1. Use high potential magnesium anode in prepackaged cloth bag with backfill. Bare weight of anode ingot (excluding backfill) and number of anodes as noted on plans or as directed by project manager.

2. Anode is to be placed in trench, with anode centerline 6 inches minimum below bottom of main and 2 feet minimum from side wall of main. Anode to be surrounded with native backfill.

3. When four anodes are required at each joint, two anodes shall be installed on each side of pipe with 3 feet separation between anodes on each side of pipe. Excavated area shall be extended along length of water main, as needed.

NOTES:

PLAN

EXISTING CAST OR DUCTILE IRON WATER MAIN OR FITTING


ANODE LEAD WIRE #12 AWG SOLID COPPER WITH BLACK TW, THWN/THHN INSULATION (TYPICAL)

2’ MIN.

MAGNESIUM ANODE (TYPICAL) -SEE NOTES 1 AND 2

3’ X 5’ EXCAVATION

ELEVATION


TOP OF EXISTING CAST OR DUCTILE IRON WATER MAIN OR FITTING

MAGNESIUM ANODES (TYPICAL) -SEE NOTES 1 AND 2

6” MIN.