

Kylie Waldock

From: Bruce Goodluck <bdgco@bigpond.com>
Sent: Thursday, 11 June 2020 9:22 AM
To: Ryan Williams
Subject: FW: Latitude 25 - Stage 3

FYI -

Regards,
Bruce Goodluck



PO Box 1518
Hervey Bay QLD 4655
Tel: (07) 4124 6281
Email : bdgco@bigpond.com

Electrical Contractor's License : 55270
ABN : 79100475349

From: Bruce Goodluck <bdgco@bigpond.com>
Sent: Wednesday, 3 June 2020 10:53 AM
To: 'Wayne Ahrens' <wayne.ahrens@pbsbuilding.com.au>
Subject: Latitude 25 - Stage 3

LATITUDE 25/ NIKENBAH – HERVEY BAY
(STAGE 3) - ELECTRICAL & COMMUNICATION – INFRASTRUCTURE WORKS.

TENDER INCLUSION >
CIVIL INFRASTRUCTURE –

Price - \$ 36,100.00 (GST Exclusive)

1. *BDG Contracting Services have allowed for all associated civil works (standard trench excavation/ backfill with select fill).*

Standard Trenching / practice.

Excavation carried out using conventional excavation machinery (8 tonne excavator or equivalent earth moving plant).

Without the need for the use of a rock breaker attachment and without causing damage (beyond normal wear & tear) to plant.

2. *BDG Contracting Services has no allowance for excavation in rock, if works considered to be excavation of rock - rates & associated costs will be forwarded to developer.*

(Stabilised Rock excavation - \$ 140.00 / M3)

Rock Trenching / practice.

Excavation requires the use of rock breaking equipment, large scale excavators and/ or explosives.

3. *BDG Contracting Services has no allowance to remove from site or relocate on site/ excess electrical trench spoil.*

Stockpiled adjacent to trench alignment, assume relocated or removed by developer for site fill.

4. BDG Contracting Services require acknowledgment (on site confirmation & certified survey plan), all boundary survey pegs are secure & correct alignment.
5. In accordance with / Wide Bay Energy – Drawing LAT 20077 (E100, E101, E102, E103, E104, D100 & D101 / Rev A).

NBN (CONDUIT & PIT NETWORK) –

Price - \$ 16,300.00 (GST Exclusive)

1. In accordance with / WBEG – Drawing LAT 20077 (STG-M000030057) & NBN (Guidelines for Developers)
2. BDG Contracting Services have allowed for (NBN/ acceptance audit) – Includes network mandrel testing & conduit / pit network- As Constructed documentation (PDF format /only).

ELECTRICAL / COMMUNICATION (CONDUIT & PIT NETWORK) –

Price - \$ 38,200.00 (GST Exclusive)

1. In accordance with / Wide Bay Energy – Drawing LAT 20070 (D100 & E100/ Rev A).

SUBMAIN CABLE & PILLAR/ RESIDENTIAL –

Price - \$ 36,000.00 (GST Exclusive)

PUBLIC LIGHTING (STREETLIGHTING) –

Price - \$ 24,300.00 (GST Exclusive)

1. Streetlighting (Pole & Fitting) – Blue Sun poles (5.5M/ Black) & Decrolux Lighting

Total/ Electrical Infrastructure Works - \$ 150,900.00 (GST Exclusive)

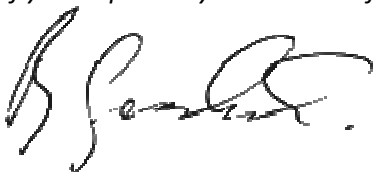
TENDER EXCLUSION > Nikenbah Construction (Scope of Works – by others).

1. GPON NETWORK Optic Fibre cabling, UG/OF termination & commission.
2. Main Switchboard (MSB-2).
3. Main Switchboard / cable access pit & associated.
4. Consumer Main cable & TX/ Ergon Energy interface.
5. Ergon Energy HV conduit provision & trench excavation/ backfill.

TENDER – MATERIAL PROCUREMENT

1. Streetlight poles – 6 weeks.
2. Streetlight Luminaires – 8 weeks
3. Conduit & Pits – 2 weeks.

If you require any additional information regarding project pricing, please contact me (Office – 07 4124 6281).



Regards,

Bruce Goodluck

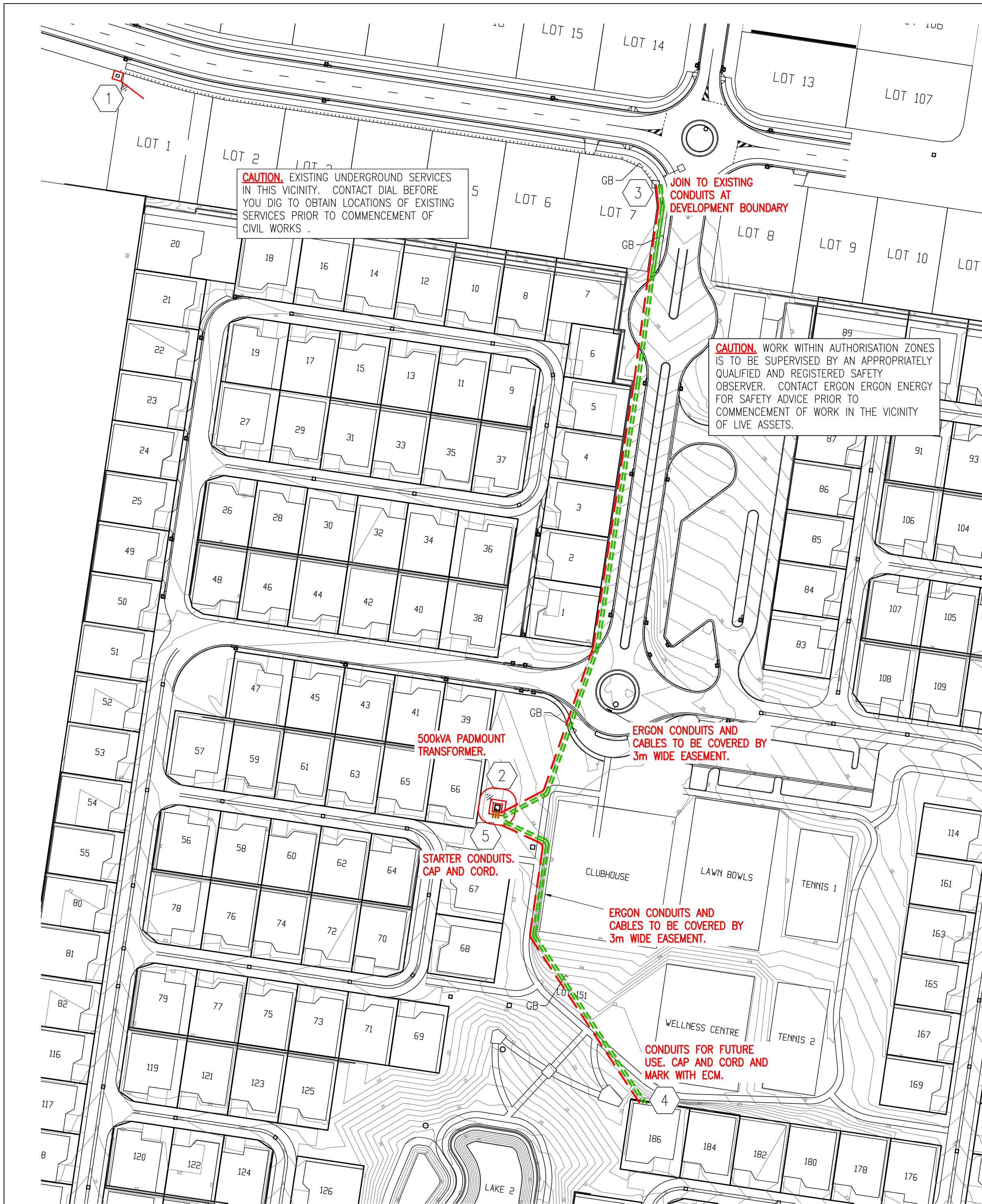


PO Box 1518
Hervey Bay QLD 4655



ELECTRICAL DRAWINGS

**174 – 206 CHAPEL ROAD, NIKENBAH
PROSED RELOCATABLE HOME PARK
STAGE 3**



CONDUITS SCHEMATIC

ON JOB COMPLETION SITE MANAGER TO MARK UP THIS PRINT CLEARLY WITH ALL FIELD CHANGES AND RETURN TO PROJECT MANAGER FOR SUBMISSION TO ERGON	
CHANGES	YES / NO
COMPLETION DATE:	
NAME:	
POSITION:	
SIGNATURE:	
DATE:	

CABLE AND CONDUIT LOCATION CERTIFICATE	
THIS IS TO VERIFY THAT ALL NEW CABLES, AS DEPICTED ON THIS DRAWING, HAVE BEEN CHECKED. WITH THE EXCEPTION OF THOSE SHOWN 'MARKED UP', AT THE TIME OF CHECKING, THEY WERE AT THE SPECIFIED DEPTHS AND ALIGNMENTS IN RELATION TO EXISTING SURVEY PEGS.	
CABLE LOCATOR	
DATE CHECKED	
CHECKED BY	
SIGNATURE	

CONDUIT SCHEDULE																
			Construction Code				C100L Bends				C125L Bends		C150L Bends	REMARKS. ADDITIONAL CABLE PROTECTION (POLMERIC HARD COVER) IS REQUIRED FOR CONDUITS INSATLL OUTSIDE THE ELECTRICITY FOOTPATH ALLOCATION (E.G. ROAD CROSSINGS) OR SHALLOWER THAN THE STANDARD DEPTH (E.G. PILLAR BENDS) IN ACCORDANCE WITH RSC07.		
			C100L	C125L	C150H	C40H	450r (16mm Cable)	1200r (Vertical)	1830r (Horizontal)		1830r		1830r			
Stn From	Stn To	Action	Distance				90°	45°	15°	30°	45°	15°	30°		45°	
Totals			320	640	12					1	3	1	3		6	3
2	3	INSTALL		210									3			
2	3	INSTALL		210									3			
2	3	INSTALL	210							3						
2	4	INSTALL	110							1		1	1			
2	4	INSTALL		110								1	1			
2	4	INSTALL		110								1	1			
2	5	INSTALL			4											
2	5	INSTALL			4											
2	5	INSTALL			4											

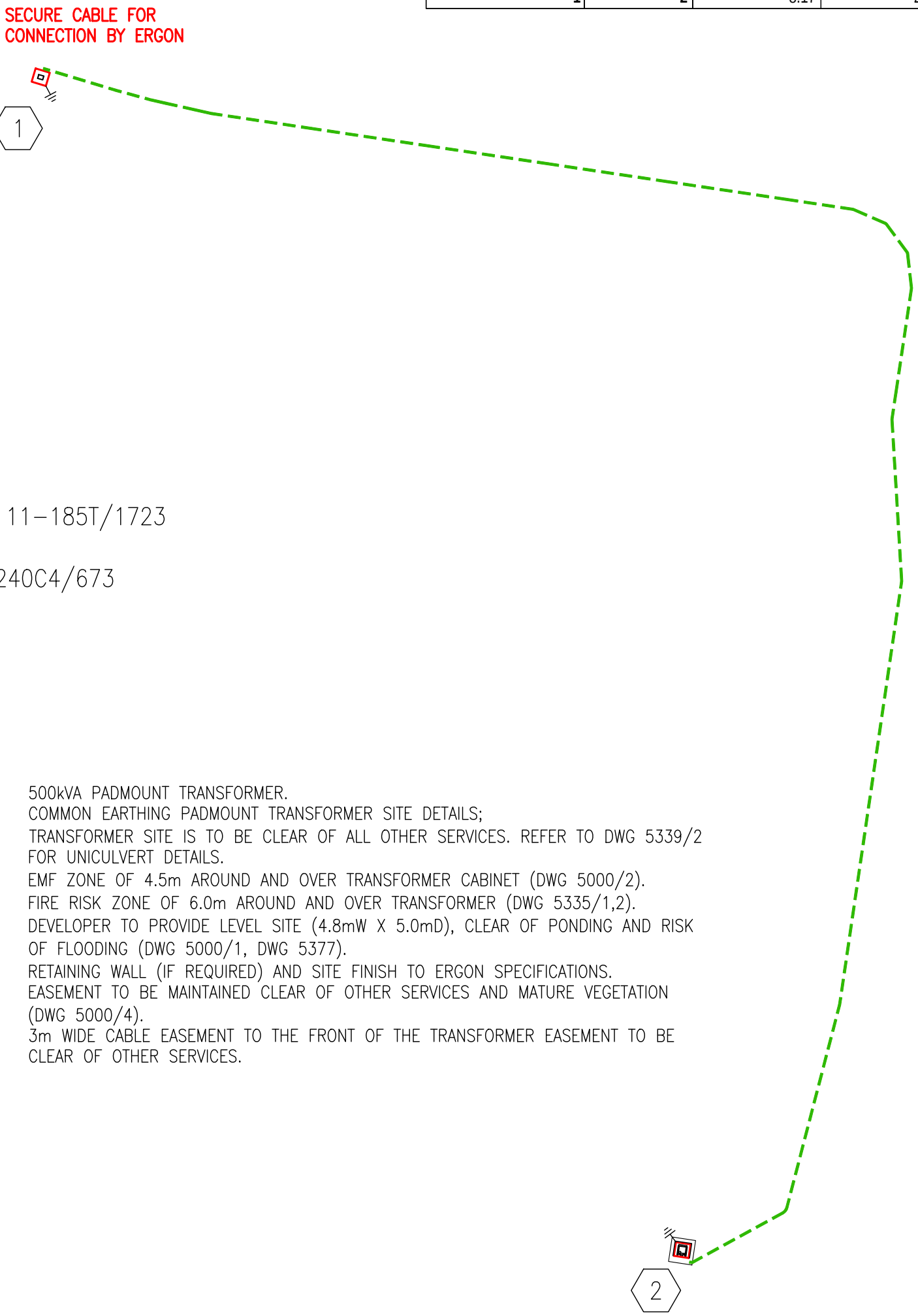
REMARKS. ADDITIONAL CABLE PROTECTION (POLIMERIC HARD COVER) IS REQUIRED FOR CONDUITS INSATLL OUTSIDE THE ELECTRICITY FOOTPATH ALLOCATION (E.G. ROAD CROSSINGS) OR SHALLOWER THAN THE STANDARD DEPTH (E.G. PILLAR BENDS) IN ACCORDANCE WITH RSC07.

CABLE SCHEDULE				
		11-185T/1723	LV-240C4/673	Notes
Station	From To	Length	Length	
		435	224	
1	2	410		SECURE CABLE AT RMU FOR ERGON TO MAKE CONNECTION
2	3	220		SECURE CABLE AT STN 3 FOR ERGON TO MAKE CONNECTION

CABLE HAULING TENSION

Cable type	Cable mass
185mm² Triplex	5.2

From site	To Site	Cumulative kN	Maximum kN	Actual kN
1	2	8.17	28.00	



LOW VOLTAGE SCHEMATIC

HIGH VOLTAGE SCHEMATIC

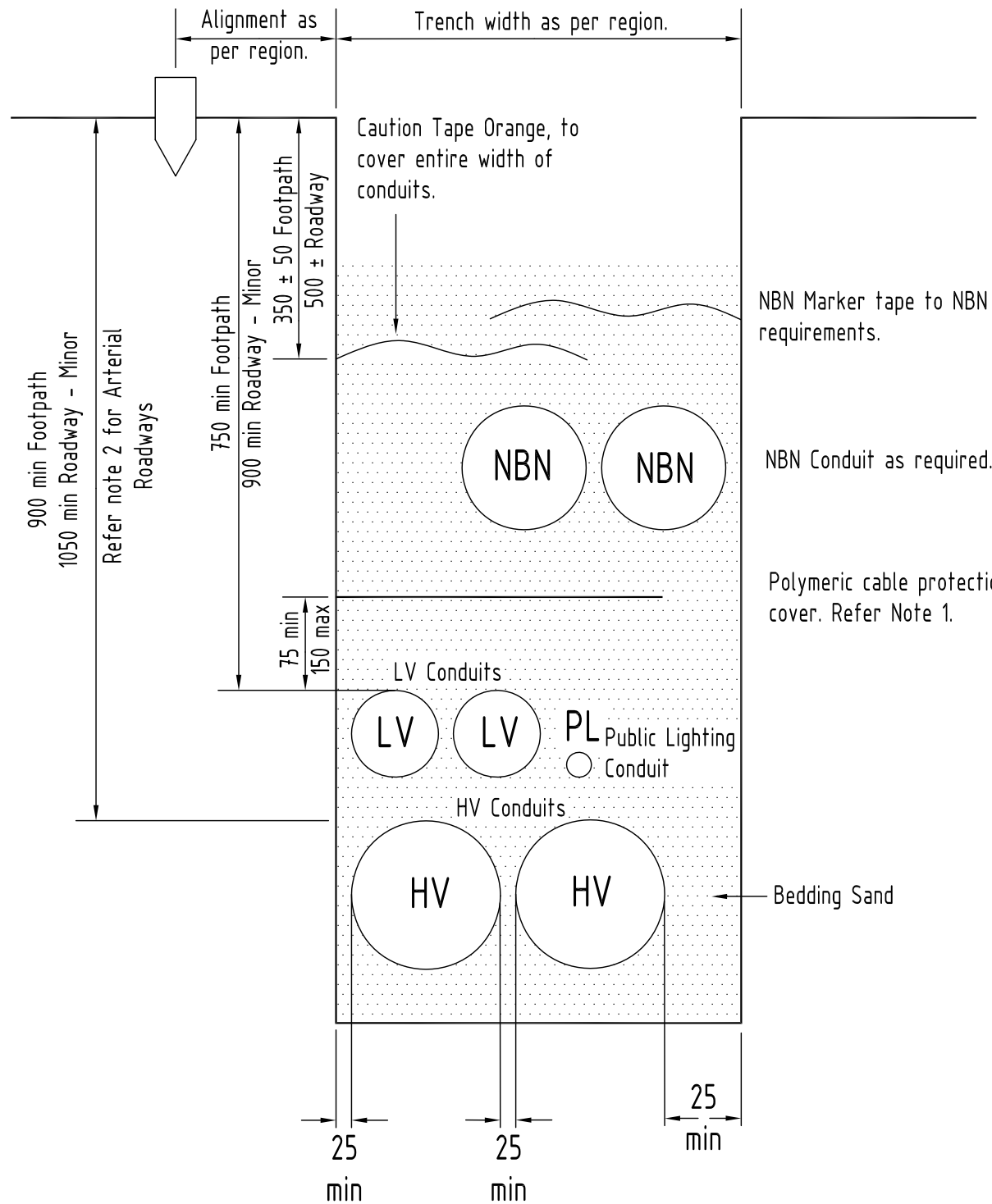


G F E D C B A	AS CONSTRUCTED	20.06.2018	AK	ELECTRICAL SERVICES	THIS DRAWING IS STRICTLY COPYRIGHT AND SHALL NOT BE REPRODUCED OR DISTRIBUTED IN ANY WAY IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF THE CONSULTING ENGINEERS. DIMENSIONS MUST BE VERIFIED ON SITE PRIOR TO COMMENCING ANY WORK OR PREPARATION OF ANY SHOP DRAWINGS. EQUIPMENT OR ASSOCIATED ACCESSORIES LOCATIONS ARE NOTATIONAL ONLY AND THE CONTRACTOR SHALL COORDINATE THE LOCATIONS OF ANY EQUIPMENT OR SERVICE SHOWN WITH OTHER TRADES AND SHALL CONSULT THE ARCHITECT'S FINAL PLANS OR OTHER, ACCURATELY DIMENSIONED, DRAWINGS WHERE APPLICABLE.	TELECOMMUNICATIONS DUCTING PLAN.		LATITUDE 25 STAGE 1				
	AS CONSTRUCTED	18.06.2018	AK					DRAWN AK	DATE 20.06.2018	SCALE 1:500 at A1	DRAWING No. RVR16260-D100	ISSUE G
	PARTIAL AS CONSTRUCTED PLAN. (ELECTRICAL INSTALLATION YET TO BE COMPLETED)	07.02.2018	AK									
	REVISED CONSTRUCTION ISSUE	17.01.2018	AK									
	CONSTRUCTION ISSUE	01.11.2017	AK									
	REVISED PRELIMINARY	30.08.2017	AK									
PRELIMINARY	16.06.2017	AK										
ISSUE	DESCRIPTION OF AMENDMENT	DATE	INITIAL									



Development Information	
Development Name:	Developer Company:
Latitude 25	Nikenbah Construction
Development Address:	
174 Chapel Rd, Nikenbah QLD 4655	
Authorised Rep:	
Ryan Williams	
Phone: 0422389110	
E-Mail: ryan.williams@visiitlatitude25.com.au	
CRM ID:	Stage Number:
AYCA-48URI4	1

BILL OF MATERIAL				
NO OF LOTS: 31				
PITS		DUCTS		
SIZE	QTY	SIZE	QTY	MTRS
2	0	P100	13	657.1
5	7	P50	1	9.2
8	4	P23	32	685.7
9	0			
TOTAL NUMBER OF PITS: 11				
TOTAL NUMBER OF CONDUITS: 46				
TOTAL LENGTH OF CONDUITS: 1352				



- NOTES:
- Refer CONSTRUCTION PRACTICES drawing No. 5124 sheet 1 for locations.
 - For ARTERIAL (DMR) road LV and HV cables may be laid at the same depth to avoid trench depth in excess of 1.5m.
 - Ergon cables are to occupy property side conduits first.
 - NBN conduit laid against roadside of trench to NBN requirements.

SEPERATION FROM NBN CONDUITS CROSSING	
DIMENSION*	RADIAL
LV	100 Min
HV	100 Min

SEPERATION FROM NBN CONDUITS PARALLEL	
DIMENSION*	VERTICAL
LV	100 Min
HV	300 Min

AS CONSTRUCTED

****ATTENTION****
CONSTRUCTORS DO NOT change or alter job specifications unless first checking with designer.

REV	DATE	DRAFTER	DESCRIPTION	APPROVED
B	02.07.2018	A.T.K.	AS CONSTRUCTED	
A	16.06.2017	A.T.K.	PRELIMINARY - FOR NBN APPROVAL	

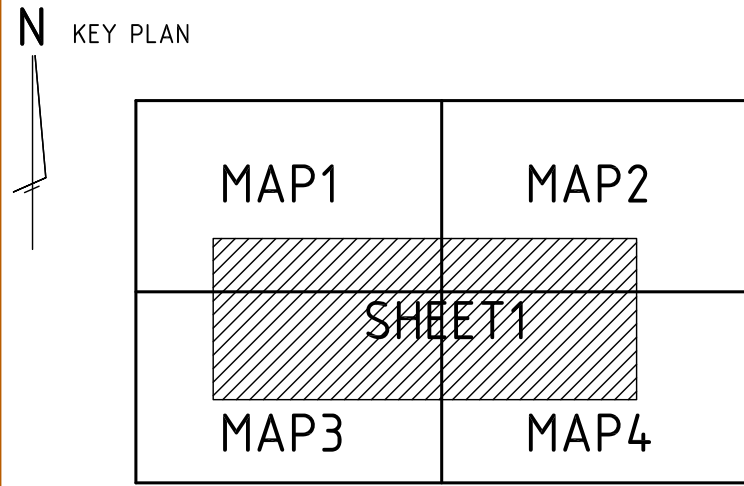
NBNCO APPROVAL RECORD:

SIGNATURE	DATE
☐ DD	_____
☐ WD	_____
☐ AB	_____

QUALITY RECORD :

NBNCO DISCLAIMER :

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DRAWING TITLE: LATITUDE 25		
STATE: QLD	REGION: WIDE BAY	
FSA: _____	FSAM: _____	FDA: _____
PROJECT No: AYCA-48URI4		
CADREF No: RVR16260		
SCALE 1:1000	SHEET No. 2 OF 2	REV. B