TYPICAL UNDERGROUND PIT SYSTEM

SECTION A-A
UNDER ROAD SINGLE LAYER

SECTION B-B
UNDER VERGE/MEDIAN SINGLE LAYER

SECTION C-C
UNDER VERGE TWO LAYERS

WITH MEDIAN

WITHOUT MEDIAN

LEGEND

SA PVC CONDUITS
SB PVC CONDUITS
LOOP PIT LTD

TRAFFIC SIGNAL CONTROLLER

SIGNAL POST NUMBER
EARTH PIT LTD

TERMINATION PIT PCBTI
COMMUNICATIONS PIT
DETECTOR LOOP

NOTES
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MAIN ROADS SPECIFICATION T20 AND TRAFFIC SIGNAL DESIGN GUIDELINES.
2. CONDUITS SHOULD BE INSTALLED WHERE THEY CAN BE READILY ACCESSED FOR CABLE BY SIMPLE EXCAVATION WITHOUT THE NEED TO DISTURB ROAD PAVEMENT, CONCRETE PAIRS, ETC.
3. CONDUITS SHALL CROSS ROADS CONTINUOUSLY THROUGH MEDIANS AND IN STRAIGHT LINES, PREFERABLY PERPENDICULAR TO THE TRAFFIC LINES.
4. CONDUITS SHALL NOT BE INSTALLED UNDER PEDESTRIAN RAMPS OR OAPs.
5. CLEARANCE BETWEEN CONDUITS AND SIGNAL POSTS SHALL BE 2250 MM MINIMUM.
6. EXCEPT WHERE INSTALLED BY BORING, ALL CONDUITS SHALL BE MADE WITH MARKER TAPE IN ACCORDANCE WITH MAIN ROADS SPECIFICATION T20.
7. WHERE CONDUITS ARE INSTALLED BY BORING THE INDIVIDUAL CONDUIT END SADDLE SHALL BE IDENTIFIED AND MARKED.
8. ALL CONDUITS SHALL BE RUN THROUGH TERMINATING PLATES AND CABLE DRAW PITS.
9. LOOP FEEDER CONDUITS ONLY SHALL ALSO BE RUN THROUGH LOOP PITS.
10. WHERE FUTURE EXPANSION IS ANTICIPATED, SUITABLE CONDUITS SHOULD BE ARRANGED TO ACCOMMODATE EXPECTED ADDITIONAL PLATES AND PITS.
11. PITS SHALL NOT BE INSTALLED IN PEDESTRIAN RAMPS OR OAPs, OR WHERE THEY COULD BE SUBJECT TO FLOOING.
12. CLEARANCE BETWEEN PITS AND SIGNAL POSTS SHOULD BE 1500 MM WHERE POSSIBLE.
13. CLEARANCE BETWEEN PITS AND TRAFFIC SIGNALS SHALL BE IN ACCORDANCE WITH MAIN ROADS TRAFFIC SIGNAL DESIGN GUIDELINES.
14. BACKFILL AND REMEDIATION OF ROAD SURFACE SHALL BE IN ACCORDANCE WITH MAIN ROADS SPECIFICATION T20.