

LIST OF ABBREVIATIONS:

- A.S. Anode Station
- T.S. Test Station
- B/W Black Wire
- W/W White Wire

ELEVATION

NOT TO SCALE

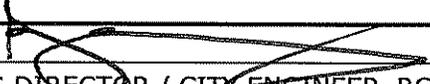
CITY OF MILPITAS, ENGINEERING DIVISION

**STANDARD DRAWING
NO. 750**

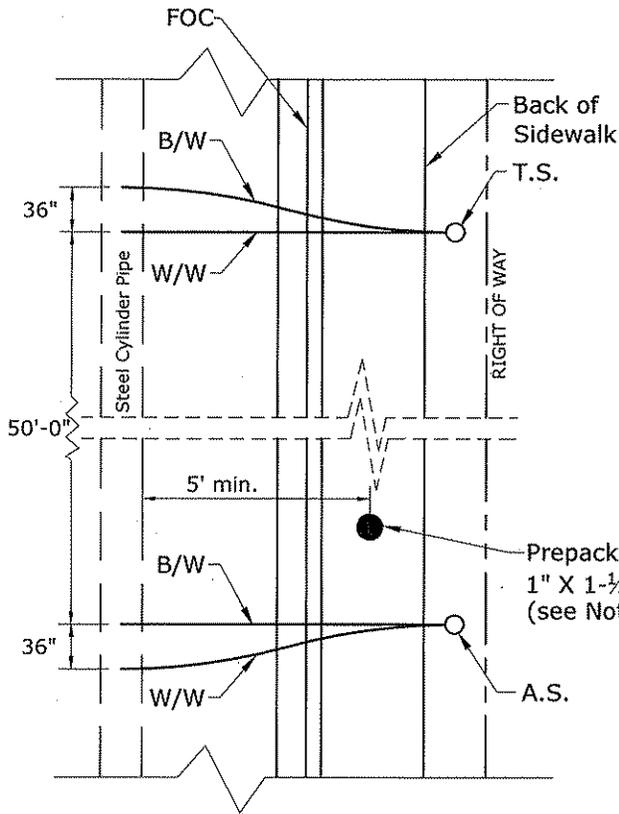
ELECTROLYSIS STATIONS

DATE : 6/15/10

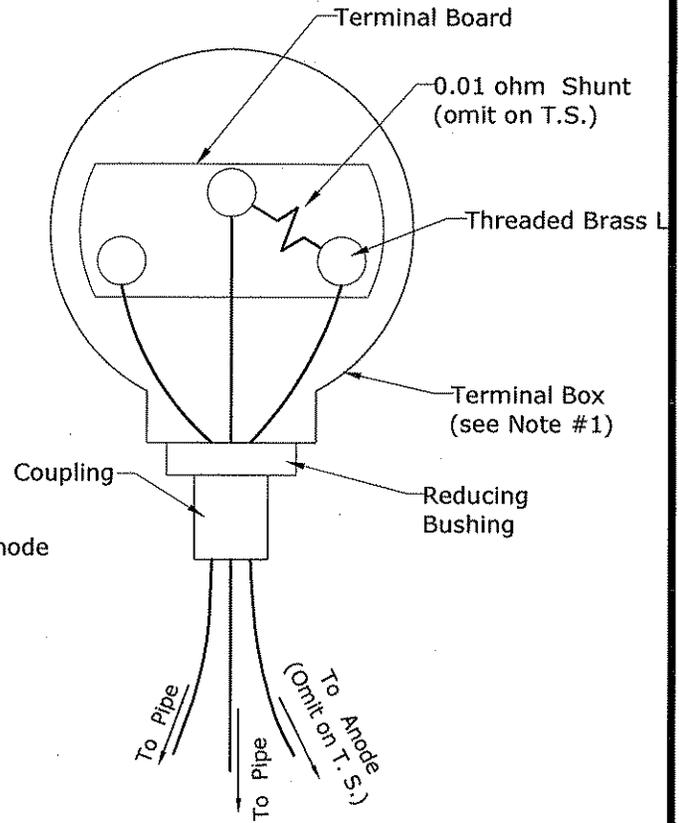
REVISION	DATE

APPROVED BY: 
PUBLIC WORKS DIRECTOR / CITY ENGINEER RCE No. 40283

SHEET 1 OF 2



PLAN



DETAIL "A"

NOT TO SCALE

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NOTES:

1. Terminal box shall be Crouse Hinds No. 9765-L with plastic reducing bushing and 3/4" plastic coupling, or approved equal and water sealed at cable entry. A three brass lug terminal board shall be installed with each box.
2. Expose coated pipe to shiny bright bare metal at desired points of weld. Wire brush the area thoroughly and weld each wire to the bare portion by thermite welding process. Apply two (2) coats of coal tar primer 8" beyond perimeter limits of the exposed metal. Pressure sensitive rubber tape shall then be placed to cover coal tar primer. Reapply two (2) coats of primer to same area.
3. Valve box shall be Brooks 3RT or Christy G5 with the word "Anode" on the lid.
4. Install pre-packaged zinc anode against trench wall so as to maximize horizontal distance between the copper and the anode. Anodes shall be high purity Zinc meeting ASTM B418, Type II.
5. Backfill shall consist of finely granulated and rock-free native material. Tamp backfill to the top of the bag and backfill with water. Continue to backfill to a foot above the bag and fill the rest of the hole with native material as required.

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