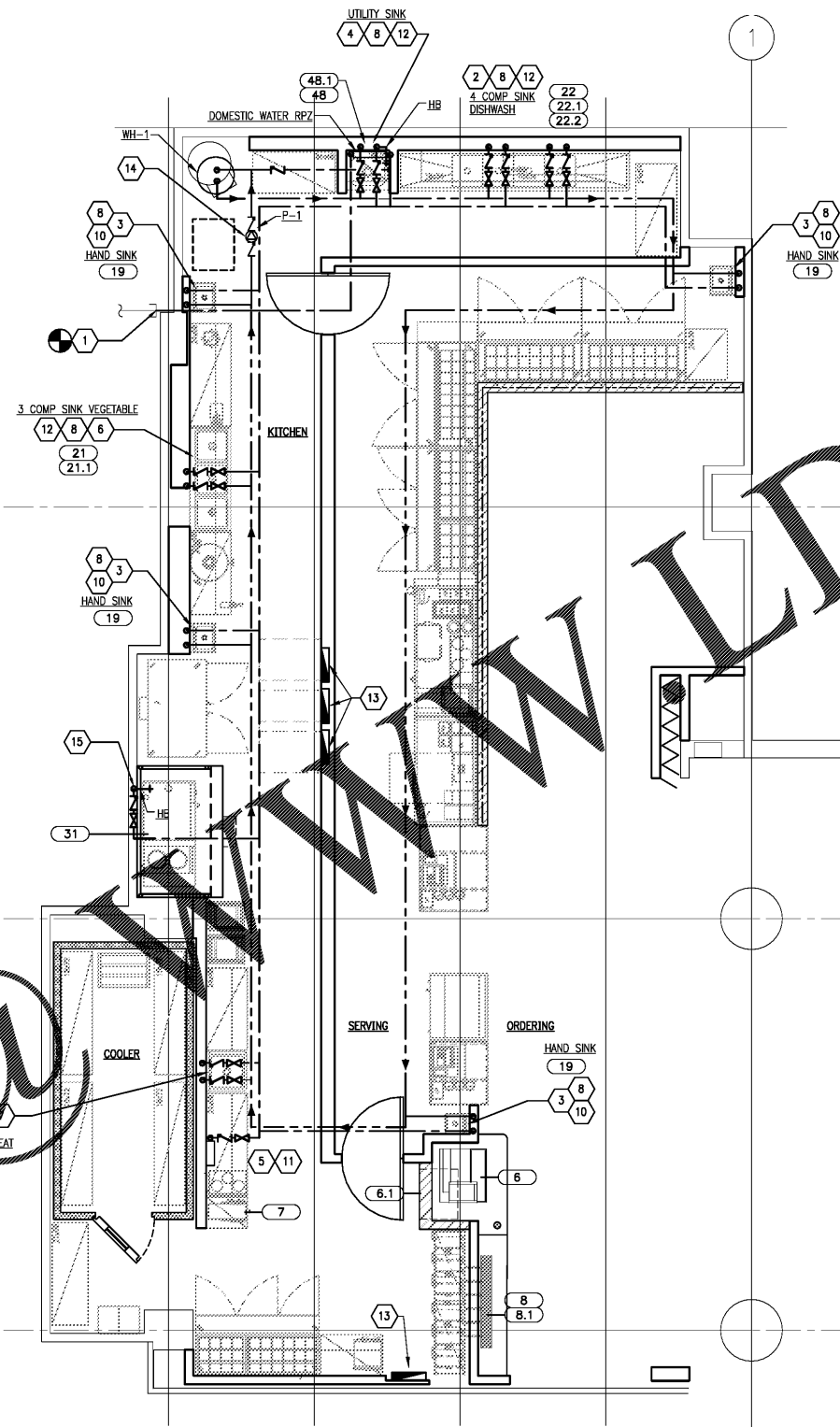


DOMESTIC WATER SUPPLY FIXTURE UNITS								
TYPE OF FIXTURE	TYPE OF SUPPLY CONTROL	QUANTITY	HW (EACH)	HW (TOTAL)	CW (EACH)	CW (TOTAL)	TOTAL (EACH)	TOTAL (F.U.'S) (TOTAL)
HAND SINK	FAUCET	4	1.5	6.00	1.5	6.00	2.0	8.00
MOP BASIN	FAUCET	1	2.25	2.25	2.25	2.25	3.0	3.00
PREP SINK	FAUCET	1	1.0	1.00	1.0	1.00	1.4	1.40
3-COMPARTMENT SINK	FAUCET	1	1.0	1.00	1.0	1.00	1.4	1.40
4-COMPARTMENT SINK	FAUCET	1	1.0	1.00	1.0	1.00	1.4	1.40
					HW	CW	TOTAL (FIXTURE UNITS) (TOTAL)	
SERVICE TOTAL FIXTURE UNITS, GPM					11.25 (28.6 GPM)	11.25 (28.6 GPM)	15.2 (31.8 GPM)	
SERVICE SIZE					1-1/2"			

BACKFLOW DEVICE SCHEDULE (BASED ON WATTS)					
TAG	SERIES	SIZE	TYPE	USAGE	APPROVAL
BFP-1	909	4"	DOUBLE CHECK VALVE ASSEMBLY	FIRE RISERS	ASSE 1015, AWWA 1013
BFP-2	0090T	2"	REDUCED PRESSURE BACKFLOW PREVENTER	DOMESTIC WATER CONNECTION	ASSE 1015, AWWA 1013
BFP-3	SD-3	3/8"	DUAL CHECK VALVE W/ ATMOSPHERIC VENT	CARBONATED BEVERAGE	ASSE 1022
BFP-4	9D	1/2"	BACKFLOW PREVENTER W/ ATMOSPHERIC VENT	TEA MAKER, COFFEE MACHINE, JUICE DISPENSER, ETC	ASSE 1012
BFP-5	0070TS	1/2"	DUAL CHECK VALVE	NON-CARBONATED BEVERAGE, SOFT SERVE ICE CREAM, WATER FILTER, HUMIDIFIER, EYE WASH, ETC	ASSE 1015
BFP-6	8	3/4"	VACUUM BREAKER	WALL HYDRANT CONNECT VACUUM BREAKER	ASSE 1011
BFP-7	N9-CD	3/4"	DUAL CHECK VACUUM BREAKER	HOSE BIBB	ASSE 1052
BFP-8	008PCQT	1/2"	SPILL RESISTANT VACUUM BREAKER	SOAP DISPENSER, SPECIALTY SINK, CLEANING EQUIPMENT, DISHWASHER	ASSE 1056

CONTRACTOR TO VERIFY EXACT REQUIREMENTS OF ALL REQUIRED BACKFLOW DEVICES AND FIXTURES WITH AUTHORITIES HAVING JURISDICTION PRIOR TO BID.

EQUIPMENT SCHEDULE		
ITEM NO	QTY	EQUIPMENT
6	1	DISPENSER, ICE/WATER, LOW-PROFILE, MANUAL LOAD
7	1	COFFEE/TEA MAKER - PROVIDED BY OWNER VENDOR
8	1	TEA TAP SYSTEM
8.1	1	DRIP TRAY 6 X 54, W/ WALL SPLASH
19	3	HAND SINK, WALL MOUNT, W/ HANDS-FREE FAUCET
20	1	SINK, NSF, 1 COMP, 18 GAUGE, W/ 10" FAUCET
21	1	SINK, NSF, 3 COMP, W/ FAUCET, MODIFY RIGHT BOWL TO 10" DEPTH
21.1	1	FAUCET, 12" SPOUT
22	1	SINK, NSF, 4 COMP, 18 GAUGE
22.1	1	FAUCET, 10" SPOUT
22.2	1	PRE-RINSE FAUCET, WALL MOUNT
31	1	EVEN-STANDING COMMERCIAL OVEN
48	1	SINK, MOP
48.1	1	FAUCET, MOP
55		WALK-IN COOLER, SEE APPROVAL DRAWING



- KEY NOTES
- FIELD LOCATE AND TIE INTO EXISTING WATER SERVICE LINE WITH A 1-1/2" WATER TAP. GC TO PROVIDE AND COORDINATE FINAL LOCATION OF GATE VALVE, WATER SUBMETER, AND REMOTE READER WITH LANDLORD AND TENANT. PROVIDE NEW RPZ AS REQUIRED ABOVE UTILITY SINK, ROUTE DRAIN TO UTILITY SINK.
 - DROP 3/4" CW & HW DOWN TO SERVE 4 COMPARTMENT SINK WITH CHECK VALVE.
 - DROP 1/2" CW AND/OR HW DOWN WALL TO SERVE LAVATORY OR HANDSINK.
 - DROP 3/4" CW & HW DOWN TO SERVE MOP SINK WITH CHECK VALVE.
 - DROP 3/4" CW DOWN WALL TO FILTER SYSTEM. PROVIDE WITH BACK FLOW PREVENTOR AND GATE VALVE.
 - DROP 3/4" CW & HW DOWN TO SERVE 3-COMPARTMENT SINK WITH CHECK VALVE.
 - DROP 3/4" CW & HW DOWN TO SERVE PREP SINK WITH CHECK VALVE.
 - FURNISHED BY KITCHEN VENDOR. INSTALLED BY G.C. PLUMBING G.C. TO PROVIDE AND INSTALL PIPING CONNECTING WATER, WASTE, AND VENT LINES.
 - NOT USED.
 - HAND SINKS FURNISHED WITH NEW EQUIP FOODSERVICE SEF-10-DS-VF05 PLUS IN SENSOR FAUCET BRUSHLESS MOTOR. FLOG IN SENSOR FOR KITCHEN FAUCETS ONLY.
 - GC TO PROVIDE WATER FILTER. ROUTE WATER LINE THROUGH WATER FILTER AND THEN TIE TO ICE MAKER, ICE WATER DISPENSER AND TEA BREWER. GC TO PROVIDE INSURICE TRIPLE-4000 SYSTEM EV9325-03. PROVIDE 3/4" SUPPLY LINES TO EACH FIXTURE WITH INDIVIDUAL SHUTOFF VALVE.
 - PROVIDE BACKFLOW PREVENTOR TO FIXTURE. ROUTE DRAIN FROM RPZ TO NEAREST FLOOR SINK OR MOP SINK.
 - DO NOT ROUTE PIPING ABOVE ELECTRICAL PANELS OR FACP/FAAP.
 - PROVIDE TIME CLOCK FOR RECIRCULATING PUMP BASED ON HOURS OF OPERATION FOR TENANT. INCLUDE RETURN WATER TEMPERATURE SENSOR TO PAUSE PUMP WHEN RETURN WATER IS HOT.
 - PROVIDE HOSE BIBB CONNECTION FOR COMBI OVEN. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH EQUIPMENT PRIOR TO CONSTRUCTION. COORDINATE EXACT HOSE BIBB REQUIREMENTS WITH OVEN MANUFACTURER PRIOR TO BID.

WATER HEATER CALCULATIONS					
TYPE OF FIXTURE	QUANTITY	GALL/HR/DAY	TOTALS	OPERATIONAL TOTAL	NON OPERATIONAL TOTAL
HAND SINK	4	5	20.0	20	0
MOP BASIN	1	15	15.0	0	15
PREP SINK	1	35	35.0	0	35
3-COMPARTMENT SINK	1	76	76.0	0	76
4-COMPARTMENT SINK	1	76	76.0	0	76
			TOTAL	TOTAL	TOTAL
TOTAL * 80% FOR DIVERSITY			177.6	16.0	161.6

PLUMBING WATER PLAN
1/4" = 1'-0" NORTH

2 01.04.18 ISSUED/RELEASED
FOR CONSTRUCTION
1 12.28.17 LANDLORD COMMENTS
NO. DATE REMARKS

REVISIONS

Salata
PEACHTREE CENTER MALL
231 PEACHTREE ST. NE SUITE B14
ATLANTA, GA 30303

PROJECT NO: 2017.0221
DATE: 12.08.2017

P1.2
PLUMBING WATER PLAN

CHECKED: PD DRAWN: AC

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