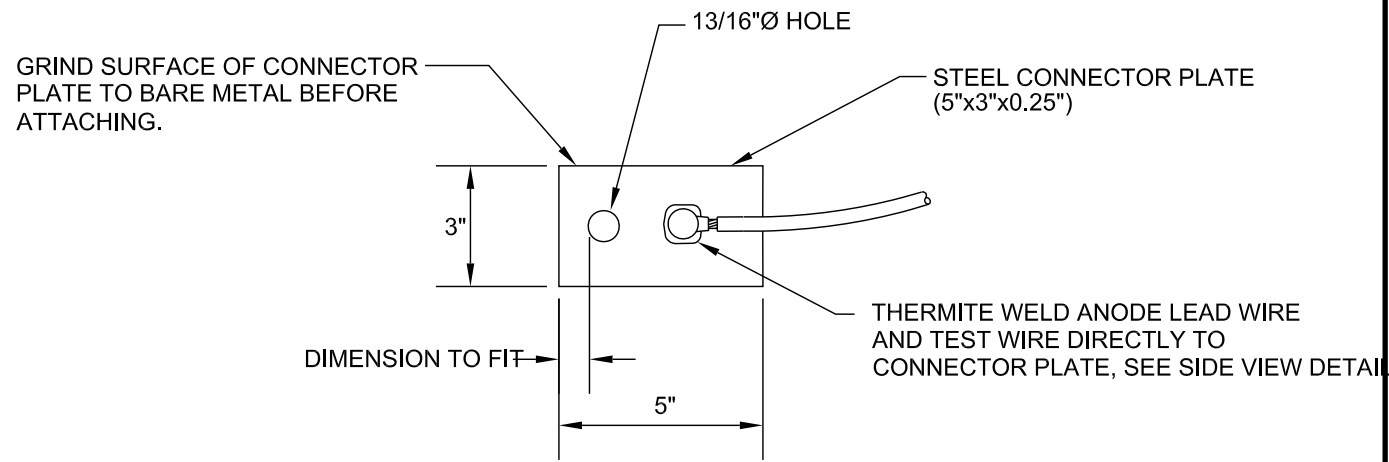
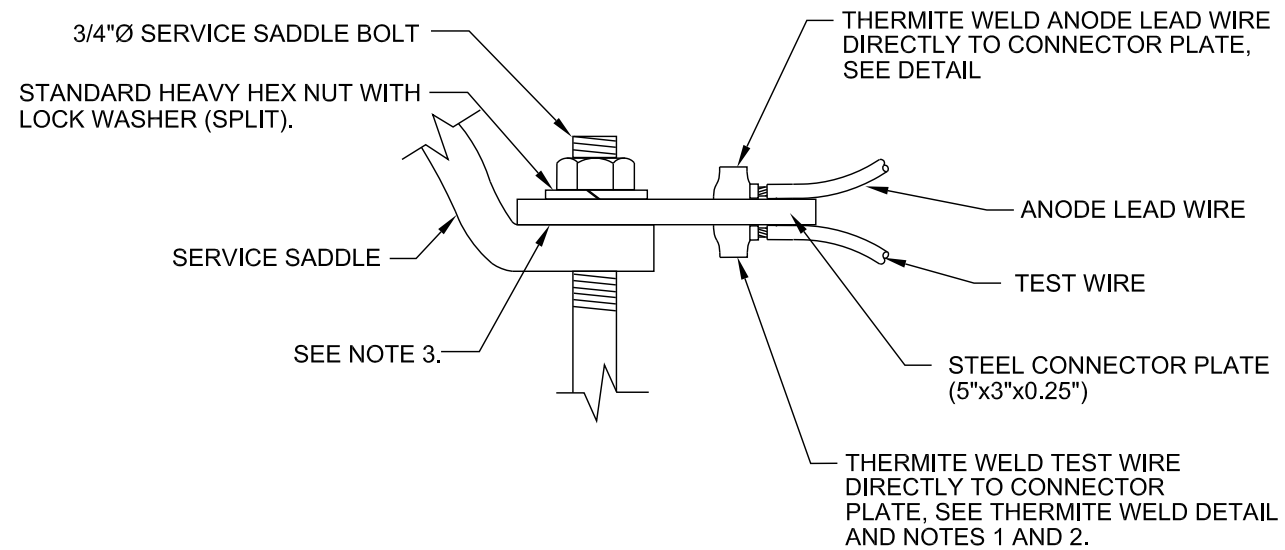


CONNECTOR PLATE



PLAN VIEW

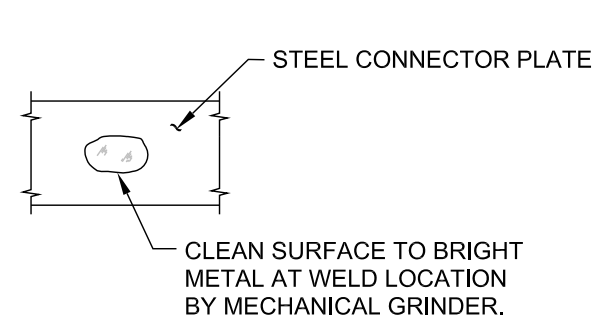


SIDE VIEW

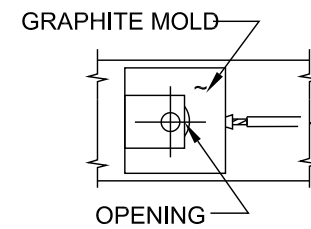
NOTES:

1. ANODE LEAD WIRE AND TEST WIRE TO BE THERMITE WELDED TO CONNECTOR PLATE PRIOR TO ATTACHING CONNECTOR PLATE TO SERVICE SADDLE.
2. THERMITE WELDS SHALL BE COATED WITH A PREFABRICATED ONE PIECE PLASTIC CAP FILLED WITH ELASTOMERIC MATERIAL, ROYSTON HANDY-CAP OR APPROVED EQUAL.
3. REMOVE COATING FROM SERVICE SADDLE WHERE CONNECTOR PLATE IS TO BE MOUNTED. REMOVE COATING WITH MECHANICAL GRINDER IMMEDIATELY PRIOR TO ATTACHING THE CONNECTOR PLATE.

THERMITE WELD DETAILS

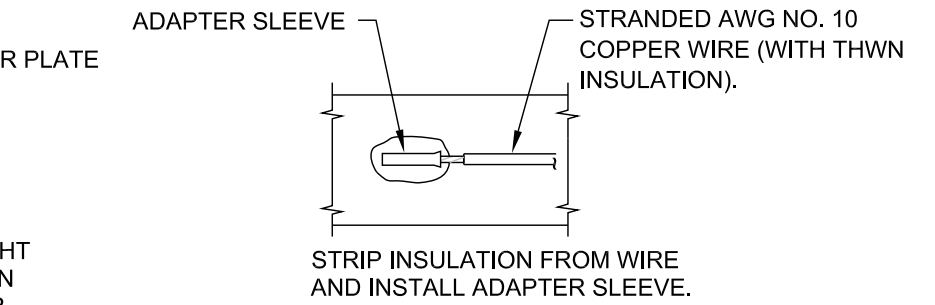


STEP 1

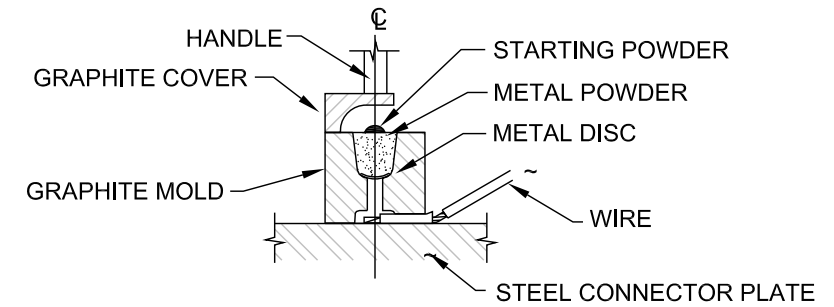


TOP

HOLD GRAPHITE MOLD FIRMLY OVER ADAPTER SLEEVE WITH OPENING AWAY FROM OPERATOR - IGNITE STARTING POWDER.

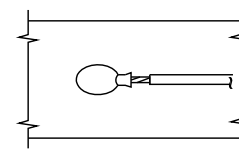


STEP 2



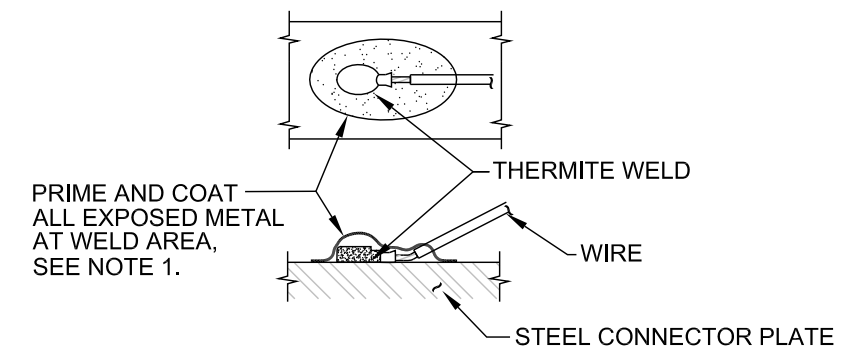
SIDE

STEP 3



REMOVE SLAG FROM CONNECTION. THOROUGHLY CLEAN WELD AREA WITH A STIFF WIRE BRUSH.

STEP 4



STEP 5

NOTES:

1. THERMITE WELDS SHALL BE COATED WITH A PREFABRICATED ONE PIECE PLASTIC CAP FILLED WITH ELASTOMERIC MATERIAL, ROYSTON HANDY-CAP OR APPROVED EQUAL.
2. DO NOT THERMITE WELD TO PVC PIPE.

NO SCALE

STANDARD NO.	D-2
VERSION NO.	1.1
VERSION DATE	9.02.2009

CATHODIC PROTECTION FOR DUCTILE IRON SERVICE SADDLES ON PVC WATER MAINS CONNECTOR PLATE AND THERMITE WELD DETAILS

CHARLOTTE-MECKLENBURG UTILITIES
STANDARD DETAILS
WATER

