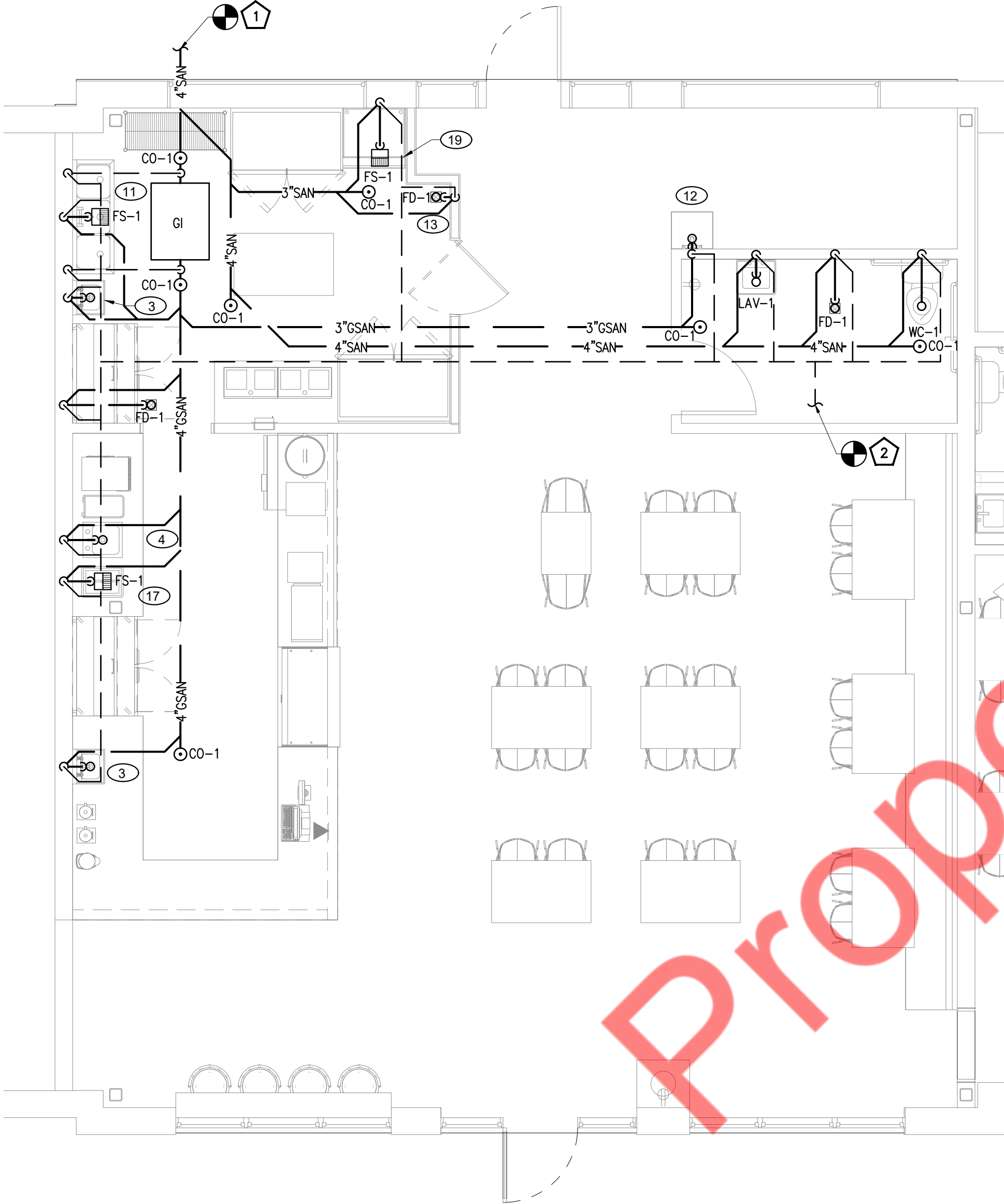


PLUMBING SYMBOLS LIST	
— V —	VENT PIPING
— SAN —	UNGD. SANITARY PIPING
— GSAN —	UNGD. GREASE WASTE PIPING
— P-TRAP —	
— PIPE UP —	
— PIPE DROP —	
	FLOOR SINK
	FLOOR DRAIN
	POINT OF CONNECTION
	CLEANOUT

PLUMBING ABBREVIATIONS	
CO-1	CLEANOUT
SAN	SANITARY
GSAN	GREASE SANITARY
V	VENT
W	WASTE
LAV-1	LAVATORY
WC-1	WATER CLOSET
FD-1	FLOOR DRAIN
GI	GREASE TRAP
FS-1	FLOOR SINK
I.D	INDIRECT DRAIN

GREASE TRAP SIZING CALCULATION									
FIXTURE	QUANTITY	DIMENSIONS			VOLUME		PERCENTAGE USAGE(%)	ACTUAL USAGE (GALLONS)	FLOW RATE(GPM) 1 MIN.
		LENGTH(IN)	WIDTH(IN)	DEPTH(IN)	CUBIC INCHES	GALLONS			
3 COMPARTMENT SINK	1	15	15	12	8100	35.1	0.75	26.3	26.3
HAND WASH SINK	2	14	14	9	3528	15.3	0.75	11.5	11.5
WAREWASH SINK	1	19	17	9	2907	12.6	0.75	9.4	9.4
SERVICE SINK	1	18	20	12	4320	18.7	0.75	14.0	14.0
FLOOR SINK	1				0	0.0	1	3.0	3.0
FLOOR DRAIN	1				0	0.0	1	0.0	0.0
TOTAL:								64.2	
PROPOSED GREASE TRAP								GB-3	
NOTE: EMERGENCY FLOOR DRAINS NOT CONSIDERED IN THE CALCULATION AS THEY WILL MOSTLY NOT BE IN OPERATION DURING ACTIVE KITCHEN USAGE.									
GREASE PRODUCTION: NUMBER OF SEATS X 4 TURNS PER SEAT X GREASE PRODUCTION VALUE X DAYS BETWEEN PUMP OUT = GREASE OUTPUT									
NUMBER OF SEATS IN FACILITY: 28									
GREASE PRODUCTION VALUE: 0.005 LBS PER SERVING									
DAYS BETWEEN PUMP OUTS: 90 DAYS									
GREASE OUTPUT: 28 X 4 X 0.005 X 90 = 50.4 LBS OF FOG									
PROPOSED GREASE TRAP MODEL: SCHIER GB2									
FLOW RATE / GREASE CAPACITY: 75 GPM / 175 LBS									
LIQUID CAPACITY: 40 GALLONS									

- PLUMBING SPECIFICATIONS:
- A. SANITARY AND VENT PIPING:
- ABOVE / BELOW GRADE PIPING SHALL BE PVC (SCHEDULE 40) AS PER ASTM D2665, ASTM F 891, ASTM F1488, CSA B181.2 STANDARDS.
 - SLOPE OF DRAINAGE SYSTEM SHALL BE 1/16" PER FOOT OF RUN FOR PIPE OVER 8" AND LARGER. 1/8" PER FOOT OF RUN FOR PIPE OVER 3" TO 6" AND 1/4" PER FOOT OF RUN FOR PIPE 2 1/2" AND SMALLER. VENT PIPING SHALL BE PITCHED TO DRAIN. SLOPE FOR GREASE SANITARY PIPING SHALL BE MINIMUM 1/4" PER FOOT RUN.



- GENERAL NOTES
- PROVIDE TRAP PRIMER FOR ALL FLOOR DRAINS AS PER THE LOCAL JURISDICTION.
 - CONTRACTOR TO FIELD VERIFY THE EXISTING SANITARY PIPING SIZE, LOCATION & INVERT ON SITE.
 - CONTRACTOR TO COORDINATE WITH KITCHEN CONSULTANT/ARCHITECT FOR FINAL EQUIPMENT SELECTION.
 - CONTRACTOR TO FIELD VERIFY FEASIBILITY OF SLAB PENETRATION AS PER STRUCTURAL REQUIREMENT.

- WASTE AND VENT PLAN KEY NOTES
- CONNECT NEW 4" SANITARY PIPING TO EXISTING SANITARY PIPE IN/NEARBY SPACE OF ADEQUATE SIZE. CONTRACTOR TO FIELD VERIFY EXACT SIZE, LOCATION AND INVERT ON SITE AND MAKE NECESSARY CHANGES IF REQUIRED.
 - CONNECT NEW 3" VENT PIPE TO EXISTING VENT PIPE IN SPACE OF ADEQUATE SIZE. CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND SIZE OF EXISTING VENT PIPE AND UPGRADE IF REQUIRED.

PLUMBING FIXTURE SCHEDULE				
LEGEND	PLUMBING FIXTURE	CONNECTION SIZE - INCHES		
		TRAP	SOIL/WASTE	VENT
WC-1	WATER CLOSET	-	4"	2"
LAV-1	LAVATORY	1 1/2"	2"	1 1/2"
3	HAND WASH SINK	1 1/2"	2"	1 1/2"
4	WARE WASH SINK	1 1/2"	2"	1 1/2"
11	3-COMPARTMENT SINK	-	INDIRECT DRAIN	-
12	SERVICE SINK	3"	3"	2"
13	WATER HEATER	-	INDIRECT DRAIN	-
17	DROP IN ICE BIN	-	INDIRECT DRAIN	-
19	ICE MACHINE	-	INDIRECT DRAIN	-
FS-1	FLOOR SINK	3"	3"	2"
FD-1	FLOOR DRAIN	3"	3"	2"

NOTE: CONTRACTOR TO COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ALL PLUMBING FIXTURES SPECIFICATIONS AND MOUNTING HEIGHT INSTALLATION.

GREASE TRAP SCHEDULE (GI)				
QTY	FLOW RATE (GPM)	GREASE CAPACITY (LBS)	MAKE	REMARKS
1	75	175	SCHIER GB3	DIMENSIONS-21"(H)X37"(L)X28"(W) SHIPPING WEIGHT- 69 LBS 90-DAY PUMPOUT CYCLE

THE CONTRACTOR SHALL PROVIDE ALL REQUIRED ACCESSORIES FOR SATISFACTORILY WORKING AS PER SITE CONDITIONS.

