



GENERAL NOTES

PIPING GENERAL

1. ALL PIPING SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE "UNIFORM PLUMBING CODE."
2. ALL PIPING SHALL BE SUPPORTED BY APPROVED HANGERS AND SUPPORTS. HANGERS AND SUPPORTS SHALL BE GRINNELL CO. OR EQUAL.
3. WALL PLATES SHALL BE INSTALLED AT WALL AND CEILING PENETRATIONS. PLATES SHALL BE CHROMIUM PLATED ENAMELED CAST IRON OR STEEL AND LARGE ENOUGH TO COMPLETELY CLOSE THE HOLE AROUND THE PIPE.
4. DIELECTRIC UNIONS SHALL BE INSTALLED WHERE TWO DISSIMILAR PIPE METALS ARE JOINED.
5. PIPE SLEEVES SHALL BE INSTALLED FOR PIPES PASSING THROUGH CONCRETE AND OTHER CAST-IN-PLACE CONSTRUCTION. CLEARANCE BETWEEN SLEEVES AND PIPES SHALL BE APPROXIMATELY 1/4 INCH. SLEEVES LOCATED IN EXTERIOR WALLS BELOW GRADE SHALL BE SEALED TO MAKE THE SPACE BETWEEN PIPE AND SLEEVE WATER-TIGHT WITH A SEALING COMPOUND OF PLASTIC BITUMINOUS CEMENT OR RUBBER CAULKING COMPOUND.

WATER PIPING

1. ALL HOT AND COLD WATER SERVICE PIPING ABOVE GROUND SHALL BE TYPE "L" WROUGHT COPPER TUBE WITH WROUGHT COPPER FITTINGS, USA STD. B16.18-1963 AND B16.18a-1967.
2. PIPING UNDERGROUND SHALL BE TYPE "K" SOFT COPPER PIPE.
3. HOT WATER PIPING SHALL BE INSULATED WITH 1-INCH THICK PREFORMED, SNAP-ON TYPE, FIBERGLAS WITH VINYL COATED VAPOR BARRIER LAMINATE, PRESSURE SEALING FLAP, ADHESIVES AND BANDS. OWENS CORNING FIBERGLAS 25ASJ ALL SERVICE JACKET OR APPROVED EQUAL. INSULATE ALL COLD WATER PIPING EXPOSED TO THE OUTSIDE OR IN UNDERFLOOR CRAWL SPACE.
4. TESTING: WHEN THE ROUGHING-IN IS COMPLETED AND BEFORE THE FIXTURES ARE SET, THE ENTIRE HOT AND COLD WATER PIPING SYSTEM SHALL BE TESTED AT A HYDROSTATIC PRESSURE OF NOT LESS THAN 50 PSIG GREATER THAN THE ESTABLISHED WORKING PRESSURE, BUT NOT LESS THAN 100 POUNDS PER SQUARE INCH GAGE, AND PROVED TIGHT AT THIS PRESSURE FOR NOT LESS THAN FOUR HOURS IN ORDER TO PERMIT INSPECTION OF ALL JOINTS. WHERE A PORTION OF THE WATER PIPING SYSTEM IS TO BE CONCEALED BEFORE COMPLETION, THIS PORTION SHALL BE TESTED SEPARATELY AS DESCRIBED FOR THE ENTIRE SYSTEM.

WASTE PIPING

1. WASTE, DRAIN, AND VENT PIPING AND FITTINGS SHALL BE DNV PLASTIC ABS.
2. VENT PIPING SHALL BE CONNECTED TO ROOF STUBS INSTALLED DURING THE STABILIZATION PHASE.
3. TESTING: WATER TEST SHALL BE APPLIED TO THE DRAINAGE AND VENTING SYSTEM EITHER IN ITS ENTIRETY OR IN SECTIONS. IF THE ENTIRE SYSTEM IS TESTED, ALL OPENINGS IN THE PIPES SHALL BE TIGHTLY CLOSED EXCEPT THE HIGHEST OPENING, AND THE SYSTEM SHALL BE FILLED WITH WATER TO THE POINT OF OVERFLOW. IF THE SYSTEM IS TESTED IN SECTIONS, EACH OPENING EXCEPT THE HIGHEST OPENING OF THE SECTION UNDER TEST SHALL BE TIGHTLY PLUGGED, AND EACH SECTION SHALL BE FILLED WITH WATER AND TESTED WITH AT LEAST A 10-FOOT HEAD OF WATER. THE WATER SHALL BE KEPT IN THE SYSTEM, OR IN THE PORTION UNDER TEST, FOR AT LEAST 15 MINUTES BEFORE THE INSPECTION STARTS AND FOR A FOUR-HOUR PERIOD THEREAFTER. THE SYSTEM SHALL BE TIGHT AT ALL JOINTS.

NOTE: CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING PIPING (INCLUDING PIPING IN CRAWL SPACE BENEATH FLOOR).

CONTRACT DRAWING
NOV 30 1992

RELIABLE PLUMBING AND HEATING COMPANY, INC.

AS BUILT

Scale (H) 1/4" = 1'-0"		Scale (V)	W.A. 2041
Fld. bk. no. N/A		Date 9 - 30 - 80	Drawn by NORMA GOMEZ
Design by BERT ANZAI		APPROVED AS PLUMBING ENGINEER	
Engineering Design Division		DRAIN, WASTE, AND VENT PIPING	
Department of Public Services		WEST SIDE SCHOOL RENOVATION	
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