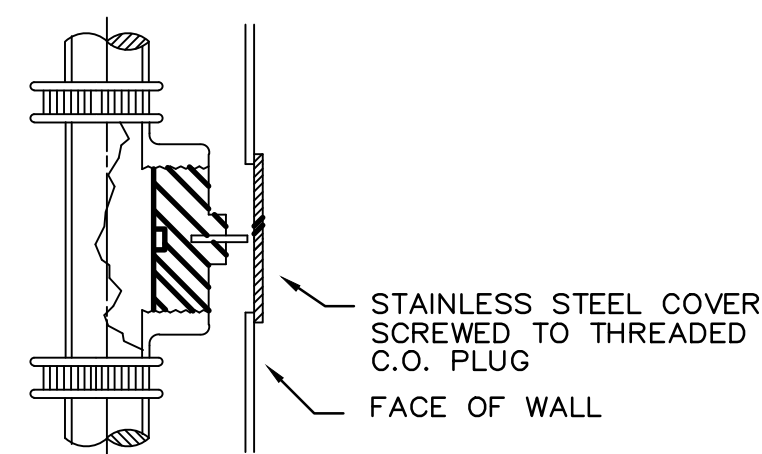
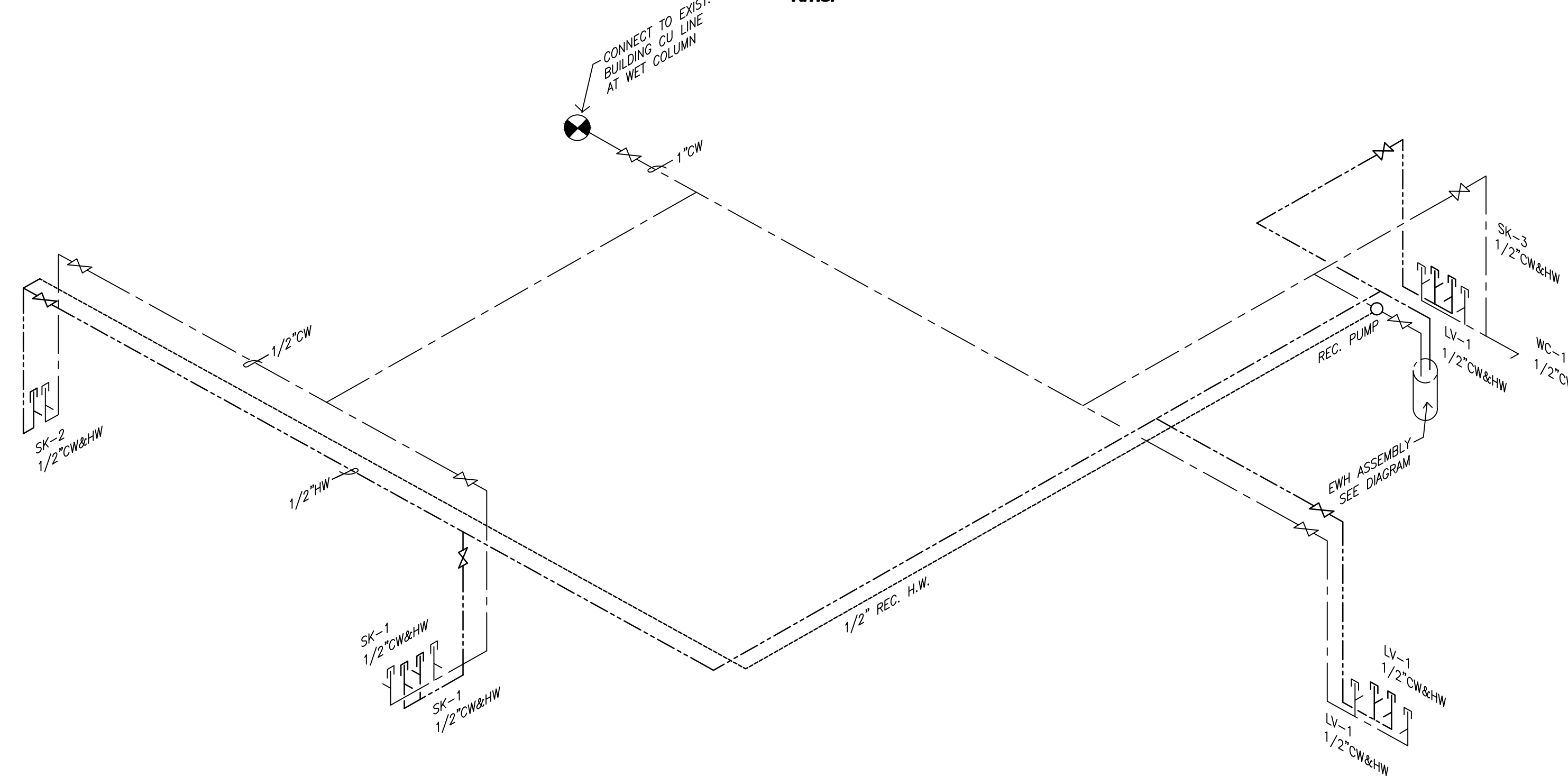
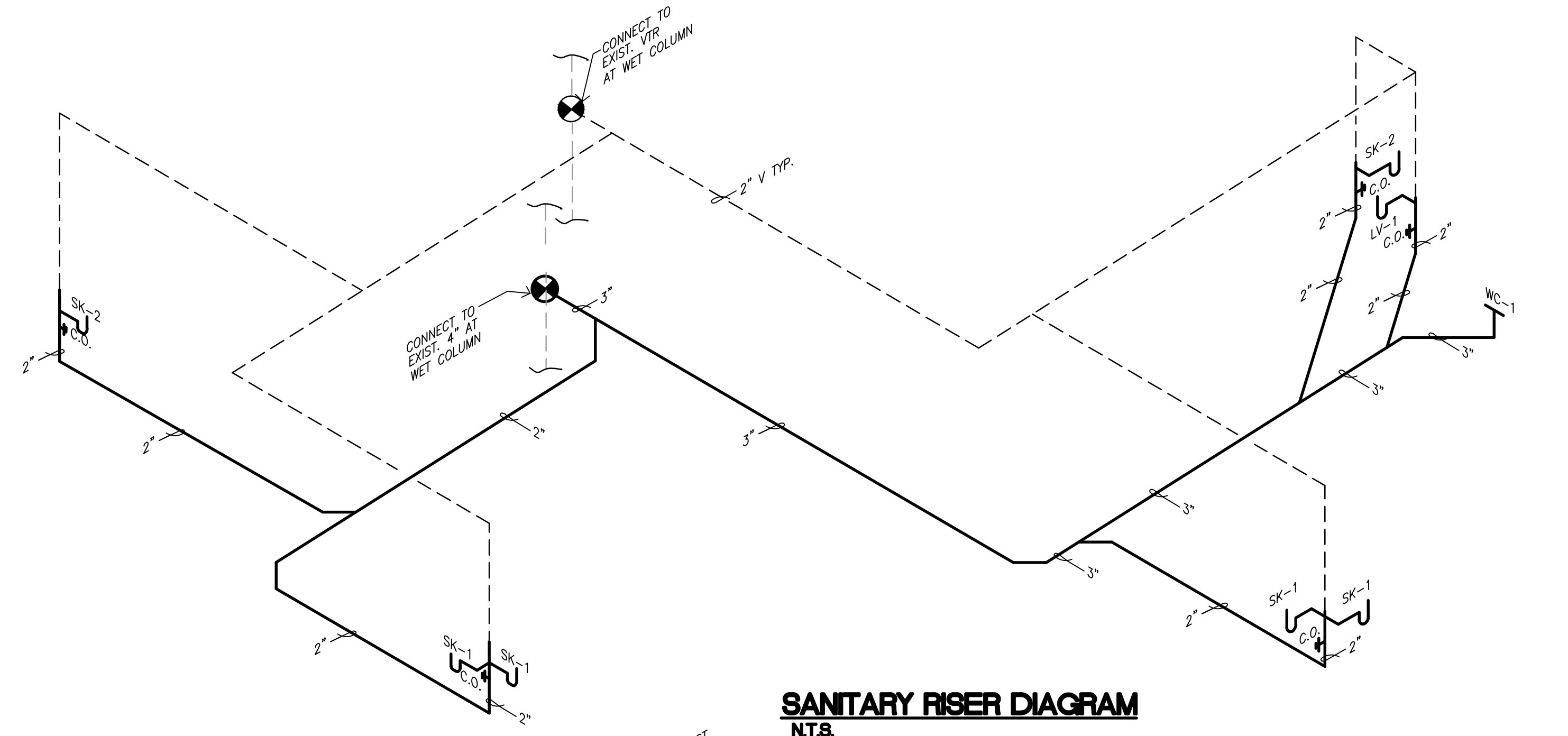


PLUMBING GENERAL NOTES:

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. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
6. REQUIRED INSURANCE SHALL BE PROVIDED BY THE CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK.
7. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTION & TESTS.
8. DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
9. 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.
10. VERIFY LOCATION, SIZE, INVERTS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ADVISE ENGINEER OF ANY DISCREPANCIES.
11. WATER PIPING SHALL BE TYPE "L" COPPER FOR 2" & UNDER & TYPE "K" COPPER FOR 2-1/2" AND ABOVE. ALL UNDERGROUND WATER PIPING SHALL BE TYPE "K" COPPER.
12. SOIL, WASTE, VENT AND STORM DRAIN PIPING SHALL BE SCHED. 40 PVC.
13. AIR CONDITIONING CONDENSATE DRAIN PIPING SHALL BE SCHED. 40 PVC. INSULATE ALL CONDENSATE PIPING EXCEPT UNDERGROUND AND ELECTRIC HEAT WRAP WHERE EXPOSED TO FREEZING CONDITIONS.
14. INSULATION:
 - 14A. HOT WATER & HOT WATER RETURN PIPING:
 - 1 1/2" TO 1" USE 1" PREFORMED FIBERGLASS PIPE INSULATION W/ FACTORY JACKET.
 - 1 1/4" TO 2" USE 1 1/2" PREFORMED FIBERGLASS PIPE INSULATION W/ FACTORY JACKET.
 - 2 1/2" TO 6" USE 2" PREFORMED FIBERGLASS PIPE INSULATION W/ FACTORY JACKET.
 - 14B. INSULATE PER A.D.A. ALL EXPOSED HANDICAP LAVATORIES DRAIN PIPING AND HOT & COLD STOP AND SUPPLIES. COVERS SHALL BE SOFT, REMOVABLE AND UPC APPROVED. MANUFACTURE: PLUMBEREX HANDY-SHIELD OR PRO-SERIES.
 - 14C. INSULATION IN ANY FIRE RATED WALL ASSEMBLY SHALL BE PREFORMED FIBERGLASS PIPE INSULATION.
 15. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS & APPROPRIATELY MARKED ACCESS PANELS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
 16. FURNISH AND INSTALL SIOUX CHIEF #660SB WATER HAMMER ARRESTOR AT ALL WASHING MACHINES, BATH TUBS & SHOWERS IN ALL RESIDENTIAL UNITS. WHERE TUB SHOWER HEAD EXCEEDS 6 FEET FROM TUB VALVE OR WHERE TUB FILL SPOUT IS MORE THAN 6 FEET FROM TUB VALVE A SIOUX CHIEF #695-01 SHALL BE INSTALLED WITHIN 12" ON THE SUPPLY SIDE OF THE VALVE. PROVIDE A SIOUX CHIEF HYDRA-RESTER AT EACH GROUP OF FIXTURES IN COMMERCIAL BUILDINGS.
 17. DIELECTRIC COUPLINGS ARE REQUIRED BETWEEN ALL DISSIMILAR METAL IN PIPING AND EQUIPMENT CONNECTIONS.
 18. ISOLATE COPPER PIPE FROM HANGER OR SUPPORTS WITH ISOLATOR PAD. (HAIR FELT LINING).
 19. 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.
 20. CONTRACTOR SHALL GUARANTEE ALL MATERIALS & WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
 21. PROVIDE 1/2" TRAP PRIMER LINE FOR ALL FLOOR DRAINS FROM THE NEAREST PLUMBING FIXTURE OR PROVIDE SIOUX CHIEF #695 TRAP PRIMER.
 22. 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.
 23. PROVIDE CHROME PLATED COMBINATION COVER PLATE & CLEANOUT PLUG OR ACCESS PANEL FOR ALL WALL CLEANOUTS ZURN ZS-1469 SERIES C.O. OR APPROVED ACCESS PANEL.
 24. NO COMBUSTIBLE MATERIAL TO BE USED IN MECHANICAL ROOMS OR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
 25. NO WATER, SANITARY OR DRAINAGE PIPING PERMITTED IN ELECTRICAL OR ELEVATOR EQUIPMENT ROOMS.; WATER STUBBED THRU FOR ELECTRICAL GROUND & SPRINKLER HEAD AND PIPE WITH CONTROL VALVE AS APPROVED BY LOCAL BUILDING AND FIRE DEPARTMENTS.
 26. ALL HOSE BIBBS SHALL BE CHROME PLATED 3/4" SOLID FLANGE THREADED HOSE & LOOSE KEY W/VACUUM BREAKER - WATTS 8A, MOUNTED 26" ABOVE GRADE WALL HYDRANTS TO BE ZURN Z-1350-5 OR FINISH FLOOR UNLESS OTHERWISE NOTED.
 27. INTERIOR FLOOR CLEANOUTS SHALL BE ZURN ZN1400.
 28. ALL PLUMBING FIXTURES SHALL MEET STATE AND LOCAL CODES.
 29. THE HVAC CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, ON SITE, A DETAILED AS-BUILT PLAN SHOWING ACTUAL INSTALLATIONS. THE CONTRACTOR IS TO PROVIDE A NEATLY DRAWN COMPREHENSIVE AS-BUILT SET OF PLANS UPON COMPLETION, WHICH ARE SUITABLE FOR SUBMISSION TO THE BUILDING DEPARTMENT AND TO THE OWNER.



WALL TYPE CLEANOUT
NT8.

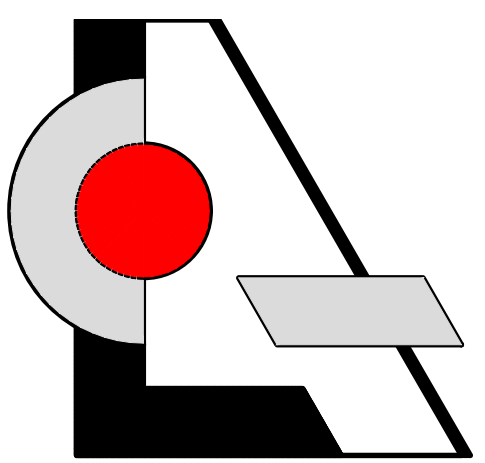


PLUMBING SYMBOLS + ABBREVIATIONS

—	COLD WATER PIPE	CW
—	HOT WATER PIPE	HW

PROVIDE HAMMER ARRESTORS ON ALL QUICK CLOSING WATER VALVES

NOTE: ALL WATER LINES ARE 3/4" U.O.N. MATERIAL: HARD DRAWN SEAMLESS COPPER



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REVISIONS / DATE

**Interior Improvement for
Prospective Doctors Suite**
9960 Central Park Boulevard, Suite 375
Boca Raton, FL 33428

LESLAW A. CZACZYK AIA

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DRAWN BY	AAA
DATE	10/14/16
SCALE	AS SHOWN

**DIAGRAMS
NOTES**