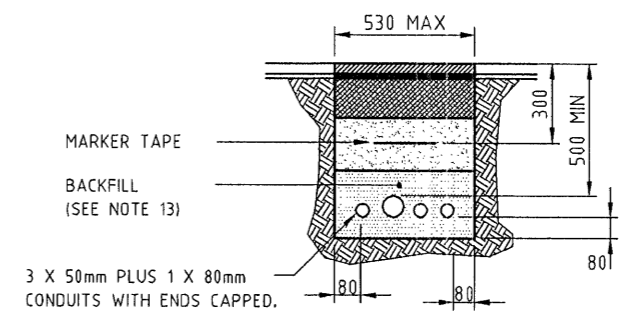
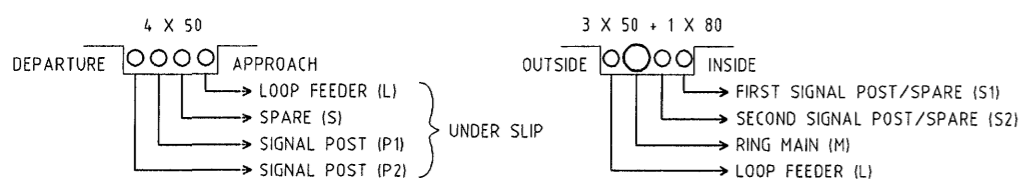


4 - WAY INTERSECTION WITH SLIP LANES
AWFS & RED LIGHT CAMERA

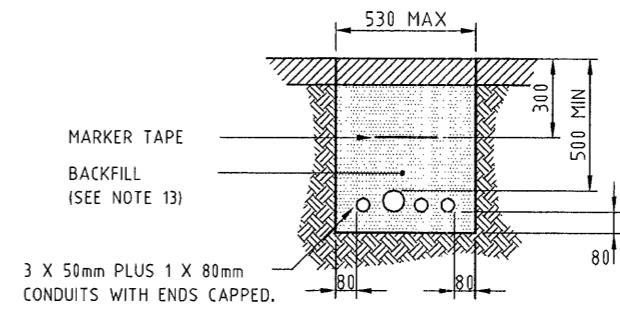
TYPICAL UNDERGROUND PIT SYSTEM

PIT	POST
1	1,2,12
A	3,4,5
B	6,7,8
C	9,10,11

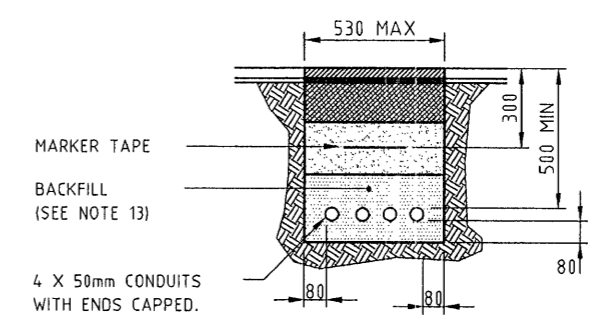
- LEGEND**
- 50 PVC CONDUITS
 - >->- 80 PVC CONDUITS
 - ◻ LOOP PIT (J1)
 - ◻ DOUBLE LID DRAW IN BOX (FC12)
 - ◻ SINGLE LID DRAW IN BOX (J1)
 - ◼ TRAFFIC SIGNAL CONTROLLER
 - ① SIGNAL POST NUMBER
 - ◻ EARTH PIT (J1)
 - ◻ TERMINATION PIT (FC18)
 - ◻ COMMUNICATIONS PIT (J1)
 - ◻ DETECTOR LOOP
 - ◻ RED LIGHT INFRINGEMENT CAMERA



SECTION A-A
UNDER ROAD
SINGLE LAYER



SECTION B-B
UNDER VERGE / MEDIAN
SINGLE LAYER



SECTION C-C
UNDER SLIP ROAD
SINGLE LAYER

AMENDMENTS	
No.	DESCRIPTION

- 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 SPECIFICATION 712.

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 ROAD AND TRAFFIC ENGINEERING
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FILE NUMBER	67-08-4F
DESIGNED / DRAWN	F. WINKLER / K. GREEDA
VERIFIED	B. CHAREHJOO 06/11/2006
APPROVED	<i>[Signature]</i> 21/01

GUIDELINE DRAWING
TRAFFIC CONTROL SIGNALS
CONDUIT LAYOUT

LOCAL AUTHORITY	DRAWING NUMBER	AMEND
	200431-0136	

SCALE N.T.S. MICROFILM DATE A 3