

Drawing File: I:\21xxxx\21027.001\21027pdx.dwg P01  
 Plotted by: chrs May 05, 2022 4:46pm

REVISIONS	DATE
REVISION	05/09/22

### PLUMBING LEGEND

VENT PIPING  
 WASTE PIPING BELOW FLOOR OR GRADE (SAN)  
 COLD WATER PIPING (CW)  
 HOT WATER PIPING (HW)  
 PIPING UP  
 PIPING DOWN  
 HOT WATER BALANCING VALVE  
 PLUMBING FIXTURE IDENTIFICATION. SEE PLUMBING FIXTURE SCHEDULE  
 ELEVATION  
 CONNECT NEW TO EXISTING. FIELD VERIFY SIZE AND LOCATION PRIOR TO EXECUTING WORK  
(E) EXISTING - EXACT SIZE AND LOCATION TO BE FIELD VERIFIED.  
(D) EXISTING ITEM TO BE DEMOLISHED  
(RL) EXISTING ITEM TO BE RELOCATED  
(R) NEW LOCATION OF EXISTING ITEM  
VB VALVE BOX  
LAV LAVATORY  
WC WATER CLOSET

Coral Shores High School  
 Cosmetology Alterations

Monroe County School District  
 241 Trumbo Road - Key West, Florida 33040

PLUMBING FIXTURE & EQUIPMENT SCHEDULE							
MARK	DESCRIPTION	SELECTION	W OR S	TRAP	VENT	HW	CW
P1 HAND SINK	HANDICAPPED ** HOT/ COLD WATER (SINGLE BOWL) BOWL, SINGLE BOWL, STAINLESS STEEL. COUNTERTOP-MOUNTED 18 GAUGE-TYPE 304 SELF RIM, OVERFLOW, 19"x18"x6-1/2" OVERALL, 16"x11-1/2" BOWL, ONE FAUCET HOLE IN CENTER OF BACK LEDGE AS REQUIRED FOR ACCESSIBILITY, ADA COMPLIANT. FAUCET: 5-1/4" HIGH GOOSENECK OUTLET, NON-AERATING (0.5 GPM), LEVER HANDLES, CHROME FINISHED, ADA COMPLIANT DRAIN: FLAT GRID STRAINER WITHOUT STOPPER, 1-1/2" OUTLET. P-TRAP: CHROME FINISHED WITH TWO UNIONS, 1-1/2" INLET AND OUTLET, WITHOUT CLEANOUT. SUPPLY: TWO REQUIRED, CHROME PLATED, LOOSE KEY ANGLE VALVES, WALL ESCUTCHEON, FLEXIBLE TUBE RISER, 3/8" INLET CONNECTIONS. MIXING VALVE: THERMOSTATICALLY CONTROLLED POINT OF USE MIXING VALVE. LEAD FREE. ASSE 1070 COMPLIANT. SET TEMPERATURE TO 105°F.	ELKAY LRAD191855 (CUSTOM PUNCH)  CHICAGO 50-E2805-5ABCP ELKAY LK-18 MCGUIRE 8912CNC MCGUIRE 2165CCLK  SYMMONS 7-225-CK	2"	2"	2"	3/8"	3/8"
P2 SALON SHAMPOO STATION	SALON SHAMPOO STATION - OWNER PROVIDED CHAIR WITH INTEGRAL WASH BOWL, H&CW FAUCET WITH SPRAY WAND, VACUUM BREAKER, AND FLEXIBLE DRAIN HOSE. DRAIN: PROVIDE AIR GAP DRAIN CONNECTOR AND HAIR STRAINER. SUPPLY: TWO REQUIRED, CHROME PLATED, LOOSE KEY ANGLE VALVES, WALL ESCUTCHEONS, FLEXIBLE TUBE RISERS, 3/8" INLET CONNECTIONS, PROVIDE 0.75 GPM FLOW RESTRICTOR ON THE H&CW LINES OR 1.5 gpm FLOW RESTRICTOR IN THE LINE TO THE SPRAY WAND	IMT B087BRW3BF SMITH 3951T-CP SMITH 8760T-CP MCGUIRE 2165CCLK	2"	1-1/2"	1-1/2"	3/8"	3/8"
P3 PEDICURE STATION	SALON PEDICURE STATION - OWNER PROVIDED CHAIR WITH INTEGRAL WASH BOWL, H&CW FAUCET, VACUUM BREAKER, WHIRLPOOL / DISCHARGE PUMP, AND FLEXIBLE DRAIN HOSE. DRAIN: PROVIDE AIR GAP DRAIN CONNECTOR AND P-TRAP. SUPPLY: TWO REQUIRED, CHROME PLATED, LOOSE KEY ANGLE VALVES, WALL ESCUTCHEONS, FLEXIBLE TUBE RISERS, 1/2" INLET CONNECTIONS.	J&A CLEO AX SMITH 3951T-CP MCGUIRE 8089CNC MCGUIRE 2165CCLK	2"	1-1/2"	1-1/2"	1/2"	1/2"
△ EWH	TANKLESS POINT OF USE ELECTRIC WATER HEATER 20.0 KW @ 480V, THREE PHASE, 24 AMPS PER PHASE, 5 GPM WITH 27°F RISE, 0.5 GPM ACTIVATION. SET TEMPERATURE TO 95°F. 18.52"H x 20.47"W x 5.84"D. PROVIDE BALL VALVE AT CONNECTING HOT AND COLD WATER LINES.	EEMAX XTP020480	-	-	-	3/4"	3/4"
AAV	VENT TERMINAL RELIEF LOCATE AIR ADMITTANCE VALVE JUST BELOW ROOF DECK. SIZE AS INDICATED ON DRAWINGS.	STUDOR	-	-	-	-	-
WCO	CAST IRON TEE WALL CLEAN-OUT WITH BRONZE PLUG AND ROUND STAINLESS STEEL COVER PLATE. SIZE C.O. SAME AS LINE SIZE (2-1/2" MINIMUM). PROVIDE PVC TO NO-HUB ADAPTERS FOR PVC DWV APPLICATIONS.	SMITH 4351S-Y	2-1/2" MIN.	-	-	-	-

\*\* FIXTURE AND ALL ATTACHMENTS SHALL COMPLY WITH THE FBC/ACCESSIBILITY CODE AND THE AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES; CHILDREN'S FACILITIES. FIXTURE TO BE MOUNTED PER THIS SCHEDULE UNLESS NOTED OTHERWISE IN PLAN. FLUSH VALVE HANDLE IS TO BE ON THE SIDE TOWARDS THE ASSOCIATED LAVATORY WHERE APPLICABLE.

#### GENERAL PLUMBING NOTES

- ALL PLUMBING WORK SHALL MEET ALL OF THE REQUIREMENTS OF THE FOLLOWING:
  - FLORIDA BUILDING CODE (FBC) 7TH EDITION (2020); THIS CODE INCLUDES THE 2020 FBC BUILDING, MECHANICAL, PLUMBING, ENERGY CONSERVATION, FUEL GAS, ACCESSIBILITY, AND TEST PROTOCOLS VOLUMES. FURTHER, SEE "REFERENCED STANDARDS" IN THE FBC BUILDING CHAPTER 35; FBC MECHANICAL CHAPTER 15; FBC PLUMBING CHAPTER 14; FBC ENERGY CONSERVATION CHAPTER 6; AND FBC FUEL GAS CHAPTER 8) (EFFECTIVE DECEMBER 31, 2020).
  - 7TH EDITION OF THE FLORIDA FIRE PREVENTION CODE (FFPC): (THIS CODE ALSO INCLUDES THE FLORIDA VERSIONS OF NFPA 1 AND NFPA 101.) (EFFECTIVE DECEMBER 31, 2020).
  - 2017 NATIONAL ELECTRIC CODE.
  - 2014 STATE REQUIREMENTS FOR EDUCATIONAL FACILITIES (SREF): - (EFFECTIVE NOVEMBER 4, 2014)
- PROVIDE COMPLETE PLUMBING SYSTEMS AS DETAILED. WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, AND SERVICES REQUIRED FOR COMPLETE SYSTEMS.
- IN GENERAL, PLANS ARE SCHEMATIC ONLY AND SHOULD NOT BE SCALED.
- CONDITIONS SHOWN AS EXISTING ARE BASED ON AVAILABLE DATA AND SHOULD BE INTERPRETED TO BE APPROXIMATE. VERIFY EXISTING CONDITIONS IN THE FIELD.
- COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS.
- UNLESS OTHERWISE NOTED, ALL PIPING SHALL BE RUN IN CONCEALED SPACES..
- WATER PIPING SHALL BE HARD DRAWN COPPER TYPE L WITH WROUGHT COPPER FITTINGS AND 95-5 SOLDER.
- ALL SOIL, WASTE, AND VENT PIPING SHALL BE SCHEDULE 40 PVC DWV.
- ALL FIRE STOPPING SHALL BE INSTALLED IN CONFORMANCE WITH THE MANUFACTURER'S U.L. DETAILS OF THE PRODUCTS USED SPECIFICALLY ON THIS PROJECT. APPLICABLE U.L. DETAILS SHALL BE SUBMITTED FOR THE ENGINEER'S REVIEW AND A COPY SHALL BE AVAILABLE ON SITE FOR USE BY THE AUTHORITY HAVING JURISDICTION.
- UNLESS NOTED OTHERWISE, ALL PLUMBING EQUIPMENT, MATERIALS, AND WORKMANSHIP SHALL BE GUARANTEED FOR A ONE YEAR PERIOD FROM DATE OF ACCEPTANCE.
- PROVIDE ALL CUTTING REQUIRED FOR THE INSTALLATION OF PLUMBING WORK.
- ALL SOIL AND WASTE PIPING 2-1/2" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT. LARGER WASTE PIPING SHALL BE SLOPED AT 1/8" PER FOOT.
- ALL WATER PIPING SHALL BE SUPPORTED RIGIDLY AND IN LINE FROM THE BUILDING STRUCTURE. OFFSET PIPING TO AVOID STRUCTURAL MEMBERS, CANTS, FLASHING, MECHANICAL AND ELECTRICAL EQUIPMENT, ETC.
- PRIOR TO COMMENCING ANY PLUMBING ROUGH-IN, THE EXISTING SANITARY PIPING SHALL BE EXCAVATED. VERIFY THE EXACT SIZE, LOCATION, INVERT AND DIRECTION OF FLOW. NOTIFY THE ENGINEER IMMEDIATELY IF THE DRAIN IS SMALLER THAN INDICATED OR IF THE INVERT WILL NOT BE LOW ENOUGH FOR THE NEW PLUMBING ROUGH-IN. CONNECT NEW SANITARY LINES TO EXISTING SANITARY LINES AS INDICATED. PATCH THE FLOOR AS DIRECTED BY THE ARCHITECT.
- VERIFY ALL SITE RELATED SANITARY & WATER CONNECTIONS PRIOR TO STARTING WORK. SHOULD DEPTHS BE DIFFERENT THAN THAT SHOWN HEREIN ADVISE ENGINEER IMMEDIATELY.
- VALVES AND FITTINGS SHALL BE OF SAME SIZE OF LINE ON WHICH THEY ARE INDICATED.
- ROUTE ALL PIPING CONCEALED ABOVE CEILINGS, WITHIN WALLS, OR IN CHASES. ANY PIPING EXPOSED TO VIEW SHALL BE RELOCATED AT NO ADDITIONAL COST TO THE OWNER IF DETERMINED BY THE OWNER TO BE OBJECTIONABLE.
- PROVIDE ACCESS PANELS TO ALL VALVES WITHIN CHASES OR ABOVE NON- ACCESSIBLE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
- PROVIDE DIELECTRIC ISOLATION/SEPARATION (I.E. UNIONS) AT CONNECTIONS OF DISSIMILAR METALS.
- ROUGH-IN ALL WASTE AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CONNECTIONS TO RENDER EQUIPMENT FULLY OPERATIONAL. ALL SUPPLIES SHALL BE VALVED. PROVIDE VACUUM BREAKERS OR CHECK VALVES WHERE REQUIRED BY AUTHORITY HAVING JURISDICTION.
- PLUMBING CONTRACTOR SHALL TAG ALL VALVES WITH STAMPED BRASS TAGS. PROVIDE FIELD COORDINATED VALVE SCHEDULE MOUNTED IN 8-1/2"x11" PICTURE FRAME IN THE MECHANICAL ROOM.
- ALL EXPOSED PLUMBING PENETRATIONS SHALL HAVE ESCUTCHEON PLATES.
- PROVIDE A BLUE STICKER ON CEILING GRID TEE BELOW ANY WATER VALVE ABOVE CEILING FOR LOCATION FACILITATION.

#### PLUMBING DRAWING INDEX

P0.1	PLUMBING GENERAL NOTES, SCHEDULE, AND LEGEND
P1.1	AREA F2 2ND FLR PLUMBING PLANS, DETAILS, AND RISERS

PLUMBING GENERAL NOTES, SCHEDULE, AND LEGEND

Anston-Greenlee, Inc.  
 Mechanical & Electrical Consulting Engineers  
 1115 West Hickory Avenue, Tampa, FL 33612 (813) 976-1919  
 Florida Professional Engineer License Number 0001

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DATE
04.18.2022
SCALE
AS NOTED
JOB NO.
21027
DRAWING NO.
P0.1

STEPHEN R. FORKNER, P.E. 80532  
 TO THE BEST OF MY KNOWLEDGE, THESE  
 DRAWINGS AND THE PROJECT MANUAL ARE  
 COMPLETE AND COMPLY WITH THE 2020 FLORIDA  
 BUILDING CODE