



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
PREPACKAGED MAGNESIUM ANODE LEAD	D1	N/A	#12	THW, THWN OR THHN	WHITE
	D2		#12		
MAGNESIUM ANODE HEADER CABLE	D3	4	#8	HMWPE	BLACK

NOTES:

1. INSTALL 0.01 OHM SHUNT BETWEEN TERMINALS #1 AND #4.
2. MAINTAIN SUFFICIENT SLACK IN THE TEST WIRES SO THAT THE WIRES CAN EXTEND A MINIMUM OF 18 INCHES FROM THE TEST BOX.
3. BOND ALL DUCTILE IRON COMPONENTS TOGETHER WITH AWG NO. 6 HMWPE WIRES.
4. INSTALL BOND WIRES ON TOP OF PIPE OR FITTING WHERE POSSIBLE.
5. INSTALL A MINIMUM OF TWO BOND CABLES ACROSS EACH PIPE JOINT.
6. SEE WSSC STANDARD DETAIL C/1.2 FOR BONDING OF VALVE.
7. INSTALL BOND CABLES ON HYDRANT RISER PIPE AND ELBOW BEFORE INSTALLING FIRE HYDRANT.
8. RUN ALL WIRES IN 2" PVC SCH. 40 CONDUIT FROM CONNECTION POINTS UNTIL THEY REACH THE BOTTOM OF TEST STATION ASSEMBLY.

WASHINGTON SUBURBAN SANITARY COMMISSION	APPROVED: <u>8/12/16</u>	STANDARD DETAIL HYDRANT TEST STATION (TYPE C)	<u>C</u> 2.5
	 Chief Engineer		