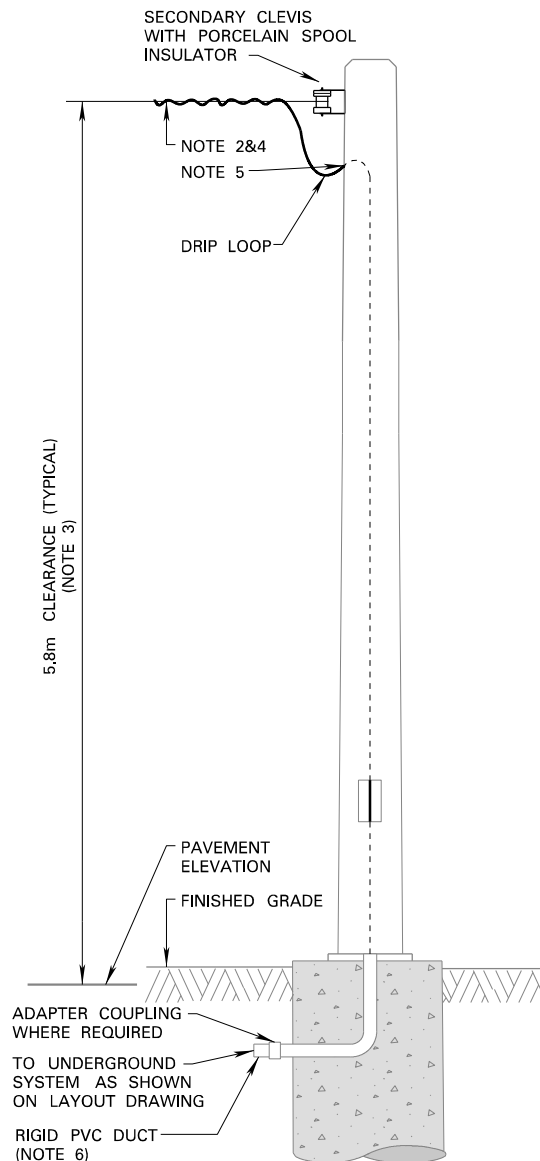


OVERHEAD NON-INTRUSIVE DETECTION INSTALLATION ON A DIRECT BURIED POLE



OVERHEAD NON-INTRUSIVE DETECTION INSTALLATION ON A BASE-MOUNTED STEEL POLE

**NOTES**

1. REFER TO CONTRACT DRAWINGS FOR AERIAL SPAN LOCATIONS.
2. IF REQUIRED, STEEL MESSENGER CABLES SHALL BE 3/8" DIAMETER GRADE 180 STRANDED.
3. ATTACHMENT HEIGHT TO BE SET TO OBTAIN THE CLEARANCE HEIGHT SHOWN UNDER CSA HEAVY LOADING CONDITIONS AND OPSD 2245.010. INSTALL SUSPENSION CABLE ATTACHMENT HEIGHT ACCORDING TO ELEVATION DETAIL AND ALLOW FOR DEVIATIONS BETWEEN PAVEMENT ELEVATION AND FINISHED GRADE ELEVATION AT POLE.
4. COMPOSITE 2PR 22 AWG 1PR 18 AWG OVERALL SHIELD HOME RUN CABLE SHALL BE USED FOR UNDERGROUND AND AERIAL APPLICATIONS.
5. WIRING APERTURE TO BE FIELD DRILLED. APERTURE SHALL BE 28mm DIA. DE-BURRED, PROTECTED WITH ZINC RICH PAINT AND FITTED WITH A RUBBER GROMMET.
6. DIRECT BURIED CONDUIT SHALL BE INSTALLED IN ACCORDANCE WITH TTD 803.001, 803.010 AND 804.025.



**TYPICAL NON-INTRUSIVE DETECTION AERIAL SPAN**

SCALE  
NOT TO SCALE

REVISION DATE  
SEPTEMBER, 2023

Traffic Management Section

APPROVED BY:  
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DRAWN BY:  
T.H.

PLAN No.  
**810.016**