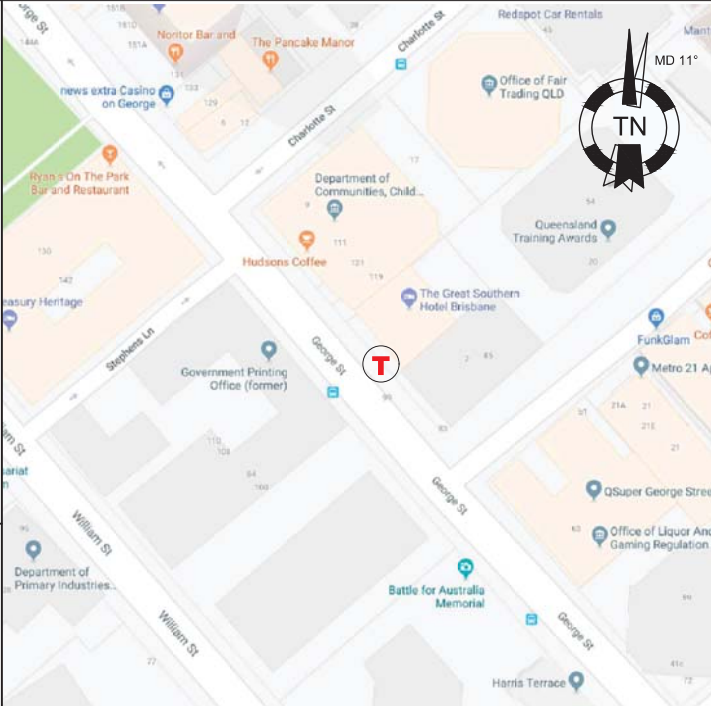


SITE ACCESS DETAILS: 1. SITE ADDRESS ROAD VERGE, 99 GEORGE STREET BRISBANE CITY QLD 4000 2. SITE ACCESS IS VIA; (TICK ALL APPLICABLE) ROAD BUILDING PUBLIC CARRIAGEWAY / FOOTPATH ☐ ☐ ☒		CONSTRUCTION REQUIREMENTS: 1. STRUCTURAL ELEMENTS ARE IN ACCORDANCE WITH AS/NZS 1170 AND AS 4100. 2. SAFETY IN DESIGN IMPLEMENTED IN ACCORDANCE WITH THE WHS ACT 2011. 3. ALL ELECTRICAL DESIGN AND CONSTRUCTION IN ACCORDANCE WITH AS 3000 AND AS3015. 4. DILAPIDATION REPORT SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF WORKS. 5. DBYD AND LOCAL SERVICES SEARCH MUST BE CONDUCTED PRIOR TO COMMENCEMENT OF WORKS. 6. ALL INSTALLATION AND CONSTRUCTION SHALL BE COMPLETED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH AUSTRALIAN STANDARDS, RELEVANT INDUSTRY CODES (U.N.O.), AND RELEVANT STATUTORY AUTHORITIES' REQUIREMENTS. 7. ON COMPLETION OF WORKS MAKE GOOD.		 SITE COORDINATES: COPYRIGHT © GOOGLE MAPS <table><tr><td>SOURCE:</td><td>SURVEY</td><td>LATITUDE:</td><td>-27.47296</td></tr><tr><td>DATUM:</td><td>MGA (GDA94)</td><td>LONGITUDE:</td><td>153.0256</td></tr><tr><td>ZONE:</td><td>56</td><td>EASTING:</td><td>502 529</td></tr><tr><td>REF LOCATION:</td><td>CL OF POLE</td><td>NORTHING:</td><td>6 961 178</td></tr></table> WGS84 DATUM (USED BY GOOGLE EARTH® AND GPS DEVICES) CAN BE CONSIDERED SAME AS GDA94 (SOURCE: "GEOCENTRIC DATUM OF AUSTRALIA TECHNICAL MANUAL" VERSION 2.3) POLE INFO: 1. POLE ID: P818079 (TBC) 2. POLE MATERIAL: STEEL PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL Approval no: DEV2018/977 Date: 14 March 2019 		SOURCE:	SURVEY	LATITUDE:	-27.47296	DATUM:	MGA (GDA94)	LONGITUDE:	153.0256	ZONE:	56	EASTING:	502 529	REF LOCATION:	CL OF POLE	NORTHING:	6 961 178
SOURCE:	SURVEY	LATITUDE:	-27.47296																		
DATUM:	MGA (GDA94)	LONGITUDE:	153.0256																		
ZONE:	56	EASTING:	502 529																		
REF LOCATION:	CL OF POLE	NORTHING:	6 961 178																		
SITE: QLD20769 - ROAD VERGE, 99 GEORGE STREET BRISBANE CITY QLD 4000 TITLE: INFORMATION SHEET				PROJECT ID: SMALL CELL NETWORK SITE NAME: BRISBANE CBD SC061		DRAWING STATUS: CONSTRUCTION SCALE: NTS DRAWN: MH CHECK: RR APPROVED: PM DATE: 21.08.18 REVISION: A DRAWING NUMBER: QLD20769-C1															

GENERAL:

1. ALL DIMENSIONS ARE IN MILLIMETERS U.N.O.
2. ALL LEVELS ARE EXPRESSED IN METRES TO AUSTRALIAN HEIGHT DATUM (AHD).
3. ANTENNA AZIMUTHS ARE SHOWN IN DEGREES REFERENCED TO TRUE NORTH (TN).
4. DRAWINGS TO BE READ IN CONJUNCTION WITH;
 - ELECTRICAL DESIGN AND IN ACCORDANCE WITH AS3000:2017, AND AS3015:2004
 - EQUIPMENT INSTALLATION GUIDE.
5. ALL SITE INFORMATION TO BE VERIFIED PRIOR TO COMMENCEMENT OF SITE WORKS.
6. ALL EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH SUPPLIER'S RECOMMENDATIONS.

STRUCTURAL/ MECHANICAL:

1. MATERIAL AND WORKMANSHIP IN ACCORDANCE WITH AS 4100 AND AS/NZS 3678.
2. ALL PREFABRICATED STEELWORK SHALL BE H.D. GALVANISED TO AS 4680.
3. ALL WELDS SHALL BE CONTINUOUS FILLET WELDS U.N.O. TO APPROVED NEOPRENE OR EQUIVALENT WASHERS, AND COLLARS AT DISSIMILAR METALS INTERFACES.
4. STRUCTURAL BOLTS SHALL BE HT CLASS 8.8 TO AS/NZS 1252.
5. ALL BOLTS, NUTS AND WASHERS SHALL BE H.D. GALVANISED.
6. MEMBERS CUT AND/OR DRILLED AFTER BEING H.D. GALVANISED SHALL BE COATED WITH COLD GAL OR EQUIVALENT.
7. ALL H.D. GALVANISING TO AS/NZS 4680

ELECTRICAL/ FIBRE:

1. FEEDERS FOR HOLLOW POLES TO BE INSTALLED INTERNAL TO POLES WHERE POSSIBLE AND REQUIRED.
2. CABLE ROUTE SHALL BE AS DIRECT AS POSSIBLE. MINIMUM BENDING RADIUS SHALL BE TO CABLE MANUFACTURER'S RECOMMENDATIONS.
3. CABLING INFORMATION;

MAINS	REFER TO ELECTRICAL DESIGN
SUBMAINS	REFER TO ELECTRICAL DESIGN
CONSUMER MAINS	REFER TO ELECTRICAL DESIGN
METERING	REFER TO ELECTRICAL DESIGN
EARTHING	REFER TO ELECTRICAL DESIGN
ELECTRICAL PITS	REFER TO ELECTRICAL DESIGN
LABELING - ELECTRICAL	REFER TO ELECTRICAL DESIGN
LABELING - FIBRE	REFER TO INSTALLATION GUIDE
LABELING - EQUIPMENT	REFER TO INSTALLATION GUIDE

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: **DEV2018/977**
Date: **14 March 2019**



SITE: QLD20769 - ROAD VERGE, 99
GEORGE STREET BRISBANE
CITY QLD 4000

TITLE: CONSTRUCTION NOTES



PROJECT ID:

SMALL CELL NETWORK

SITE NAME:

BRISBANE CBD SC061

DRAWING STATUS:

CONSTRUCTION

SCALE:

NTS

DRAWN:

MH

CHECK:

RR

APPROVED:

PM

DATE:

21.08.18

REVISION:

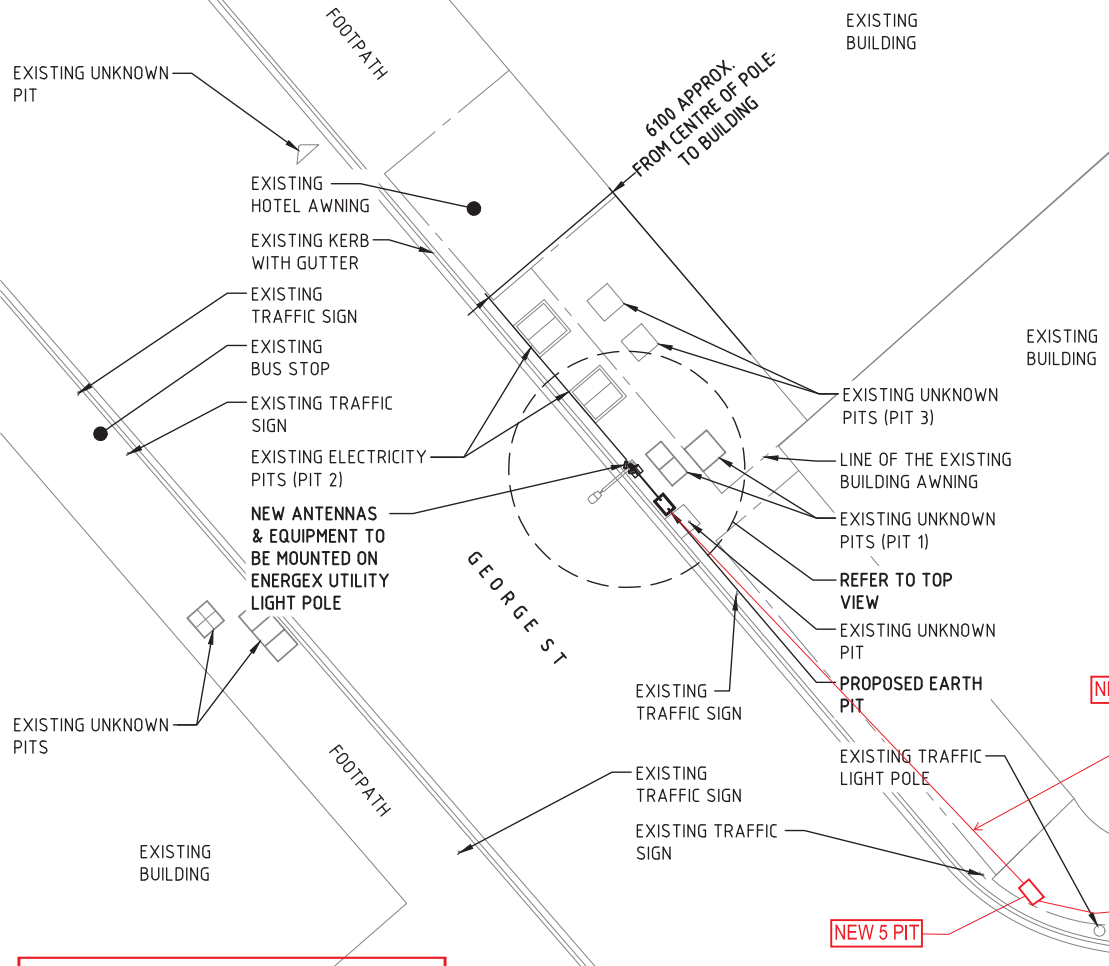
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DRAWING NUMBER:

QLD20769-C2



DO NOT SCALE



PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL

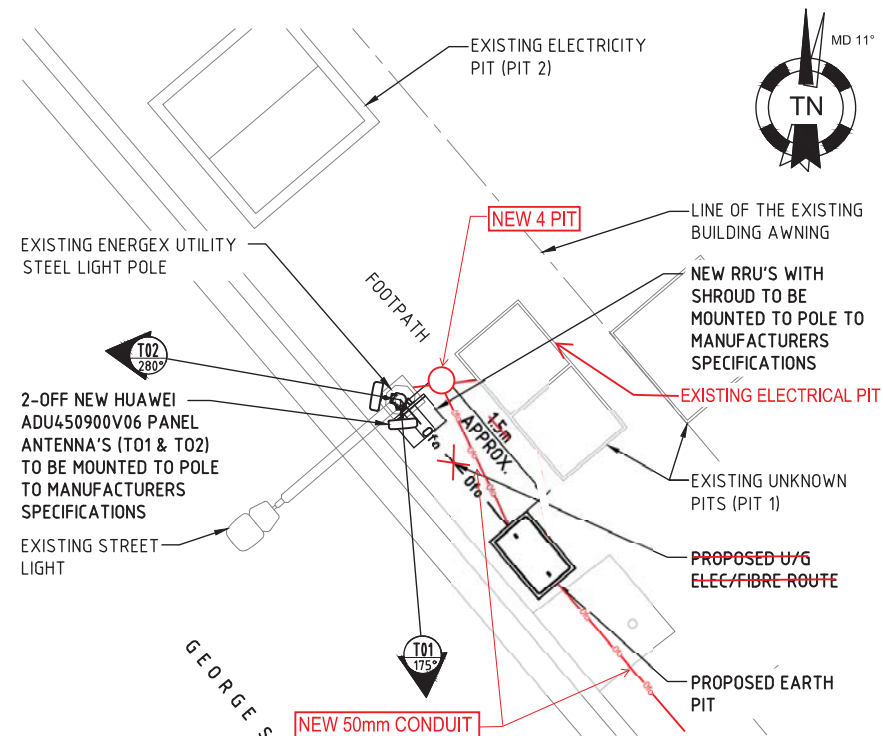
Approval no: **DEV2018/977**

Date: **14 March 2019**



OVERALL SITE PLAN

SCALE 1:200



TOP VIEW

SCALE 1:50

LEGEND:



DENOTES NEW PANEL ANTENNA

AC

AC

EXISTING AERIAL COMMS LINE

AE

AE

EXISTING AERIAL POWER LINE

0 e

0 e

PIPE NETWORKS UNDERGROUND ELECTRICAL

0 fo

0 fo

PIPE NETWORKS FIBRE LINK

E

E

PIPE NETWORKS ELECTRICAL

NOTES:

1. REFER TO QLD20769-C4 FOR ANTENNA CONFIGURATION TABLE AND ELEVATION DETAILS.
2. REFER TO QLD20769-C1 FOR SITE INFORMATION NOTES.
3. REFER TO QLD20769-C2 FOR CONSTRUCTION NOTES.

SITE: QLD20769 - ROAD VERGE, 99 GEORGE STREET BRISBANE CITY QLD 4000

TITLE: PLAN VIEWS



PROJECT ID:

SMALL CELL NETWORK

SITE NAME:

BRISBANE CBD SC061

DRAWING STATUS:

CONSTRUCTION

SCALE:

AS SHOWN

DRAWN:

MH

CHECK:

RR

APPROVED:

PM

DATE:

21.08.18

REVISION:

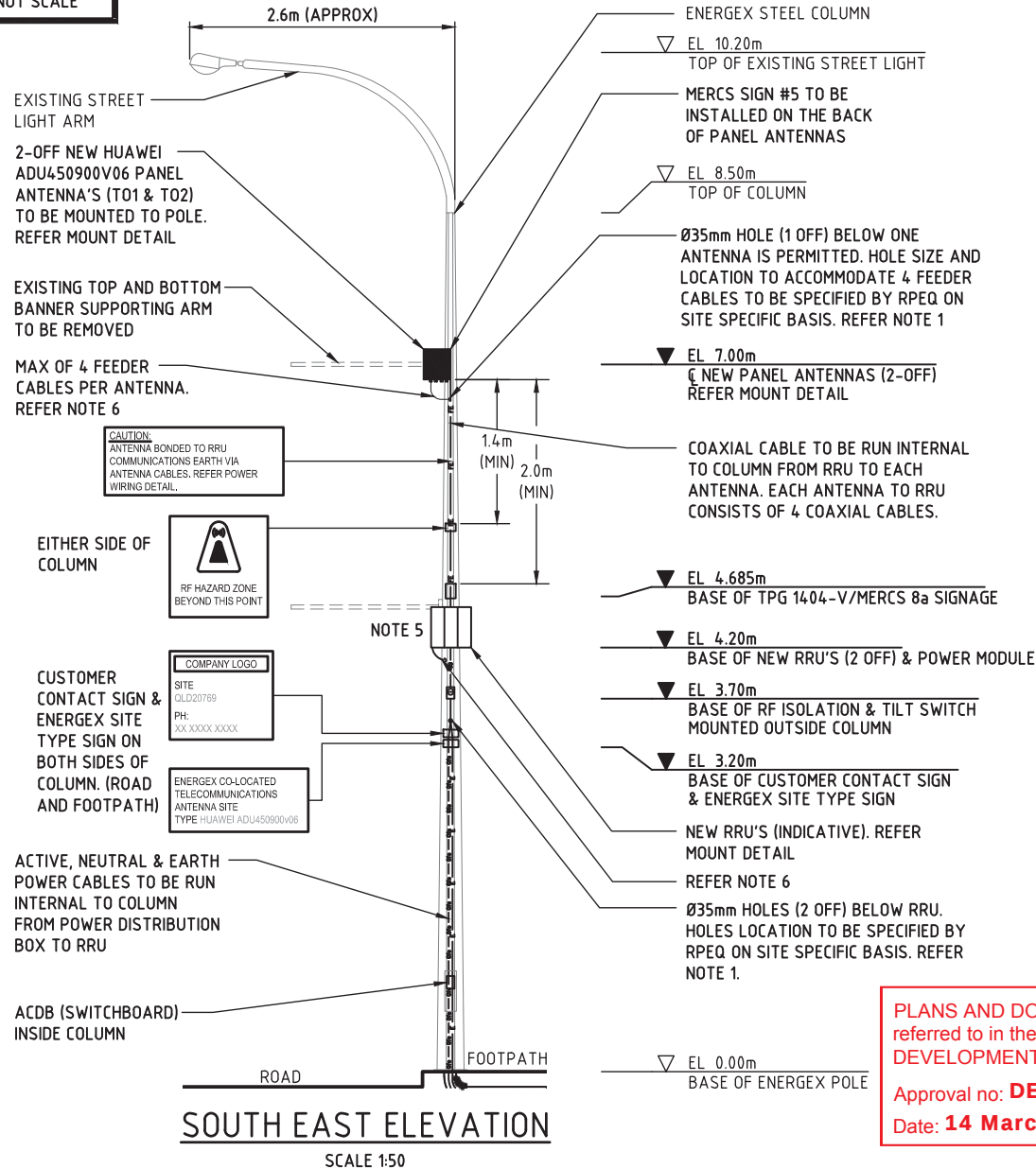
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DRAWING NUMBER:

QLD20769-C3



DO NOT SCALE



NOTES:

1. DRILLED AREA TO BE GALVANISED AS PER COLUMN MANUFACTURERS GALVANIZING REPAIR PROCEDURE. HOLES TO BE SEALED TO PREVENT MOISTURE INGRESS.
 2. EARTH STAKE TO BE COPPED CLAD STEEL. MINIMUM 1.4m LONG & MINIMUM 12mm DIAMETER AND INSTALLED TO A DEPTH OF 1.2m.
 3. PVC DIVIDER TO BE PROVIDED IN PIT TO PROVIDE SEPARATION BETWEEN FIBRE OPTIC CABLE AND EARTH STAKE.
 4. THE DRAWINGS REQUIREMENTS COMPLYING TO AS STANDARDS AND INDUSTRY CODE OF PRACTICE.
 5. RRU'S AND POWER MODULE TO BE MOUNTED PARALLEL TO ROAD AWAY FROM TRAFFIC.
 6. EXPOSED PART OF THE CABLES TO BE ENCLOSED IN CORRUGATED CONDUIT
 7. RRU MOUNTS AND BRACKET TO BE ELECTRICALLY ISOLATED FOR EARTHING PURPOSES FROM THE LIGHT POLE USING INSULATED MATERIALS.
- PROPOSED UNDERGROUND CONDUITS ARE REQUIRED.

FIBRE LINK TO CARRIERS NETWORK TO BE RUN INTERNAL TO COLUMN FROM BASE OF COLUMN TO RRU

PVC EARTH PIT WITH CONCRETE LID
EARTH STAKE APPROX. 1.5m FROM BASE OF COLUMN (REFER NOTES 2 & 3)

TO NEXT COMMUNICATION EARTH AS NECESSARY

PIT TO POLE DETAIL

N.T.S.

ANTENNA	OPERATOR SECTOR IDENTITY N° (SAO) STATUS AZIMUTH (* TN) AZIMUTH (* MN) EL CL HEIGHT (M) MECHANICAL TILT CO-ORDINATES (*) MAKE & MODEL DIMENSIONS (H x W x D) (MM) PORTS PORT USER FREQUENCY BANDS (MHz)	PIPE NETWORKS		PIPE NETWORKS	
		1	2	1	2
ANCILLARIES	RRU / RF MODULE (700 MHz)	HUAWEI RRU5301 L700			
	RRU / RF MODULE (2600 MHz)	HUAWEI RRU3281 L2600			
	POWER MODULE	HUAWEI OPM30M			
	BASE OF RRU HEIGHT	4.2m		4.2m	
	SECTOR POWER (dEm)	47	46	47	46
	MHA	-	-	-	-
	COMBINER/DUPLEXER	-	-	-	-
	STATUS	NEW		NEW	
	TECHNOLOGIES	-		-	
	QUANTITY	4		4	
COAXIAL FEEDERS	DESIGNATION (SIZE)	1/2"		1/2"	
	ESTIMATED LENGTH (M)	4		4	

PLANS AND DOCUMENTS referred to in the PDA DEVELOPMENT APPROVAL
Approval no: **DEV2018/977**
Date: **14 March 2019**



SITE: QLD20769 - ROAD VERGE, 99 GEORGE STREET BRISBANE CITY QLD 4000

TITLE: SITE ELEVATIONS



PROJECT ID:

SMALL CELL NETWORK

SITE NAME:

BRISBANE CBD SC061

DRAWING STATUS:

CONSTRUCTION

SCALE:

AS SHOWN

DRAWN:

MH

CHECK:

RR

APPROVED:

PM

DATE:

21.08.18

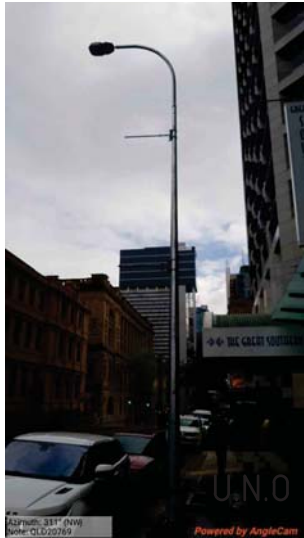
REVISION:

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DRAWING NUMBER:

QLD20769-C4





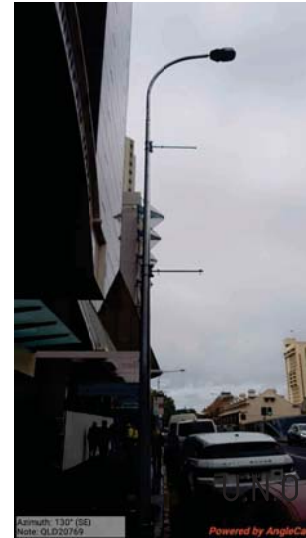
CONSTRUCTION ACCESS

NTS



NORTH EAST ELEVATION

NTS



NORTH WEST ELEVATION

NTS



SOUTH EAST ELEVATION

NTS



SOUTH WEST ELEVATION

NTS



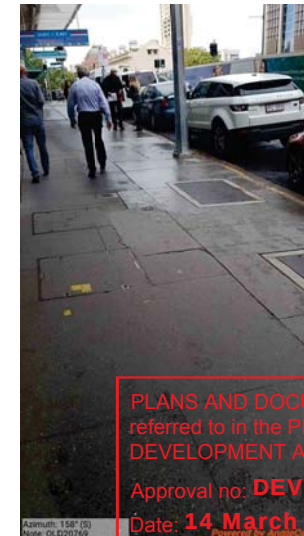
PIT PHOTO: 1

NTS



PIT PHOTO: 2

NTS



PIT PHOTO: 3

NTS

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL
Approval no: **DEV2018/977**
Date: **14 March 2019**



SITE: QLD20769 - ROAD VERGE, 99 GEORGE STREET BRISBANE CITY QLD 4000			PROJECT ID: SMALL CELL NETWORK		DRAWING STATUS: CONSTRUCTION					
TITLE: SITE PHOTOGRAPHS - EXTERNAL SHEET 1 OF 1			SITE NAME: BRISBANE CBD SC061		SCALE: NTS	DRAWN: MH	CHECK: RR	APPROVED: PM	DATE: 21.08.18	REVISION: A