The pipe trench shall be excavated at least 6 inches deeper than the grade of the bottom of the pipe. The trench shall then be refilled with select sand or select native soil using the "EARTH MOUND" method of supporting the pipe ACP only. The use of select native soil is at the discretion of the Company's representative. The pipe itself shall be encased with a minimum of 6 inches of sand or select and approved native soil.

Bell (coupling) holes for PVC C900 pipe shall be of sufficient size so that the pipe may be readily assembled. Wood blocking under the pipe will not be permitted.

TRACER WIRE

Tracer wire (14g) is to be attached to all diameters of non metallic pipe for full lengths of pipe, cast iron fittings, angle meter stops, and hydrant laterals, blowoffs, and airvacs or mechanical joint fittings (wrapped in plastic).

MATERIALS USED

All pipe 12" or larger will be cement mortar lined and coated and will comply with all AWWA Standards.

PVC C900 (DR-14) pipe must comply with AWWA-C900-81 specifications and will be using cement mortar lined Ductile, or Cast Iron push on fittings complying with AWWA C153 specifications.

All PVC used on slopes shall be PVC Yelomine Pressure Pipe (IPS) with Certalok Restrained Joint.

NOTE: This is for sizes 6 inches through 12 inches. Larger sizes will be specified on the plans.

All service material to be a minimum of 1" in diameter and shall be, Type K copper pipe.

All fittings on service material to be of the pack joint compression type.

All valve manufactures to be approved by RHWC.

All valve covers shall be 8 inch diameter cast iron, bearing the word WATER in raised letters on top. Valve can material shall be 8 inch SDR #35 plastic with a 12 inch galvanized slip riser. Valve cans to be painted with Riverside Highland Water Company's color code.