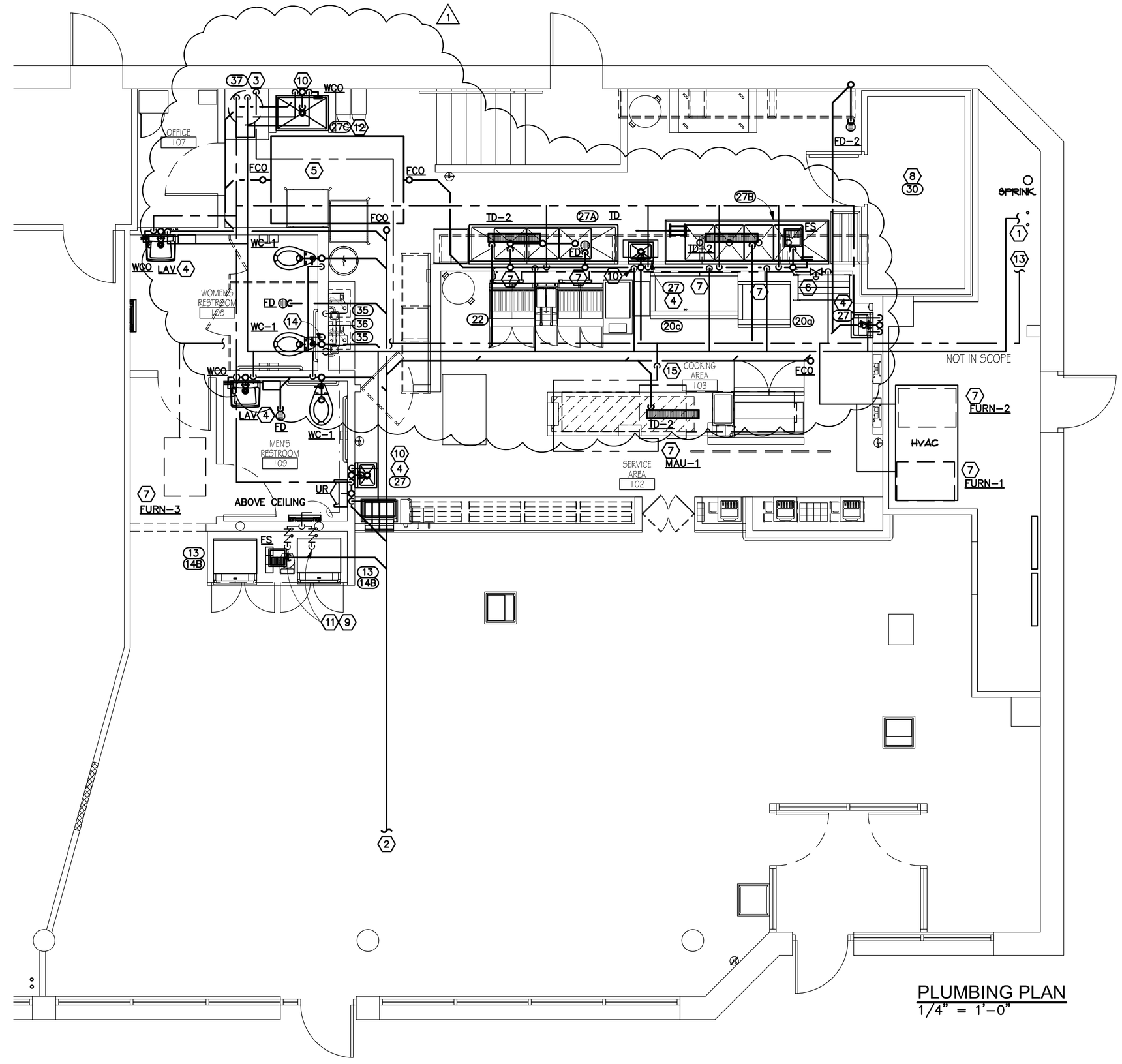
GENERAL NOTES

1. THE KITCHEN CONTRACTOR WILL BE RESPONSIBLE FOR CRITICAL DIMENSIONS, PLUMBING, AND ELECTRICAL SPECIFICATIONS FOR EQUIPMENT SUPPLIED BY KITCHEN CONTRACTOR. ALL OTHER MECHANICALS, LOCATIONS, AND SPECIFICATIONS SHOWN ON THE DRAWING FOR THE CONVENIENCE OF THE CUSTOMER, BUT NOT SUPPLIED BY THE KITCHEN CONTRACTOR SHOULD BE CHECKED AND VERIFIED BY THE ARCHITECT, OWNER AND/OR CONTRACTOR. THE PLUMBING CONTRACTOR SHALL APPLY FOR ALL NECESSARY PERMITS AND SHALL SOLICIT INSPECTIONS AND APPROVALS AS REQUIRED.
2. PLUMBING CONTRACTOR TO FURNISH ALL CONDENSATE DRAINS AND INDIRECT WASTE LINES REQUIRED FOR REFRIGERATION AND OTHER EQUIPMENT.
3. PLUMBING CONTRACTOR TO VERIFY ALL DIMENSIONS PER ARCHITECTURAL DRAWINGS, PROCURE ALL PERMITS, PREPARE STACK DIAGRAMS, ETC. (IF REQUIRED) AND SOLICIT INSPECTIONS AND APPROVALS AS REQUIRED.
4. WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE DESIGNER AND COMPANY CANNOT GUARANTEE AGAINST ERROR OR UNFORESEEN FIELD CONDITIONS. THE CONTRACTOR OR BUILDER MUST CHECK ALL DIMENSIONS AND DETAILS AND REPORT ANY DISCREPANCIES.
5. PLUMBING CONTRACTOR MUST CHECK EQUIPMENT NOT IN CONTRACT SO THAT THE SERVICE REQUIREMENTS ARE CORRECTLY TYPED, ADEQUATELY SIZED AND ROUGHED–IN PROPERLY SO AS TO MINIMIZE THE AMOUNT OF MATERIALS AND FITTINGS NEEDED FOR FINAL HOOK–UP RESULTING IN A NEAT AND ORDERLY LOOKING INSTALLATION.
6. ALL SERVICES SHOWN WITH SYMBOLS CENTERED ON FACE OF WALL SHOULD BE BROUGHT TO THAT POINT CONCEALED IN WALL AND STUBBED OUT OF WALL CENTERED AT HEIGHT SHOWN BY KITCHEN EQUIPMENT SUPPLIER OR ARCHITECT. DO NOT STUB OUT FLOOR AND RUN EXPOSED UP FACE OF WALL.
7. ALL SERVICES SHOWN WITH SYMBOLS AWAY FROM ANY WALL OR COLUMN SHOULD BE STUBBED OUT OF FLOOR TO A MAXIMUM OVERALL HEIGHT AS SHOWN BY KITCHEN EQUIPMENT SUPPLIER OR ARCHITECT.
8. ALL LABOR, TRAPS, TAILPIECES, STRAINERS, PRESSURE REDUCING VALVES AND FITTINGS REQUIRED FOR FINAL CONNECTION OF EQUIPMENT AS NECESSARY TO COMPLY WITH ALL CODES, INCLUDING ALL INTERCONNECTIONS, TO BE FURNISHED BY PLUMBING CONTRACTOR UNLESS STATED OTHERWISE IN F.S.E.C. GENERAL SPECS.
9. "THIS DRAWING IS FOR PLACEMENT OF EQUIPMENT AND/OR TYPE AND LOCATION OF PLUMBING CONNECTIONS ONLY."
10. ALL WORK SHALL BE PERFORMED IN A NEAT AND PROFESSIONAL MANNER USING GOOD ENGINEERING PRACTICES. ALL WORK SHALL CONFORM TO THE STATE'S, COUNTY'S, CITY'S, AND LOCAL CODES AND ORDINANCES, SAFETY AND HEALTH CODES, NFPA CODES, ENERGY CODES AND ALL OTHER APPLICABLE CODES AND REQUIREMENTS. THE CONTRACTOR SHALL INQUIRE INTO AND COMPLY WITH ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS. AFTER CONTRACT IS ISSUED, NO ADDITIONAL COST DUE TO CODE ISSUES SHALL BE REIMBURSED BY THE OWNER TO THE CONTRACTOR.
11. INSULATE ALL WATER AND INTERIOR CONDENSATE PIPING WITH 1" THICK (K=0.23 @ 75 F) SNAP–ON FIBERGLASS PIPE INSULATION WITH AN ALL SERVICE JACKET TO MEET LOCAL CODES AND UL FLAME SPREAD RATING OF 25 AND SMOKE DEVELOPED RATINGS OF 50. APPROVED MANUFACTURER: MANVILLE MICRO–LOK.
12. ALL WATER AND INTERIOR CONDENSATE PIPING THAT IS RUN IN EXTERIOR WALLS TO BE RUN ON INTERIOR SIDE OF WALL INSULATION. FIELD COORDINATE.

CODED NOTES

1. CONNECT NEW 2" WATER LINE TO LANDLORD PROVIDED WATER SERVICE. PROVIDE AND INSTALL WATER SUB–METER AND BACKFLOW PREVENTER WITH SHUT–OFF VALVE. FIELD VERIFY EXACT LOCATION. FIELD COORDINATE WITH LANDLORD'S REPRESENTATIVE.
2. TIE INTO EXISTING 4" SANITARY MAIN LINE. FIELD VERIFY EXACT LOCATION, INVERT ELEVATION, DIRECTION AND REQUIREMENTS PRIOR TO STARTING WORK.
3. PROVIDE AND INSTALL NEW RHEEM WATER HEATER PER WATER HEATER MANUFACTURERS RECOMMENDATIONS. PROVIDE 3" FLUE AND INTAKE AIR VENT THRU LANDLORD PROVIDED CHASE TO ROOF. TERMINATE PER MFG'S RECOMMENDATIONS. FIELD VERIFY LOCATION AND EXACT REQUIREMENTS BEFORE STARTING WORK.
4. PROVIDE AND INSTALL ASSE 1017 AND 1070 LISTED SYMMONS MODEL #S–210 MAXLINE THERMOSTATIC MIXING VALVE AT FIXTURE. SET HOT WATER TEMPERATURE TO 110°F.
5. 1000 GALLON LARGE CAPACITY GREASE INTERCEPTOR. WATTS MODEL# GI–500–K FIELD VERIFY EXACT LOCATION AND REQUIREMENTS.
6. INSTALL SHUT OFF VALVE FOR GAS SUPPLY, VALVE PROVIDED WITH HOOD ANSUL SYSTEM PACKAGE. FIELD COORDINATE. MOUNT BELOW CEILING IN ACCESSIBLE LOCATION.
7. PROVIDE MINIMUM 6" DIRT LEG, UNION AND GAS COCK AT EACH EQUIPMENT CONNECTION. INSTALL PER LOCAL GAS COMPANY REQUIREMENTS AND LOCAL CODE.
8. EXTEND CONDENSATE DRAINS FROM COOLER EVAPORATOR COIL FLOOR DRAIN. RUN DOWN THRU WALL. CAULK AND SEAL PENETRATION THRU WALL/COOLER WALL.
9. INSTALL COPPER DRAIN PIPING FROM ICE MACHINES TO FLOOR SINK BELOW.
10. FURNISH AND INSTALL WATER HAMMER ARRESTERS IN THE DOMESTIC COLD AND HOT WATER PIPING. ARRESTERS WITH A MINIMUM 15 FIXTURE UNIT CAPACITY.
11. PROVIDE AND INSTALL A WATTS SERIES 7 DUAL CHECK VALVE ON THE WATER LINE TO THE EQUIPMENT INDICATED ON THE PLAN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODE. FIELD VERIFY EXACT REQUIREMENTS.
12. PROVIDE FIAT MODEL #830–AA HOT AND COLD UTILITY FAUCET WITH VACUUM BREAKER FOR THE CHEMICAL SANITIZING SYSTEM. VERIFY CHEMICAL SANITIZING SYSTEM REQUIREMENTS BEFORE STARTING WORK. PROVIDE SANITIZING SYSTEM WITH SIDEKICK PER MANUFACTURER'S RECOMMENDATIONS. FIELD VERIFY EXACT LOCATION WITH OWNER. SEE EQUIPMENT DRAWINGS FOR MORE INFORMATION.
13. TIE INTO EXISTING LANDLORD 4" GAS TAP. FIELD VERIFY EXACT METER SIZE, LOCATION AND REQUIREMENTS PRIOR TO ROUGH–IN.
14. PROVIDE AND INSTALL 3" VENT THRU ROOF. FIELD VERIFY LOCATION AND EXACT REQUIREMENTS BEFORE STARTING WORK. VENT TO BE A MINIMUM OF 10'–0" FROM ANY FRESH AIR INTAKE.
15. RUN GAS LINE UP THRU ROOF TO ROOFTOP EQUIPMENT. ALL ROOF CUTTING AND PATCHING SHALL BE BY THE LANDLORD'S ROOFING CONTRACTOR AT THIS CONTRACTORS EXPENSE. FIELD VERIFY EXACT REQUIREMENTS AND FIELD COORDINATE WITH LANDLORD'S REPRESENTATIVE.



PLUMBING PLAN
1/4" = 1'–0"

SEE SHEET P2 FOR SIZES OF SANITARY, WATER AND GAS LINES (SHOWN ON ISOMETRICS)

PROVIDE PVC–DWV INSTEAD OF COPPER OR CAST IRON, AND PVC FOR WATER IF ACCEPTABLE PER LOCAL CODE.

PLUMBING SCHEDULE

ALL EQUIPMENT IN SCHEDULE MAY NOT BE USED.

NO.	DESCRIPTION	MANUFACTURER	DRAIN	CW	FW	HW	GAS MBH	REMARKS
13	8–VALVE SODA DISPENSER	LANCER	1/2"					6" AIR GAP BETWEEN UNIT AND WALLS, CAULK TO COUNTER IF LEGLESS. PROVIDE AND INSTALL WATTS #9BD BACKFLOW PREVENTER, NSF 25 CERTIFIED
14	ICE MACHINE	HOSHIZAKI	3/4"		1/2"			PROVIDE AND INSTALL WATTS SERIES 7 DUAL CHECK VALVE BACKFLOW PREVENTER (ASSE 1024 CERTIFIED) BEFORE FILTER PACK FOR THIS UNIT.
20A	GAS GRIDDLE	MAGIKITCH'N					90	
20C	GAS GRIDDLE	MAGIKITCH'N					120	
22	GAS FRYER	PITCO					80	
27	HAND SINK	SOUTHERN STAINLESS	1 1/2"	1/2"		1/2"		
27A	3 COMPARTMENT SINK	SOUTHERN STAINLESS	2"	3/4"		3/4"		INDIRECT TO FLOOR SINK, 140° HW
27B	4 COMPARTMENT SINK	SOUTHERN STAINLESS	2"	3/4"		3/4"		INDIRECT TO FLOOR SINK, 140° HW
27C	MOP SINK	FIAT	3"	3/4"		3/4"		140° HW
30	WALK–IN COOLER	SOUTHERN STAINLESS	3/4"					INDIRECT TO OPEN SITE DRAIN
35	CARBONATOR	McCANN			1/2"			PROVIDE AND INSTALL WATTS #SD–2 BACKFLOW PREVENTER, ASSE 1032 CERTIFIED
36	WATER FILTER	EVERPURE		3/4"	3/4"			PROVIDE AND INSTALL WATTS SERIES 7 DUAL CHECK VALVE BACKFLOW PREVENTER (ASSE 1024 CERTIFIED) FOR THIS UNIT.
37	WATER HEATER	RHEEM	3/4"	1"		1"	130	MODEL #HE 55–130

PLUMBING FIXTURE SCHEDULE

WC–1 (H.C.) WATER CLOSET – ZURN MODEL #Z5665.214, FLUSH VALVE, WATER SAVER, VITREOUS CHINA, 17 1/4" RIM HEIGHT MEETS ADA GUIDELINES AND ANSI REQUIREMENTS FOR PEOPLE WITH DISABILITIES. FURNISH WITH Z559 SS–EL.

UR URINAL – ZURN MODEL #Z5750, 17" RIM HEIGHT MEETS ADA GUIDELINES AND ANSI REQUIREMENTS FOR PEOPLE WITH DISABILITIES. PROVIDE WITH FLUSH VALVE MODEL #Z6003AV–EWS

LAV (H.C.) LAVATORY – ZURN #Z5344 WITH ZURN #Z6915–F CHROME PLATED FAUCET

WHA WATER HAMMER ARRESTOR – SIOUX CHIEF 660 SERIES OR EQUAL BY PRECISION PLUMBING PRODUCTS, IN.

FS FLOOR SINK – ZURN MODEL 1902 WHITE A.R.E. INTERIOR CAST IRON BODY, SEEPAGE PAN 1/2 NICKEL BRONZE STRAINER 4" BOTTOM CAULK OUTLET.

FD FLOOR DRAIN – ZURN 415B CAST IRON BODY WITH TYPE "B" STRAINER.

FD–2 OPEN SITE DRAIN – ZURN 415B CAST IRON BODY WITH TYPE "B" STRAINER, 4" FUNNEL

TD TRENCH DRAIN – ZURN #Z–890–KC WITH PAN AND CLAMPING COLLAR–24" IN LENGTH

TD–2 TRENCH DRAIN – ZURN #Z–890–KC WITH PAN AND CLAMPING COLLAR–36" IN LENGTH

TD–3 TRENCH DRAIN – ZURN #Z–890–KC WITH PAN AND CLAMPING COLLAR–48" IN LENGTH

FCO FLOOR CLEANOUT – ZURN #ZN–1400–HD.

WCO WALL CLEANOUT – ZURN Z–1441 WITH STAINLESS STEEL COVER

CO CLEANOUT – ZURN #ZN–1400–HD.

BP BEVERAGE STATION PUMP – ZOELLER MODEL #M98 WITH ZOELLER BASIN MODEL #131 FLOOR MOUNTED 5 GAL. 115V, 1Ø, 1/2 H.P. 25 GPM,

LEGEND AND NOTES *

EX CW	EXISTING COLD WATER
CW	COLD WATER
HW	140°F HOT WATER
EX SAN	EXISTING SANITARY
SAN	SANITARY
GR SAN	GREASE SANITARY
FW	FILTERED WATER
EX G	EXISTING GAS
G	GAS
	FLOOR DRAIN
	FLOOR SINK
	DROP
	BALL VALVE
	GATE VALVE
	VENT THRU ROOF

* ALL SYMBOLS MAY NOT BE USED

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REVISIONS:

No.	DATE:	DESCRIPTION:
	12/13/10	ISSUED FOR PERMIT
1	01/21/11	REVISED PER L.L. MUNICIPAL & CORP. COMMENTS
	02/08/201	ISSUED FOR CONSTRUCTION

PROJECT NUMBER: 10232
DRAWN BY: KS
CHECKED BY: DR

SHEET TITLE:
PLUMBING PLAN

SHEET NUMBER:
P1