Anode Test Station Installation
(Red Cap)
Standard Installation Detail
City of Cedar Rapids, IA

Section A-A

Limit of Excavation

See CP Installation Schedule for Anode Spacing

Exo. Weld Connections (See Fig. # 5910.108)

Insulated Wye Splice (See Fig. # 5910.107)

Buried Reference Electrode at midpoint between anodes

Pipe Bedding per SUDAS Section 3010

Limit of Trench Excavation (min. 36")

Pipe Backfill per SUDAS Section 3010

60" (min. separation as practical)

Pre-Packaged Anode in Pocketed Trench (Backfilled with minimum 12" of Native Soil)

~36" separation from pipe

Looped Anode Header Cables (buried alongside pipe)

Buried Reference Electrode (in Pocketed Trench**)

Pipe Backfill per SUDAS Section 3010

Undisturbed Earth/Rock

Test Station Red Cap*

Insulated Copper Wires

Plan View

* Install either post- or flush-type test stations within 35 feet of buried reference electrode

Fig. # CR 5910.109
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n = Terminal Board Post # shown on Fig. 5910.110

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