

**FOG 2.0 RER-DERM**

**Hydromechanical FOG Control Device (H-FCD)**

Required Information	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4
Capacity (gpm)	100			
FOG Load Capacity (lbs) at 99% Efficiency	6,237			
Manufacturer	SCHIER			
Model No.	GB-1000-SV24-L4			
3 <sup>rd</sup> Party Certifier (i.e., FDI, CSA, ASME)	ASME			
Interceptor Monitoring Alarm Model No.				
Interceptor Monitoring Device Model No.				
Solid Separator Make and Model	STRIEM CB-275-SFL			

Updated: 4/26/2018

DERM's FOG Control Device (FCD) Installation Inspection Required Prior to Plumbing Final for all Municipal projects. Failure to secure DERM's FCD Installation Inspection will result in disapproval of final inspection by the Municipal Building Official, pursuant to Section 24.42-6, MDC Code. To schedule DERM's FCD Installation Inspection for Municipal projects please send an email to: iFOG2@miamidade.gov, 24 hours prior to desired date. Provide: DERM plans process M-number, complete address of the site, folio number, and contact person name and phone number.

**PLUMBING GENERAL NOTES**

- 1. THE EQUIPMENT ROUGH-INS AND THEIR DIMENSIONED LOCATIONS FOR ALL CONNECTIONS ARE ACCURATE TO THE BEST OF OUR KNOWLEDGE. IN SOME INSTANCES, THE OWNER OR EQUIPMENT SUPPLIER MAY MAKE SUBSTITUTIONS OR TRY FROM WHAT IS SHOWN. THEREFORE, THESE ITEMS AND DIMENSIONS SHALL BE VERIFIED WITH THE EQUIPMENT SUPPLIER OWNER AND/OR ROUGH-IN DRAWINGS PRIOR TO CONSTRUCTION. OF ANY DEVIATIONS FROM WHAT IS SHOWN OR IMPLIED ON THESE DRAWINGS, FAILURE OF THE APPROPRIATE CONTRACTOR TO VERIFY ROUGH-INS OR THEIR LOCATIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION AND/OR ADDITIONAL WORK DIRECTLY UPON THE CONTRACTOR.
- 2. CONTRACTOR SHALL SUPPLY TO THE ARCHITECT SIX (6) COPIES OF SHOP DRAWINGS FOR APPROVAL SO THE QUALITY OF THE INTENDED EQUIPMENT, FITTINGS OR MATERIALS CAN BE REVIEWED BEFORE INSTALLATION. THERE SHALL BE NO DRAWING UNIT, SHOP DRAWINGS HAVE BEEN SUBMITTED AND REVIEWED BY THE ARCHITECT/ENGINEER.
- 3. DO NOT SCALE THIS DRAWING. REFER TO ARCHITECTURAL FLOOR PLANS FOR BUILDING DIMENSIONS.
- 4. THE SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS FAMILIARIZED HIMSELF WITH THE PLANS AND BUILDING SITE. CLAIMS MADE SUBSEQUENT TO THE PROPOSAL, FOR MATERIALS AND LABOR BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED IF THEY COULD HAVE BEEN FORESEEN HAD PRIOR EXAMINATION BEEN MADE.
- 5. VERIFY SERVICE POINTS AND METERING LOCATIONS FOR PROHIBITED WITH LOCAL UTILITIES AND/OR LANDLORD (DOMESTIC WATER, GAS, SANITARY SEWER, GREASE INTERCEPTOR LOCATION, ETC.)
- 6. THE CONTRACTOR SHALL COOPERATE FULLY AMONG THE TRADES.
- 7. ALL ROOF PENETRATIONS FOR ROOF DRAIN PLUMBING, GAS, REFRIGERANT OR WATER PIPING SHALL BE MADE IN ACCORDANCE WITH ROOF SYSTEM MANUFACTURER'S GUIDELINES. COORDINATE WITH ARCHITECTURAL DETAILS AND/OR LANDLORD FOR ROOF SYSTEM USED.
- 8. ALL WATER PIPING SYSTEMS SHALL BE FLUSHED AND TESTED IN ACCORDANCE WITH LOCAL REGULATIONS AND/OR PER CODE.
- 9. THE POTABLE WATER SUPPLY SHALL BE PROTECTED AGAINST BACKFLOW AND SPILLAGE. BOTH NATURAL AND INDUCED. ALL EQUIPMENT CONNECTED TO THE POTABLE WATER SYSTEM BEING CAPABLE OF POLLUTING OR CONTAMINATING THE POTABLE WATER DISTRIBUTION SYSTEM OR ANY PART THEREOF BY MEANS OF A REVERSAL OF FLOW. PRESSURE DROP, PRESSURE LOSS, INDUCED VACUUM OR BY NJECTION BECAUSE OF ANY PRIMARY OR SECONDARY PUMPING SYSTEM CONNECTED THERETO. MUST BE ISOLATED AND CONTAINED BY MEANS OF APPROVED BACKFLOW DEVICES. CHECK INSTALLATION AND LABOR SHALL BE AS FOLLOWS: A. APPROVED FOR USE BY A.H.J. ANY PIPING EXPOSED WITHIN THE INTERIOR SPACE (BELOW CEILING, OUTSIDE WALLS, ETC.) SHALL BE TYPE 1/2" COPPER AS INDICATED ABOVE.
- 10. THE HOT, TEMPERED AND COLD WATER SUPPLY BRANCHES FOR ALL EQUIPMENT HAVING QUICK CLOSING VALVES OF ANY TYPE SHALL HAVE THE WATER HANDBAR INSTALLATED AT THE HIGH POINT OF EACH BRANCH. AIR CHAMBERS ARE NOT ACCEPTABLE.
- 11. FURNISH AND INSTALL SHUTOFF OR BALL VALVE AND ELECTRICAL UNION ON ALL EQUIPMENT HOT, COLD OR TEMPERED WATER PIPING. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. COORDINATE WITH EQUIPMENT SUPPLIER FOR EXACT REQUIREMENTS. PROVIDE UNIONS OF SAME PRESSURE RATING AS EQUIPMENT TO ALLOW REMOVAL OF PIPE, EQUIPMENT, ETC. WITHOUT DAMAGE TO OTHER PARTS OR SYSTEMS.
- 12. FURNISH AND INSTALL 1/2" MINIMUM FIBERGLASS INSULATION WITH ALL SERVICE MACKET ON ALL HOT, TEMPERED, COLD AND REGULATING WATER PIPING ABOVE SLAB AND CONDENSATE PIPING FROM MECHANICAL UNITS.
- 13. WATER PIPING AND FITTINGS SHALL BE COPPER OR BRASS PER CODE. ABOVE GROUND PIPING SHALL BE TYPE 1/2" COPPER. JOINTS SHALL BE MADE WITH 95-5 SOLDER OR EQUAL. WATER PIPING AND FITTINGS SHALL BE COPPER OR BRASS PER CODE. ALTERNATIVES: IF APPROVED BY CODE AND A.H.J. SHALL INCLUDE ALLOWED AND SCHEDULE 40 OR 80 COMPUND AS DEFINED AND DESCRIBED IN SECTION 40. SCHEDULE 40 OR 80 COMPUND AS DEFINED AND DESCRIBED IN SECTION 40. SPECIFIC TO COPIED BY CODE. CONTRACTOR SHALL INSTALL ALL 4" SOLID WASTE AND GREASE WASTE PIPING WITH A MINIMUM SLOPE OF 1/8" PER FOOT OR AS REQUIRED BY CODE.
- 14. PROVIDE APPROVED AND TESTED GAS PIPING IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- 15. PROVIDE APPROVED AND TESTED GAS PIPING IN ACCORDANCE WITH LOCAL REQUIREMENTS.
- 16. VERIFY MOUNTING HEIGHTS OF ALL BARBERS REE FIXTURES WITH ARCHITECTURAL DRAWINGS.
- 17. FURNISH AND INSTALL CONDENSATE PIPING FROM ANY MECHANICAL EQUIPMENT AS REQUIRED. ANY CONDENSATE PIPING INSTALLED ABOVE A CEILING OR IN A LOCATION WHERE THE PIPE SWEAT/LEAK COULD CAUSE DAMAGE SHALL BE INSULATED. PIPE FULL SIZE TO ABOVE DRAIN OR AS INDICATED ON THE PLANS. TURN DOWN ABOVE AN APPROVED DRAIN AND MAINTAIN REDUCED SLOPE.
- 18. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL 1/2" COPPER OR BRASS PER CODE. UNLESS A LARGER SIZE IS INDICATED BY EQUIPMENT DISCHARGE OPENING OR EQUIPMENT SUPPLIER. PIPING SHALL COMPLY WITH STATE AND LOCAL CODES. COORDINATE WITH ALL EQUIPMENT SUPPLIERS AND PROVIDE PROTECTIVE SLEEVES FOR PENETRATIONS THROUGH THE FOUNDATION TIGHT TO WALL OR UNDER CASEWORK WHERE APPLICABLE. PROPERLY SECURE AND LABEL ALL EQUIPMENT AND CASEWORK. SUPPLIER FOR MAXIMUM CLEARANCE UNDER CASEWORK. PROVIDE EQUIPMENT AND DUCTWORK, ELECTRICAL EQUIPMENT AND LIGHTING.
- 19. PROVIDE CHROME PLATED ESCUTCHEONS AT ALL WALL PENETRATIONS UNLESS OTHERWISE DIRECTED ON ARCHITECT PLANS.
- 20. SANITARY WASTE AND VENT PIPING SHALL BE CAST IRON. CONTRACTOR MAY USE SCHEDULE 40 OR 80, TYPE 1 GRADE 1 PVC COMPUND AS DEFINED AND DESCRIBED IN SECTION 40. SCHEDULE 40 OR 80 COMPUND AS DEFINED AND DESCRIBED IN SECTION 40. SPECIFIC TO COPIED BY CODE. CONTRACTOR SHALL INSTALL ALL 4" SOLID WASTE AND GREASE WASTE PIPING WITH A MINIMUM SLOPE OF 1/8" PER FOOT OR AS REQUIRED BY CODE.
- 21. PROVIDE APPROVED AND TESTED GAS PIPING IN ACCORDANCE WITH LOCAL REQUIREMENTS.
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- 31. ALL INSTALLED SYSTEMS, DEVICES AND RELATED ITEMS SHALL BE TESTED IN PLACE ON-SITE PER STATE AND LOCAL CODE REQUIREMENTS. RE-AGE ANY AND ALL CONTRACTOR SUPPLIED DEFECTIVE SYSTEMS, DEVICES AND RELATED ITEMS AT CONTRACTOR'S OWN EXPENSE BEFORE COMPLETION OF PROJECT.
- 32. ALL INDIRECT WASTE, WASTE PIPING OR SIMILAR FIXTURE WHICH RECEIVES THE DISCHARGE FROM A DISHWASHER, STEAMER OR SIMILAR PIECE OF EQUIPMENT WHICH PRODUCES WATER AT A TEMPERATURE HIGHER THAN 120° F SHALL BE CAST IRON OR DWT COPPER A MINIMUM OF 10-0 DOWNSTREAM FROM THE SOURCE. OUTLET PRODUCING SUCH DISCHARGE. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
- 33. WHERE JOB CONDITIONS REQUIRE CHANGES FROM THE CONTRACT DOCUMENTS THAT DO NOT CHANGE THE SCOPE OR NATURE OF THE WORK REQUIRED, THE CONTRACTOR SHALL MAKE SUCH CHANGES WITHOUT ADDITIONAL COST TO THE OWNER. NO OTHER CHANGES MAY BE MADE WITHOUT WRITTEN CONSENT OF THE OWNER.
- 34. ALL EQUIPMENT, FIXTURES AND MATERIALS SHALL BE NEW AND UNUSED AND INSTALLED IN STRICT CONFORMANCE TO MANUFACTURER'S RECOMMENDATIONS (UN) PROVIDE COMPLETE WITH ALL TRIM, STOPS, HANGERS, CARRIERS, SUPPORTS, ETC. INCLUDING PROVISIONS FOR BARBERS FREE USE, IF REQUIRED, WHERE FIXTURES ARE ACCESSIBLE. THEY MUST COMPLY WITH ALL FEDERAL, ADA REQUIREMENTS.
- 35. CONTRACTOR SHALL COORDINATE, INSTALL AND TEST ITEMS SPECIFICALLY NOTED AS FURNISHED BY OTHERS. WORK INCLUDES, BUT IS NOT LIMITED TO:
  - A. CONCRETE CUTTING/REMOVAL, TRENCHING, PRE-BEDDING, BACKFILL AND PATCHING
  - B. PIPING FITTINGS AND ESCUTCHEONS AT WALL PENETRATIONS
  - C. COPPER CONDENSATE DRAINS FROM KITCHEN AND MECHANICAL EQUIPMENT
  - D. PLUMBING FIXTURES/ORNAMENTS WITH FAUCETS, DRAINS, TRIM AND SUPPORTS
  - E. WATER HEATERS WITH CONTROLS AND PRESSURE SAFETY RELEASE
  - F. BACKFLOW PREVENTERS AS SPECIFIED AND REQUIRED BY LOCAL CODE
  - G. SHUTOFF VALVES ON WATER AND GAS PIPING FOR EACH BRANCH AND PIECE OF EQUIPMENT
  - H. GAS PIPING
  - I. CUTTING, PATCHING AND WEATHER-PROOFING ROOF AND WALL PENETRATIONS PER ARCHITECTURAL REQUIREMENTS
- 36. CONTRACTOR SHALL GUARANTEE ALL WORK FOR WHICH MATERIALS ARE FURNISHED, FABRICATED OR FIELD ERECTED. ALL FACTORY ASSEMBLED EQUIPMENT FOR WHICH NO SPECIFIC MANUFACTURER'S GUARANTEE IS FURNISHED AND ALL WORK IN CONNECTION WITH THE INSTALLATION OF MANUFACTURER'S GUARANTEED EQUIPMENT. THIS CONTRACTOR'S GUARANTEE SHALL EXIST FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL OWNER ACCEPTANCE OF THE WORK AND SHALL APPLY TO ALL DEFECTS IN MATERIALS AND/OR WORKMANSHIP OF ANY KIND.
- 37. BIDDERS SHALL BE LICENSED CONTRACTORS IN ACCORDANCE WITH STATE AND LOCAL LAWS AND REQUIREMENTS.
- 38. ALL PERMITS AND FEES REQUIRED FOR THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR AND INCLUDED IN THE BID PRICE.
- 39. ALL PLUMBING FIXTURES AND PIPING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF STATE AND LOCAL CODES. COOPERATE AS REQUIRED WITH ALL AUTHORITIES HAVING JURISDICTION (A.H.J.) TO INSURE THAT PROPER MATERIALS AND WORKMANSHIP ARE USED. REQUIREMENTS OF THE STATE AND LOCAL CODES AND A.H.J. TAKE PRECEDENCE OVER ANY INFORMATION WHICH IS INDICATED OR IMPLIED ON THESE DRAWINGS.
- 40. THIS SYMBOL ( ) INDICATES ITEM TO BE FURNISHED BY THE OWNER OR KITCHEN EQUIPMENT SUPPLIER (UN) COORDINATE INSTALLATION AND FINAL CONNECTION REQUIREMENTS WITH THE SUPPLIER. FIELD VERIFY SIZE AND LOCATION OF ALL WATER, WASTE, INDIRECT WASTE, GAS AND/OR ELECTRICAL CONNECTIONS PRIOR TO INSTALLATION (TYPICAL ALL PLUMBING DRAWINGS). REFER TO PLUMBING ROUGH-IN DRAWINGS PROVIDED BY THE KITCHEN EQUIPMENT SUPPLIER FOR MORE INFORMATION.

**PLUMBING FIXTURE SCHEDULE**

MARK	DESCRIPTION	TOILET FIXTURES		
		HOT WATER	COLD WATER	WASTE/ TRAP
WC-1	WATER CLOSET, AMERICAN STANDARD, MADERA "FLOWISE" 3461 000, 16 1/2" HEIGHT, ELONGATED SPHONJET WITH WHITE VTREOUS CHINA EVER-CLEAN SURFACE. PROVIDE WITH SLOAN ROVAL FLUSHMOTOR 111-1.61.6 GPF. SEAT, GLSSONITE #10 HEAVY DUTY, OPEN FRONT, LESS COVER	1"	4"	
WC-1A	WATER CLOSET, AMERICAN STANDARD, MADERA "FLOWISE" 3461 000, 16 1/2" HEIGHT, ELONGATED SPHONJET WITH WHITE VTREOUS CHINA EVER-CLEAN SURFACE. PROVIDE WITH SLOAN ROVAL FLUSHMOTOR 111-1.61.6 GPF. SEAT, GLSSONITE #10 HEAVY DUTY, OPEN FRONT, LESS COVER	1"	4"	
UR-1	URNAL, AMERICAN STANDARD WASHBROOK "FLOWISE" 6550 301, WALL HUNG 0.5 GPF, WHITE VTREOUS CHINA, WASH-OUT FLUSH ACTION. TRIM SLOAN ROVAL 186-6.5 FLUSH VALVE W/80-GARD HANDLE, CARRIER. ZURN Z1222Z W/BOTTOM BEARING PLATE, STANDARD MOUNT. 24" FROM FLOOR TO TOP OF RIM	3/4"	2"	
UR-1A	URNAL, AMERICAN STANDARD WASHBROOK "FLOWISE" 6550 301, WALL HUNG 0.5 GPF, WHITE VTREOUS CHINA, WASH-OUT FLUSH ACTION. TRIM SLOAN ROVAL 186-6.5 FLUSH VALVE W/80-GARD HANDLE, CARRIER. ZURN Z1222Z W/BOTTOM BEARING PLATE, ADA MOUNT. 15 1/4" FROM FLOOR TO TOP OF RIM	3/4"	2"	
LAV-1	LAVATORY, AMERICAN STANDARD 8TUD10 D CARRIE, 426-000-020, UNDERMOUNT TYPE, VTREOUS CHINA, 13 1/2" SQUARE. COORDINATE COLOR WITH OWNER.	1/2"	1/2"	1 1/4"
LAV-2	LAVATORY HANDICAP, AMERICAN STANDARD "LUCERNE" 0355 012 WALL-HUNG TYPE, 20 1/2"X16 1/4", VTREOUS CHINA, FOR CONCEALED ARM SUPPORT, 0.5 GPM FLOW RESTRICTOR/AERATOR AND CHROME PLATED SUPPLIES W/ STOPS, CP ESCUTCHEONS, CP GRID DRAIN CP TRAP W/ INTEGRAL, CLEANOUT HANDICAP OFFSET TAILPECE, TRIM, SINGLE LEVER FAUCET, AMERICAN STANDARD 96-1UNJ1035.05, NO POP-UP DRAIN, CARRIER. ZURN Z1201, MOUNT RIM AT HANDCAP HEIGHT	1/2"	1/2"	1 1/4"
LAV-3	LAVATORY HANDICAP, AMERICAN STANDARD "LUCERNE" 0355 012 WALL-HUNG TYPE, 20 1/2"X16 1/4", VTREOUS CHINA, FOR CONCEALED ARM SUPPORT, 0.5 GPM FLOW RESTRICTOR/AERATOR AND CHROME PLATED SUPPLIES W/ STOPS, CP ESCUTCHEONS, CP GRID DRAIN, CP TRAP W/ INTEGRAL, CLEANOUT HANDICAP OFFSET TAILPECE	1/2"	1/2"	1 1/4"

  

MARK	DESCRIPTION	WATER HEATER		
		HOT WATER	COLD WATER	WASTE/ TRAP
EXP TK	EXPANSION TANK, AMTROL, ST SERIES THERM-X-TROL, ASME MODEL, S-T-5-C, 3/4" CONNECTION, MAXIMUM TANK VOLUME, PRESSURE 150 PSI, 2.1 GALLON TOTAL TANK VOLUME			
WH-1	GAS WATER HEATER, 4-REQUIRED, RINNAI MODEL C1991 EACH WITH MANIFOLD, ELECTRONIC CONTROLS, 15.2 CFM (MNI) TO 798 CFM (MAX), 0.4 TO 39.2 GPM DELIVERY AT 100 DEGREES F, 86 PERCENT EFFICIENCY. INSTALLED WITH (1) MULTI-UNIT CONTROLLER KIT, REQ-MES-4 AND (2) CONNECTION COIL	3/4"	3/4"	

  

MARK	DESCRIPTION	SANITATION FIXTURES		
		HOT WATER	COLD WATER	WASTE/ TRAP
FD-1	FLOOR DRAIN, ZURN Z2510-AR-OF, EPOXY COATED ACD RESISTANT CAST IRON BODY ASSEMBLY, MEMBRANE CLAMP, ADJUSTABLE COLLAR, TYPE "B" POLISHED BRONZE STRAINER, 23X37-0VAL. ROUNEL, FOR 2", 3", OR 4" OUTLET PIPING. TRAP PRIMER CONNECTION WHERE REQUIRED BY CODE			SEE PLANS
FD-2	FLOOR DRAIN, ZURN Z2510-AR-OF, EPOXY COATED ACD RESISTANT CAST IRON BODY ASSEMBLY, MEMBRANE CLAMP, ADJUSTABLE COLLAR, TYPE "B" POLISHED BRONZE STRAINER, 23X37-0VAL. ROUNEL, FOR 2", 3", OR 4" OUTLET PIPING. TRAP PRIMER CONNECTION WHERE REQUIRED BY CODE			SEE PLANS
FD-1	FLOOR DRAIN, ZURN Z2510-AR-OF, EPOXY COATED ACD RESISTANT CAST IRON BODY ASSEMBLY, MEMBRANE CLAMP, ADJUSTABLE COLLAR, TYPE "B" POLISHED BRONZE STRAINER, 23X37-0VAL. ROUNEL, FOR 2", 3", OR 4" OUTLET PIPING. TRAP PRIMER CONNECTION WHERE REQUIRED BY CODE			SEE PLANS
D-1	FLOOR SINK, 18"X12" SLOUX CHEF SQUARE MAX, 861 SERIES PVC BODY WITH STAINLESS STEEL, HALF STRAINER, 981-UM CHIPS BASKET, FOR TEMP UP TO 180 DEGREES F. COORDINATE DRAIN SIZE WITH PLANS.			SEE PLANS
M-1	MOH SERVICE BASIN, FIELD FABRICATED BASIN WITH FDI-DRAIN, TRIM, FAUCET K E S, T&S BRASS HOSE B-3618-01, HOSE BRACKET AND MOP SINK HANGER.	3/4"	3/4"	3"

  

MARK	DESCRIPTION	MISCELLANEOUS		
		HOT WATER	COLD WATER	WASTE/ TRAP
PRV	PRESSURE REDUCING VALVE, WATTS 25AUB-3-DU-23 STANDARD CAPACITY PRESSURE REDUCING VALVE W/ INTEGRAL STRAINER ASSE 100L, ONLY WHERE REQUIRED.		2"	SEE PLANS
FPWH-1	WALL HYDRANT, ZURN Z1300-6-ENCASD, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING, W/ INTEGRAL BACKFLOW PREVENTER, LOOSE KEY.		3/4"	SEE PLANS
FPWH-2	WALL HYDRANT, ZURN Z1348-8P, NON-FREEZE DUAL HOT AND COLD FAUCET WITH EXTERNAL AUTOMATIC BACKFLOW PREVENTER, WHEEL HANDLES.		3/4"	SEE PLANS
WCD	WALL CLEANOUT, SLOUX SHEF 670 SERIES, 20 GAUGE STAINLESS STEEL, 18"X11" AFF.			BRANCH SIZE
TP	TRAP PRIMER, PFF #1 PFF, ONE PIECE ASSE 1010 BRASS TRAP PRIMER, ACTIVATES WITH 15-PSI PRESSURE FLUCTUATION. INSTALL PER PER MFRS RECOMMENDATIONS. PROVIDE WITH DISTRIBUTION UNIT OR MULTIPLE DRAINS.		1/2"	
GCD	GRADE CLEANOUT, ZURN ZB-1400-HD EXTERIOR, ADJUSTABLE CLEANOUT, DUCCO COATED, C1 BODY, ABS TAPERED PLUG W/ GASKET, HEAVY DUTY TOP.			BRANCH SIZE
FOO	FLOOR CLEANOUT, SLOUX CHEF, IS34-3PNR, FINISH LINE ADJUSTABLE ROUND TOP, PVC BODY, CLEANOUTS IN TILE FLOORS SHALL HAVE SQUARE TOPS.			BRANCH SIZE
RD-0VL	COMBINATION ROOF DRAIN, OVERFLOW DRAIN, ZURN K22130-4NH, NH-2, NH-3C, NO HUB, DURA COATED, C1 BODY, GRATEL GUARD, C1 DOME STRAINER AND OVERFLOW STRAINER, UNDERDECK CLAMP. OVERFLOW SHALL SPILL TO DOWNPOUT NOZZLE. ZURN K2199, 12" ABOVE FINISH GRADE.			SEE PLANS
RD-1	ROOF DRAIN, ZURN K2199, 3-3/8" DIAMETER, 1-1/2" SLOUHOULE POLY-DOME, DURA-COATED C1 BODY WITH FLASHING CLAMP, UNDERDECK CLAMP.			SEE PLANS
AD-1	AREA DRAIN, JR SMTH MODEL 2410, TRAFFIC RATED DRAIN, 12" SQUARE HEAVY DUTY HINGED GRATE, 8 1/4" DEEP FREE STANDING SEDIMENT SUGGET W/ TAIL BAR.			SEE PLANS
G-1	SCHER MODEL GB-1002, 100 GPM 99% EFFICIENCY FLOW RATE, AND 6.237LBS GREASE CAPACITY GREASE INTERCEPTOR. PROVIDE TRAFFIC RATED REINFORCEMENT PER MANUFACTURER'S RECOMMENDATION. UNITS MUST BE PIPED IN SERIES.			SEE PLANS
S-1	STRIEM MODEL CB-275-SFL, 125 GPM FLOW RATE SOLID INTERCEPTOR. PROVIDE TRAFFIC RATED REINFORCEMENT PER MANUFACTURER'S RECOMMENDATION. UNITS MUST BE PIPED IN SERIES.			SEE PLANS

  

MARK	DESCRIPTION	CROSS CONTAMINATION		
		HOT WATER	COLD WATER	WASTE/ TRAP
BFP-1	REDUCED PRESSURE ZONE, WATTS SERIES 900 HEALTH HAZARD CROSS CONNECTION IN PLUMBING SYSTEM OR FOR CONTAMINATION AT THE SERVICE LINE ENTRANCE (ASSE 1013)			SEE PLAN
BFP-2	DOUBLE CHECK VALVE, WATTS SERIES 90-3 ASSE 1022 HEALTH HAZARD, CONTINUOUS OR INTERMITTENT PRESSURE, APPROVED DUAL CHECK VALVE W/ ATMOSPHERIC VENT, (CARBONATED BEVERAGE)			SEE PLAN
BFP-3	ATMOSPHERIC VACUUM BREAKER, WATTS SERIES 288A, HEALTH HAZARD, CONTINUOUS PRESSURE, (COMMERCIAL DISHWASHER, JANITORS SINK)			SEE PLAN
BFP-4	DOUBLE CHECK VALVE, WATTS SERIES 90-3 ASSE 1022 OR WATTS SERIES 90 ASSE 1012 HEALTH HAZARD, CONTINUOUS OR INTERMITTENT PRESSURE, APPROVED DUAL CHECK VALVE W/ ATMOSPHERIC VENT, (COFFEE MAKER, TEA BREWER, EXPRESSO MACHINE, ICE MACHINE)			SEE PLAN

  

**FIXTURE SCHEDULE NOTES:**

- APPROVED MANUFACTURERS OF FIXTURES ARE AMERICAN STANDARD, KOHLER & ELGER
- APPROVED MANUFACTURERS OF FLOOR DRAINS & CLEANOUTS ARE J.R. SMITH, JOSAM, WALLS, SLOUX CHEF & ZURN
- APPROVED MANUFACTURERS OF WATER HEATERS & RURNAL
- ALL SUPPLIES SHALL BE PROVIDED W/ CHROME PLATED ANGLE STOPS & TUBING EQUAL TO EASTMAN, BRASS-CRAFT OR EQUAL

**PLUMBING ABBREVIATIONS**

CFH	CUBIC FEET PER HOUR	LAV	LAVATORY
CO	CLEAN OUT	MBB	MOP SERVICE BASIN
CW	COLD WATER	P	PLUMBING
FOO	FLOOR CLEAN OUT	RTU	ROOF TOP UNIT
FD	FLOOR DRAIN	U	URN
FPWH	FREEZE PROOF WALL HYDRANT	V	VENT
FS	FLOOR SINK	VTR	VENT THRU ROOF
G	GAS	WC	WATER CLOSET
GCD	GROUND CLEAN OUT	WH	WATER HEATER
HW	HOT WATER		

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HIALEAH, FLORIDA 33012

SHEET TITLE: PLUMBING NOTES AND SCHEDULES

SHEET NO: P301

PROJ. NO: 1819231.20

DATE: 05/01/19

REVISION 1: 06/17/19

REVISION 2: 06/17/19

PRINCIPAL IN CHARGE: JC

PROJECT ARCHITECT: MS

DRAWN BY: TH