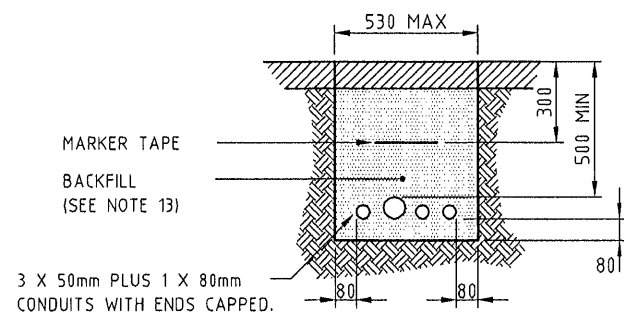


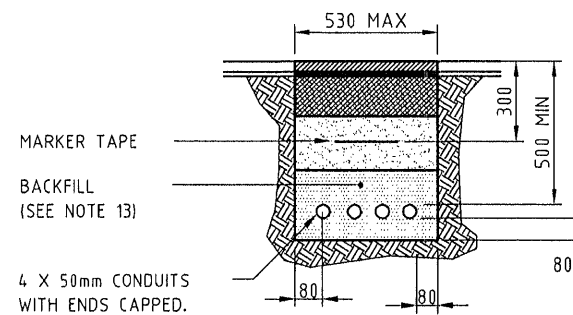
SECTION A-A

UNDER ROAD  
SINGLE LAYER



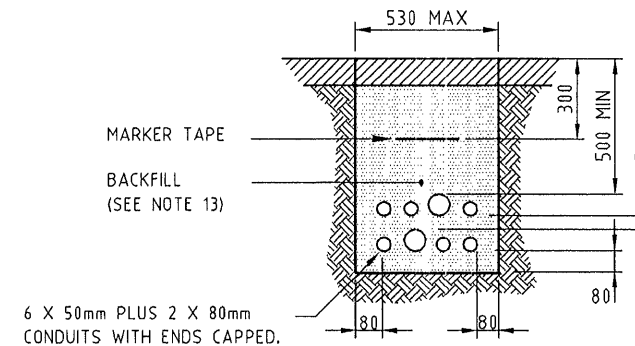
SECTION B-B

UNDER VERGE/MEDIAN  
SINGLE LAYER



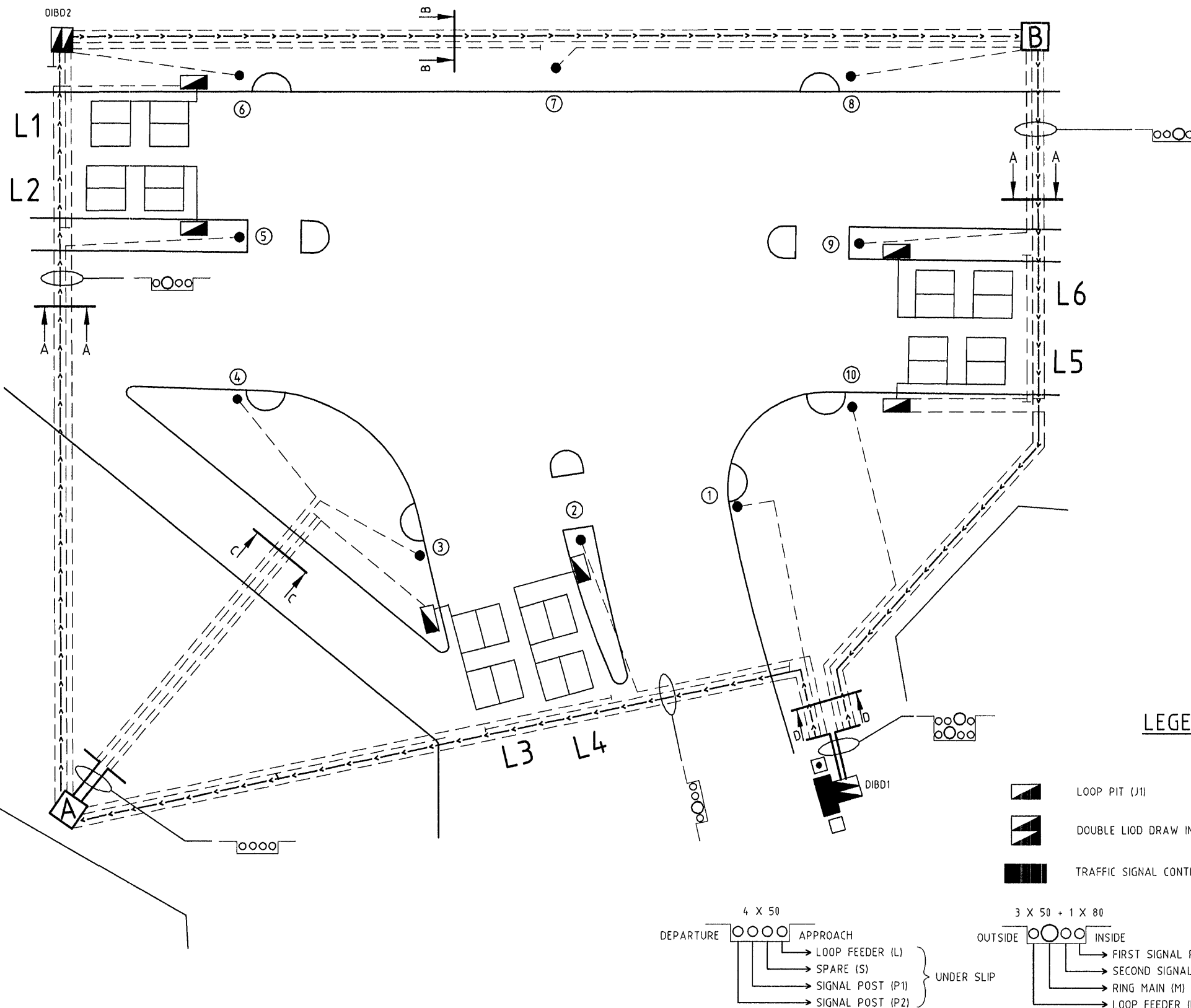
SECTION C-C

UNDER SLIP ROAD  
SINGLE LAYER



SECTION D-D

UNDER VERGE  
TWO LAYERS

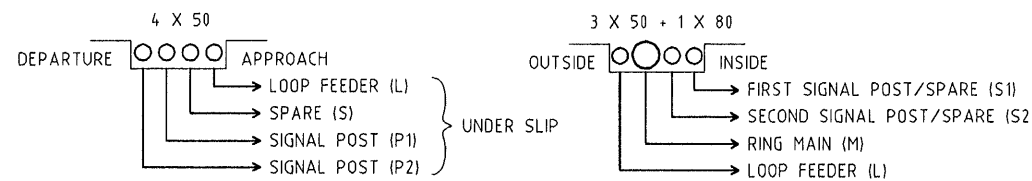


TYPICAL UNDERGROUND PIT SYSTEM

PIT	POST
■	1,2,10
A	3,4,5
B	6,7,8,9

LEGEND

- 50 PVC CONDUITS
- 80 PVC CONDUITS
- SIGNAL POST NUMBER
- EARTH PIT (J1)
- TERMINATION PIT (FC18)
- COMMUNICATIONS PIT
- DETECTOR LOOP
- LOOP PIT (J1)
- DOUBLE LIOD DRAW IN BOX (FC12)
- TRAFFIC SIGNAL CONTROLLER



AMENDMENTS

No.	DESCRIPTION	APPROVED & DATE

- NOTES
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH MAIN ROADS SPECIFICATION 712 AND TRAFFIC SIGNAL DESIGN GUIDELINES.
  - CONDUITS SHOULD BE INSTALLED WHERE THEY CAN BE READILY ACCESSED FOR CABLING BY SIMPLE EXCAVATION WITHOUT THE NEED TO DISTURB ROAD PAVEMENT, CONCRETE PADS ETC.
  - CONDUITS SHALL CROSS ROADS CONTINUOUS THROUGH MEDIANS AND IN STRAIGHT LINES, PREFERABLY PERPENDICULAR TO THE TRAFFIC LANES.
  - CONDUITS SHALL NOT BE INSTALLED UNDER PEDESTRIAN RAMPS OR GAPS.
  - CLEARANCE BETWEEN CONDUITS AND SIGNAL POSTS SHALL BE 200mm MINIMUM.
  - EXCEPT WHERE INSTALLED BY BORING, ALL CONDUITS SHALL HAVE A MARKER TAPE IN ACCORDANCE WITH MAIN ROADS SPECIFICATION 712.
  - WHERE CONDUITS ARE INSTALLED BY BORING THE INDIVIDUAL CONDUIT ENDS SHALL BE IDENTIFIED AND MARKED.
  - ALL CONDUITS SHALL BE RUN THROUGH TERMINATING PITS AND CABLE DRAW PITS. LOOP FEEDER CONDUITS (ONLY) SHALL ALSO BE RUN THROUGH LOOP PITS.
  - WHERE FUTURE EXPANSION IS ANTICIPATED, SUFFICIENT CONDUITS SHOULD BE ARRANGED TO ACCOMMODATE EXPECTED ADDITIONAL POSTS AND PITS.
  - PITS SHALL NOT BE INSTALLED IN PEDESTRIAN RAMPS OR GAPS, OR WHERE THEY COULD BE SUBJECT TO FLOODING.
  - CLEARANCE BETWEEN PITS AND SIGNAL POSTS SHOULD BE 1m MINIMUM WHERE POSSIBLE.
  - CLEARANCE BETWEEN PITS AND TRAFFIC SHALL BE IN ACCORDANCE WITH MAIN ROADS TRAFFIC SIGNAL DESIGN GUIDELINES.
  - BACKFILL AND REINSTATEMENT OF ROAD SURFACE SHALL BE IN ACCORDANCE WITH MAIN ROADS SPEC. 712.

Government of Western Australia  
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FILE NUMBER 67-08-4F  
 DESIGNED / DRAWN F. WINKLER / K. GREEDA  
 VERIFIED B. CHAREHJOO  
 APPROVED *[Signature]* 21/10/07

GUIDELINE DRAWING  
 TRAFFIC CONTROL SIGNALS  
 CONDUIT LAYOUT  
 TYPICAL T INTERSECTION  
 LOCAL AUTHORITY  
 DRAWING TYPE DRAWING NUMBER AMEND  
 200431-0137

SCALE N.T.S.  
 MICROFILM DATE A 3