

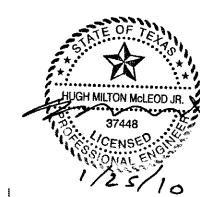


3418 NORTH LAMAR BOULEVARD AUSTIN, TEXAS 78705

# Gensier

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HIGH	J. Himman	<b>FAX: (7</b> © 2010 H. Drawings, writte	.M. McLe	od, P.E.



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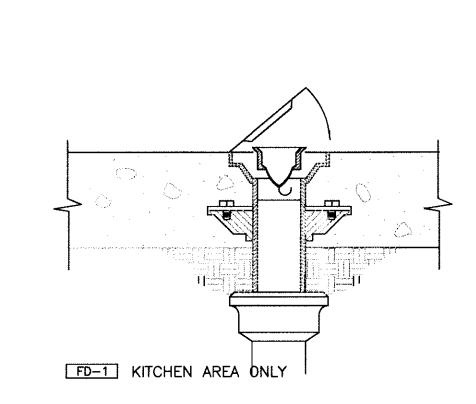
CAFE EXPRESS / AUSTIN

Project Number 02.6924.001 CAD File Name

Project Name

Description

**PLUMBING DETAILS** 



3" TG Fits inside 3" Hub

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

2" TG Fits inside 2" PVC Pipe 2" TG Fits inside 2" C.I. Pipe 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 CENTERLINES OF ROUGH-INS.

THE FOLLOWING WORK IS TO BE PERFORMED BY DIVISION 15 — MECHANICAL:
— PROVIDE ALL ROUGHING—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.

4 KITCHEN PLUMBING NOTES

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 MECHINERY ROOM (MAX. 90°F), DRY STORAGE ROOMS (MAX. 75°F) AND WAREWASH ROOM.

PLUMBING SCHEDULE ITEM SIZE CONNECTION LOC AFF SERVICE TO

	+		<del> </del> -			NOTE:
	-					BTC=BRANCH TO FINAL CONNECTIONS ON "SYMBOLS"
						BY DIVISION 15
P01	<del> </del>	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,
	1					12"X12", 3/4 GRATE, FURNISHED
//···						AND INSTALLED BY DIV. 15
P05	<b></b> -	HUB DRAIN	FLR	-9*	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
007		NATURAL CAR	NAGALI	008	FOURNIT	DTO.
P07		NATURAL GAS	WALL	20"	EQUIPMENT:	BTC:
	-	ITEM # 123			6 O.B. RANGE/OVEN	227 MBTUH
	-	ITEM # 125		ļ	DOUBLE CONV. OVEN	140 MBTUH
	-	ITEM # 120			CHEESEMELTER	36 MBTUH
		ITEM # 129		-	FRYER	120 MBTUH
		ITEM # 130		ļ	HOT PLATE	112 MBTUH
	+	ITEM # 132		<u> </u>	CHARBROILER TOTAL	120 MBTUH 755 MBTUH
, <del></del>	_	-			TOTAL	100 MB1011
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	***************************************	20"	HAND LAVATORY	BTC
P108B	2"	DRAIN	WALL	15"	HAND LAVATORY	BTC
P112	1/2"	H&C WATER	WALL	15"	SINK FAUCET	BTC
P114		H&C WATER	WALL		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	98"	ICE MAKER	BTC - THRU WATER FILTER BY SECTION 11400
P160	3/4"	COLD WATER	WALL	72"	WATER SOFTENER	BTC 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"	U/C HAND SINK	BTC
,		,	·		1	
P204	1/2"	H&C WATER	BAR DIE	15"	BLENDER STATION	BTC
	1/2" 1/2"	H&C WATER H&C WATER	BAR DIE	15" 15"	BLENDER STATION THREE COMP. SINK	BTC BTC

3 KITCHEN EQUIPMENT SCHEDULE

SAMPLE WELL DETAIL NAMEPLATE INDICATING
MFG PARK EQUIP. CU. FROM KITCHEN WASTE SEWER SYSTEM PIPING PROVIDED

BY DTHERS. <u>PLAN VIEW</u> FLOWLINE @ 3'
ABOVE STATIC REQUIREMENTS (TYP) WATER LEVEL 24" DIA. CAST IRON FRAM L& COVER. (TYPICAL OF 2) GRADE EXTENSION RINGS AS REQUIRED 3" MIN. LIQUID SURFACE MONOLITHIC BAFFLE W/ RAM-NEK FLEXIBLE PLASTIC GASKET INTERIOR COATING PVC COUPLING w/ VATERSTOP BITUMASTIC ON MDDELS 2000 GAL AND SMALLER------- FLOW DIVERTER DUTLET **ELEVATION** GREASE INTERCEPTOR SCHEDULE 
 MODEL NO.
 CAPACITY USGol
 GREASE CAP. (LBS)
 EMPTY LENGTH WIDTH WIDTH WIDTH HEIGHT FL1
 HEIGHT FL1
 OUTLET FL2

 GTA-500
 500
 1,200
 7,000
 7'-10"
 4'-4"
 4'-6"
 3'-3"
 3'-0"
 GTA-750 750 1,700 10,000 7'-10" 4'-4" 6'-0" 4'-5" 4'-2" GTA-1000 1,000 2,300 13,200 8'-8" 5'-0" 6'-0" 4'-9" 4'-6" GTA-1250 1,250 2,900 15,500 9'-0" 6'-0" 6'-0" 4'-9" 4'-6" GTA-1500 1,500 3,500 18,000 9'-0" 6'-0" 7'-0" 5'-9" 5'-6" GTA-2000 2,000 4,600 19,000 9'-0" 6'-0" 8'-0" 6'-9" 6'-6" GTA-2500 2,500 5,700 27,000 13'-0" 7'-0" 7'-0" 5'-9" 5'-6" Typical applications include commercial and industrial food service kitchens GTA-3000 3,000 6,900 30,000 13"-0" 7"-0" 8"-0" 6"-9" 6"-6" where excessive grease may interfere with the proper drainage of the sewer GTA-3500 3,500 8,000 38,500 13'-0" 7'-0" 8'-6" 7'-3" 7'-0" sewer systems. A sample well is utilized on the outlet side for sampling by the local water authoritiv OTHER SIZES ARE AVAILABLE. CONTACT US FOR MORE INFORMATION local water authoritiy. Engineering Data **Specifications** The grease interceptor is structurally & hydraulically engineered to conform to Class 1 concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor, first stage of wall and baffle with sectional riser to required depth. (Monolithic regional plumbing codes recommended in most cities. Consult with local authorities for specific application requirements. Shop drawings shall include complete structural & bouyancy calculations certified by a licensed professional engineer. baffle required, slide—in type is not acceptable REINFORCEMENT: Grade 60 reinforced with steel rebar conforming to ASTM A615 on required centers or equal. Consult with Park Equipment Company for exact excavation dimensions & shipping information. Manhole frames, covers or grates are manufactured of grey cast iron conforming to ASTM A48-76 Class 30. Manhole shall be nominal 24 inch diameter and be traffic duty. GREASE TRAP City of 500 THRU 4000 GALLON CAPACITY NONE 888-611-PARK GTA-1 DATE 01/06 www.park-USA.com

GREASE TRAP DETAIL