

CONCRETE TEST STATION PAD, SEE
WSSC STANDARD DETAIL C/4.0.

TEST BOX, SEE WSSC STANDARD
DETAIL C/4.0.

FINISHED GRADE

6"

CONCRETE TEST STATION
PAD, SEE WSSC
STANDARD DETAIL C/4.0.

18"

18"

PLAN

COATING, SEE DETAIL C/3.0a.

THERMITE WELD (TYPICAL),
SEE WSSC STANDARD
DETAIL C/2.0.

INSULATING FLANGE, SEE WSSC
STANDARD DETAIL C/3.0.

NEW COATED
DUCTILE IRON PIPE

BONDED JOINT PER
DETAIL C/1.0.

FUTURE WATER
MAIN

Cu/CuSO₄ REFERENCE ELECTRODE,
SEE DETAIL C/4.5 FOR PLACEMENT
OF REFERENCE ELECTRODE.

PROFILE

INSTALL PREPACKAGED MAGNESIUM
ANODES (TYPICAL), SEE DETAIL
C/2.2 FOR PLACEMENT OF
ANODES. SIZE AND NUMBER PER
CONTRACT DRAWINGS.

WIRING SCHEDULE

DESCRIPTION	WIRE	TEST STATION TERMINAL	AWG WIRE SIZE	TYPE OF INSULATION	COLOR OF INSULATION
NEW WATER MAIN	A B	1 3	#12 #6	THWN THWN	BLACK BLACK
PERMANENT REFERENCE ELECTRODE	C	6	PER MANUFACTURER	PER MANUFACTURER	PER MANUFACTURER
PREPACKAGED MAGNESIUM ANODE LEAD	D1 D2	N/A	#12 #12	THW, THWN OR THHN	WHITE WHITE
EXISTING PIPE	E F	2 5	#12 #6	THWN THWN	WHITE WHITE
MAGNESIUM ANODE HEADER CABLE	D3	4	#8	HMWPE	BLACK

NOTES

1. INSTALL 0.01 OHM SHUNT BETWEEN TERMINALS #1 AND #4.
2. RUN ALL WIRES ABOVE, TEST LEAD WIRES SHALL MEET REQUIREMENTS OF DETAIL C/3.0.
3. RUN ALL WIRES IN 2" PVC SCH. 40 CONDUIT FROM CONNECTION POINTS UNTIL THEY REACH THE BOTTOM OF THE TEST STATION ASSEMBLY.

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: 7-26-21

M. H. Hamm

Chief Engineer

STANDARD DETAIL

INSULATING FLANGE TEST
STATION WITH ANODES (IJ)

C
3.0c