

FIXTURE SCHEDULE	
<u>WC – FLOOR MOUNTED WATER CLOSET (ADA COMPLIANT)</u>	
<u>FIXTURE-</u>	FLOOR MOUNTED ELONGATED SIPHON ACTION BOWL, VITREOUS CHINA WITH SEAT, OPERATES AT 1.00 GPF, PRESSRE ASSIST MODEL K-3519 KOHLER HIGHLINE SERIES. WITH TOILET SEAT.
<u>LAV UNDERMOUNT LAVATORY</u>	
<u>FIXTURE:</u>	CLASSIC OVAL UNDERMOUNT SINK, VITREOUS CHINA, UNGLAZED RIM, FRONT OVERFLOW, OVAL 17"x14" BOWL, CENTER DRAIN, SUPPLIED WITH UNDERCOUNTER MOUNTING KIT AMERICAN STANDARD ESTATE MODEL 0484.000
<u>TRAP</u>	1 1/4" CHROME PLATED "P" – TRAP, TRAP NIPPLE AND ESCUTCHEON PLATE.
<u>SUPPLY</u>	3/8" NIPPLES AND ESCUTCHEONS WITH 3/8" ANGLE STOPS.
<u>FAUCET-</u>	HARDWIRED, DECK MOUNTED, INFRARED SENSOR, 0.5 GPM, MULTI-LAMINAR SPRAY TYPE, 4" TRIM PLATE, POLISHED CHROME, BELOW DECK CONTROL ACCESS, BELOW DECK THERMOSTATIC MIXING VALVE, ADA COMPLIANT, ASME A112.18.1 COMPLIANT. MODEL: SLOAN OPTIMA ETf-880.
<u>SHWR SHOWER (ADA)</u>	
<u>BASE</u>	BARRIER FREE PRECAST TERRAZZO 60"x36" (60" WIDE THRESHOLD) FLANGES ON THREE (3) SIDES SHALL BE GALVANIZED-BONDERIZED STEEL AND EXTEND NOT LESS THAN 1" ABOVE SHOULDERS, SHOULDERS ON THREE (3) SIDES SHALL NOT BE LESS THAN 2-½" INSIDE FOR INSTALLATION. THRESHOLD SHALL BE NOT MORE THAN ½" ABOVE RECEPTOR FLOOR TO ALLOW FOR BARRIER FREE ENTRANCE. DRAIN BODY WILL BE BRASS, CAST INTEGRAL, AND WILL PROVIDE FOR A NON-CAUKED CONNECTION NOT LESS THAN ONE (1) INCH DEEP TO A 2" PIPE. RECEPTOR. THE RECEPTOR CONSTRUCTION SHALL BE OF TAN AND WHITE MARBLE CHIPS CAST IN WHITE PORTLAND CEMENT TO PRODUCE A COMPRESSIVE STRENGTH OF NOT LESS THAN 3,000 PSI, SEVEN (7) DAYS AFTER CASTING. TERRAZZO SURFACE SHALL BE GROUND, POLISHED, AND THE ENTIRE UNIT SEALED TO RESIST STAINS AND MOSTURE AFTER ANY AIR HOLES AND OR PITS ARE GROUND. RECEPTOR SHALL BE REINFORCED WITH 16 GAUGE WIRE AND FURNISHED WITH REMOVABLE STAINLESS STEEL STRAINER PLATE. FLORESTONE OR EQUAL MODEL No. 400.
<u>TRAP</u>	2" CAST IRON
<u>SUPPLY</u>	1/2" NPT DIRECT SWEAT TYPE
<u>SHOWER FITTING-</u>	CAST BRASS VALVE BODY, WASHERLESS 47mm CERAMIC DISC VALVE CARTRIDGE WITH VOLUME CONTROL, TEMPERATURE CONTROL, SCREWDRIVER STOPS, AND HOT LIMIT SAFETY STOP. PRESSURE BALANCING CARTRIDGE MAINTAINS CONSTANT OUTPUT TEMPERATURE IN RESPONSE TO CHANGES IN RELATIVE HOT AND COLD WATER SUPPLY PRESSURE AND AVOIDS FAILURE DUE TO MINERAL DEPOSITS. TRIM SHALL BE POLISHED CHROME AND INCLUDE MINIMUM 2.5 GPM FLOW RESTRICTED ADJUSTABLE SPRAY SHOWER HEAD, CHROME METAL LEVER HANDLE, CHROME PLATED BRASS WALL ESCUTCHEON AND SHOWER ARM. AMERICAN STANDARD OR EQUAL VALVE BODY MODEL NO. R125SS, AND TRIM MODEL NO T000.501
<u>AIR COMPRESSOR</u>	
<u>DESCRIPTION:</u>	INGERSOLL RAND MODEL 2475N5, 17.2 CFM @ 90 PSI, 175 PSI MAX, 5 H.P., 28"L x 38"W x 69"H, ¾" OUTLET, 208V/1PH/60HZ
<u>GWSH-1 GEAR WASHER (PURCHASED BY OWNER INSTALLED BY PLUMBER)</u>	
<u>DESCRIPTION:</u>	60 LB CAPACITY GEAR WASHER EXTRACTOR OVERALL SIZE 34.5"W x 52.3"D x 54.0"H,HIGH, WATER VALVES 0.8", DRAIN VALVE 3". ELECTRICAL DATA BASKET DRIVE MOTOR- 5 HP, SINGLE MOTOR DRIVE- 5 HP. MFG. MILNOR MODEL No. 30022 V6J
<u>DF WATER COOLER W/ BOTTLE FILLING STATION</u>	
<u>FIXTURE</u>	UNIT SHALL INCLUDE AN ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION. LZ58WSPP SHALL DELIVER 8 GPH OF 50° F OF DRINKING WATER AT 80° AMBIENT AND 80° INLET WATER. LOWER UNIT SHALL HAVE PUSHBAR ACTIVATION. BOTTLE FILLING UNIT SHALL INCLUDE AN ELECTRONIC SENSOR FOR TOUCHLESS ACTIVATION WITH AN AUTOMATIC 20-SECOND SHUT-OFF TIMER. LED LIGHT ILLUMINATING THE WATER DISPENSING AREA, BRIGHTENING AS WATER IS BEING DISPENSED. SHALL INCLUDE A GREEN TICKER"DISPLAYING COUNT OF PLASTIC BOTTLES SAVED FROM WASTE. BOTTLE FILLER SHALL PROVIDE A 1.1 GPM FLOW RATE WITH LAMINAR FLOW TO MINIMIZE SPLASHING. SHALL INCLUDE THE WATERSENTRY® PLUS 3000-GALLON CAPACITY FILTER, CERTIFIED TO NSF/ANSI 42 & 53, WITH VISUAL FILTER MONITOR TO INDICATE WHEN REPLACEMENT IS NECESSARY. UNIT SHALL AUTOMATICALLY DETECT A NEW FILTER AND RESET VISUAL FILTER MONITOR ACCORDINGLY. UNIT SHALL HAVE THE ABILITY TO TURN OFF REFRIGERATION SYSTEM AS NEEDED, IN ADDITION TO SELF DIAGNOSING SYSTEM ISSUES AND RELAY MESSAGES RELATED. SHALL INCLUDE INTEGRATED SILVER ION ANTI-MICROBIAL PROTECTION IN KEY AREAS. UNIT SHALL MEET ADA GUIDELINES. UNIT SHALL BE A LEAD-FREE DESIGN WHICH IS CERTIFIED TO NSF/ANSI 61 AND 372 AND MEETS FEDERAL AND STATE LOW-LEAD REQUIREMENTS. UNIT SHALL BE CERTIFIED TO UL399 AND CAN/CSA 22.2 NO. 120 & IS FCC COMPLIANT. THE CHILLING CAPACITY SHALL PRODUCE 50 DEG. F. DRINKING WATER, BASED ON 80 DEG. F. INLET WATER AND 90 DEG. F. AMBIENT, UTILIZES HFC-134a REFRIGERANT CONTROLLED BY CALIBRATED CAPILLARY TUBING, CONTOURED SHOCK ABSORBING UPPER SHROUD AND ACCESSIBLE ONE PIECE LOWER SHROUD ALLOWING ACCESS TO INTERNAL COMPONENTS FROM THREE SIDES. MOTOR COMPRESSOR SHALL BE HERMETICALLY SEALED, RECIPROCATING TYPE, 115V, 60 Hz SINGLE PHASE, EQUIPPED WITH ELECTRIC CORD AND THREE PRONG MOLDED RUBBER PLUG. CAPACITY- 8.0 GPH OF 50 DEG F. @ 90 DEG. F. ROOM TEMPERATURE, 9.6 GPH. @ 70°F., AND 8.8 GPH. @ 80°F., 325 WATTS, & 3.7 FULL LOAD AMPS.
<u>TRAP -</u>	1 1/2" CHROME PLATED "P"-TRAP , TRAP NIPPLE AND ESCUTCHEON PLATE.
<u>SUPPLY -</u>	CHROME PLATED 1/2" NIPPLES AND ESCUTCHEONS WITH 1/2" ANGLE
<u>SUPPORT -</u>	FLOOR MOUNTED ELECTRIC WATER COOLER SUPPORTS UPRIGHTS SHALL BE HIGH STRENGTH STEEL WITH WELDED BASES SECURELY BOLTED TO FLOOR CONSTRUCTION. (2 REQD FOR BI-LEVEL COOLER) JR SMITH OR EQUAL MODEL No. 834-M31
ALL MODEL NUMBERS SHOWN ARE BASED ON INFORMATION GATHERED DURING DESIGN, AND ARE SUBJECT TO CHANGE BY MANUFACTURER. CONTRACTOR SHALL NOT RELY ON THE MODEL NUMBER ALONE BUT, SHALL RELY ON SPECIFICATIONS SHOWN ON SCHEDULES. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR REVISED MODEL NUMBERS. VERIFY ALL MODELS WITH ARCHITECT PRIOR TO PURCHASE OR INSTALLATION.	
<u>MOP MOP SINK</u>	
<u>FIXTURE-</u>	TERRAZZO, SQUARE DROP FRONT MOP RECEPTOR, 12" HIGH AND 1-¾" WIDE SHOULDER, GALVANIZED BONDERIZED STEEL FLANGE WILL BE CAST INTEGRAL AND EXTEND AT LEAST 1" ABOVE SHOULDER ON TWO (2) SIDES, 3" DRAIN, STAINLESS STEEL CAP TO BE CAST INTEGRAL ON DROP. SIDE DRAIN BODY SHALL BE BRASS CAST INTEGRAL AND PROVIDES FOR A NON-CAULKED CONNECTION NOT LESS THAN 1" DEEP TO A 3"PIPE. RECEPTOR SHALL BE MANUFACTURED OF TAN AND WHITE MARBLE CHIPS CAST IN WHITE PORTLAND CEMENT WITH A COMPRESSIVE STRENGTH OF 3000 PSI, TERRAZZO SURFACE SHALL BE GROUND AND POLISHED WITH ALL AIR HOLES AND OR PITS GROUTED AND THE EXCESS REMOVED AND SEALED TO RESIST STAINS AND MOISTURE. RECEPTOR SHALL BE REINFORCED WITH 16 GA. WIRE. OVERALL SIZE 24"Lx24"Wx12"H WITH FLANGE. FLORESTONE OR EQUAL MODEL 60LH-24"x24"-12"
<u>STRAINER-</u>	DOME TYPE CHROME PLATED FLORESTONE OR EQUAL MODEL NO. MR-376
<u>MOP HANGER-</u>	WALL MOUNTED WITH 3 CLAMPS FLORESTONE OR EQUAL MODEL NO. MR-372
<u>HOSE-</u>	¾" HOSE FIVE FEET LONG WITH CLAMP FLORESTONE OR EQUAL MODEL NO. MR-370
<u>SUPPLY</u>	1/2" NPT SWEAT TYPE, CHROME PLATED WITH STOP VALVES.
<u>FAUCET-</u>	ROUGH CHROME PLATED CAST BRASS, ¾ TURN CERAMIC CARTRIDGES, VANDAL-RESISTANT FOUR ARM HANDLES WITH COLOR CODED INDEXES, CAST BRASS NOZZLE WITH ¾" HOSE THREAD, PAIL HOOK AND TOP BRACE. BRASS VACUUM BREAKER, BRASS TOP BRACE ASSEMBLY WITH ADJUSTABLE THREADED BRASS WALL FLANGE, & ½"NPTF INLETS. SPEAKMAN OR EQUAL MODEL NO SC-5811-RCP
<u>EYE WASH STATION (AT APP BAY)</u>	
<u>FIXTURE</u>	ULINE MODEL H-5795
<u>TRAP -</u>	1 1/4" CHROME PLATED "P" – TRAP, TRAP NIPPLE AND ESCUTCHEON PLATE.
<u>SUPPLY -</u>	1/2" NIPPLES AND ESCUTCHEONS WITH 3/8" ANGLE STOPS.
<u>HS HANDSINK</u>	
<u>FIXTURE-</u>	SINGLE COMPARTMENT 17"Lx16"Wx7-58"DEEP BOWL,COUNTERTOP 18 GAUGE TYPE 304 18-8 NICKEL BEARING STAINLESS STEEL, SELF RIMMING, COVED CORNERS 1-¾" VERTICAL AND HORIZONTAL RADIUS, BOWL AND FAUCET DECK RECESS ¾" BELOW OUTSIDE EDGE OF SINK, FULLY COATED UNDERSIDE TO DAMPEN SOUND AND PREVENT CONDENSATE, AND FOUR (4) 1-½"Ø FAUCET HOLES @ 4" CENTERS. ELKAY OR EQUAL "LUSTERTONE" MODEL NO. 1716
<u>SUPPLY</u>	3/8" OD COMPRESSION TYPE FITTINGS WITH CHROME PLATED STOP VALVES.
<u>TRAP</u>	1-1/2" TAILPIECE & ESCUTCHEON CHROME PLATED
<u>FAUCET</u>	ADA COMPLIANT, DUAL HANDLE MIXING FAUCET ON DECK MOUNTED ESCUTCHEON. METAL HANDLES, TUBULAR BRASS HI-ARC CONTEMPORARY STYLE SWING SPOUT WITH RESTRICTED FLOW AERATOR FINISHED IN CHROME PLATE. REMOVABLE DIACORE CARTRIDGES AND 150° TURN OF THE HANDLE CONTROLS FROM DRIP-FREE OFF TO FULL ON. RETRACTABLE SPRAY AND HOSE, WITH 4 FAUCET HOLES REQUIRED AND ½" IP CONNECTIONS. FLOW RATE 2.5 GPM MAX. @ 80 PSI. ELKAY OR EQUAL MODEL NO. LK2443.
<u>HANDLES</u>	CHROME PLATED WRIST BLADE TYPE "AMARILLIS SERIES" AMERICAN STANDARD OR EQUAL MODEL NO. 172H
<u>POT FILL</u>	
<u>DESCRIPTION:</u>	ADVANCE TABCO MODEL K-119 W/ 16" SWING NOZZLE.
<u>SINK</u>	
<u>FIXTURE-</u>	SINGLE COMPARTMENT 24"Lx18"Wx7-5/8"DEEP BOWL,COUNTERTOP 18 GAUGE TYPE 304 18-8 NICKEL BEARING STAINLESS STEEL, SELF RIMMING, COVED CORNERS 1-¾" VERTICAL AND HORIZONTAL RADIUS, BOWL AND FAUCET DECK RECESS ¾" BELOW OUTSIDE EDGE OF SINK, FULLY COATED UNDERSIDE TO DAMPEN SOUND AND PREVENT CONDENSATE, AND FOUR (4) 1-½"Ø FAUCET HOLES @ 4" CENTERS. ELKAY OR EQUAL "LUSTERTONE" MODEL NO. 1716
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<u>FAUCET</u>	ADA COMPLIANT, DUAL HANDLE MIXING FAUCET ON DECK MOUNTED ESCUTCHEON. METAL HANDLES, TUBULAR BRASS HI-ARC CONTEMPORARY STYLE SWING SPOUT WITH RESTRICTED FLOW AERATOR FINISHED IN CHROME PLATE. REMOVABLE DIACORE CARTRIDGES AND 150° TURN OF THE HANDLE CONTROLS FROM DRIP-FREE OFF TO FULL ON. RETRACTABLE SPRAY AND HOSE, WITH 4 FAUCET HOLES REQUIRED AND ½" IP CONNECTIONS. FLOW RATE 2.5 GPM MAX. @ 80 PSI. ELKAY OR EQUAL MODEL NO. LK2443.
<u>HANDLES</u>	CHROME PLATED WRIST BLADE TYPE "AMARILLIS SERIES" AMERICAN STANDARD OR EQUAL MODEL NO. 172H
<u>4-BURNER RANGE W/ AIR FRY OVEN</u>	
<u>MAKE / MODEL:</u>	GE / J5760SPSS
BUILT-IN WIFI, POWERED BY SMARTHQ APP – CONNECT, CONTROL AND MANAGE YOUR OVEN FROM ANYWHERE WITH YOUR SMARTPHONE OR TABLET (SELECT FEATURES REQUIRE WIFI CONNECTION) NO-PREHEAT AIR FRY –COOK HEALTHIER, CRISPIER VERSIONS OF YOUR FAVORITE FOODS IN LESS TIME, THANKS TO AN AIR FRYER RIGHT IN YOUR OVEN THAT DOESN'T REQUIRE PREHEATING, A BASKET, OR A SPECIAL TRAY	
12-IN/9-IN DUAL ELEMENT – TWO HEATING ELEMENTS IN ONE OFFER FLEXIBILITY CONVECTION – 9-IN/6-IN POWERBOIL ELEMENT – PRODUCES RAPID, POWERFUL HEAT	
FIFTH ELEMENT WARMING ZONE – PROVIDES LOW-HEAT CAPABILITY FOR FOODS	
SELF-CLEAN WITH STEAM CLEAN OPTION – CLEAN YOUR OVEN THE WAY YOU WANT	

SPECIALTY SCHEDULE	
<div>CO – 1 FLOOR CLEANOUT</div> <div><div>DESCRIPTION:</div><div>ROUND DECK PLUG, 4-¾"Ø FOR A 3" PIPE SIZE & 6"Ø FOR A 4" PIPE SIZE ALL NICKEL BRONZE CONSTRUCTION WITH A POLISHED SCOREATED WATER TIGHT COVER WHICH REQUIRES A SPANNER WRENCH FOR REMOVAL . JR SMITH OR EQUAL FIGURE No. 4890C</div></div>	<div>WH-3,4 WATER HEATER – ELECTRIC POINT OF USE</div> <div><div>DESCRIPTION:</div><div>UNIT SHALL HAVE COPPER CLAD IMMERSION HEATING ELEMENT(S) WITH BRASS TERMINATIONS FOR INCREASED DURABILITY. EXTERNAL TEMPERATURE CONTROL AND DISPLAY ADJUSTABLE IN 1" INCREMENTS WITH A RANGE OF 80°-140°F. DISPLAY SHALL BE CAPABLE OF DISPLAYING SETPOINT TEMPERATURE IN CELSIUS OR FAHRENHEIT TEMPERATURE SCALES. UNIT SHALL UTILIZE A FLOW METER WITH A 0.3 GPM ACTIVATION POINT AND MANAGE POWER BASED ON ACTUAL FLOW RATE AND INLET TEMPERATURE. VALUES SHOULD BE PROCESSED 60 TIMES PER SECOND. UNIT SHALL BE WQA CERTIFIED LEAD FREE, CERTIFIED TO UL499 AND CSA C22.2 NO.64. RHEEM MODEL RTEK-08, 0.5 GPM, 208V/1PH/33A</div></div>
<div>CO – 2 WALL CLEANOUT</div> <div><div>DESCRIPTION:</div><div>DUCO CAST IRON SPIGOT FERRULE WITH CAST BRONZE TAPER THREADED PLUG. CHROME PLATED BRONZE ROUND FRAME AND SECURED FACE OF WALL COVER. JR SMITH OR EQUAL MODEL NO. 4436C</div></div>	<div>WH-1,2 WATER HEATER – GAS FIRED, TANKLESS</div> <div><div>DESCRIPTION:</div><div>CONDENSING, TANKLESS, BUILT-IN RECIRCULATION, 199,000 BTU/H INPUT, 5.4 GPM @ 70°F TEMPERATURE RISE, 28.7"H x 17.3"W x 14.8" D. RHEEM MODEL RTGH-CM95DV/L</div></div>
<div>FN – 1 FUNNEL DRAIN</div> <div><div>DESCRIPTION</div><div>7" DIA. INDIRECT WASTE FUNNEL DRAIN, DUCO CAST IRON WITH ACID RESISTANT COATED INTERIOR, ALUMINUM DOME BOTTOM STRAINER, CAULKED 3" PIPE SIZE OUTLET. JR SMITH OR EQUAL MODEL NO. 3811C-DBS.</div></div>	<div>EXPTK- 1 DOMESTIC HOT WATER EXPANSION TANK</div> <div><div>DESCRIPTION:</div><div>THE PRESSURIZATION SYSTEM SHALL INCLUDE AN THERM-X-TROL®.DIAPHRAGM OR BLADDER TYPE EXPANSION TANK WHICH WILL ACCOMMODATE THE EXPANDED WATER OF THE SYSTEM GENERATED WITHIN THE NORMAL OPERATING TEMPERATURE RANGE, LIMITING THIS PRESSURE INCREASE AT THOSE COMPONENTS IN THE SYSTEM TO THE MAXIMUM ALLOWABLE PRESSURE AT THOSE COMPONENTS. IT SHALL MAINTAIN MINIMUM OPERATING PRESSURE, FURNISH AND INSTALL AS SHOWN ON PLANS A 2.1 GALLON, 10IN. DIAMETER X 10¾ IN. (HIGH) AMTROL MODEL ST-5-C. THE EXPANSION TANK SHALL BE WELDED STEEL, CONSTRUCTED, TESTED AND STAMPED IN ACCORDANCEWITH SECTION VII, DIVISION 1 OF THE ASME CODE FOR A WORKING PRESSURE OF 150 PSIG. FACTORY AIR PRE-CHARGED AND FIELD ADJUSTABLE. ALL WELDS CONFORMING TO ASME SECTION IX. ALL INTERNAL PARTS MUST COMPLY WITH FDA REGULATIONS AND APPROVALS. THE TANK SHALL BE SUPPORTED BY STEEL LEGS OR A BASE (INTEGRAL RING MOUNT) FOR A VERTICAL INSTALLATION. EACH TANK SHALL HAVE A STEEL SHELL AND AN INTERNAL BUTYL/EPDM DIAPHRAGM OR BUTYL BLADDER WITH CODE APPROVALS NSF/ANSI 61 USED TO ISOLATE THE AIR CHARGE FROM FLUID. THE MANUFACTURER SHALL BE AMTROL INC. THE MANUFACTURER SHALL HAVE AT LEAST FIVE YEARS EXPERIENCE IN THE FABRICATION OF BLADDER / DIAPHRAGM-TYPE ASME EXPANSION TANKS.</div></div>
<div>RD & EM RD ROOF DRAIN</div> <div><div>DESCRIPTION</div><div>GALVANIZED CAST IRON BODY WITH ADJUSTABLE EXTENSION SLEEVE, REVERSIBLE COLLAR, COMBINED FLASHING CLAMP AND GRAVEL STOP, UNDERDECK CLAMP, AND LOW PROFILE POLYETHYLENE DOME. JR SMITH OR EQUAL FIGURE No. 1015C-C-G</div></div>	<div>P-1 HOT WATER CIRCULATING PUMP</div> <div><div>DESCRIPTION:</div><div>HIGH CAPACITY OUTPUT, COMPOSITE HOUSING, MAXIMUM FLUID TEMPERATURE 220 DEG. F, AND MAXIMUM PRESSURE 203 PSI. 120 VOLTS, 60 Hz, SINGLE PHASE, 0.54 AMPS, 1440-3720 RPM. TACO OR EQUAL MODEL NO 006e3LC</div></div>
<div>AG-1 AIR GAP FITTING</div> <div><div>DESCRIPTION</div><div>AIRGAP FITTING TO PROVIDE UNOBSTRUCTED SEPARATION BETWEEN THE BACKFLOW PREVENTOR RELIEF VALVE PORT, THE POTABLE WATER SUPPLY & THE DRAINAGE SYSTEM, CONSTRUCTED OF EPOXY COATED CAST IRON WITH A NPT OUTLET. WATTS OR EQUAL MODEL NO. 909AGK</div></div>	<div>RPZ-1 – REDUCED PRESSURE ZONE ASSEMBLY</div> <div><div>DESCRIPTION:</div><div>THE ASSEMBLY SHALL CONSIST OF AN INTERNAL PRESSURE DIFFERENTIAL RELIEF VALVE LOCATED IN A ZONE BETWEEN TWO POSITIVE SEATING CHECK MODULES WITH CAPTURED SPRINGS AND SILICONE SEAT DISCS. SEATS AND SEAT DISCS SHALL BE REPLACEABLE IN BOTH CHECK MODULES AND THE RELIEF VALVE. THERE SHALL BE NO THREADS OR SCREWS IN THE WATERWAY EXPOSED TO LINE FLUIDS. SERVICE OF ALL INTERNAL COMPONENTS SHALL BE THROUGH A SINGLE ACCESS COVER SECURED WITH STAINLESS STEEL BOLTS. BODY AND SHUTOFFS SHALL BE CONSTRUCTED USING LEAD FREE* CAST COPPER SILICON ALLOY MATERIALS. LEAD FREE* REDUCED PRESSURE ZONE ASSEMBLY SHALL COMPLY WITH STATE CODES AND STANDARDS, WHERE APPLICABLE, REQUIRING REDUCED LEAD CONTENT. THE ASSEMBLY SHALL ALSO INCLUDE TWO RESILIENT SEATED ISOLATION VALVES, FOUR RESILIENT SEATED TEST COCKS AND AN AIR GAP DRAIN FITTING. THE ASSEMBLY SHALL MEET THE REQUIREMENTS OF: USC; ASSE STD. 1013; AWWA STD. C511; CSA B64.4. SHALL BE A WATTS SERIES LF009 – 1"</div></div>
<div>AG-2 AIR GAP FITTING INDIRECT WASTE OUTLETS</div> <div><div>DESCRIPTION</div><div>DUCO CAST IRON WITH THREADED OUTLET ONLY, FOR INDIRECT WASTE OUTLETS FROM FIXTURES, FOR PIPE SIZE SEE CONTRACT DRAWINGS. JR SMITH OR EQUAL FIGURE No. 3951T</div></div>	<div>FPWH FROST PROOF WALL HYDRANT</div> <div><div>DESCRIPTION:</div><div>KEY OPERATED FROST PROOF, BRONZE NICKEL PLATED, QUARTER TURN NON-FREEZE HYDRANT WITH HOSE CONNECTION, VACUUM BREAKER, ¾" NPT INLET, "T" HANDLE KEY, & STAINLESS STEEL BOX WITH FULL 180° COVER OPENING. JR. SMITH OR EQUAL FIGURE No. 55090T</div></div>
<div>FAL- 1 FRESH AIR INLET</div> <div><div>DESCRIPTION</div><div>PROTECTIVE COVER FOR FRESH AIR INLET PIPING AT EXTERIOR WALL POLISHED BRONZE WITH PIPE CLAMP VANDAL PROOF SCREWS. JR SMITH OR EQUAL FIGURE NO. 9005</div></div>	<div>HB -1 DOMESTIC WATER HOSE BIBB</div> <div><div>DESCRIPTION:</div><div>3/4" MALE NPT, HEX SHOULDER TEE HANDLE, WITH SEPARATE NON REMOVABLE VACUUM BREAKER, IP INLET HOSE END, CAST BRASS. WATTS OR EQUAL MODEL NO. SC-6. HOSE CONNECTION VACUUM BREAKER WATTS OR EQUAL MODEL NO BB.</div></div>
<div>TCV-1 HOT WATER MIXING VALVE</div> <div><div>DESCRIPTION:</div><div>CORROSION RESISTANT WITH A REPLACEABLE THERMOSTATIC SHUTTLE, A PRE-LOADED SPRING ASSEMBLY WHICH SHALL ACT AS AN OVER-TRAVEL MECHANISM. VALVE BODY CAST BRONZE, BRASS RETAINER AND ADJUSTING SCREW, SHUTTLE SHALL BE NORYL, THERMAL ELEMENT SHALL BE BRONZE/STAINLESS STEEL, "O" RINGS BUNA-N, AND STAINLESS STEEL RETURN AND OVER-TRAVEL SPRING. MAXIMUM WORKING PRESSURE 150 PSIG, OPERATING TEMPERATURE RANGE 33°-180°F. THE HOT WATER INLET TEMPERATURE SHALL BE BETWEEN 120°F AND 180°F. THE COLD WATER INLET TEMPERATURE SHALL BE BETWEEN 41°F AND 70°F. THE MIXED WATER TEMPERATURE SHALL BE 120°F. APOLLO MODEL NO. MVCLF (34CLF SERIES).</div></div>	<div>SPOS-1 ELEVATOR SUMP PUMP</div> <div><div>DESCRIPTION:</div><div>1/3 HP, 115V, SINGLE-PHASE, 5.2 FULL LOAD AMPS, THERMAL OVERLOAD TEMP 221°F, 1½" DISCHARGE, 10' STANDARD CORD LENGTH – UP TO 50'. 9.5"W x 6.5"L OIL DETECTOR WITH CONTROL PANEL & REMOTE ALARM LIBERTY PUMP, MODEL "ELV250 SERIES WITH OILTECTOR"</div></div>
<div>FD-1 FLOOR DRAIN</div> <div><div>DESCRIPTION</div><div>DUCO CAST IRON BODY, WITH FLASHING COLLAR AND 6" DIAMETER GRATE ADJUSTABLE STRAINER HEAD, CAULKED OUTLET ROUND TOP AND DEEP SEAL TRAP WITH REMOVABLE SEDIMENT BUCKET. MANUFACTURED BY JAY R. SMITH OR EQUAL FIGURE NO. 2010-C-A.</div></div>	<div>RD – 1 ROOF DRAIN & SECONDARY DRAIN</div> <div><div>DESCRIPTION</div><div>DURA COAT CAST IRON DEEP SUMP BODY WITH COMBINATION MEMBRANE FLASHING CLAMP AND GRATE STOP, DOUBLE TOP SEAT DECK PLATE, AND LOW PROFILE CAST IRON DOME. ZURN FIGURE No. Z164</div></div>
<div>WHA – 1 WATER HAMMER ARRESTOR</div> <div><div>DESCRIPTION:</div><div>ALL STAINLESS STEEL SHOCK ABSORBERS, HEAVY DUTY BALANCED EXPANSION BELLOWs, NON-TOXIC HYDRAULIC MINERAL OIL, AND THREADED NPT ENDS. CONTRACTOR SHALL INSTALL SHOCK ABSORBERS AT ALL SOLENOID, REMOTE OPERATED, QUICK CLOSING VALVES, AND INCLUDING ALL LOCATIONS SHOWN ON CONTRACT DRAWINGS. THE P.D.I. FIXTURE UNIT RATINGS SHALL BE RATINGS SHALL BE THE FOLLOWING: A=1-11 F.U.-¾", B=12-32 F.U.-1", C=33-60 F.U.-1", D=61-113 F.U.-1", E=114-154 F.U.-1", & F=155-330 F.U.-1". JR. SMITH OR EQUAL SERIES 5000</div></div>	<div>SCUPPER</div> <div><div>DESCRIPTION</div><div>DOWNSPOUT NOZZLE FLANGED OUTLET, ZURN MODEL# Z199</div></div>
<div>NC-1 NEUTRALIZATION KIT</div> <div><div>DESCRIPTION:</div><div>THE CONDENSATE NEUTRALIZATION CAPSULE SHALL BE AXIOM INDUSTRIES LTD. MODEL NC-1. SYSTEM SHALL INCLUDE 1 LITRE (0.26 U.S. GALLON) TRANSPARENT CAPSULE MADE FROM CORROSION RESISTANT MATERIALS WITH TWO 3" FILL/ACCESS OPENINGS, 3"INLET AND OUTLET SCREEN, ¾"-14NPT THREADED INLET, ¾"-14NPT THREADED OUTLET, TWO ¾" MNPT X ¾" FNPT UNIONS, THREE ¾"NPT TO ½"HOSE BARB FITTINGS, ½" BARBED Y FITTING, SIX HOSE CLAMPS, 10 FT OF ½"ID VINYL TUBING, TWO BASE/WALL MOUNTING CLAMPS.</div></div>	

DATE: ISSUE

SEAL:

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PLUMBING
& SPECIALTY SCHEDULES

PROJECT #: 21-08

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DRAWING#:

P-2