

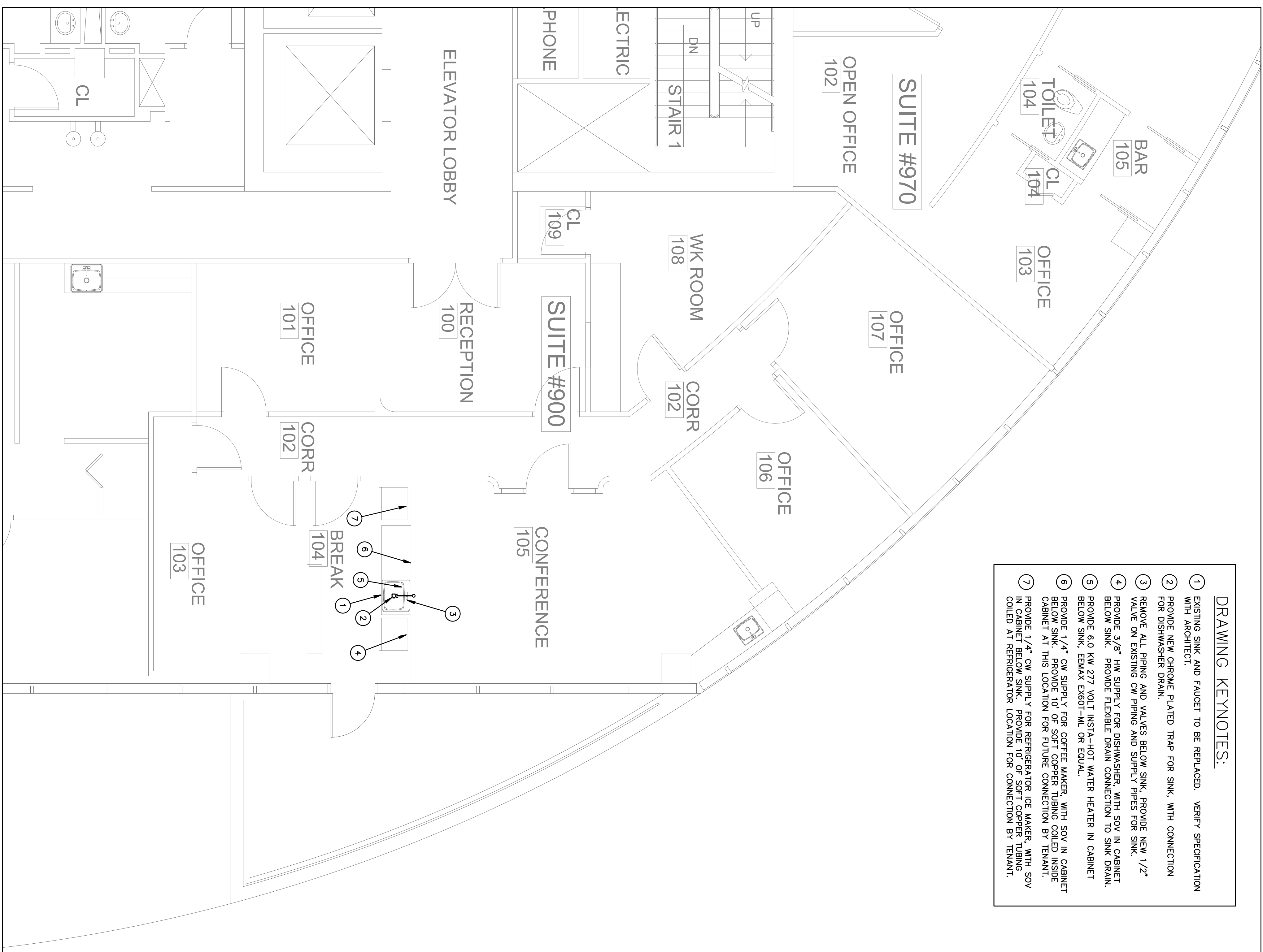
WATER ISOMETRIC

SYMBOLS & ABBREVIATIONS	
CONDENSATE LINE	CD
HOT WATER PIPE	HW
COLD WATER PIPE	CW
GATE VALVE (SHUT-OFF VALVE)	SDV
SANITARY LINE	SAN
VENT LINE	
EXISTING SANITARY LINE	EX-SAN
EXISTING COLD WATER SUPPLY LINE	EX-CW
SINK	SK
REFRIGERATOR	REF
COFFEE MACHINE	CM
LAVATORY	LAV
MDP SINK	MS
DRINKING FOUNTAIN	DF
WATER HAMMER ARRESTOR	WHA
CONNECTION TO EXISTING SYSTEMS	

PLUMBING GENERAL NOTES:

1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN STRICT ACCORDANCE WITH APPLICABLE LOCAL CODES, RULES AND ORDINANCES.
2. CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
3. ALL MATERIAL SHALL BE NEW.
4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE.
5. NO COMBUSTIBLE MATERIAL TO BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
6. REQUIRED INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION OF EXISTING UTILITIES AND PROTECTION OF THE LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTION & TESTS. DRAWINGS ARE DIAGRAMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
7. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ENGINEER/ARCHITECT PRIOR TO BEGINNING CONSTRUCTION.
8. CONSTRUCTION ADVISE ENGINEER OF ANY DISCREPANCIES.
9. WATER PIPING SHALL BE TYPE "L" COPPER.
10. SOIL, WASTE, VENT AND STORM DRAIN PIPING SHALL BE CAST IRON NO HUB
11. 301-72 ABOVE GRADE AND SCH. 40 PVC BELOW GRADE.
12. FURNISH AND INSTALL APPROVED SHOCK ARRESTORS AT EACH PLUMBING FIXTURE GROUP AND AT QUICK CLOSING VALVES.
13. INSULATE PER A.O.A. ALL EXPOSED HANDICAP LAVATOIRES DRAIN PIPING AND HOT & COLD WATER SUPPLY PIPING. INSULATION SHALL BE SMOOTH SURFaced UP TO APPROVED MANUFACTURE PLUMBERS HANDS SHIELD TO BE PROVIDED WITH READY ACCESSIBLE STOPS & APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
14. PROVIDE CHROME PLATED COMBINATION COVER PLATE & CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS ZURN ZS-1469 SERIES C.O. OR OTHER APPROVED ACCESS PANEL.
15. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND BEHIND CONDUITS.
16. ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PAD. (HAIR FELT LINING).
17. ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILLING VOIDS BETWEEN PIPE & WALL/FLOOR SLEEVES WITH U.L. APPROVED FIRE/SMOKE/WATER SEALANT.
18. CONTRACTOR SHALL GUARANTEE ALL MATERIALS & WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF COMPLETION. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DEFECTS WHICH MAY OCCUR WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED. PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES AND ALL WATER HAMMER ARRESTERS. ACCESS PANELS IN RATED WALLS MUST MAINTAIN THE SAME RATING & MUST MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
19. CONDENSATE DRAIN TO BE COPPER DRAIN.
20. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM THE NEAREST PLUMBING FIXTURE OR PROVIDE SLOUX CHIEF #695 TRAP PRIMER.
21. NO COMBUSTIBLE MATERIAL TO BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.

- DRAWING KEYNOTES:**
1. EXISTING SINK AND FAUCET TO BE REPLACED. VERIFY SPECIFICATION WITH ARCHITECT.
 2. PROVIDE NEW CHROME PLATED TRAP FOR SINK, WITH CONNECTION FOR DISHWASHER DRAIN.
 3. REMOVE ALL PIPING AND VALVES BELOW SINK. PROVIDE NEW 1/2" VALVE ON EXISTING CW PIPING AND SUPPLY PIPES FOR SINK.
 4. PROVIDE 3/8" HW SUPPLY FOR DISHWASHER, WITH SOV IN CABINET BELOW SINK. PROVIDE FLEXIBLE DRAIN CONNECTION TO SINK DRAIN.
 5. PROVIDE 6.0 KW 277 VOLT INSTA-HOT WATER HEATER IN CABINET BELOW SINK. EMAX EX60T-ML OR EQUAL.
 6. PROVIDE 1/4" CW SUPPLY FOR COFFEE MAKER, WITH SOV IN CABINET BELOW SINK. PROVIDE 10' OF SOFT COPPER TUBING COILED INSIDE CABINET AT THIS LOCATION FOR FUTURE CONNECTION BY TENANT.
 7. PROVIDE 1/4" CW SUPPLY FOR REFRIGERATOR ICE MAKER, WITH SOV IN CABINET BELOW SINK. PROVIDE 10' OF SOFT COPPER TUBING COILED AT REFRIGERATOR LOCATION FOR CONNECTION BY TENANT.



PLUMBING PARTIAL FLOOR PLAN

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

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REVISIONS

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DRAWN BY GD

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