

FIXTURE SCHEDULE	
<p>WC – FLOOR MOUNTED WATER CLOSET (ADA COMPLIANT)</p> <p><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.</p> <p><u>LAV UNDERMOUNT LAVATORY</u></p> <p><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</p> <p><u>TRAP</u> 1 1/4" CHROME PLATED "P" – TRAP, TRAP NIPPLE AND ESCUTCHEON PLATE.</p> <p><u>SUPPLY</u> 3/8" NIPPLES AND ESCUTCHEONS WITH 3/8" ANGLE STOPS.</p> <p><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.</p> <p><u>SHWR SHOWER (ADA)</u></p> <p><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.</p> <p><u>TRAP</u> 2" CAST IRON</p> <p><u>SUPPLY</u> 1/2" NPT DIRECT SWEAT TYPE</p> <p><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</p>	<p>MOP MOP SINK</p> <p><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"</p> <p><u>STRAINER</u>– DOME TYPE CHROME PLATED FLORESTONE OR EQUAL MODEL NO. MR–376</p> <p><u>MOP HANGER</u>– WALL MOUNTED WITH 3 CLAMPS FLORESTONE OR EQUAL MODEL NO. MR–372</p> <p><u>HOSE</u>– ¾" HOSE FIVE FEET LONG WITH CLAMP FLORESTONE OR EQUAL MODEL NO. MR–370</p> <p><u>SUPPLY FAUCET</u>– 1/2" NPT SWEAT TYPE, CHROME PLATED WITH STOP VALVES. ROUGH CHROME PLATED CAST BRASS, ½ 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</p> <p><u>EYE WASH STATION (AT APP BAY)</u></p> <p><u>FIXTURE</u> ULINE MODEL H–5795</p> <p><u>TRAP</u> – 1 1/4" CHROME PLATED "P" – TRAP, TRAP NIPPLE AND ESCUTCHEON PLATE.</p> <p><u>SUPPLY</u> – 1/2" NIPPLES AND ESCUTCHEONS WITH 3/8" ANGLE STOPS.</p> <p><u>HS HANDSINK</u></p> <p><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</p> <p><u>SUPPLY</u> 3/8" OD COMPRESSION TYPE FITTINGS WITH CHROME PLATED STOP VALVES.</p> <p><u>TRAP</u> 1–1/2" TAILPIECE & ESCUTCHEON CHROME PLATED</p> <p><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.</p> <p><u>HANDLES</u> CHROME PLATED WRIST BLADE TYPE "AMARILLUS SERIES" AMERICAN STANDARD OR EQUAL MODEL NO. 172H</p> <p><u>HR – 1 CEILING MOUNTED AIR & WATER HOSE REELS</u></p> <p><u>DESCRIPTION</u>:– HEAVY DUTY REEL WITH INDUSTRIAL DUTY CHANNEL FRAME CONSTRUCTION. CHAIN AND SPROCKET DRIVE POWERED BY 1/2 HP 115V ELECTRIC MOTOR & OPTIONAL CHAIN CLUTCH REDUCTION UNIT, AND AUXILIARY CRANK REWIND. 1/2" NPT BRONZE INLET & OUTLET. REEL SHALL BE CAPABLE OF HANDLING 100' OF HOSE. HANNAY MODEL NO. E1516–17–18 OR EQUAL. CONTROLLER SHALL BE PURCHASED AND INSTALLED BY PLUMBING CONTRACTOR. WIRED BY ELECTRICAL CONTRACTOR.</p> <p><u>HOSE</u> NON COLLAPSABLE RUBBER HOSE SPIRAL BRAID WRAPPED SYNTHETIC RUBBER HOSE 150LB WORKING PRESSURE FURNISHED WITH BRASS SHANK TYPE COUPLINGS. FURNISH 1/2" 100FT. CONTINUOUS LENGTH.</p> <p>CONTRACTOR SHALL VERIFY ALL REEL COMPONENTS WITH MANUFACTURER, SPECIFICATION OF HOSE REEL GIVEN MAY NOT MENTION ALL ITEMS REQUIRED BUT, THIS WILL NOT EXCUSE THE CONTRACTOR FROM A COMPLETE INSTALLATION AT NO ADDITIONAL COST TO OWNER.</p>

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.

SPECIALTY SCHEDULE	
<p><u>CO – 1 FLOOR CLEANOUT</u></p> <p><u>DESCRIPTION</u>:– 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 SCORIATED WATER TIGHT COVER WHICH REQUIRES A SPANNER WRENCH FOR REMOVAL . JR SMITH OR EQUAL FIGURE No. 4890C</p> <p><u>CO – 2 WALL CLEANOUT</u></p> <p><u>DESCRIPTION</u>:– 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</p> <p><u>FN – 1 FUNNEL DRAIN</u></p> <p><u>DESCRIPTION</u> – 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.</p> <p><u>AG–1 AIR GAP FITTING INDIRECT WASTE OUTLETS</u></p> <p><u>DESCRIPTION</u> – 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</p> <p><u>FAI– 1 FRESH AIR INLET</u></p> <p><u>DESCRIPTION</u>– 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</p> <p><u>TCV–1 HOT WATER MIXING VALVE</u></p> <p><u>DESCRIPTION</u>:– 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°F–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).</p> <p><u>FD–1 FLOOR DRAIN</u></p> <p><u>DESCRIPTION</u> – 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.</p> <p><u>WHA – 1 WATER HAMMER ARRESTOR</u></p> <p><u>DESCRIPTION</u>:– 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</p> <p><u>NC–1 NEUTRALIZATION KIT</u></p> <p><u>DESCRIPTION</u>:– 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.</p>	<p><u>P–1 HOT WATER CIRCULATING PUMP</u></p> <p><u>DESCRIPTION</u>:– 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 AQUASTAT, TIMER CONTROL.</p> <p><u>RD – 1 ROOF DRAIN & SECONDARY DRAIN</u></p> <p><u>DESCRIPTION</u> – DURA COAT CAST IRON DEEP SUMP BODY WITH COMBINATION MEMBRANE FLASHING CLAMP AND GRAVEL STOP, DOUBLE TOP SET DECK PLATE, AND LOW PROFILE CAST IRON DOME. ZURN FIGURE No. Z164</p> <p><u>SCUPPER</u></p> <p><u>DESCRIPTION</u> – DOWNSPOUT NOZZLE FLANGED OUTLET, ZURN MODEL# Z199</p> <p><u>WH–1 DOMESTIC HOT WATER HEATER (NATURAL GAS)</u></p> <p><u>DESCRIPTION</u>:– NATURAL GAS WATER HEATER SHALL BE A. O. SMITH CYCLONE HE MODEL # BTX–80 OR EQUAL, MINIMUM 94% THERMAL EFFICIENCY, A STORAGE CAPACITY OF 50 GALLONS, AN INPUT RATING OF 76,000 BTUS PER HOUR, A RECOVERY RATING OF 95 GALLONS PER HOUR (GPH) AT 90°F RISE AND A MAXIMUM HYDROSTATIC WORKING PRESSURE OF 160 PSI.</p> <p><u>EXPTK– 1 DOMESTIC HOT WATER EXPANSION TANK</u></p> <p><u>DESCRIPTION</u>:– 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 10½ IN. (HIGH) AMTROL MODEL ST–5–C. THE EXPANSION TANK SHALL BE WELDED STEEL, CONSTRUCTED, TESTED AND STAMPED IN ACCORDANCEWITH SECTION VIII, 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.</p> <p><u>AIR COMPRESSOR</u></p> <p><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</p> <p><u>GWSH–1 GEAR WASHER (PURCHASED BY OWNER INSTALLED BY PLUMBER)</u></p> <p><u>DESCRIPTION</u>:– 60 LB CAPACITY GEAR WASHER EXTRACTOR OVERALL SIZE 34.5"W x 52.3"D x 54.0"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</p>

DATE: 7.18.22

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PLUMBING & SPECIALTY SCHEDULES

PROJECT #: 21–08

DRAWN BY:

CAD FILE: 21–08/P: /BID

DRAWING#:

P–2