7200		
FD4	LIGHT DUTY ADJUSTABLE PVC WITH THREADED ADAPTER AND 9" SQUARE NICKEL BRONZE RING AND FASTENED GRATE	SILOUX CHIEF 842	JOSAM VEF 400J	JOSAM OATEY 7200		
FD6	POLYPROPYLENE OR HOPE TRENCH DRAIN WITH HEAVY DUTY SLOTTED GALVANIZED STEEL GRATE AND FRAME ASSEMBLY. PROVIDE CATCH BASIN WHERE INDICATED ON PLAN. MODEL# TRENCHGRATE-CATCH-BASIN	SMITHACO 9931-9970-425-040-9936	ZURN 2886-HDGG2-2-887-HD			
FD6	POLYPROPYLENE OR HOPE TRENCH DRAIN WITH EXTRA HEAVY DUTY SLOTTED DUCTILE IRON GRATE AND FRAME ASSEMBLY. PROVIDE CATCH BASIN WHERE INDICATED ON PLAN. MODEL# TRENCHGRATE-CATCH-BASIN	SMITHACO 9931-9970-431-040-9936	ZURN 2886-HDGG2-2-887-HD			
FD7	POLYPROPYLENE OR HOPE TRENCH DRAIN WITH EXTRA HEAVY DUTY SLOTTED STAINLESS STEEL GRATE AND FRAME ASSEMBLY. PROVIDE CATCH BASIN WHERE INDICATED ON PLAN. MODEL# TRENCHGRATE-CATCH-BASIN	SMITHACO 9931-9970-455-SS-040-9936	ZURN 2886-HDGG2-2-887-HD			
FD8	POLYPROPYLENE OR HOPE TRENCH DRAIN WITH HEAVY DUTY PERFORATED/SLOTTED GALVANIZED STEEL GRATE AND FRAME ASSEMBLY. PROVIDE CATCH BASIN WHERE INDICATED ON PLAN. MODEL# TRENCHGRATE-CATCH-BASIN	SMITHACO 9931-9970-411-040-9936	ZURN 2886-HDGG2-2-887-HD			
FD9	SOLID FASTENED COVER. ADJUSTABLE PVC WITH THREADED ADAPTER AND NICKEL BRONZE RING AND SURE SEAL WATERLESS TRAP PRIMER	SILOUX CHIEF 852-CN3				
FD10	HEAVY DUTY STAINLESS STEEL (SS) WITH SLAB ANCHOR, 8" MIN. DIAMETER SS GRATE WITH TWO 1" DIAMETER CENTRAL LIFTING HOLES 7" APART, 30-40" OUTLET, AND SS SEDIMENT BUCKET WITH HANDLE AND SIDE AND BOTTOM DRAIN HOLES. DRAIN INTERIOR, GRATE AND BUCKET SHALL HAVE SMOOTH BEAD BLASTED FINISH WITH NO VISIBLE INTERNAL WELDS OR SEAMS. ENTIRE DRAIN INTERIOR SHALL BE VISIBLE FOR INSPECTION.	SILOUX CHIEF 860-4S5	KUSEL KEW	STAINLESSDRAINS.COM SD12W5C240		
FD11	HEAVY DUTY PVC WITH CAST IRON 9" DIAMETER LOOSE SET RING AND GRATE AND SLOTTED PVC SEDIMENT BUCKET. STEEL WELD OR SEAM. ENTIRE DRAIN INTERIOR SHALL BE VISIBLE FOR INSPECTION.	SILOUX CHIEF 860				
FS1	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.	SILOUX CHIEF 861				
FS2	LIGHT DUTY PVC EXTENDED SLUMP FLOOR SINK WITH 9" DIAMETER SOLID PVC COVER, 4" BACKWATER VALVE WITH SLEEVE AND LID AND REMOVABLE ACCESS COVER.	SILOUX CHIEF 900-47RE (BACKWATER VALVE: 889, ACCESS COVER: 850)				

ROOF DRAIN SCHEDULE						
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.						
MARK	DESCRIPTION	OPTION #1	OPTION #2	OPTION #3	OPTION #4	OPTION #5
CR	PVC SCHEDULE 40 DWV CONCENTRIC REDUCER COUPLING. REF PLANS FOR INLET AND OUTLET SIZES	PLASTIC TRENDS D60 SERIES	GPK 306 CONCENTRIC SERIES			
RD1	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), PLUMP RECEIVER, AND UNDERDECK CLAMP. ADJUSTABLE EXTENSION NOT PERMITTED FOR JOSAM. RING UNDERDECK CLAMP AND PLUMP RECEIVER NOT REQUIRED FOR ZURN TOP-SET INSTALLATION.	JOSAM 21500 (+10") 29112 (-12")	WATTS RD-300 (+10") RD-500 (-12")	ZURN Z100-EA (-48") Z101-EB (-10") (-12")	WADE 3000 (+10")	
RD3	SPHONIC ROOF DRAIN WITH EPOXY COATED CAST IRON BODY, UNDERDECK CLAMP, MEMBRANE CLAMP, HEAVY DUTY SLOTTED CAST IRON POLYPROPYLENE OR ABS PLUG, ADJUSTABLE TO FINISH SURFACE.	MFAB HYDRONAK MH-300 (12") MH-400 (4") MH-500 (8") MH-600 (6")				

CLEANOUT SCHEDULE						
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.						
MARK	DESCRIPTION	OPTION #1	OPTION #2	OPTION #3	OPTION #4	OPTION #5
CO	THREADED COUNTERSINK BRONZE OR POLYPROPYLENE CLEANOUT PLUG	ZURN 21470	SILOUX CHIEF 873	MFAB C1430	JAY R. SMITH 44721	WATTS 58540
FCO1	CAST IRON OR PVC BODY, ROUND EXTRA HEAVY DUTY CAST OR DUCTILE IRON TOP POLYPROPYLENE OR ABS PLUG, ADJUSTABLE TO FINISH SURFACE.	ZURN 21430	SILOUX CHIEF 852	MFAB C1100	JAY R. SMITH 4251	JOSAM 55500
WCO	THREADED COUNTERSINK BRONZE OR POLYPROPYLENE CLEANOUT PLUG. PROVIDE DRILLED TAP FOR CENTER SCREW AND STAINLESS STEEL COVER FOR FINISHED AREAS.	ZURN 21470 (21469)	SILOUX CHIEF 873	MFAB C1430	JAY R. SMITH 44721	JOSAM 58540 (58600)
YCO	CAST IRON FERRULE AND PLUG, DURABLE COATED CAST IRON, DOUBLE FLANGED HOUSING, AND EXTRA HEAVY DUTY SLOTTED CAST IRON COVER WITH LIFTING DEVICE, VANDAL-PROOF SCREWS.	WADE W-6000 / W-6300-MF	WATTS CO-300-MF / CO-380	JOSAM 58550	JAY R. SMITH 4260	MFAB C1230 / C1300-MF

HOSE BIBB AND HYDRANT SCHEDULE						
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.						
MARK	DESCRIPTION	OPTION #1	OPTION #2	OPTION #3	OPTION #4	OPTION #5
FWH1	3/4" COLD WATER FREEZE PROOF WALL HYDRANT WITH BRASS NIBBLE BOX, INTEGRAL VACUUM BREAKER, AND LOOSE TEE KEY.	WOODFORD 895	JOSAM 71000	WADE 8800, 175	FRIER C-634X	ZURN 21320
HB2	3/4" COLD WATER BRASS FINISH HOSE BIBB WITH INTEGRAL VACUUM BREAKER AND MESH WHEEL HANDLE. MOUNT 24" AFF (UNLESS NOTED OTHERWISE).	WOODFORD 24	ACORN 8121	PRER C-156		
HB4	3/4" HOT WATER BRASS FINISH HOSE BIBB WITH INTEGRAL VACUUM BREAKER AND LOOSE TEE KEY.	WOODFORD 24	ACORN 8121	PRER C-255		
HB5	3/4" COLD WATER POLISHED CHROME FINISH HOSE BIBB WITH LOGE KEY HANDLE AND INTEGRAL VACUUM BREAKER.	WOODFORD 21	ACORN 8121	PRER C-155		

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.

TOILET PLUMBING FIXTURE SCHEDULE										
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.										
MARK	FIXTURE	BRANCH SIZE (MM)	CW	HW	WASTE	VENT	OPTION #1	OPTION #2	OPTION #3	NOTES
CC1	WATER CLOSET CARRIER DOUBLE HORIZONTAL	4"	2"				JOSAM 12884	WADE 310ND		ADJUSTABLE COATED CAST IRON SHORT BARREL 4" NO HUB FITTING WITH 2" NO HUB VENT. ABS EXTENSION WITH TEST CAP. CHROME PLATED HARDWARE. NEOPRENE FITTING AND FIXTURE GASKETS, AND HUSKY SD4000 COUPLINGS.
CC1H	WATER CLOSET CARRIER DOUBLE HORIZONTAL ACCESSIBLE	4"	2"				JOSAM 12904-35	WADE 310ND-H		ADJUSTABLE COATED CAST IRON SHORT BARREL 4" NO HUB FITTING WITH 2" NO HUB VENT. ABS EXTENSION WITH TEST CAP. CHROME PLATED HARDWARE. NEOPRENE FITTING AND FIXTURE GASKETS, AND HUSKY SD4000 COUPLINGS.
CC2H	WATER CLOSET CARRIER SINGLE HORIZONTAL RIGHT ACCESSIBLE	4"	2"				JOSAM 12864-35	WADE 310NB-UJ-H		ADJUSTABLE COATED CAST IRON SHORT BARREL 4" NO HUB FITTING WITH 2" NO HUB VENT. FACTORY PRE-DRILLED 2" NO HUB URINAL CONNECTION, ABS EXTENSION WITH TEST CAP. CHROME PLATED HARDWARE. NEOPRENE FITTING AND FIXTURE GASKETS, AND HUSKY SD4000 COUPLINGS. DOWN DIRECTION (RIGHT) IS FROM SEATED FIXTURE USER'S POINT OF REFERENCE.
CC3	WATER CLOSET CARRIER SINGLE HORIZONTAL LEFT ACCESSIBLE	4"	2"				JOSAM 12874	WADE 310N-LA		ADJUSTABLE COATED CAST IRON SHORT BARREL 4" NO HUB FITTING WITH 2" NO HUB VENT. FACTORY PRE-DRILLED 2" NO HUB URINAL CONNECTION, ABS EXTENSION WITH TEST CAP. CHROME PLATED HARDWARE. NEOPRENE FITTING AND FIXTURE GASKETS, AND HUSKY SD4000 COUPLINGS. DOWN DIRECTION (LEFT) IS FROM SEATED FIXTURE USER'S POINT OF REFERENCE.
EW1	ELECTRIC TAYLOR COOLER (SINGLE)	1/2"	1 1/2"	1 1/4"			OASIS PG8AC	HALSEY TAYLOR HACFS-S-Q ADA		STAINLESS STEEL TOP AND CABINET FRONT AND SIDE PUSH BARS. LEAD FREE, WATER SAVER BUBBLER WITH FLEXIBLE BUBBLER GUARD FOR HALSEY TAYLOR (SMARTFLOW BUBBLER KIT), STOP VALVE, 3/8"X1/2" SS BRASS WATER SUPPLY, P-T WITH 1/2" O-RING.
EW1C	ELECTRIC TAYLOR COOLER (SPLIT-LEVEL)	1/2"	1 1/2"	1 1/4"			OASIS PG8AC3L	HALSEY TAYLOR HACFSR-S-Q ADA		STAINLESS STEEL TOP AND CABINET FRONT AND SIDE PUSH BARS. MATCHING UPPER TAYLOR LEAD FREE, WATER SAVER BUBBLER WITH FLEXIBLE BUBBLER GUARD FOR HALSEY TAYLOR (SMARTFLOW BUBBLER KIT), STOP VALVE, 3/8"X1/2" SS BRASS WATER SUPPLY, P-T WITH 1/2" O-RING. CLEANOUT AND ESCUTCHEON. CARRIER, JOSAM 400-AM11
EW2	ELECTRIC TAYLOR COOLER (SPLIT-LEVEL)	1/2"	1 1/2"	1 1/4"			OASIS PG8AC3L	HALSEY TAYLOR HACFSR-S-Q ADA		STAINLESS STEEL TOP AND CABINET FRONT AND SIDE PUSH BARS. MATCHING UPPER TAYLOR LEAD FREE, WATER SAVER BUBBLER WITH FLEXIBLE BUBBLER GUARD FOR HALSEY TAYLOR (SMARTFLOW BUBBLER KIT), STOP VALVE, 3/8"X1/2" SS BRASS WATER SUPPLY, P-T WITH 1/2" O-RING. CLEANOUT AND ESCUTCHEON. CARRIER, JOSAM 17560-WCBL, WADE 440-AM11
HB9	TOILET ROOM HOSE BIBB	3/4"					WOODFORD 824	ACORN 8151	BRADLEY 7910	POLISHED FINISH WITH STAINLESS STEEL INTEGRAL VACUUM BREAKER, AND LOOSE TEE KEY.
L2	LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"		SLAN SB-3003	LEVANTINA L1307-4		FAUCET: TOTO TETL32P-W, 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM, STANDARD SPOUT, 4" COVER PLATE, GRID STRAINER WITH TAILPIECE, P-TRAP WITH CLEANOUT, STOP VALVE, 3/8"X1/2" SS BRASS WATER SUPPLY, P-T WITH 1/2" O-RING. ESCUTCHEON AND STOP CAP. CARRIER: UC1
L5	STAINLESS STEEL SINK (T)	1/2"	1/2"	1 1/2"	1 1/2"		GRIFFIN H85-128			FAUCET: GRIFFIN FG-100, 1.2 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM, STANDARD SPOUT, 4" COVER PLATE, GRID STRAINER WITH TAILPIECE, STOP AND P-TRAP WITH CLEANOUT, STOP VALVE, 3/8"X1/2" SS BRASS WATER SUPPLY, P-T WITH 1/2" O-RING. ESCUTCHEON AND STOP CAP. CARRIER: UC1
L22	LAVATORY DECK 1-STATION	1/2"	1 1/2"	1 1/2"	1 1/2"		LEVANTINA Q3301			LEAVANTINA WALL MOUNTED, ONE-PIECE QUARTZ DECK (880 TUSCANY CANYON) 30"X48" CHINA SHELL, CH-2800 UNDERMOUNT, 18"X12" CHINA BOWL(S) BASE: ACORN STAINLESS STEEL APRON, AP-3, 3.80WAL, AP-11 BOWL, AP-2, 2 BOWL, HINGED TRAP AND PIPING ENCLOSURE, CONTINUOUS WASTE PIPING AND P-T TRAP FAUCET: TOTO TETL40-D10E, 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM, CHROME PLATED BRASS P-T TRAP WITH CLEANOUT, GRID STRAINER WITH TAILPIECE. FOR L18L21L22L23L24L26L28 (2) STOP VALVES PER DECK, THERMOSTATIC MIXING VALVE KIT (TMV, HOSES & FITTINGS) SET TMV TO 105°F. FOR L18L21L22L23L24L26L28 (1) STOP VALVE, (1) 3/8"X1/2" SS BRASS WATER SUPPLY PER FAUCET, TMV NOT REQUIRED.
L26	LAVATORY DECK 2-STATION CENTER TRASH	1/2"	1 1/2"	1 1/2"	1 1/2"		LEVANTINA Q3302T			LEAVANTINA WALL MOUNTED, ONE-PIECE QUARTZ DECK (880 TUSCANY CANYON) 30"X48" CHINA SHELL, CH-2800 UNDERMOUNT, 18"X12" CHINA BOWL(S) BASE: ACORN STAINLESS STEEL APRON, AP-3, 3.80WAL, AP-11 BOWL, AP-2, 2 BOWL, HINGED TRAP AND PIPING ENCLOSURE, CONTINUOUS WASTE PIPING AND P-T TRAP FAUCET: TOTO TETL40-D10E, 0.5 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM, CHROME PLATED BRASS P-T TRAP WITH CLEANOUT, GRID STRAINER WITH TAILPIECE. FOR L18L21L22L23L24L26L28 (2) STOP VALVES PER DECK, THERMOSTATIC MIXING VALVE KIT (TMV, HOSES & FITTINGS) SET TMV TO 105°F. FOR L18L21L22L23L24L26L28 (1) STOP VALVE, (1) 3/8"X1/2" SS BRASS WATER SUPPLY PER FAUCET, TMV NOT REQUIRED.
UR1	URINAL	3/4"	2"	1 1/2"			JOSAM 400-AM11	WADE 400-AM11		FLOOR MOUNTED HANGER AND BEARING PLATES, WELDED FEET, ADJUSTABLE SUPPORTING RODS, AND CHROME PLATED TRIM.
UR1	URINAL	3/4"	2"	1 1/2"			TOTO TU1099-A	SLAN SU-1099-A		HIGH EFFICIENCY URINAL (HEU) SYSTEM: CHINA URINAL AND 0.125 GPM TURBINE OR BATTERY POWERED, WALL MOUNTED SENSOR OPERATED FLUSH VALVE WITH MANUAL OVERRIDE AND VANDAL RESISTANT SET SCREW ESCUTCHEON AND STOP CAP. CARRIER: UC1
UR2	URINAL ACCESSIBLE	3/4"	2"	1 1/2"			TOTO TU1099-A	SLAN SU-1099-A		HIGH EFFICIENCY URINAL (HEU) SYSTEM: CHINA URINAL AND 0.125 GPM TURBINE OR BATTERY POWERED, WALL MOUNTED SENSOR OPERATED FLUSH VALVE WITH MANUAL OVERRIDE AND VANDAL RESISTANT SET SCREW ESCUTCHEON AND STOP CAP. CARRIER: UC1
WC3	WATER CLOSET (W/ TRAP)	1/4"	4"				TOTO CT708E	SLAN ST-2099-A		FLUSH VALVE: TOTO TETL32P-W, 1.28 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM WITH MANUAL OVERRIDE AND VANDAL RESISTANT SET SCREW ESCUTCHEON AND STOP CAP. CARRIER: UC1
WC3	WATER CLOSET (W/ TRAP)	1/4"	4"				TOTO CT708E	SLAN ST-2099-A		FLUSH VALVE: TOTO TETL32P-W, 1.28 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM WITH MANUAL OVERRIDE AND VANDAL RESISTANT SET SCREW ESCUTCHEON AND STOP CAP. CARRIER: UC1
WC3	WATER CLOSET (W/ TRAP)	1/4"	4"				TOTO CT708E	SLAN ST-2099-A		FLUSH VALVE: TOTO TETL32P-W, 1.28 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM WITH MANUAL OVERRIDE AND VANDAL RESISTANT SET SCREW ESCUTCHEON AND STOP CAP. CARRIER: UC1
WC3	WATER CLOSET (W/ TRAP)	1/4"	4"				TOTO CT708E	SLAN ST-2099-A		FLUSH VALVE: TOTO TETL32P-W, 1.28 GPM SENSOR OPERATED SELF-GENERATING POWER SYSTEM WITH MANUAL OVERRIDE AND VANDAL RESISTANT SET SCREW ESCUTCHEON AND STOP CAP. CARRIER: UC1

GENERAL INFORMATION (ALL FIXTURES):  
 1. SUBSTITUTIONS NOT PERMITTED. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS OF THE FOLLOWING TRIM AND ACCESSORIES:  
 - P-TRAP WITH CLEANOUT PLUG AND SINK CONTINUOUS WASTE: POLISHED CHROME-PLATED TUBULAR BRASS, 17 GAUGE WITH BRASS NUTS AND SLIP INSERTS.  
 - SS BRASS 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. INSTALL FURNISHED 1/2" X 3/4" STAINLESS STEEL, SIMPSON WEDGE-ALL WEDGE ANCHORS FOR ALL FIXTURE CARRIERS.  
 B. INSTALL FURNISHED THERMOSTATIC MIXING VALVE.  
 C. REFERENCE ARCHITECTURAL DRAWINGS FOR EW2 ORIENTATION.  
 D. COORDINATE WATER MAINS WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH GRAB BAR LOCATION, REF ARCH.  
 E. USE SAME MANUFACTURER FOR UR1 AND UR2.

WATER HEATERS / STORAGE TANKS									
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.									
MARK	AREA SERVED	MANUFACTURER / MODEL NUMBER	TANK SIZE (GAL)	HEAT INPUT (BTU/H)	ELECTRICAL (V)	PH	1/2"	NOTES	
ST1	GROCERY	A.O. SMITH MASTER-FIT 17V-120M	RHEEM COMMERCIAL ST330	BRADFORD WHITE MAGNUM M-3-31120RS	119				
ST2	GROCERY	A.O. SMITH MASTER-FIT 17V-120M	RHEEM COMMERCIAL ST330	BRADFORD WHITE MAGNUM M-3-31120RS	119				
WH1	PHARMACY	A.O. SMITH DEL-6	RHEEM COMMERCIAL EGS98	BRADFORD WHITE COMMERCIAL LE140L3-1	6	2	120	1	60
WH2	FRONT RESTROOM/OPTICAL	A.O. SMITH DEL-40	RHEEM COMMERCIAL ELS840	BRADFORD WHITE COMMERCIAL LE140L3-3	40	4.5	208	1	60
WH3	REAR RESTROOM/AUTO	A.O. SMITH DEL-40	RHEEM COMMERCIAL ELS840	BRADFORD WHITE COMMERCIAL LE140L3-3	40	4.5	208	1	60
WH4	AUTO CENTER	A.O. SMITH DEL-15	RHEEM COMMERCIAL EGS15	BRADFORD WHITE COMMERCIAL LE150L1-1	15	2	120	1	60
WH5	GROCERY	A.O. SMITH MASTER-FIT 17V-120M	RHEEM UNIVERSAL D100-200	BRADFORD WHITE MAGNUM D-100L-199-3N	100	190	120	1	60

EXPANSION TANKS									
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.									
MARK	MANUFACTURER / MODEL	DESCRIPTION							
ETA	AMTROL FLEXCON WATTS ST-12	FIXED BLADDER TYPE EXPANSION TANK, 4.4 GALLON MINIMUM TOTAL CAPACITY, FACTORY STANDARD PRECHARGE CAPACITY.							
ETB	AMTROL FLEXCON WATTS ST-42V	FIXED BLADDER TYPE EXPANSION TANK, 17.5 GALLON MINIMUM TOTAL CAPACITY, FACTORY STANDARD PRECHARGE CAPACITY.							

RECIRCULATION PUMPS									
MARK	MANUFACTURER / MODEL	PUMP POWER (HP)	ELECTRICAL (V)	DESCRIPTION					
P8	BELL & GOSSETT GRUNDFOS ARMSTRONG SERIES 80	0.75	120	LEAD FREE BRONZE WET ROTOR IN-LINE CIRCULATOR PUMP WITH 3/4" SWEATED CONNECTIONS					
P9	BELL & GOSSETT GRUNDFOS ARMSTRONG SERIES 80	0.75	120	LEAD FREE BRONZE IN-LINE CIRCULATOR PUMP WITH 1 1/2" FLANGED CONNECTIONS					
P10	BELL & GOSSETT GRUNDFOS ARMSTRONG SERIES 80	0.083	120	LEAD FREE BRONZE WET ROTOR IN-LINE CIRCULATOR PUMP WITH 1" FLANGED CONNECTIONS					

GENERAL INFORMATION (ALL UNITS):  
 1. PROVIDE IN-CLOSET HEATING ELEMENTS FOR ELECTRIC WATER HEATERS.  
 2. PROVIDE ASME TEMPERATURE AND PRESSURE RELIEF VALVE FOR ALL WATER HEATERS AND STORAGE TANKS.  
 3. PROVIDE VACUUM RELIEF VALVES FOR ALL WATER HEATERS AND STORAGE TANKS.  
 NOTES:  
 A. INSTALL WATER HEATER ON PLATFORM PROVIDED BY GENERAL CONTRACTOR. REF ARCH DRAWINGS FOR WATER HEATER SUPPORT DETAIL.  
 B. INSTALL WATER HEATER ON HOUSEKEEPING PAD, REF ARCH.  
 C. PROVIDE EXPANSION TANK: ETA.  
 D. PROVIDE EXPANSION TANK: ETB.  
 E. 140 DEGREE FAHRENHEIT OUTLET TEMPERATURE.  
 F. PROVIDE NON-SIMULTANEOUS, DUAL-ELEMENT OPERATION. SCHEDULED KW IS FOR INDIVIDUAL ELEMENT.  
 G. RECOVERY RATE: 150 GPM AT 100°F RISE.

SPECIALTY PLUMBING FIXTURE SCHEDULE									
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.									
MARK	FIXTURE	OPTION #1	OPTION #2	OPTION #3	OPTION #4	OPTION #5	OPTION #6	OPTION #7	FIXTURE DESCRIPTION
WPA	WATER PRESSURE GAUGE	AMETEK 856	TREXCO 0631552528BA950	WEISS INSTRUMENTS LF252	WATTS SS SERIES	WILKINS MODEL 1250XL SERIES	JAY R. SMITH HYDROTOOLS	SILOUX CHIEF HYDRA-RESTER	2.5 INCH STAINLESS STEEL CASE, ALL WETTED PARTS STAINLESS STEEL, LIQUID FILLED, 1/4 INCH NPT CONNECTOR, 1.5% ACCURACY, 87-145 Hg, TO 100 PSI RANGE. LEAD FREE CONFORM TO PDI WH-201, ANSI A112.28.1M, ASSE 1010
---	DOUBLE-CHECK VALVE BACKFLOW PREVENTER	WATTS LF0070T OR LF708	BECCO FDC-LF	FEBCO LF850	WILKINS 350XL OR 950XL T2				LEAD FREE. PROVIDE STRAINER. INCLUDE TWO INDEPENDENT-ACTING CHECK VALVES. TWO SHUT-OFF VALVES AND REQUIRED MEANS FOR TESTING FOR EACH ASSEMBLY. MINIMUM 175 PSI WORKING PRESSURE.
---	REDUCED PRESSURE BACKFLOW PREVENTER	WATTS LF0070T OR LF708	BECCO FRP-LF	FEBCO LF860	WILKINS 375XL OR 975XL				LEAD FREE. PROVIDE STRAINER. SHUT-OFF VALVES AND TEST COCK. INSTALL DRAIN LINE WITH AIR GAP ASSEMBLY TO RECEPTOR APPROVED BY AUTHORITY HAVING JURISDICTION. MINIMUM 175 PSI WORKING PRESSURE.
---	TRAP PRIMER (MULTIPLE TRAPS)	PRECISION PLUMBING PRODUCTS PRIME RATE OR OREGON #1	MFAB 44-500-4PB	JOSAM 88300	SILOUX CHIEF SERIES 89F				LEAD FREE. PROVIDE ALL BRONZE PRIMER VALVE WITH REMOVABLE ACCESS COVER, AND MULTIPLE TRAP CAPABILITY.
---	TRAP PRIMER (SINGLE TRAP)	PRECISION PLUMBING PRODUCTS PRIME RATE OR OREGON #1	SILOUX CHIEF 896						LEAD FREE. PROVIDE ALL BRONZE PRIMER VALVE WITH REMOVABLE ACCESS COVER, INTEGRAL VACUUM BREAKER, AND GASKETED ACCESS COVER. AND MULTIPLE TRAP CAPABILITY.
---	TRAP PRIMER (WATERLESS)	SURE SEAL 584009	JAY R. SMITH 2692						IN-LINE FLOOR DRAIN TRAP SEAL.
---	VALVES	RED-WHITE 5049AB	ARCULO SERIES TO LF	CRANE LF210 SERIES	WATTS LFEB-30 CR LFEBV-30	MIBCO FP-600-4-LF			LEAD FREE FULL PORT BRASS BALL VALVE WITH PLASTIC JACKETED LEVER TYPE HANDLE.

PLUMBING FIXTURE SCHEDULE											
ALL PRODUCTS ON THIS SCHEDULE ARE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. REFER TO SPECIFICATIONS.											
MARK	FIXTURE	CW	HW	WASTE	VENT	OPTION #1	OPTION #2	OPTION #3	OPTION #4	DESCRIPTION, TRIM AND ACCESSORIES	NOTES
EMV	EMERGENCY THERMOSTATIC MIXING VALVE					BRADLEY 519-200	POWERS ES15-11			HEAVY CAST BRONZE BODY VALVE, ROUGH BRONZE FINISH, BIMETAL THERMOSTAT OR THERMAL MOTOR, INTEGRAL CHECK STOPS AND VANDAL RESISTANT LIMIT STOP SET AT 65°F. MINIMUM FLOW RATE 1.0 GPM.	
EW1	EYEWASH	1/2"	1 1/4"			BRADLEY 519-224	SPEAKMAN SE-500	ENCON 61030401	GUARDIAN		