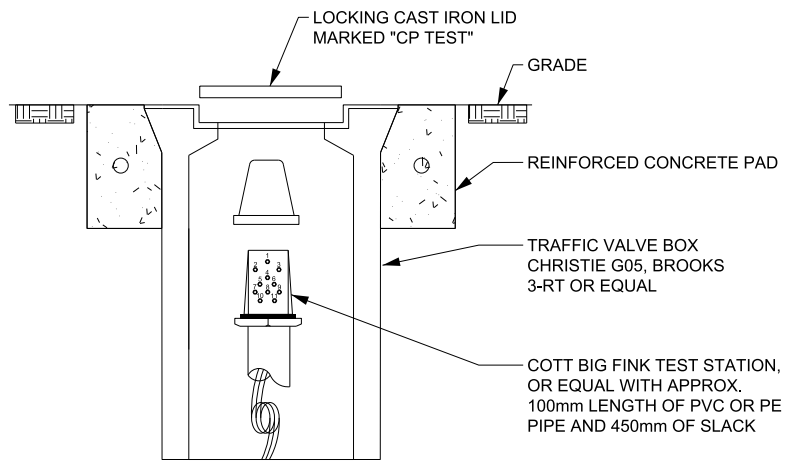
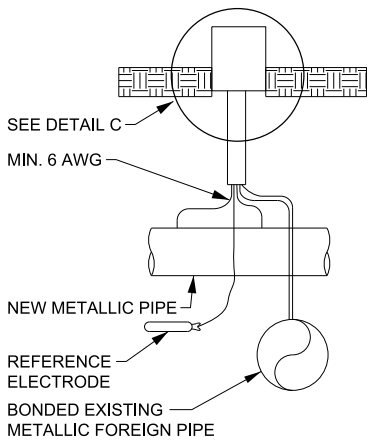


PIPE ACCESS TEST STATION



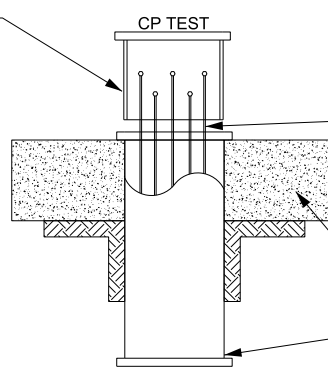
**FLUSH-MOUNTED TEST STATION
SUBJECT TO TRAFFIC LOADS**

DETAIL B



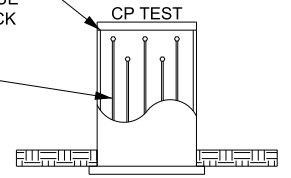
**FOREIGN BONDED PIPE
TEST STATION**

TEST BOX WITH 150
DIAMETER CAST
IRON LID AND
COLLAR, SET BOX IN
CONCRETE &
ATTACH WIRES TO
TERMINALS WITH
RING TONGUE
CONNECTOR, LEAVE
450 SLACK



**SIDEWALK AT GRADE TEST BOX
DETAIL A**

ABOVE GRADE TEST BOX
PEDESTAL. ATTACH WIRES TO
TERMINALS WITH RING TONGUE
CONNECTOR, LEAVE 450 SLACK



**ABOVE GRADE TEST BOX
DETAIL C**

CONCRETE PAD TO BE
450 SQUARE x 100
DEEP MINIMUM.
EXTEND PLASTIC
SLEEVE TO PIPE

NOTE

1. TEST STATIONS SHALL BE IN AGREEMENT WITH OPSS 442.
2. TEST STATION LEADS SHALL BE INSTALLED IN SCHEDULE 40 PVC CONDUIT.
3. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
4. AN ADDITIONAL TEST STATION SHALL BE INSTALLED AS CLOSE AS POSSIBLE TO EACH SUBSTATION.
5. ALONG THE LRT CORRIDOR, TEST STATIONS SHALL BE SPACED APPROXIMATELY 150m APART.
6. PROVIDE HARDWOOD BLOCKING OR OTHER SUPPORT TO PREVENT SETTLEMENT AND/OR DAMAGE TO WIRE INSULATOR.
7. LEAVE A MINIMUM OF APPROXIMATELY 450mm OF SLACK IN THE TEST LEADS, NEATLY COILED IN THE BOTTOM OF THE VALVE BOX TO ALLOW REMOVAL OF THE TEST STATION. CONDUIT SHALL BE SECURELY FASTENED TO THE PIPE OR POST WITH BANDING STRAPS OR CONDUIT CLIPS, MAXIMUM FASTENER SPACING SHALL BE 400.
8. TEST STATION TO BE LOCATED OUTSIDE OF THE TRAVELLED ROAD WHERE THEY ARE REASONABLY ACCESSIBLE FOR TESTING WITHOUT THE NEED FOR TRAFFIC CONTROL.
9. PIPE ACCESS TEST STATIONS UTILIZED TO CONNECT ANODES TO THE PIPELINE SHALL CONTAIN 2 - #8 AWG ANODE HEADER CABLES CONNECTED TO THE PIPELINE AT THE TEST STATION TERMINAL BOARD. PIPE ACCESS TEST STATIONS INSTALLED ADJACENT TO LIGHT RAIL TRANSIT TRACTION POWER SUBSTATIONS SHALL CONTAIN SPARE TERMINALS FOR FUTURE CONNECTION OF 2 STRAY CURRENT DRAINAGE CABLES. THE MINIMUM SIZE OF STRAY CURRENT DRAINAGE CABLES SHALL BE #2 AWG.
10. ALL MATERIAL AND TEST STATION BOXES ARE SUBJECT TO REGION OF PEEL APPROVAL.



**PUBLIC WORKS
STANDARD DRAWING**

REV. DATE: FEBRUARY 2015

APPROVED BY

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AECOM

STD. DWG. NUMBER

SCALE

3-2-3

N.T.S.

TEST STATION