

THERMITE WELD WIRE CONNECTION.
COPPER SLEEVE REQUIRED
-SEE DWG. S966-2.

NEW DUCTILE IRON PIPE OR FITTING

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

MAGNESIUM ANODE
-SEE NOTES 2 AND 3

PIPE OR FITTING
THERMITE WELD WIRE CONNECTION.
COPPER SLEEVE REQUIRED
-SEE DWG. S966-2.

ANODE LEAD WIRE

2' MIN.

MAGNESIUM ANODE -SEE NOTES 2 AND 3

PLAN

TOP OF PIPE OR FITTING

THERMITE WELD WIRE CONNECTION.
COPPER SLEEVE REQUIRED
-SEE DWG. S966-2.

ANODE LEAD WIRE

6" MIN.

MAGNESIUM ANODE -SEE NOTES 2 AND 3

ELEVATION

NOTES:

1. PIPE/FITTING PROTECTIVE WRAP IS NOT SHOWN FOR CLARITY. UNLESS OTHERWISE NOTED, DUCTILE IRON WATER MAIN SHALL BE WRAPPED WITH POLYETHYLENE WRAP AND NON-EPOXY COATED DUCTILE IRON FITTINGS ON PLASTIC WATER MAINS SHALL BE COATED WITH PRIMER AND WAX TAPE.
2. USE HIGH POTENTIAL MAGNESIUM ANODE IN PREPACKAGED CLOTH BAG WITH BACKFILL. WEIGHT OF ANODE INGOT (EXCLUDING BACKFILL) AND SPACING OF ANODES ALONG DUCTILE IRON WATER MAIN AS NOTED ON PLANS OR AS DIRECTED BY PROJECT MANAGER.
3. ANODE IS TO BE PLACED IN TRENCH WITH ANODE CENTERLINE 6 INCHES MINIMUM BELOW BOTTOM OF PIPE OR FITTING AND 2 FEET MINIMUM FROM SIDE WALL OF PIPE OR FITTING. ANODE TO BE SURROUNDED WITH NATIVE BACKFILL.

CITY OF ROCHESTER

ANODE AT NEW DUCTILE
IRON WATER MAIN OR
DUCTILE IRON FITTING ON
NEW PLASTIC WATER MAIN

ISSUED	3-21-02	NON-STANDARD DWG.NO.S966-1
REVISED	12-28-10	