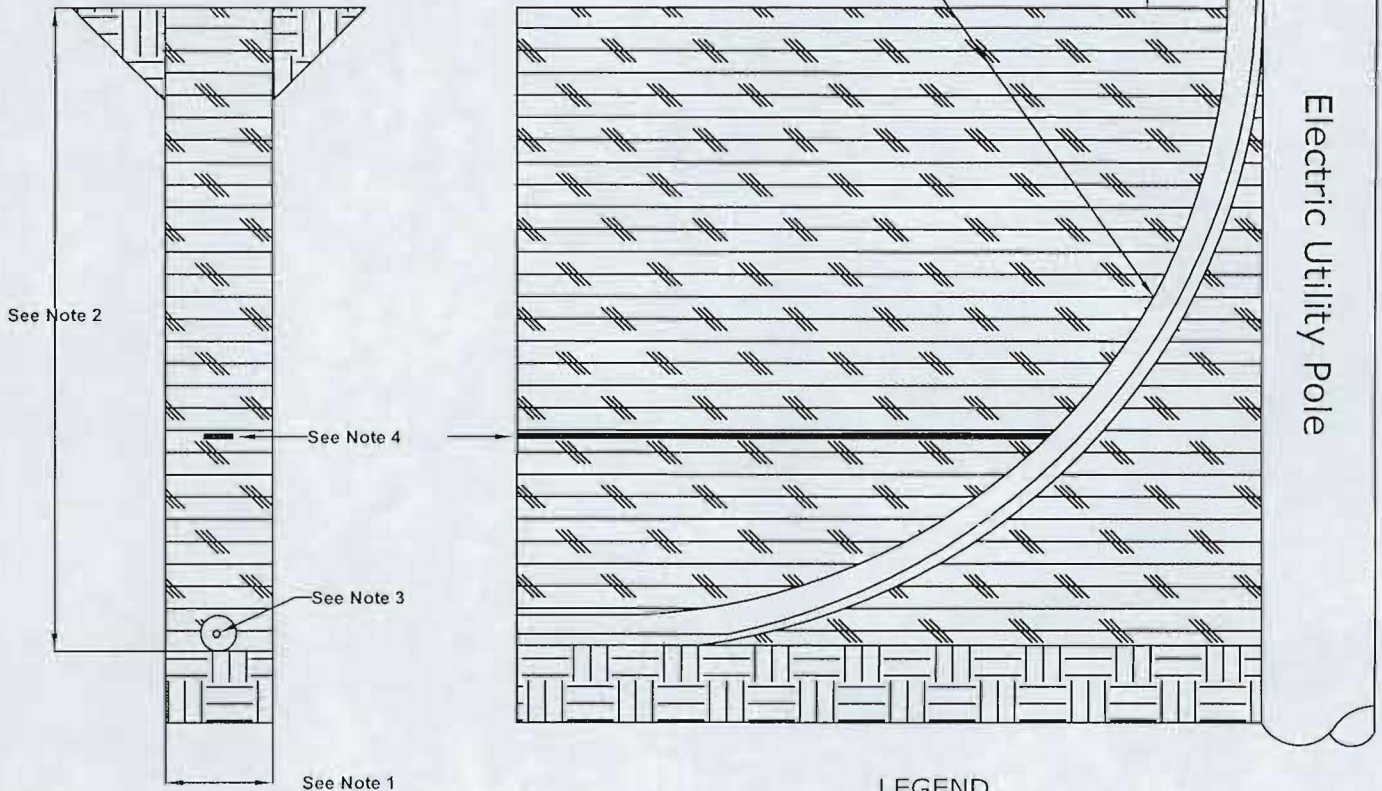


TRENCH DETAIL

TURN - UP DETAIL

Conduit must be flush against pole
 Install unglued cap to prevent water ingress
 Secure additional 5' of Pull String/Tape to conduit cap

36' Minimum Sweep Radius (Sweep 90)
 Schedule 40 Rigid Electrical Grade PVC



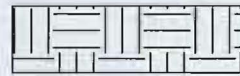
See Note 2

See Note 4

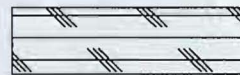
See Note 3

See Note 1

LEGEND



UNDISTURBED EARTH



COMPACTED BACKFILL

Notes:

- 1) Minimum trench width of 6" in clean soil.
- 2) Trench to be a minimum of 36" in depth after finish grade.
 Any deviation in trench depth must be approved prior to installation by the Staking Engineer or Field Inspector
- 3) Member/Developer will be responsible for installation of a pull string or tape in duct with a minimum breaking strength of 150 lbs.
- 4) Member/Developer responsible for installation of warning tape while backfilling trench.
 Minimum of one foot above conduit.
- 5) The trench shall be as level and smooth as possible.
 Elevation changes shall be in a gradual manner.
- 6) All joints shall be primed and glued using an acceptable solvent for use with Electrical Grade PVC type pipe and fittings.
- 7) Maximum of THREE sweep 90s in any 500 foot run of conduit
- 8) Other Utilities must have no less than 12" of separation

NON - METALIC ELECTRICAL GRADE CONDUITS MUST BE INSTALLED
 200 AMP SERVICE USE 2 1/2" SCHEDULE 40 ELECTRICAL CONDUIT
 320 AMP SERVICE USE 3" SCHEDULE 40 ELECTRICAL CONDUIT
 400 AMP SERVICE USE 4" SCHEDULE 40 ELECTRICAL CONDUIT

PIONEER RURAL ELECTRIC CO-OP., INC.
 PIQUA, OHIO 45356

MEMBER/DEVELOPER TRENCH SPECIFICATIONS

Rev. 3/09

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