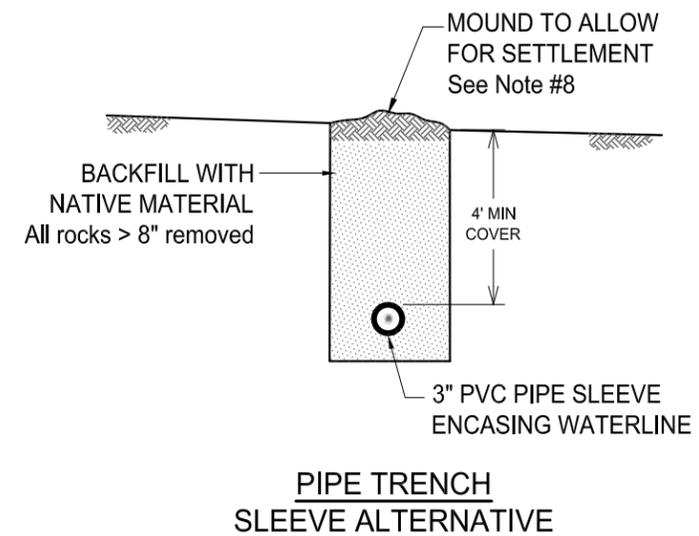
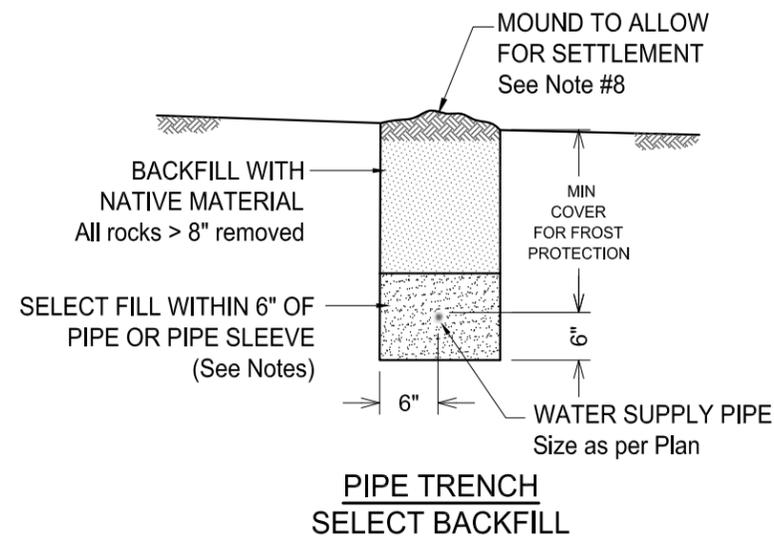
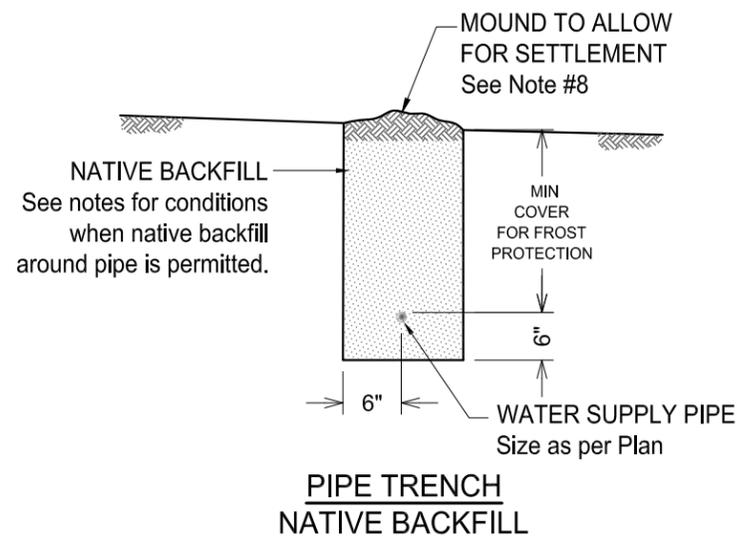
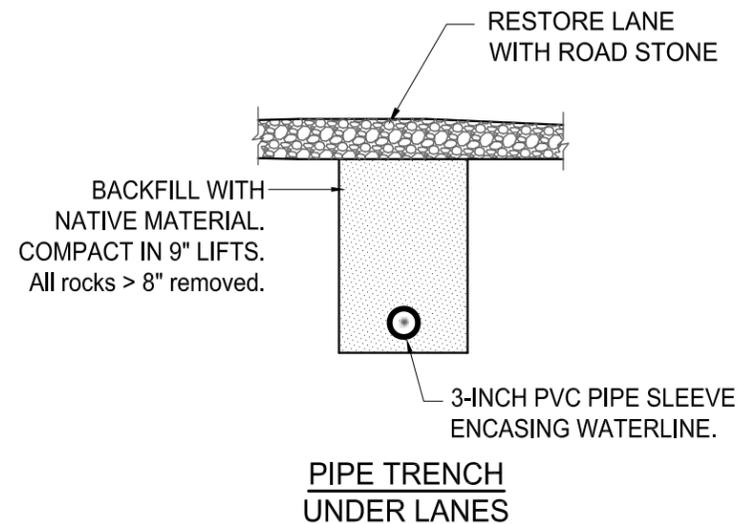


CONSTRUCTION NOTES:

1. PE pipe shall meet ASTM D2239 or D3035 and shall have a minimum pressure rating of 100 psi.
2. Backflow prevention (check valve) is required between the domestic water supply or well and the first waterer.
3. Pipe shall be placed so that it snakes loosely in the trench. Do not bend the pipe more than the minimum bend radius.
4. Native soil may be used for initial backfill of pipe if free of ice, organic or objectionable material, and as follows:
 - 4.1. If no traffic on trench, soil does not contain rocks > 4" and all rocks are removed from within 6" of pipe;
 - 4.2. If traffic on trench, largest particle size of the native material is 3/8".
5. Select fill, if required for initial pipe backfill, may be mason sand, pea gravel, or dense graded aggregate (DGA). A similar material may be used if approved by the NRCS technician.
6. A PVC pipe sleeve may be used in lieu of select fill. PVC pipe shall meet ASTM D2241 SDR 32.5 or ASTM D1765 SCH 40. Bell and spigot joints to be glued as per standard practice.
7. Every effort shall be made to salvage topsoil at the start of trench excavation for final placement on top.
8. Pipe trenches and areas disturbed by construction are to be seeded and mulched unless trench is through cultivated cropland.
9. Electric service, if provided by Owner, must conform with local construction codes.
10. Tracer wire may be installed over the pipeline.



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Sheet _____ of _____

Waterer-V2.14.dwg Cover\Plot xx/xx/14