

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

TEST BOX, SEE WSSC STANDARD DETAIL  
C/4.0 AND DETAIL C/4.0.

FINISHED GRADE

6"

COATING, SEE  
DETAIL C/3.0a.

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

E

F

C

A

B

INSULATING FLANGE, SEE WSSC  
STANDARD DETAIL C/3.0.

NEW COATED DUCTILE  
IRON PIPE

BONDED JOINT PER  
DETAIL C/1.0.

6"

6"

6"

FUTURE  
WATER  
MAIN

Cu/CuSO<sub>4</sub> REFERENCE ELECTRODE,  
SEE DETAIL C/4.5 FOR PLACEMENT  
OF REFERENCE ELECTRODE.

### PROFILE

#### WIRING SCHEDULE

DESCRIPTION	WIRE	TEST STATION TERMINAL	AWG WIRE SIZE	TYPE OF INSULATION	COLOR OF INSULATION
NEW WATER MAIN	A	1	#12	THWN	BLACK
	B	3	#6	THWN	BLACK
PERMANENT REFERENCE ELECTRODE	C	6	PER MANUFACTURER	PER MANUFACTURER	PER MANUFACTURER
EXISTING PIPE	E	2	#12	THWN	WHITE
	F	5	#6	THWN	WHITE

#### NOTES:

- DO NOT SET TEST STATION IN ROADWAY. PLACE TEST BOX IN NON-PAVED AREA NEXT TO ROADWAY. TWO FEET BEHIND THE CURB IF POSSIBLE. ROUTE ALL WIRES TO FINAL TEST BOX LOCATION.
- MAINTAIN SUFFICIENT SLACK IN THE TEST WIRES SO THAT THE WIRES CAN EXTEND A MINIMUM OF 18 INCHES FROM THE TEST BOX.
- RUN ALL WIRES IN 2" PVC SCH40 CONDUIT FROM THE CONNECTION POINTS UNTIL THEY REACH THE BOTTOM OF TEST STATION ASSEMBLY.

WASHINGTON  
SUBURBAN  
SANITARY  
COMMISSION

APPROVED: 2-26-21  
*W. H. Hammer*  
Chief Engineer

STANDARD DETAIL

INSULATING FLANGE  
TEST STATION (IJ)

C  
3.0b