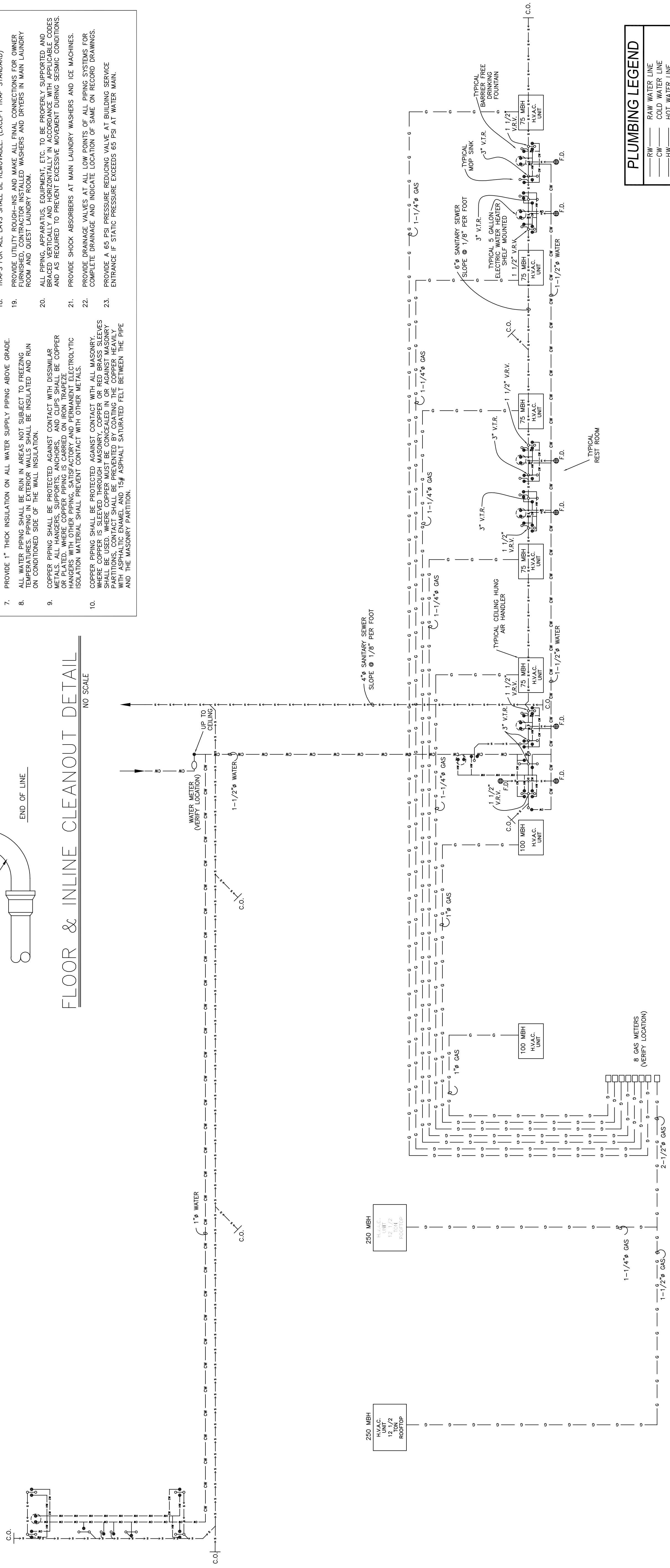


- PLUMBING GENERAL NOTES**
- P.C. SHALL FURNISH ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR THE INSTALLATION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH ALL APPLICABLE CODES.
 - FURNISH AND INSTALL A COMPLETE DOMESTIC HOT WATER, COLD WATER, WASTE, AND HOT WATER REGULATION SYSTEM TO ALL FIXTURES AND/OR EQUIPMENT REQUIRING SUCH. VERIFY LOCATION OF ALL ROUGH-IN LOCATIONS.
 - DO NOT SCALE THE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING GRILLES, ETC.
 - ALL WASTE, WATER AND GAS PIPING LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO AVOID CONFLICTS.
 - ALL BRANCH LINE RUNOUTS TO FLOOR DRAINS, FLOOR SINKS, AND HUB DRAINS SHALL BE THE SAME SIZE OF THE MAIN TO WHICH THEY CONNECT UNLESS OTHERWISE NOTED.
 - PROVIDE CLEANOUTS AT THE BASE OF ALL WASTE STACKS, AT ALL CHANGES IN DIRECTION OF PIPING IN EXCESS OF 44 DEGREES, AND EVERY 50 FEET. CLEAN OUTS SHALL BE INSTALLED IN READILY ACCESSIBLE LOCATIONS.
 - PROVIDE 1" THICK INSULATION ON ALL WATER SUPPLY PIPING ABOVE GRADE.
 - ALL WATER PIPING SHALL BE RUN IN AREAS NOT SUBJECT TO FREEZING TEMPERATURES. PIPING IN EXTERIOR WALLS SHALL BE INSULATED AND RUN ON CONDITIONED SIDE OF THE WALL INSULATION.
 - COPPER PIPING SHALL BE PROTECTED AGAINST CONTACT WITH DISSIMILAR METALS. ALL HANGERS, SUPPORTS, ANCHORS, AND CLIPS SHALL BE COPPER OR PLATED. WHERE COPPER PIPING IS CARRIED ON IRON TRAPEZE OR ISOLATION MATERIAL SHALL PREVENT CONTACT WITH OTHER METALS.
 - COPPER PIPING SHALL BE PROTECTED AGAINST CONTACT WITH ALL MASONRY PARTITIONS, CONTACT SHALL BE PREVENTED BY COATING THE COPPER HEAVILY WITH ASPHALT. 15# ASPHALT SATURATED FELT BETWEEN THE PIPE AND THE MASONRY PARTITION.
 - ALL PIPING SHALL BE TESTED IN ACCORDANCE WITH INDUSTRY STANDARDS AND DOMESTIC WATER SHALL BE STERILIZED IN COMPLIANCE WITH CITY STANDARDS.
 - PROVIDE GAS COCKS FOR ALL EQUIPMENT CONNECTED TO THE NATURAL GAS SYSTEM AND GAS REGULATORS AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
 - ALL PIPE PENETRATIONS OF RATED WALLS SHALL BE FIRE STOPPED AS NECESSARY TO MAINTAIN THE RATING OF THE WALL.
 - SUP JOINTS SHALL NOT BE USED FOR DRAIN CONNECTIONS IN CONCEALED LOCATIONS. USE SOLDERED OR SCREWED JOINTS ONLY.
 - ALL FIXTURES SHALL BE COMPLETE AND INCLUDE ALL STOPS, SUPPLIES, VALVES, TAPETS, DRAINS, TRAPS (ALL PIECES, ESOTICIONS, ETC).
 - PROVIDE AIR CHAMBERS AT EACH FIXTURE TO ELIMINATE WATER HAMMER.
 - PROVIDE SUPPLIES AND STOPS FOR EACH FIXTURE, LOCATE VALVES WITHIN ROOM IN AN ACCESSIBLE LOCATION.
 - TRAPS FOR ALL LAYS SHALL BE REMOVABLE. (EXCEPT TRAP STANDARD)
 - PROVIDE UTILITY ROUGH-INS AND MAKE ALL FINAL CONNECTIONS FOR OWNER IN MAIN LAUNDRY ROOM AND QUEST LAUNDRY ROOM.
 - ALL PIPING, APPARATUS, EQUIPMENT, ETC. TO BE PROPERLY SUPPORTED, AND BRACED TO PREVENT EXCESSIVE VIBRATION. BRACING SHALL BE APPLICABLE CORES AND AS REQUIRED TO PREVENT EXCESSIVE MOVEMENT DURING SEISMIC CONDITIONS.
 - PROVIDE SHOCK ABSORBERS AT MAIN LAUNDRY WASHERS AND ICE MACHINES.
 - PROVIDE DRAINAGE VALVES AT ALL LOW POINTS OF ALL PIPING SYSTEMS FOR COMPLETE DRAINAGE AND INDICATE LOCATION OF SAME ON RECORD DRAWINGS.
 - PROVIDE A 65 PSI PRESSURE REDUCING VALVE AT BUILDING SERVICE ENTRANCE IF STATIC PRESSURE EXCEEDS 65 PSI AT WATER MAIN.



PLUMBING LEGEND

— RW —	RAW WATER LINE
— CW —	COLD WATER LINE
— HW —	HOT WATER LINE
— S —	SANITARY SEWER LINE
— ST —	STORM SEWER LINE
— FS —	FIRE SPRINKLER
— FD —	FLOOR DRAIN
— G —	GAS PIPE
— C —	CLEAN OUT
— WH —	WATER HEATER
● VTR	VENT TO ROOF
● VRV	VENT RE-VENT