GENERAL PLUMBING NOTES

I. GENERAL REQUIREMENTS:

1. PLUMBING CONTRACTOR IS TO FURNISH & PAY FOR ALL LABOR, MATERIAL, EQUIPMENT, PERMITS, & FEES REQUIRED FOR THE COMPLETE INSTALLATION OF ALL SYSTEMS IN THIS SECTION OF WORK.
2. ALL WORK IS TO BE PERFORMED IN ACCORDANCE W/ 2020 FLPC & ALL OTHER APPLICABLE CODES. P.C. IS TO COORDINATE W/ G.C. IN REGARDS TO PROJECT TIMELINE, WORK HOURS, AS WELL AS ANY BONDING OR INSURANCE REQUIREMENTS.
3. ALL PLUMBING FIXTURES & PLUMBING SYSTEM EQUIPMENT SHALL BE PROVIDED COMPLETE W/ ALL ACCESSORIES, HANGERS, VALVES, STOPS, TAILPIECES, TRAPS, FAUCETS, STRAINERS, ETC. REGARDLESS OF PRESENCE ON PLANS. SEE FIXTURE SCHEDULE.
4. ALL EQUIPMENT, MATERIALS, & INSTALLATION SHALL BE GUARANTEED TO BE FREE OF DEFECTS FOR A PERIOD OF ONE (1) YEAR AFTER FINAL ACCEPTANCE OF WORK OR IN ACCORDANCE W/ THE MFG'S STANDARD GUARANTEE, IF LONGER. EXISTING EQUIPMENT IS EXCLUDED FROM WARRANTY REQUIREMENT.
5. THESE DRAWINGS ARE DIAGRAMMATIC & SHOW GENERAL LOCATION & ARRANGEMENT OF ALL MATERIALS & EQUIPMENT. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS BUILDING CONSTRUCTION & ALL OTHER WORK WILL PERMIT.
6. DO NOT SCALE DRAWINGS FOR MEASUREMENT.
7. INFORMATION GIVEN IN SCHEDULES INCLUDES BOTH DESCRIPTION OF PRODUCT & MFG'S MODEL NUMBER. IF CONFLICT IS PRESENT BETWEEN DESCRIPTION & MODEL NUMBER, EQUIPMENT DESCRIPTION SHALL TAKE PRECEDENT. IN CASE OF CONFLICT BETWEEN THE PLANS & NOTES/ SPECIFICATIONS OR CONFLICT BETWEEN INFORMATION PRESENTED ON THE PLANS OR IN THE NOTES/SPECIFICATIONS, THEN THE MOST RESTRICTIVE SHALL TAKE PRECEDENT.
8. BEFORE BID P.C. IS RESPONSIBLE FOR CLARIFYING W/ G.C. ANY CONFUSION IN REGARDS TO RESPONSIBILITY OF WORK TO BE PERFORMED OR MATERIALS TO BE PROVIDED. THE SUBMITTAL OF THE BID BY THE CONTRACTOR WILL BE HELD AS PROOF THAT THE CONTRACTOR UNDERSTANDS THOROUGHLY & COMPLETELY THE SCOPE OF THE WORK INVOLVED, & HAS INCLUDED ON THE BID ALL THE NECESSARY ITEMS TO CARRY OUT THIS SECTION OF WORK.
9. AS SOON AS POSSIBLE (& NOT MORE THAN 30 DAYS) AFTER CONTRACT IS SIGNED, THE P.C. SHALL PROVIDE SUBMITTALS OF PLUMBING EQUIPMENT HE/SHE INTENDS TO PURCHASE FOR REVIEW & COMMENT BY THE ENGINEER. ENGINEER IS TO APPROVE SUBMITTALS BEFORE EQUIPMENT IS ORDERED.
10. ALL QUESTIONS MUST BE SUBMITTED IN RFI FORMAT TO THE ARCHITECT & MUST BE ADDRESSED BY THE APPROPRIATE DESIGNER OF RECORD PRIOR TO BECOMING A PROPOSED CHANGE ORDER.
11. P.C. IS TO REVIEW COMPLETE DRAWING SET. P.C. IS RESPONSIBLE FOR WORK EXPLICITLY SHOWN & WORK IMPLIED. UNLESS OTHERWISE NOTED, FINAL PLUMBING CONNECTION TO ALL EQUIPMENT, FIXTURES, ETC. IS THE RESPONSIBILITY OF THE P.C..

II. DIVISION OF WORK:

1. ALL ROOF PENETRATIONS, FLASHING, ETC. ARE TO BE PERFORMED BY ROOFING CONTRACTOR.
2. ALL LOW VOLTAGE WIRING RELATED TO PLUMBING EQUIPMENT & SYSTEMS IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. ALL HIGH VOLTAGE CONNECTIONS TO PLUMBING EQUIPMENT, INCLUDING DISCONNECTS, TO BE PROVIDED & INSTALLED BY E.C.
3. G.C. TO BE RESPONSIBLE FOR PROVIDING & INSTALLING ANY ACCESS DOORS RELATED TO PLUMBING SYSTEM (W/ EXCEPTION OF CLEANOUT COVERS, BY P.C.). P.C. RESPONSIBLE FOR COMMUNICATING TO G.C. SIZE & LOCATION OF REQUIRED ACCESS DOOR(S).
4. PLUMBING CONTRACTOR IS TO EMPLOY THE SERVICES OF THE G.C. FOR CUTTING & PATCHING OF WALLS, FLOORS, & CEILINGS RELATED TO THE INSTALLATION OF PLUMBING EQUIPMENT & SYSTEMS.
5. G.C. TO BE RESPONSIBLE FOR PROVIDING & INSTALLING ANY WATER HEATER PLATFORMS, EITHER FLOOR/WALL MOUNTED OR SUSPENDED. P.C. TO COMMUNICATE REQUIREMENTS TO G.C.

III. MATERIALS:

1. ALL MATERIALS SHALL BE NEW UNLESS OTHERWISE SHOWN OR SPECIFIED.
2. ALL MATERIALS INSTALLED IN RETURN PLENUM ARE TO BE PLENUM RATED.
3. ALL EXTERIOR EQUIPMENT, DEVICES, & MATERIALS SHALL BE RATED FOR USED IN A 160 MPH WIND ZONE.
4. PIPING MATERIALS & FITTINGS SHALL BE AS FOLLOWS:
   WASTE & VENT (ABOVE & BELOW SLAB):
   PVC PIPE, PVC SOCKET FITTINGS, & SOLVENT-CEMENTED FITTINGS. PROVIDE CAST IRON, PLENUM WRAPPED PVC OR OTHER APPROVED MATERIALS IN RETURN PLENUM.
   DOMESTIC WATER (BELOW SLAB):
   TYPE 'K' COPPER.
   OR
   CONTINUOUS PEX.
   DOMESTIC WATER (ABOVE SLAB):
   TYPE 'L' COPPER W/ SWEATED SOCKET FITTINGS. THREADED FITTINGS MAY BE USED AT VALVES, FIXTURES, & SIMILAR.
   OR
   CPVC PIPING W/ SOLVENT-CEMENTED FITTINGS. THREADED FITTINGS MAY BE USED AT VALVES, FIXTURES, & SIMILAR. PROVIDE PLENUM-RATED CPVC OR PLENUM WRAP IF USED IN RETURN PLENUM.
   OR
   PEX PIPING W/ FLARED OR MECHANICAL JOINTS/FITTINGS. DO NOT USE IN EXPOSED AREAS. DO NOT USE IN RETURN PLENUMS.
   STORM PIPING (ABOVE & BELOW SLAB):
   PVC PIPE, PVC SOCKET FITTINGS, & SOLVENT-CEMENTED FITTINGS.
5. FOR AUTOMATIC-CIRCULATING HOT WATER SYSTEMS, PIPING SHALL BE INSULATED W/ 1" OF INSULATION HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU-IN/HR x FT² x °F. THE FIRST 8' OF PIPING IN NON- CIRCULATING SYSTEMS SERVED BY EQUIPMENT W/OUT INTEGRAL HEAT TRAPS SHALL BE INSULATED W/ 0.5" OF MATERIAL HAVING A CONDUCTIVITY NOT EXCEEDING 0.27 BTU •IN/HR x FT² x °F. (2020 FLECC C404.4)
   ALL CIRCULATING SERVICE HOT WATER PIPING SHALL BE INSULATED TO AT LEAST R-2. CIRCULATING HOT WATER SYSTEMS SHALL INCLUDE AN AUTOMATIC OR READILY ACCESSIBLE MANUAL SWITCH THAT CAN TURN OFF THE HOT WATER CIRCULATING PUMP WHEN THE SYSTEM IS NOT IN USE. (2020 FLECC R403.5)
6. INSULATION IS REQUIRED ON ALL ROOF DRAIN BODIES & PIPING (ABOVE SLAB). 1/2" THICK RIGID MOLDED FIBERGLASS W/ FITTINGS INSERTS, PVC COVERS, & VAPOR BARRIER JACKET.
7. PROVIDE HANGERS & SUPPORTS APPROVED FOR USE PER FLPC.
8. ANY PLUMBING FIXTURES W/ A COMMON SHUT-OFF VALVE (I.E. PRE-RINSE, KITCHEN SINK, MOP SINK) ARE TO INCLUDE A CHECK VALVE ON THE HOT & COLD WATER VALVES TO PREVENT INTERCONNECTION OF HOT & COLD WATER LINES.

IV. COORDINATION:

1. BEFORE BEGINNING WORK, INVERT ELEVATIONS SHALL BE ESTABLISHED. P.C. IS TO ENSURE PROPER SLOPES OF ALL WASTE & STORM PIPING CAN BE MAINTAINED. CONTACT ENGINEER IMMEDIATELY IF PROBLEM/ISSUE IS DISCOVERED.
2. P.C. TO COORDINATE LOCATION OF ALL ROOF PENETRATIONS W/ ROOFING CONTRACTOR & MECHANICAL CONTRACTOR. P.C. & M.C. TO COORDINATE TO ENSURE NO PLUMBING VENTS ARE LOCATED WITHIN 10' OF ANY OUTSIDE AIR INTAKES.
3. P.C. TO COORDINATE W/ G.C. & ARCH PLANS TO ENSURE NECESSARY BACKING/SUPPORTS ARE INSTALLED TO ALLOW INSTALLATION OF PLUMBING FIXTURES.
4. THE PLUMBING CONTRACTOR SHALL COORDINATE CLOSELY W/ ALL OTHER TRADES TO AVOID CONFLICT & ENSURE OTHER TRADES PROVIDE MEASURES TO ACCOMMODATE PLUMBING WORK (I.E. ACCESS DOORS, SLAB/WALL/ROOF OPENINGS, ELECTRICAL CONNECTIONS, ETC.)
5. PIPING SHOULD BE COORDINATED W/ ALL STRUCTURAL FOOTINGS & FOUNDATIONS. PIPE SHOULD BE OFFSET TO AVOID CONTACT W/ FOOTINGS & FOUNDATION WALLS. IF PIPING MUST RUN UNDER A FOOTING OR THROUGH A FOUNDATION WALL, THE PIPE MUST BE INSTALLED W/ A RELIEVING ARCH OR IN A PIPE SLEEVE PER FLPC 305.3.
6. P.C. TO REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF PLUMBING FIXTURES.

V. EXECUTION:

1. P.C. TO FOLLOW MFG'S INSTRUCTIONS WHEN INSTALLING PLUMBING EQUIPMENT. ENSURE REQUIRED MAINTENANCE ACCESS & CLEARANCES ARE MAINTAINED. IF CONFLICT EXISTS BETWEEN THESE PLANS & MFG'S INSTRUCTIONS, CONTACT ENGINEER.
2. P.C. RESPONSIBLE FOR EXECUTING ALL CODE REQUIRED TESTS & INSPECTIONS, INCLUDING BUT NOT LIMITED TO, LEAK & PRESSURE TESTING OF WASTE, VENT, & WATER PIPING, & SANITIZING OF WATER PIPING.
3. WATER SERVICE & BUILDING SEWER PIPING MUST BE SEPARATED PER FLPC 603.2.
4. ENSURE PIPING LOCATED ON EXTERIOR WALLS (OR OTHER WALLS EXPOSED TO FREEZING CONDITIONS) IS INSTALLED ON WARM-SIDE OF WALL INSULATION PER FLPC 305.4.
5. ALL WATER PIPING INSTALLED BELOW GRADE TO BE PROTECTED AGAINST FREEZING BY BURYING NOT LESS THAN 6" BELOW THE FROST LINE OR NOT LESS THAN 12" BELOW FINISHED GRADE, WHICHEVER IS GREATER PER FLPC 305.4.
6. A 14 AWG INSULATED COPPER WIRE IS TO BE PROVIDED ON ALL PLASTIC PIPE FROM THE CLEANOUT AT THE BUILDING DRAIN/BUILDING SEWER CONNECTION TO ALL POINTS DOWNSTREAM PER FLPC 306.2.4.
7. ANY NOTCHING, DRILLING, BORING, OR OTHER ALTERATION TO BUILDING STRUCTURE SHALL BE PERFORMED IN A CODE APPROVED METHOD & NOT THREATEN THE INTEGRITY OF THE BUILDING STRUCTURE.
8. SUPPORT ALL PIPING IN ACCORDANCE W/ FLPC. ANY SUSPENDED MATERIALS SHALL BE DIRECTLY SUPPORTED BY THE BUILDING STRUCTURE. DO NOT ATTACH ANYTHING TO THE ROOF DECK.
9. PROVIDE A U.L. LISTED ASSEMBLY FOR ALL PENETRATIONS THRU FIRE RATED WALLS, FLOORS, & CEILINGS.
10. PENETRATIONS OF ALL EXTERIOR WALLS, FLOORS, & CEILINGS SHALL BE SEALED IN AN AIR TIGHT MANNER & IN ACCORDANCE W/ 2020 FLECC.
11. CLEANOUT PLUGS SHALL BE INSTALLED IN ACCORDANCE W/ PLUMBING CODE REQUIREMENTS. PROVIDE CLEANOUTS AS PLANS INDICATED & AT THE BASE OF ALL WASTE STACKS, AT EVERY FOUR 45 DEGREE TURNS IN SERIES (W/ ONE 90° ELBOW COUNTING AS TWO 45° BENDS), AT EVERY 100 FEET, & AT THE BASE OF ALL ROOF LEADERS. CLEANOUTS SHALL BE PLACED IN READILY ACCESSIBLE LOCATIONS.
12. SUPPLY BRANCH LINES SERVING MORE THAN ONE (1) FIXTURE SHALL INCLUDE SHUT-OFF VALVE. LABEL VALVE & LOCATE AS CLOSE TO RISER/MAIN AS POSSIBLE. (FLPC 606.2.1)
13. VALVES NOT DIRECTLY AT EQUIPMENT SHALL BE LABELED INDICATING THE FIXTURE OR AREA SERVED. (FLPC 606.4)
14. PROVIDE SHUT-OFF VALVES ON THE FIXTURE SUPPLY TO EACH PLUMBING FIXTURE, APPLIANCE, OR MECHANICAL EQUIPMENT.
15. WATER HEATER SHALL BE FILLED W/ WATER & PURGED AS SOON AS INSTALLED OR IN NO EVENT LATER THAN GAS/ELECTRIC HOOK-UP.
16. COPPER PIPING SHALL BE PROTECTED AGAINST CONTACT W/ MASONRY OR DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS, & CLIPS SHALL BE COPPER OR COPPER PLATED. WHERE COPPER PIPING IS CARRIED ON IRON TRAPEZE HANGERS W/ OTHER PIPING, SATISFACTORY & PERMANENT ELECTROLYTIC ISOLATION MATERIAL SHALL PROTECT THE COPPER AGAINST CONTACT W/ OTHER METALS.
17. WHERE COPPER PIPING IS SLEEVED THROUGH MASONRY, SLEEVES SHALL BE COPPER OR RED BRASS. WHERE COPPER MUST BE CONCEALED IN A MASONRY PARTITION OR AGAINST MASONRY, CONTACT SHALL BE PREVENTED BY COATING THE COPPER HEAVILY W/ ASPHALTIC ENAMEL & PROVIDING 15# ASPHALT SATURATED FELT BETWEEN THE PIPE & MASONRY.
18. ALL PIPE INSULATION SHALL RUN CONTINUOUSLY THROUGH FLOORS, WALLS, & PARTITIONS. PIPE INSULATION SHALL BE MITERED AT ELBOWS & TEES TO ENSURE COMPLETE COVERAGE OF PIPING.
19. VACUUM BREAKERS SHALL BE PROVIDED FOR ALL FIXTURES TO WHICH HOSES MAY BE ATTACHED. VACUUM BREAKERS SHALL BE PERMANENTLY ATTACHED.
20. THE PLUMBING CONTRACTOR SHALL PROVIDE WATER HAMMER PROTECTION ON ALL WATER DISTRIBUTION PIPING SERVING EQUIPMENT W/ QUICK CLOSING VALVES (ICE MAKERS, DISHWASHERS, FLUSH VALVES, WASHING MACHINES, WATER COOLERS, ETC.) SEE SHOCK ARRESTOR SCHEDULE.
21. ACCESS DOORS TO BE PROVIDED FOR ALL VALVES & DEVICES REQUIRING ACCESS WHEN LOCATED IN WALLS OR ABOVE INACCESSIBLE CEILING CONSTRUCTION. ACCESS DOORS TO BE RATED WHERE INSTALLED IN RATED ASSEMBLIES.
22. P.C. IS TO ENSURE THAT THEIR INSTALLATION OF NEW CONDUITS, PIPES, DUCTWORK, & SIMILAR DOES NOT BLOCK ACCESS TO NEW OR EXISTING AREA EQUIPMENT & THAT THE FORE MENTIONED DOES NOT INTERFERE W/ THE REQUIRED SERVICE CLEARANCE OF NEW OR EXISTING EQUIPMENT. COORDINATE W/ OTHER TRADE CONTRACTORS & CONTACT ENGINEER IF UNCERTAINTY EXISTS REGARDING EQUIPMENT SERVICE CLEARANCE REQUIREMENTS.
23. THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PLUMBING EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.). UPON COMPLETION OF WORK, THE PLUMBING CONTRACTOR SHALL CLEAN, WASH, ETC. ALL ITEMS & EQUIPMENT WITHIN HIS SCOPE OF WORK & LEAVE ALL ITEMS BRIGHT & CLEAN.
24. NO INSULATION PERMITTED ON BACKFLOW PREVENTER ASSEMBLY.
29. PROVIDE PRESSURE REDUCING VALVE IF INCOMING WATER PRESSURE EXCEEDS 80 PSI.
30. ALL EXTERIOR EQUIPMENT, DEVICES, & MATERIALS SHALL BE INSTALLED & BRACED TO WITHSTAND A 160 MPH WIND.

PLUMBING FIXTURE SPECIFICATIONS AND CONNECTION SCHEDULE

MARK	FIXTURE	TYPE	MANUFACTURER	MODEL NO.	MATERIAL	STYLE	FAUCET/VALVE				DRAIN		SUPPLIES AND STOPS	PIPE SIZES				MOUNTING	REMARKS
							MANUFACT. MODEL NO.	SPOUT	HANDLES	CENTERS	TYPE	SIZE		WASTE	VENT	CW	HW		
P-1	WATER CLOSET	FLUSH TANK	PROFLO	PF5112HE	VITREOUS CHINA	STANDARD ELONGATED	-	-	-	-	-	-	BRASSCRAFT OCR1912DL	3"	2"	½"	—	FLOOR	PROVIDE CLOSED FRONT SEAT WITH LID. RIM HEIGHT = 15"
P-1A	WATER CLOSET	FLUSH TANK	AMERICAN STANDARD	238AA.114	VITREOUS CHINA	ADA ELONGATED	-	-	-	-	-	-	BRASSCRAFT OCR1912DL	3"	2"	½"	—	FLOOR	PROVIDE CLOSED FRONT SEAT WITH LID. RIM HEIGHT = 16.5"
P-1B	WATER CLOSET	FLUSH TANK	KOHLER	K-5172	VITREOUS CHINA	ADA ELONGATED	-	-	-	-	-	-	BRASSCRAFT OCR1912DL	3"	2"	½"	—	FLOOR	PROVIDE OPEN FRONT SEAT WITH NO LID. RIM HEIGHT = 16.5"
P-1C	WATER CLOSET	FLUSH TANK	AMERICAN STANDARD	270AA.101	VITREOUS CHINA	ADA ELONGATED	-	-	-	-	-	-	BRASSCRAFT OCR1912DL	3"	2"	½"	—	FLOOR	PROVIDE OPEN FRONT SEAT WITH NO LID. RIM HEIGHT = 16.5"
P-2	LAVATORY	DROP IN	AMERICAN STANDARD	0476.028	VITREOUS CHINA	STANDARD COUNTER TOP	PFISTER G143-610K	CENTER	LEVER	4" 3-HOLE	POP-UP	1½"	BRASSCRAFT OCR1912A	2"	1½"	½"	½"	COUNTER	1.5 GPM.
P-2A	LAVATORY	DROP IN	AMERICAN STANDARD	0476.028	VITREOUS CHINA	ADA COUNTER TOP	PFISTER G143-610K	CENTER	LEVER	4" 3-HOLE	POP-UP	1½"	BRASSCRAFT OCR1912A	2"	1½"	½"	½"	COUNTER	1.5 GPM. BARRIER FREE.
P-2B	LAVATORY	VESSEL	SIGNATURE HARDWARE	SKU: 930337	MARBLE	ADA	VIGO VG03009	CENTER	AUTO	SINGLE HOLE	GRID	1½"	BRASSCRAFT OCR1912A	2"	1½"	½"	½"	COUNTER	W/ 0.5GPM AERATOR BARRIER FREE.
P-2C	LAVATORY	WALL MOUNT	AMERICAN STANDARD	0355.012	VITREOUS CHINA	ADA D-SHAPE	CFG 40717	CENTER	LEVER	4" 3-HOLE	GRID	1½"	BRASSCRAFT OCR1912A	2"	1½"	½"	½"	WALL	W/ WALL BRACKET, 0.5 GPM, MOUNT AT ADA HEIGHT.
P-4	SHOWER/TUB (60 x 36)	STANDARD	STERLING	71121112	APPLIED ACRYLIC	ONE-PIECE	PFISTER LJ80-030K	-	LEVER	-	POP-UP	2"	-	2"	1½"	½"	½"	-	W/ 1.75 GPM FLOW RESTRICTOR. W/ TUB SPOUT, TILE WALLS BY G.C.. SHOWER VALVE LIMITED TO 120°F.
P-4A	SHOWER/TUB (60 x 36)	ADA	AQUATIC	2603SMTE	GELCOATED	ONE-PIECE	DELTA T17438	-	LEVER	-	POP-UP	2"	-	2"	1½"	½"	½"	-	HANDHELD SHOWER. W/ TUB SPOUT, TILE WALLS BY G.C.. SHOWER VALVE LIMITED TO 120°F.
P-5	SHOWER (60 x 34)	SHOWER BASE	STERLING	72131100	VIKRELL	STANDARD	OLYMPIA T-2370	-	LEVER	-	FLOOR (AFR)	2"	-	2"	1½"	½"	½"	-	W/ 1.75 GPM SHOWER HEAD. TILE WALLS BY G.C.. SHOWER VALVE LIMITED TO 120°F.
P-5B	SHOWER HEAD	-	-	-	-	ADA	SYMMONS S-4702	-	LEVER	-	FLOOR	2"	-	2"	1½"	½"	½"	FLOOR	TILED SHOWER BY G.C. W/ HAND SHOWER & SLIDE BAR. COORD. SEAT & BARS W/ ARCH. 2.5GPM . SHOWER VALVE LIMITED TO 120°F.
P-6	SINK (26" x 16")	UNDER MOUNT	MR	2920S	STAINLESS STEEL	SINGLE BOWL	OLYMPIA K-5020	CENTER	LEVER	SINGLE HOLE	CRUMB CUP	1½"	BRASSCRAFT OCR1912A	2"	1½"	2"	2"	COUNTER	BOWL DEPTH = 9-3/8" W/ PULL DOWN SPRAYER. 1.8 GPM
P-6A	SINK (27" x 16")	UNDER MOUNT	MR	2905S	STAINLESS STEEL	ADA 1-BOWL	PROFLO PFXC4012CP	CENTER	LEVER	SINGLE HOLE	CRUMB CUP	1½"	BRASSCRAFT OCR1912A	2"	1½"	2"	2"	COUNTER	BOWL DEPTH = 5-5/8" W/ PULL DOWN SPRAYER. 1.8 GPM
P-7	WASHER BOX	SUPPLY BOX	OATEY	-	PVC	PLASTIC, RECESSED	-	-	-	-	-	-	-	2" V 3" H	1½"	½"	½"	WALL	MATCH PIPING MATERIALS. W/ QTR TURN VALVE & SHOCK ARRESTORS. W/ FACEPLATE. W/ TAIL PIECE.
P-8	VALVE BOX	SUPPLY BOX	OATEY	-	POLYSTYRENE	PLASTIC, RECESSED	-	-	-	-	-	-	-	–	–	½"	—	WALL	MATCH PIPING MATERIALS. W/ QTR TURN VALVE & SHOCK ARRESTOR. W/ FACEPLATE.
P-9	GARBAGE DISPOSAL	UNDER SINK	INSINKERATOR	BADGER 1	-	-	-	-	-	-	-	1½"	-	2"	–	–	–	UNDER SINK	TO BE PROVIDED AT SINK, P-6 & P-6A.
P-10	WATER COOLER	HI-LO	ELKAY	LZWS-LRPBM28K	STAINLESS, VINYL	ADA	-	-	-	-	-	-	BRASSCRAFT G2CR19	1½"	1½"	½"	–	WALL	115V, 1.0 AMPS, HFC-134A. MOUNT AT ADA HEIGHT. W/ HANGER BRACKET. W/ EZH20 BOTTLE FILLER.
P-11	URINAL	WALL HUNG	KOHLER	K-4904-ET	VITREOUS CHINA	ADA TOP-SPUD	KOHLER K-10668	-	-	-	-	-	-	2"	1½"	¾"	—	WALL	SEE ARCH PLAN FOR MTG. HEIGHT. 0.125 GPF. AUTO VALVE (BATTERY POWERED).
P-12	MOP SINK	FLOOR MOUNT	FIAT	MSB2424	MOLDED STONE	ONE-PIECE 24x24	FIAT 830AA (W/ CHECK VALVES)	CENTER	2	8" 2-HOLE	DOME	3"	-	3"	1½"	½"	½"	FLOOR	W/ WALL BRACKET. W/ MOP HANG. W/ HOSE & HOSE BRACKET. W/ VACUUM BREAKER.
FD-1	FLOOR DRAIN	FINISHED FLOOR	ZURN	FD1	PVC	ADJUSTABLE	-	-	-	-	-	-	-	SEE PLAN	–	–	—	FLOOR	W/ DEEP SEAL TRAP. W/ TRAP SEAL, ZURN 1072.
AAV	AIR ADM. VALVE	THREADED	STUDOR	20301	ABS, PVC	MINI-VENT	-	-	-	-	-	-	-	–	SEE PLN	–	—	PIPE	W/ ACCESS COVER (IF REQ'D).
SD	SHOWER DRAIN	FINISHED FLOOR	ZURN	FD1	PVC	ADJUSTABLE	-	-	-	-	-	-	-	SEE PLAN	–	–	—	FLOOR	W/ DEEP SEAL TRAP. W/ STAINLESS STEEL STRAINER. W/ CLAMP COLLAR & WEEP HOLES.
WCO	WALL CLEANOUT	TEE	CHARLOTTE PIPE	PVC-445	PVC	FLUSH PLUG	-	-	-	-	-	-	-	SEE PLAN	–	–	—	WALL	W/ ZURN CO-2530 WALL COVER. W/ PVC PLUG W/ THREADED TAP.
GCO	GRADE CLEANOUT	ADJUSTABLE	ZURN	CO-2450	PVC BODY, NICKEL CVR.	-	-	-	-	-	-	-	-	SEE PLAN	–	–	—	GRADE	W/ CONCRETE PAD.
FCO	FLOOR CLEANOUT	ADJUSTABLE	ZURN	CO-2450	PVC BODY, NICKEL CVR.	FINISHED FLOOR	-	-	-	-	-	-	-	SEE PLAN	–	–	—	FLOOR	
HB-1	HOSE BIB	EXPOSED, ANTI-SIPHON	ZURN	Z1341-BFP	BRONZE	-	-	-	-	-	-	-	-	–	–	½"	–	WALL	W/ VACUUM BREAKER.
HB-2	HOSE BIB	EXPOSED, ANTI-SIPHON	ZURN	Z1341-BFP	BRONZE	-	-	-	-	-	-	-	-	–	–	½"	–	WALL	W/ VACUUM BREAKER. LOOSE KEY TYPE.
FPHB	HOSE BIB	EXPOSED, ANTI-SIPHON	WOODFORD	MODEL 24	BRONZE	-	-	-	-	-	-	-	-	–	–	½"	–	WALL	VERIFY WALL DEPTH. W/ VACUUM BREAKER. LOOSE KEY TYPE.
HD	HUB DRAIN	FUNNEL	ZURN	Z326	CAST IRON	THREADED	-	-	-	-	-	-	-	SEE PLAN	–	–	—	FLOOR	
YHD	YARD HYDRANT	ENCASED	SIMMONS	MODEL 5800LF	GALVANIZED STEEL	-	-	-	-	-	-	-	-	–	–	½"	–	GRADE	COORD. W/ SITE CONDITIONS.
BFP-1	BACK FLOW PREVENTER	RED. PRESS. ZONE	WATTS	LF909QT	LEAD-FREE, BRONZE	HORIZONTAL	-	-	-	-	-	-	-	–	–	1"	—	WALL	W/ STRAINER. PROVIDE REQ'D CLEARANCES. W/ TEST PORTS & ISO VALVES. DRAIN W/ AIR GAP.
WH-1	WATER HEATER	ELECTRIC	STATE WATER HEATERS	EN6 40 DOLS	GLASS LINED	LOWBOY	-	-	-	-	-	-	-	–	–	¾"	¾"	PLATFORM	38 GALLON, 4.5KW, 208V/1Ø. 23 GPH @ 80°F RISE. SET TO 140°F, W/ TV-2. SEE DETAIL.
WH-2	WATER HEATER	ELEC. INST.	EEMAX	SP3208	-	UNDERSINK	-	-	-	-	-	-	3/8" FLEX	–	–	½"	–	WALL	W/ 0.5 GPM FLOW RESTRICTOR. 41°F RISE. 3.0 KW, 208V/1Ø. SET TO 110°F.

NOTES:
1. ALL FIXTURE COLORS & FINISHES TO BE APPROVED BY OWNER & ARCHITECT BEFORE PURCHASING.
2. PROVIDE P-TRAP AND SUPPLY LINE SAFETY COVERS FOR ALL ADA SINK AND LAVATORY INSTALLATIONS.
3. WATER CLOSET HANDLES TO BE LOCATED ON "WIDE SIDE" OF STALL FOR ADA FIXTURES.
4. SEE DETAIL SHEET FOR ADDITIONAL ITEMS TO BE PROVIDED/INSTALLED W/ FIXTURES LISTED ABOVE.

1. All drawings are to be coordinated with all site information by owner and contractor, and applicable codes.
2. Contractor is to notify architect immediately of conditions or items varying from depicted information.
3. Planworx Architecture, P.A. is not responsible for constructed variations from the information depicted.
4. Planworx Architecture, P.A. will not assume any liability for expenses associated with errors and omissions on these drawings unless offset by verified construction savings as a result of planworx architecture, P.A. Design.
5. Planworx Architecture, P.A. retains ownership of all of designs depicted and implied herein.
6. Planworx Architecture, P.A. is not responsible for estimating, maintaining, or regulating construction costs associated with these plans.

© Copyright 2021 - PLANWORX ARCHITECTURE, P.A. All rights reserved. Reproduction of this sheet, in whole or in part, is strictly prohibited. Plans may be used once by client. Unauthorized use strictly prohibited. PLANS NOT VALID FOR CONSTRUCTION W/O APPROPRIATE PROFESSIONAL SEALS.

11/17/2021 2:55 PM
PLN-21037-P001.DWG

PLANWORX
ARCHITECTURE
5711 SIX FORKS ROAD, SUITE 100
RALEIGH NC 27609
website www.planworx.com

JACK L. TOMLIN LICENSE No. 79002 STATE OF FLORIDA PROFESSIONAL ENGINEER

Digitally signed by Zack L. Tomlin, PE
DN: cn=Zack L. Tomlin, PE, o=Maple Engineering, PLLC, ou=Zack L. Tomlin, State of Florida, Professional Engineer, License No. 79002. This item has been digitally signed and sealed by Zack L. Tomlin, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies., email=ZLT@maple-eng.com, c=US
Date: 2021.11.17 16:38:10 -05'00'

Oasis at Surfside - Phase II
Zimmer Development Company
Cape Coral, Florida
PERMIT SET

MAPLE
ENGINEERING, PLLC
708 ST. MARYS ST
RALEIGH, NC 27605
P:919-341-4247
LIC.#: P-0990
F:919-890-3797
PLUMBING MECHANICAL ELECTRICAL

PROGRESS DATE:
ISSUE DATE: 11/17/21

REVISIONS NUMBER	DATE	INITIALS	DESCRIPTION

PROJECT NO: 002221
DRAWN BY: CWH
CHECKED BY: ZLT

SHEET TITLE:
PLUMBING SCHEDULES NOTES AND LEGEND

SHEET NUMBER:
P0.01

© 2021 MAPLE ENGINEERING, PLLC EXPRESSLY RESERVES ITS COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER, NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION AND CONSENT OF MAPLE ENGINEERING, PLLC.