

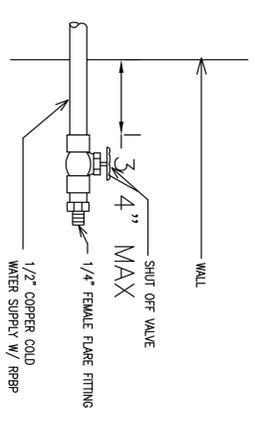
**GREASE INTERCEPTOR**

NUMBER OF MEALS PER HOUR	X	WASTE FLOW RATE	X	RETENTION TIME	X	STORAGE FACTOR	=	APPROX. INTERCEPTOR SIZE (GALLON CAPACITY)
180	X	6	X	2.5	X	1.0	=	2700 GALLONS
NOTE #1		NOTE #2		NOTE #3		NOTE #4		REFER TO DETAIL

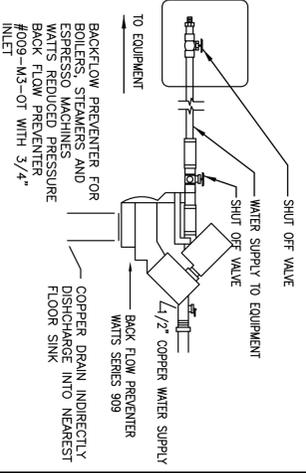
NOTE:  
 1) SEATING CAPACITY X MEAL FACTOR = NUMBER OF MEALS  
 RESTAURANT MINUTES PER MEAL = 60 MEAL FACTOR = 1.0  
 2) WASTE FLOW RATE = DISHWASHER MACHINE = 6 GALLON FLOW  
 DISCHARGE WITH 140° F. DISHWASHER MACHINE = 2.5 HOURS  
 3) RETENTION TIME = FULLY EQUIPPED COMMERCIAL KITCHEN HOURS OF OPERATION = 1.0 STORAGE FACTOR  
 4) STORAGE FACTOR = FULLY EQUIPPED COMMERCIAL KITCHEN HOURS OF OPERATION = 1.0 STORAGE FACTOR

SEATING CAPACITY OF RESTAURANT = 180 PEOPLE

**5 GREASE TRAP CALCULATIONS**



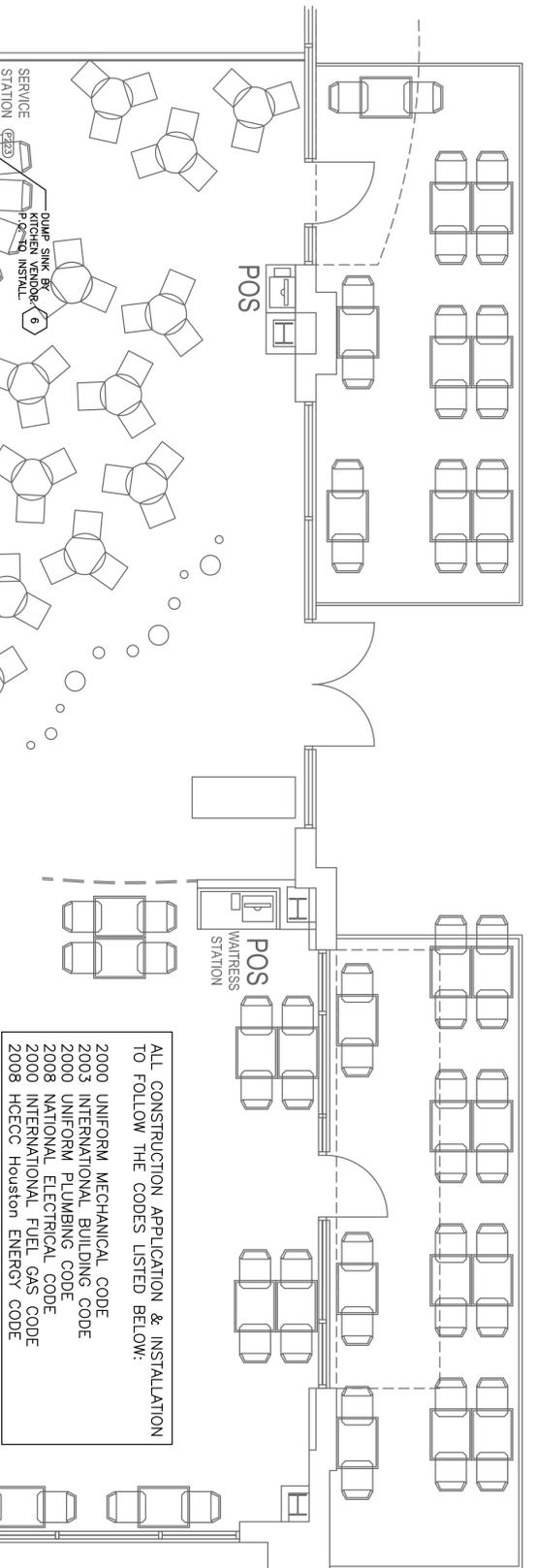
**4 SHUT OFF VALVE FOR 1/4" WATER LINES**



**3 BACKFLOW PREVENTER SODA/COFFEE/ICE**

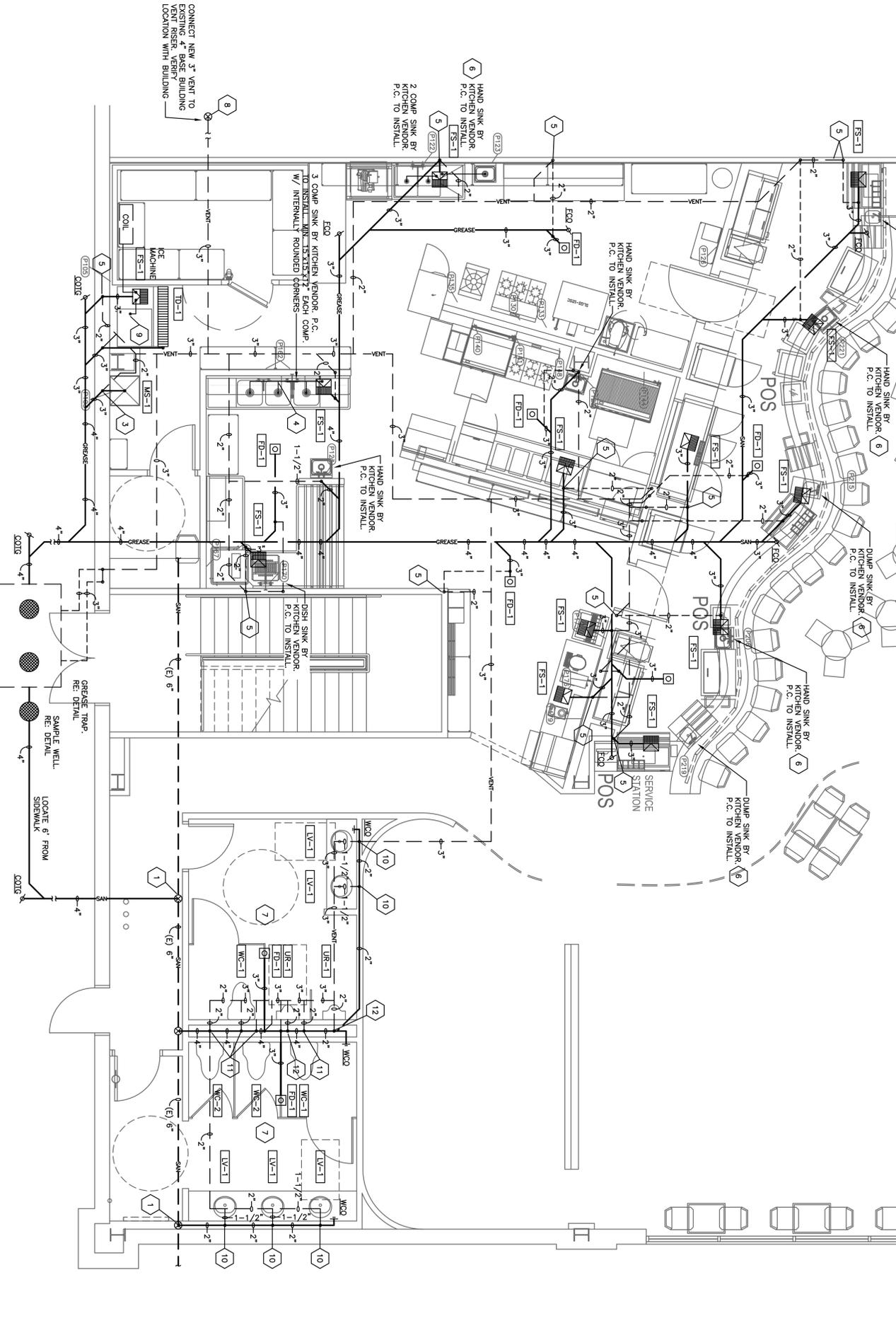
- 1) CORRELATE LOCATION OF EXIST. SANITARY SEWER LINE WITH EXISTING CONDITIONS. FIELD VERIFY LOCATION. CONNECT NEW SANITARY PIPING SERVICE SEWER TO EXISTING
- 2) MINIMUM SLOPE FOR SANITARY SEWER LINE TO BE 1/8" PER FOOT FOR 4" SANITARY LINES. 1/4" MIN. SLOPE PER FOOT FOR 2", 3" & 4" LINES.
- 3) 3" WASTE DOWN 2" VENT UP FROM MOP SINK.
- 4) 2" INDIRECT WASTE FROM THREE COMPARTMENT SINK TO BE DISCHARGED INTO FLOOR SINK.
- 5) 3" WASTE DOWN AND 2" VENT UP WALL FROM FLOOR SINK/ DRAIN
- 6) ROUTE INDIRECT DRAIN DISCHARGE FROM HAND/DUMP SINK TO FLOOR SINK. PLUMBING CONTRACTOR TO VERIFY SIZE AND MAKE FINAL CONNECTION TO ALL KITCHEN EQUIPMENT.
- 7) PLUMBING CONNECTION. TYPICAL.
- 8) CONNECT NEW 3" VENT TO BASE BUILDING. 4" VENT SYSTEM, VERIFY LOCATION.
- 9) ROUTE INDIRECT CONDENSATE DISCHARGE FROM ICE MACHINE TO FLOOR DRAIN. PLUMBING CONTRACTOR TO VERIFY SIZE AND MAKE FINAL CONNECTION TO ALL KITCHEN EQUIPMENT.
- 10) 2" WASTE DOWN AND 1-1/2" VENT UP FROM LAV
- 11) 4" WASTE DOWN AND 2" VENT UP FROM TOILET
- 12) 2" WASTE DOWN AND 2" VENT UP FROM URINAL

**2 SANITARY SEWER KEYED NOTES**



ALL CONSTRUCTION APPLICATION & INSTALLATION TO FOLLOW THE CODES LISTED BELOW:  
 2000 UNIFORM MECHANICAL CODE  
 2003 INTERNATIONAL BUILDING CODE  
 2000 UNIFORM PLUMBING CODE  
 2008 NATIONAL ELECTRICAL CODE  
 2000 INTERNATIONAL FUEL GAS CODE  
 2008 INTERNATIONAL FUEL GAS CODE  
 2008 HCECC HOUSTON ENERGY CODE

**1 FLOOR PLAN SANITARY**

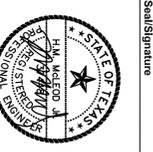


SCALE: 1/4" = 1'-0"

**TOLA RESTAURANT**  
 4601 Washington Ave  
 Houston, TX 77007

**Gensler**  
 711 Louisiana  
 Suite 300  
 Houston, Texas 77002  
 Tel: 713.844.0000  
 Fax: 713.844.0001

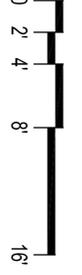
Issue	Date & Issue Description	By	Check
01	05/19/10 PERMIT/CONSTRUCTION		



PROJECT #10082  
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Project Number	
Project Name	
Project Description	
Scale	

**FLOOR PLAN SANITARY**



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