

2135

## GENERAL NOTES:

- REFER TO BRISBANE CITY COUNCIL - 'STANDARD DRAWINGS' UMS 111 FOR DRAWING SYMBOLS.
- NOT WITHSTANDING THAT THE PRESENT AND/OR PROPOSED POSITIONS OF PUBLIC UTILITIES, FITTINGS, PIPES, MANHOLES, ETC. MAY BE INDICATED ON DRAWINGS, NO RESPONSIBILITY WILL BE ACCEPTED BY THE PRINCIPAL FOR THE ACCURACY OF THE REPRESENTATION OR THE OMISSION THEREOF.
- IF WORKS REQUIRE EXCAVATION OR BORING (EITHER MANUALLY OR THROUGH THE USE OF MACHINERY), CONTACT DIAL BEFORE YOU DIG (DBYD) ON TELEPHONE No. 1100 (OR SUCH OTHER NUMBER AS IS ASSIGNED FROM TIME TO TIME TO THIS SERVICE OR REPLACEMENT SERVICE) TO REQUEST UTILITY PLANS OF UNDERGROUND SERVICES IN THE AREAS REQUIRING EXCAVATION.
- FOR ALL STREET LIGHTING MATTERS, NOTIFY THE RELEVANT ENERGEX BRANCH DEPOT NOT LESS THAN TWO (2) MONTHS PRIOR TO COMMENCEMENT DATE OF CONSTRUCTION. FOR FURTHER INFORMATION CONTACT THE RELEVANT B.C.C. CITY LIGHTING OFFICER.
- ALL NEW WORK IS TO BE JOINED NEATLY TO EXISTING.
- KERB PROFILE TO MATCH EXISTING KERB UNLESS OTHERWISE NOTED.
- ALL GULLIES ARE TO BE TYPE 'A' AS PER UMS 331 AND UMS 332 WITH Ø375 PIPE CONNECTION UNLESS OTHERWISE NOTED.
- GULLIES AND CONNECTIONS HAVE BEEN ALLOWED FOR IN THE SCHEDULE AS SHOWN ON THE DRAWINGS, BUT ACTUAL POSITION OF GULLIES MAY BE VARIED BY THE SUPERINTENDENT ON SITE.
- FOR STORMWATER PIPE TRENCH WIDTHS - REFER TO UMS 311.
- ALL SETOUT POINTS REFER TO ARC CENTRES OR TANGENT POINTS UNLESS OTHERWISE NOTED.

## CONCRETE ISLANDS NOTES

### GENERAL:

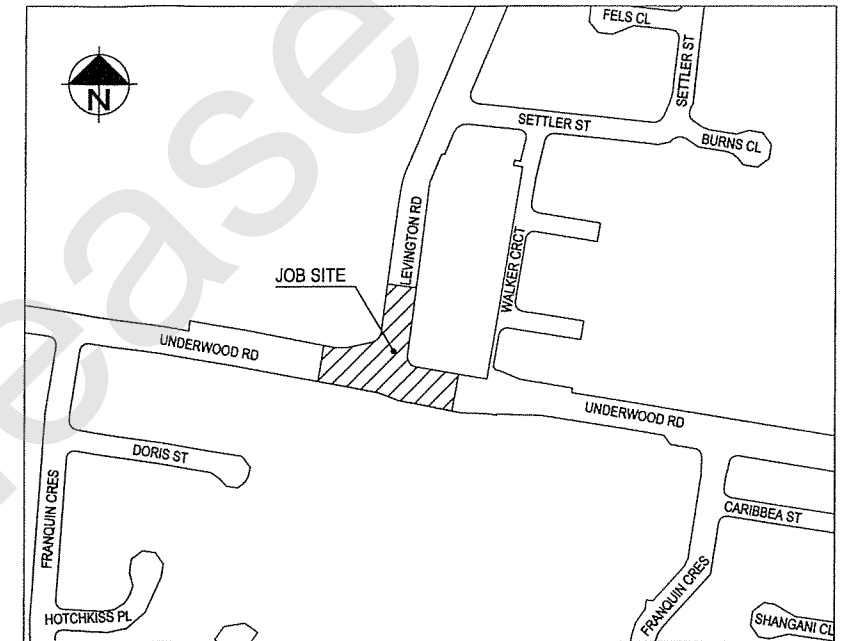
MOUNTABLE KERB TO BE USED FOR ALL ISLANDS UNLESS OTHERWISE NOTED.  
PAINT ALL KERB FACES OF ISLANDS RETRO-REFLECTIVE WHITE AS PER UMS 901 - DESIGN NOTE No. 5.  
ISLAND INFILLS ARE TO BE STENCILLED CONCRETE - 'FLEMISH' PATTERN WITH TERRACOTTA COLOUR.

### CAST IN-SITU ISLANDS:

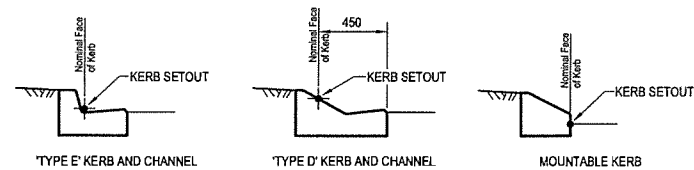
ISLANDS SHALL BE KEYED INTO THE EXISTING PAVEMENT BY MILLING EXISTING SURFACE 50mm OVER THE ENTIRE SURFACE AREA OF THE PROPOSED ISLAND.  
ALL SETOUT POINTS REFER TO ARC CENTRES UNLESS OTHERWISE NOTED.  
UMS 901 - DESIGN NOTE No. 7.

## SIGNS AND PAVEMENT MARKING NOTES

- (1) = LANE WIDTH MAY BE VARIED IF NECESSARY TO SUIT ACTUAL CROSS SECTION OF ROADWAY.
- PAINT FULL WIDTH 100mm WIDE WHITE LINES:  
(a) AROUND ALL MEDIANS AND ISLANDS  
(b) 200mm FROM EDGE OF BITUMEN.
- PAINT KERB FACE WHITE, APPROX. 10m BACK FROM NOSE ON BOTH SIDES OF ISLAND. PAINT ENTIRE PERIMETER OF SMALL ISLANDS.
- YELLOW LINE MARKING TO ALL BUS, TAXI AND LOADING ZONES.
- PAINT PAVEMENT MARKINGS IN ACCORDANCE WITH UMS 841 AND UMS 842.
- INSTALL RAISED REFLECTIVE PAVEMENT MARKERS (RRPM) IN ACCORDANCE WITH UMS 844, UMS 845 AND AS SHOWN ON PLAN.
- SIGNS ARE TO BE ERECTED OFFSET 600mm FROM EDGE OF PLATE TO KERB FACE WHERE POSSIBLE UNLESS OTHERWISE NOTED.
- REFER TO BCC REFERENCE SPECIFICATION FOR CIVIL ENGINEERING WORKS S150 SECTION 9, FOR PAVEMENT MARKING SPECIFICATIONS. SPECIFICALLY FOR BIKEWAYS:  
- LONGITUDINAL LINES ON BICYCLE FACILITIES TO BE COMPLETED IN HIGH BUILD / THICKNESS WATERBOURNE PAINT WITH GLASS BEADS AND ANTI-SKID MATERIAL AT INSTALLATION.  
- ALL TRANSVERSE MARKINGS, REGARDLESS OF MATERIAL, LOCATION OR USE, TO INCLUDE THE ADDITION OF GLASS BEADS AND ANTI-SKID MATERIAL APPLIED AT INSTALLATION.
- ALL DIMENSIONS ARE FROM FACE OF KERB (NOMINAL).



UBD MAP: 221, REF: M5  
**LOCALITY PLAN**  
NOT TO SCALE



**POSITION OF SETOUT POINT**  
N.T.S.

## LEGEND

- EXISTING TREE TO REMAIN
- STENCILLED CONCRETE - 'FLEMISH' PATTERN, TERRACOTTA COLOUR
- NEW PAVEMENT (REFER TO PAVEMENT DETAIL)

## PAVEMENT DETAILS

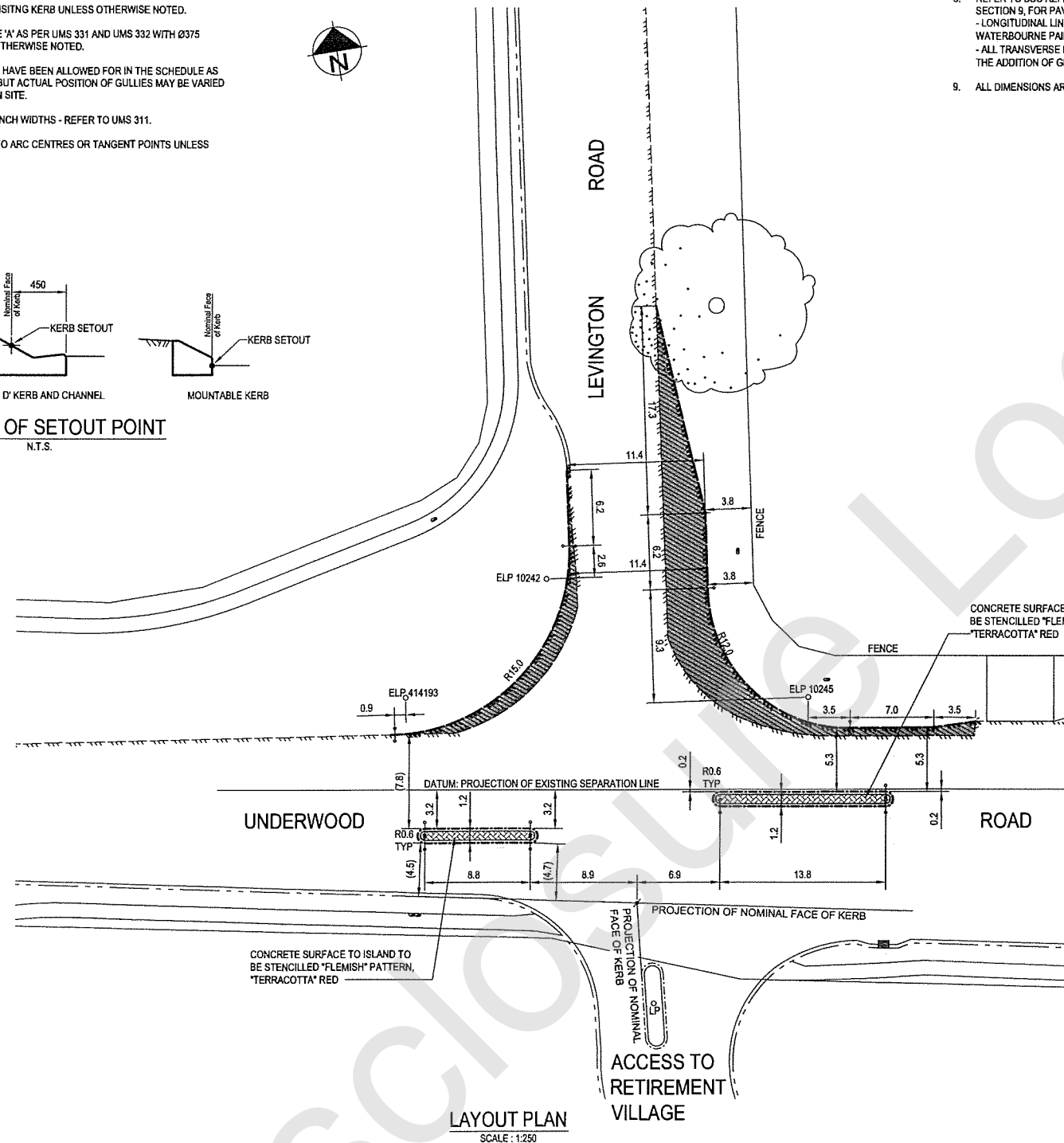
	NEW PAVEMENT
25mm	TYPE 2 (MG) AC
125mm	TYPE 4 (MG) AC
125mm	BCC CLASS 1 GRAVEL
275mm	TOTAL THICKNESS

NOTE:  
THE PROPOSED WORK SHOULD BE CUT IN TO EXPOSE THE EDGE OF THE EXISTING PAVEMENT AND NOT SIMPLY BUTT AGAINST THE EDGE OF THE EXISTING SURFACE.

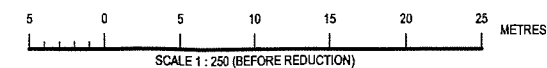
AREA & THICKNESS OF NEW PAVEMENT TO BE VERIFIED BY THE SITE SUPERINTENDENT AND TO MATCH EXISTING.

IF WET/SOFT SPOTS IN EXISTING SUBGRADE EXIST, CONTACT GEOTECHNICAL SERVICES (PH. 3403 0890) TO DETERMINE PAVEMENT DEPTH REQUIREMENTS.

ROAD NETWORK WORK ORDER #	
Street 1	URD Ref
Street 2	File 46500-
Street 3	Scale
Suburb	Sheet
Location	ITS
Approved By Program & Policy Officer	
Approved By Team leader Road Network North	
Approved By Team leader Road Network South	
PRELIMINARY DESIGN	<input type="checkbox"/>
FINAL DESIGN	<input type="checkbox"/>



DRAWING	TITLE	REFERENCE
CD 090969 / 1101	GENERAL NOTES DETAILS LOCALITY AND LAYOUT PLAN	
CD 090969 / 1701	SIGNS AND PAVEMENT MARKING PLAN	
CD 090969 / 1801	STREET LIGHTING & RETICULATION PLAN	S2200375



**CONTRACT**

**City Design**  
Brisbane City Council



Dedicated to a better Brisbane

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Issue	Description	Date	Drawn	Auth.	Issue	Description	Date	Drawn	Auth.
A	ISSUED FOR CONSTRUCTION	SEP 2009	C.J.H.	J.S.					

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DIGITALGLOBE

Qasco

TUGRO

webmap

Project  
**INTERSECTION IMPROVEMENTS  
UNDERWOOD ROAD  
AT LEVINGTON ROAD  
EIGHT MILE PLAINS**

Title  
**GENERAL NOTES DETAILS  
LOCALITY AND LAYOUT  
PLAN**

Design C.J.H. 16.05.09	Drawn C.J.H. 16.05.09	Checked Alan 17.05.09	Authorised for Issue Ken Hegarty 17.07.09 R.P.E.Q. No. 3565
Reference No.		Scale 1:250	
Project Number / Sheet CD 090969 / 1101		Issue A	



# LEGEND:

- LV POLE OR SL POLE
- ⊙ HV AND LV POLE
- ✕ LUMINAIRE TO BE REMOVED
- EXISTING STREETLIGHT - S70A
- EXISTING STREETLIGHT - S100
- EXISTING STREETLIGHT - S150
- ⊕ PROPOSED STREETLIGHT - S150
- EXISTING OVERHEAD MAINS

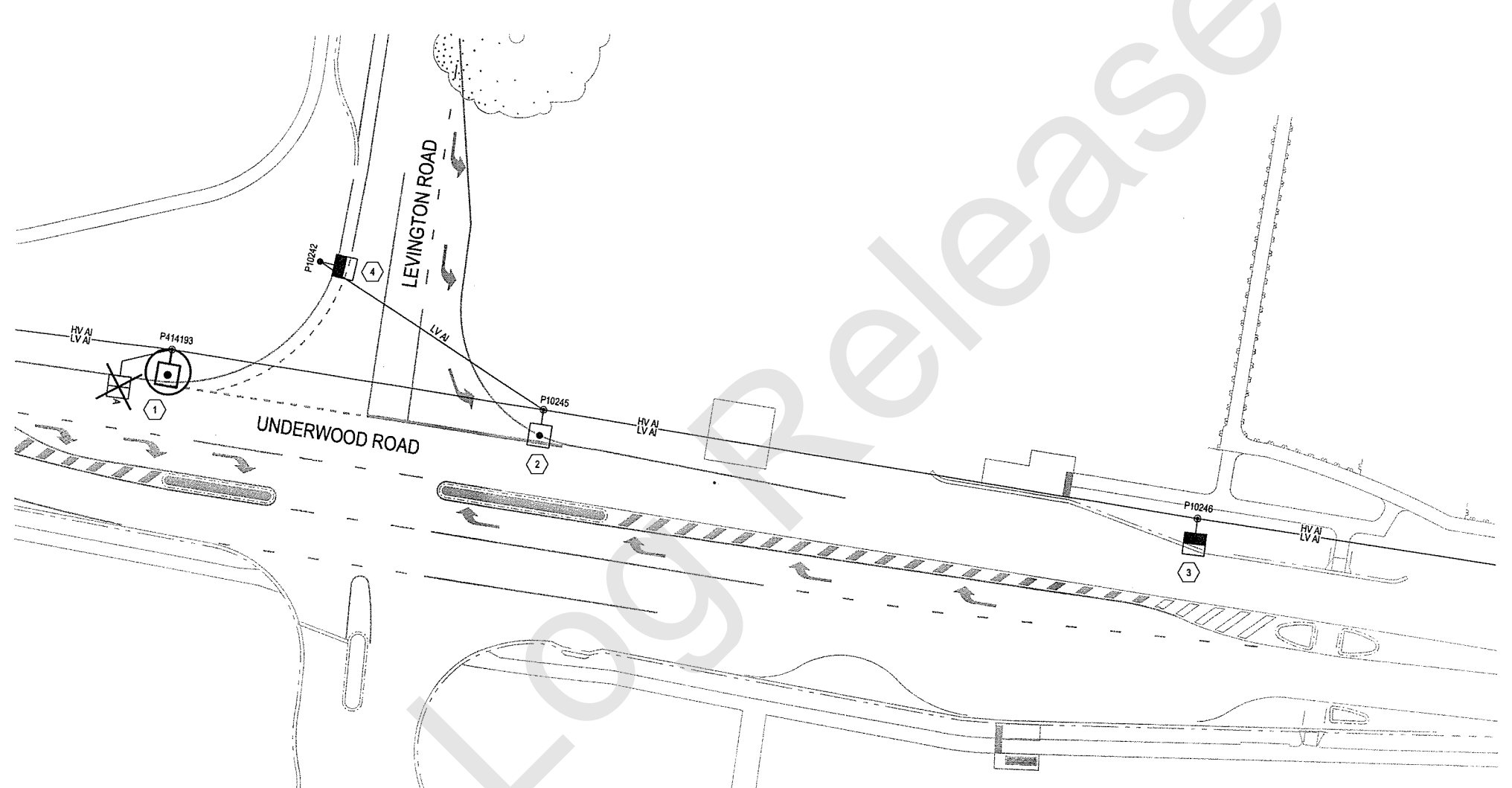
## WARNING

ALL SERVICES SHOWN ARE APPROXIMATE ONLY.  
ALL SERVICES MAY NOT HAVE BEEN SHOWN.  
PLEASE CHECK WITH THE RELEVANT AUTHORITIES  
BEFORE COMMENCING WORKS.

TEMPORARY WARNING SIGNS TO BE  
ERECTED IN ACCORDANCE WITH THE  
MANUAL OF UNIFORM TRAFFIC  
CONTROL DEVICES BEFORE  
COMMENCING WORK.

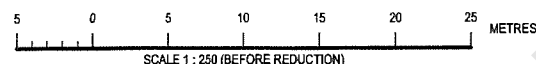
## NOTES:

- ALL CONSTRUCTION WORK IS TO COMPLY WITH THE FOLLOWING ENERGEX CONSTRUCTION MANUALS:
  - PUBLIC LIGHTING CONSTRUCTION MANUAL
  - OVERHEAD CONSTRUCTION MANUAL
  - UNDERGROUND JOINTING MANUAL
  - URD SPECIFICATION (CIVIL WORKS ONLY).
- ALL WORK UNDERTAKEN BY THE CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE WORKPLACE HEALTH AND SAFETY ACT 1995, THE ELECTRICAL SAFETY ACT 2002 AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THIS DRAWING HAS BEEN PREPARED FROM OLD DRAWINGS AND SERVICE AUTHORITY MAP RECORDS VISIBLE CABLE DETAILS AND ACTUAL RECORDINGS. ON-SITE DETAILS ARE TO BE CONFIRMED PRIOR TO ANY WORK COMMENCING.
- A RECORD IS TO BE KEPT OF ALL SWITCH-ON AND SWITCH-OFF DATES FOR ENERGEX RECORDS.
- ALL OUTREACHES ARE TO BE INSTALLED AT RIGHT ANGLES TO THE CARRIAGEWAY.
- ALL NEW LIGHTING IS TO BE CONNECTED UNDER ENERGEX RATE 2 TARIFF.
- ELECTRICAL WORK CAN ONLY BE PERFORMED BY ENERGEX APPROVED CONTRACTORS RATED TO SWP 37. ALL WORK PERFORMED ON THE NETWORK IS TO BE SUPERVISED BY AN ENERGEX APPROVED PROJECT SUPERVISOR RATED TO SWP 47.2.
- CURRENT RATINGS FOR RATE 2 INSTALLATIONS ASSUME NON POWER FACTOR CORRECTED LUMINAIRES.
- ALL RATE 1 AND 2 LUMINAIRES REMOVED ARE TO BE RETURNED TO THE LOCAL ENERGEX DEPOT.
- UNDERGROUND SERVICE LOCATIONS TO BE CHECKED PRIOR TO EXCAVATION.
- MOUNTING HEIGHTS IN SCHEDULE REFER TO THE VERTICAL DISTANCE BETWEEN THE LUMINAIRE AND ROAD SURFACE. N.B. STEEL POLE SIZES IN SCHEDULE ARE BASE LENGTH ONLY. OUTREACH UPLIFT PROVIDES REQUIRED LUMINAIRE MOUNTING HEIGHT.
- NYLON DRAW ROPE TO BE INSTALLED IN ALL CONDUITS. ALL CONDUITS TO BE PLUGGED ON INSTALLATION TO STOP INGRESS OF WASTE MATERIAL DURING CONSTRUCTION PERIOD.
- LIGHTING DESIGNED TO:
  - COUNCIL REQUEST
- THIS DESIGN USES THE FOLLOWING:
  - UPCAST - 5"
  - MANUFACTURE - SYLVANIA
  - LUMINAIRE / LAMP LUMENS - ROADSTER S150 SCO / 14 500
  - CONTROL METHOD - INTEGRAL PE CELL.
- POLE SETBACK LOCATIONS SHALL BE AS FOLLOWS:
  - FOR KERB OR KERB AND CHANNEL - MINIMUM 0.8m BEHIND FACE OF KERB (BFK).
  - FOR NON KERBED ROADWAYS - MINIMUM 3.0m FROM "EDGE OF TRAFFIC LANE" (ETL).
- UNLESS NOTED OTHERWISE EACH EXISTING POLE ON THE SCHEDULE HAS BEEN INSPECTED ON SITE BY BCC OFFICERS AND THE MOUNTING HEIGHT SPECIFIED (PLUS OR MINUS 300mm) IS AVAILABLE.
- EXISTING LIGHTING LEVELS TO BE MAINTAINED AT ALL TIMES.
- CONTACT BRETT PINNEY FROM BCC - CITY DESIGN ON 3403 0533 FOR ANY DESIGN ISSUES.



## STREET LIGHTING SCHEDULE - RATE 2

LOCATION	STN No.	SITE I.D. (Pole No.)	POLE OR COMPONENTS					LUMINAIRE										OUTREACH BRACKET				MOUNT HT. (m)	REMARKS			
			EXIST (m)	RECOVER (m)	ERECT (m)	SUM IIN	ALIGN (m)	COMP I.D.	EXIST	RECOVER LANTERN	CUST. CUST.	DATE De ENERGOISED	ERECT LANTERN	CUST. CUST.	DATE ENERGOISED	SUM IIN	EXIST (m)	RECOVER (m)	ERECT (m)	SUM IIN						
UNDERWOOD ROAD	1	P414193	WOOD				AS SHOWN	SL1		S70AL2	BCC		S150L2	BCC		5475								8.5	REMOVE & INSTALL NEW LUMINAIRE & BRACKET	
	2	P10245	WOOD				AS SHOWN	SL1	S150L2								3.0		3.0					-	EXISTING TO REMAIN	
	3	P10246	WOOD				AS SHOWN	SL1	S100L2									3.0							-	EXISTING TO REMAIN
LEVINGTON ROAD	4	P10242	WOOD				AS SHOWN	SL1	S100L1									3.0							-	EXISTING TO REMAIN



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Facsimile: 07-3334 0225  
  
e-mail: citydesign@brisbane.qld.gov.au

Issue  
A  
Description  
ISSUE FOR CONSTRUCTION

Date  
07.07.09

Drawn  
F.K.

Auth.  
P

Issue  
Description

Date

Drawn

Auth.

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ENERGEX PROJECT  
No. S2200375

Project

INTERSECTION  
IMPROVEMENTS  
UNDERWOOD ROAD  
AT LEVINGTON ROAD  
EIGHT MILE PLAINS

Title

RATE 2 - STREETLIGHTING  
& RETICULATION LAYOUT  
SHEET 1 OF 1

Design F.K. 07.07.09	Drawn F.K. 07.07.09	Checked P 20/09	Authorised for issue P 20/09
Reference No.		Scale 1:250	
Project Number / Sheet CD 090969 / 1801			Issue A



DETAIL N.T.S.

Mark centre separation line for length of Levington Rd as per detail to join existing line marking at either end. Install yellow bi-directional RRPM's at standard spacing

**COMPLETED**

14' 6" 11" CD

ROAD NETWORK WO# 00472526

Street 1 Levington Rd UBD 221, M5 Sheet 1 / 1  
 Street 2 Logan Rd File No.  
 Street 3 Underwood Rd Scale As shown  
 Suburb EIGHT MILE PLAINS Case Ref 6-98169

Location As shown ITS 1039905 / 923

Recommended 17/05/2011  
 Nick Wood-Brignall RNO6 x34688  
 Authorised 18/05/2011  
 Glen Porter RNPO5 X35200

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**Location :**

6,948,539  
 509,573 N 510,519  
 6,947,997

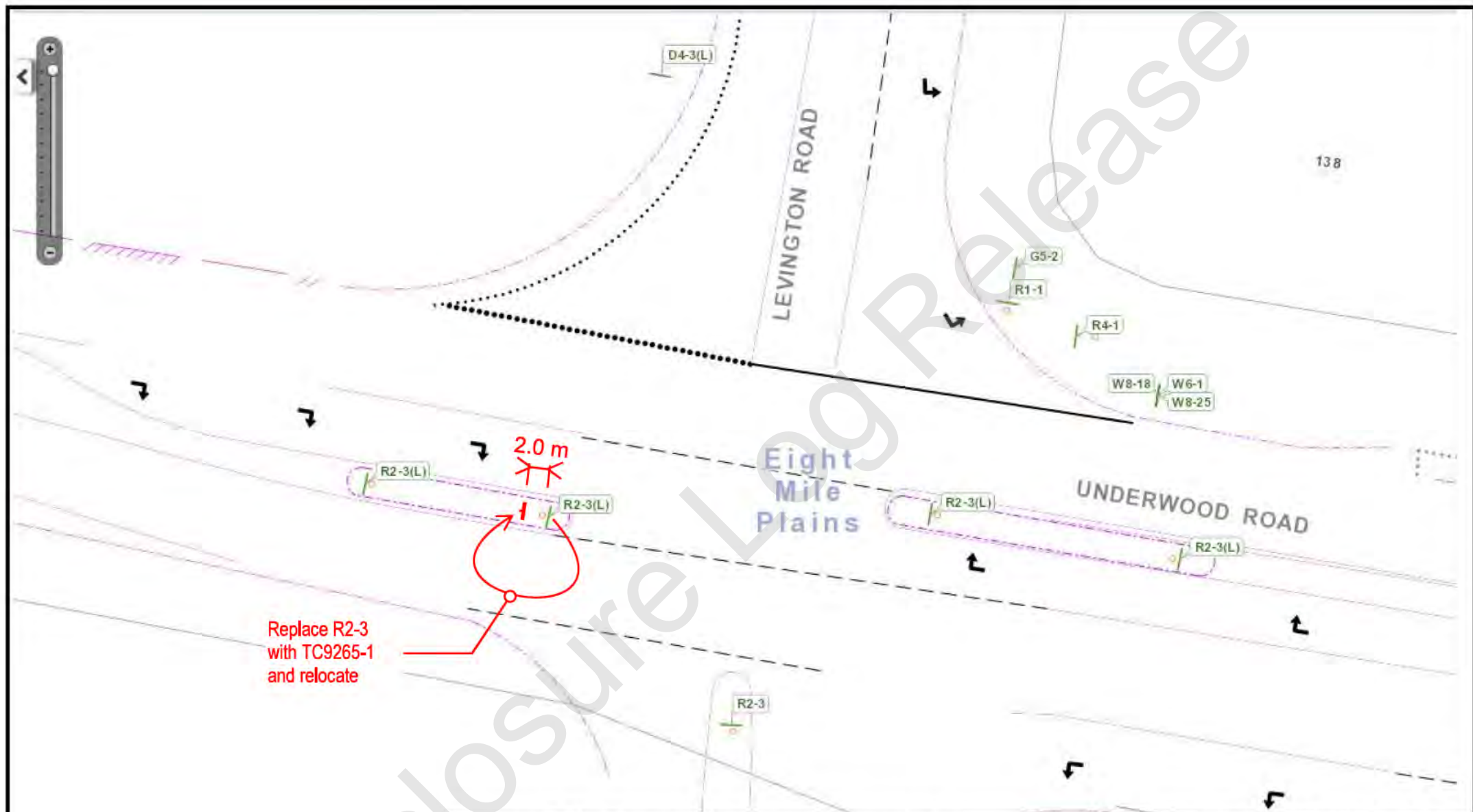


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897000

000238





Replace R2-3  
with TC9265-1  
and relocate

## Transport Network Operations Order

Transport Planning & Strategy  
Brisbane Infrastructure  
BRISBANE CITY COUNCIL



Brisbane Square  
266 George Street, Brisbane, Qld 4000  
P: 07-3403 8888 | F: 07-3334 0007  
E: TPS\_Contact@brisbane.qld.gov.au

Dedicated to a better Brisbane

File ref:



**Street 1** UNDERWOOD ROAD  
**Street 2** LEVINGTON ROAD  
**Street 3**  
**Suburb** EIGHT MILE PLAINS

**Recommended** *S. Mesaric* 11/02/2013  
Simon Mesaric X34630  
**Authorised** Anthony Burke x86970  
Road Network Engineer

Lat/Long:	-27.592389°, 153.100646°	Scale:	NTS
Job Type	ITS/ Line No.	W/O No.	Estimate
Signs	1044284 /		\$250
Lines	<del>1044288 /</del>		
Const.	<del>1044292 /</del>		
<b>Plan No. 18504-2012</b>			Sheet 1 / 1



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community











Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





Disclosure

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community









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