

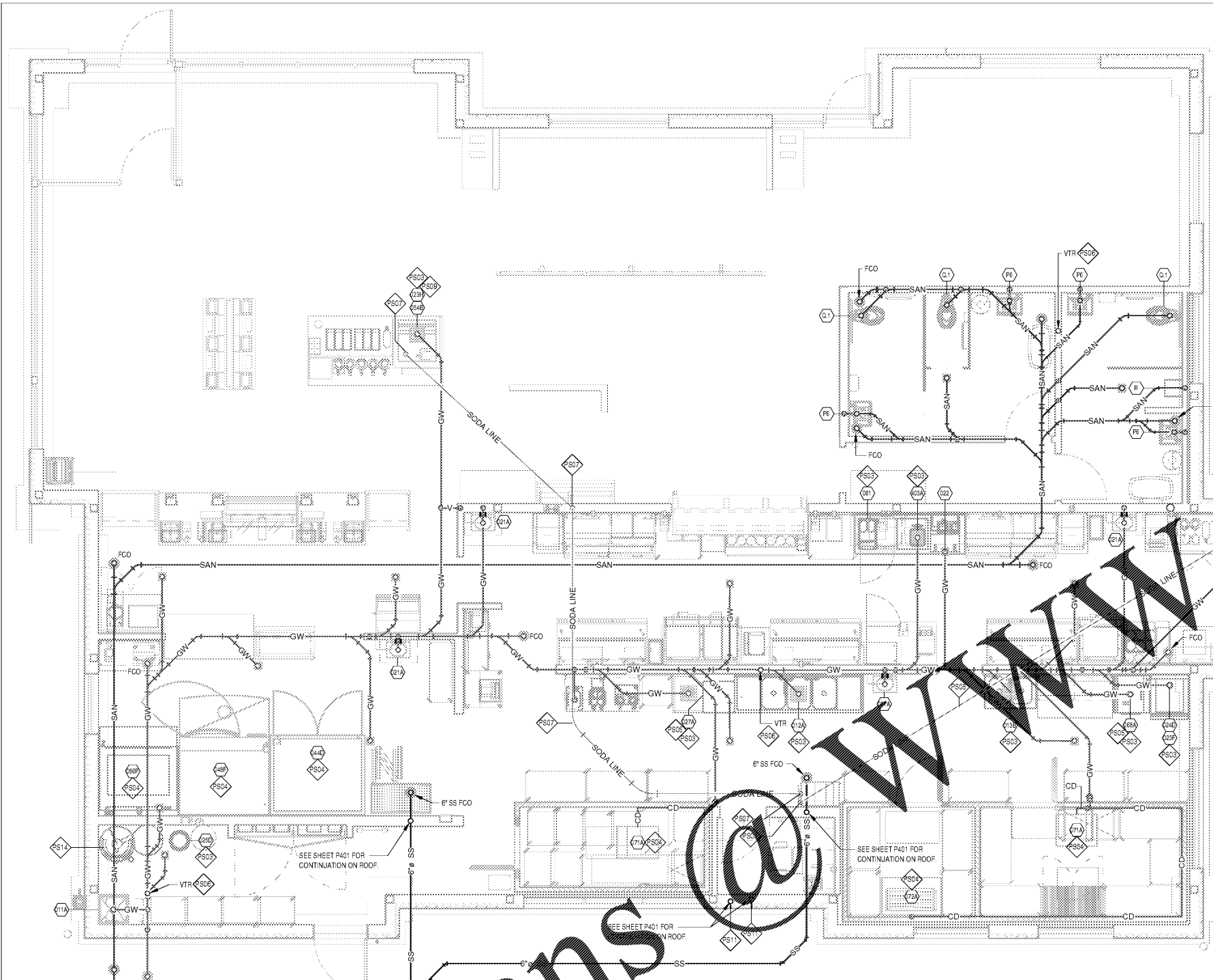
Engineering Consultant

GENERAL NOTES SANITARY

- ALL PLUMBING WORK SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE LOCAL PLUMBING CODE, HEALTH REGULATIONS, AND LOCAL ORDINANCES.
- THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL PERMIT FEES, UTILITY TAP FEES, AND INSPECTION FEES AS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF HIS FLOOR DRAINS, HUB DRAINS AND CONNECTION POINTS WITH THE GENERAL CONTRACTOR. THE PLUMBING CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID.
- ALL PLUMBING PIPING SHALL BE ROUTED UNDER THE FLOOR, ABOVE THE CEILING, OR LOCATED WITHIN WALLS OR PLUMBING CHASES. EXPOSE PIPING ONLY WHERE NECESSARY TO CONNECT TO EQUIPMENT.
- PROVIDE INSULATION ON ALL EQUIPMENT CONDENSATE DRAIN LINES INCLUDING FREEZER AND COOLER. PROVIDE HEAT TAPE ON CONDENSATE DRAIN LINE AT FREEZER AND FOR ALL PIPING THAT MAY RUN THROUGH FREEZER.
- PROVIDE CHROME FINISHED P-TRAPS FOR ALL SINKS WHERE TRAPS WILL BE VISIBLE TO THE PUBLIC.
- PROVIDE COPPER CONDENSATE DRAIN LINE FOR RACK OVEN. DRAIN LINE IS NOT TO BE SUPPORTED FROM OVEN.
- REFER TO THE GENERAL CONDITIONS ON ARCHITECTURAL SHEETS FOR FIRE STOPPING REQUIREMENTS.

PS# PLUMBING - SANITARY KEYED NOTES

- PS01 MAKE ARRANGEMENTS WITH LOCAL UTILITY FOR A NEW MINIMUM 4" SANITARY LINE TO THE PREMISES (MINIMUM OF 36" B.F.F.). FIELD VERIFY EXACT LOCATION AND INVERT ELEVATION OF POINT OF CONNECTION PRIOR TO COMMENCING WORK. SEE CIVIL DRAWINGS FOR CONTINUATION.
- PS02 PROVIDE AND INSTALL A QUANTITY OF TWO 1,250 GALLON GREASE INTERCEPTORS AS SPECIFIED IN THE PLUMBING FIXTURE SCHEDULE ON SHEET P103 AND VENT AS REQUIRED PER CODE. EXTEND 4" GREASE WASTE LINE FROM INTERCEPTORS TO 4" SANITARY LINE TO THE PREMISES. FIELD VERIFY EXACT LOCATION AND INVERT ELEVATION OF POINT OF CONNECTION PRIOR TO COMMENCING WORK. SEE CIVIL DRAWINGS FOR CONTINUATION AND PROPOSED GREASE INTERCEPTOR LOCATIONS. SEE DETAIL LOCATED ON SHEET P501.
- PS03 EXTEND INDIRECT WASTE TO RECEPTACLE. FIELD VERIFY EXACT LOCATION OF PIPING.
- PS04 EXTEND DRAIN LINES FROM FREEZER, COOLER, OVEN, AND PROOFER TO WASTE RECEPTACLE LOCATED NEARBY. FIELD VERIFY EXACT LOCATION OF PIPING.
- PS05 CAST IRON PIPE SHALL BE USED FOR THE 8" DI. DISCHARGE PIPING FOR SOUP WARMER AND DISHWASHER.
- PS06 EXTEND VENTS THROUGH ROOF WITH MINIMUM 10' CLEARANCE TO AIRWAYS IS MAINTAINED.
- PS07 PROVIDE 6" CONDUIT RUN OVERHEAD FROM BAG-N-BOX FOR TO CONSOLIDATION WALL FOR SODA LINES. CONDUIT TO BE OF MATERIALS APPROVED BY LOCAL CODE. NO PVC ALLOWED IN PLENUM SPACES. DROP SODA LINE IN CONSOLIDATION WALL AND RUN UNDER SLAB TO SODA DISPENSER IN DINING AREA. COORDINATE DROP IN FIELD WITH SODA VENDOR. USE LONG SWEEP ELBOWS AT ALL CHANGES IN DIRECTION.
- PS08 PROVIDE 6" CONDUIT RUN OVERHEAD FROM SODA DISPENSER TO BAG-N-BOX FOR SODA LINES. CONDUIT TO BE OF MATERIALS APPROVED BY LOCAL CODE. NO PVC ALLOWED IN PLENUM SPACES. DROP SODA LINES AT SODA DISPENSER IN DRIVE THRU AREA. COORDINATE DROP IN FIELD WITH SODA VENDOR. USE LONG SWEEP ELBOWS AT ALL CHANGES IN DIRECTION.
- PS09 SECURE DRAIN LINES FOR ICE MACHINE AND SODA DISPENSER TO THE SIDE OF THE CABINET WITH BRACKETS.
- PS10 ROUTE ROOF DRAIN DOWN TO BELOW SLAB. SEE CIVIL PLANS FOR CONTINUATION AND CURB OUTLET. FIELD VERIFY EXACT LOCATION AND INVERT ELEVATION OF POINT OF CONNECTION PRIOR TO COMMENCING WORK.
- PS11 TERMINATE OVERFLOW ROOF DRAIN AT LANDSCAPED AREA WITH DOWN SPOUT NOZZLE. SEE SHEET ARCHITECTURAL SHEETS FOR DETAIL.
- PS14 TERMINATE T&P RELIEF LINE PIPING FOR WATER HEATER AT FLOOR DRAIN.



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Order Plans

1 SANITARY PLUMBING PLAN



GREASE INTERCEPTOR CALCULATION

(S) x (GS) x (HR/12) x (LF) = GALLONS REQUIRED

(S) = NUMBER OF SEATS = 96

(GS) = GALLONS OF WASTE WATER PER SEAT = 25

(HR/12) = HOURS OF OPERATION /12 = 16/12

(LF) = LOADING FACTOR = MAIN HIGHWAY = 0.75

G.I. SIZE REQUIRED = 2,400 GALLONS

PLUMBING LEGEND:

- NATURAL GAS PIPING (NG)
- COLD WATER PIPING (CW)
- SOFTENED COLD WATER PIPING (SCW)
- DRINK FILTERED COLD WATER PIPING (DFCW)
- FILTERED COLD WATER PIPING (FCW)
- 110 DEG HOT WATER PIPING (TW)
- 140 DEG HOT WATER PIPING (140)
- HOT WATER RETURN PIPING (HWR)
- SANITARY PIPING (SAN)
- GREASE WASTE PIPING (GW)
- VENT PIPING (V)
- CONDENSATE PIPING (CD)
- STORM (SS)

PLUMBING FIXTURE SCHEDULE

PLAN MARK	MANUFACTURER	MODEL	ACCESSORIES	NOTES
FLOOR DRAINS (TYPICAL)	WADE OR EQUAL	1103STD6 W/6" STRAINER	P-TRAP TRAP PRIMER (ALL FLOOR DRAINS NOT USED FOR INDIRECT CONNECTION)	FURNISH FULL GRATE AND 4" HIGH FUNNEL FOR INDIRECT DRAIN FIXTURES
FLOOR CLEANOUT	WADE OR EQUAL	6000		NICKEL BRONZE SECURED TOP
FLOOR SINK	WATTS	FS-740	1/2 GRATE	12"x12"x8" W/PORCELAIN GRATE
LAV	KOHLER SOHO	K-2084-R WHITE	1-1/4x1-1/2 P-TRAP STOP VALVES	WALL HUNG SINK MOUNTING HGT PER ADA SEE ARCH PLANS
FAUCET (FOR LAV)	TOTO	TEL105-D10EM	0.5 GPM FLOW CONTROL	CHROME 0.09 GPC 10 SEC. CYCLE 0.19 GPC 20 SEC. CYCLE
MSB	FLORESTONE	MSR-2424	W/ MR371 FAUCET MR 372 MOP HANGER, STRAINER, TILE FLANGES	24" X 24" SEE ARCH PLANS TERRAZZO FINISH
WC (ADA)	AMERICAN STD.	3043.102	WHITE-OPEN FRONT SEAT. NO COVER	W/ SLOAN ROYAL #111 FLUSH VALVE PER ADA
UR	TOTO	UT104		SLOAN ROYAL NO. 180-1 FLUSH VALVE PER ADA
GREASE INTERCEPTOR	OLD CASTLE PRECASTLE	H20-1250 (OR EQUAL)		QTY OF 2 - 1,250 GALLONS VENT PER LOCAL CODE SEE DETAIL SHEET P501
WH (WATER HEATER)	A.O. SMITH	BTH-199	DIRECT VENT SEALED COMBUSTION	100 GAL. 199,900 BTU, 230 GPH RECOVERY
FPHB (FREEZEPROOF HOSEBIBB)	JAY R. SMITH	5809QT OR EQUAL	KEY OPERATED INTEGRAL VACUUM BREAKER	1/2" FEMALE INLET 3/4" HOSE CONNECTION

ISSUE FOR REVIEW

Bakery Cafe #6119

6351 MANATEE AVE. W, BRADENTON, FL 34209



NO.	DESCRIPTION	DATE
1	Building Department Comments	12-11-18

SANITARY PLUMBING PLAN

Project Number: _____ Sheet Number: _____

449-18 Drawn: _____ Checked: _____

CLL CSH **P103**

Issue Date: _____

10/01/18

DFM: _____ DM: _____ CPM: _____

BS: _____ DM: _____ ME: _____