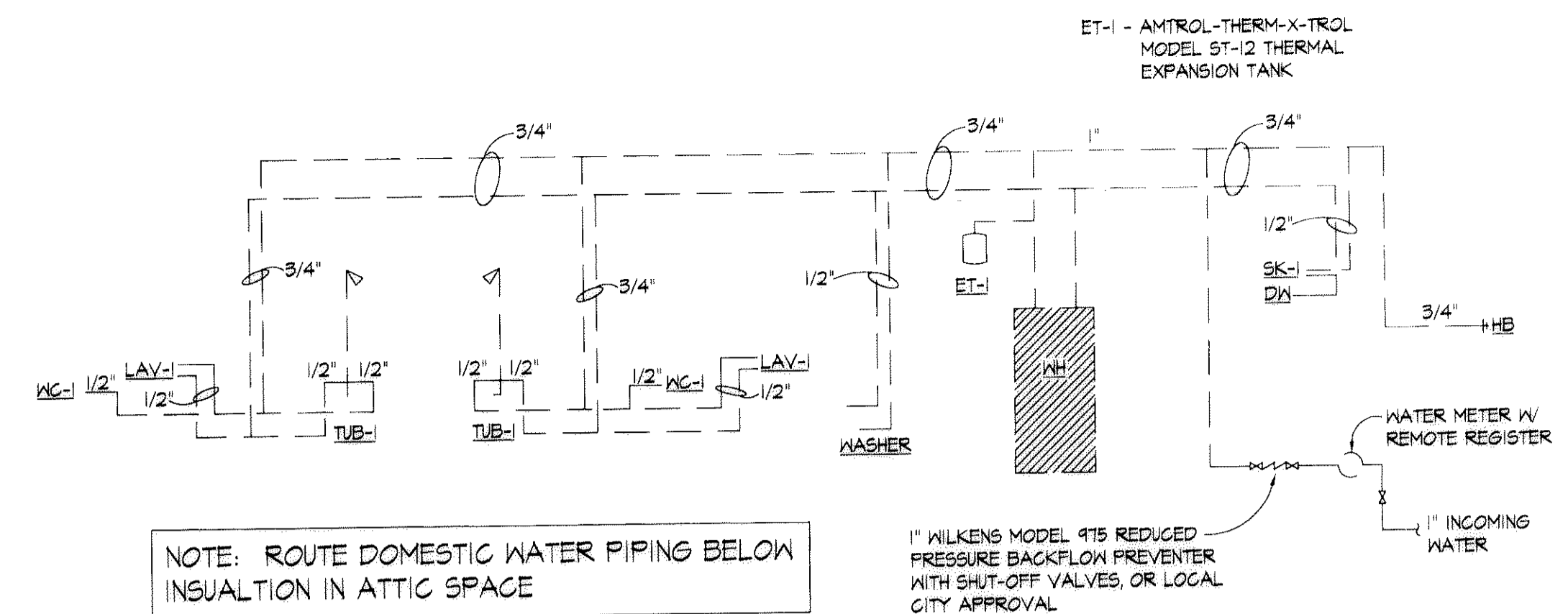
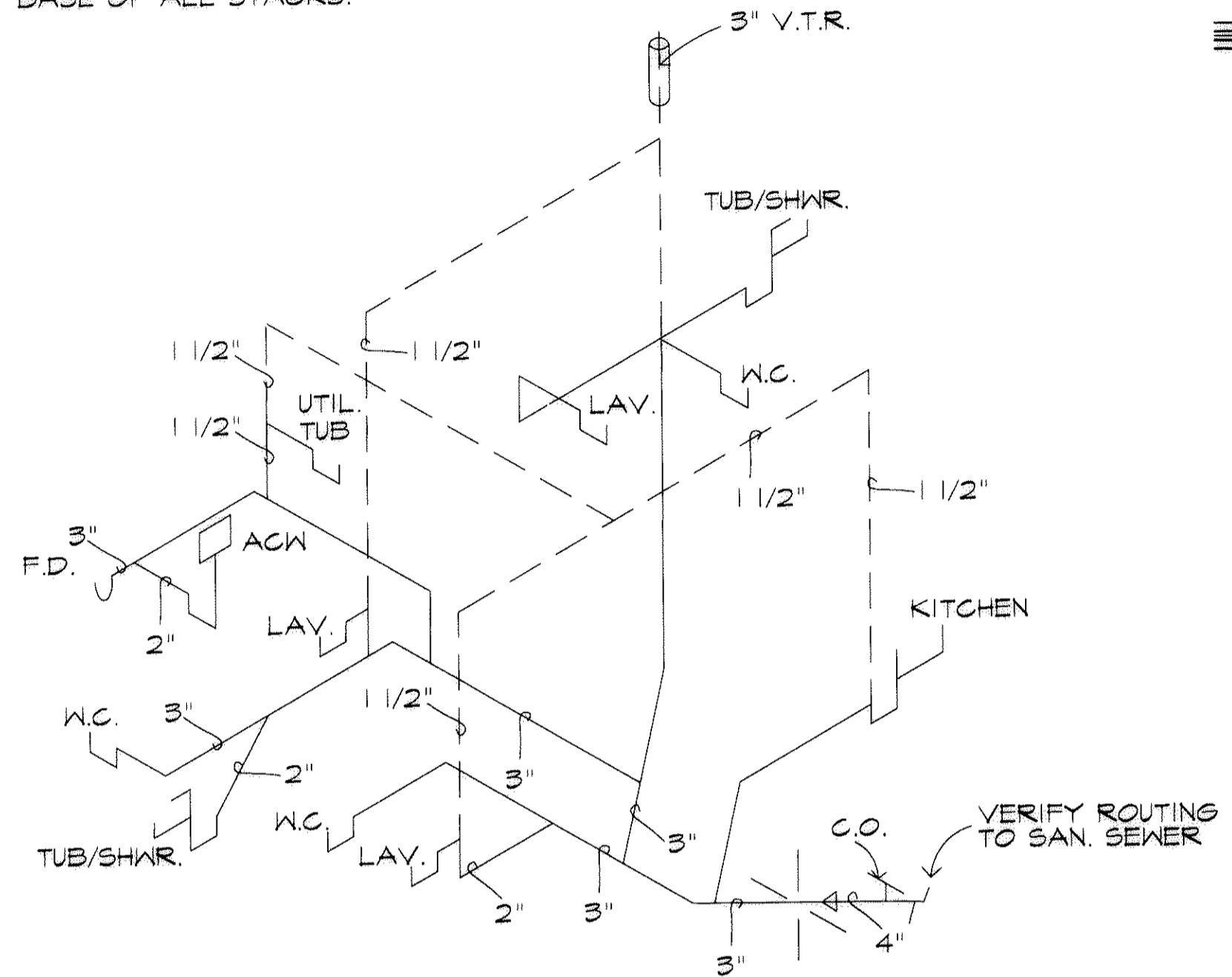


1. PLUMBING CONTRACTOR SHALL FURNISH LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE ALL OF HIS WORK AND FURNISH A COMPLETE JOB ALL IN ACCORDANCE WITH LOCAL AND STATE GOVERNING AUTHORITIES AND OTHER AUTHORITIES HAVING JURISDICTION OVER HIS WORK.
2. ALL WORK SHALL COMPLY WITH LOCAL AND STATE CODES, ORDINANCES OR AGENCIES HAVING JURISDICTION OF HIS WORK.
3. THE CONTRACTOR SHALL SECURE AND PAY FOR ALL INSPECTIONS REQUIRED AND SHALL ALSO SECURE AND PAY ALL FEE REQUIRED BY THE UTILITY COMPANIES IN CONNECTION WITH THE WORK.
4. LOCATION OF EQUIPMENT AND FIXTURES, PIPING AND OTHER MECHANICAL WORK IS INDICATE DIAGRAMMATICALLY ON THE DRAWING. PLUMBING CONTRACTOR SHALL DETERMINE EXACT LOCATIONS AND DIMENSIONS ON JOB, SUBJECT TO STRUCTURE CONDITIONS AND WORK OF OTHER CONTRACTORS.
5. NO ELECTRICAL OR TELEPHONE CABLES SHALL RUN IN THE SAME TRENCHES AS PLUMBING LINE, NOR SHALL ANY ATTACHMENTS BE MADE TO PLUMBING LINES EXCEPT THOSE SET FORTH IN THE NATIONAL ELECTRIC CODE.
6. DRAWINGS INDICATE THE MINIMUM STANDARDS BUT SHOULD ANY WORK BE SUBSTANDARD TO ORDINANCES, LAWS CODES, RULES OR REGULATIONS BEARING ON THE WORK, THE PLUMBING CONTRACTOR SHALL EXECUTE THE WORK IN ACCORDANCE WITH SUCH ORDINANCES, LAWS, CODES, RULES OR REGULATIONS WITHOUT INCREASE IN COST TO OWNER, ARCHITECT OR GENERAL CONTRACTOR.
7. PIPE HANGERS, SUPPORTS OR ANCHORING DEVICES SHALL BE OF THE SAME MATERIALS AS THE PIPING. DIELECTRIC INSULATION FITTINGS SHALL BE USED WHERE PIPE OF DISSIMILAR METALS ARE CONNECTED.
8. PLUMBING CONTRACTOR SHALL EXCAVATE AND BACKFILL HIS TRENCHES ON THE INTERIOR AND EXTERIOR OF THE BUILDING AND SHALL REMOVE ALL HIS OWN DEBRIS. IF HE DOES NOT, THE GENERAL CONTRACTOR SHALL REMOVE THE DEBRIS AND BACKCHARGE FOR THE REMOVAL.
9. PLUMBING CONTRACTOR SHALL PERFORM HIS WORK IN A TIMELY MANNER SO AS NOT TO DELAY OTHER CONTRACTORS. IF HE DOES DELAY OTHER CONTRACTORS, AND IN THE PROCESS CAUSES DAMAGE, OR HAS TO REMOVE THEIR WORK TO COMPLETE HIS, HE SHALL BE BACKCHARGED FOR THE REPAIR OR REPLACEMENT OF THEIR WORK.
10. ALL WATER PIPING OUTSIDE THE BUILDING SHALL BE INSTALLED A MINIMUM OF 4'-0" DEEP TO THE BUILDING WALL.
11. WATER SERVICE SHALL BE INSTALLED IN ONE PIECE FROM THE CURB BOX TO THE METER WITH NO FITTINGS. THE PLUMBER SHALL MAKE THE FINAL CONNECTIONS AT THE CURB BOX.
12. WATER PIPING INSTALLED BELOW THE SLAB SHALL HAVE ISOLATION SLEEVES. "ARMAFLEX" OR EQUAL WHEN PASSING THROUGH CONCRETE OR MASONRY SLAB WALL.
13. ALL PIPING BELOW GRADE SHALL BE SOFT COPPER TYPE "K", ALL PIPING ABOVE SLAB OR GRADE SHALL BE HARD COPPER TYPE "L".
14. PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORTS FOR METERS AND AS REQUIRED FOR EQUIPMENT AND/OR EQUAL FIXTURES FURNISHED OR PROVIDED TO HIM.
15. INSULATE ALL EXPOSED COLD WATER LINES WITH 1/2" "ARMAFLEX" OR EQUAL. TURN UP INTO WALLS AS SHOWN WITH ISOLATION SLEEVES, "ARMAFLEX" OR EQUAL.
16. ALL FLOOR DRAINS SHALL BE SET BELOW FINISH CONCRETE SLAB LEVEL. CONCRETE CONTRACTOR SHALL SLOPE FLOORS TO DRAINS AT 1/4" PER FOOT TO FLOOR DRAIN.
17. PLUMBING CONTRACTOR SHALL SET LEVEL ALL HOT WATER HEATERS AND FIXTURES INSTALLED BY HIM.

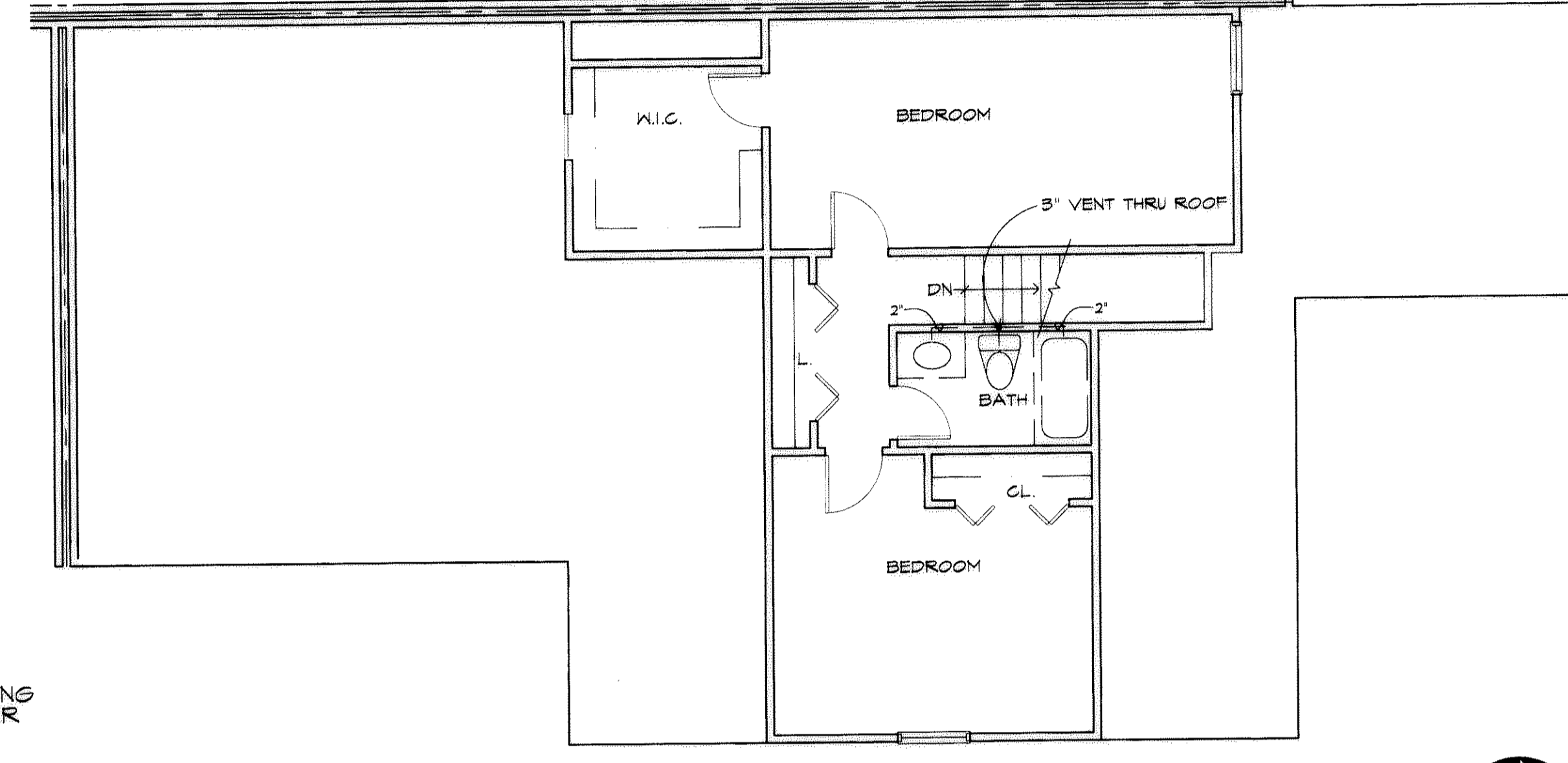
18. ALL HOSE BIBS SHALL BE VACUUM BREAKER TYPE 1/2" STEM MINIMUM.
19. FURNISH AND INSTALL CHROME STOPS ON ALL FIXTURES.
20. BUILDING WATER SUPPLY SYSTEMS SHALL HAVE FURNISHED AND INSTALLED A DEVICE SUCH AS AIR CHAMBERS TO ABSORB INCREASES IN PRESSURES.
21. FIXTURE SUPPLIES SHALL BE BRASS OR COPPER TYPE, CHROME PLATED WHEN EXPOSED.
22. FURNISH AND INSTALL BACKFLOW PREVENTORS ON ALL SERVICE LINES AND LINES TO EQUIPMENT TO BUILDINGS, UNLESS NOT REQUIRED BY GOVERNING AUTHORITIES HAVING LAWFUL JURISDICTION.
23. ALL TRAPS TO BE 18 GA. MINIMUM CHROME.
24. WATER HEATERS, ALL AUTOMATIC STORAGE WATER HEATER(S) SHALL HAVE A STAND-BY LOSS NOT EXCEEDING THAT ALLOWED BY THE STATE ENERGY CODE WHEN TESTED IN ACCORDANCE WITH ANSI, C72.1-72 AND ANSI, Z21.1-10.3-74.
25. FURNISH AND INSTALL CLEANOUTS IN BUILDING AND BRANCH DRAINS, NOT EXCEEDING 50'-0" ON CENTERS, 5'-0" OUTSIDE BUILDING WALL AT THE BASE OF ALL STACKS.



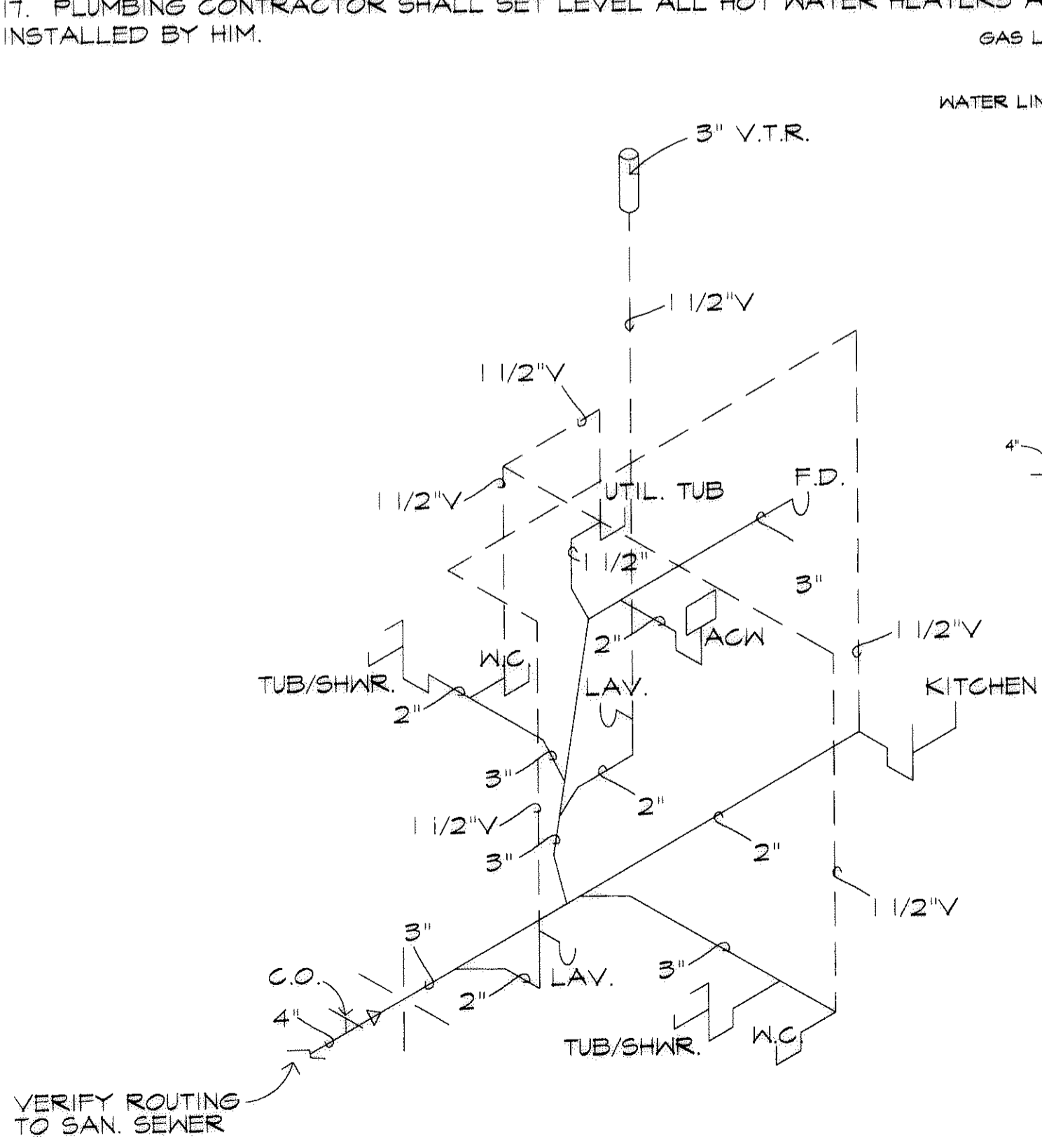
WATER SCHEMATIC  
SCALE: N.T.S.



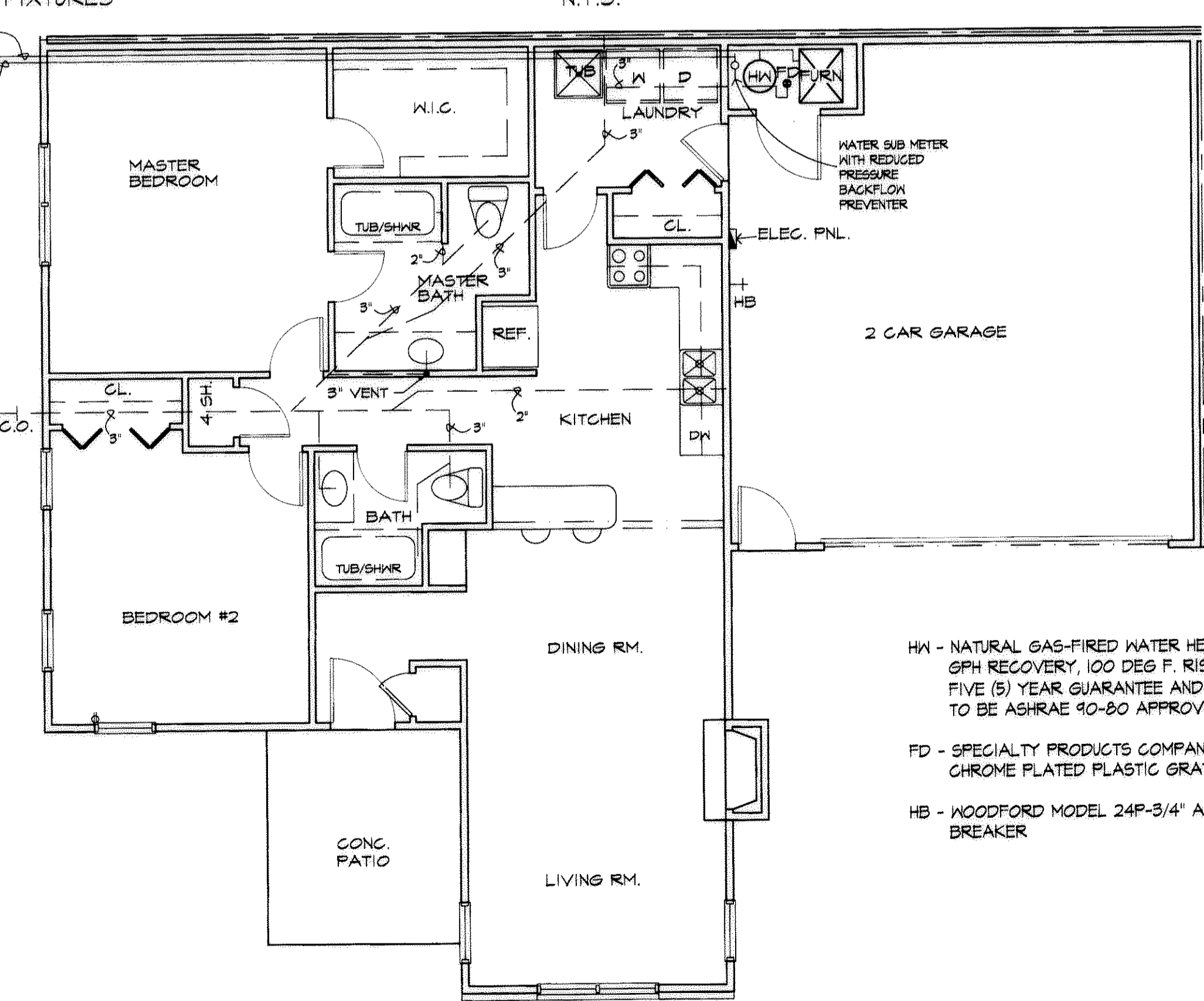
TWO-STORY PLUMBING ISOMETRIC  
N.T.S.



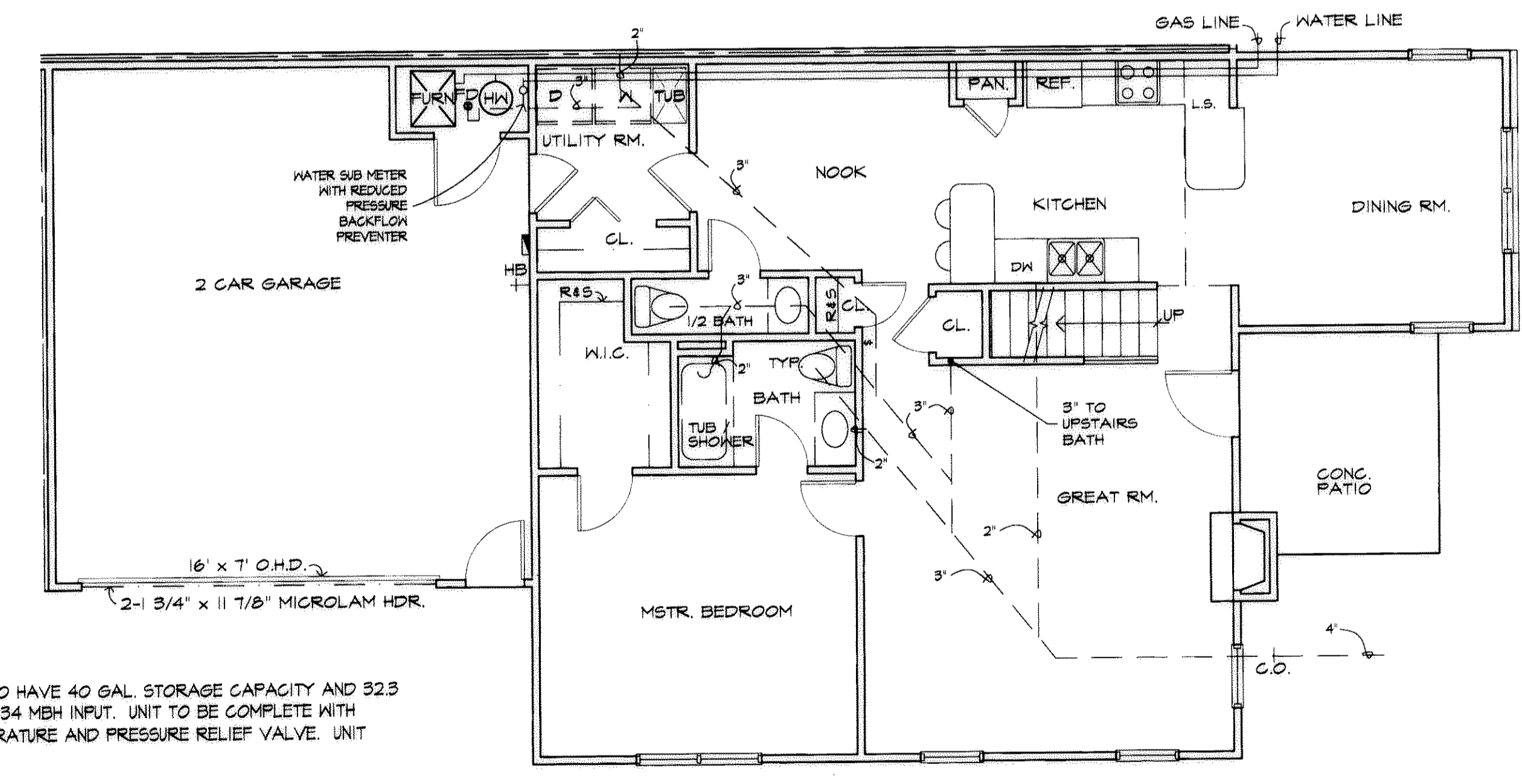
SECOND FLOOR PLUMBING PLAN  
SCALE: 3/16" = 1'-0"



RANCH PLUMBING ISOMETRIC  
N.T.S.



RANCH PLUMBING PLAN  
SCALE: 3/16" = 1'-0"



FIRST FLOOR PLUMBING PLAN  
SCALE: 3/16" = 1'-0"



- HW - NATURAL GAS-FIRED WATER HEATER TO HAVE 40 GAL. STORAGE CAPACITY AND 32.3 GPH RECOVERY, 100 DEG F. RISE WITH 34 MBH INPUT. UNIT TO BE COMPLETE WITH FIVE (5) YEAR GUARANTEE AND TEMPERATURE AND PRESSURE RELIEF VALVE. UNIT TO BE ASHRAE 40-80 APPROVED.
- FD - SPECIALTY PRODUCTS COMPANY GENERAL PURPOSE COMBINATION FLOOR DRAIN WITH CHROME PLATED PLASTIC GRATE.
- HB - WOODFORD MODEL 24P-3/4" ANTI-CONTAMINATION WALL FAUCET WITH VACUUM BREAKER.

THE UNDERSIGNED HEREBY CERTIFIES THAT THESE DRAWINGS SHOW GRAPHICALLY, INSOFAR AS POSSIBLE THE LAYOUT, LOCATION, DESIGNATION AND DIMENSIONS OF EACH UNIT, COMMON AREAS, FACILITIES, LIMITED COMMON AREAS AND FACILITIES OF THE BUILDINGS AS CONSTRUCTED. THE PURPOSE OF THIS CERTIFICATION IS TO COMPLY WITH, IN ALL RESPECTS, WITH THE PROVISIONS OF SECTION 5311.07 OF THE OHIO REVISED CODE.

*Mark W. Ruby*  
Mark W. Ruby, Architect  
11/11/03  
Date

REVISIONS	BY

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BUILDING #8  
MARINER'S WATCH  
CONDOMINIUM COMPLEX  
SHEFFIELD LAKE, OHIO  
GILL CONSTRUCTION, INC.

STATE OF OHIO REGISTERED ARCHITECT MARK W. RUBY 9199
DATE 11/7/03
PROJ. 0280
SHEET
11 of 11