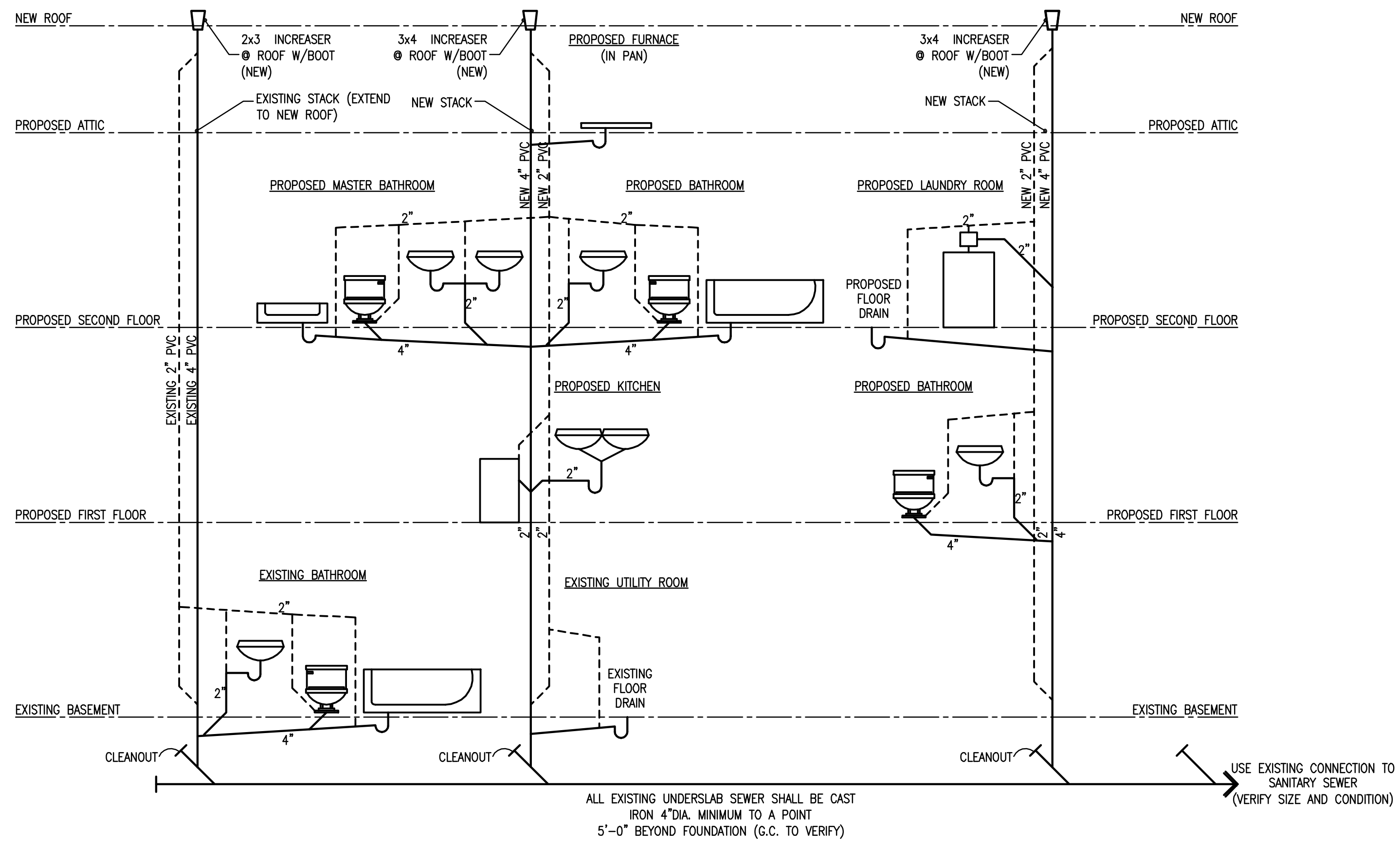


1	OWNER APPROVED
DATE:	05/11/2008
2	ISSUED FOR BIDS
DATE:	08/27/2008
3	STOP WORK ORDER ISSUED
DATE:	12/12/2008

1	
2	
3	

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WASTE RISER DIAGRAM

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

ALL EXISTING UNDERSLAB SEWER SHALL BE CAST IRON 4"DIA. MINIMUM TO A POINT 5'-0" BEYOND FOUNDATION (G.C. TO VERIFY)

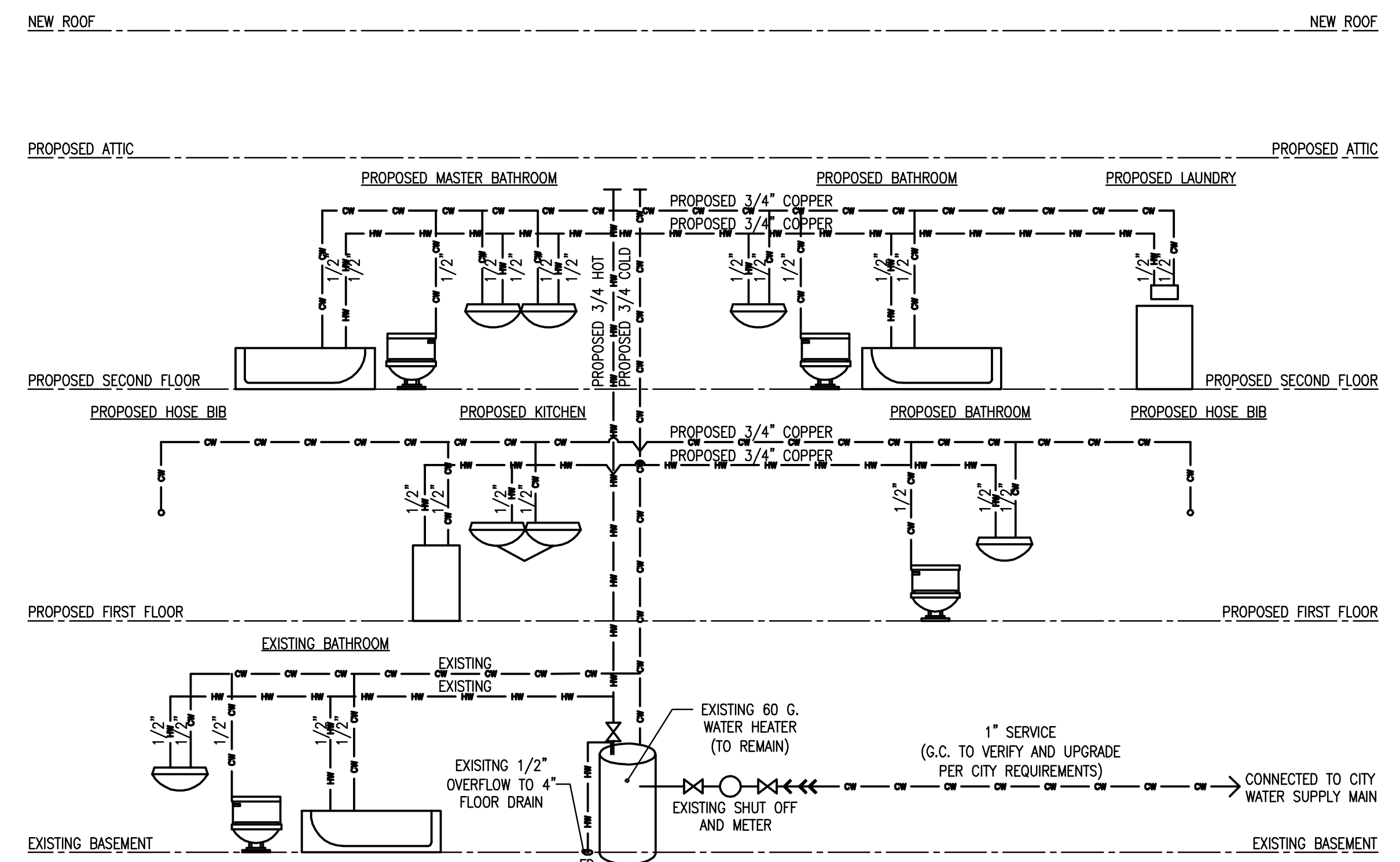
USE EXISTING CONNECTION TO SANITARY SEWER (VERIFY SIZE AND CONDITION)

PLUMBING NOTES:

- ALL WORK SHALL BE DONE IN A WORKMANLIKE MANNER WITH NEW MATERIAL, PERFORMED BY A LICENSED PLUMBER IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES, AND WARRANTED FOR A PERIOD OF ONE YEAR TO BE FREE OF MATERIAL DEFECT.
- PIPES PASSING THRU FLOORS, WALLS, AND OR CEILINGS SHALL BE PROVIDED WITH ESCUTCHEON AND ESCUTCHEON PLATES WITH SET SCREWS. ESCUTCHEONS SHALL BE STEEL OR MALLEABLE IRON OR CHROME PLATED OR SOLID BRASS WHEN VISIBLE. FIRE RATED COLLARS AND SEALANT SYSTEM SHALL BE PROVIDED AT ALL SEPARATION OR FIRE WALLS, RATED TO MATCH WALL IMPACTED, WHERE REQUIRED BY BUILDING OFFICIALS.
- PROVIDE HYDRAULIC SHOCK (WATER HAMMER) PROTECTION AT EACH FIXTURE. PROVIDE AIR CHAMBERS 12" AT ALL FIXTURES, 24" AT ALL RISERS.
- PROVIDE WATER MIXING DEVICE FOR SHOWER.
- SOIL PIPING SHALL BE SERVICE WEIGHT CAST IRON UNDER ALL SLABS AND WHERE FURTHER REQUIRED BY LOCAL CODES. ONLY CLEAN SAND, OR CRUSHED LIMESTONE BACKFILL MAY BE USED BENEATH NEW PLUMBING, NO EXCAVATION SPOILS SHALL BE REUSED. THE PLUMBING CONTRACTOR SHALL VERIFY THE DIRECTION OF FLOW PRIOR TO ANY INSTALLATION AND PROVIDE SUITABLE PITCH -AND CLEANOUTS FOR A PROPERLY OPERATING SYSTEM.
- VENT PIPING SHALL BE PER LOCAL CODE, CAST IRON OR PVC.
- UNDER SLAB WATER SUPPLIES & DISTRIBUTION SHALL BE PER LOCAL REQUIREMENT BUT NOT LESS THAN TYPE "K" COPPER. TESTED AT NO LESS THAN 100PSI
- ABOVE FLOOR WATER SUPPLIES & DISTRIBUTION SHALL BE PER LOCAL REQUIREMENT BUT NOT LESS THAN TYPE "L" COPPER. TESTED AT NO LESS THAN 100PSI
- ALL COLD WATER PIPING ABOVE CEILINGS SHALL BE INSULATED.
- THE PLUMBING CONTRACTOR SHALL PROVIDE BACKFLOW PROTECTION PER CODE, AND PER ALL LOCAL PLUMBING OFFICIALS, WHERE REQUIRED, SUCH AS, MOP SINKS OR OTHER COMMONLY THREADED FIXTURES AND AT THE ENTRANCE TO THE BUILDING OF THE POTABLE WATER SUPPLY. PROVIDE A FLOOR DRAIN SIZED TO ACCOMMODATE SUCH DISCHARGE AS MAY OCCUR.
- BLACK IRON GAS PIPING WITH THREADED FITTINGS SHALL BE INSTALLED TO EQUIPMENT AS REQUIRED AND PER ALL CODES. PLUMBER SHALL PROVIDE SHUTOFFS AT ALL SERVICE POINTS AND NIPPLES WHERE REQUIRED. FINAL HOOK-UP OF ALL GAS FUELED EQUIPMENT INCLUDING; HVAC, WATER HEATERS, APPLIANCES, AND EMERGENCY SHUTOFFS SHALL BE BY PLUMBER.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE TYPE OF GAS SERVICE IN THE FIELD CURRENTLY PROVIDED TO THE SITE. WITH ANY HIGH PRESSURE SYSTEM REGULATORS SHALL BE PROVIDED AT EVERY SERVICE POINT OPENING AND AS LOCAL AUTHORITIES MAY REQUIRE.
- PROVIDE ADJUSTABLE MIXING VALVES AT TOILET HAND SINKS, SHOWERS, OR WORK AREA SINKS PER CODE.

PLUMBING FIXTURES: (VERIFY WITH OWNER)

- | | | |
|--------|---------------------|--------------------|
| 1. WC | - AMERICAN STANDARD | FLAIR-1.6 GAL/ft |
| 2. LAV | - AMERICAN STANDARD | GRANITE COUNTERTOP |
| 3. TUB | - AMERICAN STANDARD | LXINGTON |



SUPPLY RISER DIAGRAM

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

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