

3418 NORTH LAMAR BOULEVARD
AUSTIN, TEXAS 78705

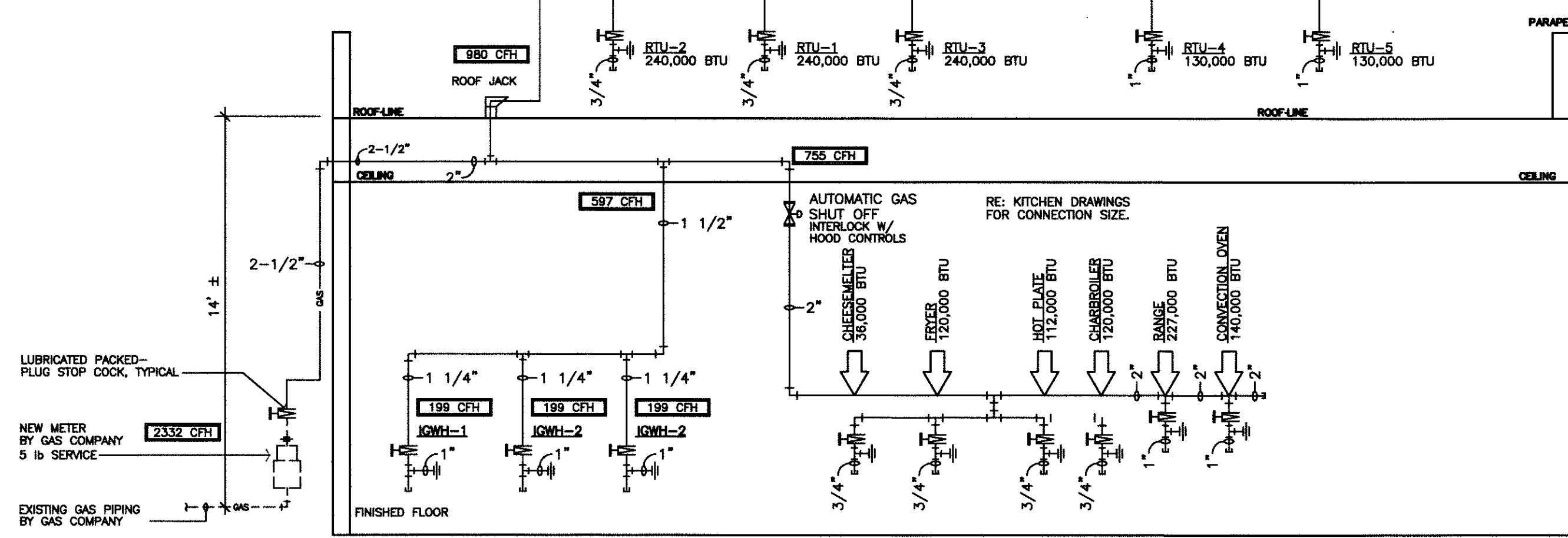
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Gensler

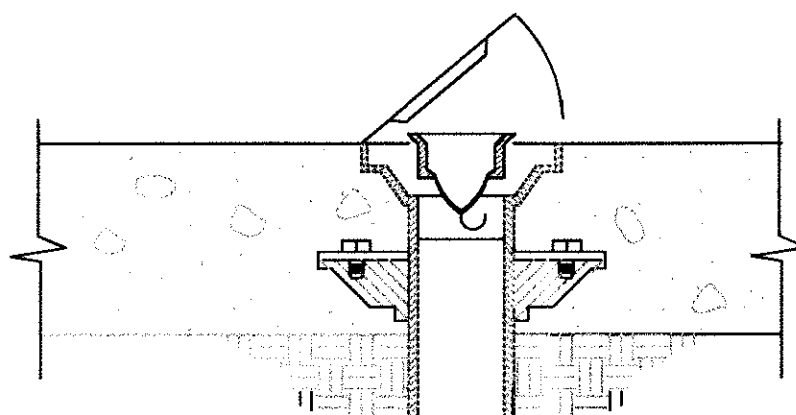
Issue	Date & Issue Description	By	Check
01	12/04/09 PERMIT/CONSTRUCTION		
02	1/22/10 CITY COMMENTS		

115 FT. TOTAL MAX DEVELOPED LENGTH

SIZE OF GAS PIPING, MAXIMUM DELIVERY CAPACITY IN CUBIC FEET OF GAS PER HOUR (CFH) OF I.P.S. PIPE CARRYING NATURAL GAS OF 0.85 SPECIFIC GRAVITY. BASED ON PRESSURE DROP 0.5 IN. WATER COLUMN.



6 PLUMBING GAS RISER



FD-1 KITCHEN AREA ONLY

TG3H 3" TG Fits inside 3" Hub
This flexible bushing insert will fit most 3-1/2" strainer tailpiece such as JR Smith 2000 Series - Joam 3000 Series. It will also fit into C.I. or Plastic 3" Hub fitting.

TG22P 2" TG Fits inside 2" PVC Pipe
TG22IP 2" TG Fits inside 2" C.I. Pipe
TG33IP 3" TG Fits inside 3" PVC or C.I. Pipe
TG33-Zurn 3" TG Fits inside Z415 Drain
TG33-Wade 3" TG Fits inside Wade Drain

To make a water tight seal, use an adhesive type caulk around the bottom of the top flange then insert Retro Fit Trap Guard into the 2" or 3" pipe.

5 FLOOR DRAIN W/ TRAP GUARD

KITCHEN PLUMBING NOTES

THE PLUMBING CONNECTIONS INDICATED ARE FOR THE EQUIPMENT SHOWN ON THIS PLAN. ALL OTHER PLUMBING REQUIREMENTS (BATHROOMS, MOP SINKS, GENERAL FLOOR DRAINS, ETC) ARE NOT SHOWN ON THIS PLAN. ALL DIMENSIONS ARE FROM COLUMN CENTERLINES AND/OR FINISHED WALLS. ALL DIMENSIONS ARE TO THE CENTERLINE OF ROUGH-INS.

THE FOLLOWING WORK IS TO BE PERFORMED BY DIVISION 15 - MECHANICAL:

- PROVIDE ALL ROUGH-IN AND CONNECTIONS TO FOODSERVICE EQUIPMENT.
- INSTALL ALL ACCESSORIES AND FITTINGS PROVIDED LOOSE WITH FOODSERVICE EQUIPMENT.
- PROVIDE ALL VALVES, TRAPS, WATER AND PRESSURE REGULATORS, REDUCING VALVES, PIPING RUNS, SHOCK ABSORBERS, GREASE INTERCEPTORS, ETC. IN ORDER TO CONNECT FOODSERVICE EQUIPMENT TO BUILDING UTILITIES.
- FLUSH OUT ALL PIPING AND DRAINAGE SYSTEMS PRIOR TO CONNECTION OF FOODSERVICE EQUIPMENT.
- PROVIDE AND INSTALL SPRINKLER SYSTEM, IF REQUIRED.
- PROVIDE AND INSTALL WATER SOFTENERS, FILTERS AND TREATMENT SYSTEMS.
- INSULATE 180°F HOT WATER FROM BOOSTER HEATER TO DISHWASHER INLET.
- INSTALL FIRE SUPPRESSION MECHANICAL GAS VALVE IN A VISIBLE AND ACCESSIBLE LOCATION.
- PROVIDE GAS PRESSURE OF 4" TO 6" W.C. AT COOKING EQUIPMENT.
- PROVIDE CONDUIT FOR REFRIGERATION LINES.
- HVAC CONTRACTOR TO HANG HOOD, PROVIDE AND INSTALL ALL DUCT WORK, EXHAUST AND SUPPLY FANS, CURBS, ROOF JACKS AND ROOF PENETRATIONS.
- HVAC CONTRACTOR TO PROVIDE AIR BALANCING.
- PROVIDE PROPER VENTILATION TO REFRIGERATION MECHNERY ROOM (MAX. 90°F), DRY STORAGE ROOMS (MAX. 75°F) AND WAREHOUSE ROOM.

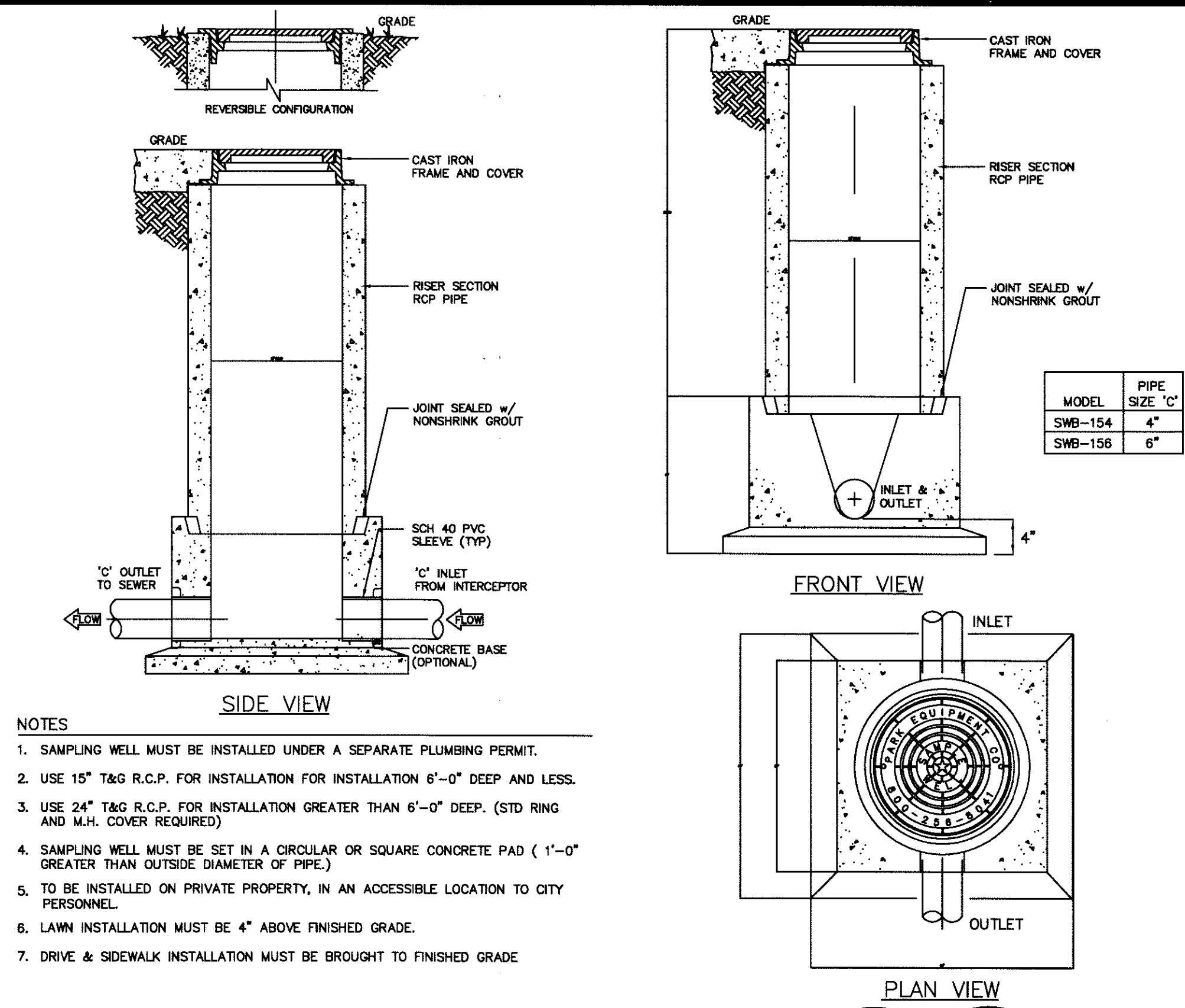
4 KITCHEN PLUMBING NOTES

PLUMBING SCHEDULE

ITEM	SIZE	CONNECTION	LOC	AFF	SERVICE TO	REMARKS
NOTE: BTC=BRANCH TO FINAL CONNECTIONS ON "SYMBOLS" BY DIVISION 15						
P01		FLOOR DRAIN	FLR	0"	GENERAL	NICKEL BRONZE FINISH; FURNISHED AND INSTALLED BY DIV. 15
P02		FUNNEL F.D.	FLR	0"	EQUIPMENT	NICKEL BRONZE FINISH; FURNISHED AND INSTALLED BY DIV. 15
P03		NOT USED				
P04		FLOOR SINK	FLR	0"	GENERAL	BTC: OPEN SIGHT CONNECTION, 12"x12" 3/4 GRATE, FURNISHED AND INSTALLED BY DIV. 15
P05		HUB DRAIN	FLR	0"	TRENCH LINER	BTC: INSTALLED BY DIV. 15
P06		FLOOR SINK	FLR	0"	WAREWASH MACHINE	BTC: OPEN SIGHT CONNECTION, 12"x12" 3/4 GRATE, FURNISHED AND INSTALLED BY DIV. 15. PEAK RATE OF DRAIN FLOW = 38 GPM
P07		NATURAL GAS	WALL	20"	EQUIPMENT:	BTC:
		ITEM # 123			6 O.B. RANGE/OVEN	227 MBTUH
		ITEM # 125			DOUBLE CONV. OVEN	140 MBTUH
		ITEM # 120			CHEESEMELTER	36 MBTUH
		ITEM # 129			FRYER	120 MBTUH
		ITEM # 130			HOT PLATE	112 MBTUH
		ITEM # 132			CHARBROILER	120 MBTUH
					TOTAL	755 MBTUH
P101	1/2"	H&C WATER	WALL	15"	SOILED DISHTABLE	BTC
P102	3/4"	HOT WATER	WALL	--	DISHWASHER	BTC - 180 DEGREE HW
P104A	3/4"	H&C WATER	WALL	15"	UTILITY SINK	BTC
P104B	1/2"	H&C WATER	WALL	15"	HOSE BIBB	BTC
P108A	1/2"	H&C WATER	WALL	20"	HAND LAVATORY	BTC
P108B	2"	DRAIN	WALL	15"	HAND LAVATORY	BTC
P112	1/2"	H&C WATER	WALL	15"	SINK FAUCET	BTC
P114	1/2"	H&C WATER	WALL	15"	SINK FAUCET	BTC
P124	3/4"	COLD WATER	WALL	42"	CONV. STEAMER	BTC
P140	1/2"	H&C WATER	WALL	15"	FILL FAUCET	BTC
P149	1/2"	H&C WATER	WALL	36"	POT FILLET	BTC
P152	1/2"	H&C WATER	WALL	15"	SINK FAUCET	BTC
P153	1/2"	COLD WATER	WALL	48"	TEA BREWER	BTC - THRU WATER FILTER BY SECTION 11400
P159	3/4"	COLD WATER	WALL	96"	ICE MAKER	BTC - THRU WATER FILTER BY SECTION 11400
P160	3/4"	COLD WATER	WALL	72"	WATER SOFTENER	BTC
P161A	1/2"	COLD WATER	WALL	96"	SODA SYSTEM	BTC
P161B	6"	CONDUIT	--	--	SODA SYSTEM LINES	BTC, RUN EMPTY CONDUIT ABOVE CEILING FROM SODA SYSTEM TO BEV COUNTER
P165	1/2"	COLD WATER	WALL	48"	COFFEE BREWER	BTC - THRU WATER FILTER BY SECTION 11400
P201	1/2"	H&C WATER	BAR DIE	15"	L/C HAND SINK	BTC
P204	1/2"	H&C WATER	BAR DIE	15"	BLENDER STATION	BTC
P206	1/2"	H&C WATER	BAR DIE	15"	THREE COMP. SINK	BTC
P210	1/2"	COLD WATER	WALL	48"	ESPRESSO MACHINE	BTC

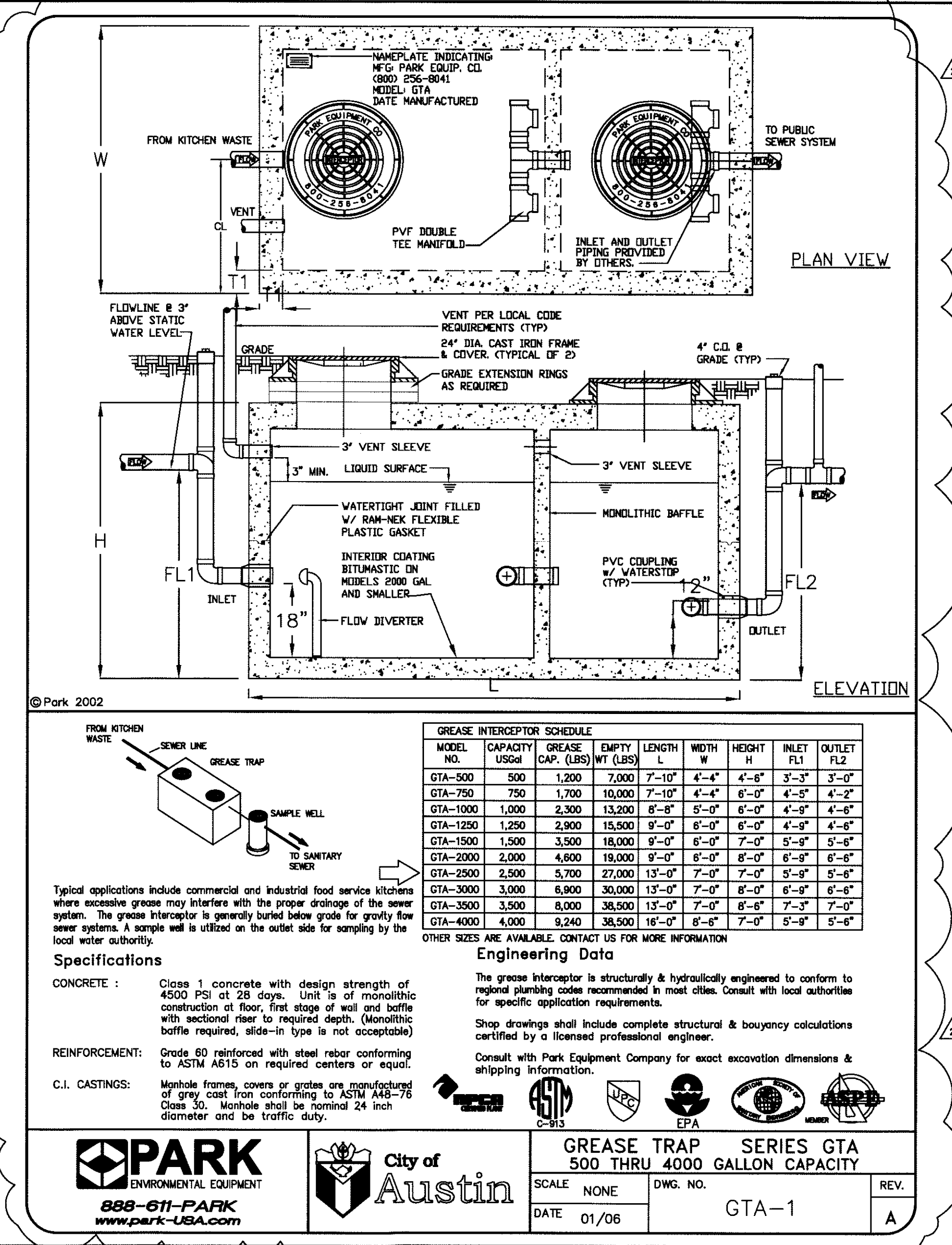
3 KITCHEN EQUIPMENT SCHEDULE

2 SAMPLE WELL DETAIL



- NOTES
- SAMPLING WELL MUST BE INSTALLED UNDER A SEPARATE PLUMBING PERMIT.
 - USE 15" T&G R.C.P. FOR INSTALLATION 6'-0" DEEP AND LESS.
 - USE 24" T&G R.C.P. FOR INSTALLATION GREATER THAN 6'-0" DEEP. (STD RING AND W.H. COVER REQUIRED)
 - SAMPLING WELL MUST BE SET IN A CIRCULAR OR SQUARE CONCRETE PAD (1'-0" GREATER THAN OUTSIDE DIAMETER OF PIPE).
 - TO BE INSTALLED ON PRIVATE PROPERTY, IN AN ACCESSIBLE LOCATION TO CITY PERSONNEL.
 - LAWN INSTALLATION MUST BE 4" ABOVE FINISHED GRADE.
 - DRIVE & SIDEWALK INSTALLATION MUST BE BROUGHT TO FINISHED GRADE.

1 GREASE TRAP DETAIL



PROJECT #0206
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Project Name
CAFE EXPRESS / AUSTIN

Project Number
02.6924.001

CAD File Name

Description
PLUMBING DETAILS

Scale
0 2' 4' 8' 16'

P-5

PARK ENVIRONMENTAL EQUIPMENT
888-611-PARK
www.park-usa.com

City of Austin

GREASE TRAP SERIES GTA
500 THRU 4000 GALLON CAPACITY

SCALE NONE DWG. NO. GTA-1 REV. A
DATE 01/06