



Level 17, PIPE Networks House, 127 Creek Street, Brisbane 4000
PH:(07) 3233 9895 FAX:(07) 3233 9885

DBYD ENQUIRY RETURN:

PIPE Networks **DOES** own or operate telecommunications network infrastructure within the request area detailed above.

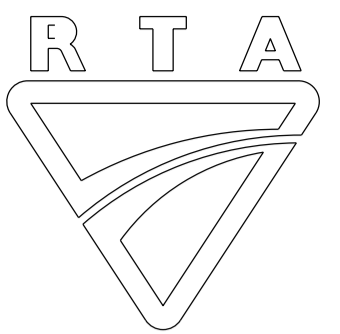
The affected network infrastructure is contained within the **Telstra** duct network and can be found listed on the appropriate **Telstra** duct Network plans.

THIS NETWORK IS VITAL TO OUR OPERATIONS AND AS SUCH, IT IS CRITICAL THAT **NO WORKS** COMMENCE WITHIN THE AREA UNTIL YOU HAVE RECEIVED AND APPRAISED THE TELSTRA DUCT PLANS FOR THIS AREA.

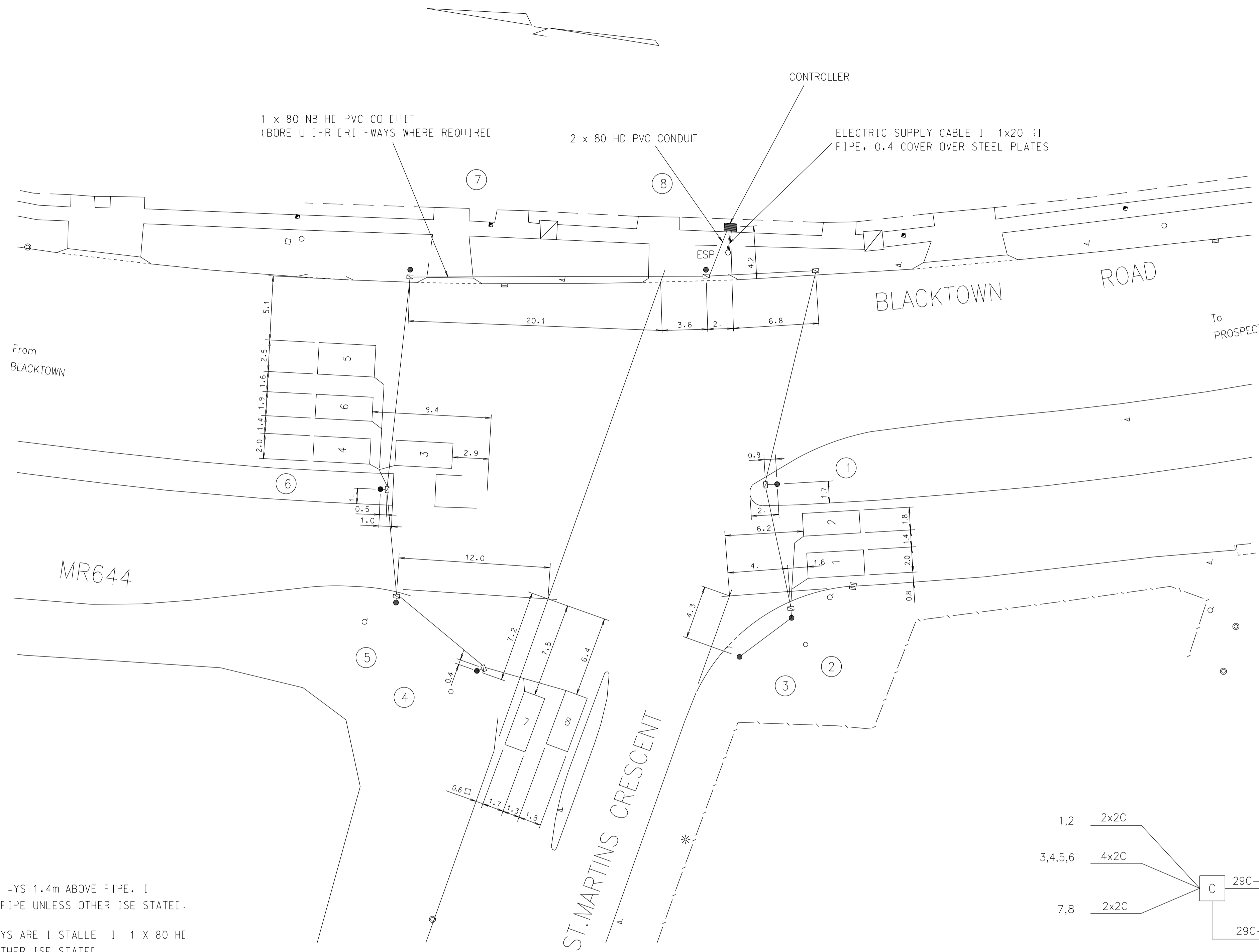
Due to continued network expansion, this network information can only be considered valid and accurate for 28 days from issue.

PIPE Networks will seek compensation for any damage to its network through negligence or ignorance of your duty of care.

PIPE NETWORKS
Ph (07) 3233 9895
Email: dbyd@pipenetworks.com
(for information specifically on this job only)

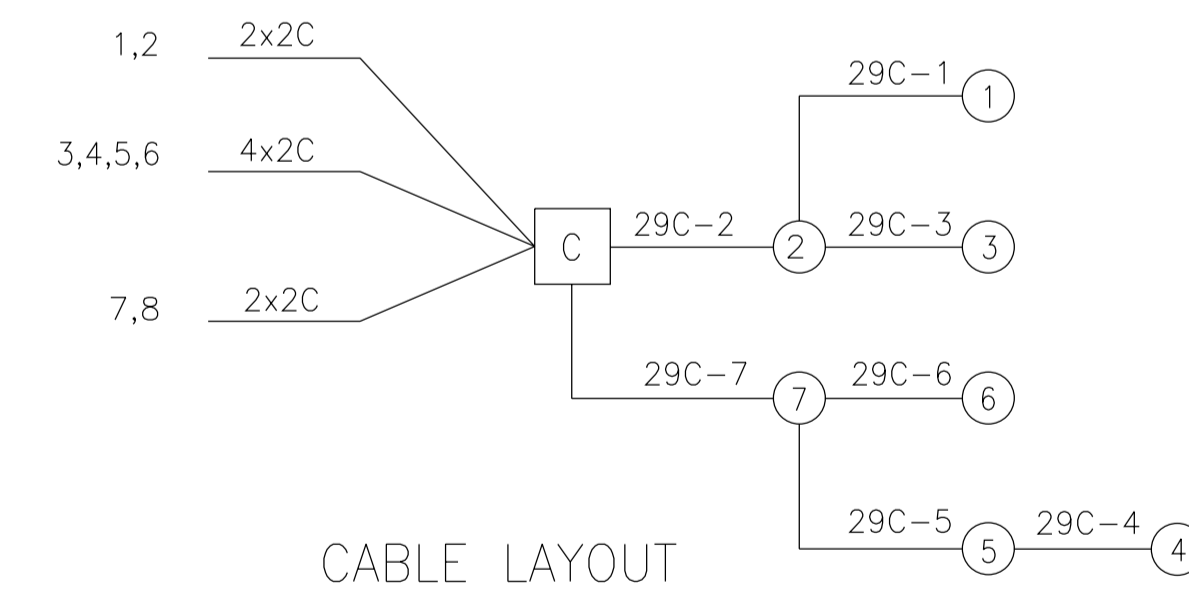


0644.040.W.2375

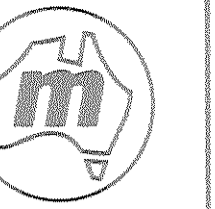


NOTES

1. CABLE COVER: IN ROADWAYS 1.4m ABOVE F.I.P.E. IN FOOTWAYS 0.5m ABOVE F.I.P.E. UNLESS OTHERWISE STATED.
2. ALL CABLES IN FOOTWAYS ARE INSTALLED IN 1 X 80 HD PVC CONDUIT UNLESS OTHERWISE STATED.
3. ALL ROADCROSSING PIPES ARE 1 X 80 HD PVC CONDUIT.

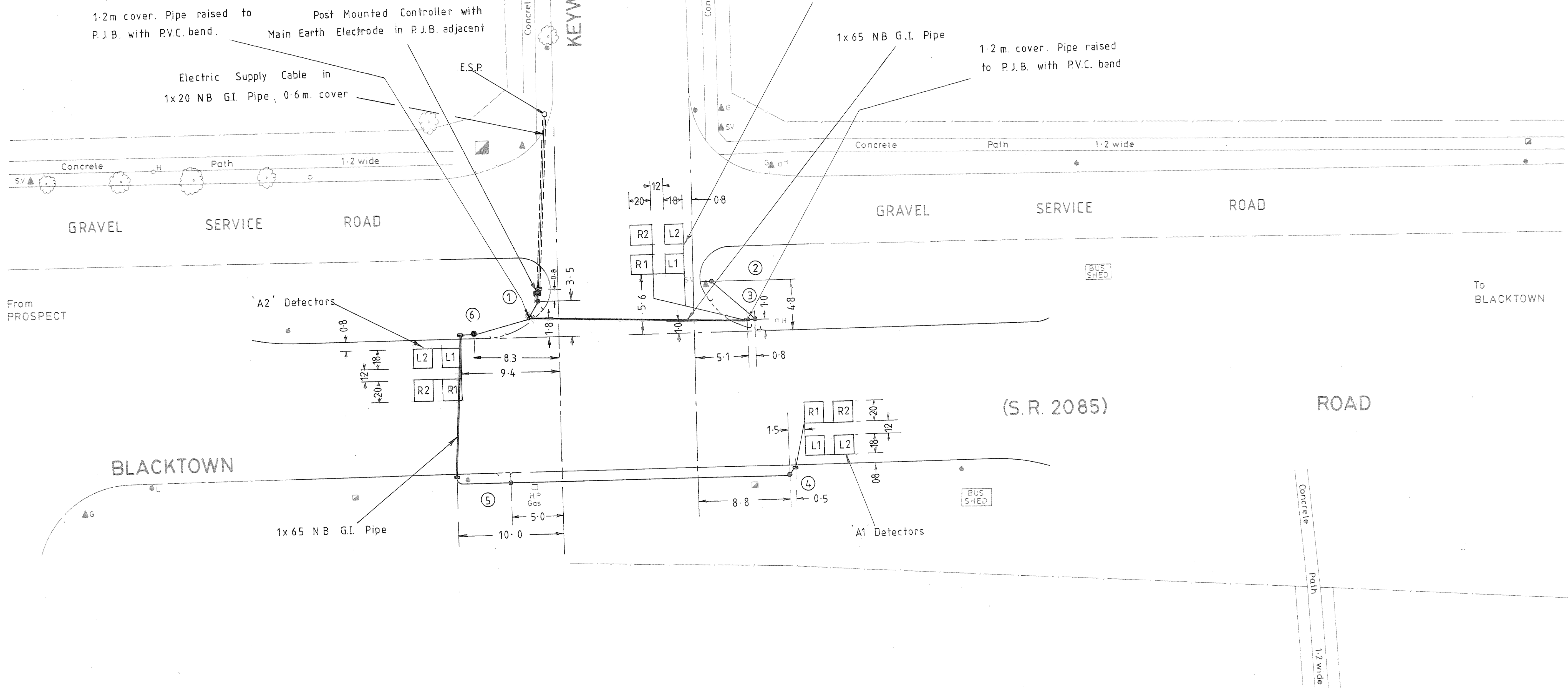
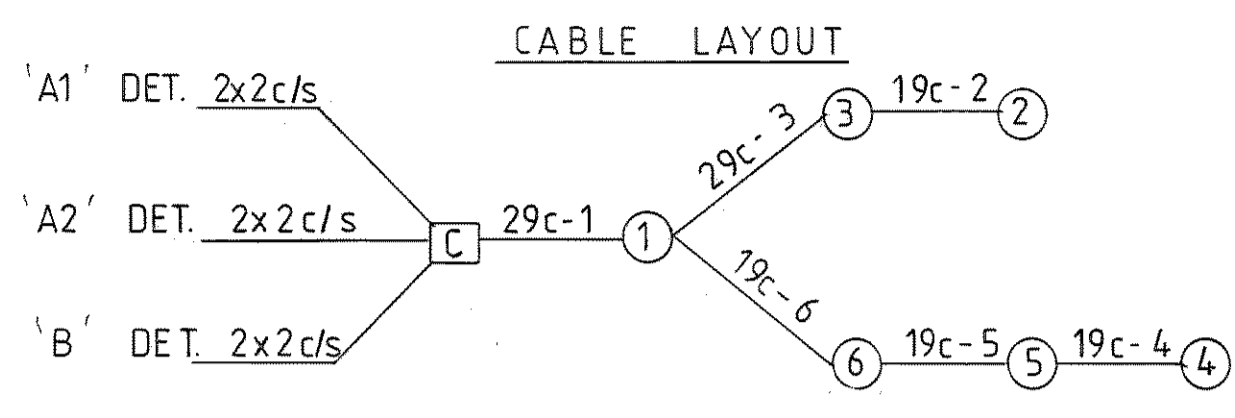


A ORIGINAL ISSUE	<table border="1"> <tr> <th>PUBLIC UTILITY LEGEND</th> <th>REFERENCE PLANS</th> <th>U.B.D. Ref. MAP 50 F1</th> </tr> <tr> <td>HYDRANT <input type="checkbox"/></td> <td>SYMBOLS/ABBS. VD003-6</td> <td>I.S. : E: 292500</td> </tr> <tr> <td>STOP VALVE <input type="checkbox"/></td> <td>STD. POSIT. VD001-5</td> <td>CO-ORDS N: 1260500</td> </tr> <tr> <td>A. VALVE <input type="checkbox"/></td> <td>DET. SCHED. EXP. VD018-10</td> <td>DESIGNED E. PLATON</td> </tr> <tr> <td>SEWER MANHOLE <input type="checkbox"/></td> <td>PRES. DETECT. 2C005-9</td> <td>CHECKED L. CLAY</td> </tr> <tr> <td>TELECOM PIT <input type="checkbox"/></td> <td>SS - DIS. SEQ. VD018-B</td> <td>.....RUTTER..... SITE CHECKED</td> </tr> <tr> <td>ELECT. LIGHT POLE <input type="checkbox"/></td> <td></td> <td>.....L. CLAY..... RECOMMENDED</td> </tr> <tr> <td>POWER POLE <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>STAIR POLE <input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>TELEPHONE BOX <input type="checkbox"/></td> <td>SURVEYOR : -NA- /</td> <td>..... DECEMBER 1999</td> </tr> <tr> <td>TELECOM PILLAR <input type="checkbox"/></td> <td>DATE : SEP91</td> <td>DATE</td> </tr> </table>	PUBLIC UTILITY LEGEND	REFERENCE PLANS	U.B.D. Ref. MAP 50 F1	HYDRANT <input type="checkbox"/>	SYMBOLS/ABBS. VD003-6	I.S. : E: 292500	STOP VALVE <input type="checkbox"/>	STD. POSIT. VD001-5	CO-ORDS N: 1260500	A. VALVE <input type="checkbox"/>	DET. SCHED. EXP. VD018-10	DESIGNED E. PLATON	SEWER MANHOLE <input type="checkbox"/>	PRES. DETECT. 2C005-9	CHECKED L. CLAY	TELECOM PIT <input type="checkbox"/>	SS - DIS. SEQ. VD018-BRUTTER..... SITE CHECKED	ELECT. LIGHT POLE <input type="checkbox"/>	L. CLAY..... RECOMMENDED	POWER POLE <input type="checkbox"/>			STAIR POLE <input type="checkbox"/>			TELEPHONE BOX <input type="checkbox"/>	SURVEYOR : -NA- / DECEMBER 1999	TELECOM PILLAR <input type="checkbox"/>	DATE : SEP91	DATE	<p>APPROVED</p> <p><i>[Signature]</i></p> <p>ELECTRICAL DESIGN MANAGER</p>	<p>Roads and Traffic Authority, N.S.W.</p> <p>CITY OF BLACKTOWN MR 644 BLACKTOWN ROAD AND ST. MARTINS CRESCENT BLACKTOWN</p> <p>CABLE INSTALLATION LAYOUT</p>	<p>DESIGN OFFICE PARRAMATTA - SYDNEY TECHNICAL SERVICES</p> <p>CADD DRAWN - FILE: WV2375_5A_INS.dgn</p> <p>SCALE 5 0 (1:200) 5 10</p> <p>FILE 40.TS.363 SUPERSEDES SHEET 2</p> <p>RE - N. 0644.040.W.2375</p>	<table border="1"> <tr> <td>ISSUE</td> <td>A</td> </tr> <tr> <td>SHEET</td> <td>5</td> </tr> </table>	ISSUE	A	SHEET	5
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<p>TCS No 2375</p>		<p>© COPYRIGHT ROADS AND TRAFFIC AUTHORITY</p>																																								



NOTES.

1. All dimensions are in metres except pipe diameters which are in millimetres.
2. Cable cover in roadways is 0.6m above G.I. or PVC pipe, and in footpath and median islands 0.45m above 'Electric Bricks' unless otherwise stated.
3. All cables to be installed in 1 x 80mm polythene pipe unless otherwise stated.
4. All detectors are 4.5m long consisting of two loops 1.8m long spaced, 0.9m apart.



CABLE INSTALLATION

A ORIGINAL ISSUE
 B ISSUE - J.L. SWR 3021
 POST No. 6 WAS E.S.P.
 W.A.E. POSITION CHANGED
 H.N.A.M.D. 23.5.90. 24.04.94

REFERENCE PLANS		SURVEYOR	
Symbol & Abb.	BD003.5	DATE	FLD. BK.
Standard Post.	BD001.3	U.S.D. REF	MAP 50 H4
Pres. Detectors	2C005.9	DESIGNED	HL 28-10-84
Type 2 Posts	PM202.1	CHECKED	J.G. 6-11-84
Det. Schedule Expl.	VDO18.7	N.C.L.	19-11-84
DESIGN LAYOUT	SHEET 1	PASSED	8.2.84/11-84
WIRING CHART	SHEET 3		

APPROVED

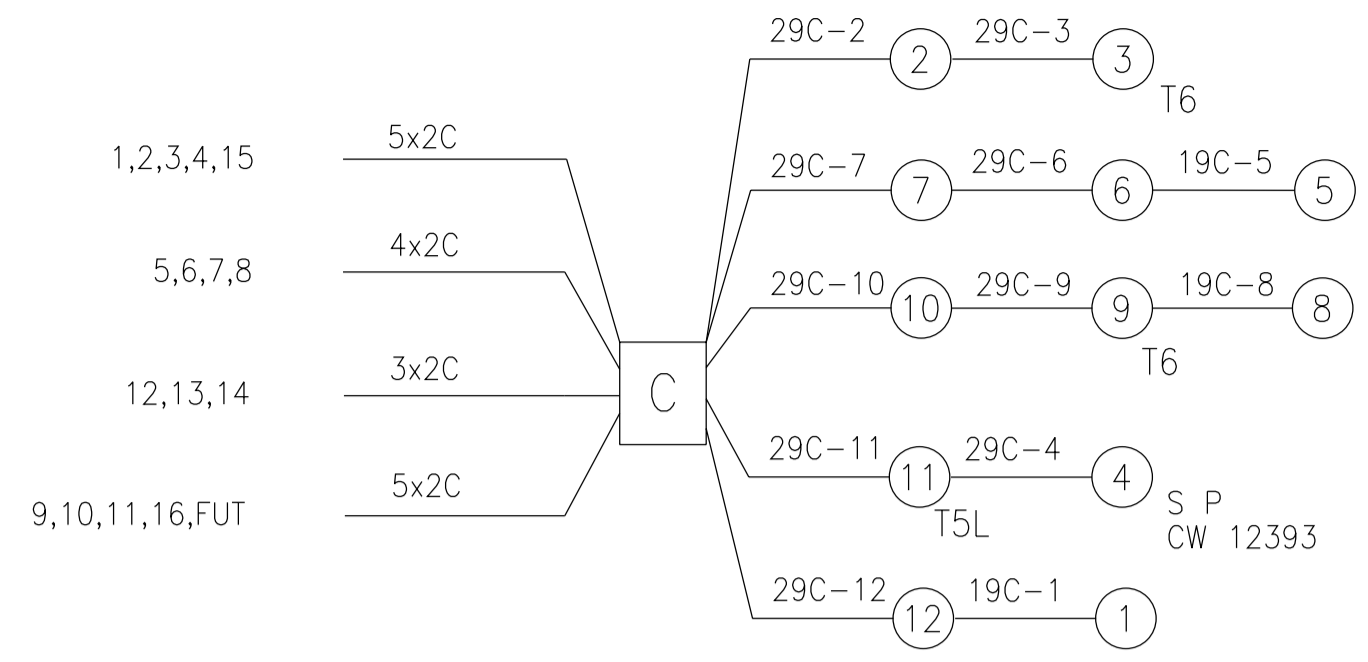
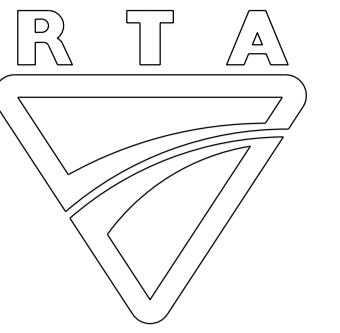
 Signals Engineer
 DATE: 23.11.84

DEPT. OF MAIN ROADS, NSW
 CITY OF BLACKTOWN
 INTERSECTION OF BLACKTOWN ROAD
 (S.R. 2085) AND KEYWORTH DRIVE
 AT BLACKTOWN T.C.S. No. 2439

DIVISION: BLACKTOWN			SUPERSEDES	
FILE No.	No. OF SHEETS	SHEET No.	ISSUE	
40TS120		2		
SCALE 1:200	0 1 2 3 4 5 10			
Reg. No.	2085.040.VV2439			

2085.040.W.2566

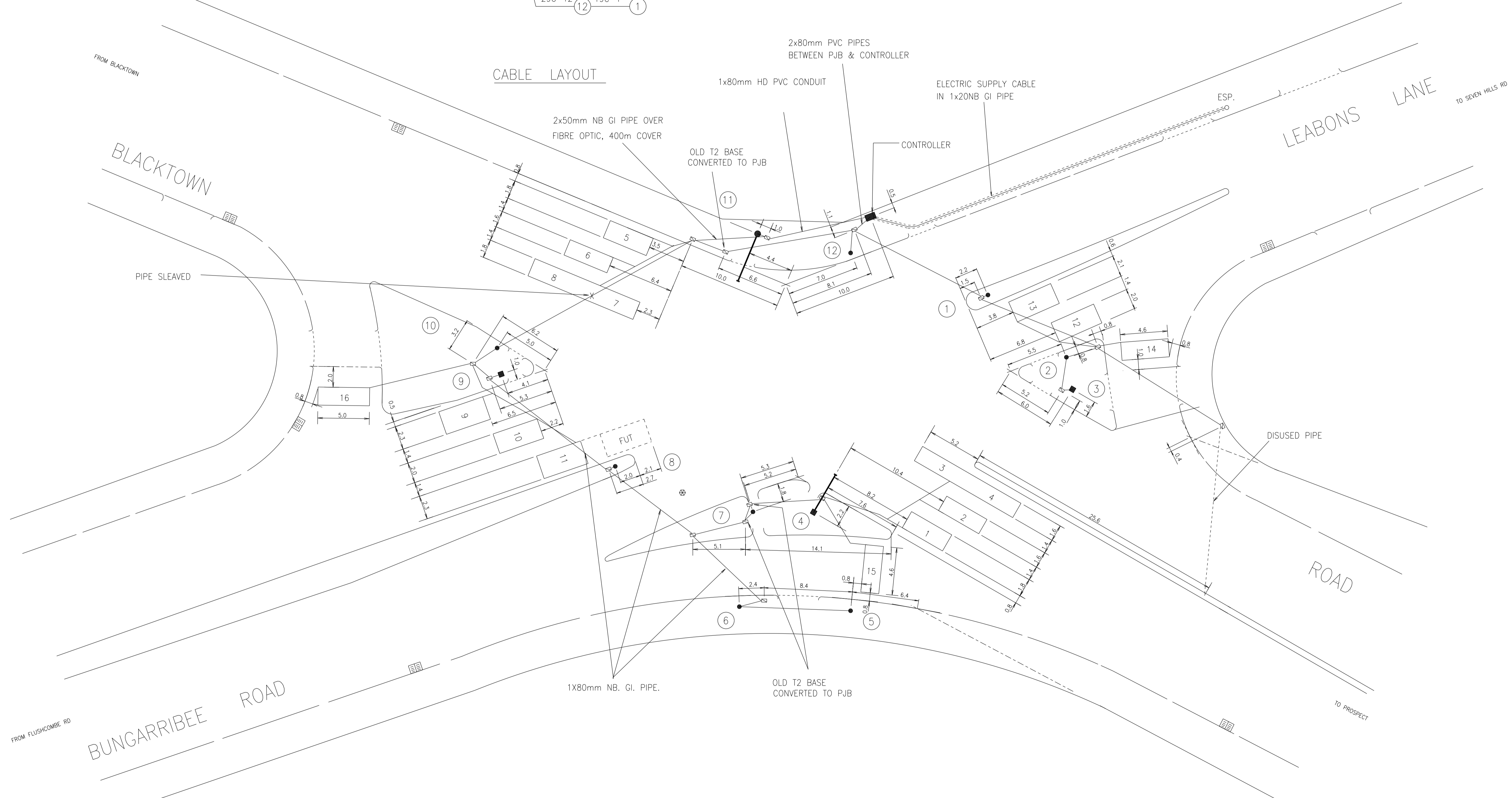
DATE IN SERVICE : 28/07/85



NOTES

1. CABLE COVER: IN ROADWAYS IS 0.6m ABOVE G.I. & 1.0m ABOVE PVC PIPE
IN FOOTPATH AND MEDIAN ISLANDS 0.45m ABOVE ELECTRIC BRICKS
UNLESS OTHERWISE STATED.
2. ALL ROADCROSSING PIPES ARE 1x80mm HD PVC PIPE UNLESS OTHERWISE STATED.
3. ALL CABLES ARE INSTALLED IN 1x80mm POLYTHENE PIPE, UNLESS OTHERWISE STATED.

CABLE LAYOUT



A ORIGINAL ISSUE
J/J SWR 5428 & SWR 5491
DET. B ADDED.

'B' ISSUE WAE
POSTS 15 & 11 WERE TYPE Z,
ALSO L. 27/06/95 L.C.LAY

'C' ISSUE WAE
POST RENUMBERED, ISLAND
EXTENDED, MEDIAN REMOVED ON
BLACKTOWN ROAD NORTH
MEDIAN REDUCED ON BLACKTOWN
ROAD SOUTH.
E.VAN 25-03-96

'D' ISSUE J/J SW 1256
DETECTORS RE-NUMBERED.
L.C. 23/06/97.

PUBLIC UTILITY LEGEND		REFERENCE PLANS		U.B.D. Ref. MAP 50-E4	
HYDRANT	□	SYMBOLS/ABBS	VD003-6	I.S.G. E:	
STOP VALVE	▲	STD. POSIT	VD001-5	CO-ORDS N:	
GAS VALVE	■	DET SCHED EXP	VD018-10	DESIGNED V. YOL	28 JAN 92
SEWER MANHOLE	⊗	PRES. DETECT	2C005-9	CHECKED C. AYO	21 FEB 92
TELECOM PIT	⊠	SSG DIS. SEQ.	VD018-9		
ELECT LIGHT POLE	⊙	DESIGN	SHEET 1		
POWER POLE	○	CABLE CHART	SHEET 6		
STAY POLE	⊕				
TELEPHONE BOX	⊞	SURVEYOR :			
TELECOM PILLAR	⊟	DATE :			

APPROVED

Roads and Traffic Authority, N.S.W.

CITY OF BLACKTOWN
BLACKTOWN, BUNGARRIBEE RDS.
AND LEABONS LANE
BLACKTOWN

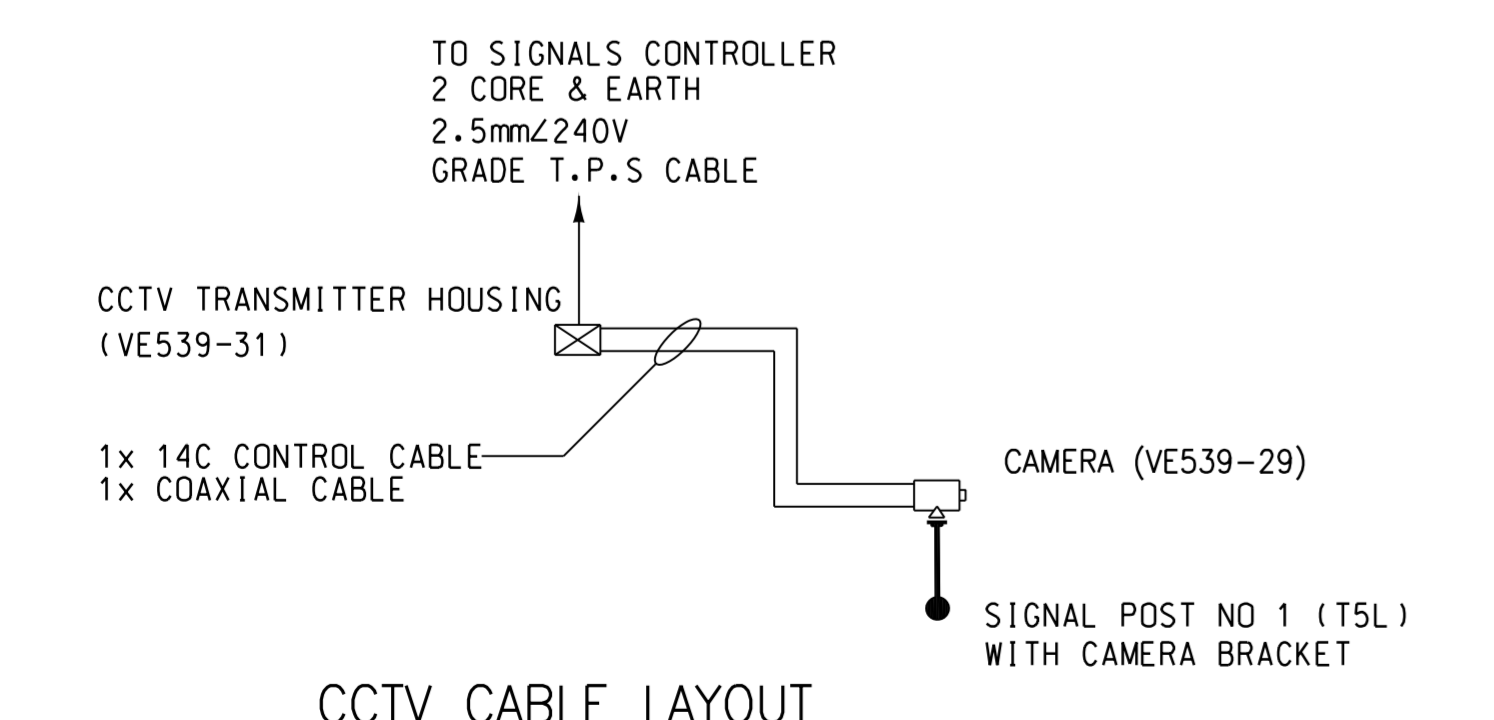
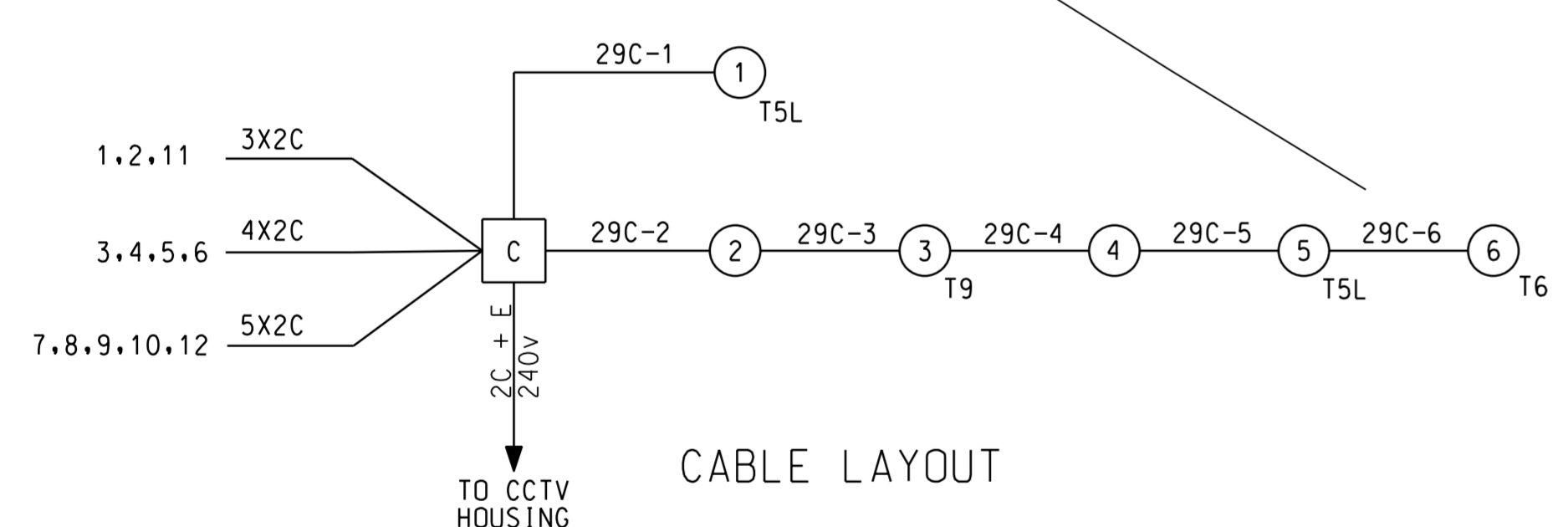
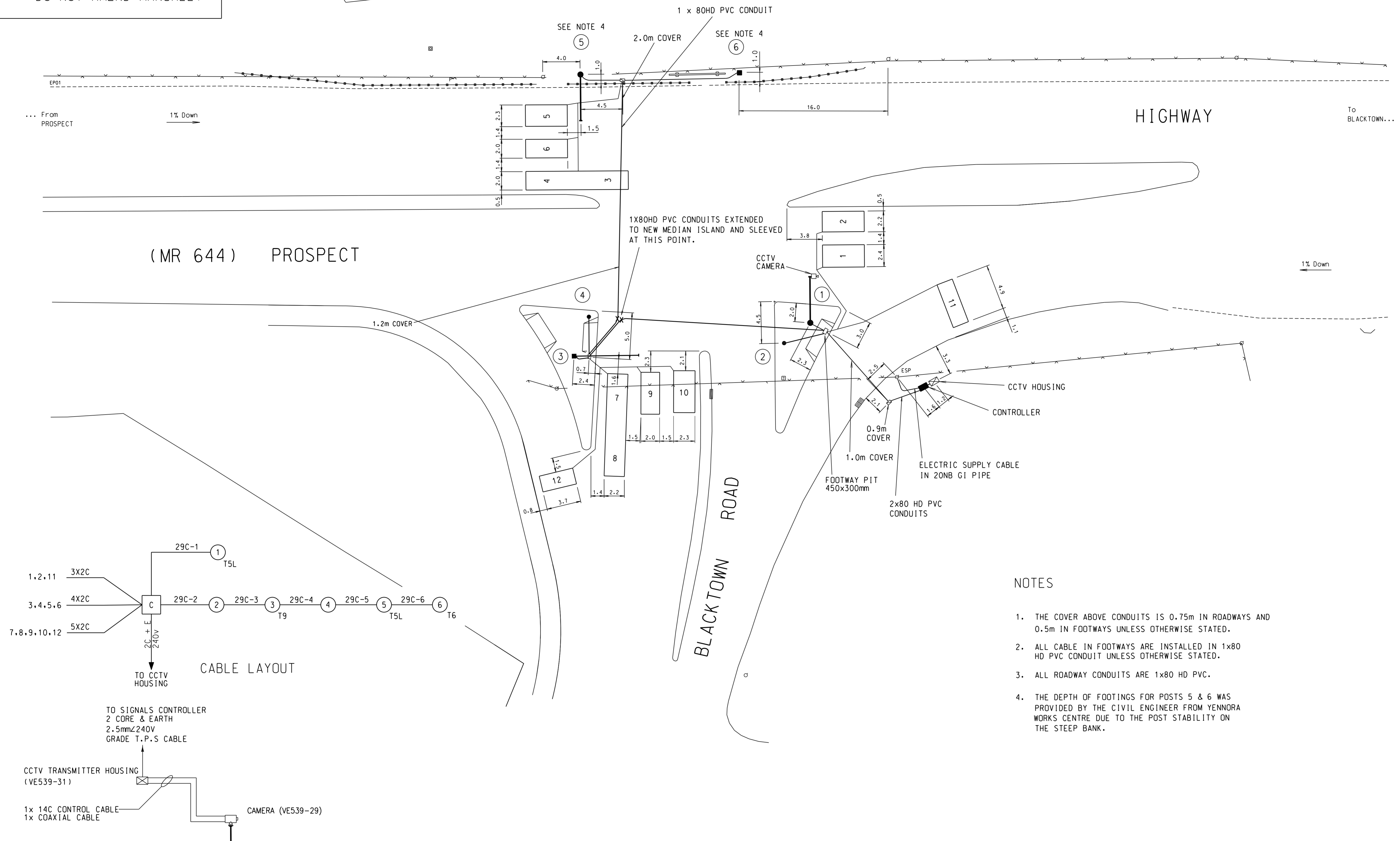
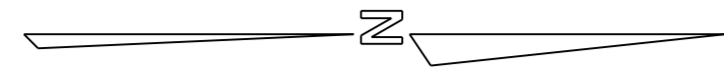
TCS No 2566

REGION: SYDNEY WESTERN
CADD DRAWING FILE: W.2566_5D_INS.dgn
SCALE 5 0 (1:200) 5 10
FILE 40.TS.283
REGN. 2085.040.W.2566

BRANCH: CONSULTANT SERVICES	LOGIN: ELECT	ISSUE
		D
SUPERSEDES SHEET	2B	SHEET
		5

0644.040.VV.3022

DRAWN USING CAD
DO NOT AMEND MANUALLY



NOTES

1. THE COVER ABOVE CONDUITS IS 0.75m IN ROADWAYS AND 0.5m IN FOOTWAYS UNLESS OTHERWISE STATED.
2. ALL CABLE IN FOOTWAYS ARE INSTALLED IN 1x80 HD PVC CONDUIT UNLESS OTHERWISE STATED.
3. ALL ROADWAY CONDUITS ARE 1x80 HD PVC.
4. THE DEPTH OF FOOTINGS FOR POSTS 5 & 6 WAS PROVIDED BY THE CIVIL ENGINEER FROM YENNORA WORKS CENTRE DUE TO THE POST STABILITY ON THE STEEP BANK.

CABLE INSTALLATION

A	ORIGINAL ISSUE
T	6582

B	ISSUE J11 SM 485 RECONSTRUCTION - ADDED BUS PHASE IN BLACKTOWN RD R.W.A. - L.L.C.
C	ISSUE: WAE COMPLETED. M.M. 06/11/08
D	ISSUE: WAE CABLE LAYOUT AMENDED. CCTV CAMERA MOUNTED ON POST 1. A.L. 13-11-2012 M.M.

PUBLIC UTILITY LEGEND		REFERENCE PLANS	
HYDRANT	□	SYMBOLS/ABBS.	V0003-6
STOP VALVE	▲	STD POSIT	V0001-5
GAS VALVE	≡	DET. SCHED EXP	V0018-10
SEWER MANHOLE	⊗	PRES. DETECT	V0005-17
TELECOM PIT	⊕	SSG DIS. SEQ.	V0018-9
ELECT LIGHT POLE	⊙	DESIGN	SHEET 1
POWER POLE	⊖	CABLE CHART	SHEET 3
STAY POLE	⊗	COUNT DETECT	V0005-27
TELEPHONE BOX	⊕	SURVEYOR	P. PEMBERTON
TELECOM PILLAR	⊙	DATE	OCTOBER 1992

U.B.D. Ref.	MAP 50 J4
I.S.C.	E: 292405
CO-ORDS	N: 1259370
DESIGNED	TIMAX P/L
CHECKED	
DATE	04-07-94
RECOMMENDED	
DATE	

Roads and Traffic Authority, N.S.W.

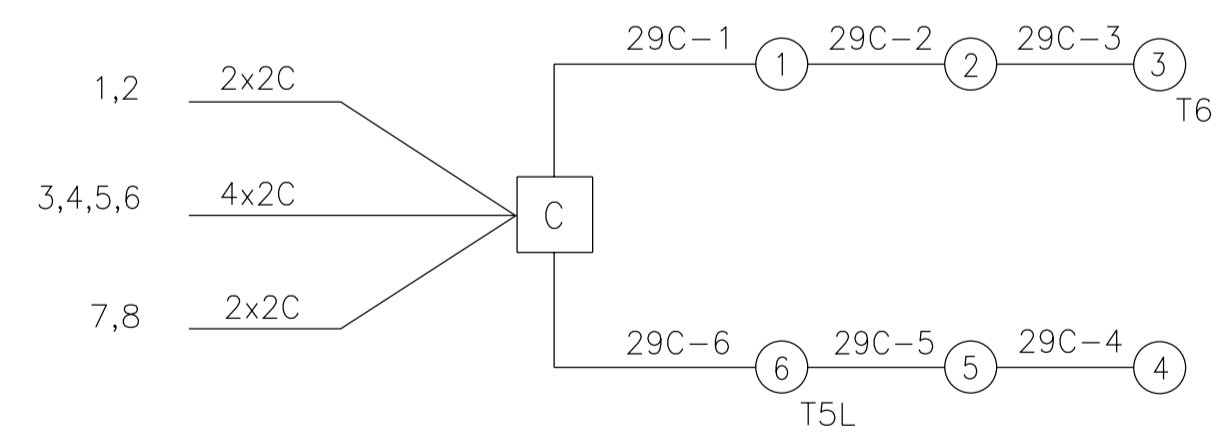
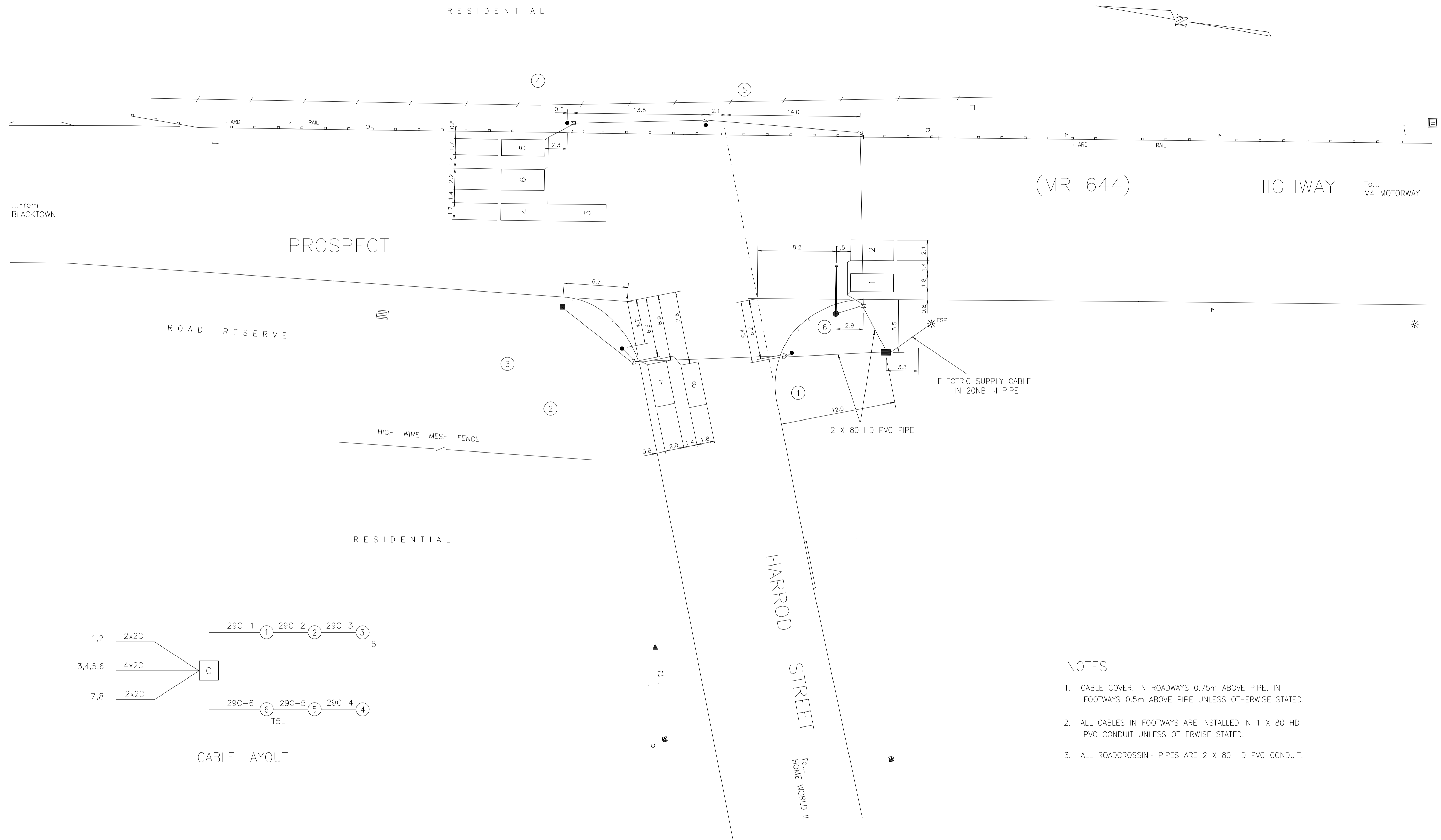
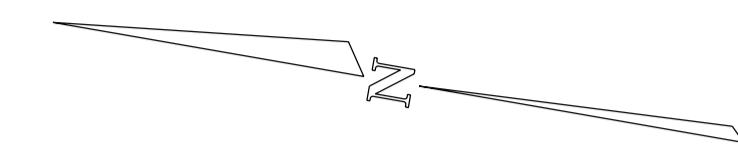
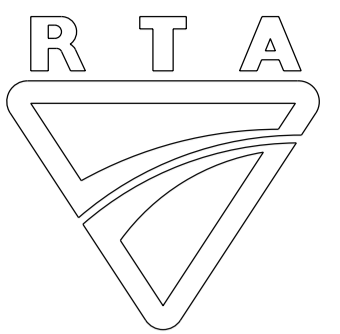
CITY OF BLACKTOWN
INTERSECTION OF (MR644) PROSPECT HWY
AND (SR 2085) BLACKTOWN ROAD,
PROSPECT

TCS No 3022

REGION: TRAFFIC ENGINEERING TECHNOLOGY: -SYDNEY OPERATIONS	LOGIN:	CAD DRAWING FILE: VV3022_2D_INS.dgn
SCALE 5 0 (1:200) 5 10	FILE 40.TS.382:1	SUPERSEDES SHEET/ISSUE
REGN. 0644.040.VV.3022	SHEET 2	ISSUE D

0644.040.VV.3327

DATE IN SERVICE : 19/11/97



CABLE LAYOUT

NOTES

1. CABLE COVER: IN ROADWAYS 0.75m ABOVE PIPE. IN FOOTWAYS 0.5m ABOVE PIPE UNLESS OTHERWISE STATED.
2. ALL CABLES IN FOOTWAYS ARE INSTALLED IN 1 X 80 HD PVC CONDUIT UNLESS OTHERWISE STATED.
3. ALL ROADCROSSING PIPES ARE 2 X 80 HD PVC CONDUIT.

A ORIGINAL ISSUE B ISSUE - WAE SUPPLY POSITION ALTERED. MINOR MODS TO SUIT WAE. B.K. 25-11-97 - LC	PUBLIC UTILITY LE-END HYDRANT <input type="checkbox"/> STOP VALVE <input type="checkbox"/> A VALVE <input type="checkbox"/> SEWER MANHOLE <input type="checkbox"/> TELECOM PIT <input type="checkbox"/> ELECT. LI-GHT POLE <input type="checkbox"/> POWER POLE <input type="checkbox"/> STA. POLE <input type="checkbox"/> TELEPHONE BOX <input type="checkbox"/> TELECOM PILLAR <input type="checkbox"/>	REFERENCE PLANS SYMBOLS/ABBS. VD003-6 STD. POSIT. VD001-5 DET. SCHED. EXP. VD018-10 PRES. DETECT. VC005-17 SS - DIS. SEQ. VD018-9 DESI-N LA'OUT. W3327-1 CABLE CHART. W3327-3	U.B.D. Ref. MAP 189 A I.S. E: 292 270 CO-ORDS. N: 1 258 809 DESI-NED M.MAHINTHAN CHECKED L.C.L.A. SITE CHECKED L.C.L.A. RECOMMENDED	APPROVED ELECTRICAL DESI-N MANAGER 22.08.97 DATE	Roads and Traffic Authority, N.S.W. BLACKTOWN COUNCIL PROSPECT HIGHWAY AND HARROD STREET PROSPECT TCS No 3327	DESI-N OFFICE PARRAMATTA - SYDNEY TECHNICAL SERVICES DRAWN - FILE: W3327_2B_INS.dgn SCALE 5 0 (1:200) 5 10 FILE 40 TS 414 RE - N. 0644.040.VV.3327 SUPERSEDES SHEET/ISSUE - SHEET 2
	CABLE INSTALLATION					