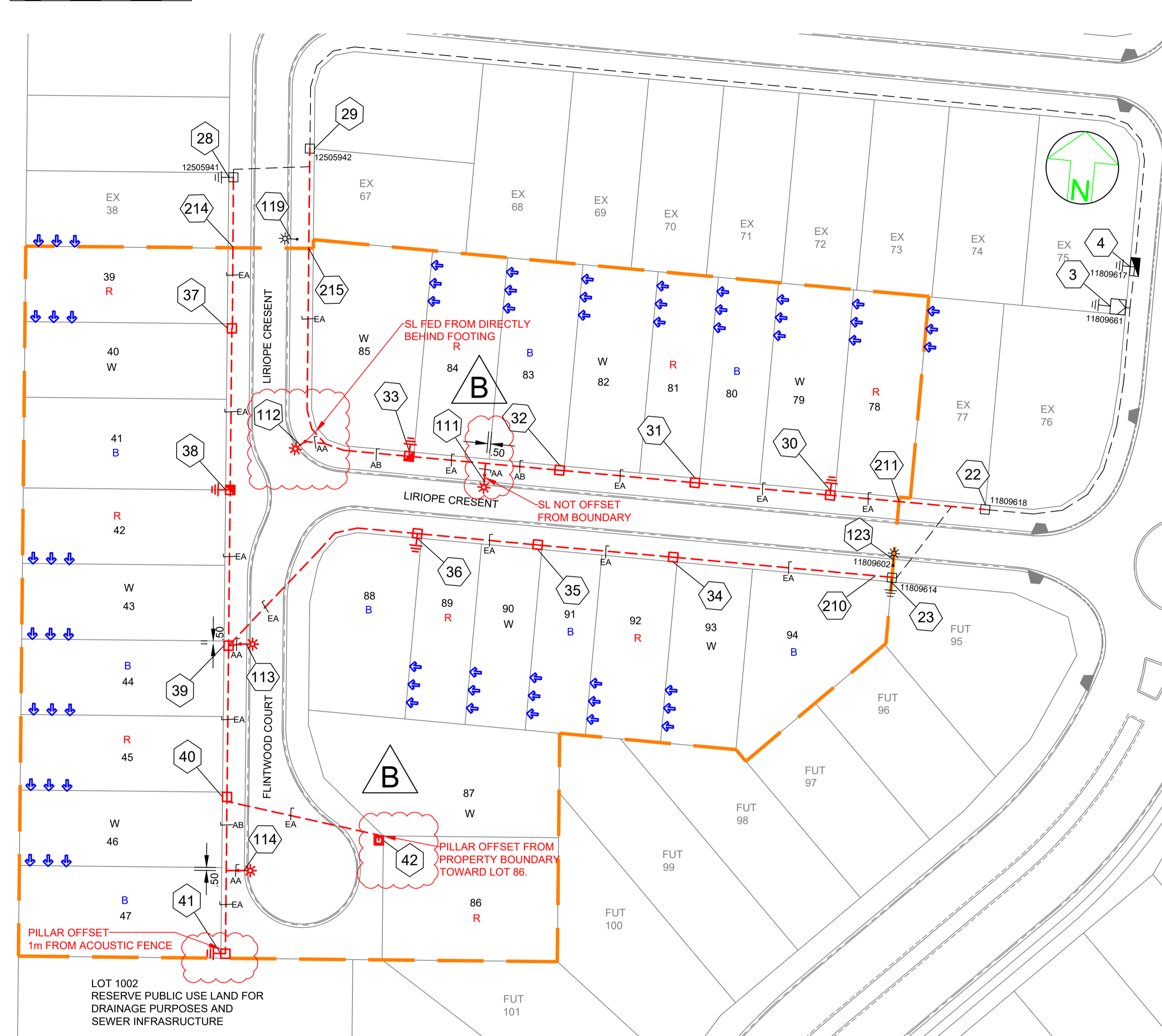


SITE PLAN
1:500 @ A1



WORKPLAN NOTES

- FOR STANDARD UNDERGROUND DUCT SECTIONS REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5168.
- POLYMERIC COVER TO BE INSTALLED OVER CONDUITS OUTSIDE NORMAL ERGON ALIGNMENT AS PER ERGON DRAWING 5022-1 AND 5124-1 & 2.
- STANDARD TRENCH ALIGNMENT IS 0.3 TO 0.9 METRES OFF PROPERTY ALIGNMENT SUBJECT TO LOCATION OF OTHER SERVICES. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5163 AND DRAWING 5228 FOR TRENCHES WITH NBNC₀ CONDUITS.
- STREETLIGHT POLE FOOTINGS SHALL BE LOCATED PERPENDICULAR TO THE KERB, AT THE PROLONGATION OF THE SIDE PROPERTY BOUNDARY, UNLESS DETAILED OTHERWISE. WHERE DIMENSIONS ARE SHOWN, THEY TAKE PRECEDENCE OVER GRID COORDINATES.
- ALL CONDUITS SHALL BE CONTINUOUS UNLESS DETAILED OTHERWISE.
- FOR STANDARD UDC CONSTRUCTION PRACTICES REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWINGS 5022, 5085 AND 5124.
- DEVELOPER SHALL INSTALL PLINTH AND CONCRETE SURROUND. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWINGS 5004 & 5005 AND RMU DWG 5217.
- THERE ARE 4 x 17W LED SYLVANIA STREET MINOR ROAD STREETLIGHTS ON RATE 2.
- STREETLIGHT DESIGN TO AS1158 CATEGORY P4.
- MINOR STREETLIGHTS - THE DEVELOPER SHALL SUPPLY AND INSTALL STREETLIGHT BASES. FOUNDATION DEPTH IS 1200mm FOR MINOR STREETLIGHTS. FOR ALL OTHER FOOTPATH WIDTHS, CENTRELINE OF STREETLIGHT SHALL BE 1.05m FROM BACK OF KERB. WHERE THE ROAD IS UN-KERBED OR THERE IS A FLUSH KERB, CENTRELINE OF STREETLIGHT SHALL BE 1.3m FROM THE OUTER EDGE OF THE BITUMEN.
- THE LIGHTING DESIGN INCLUDES AN ALLOWANCE FOR CONSTRUCTION TOLERANCE OF LIGHT POLES SUCH THAT ANY STREETLIGHT CAN BE POSITIONED UP TO A MAXIMUM OF ±350mm LONGITUDINALLY FROM THE POSITION SHOWN AND UP TO 100mm MAXIMUM FURTHER AWAY FROM KERB EDGE, INCLUDING POLES WITH GRID COORDINATES, AND STILL MAINTAIN COMPLIANCE.
- CONFIRM ALL CONDUIT AND CABLE LENGTHS PRIOR TO INSTALLATION.
- IN ACCORDANCE WITH ELECTRICAL SAFETY ACT, A SAFETY OBSERVER MUST BE PRESENT AT ALL TIMES WHEN WORKING IN THE VICINITY OF ENERGISED CABLES. CONTACT ERGON ENERGY ON 131046.
- WHERE SHOWN, 35mm sq ANNEALED BARE Cu EARTH SHALL BE INSTALLED AT BOTTOM OF TRENCH, IN NATURAL SOIL, BELOW BEDDING SAND, LOCATED A MINIMUM OF 50mm HORIZONTALLY TOWARDS PROPERTY BOUNDARY FROM CONDUITS (HV OR LV) INSTALLED ON PROPERTY BOUNDARY SIDE OF TRENCH. COIL 2m OF CABLE AT SPECIFIED STATIONS IN THE CONDUIT DUCTING SCHEDULE AND ALL REQUIRED JOINTS FOR CONNECTION BY ELECTRICAL CONTRACTOR. THE USE OF THE EARTH ROD CONNECTOR (U-BOLT, IIN. 0719437) IS NOT ACCEPTABLE FOR CONDUCTOR / CABLE TO CONDUCTOR / CABLE CONNECTIONS. IN ADDITION PARALLEL GROOVE CLAMPS ARE NOT ACCEPTABLE FOR JOINTING OR CONNECTING EARTHS BELOW GROUND LEVEL. ACCEPTABLE METHODS SHALL BE EITHER A CRIMP LINK OR A 'C' TYPE COMPRESSION CONNECTOR. CRIMP LINKS AND 'C' TYPE COMPRESSION CONNECTORS ARE AVAILABLE FROM ERGON ENERGY STORES IIN. 0157746 AND IIN. 2406222 RESPECTIVELY.
- ELECTRONIC CABLE MARKERS (ECM'S) ARE TO BE SUPPLIED BY THE ELECTRICAL CONTRACTOR AND ARE REQUIRED AT ENDS OF ALL SPARE CONDUITS AND AT ALL CABLE JOINTS. ECM'S SHALL BE PLACED 150mm ABOVE THE LINE OF CONDUIT FOR CABLE JOINTS AND 150mm ABOVE THE LINE OF CONDUIT FOR SPARE CONDUITS. ECM'S ARE RECOVERABLE AND SHALL BE REMOVED AND RETURNED TO THE ELECTRICAL CONTRACTOR WHEN ALL SPARE CONDUIT ENDS ARE REMOVED FROM A LOCATION.
- ADDITIONAL CONDUIT BENDS SHALL BE INSTALLED TO ACHIEVE INCREASED BURIAL DEPTH AT ROAD CROSSINGS. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5022.
- ALL CONTRACTORS MUST CARRY OUT A DIAL BEFORE YOU DIG ENQUIRY BEFORE COMMENCING ANY EXCAVATION.
- INSTALL PILLAR OFFSET IN ACCORDANCE WITH ERGON DRAWING 5196-2 & DETAIL B.
- CONTRACTOR TO SUPPLY AND INSTALL ENGRAVED LABEL LOCATED ON LIGHTING TERMINAL STATING "LIGHT FED FROM PILLAR ASSET NUMBER _____"
- WARNING:** LIVE CABLES AND EXISTING SERVICES IN AREA. CONTRACTOR TO USE POT HOLING, HYDRO-VAC EXCAVATION AND CABLE LOCATION WHEN INSTALLING NEW INFRASTRUCTURE.

SPA LIGHTING DESIGN COMPLIANCE CERTIFICATE

THIS LIGHTING DESIGN COMPLIES GENERALLY WITH THE NOMINATED CATEGORIES OF AS1158 FOR RATE 1 AND RATE 2 LUMINAIRES.

NAME: JANE ERREY TITLE: SENIOR ELECTRICAL ENGINEER
RPEQ: 6863

LIGHTING CATEGORIES: CATEGORY P4
LOCAL COUNCIL: TOWNSVILLE CITY COUNCIL
LUMINAIRE UPCAST: 0 DEGREES UPCAST ANGLE
MAINTENANCE FACTOR 0.75

THE DESIGN ASSUMES MAINTENANCE FACTORS OF 0.75 FOR MINOR ROAD LIGHTING AND 0.75 FOR MAJOR ROAD LIGHTING. THESE MAINTENANCE FACTORS ARE BASED ON THE FOLLOWING MAINTENANCE SCHEDULE, WHICH MIGHT NOT NECESSARILY BE ADOPTED BY ERGON.

1. LAMPS SHALL BE REPLACED AT 36- MONTH INTERVALS.
2. ALL THAT TIME, LUMINAIRES SHALL BE CLEANED, INSPECTED AND MAINTAINED.
3. VEGETATION SHALL BE KEPT CLEAR OF STREET LIGHTS.
4. INSPECTION PATROLS AND SPOT LAMP REPLACEMENT SHALL MAINTAIN SERVICE AVAILABILITY AT NO LESS THAN 95%.
5. LUMINAIRES AND LAMPS SHALL BE REPLACED WITH EXACT EQUIVALENTS.

ALL LIGHTING CALCULATIONS ARE AVAILABLE UPON REQUEST.
FOR LIGHTING ARRANGEMENT, SPACINGS, MOUNTING HEIGHTS, OUTREACH DETAILS AND SIGNIFICANT ROAD FEATURES, REFER TO DRAWING.

AS CONSTRUCTED

ON COMPLETION, MARK UP THIS PRINT CLEARLY WITH ALL FINAL CHANGES AND RETURN TO PROJECT MANAGER

CHANGES: YES/NO

ELECTRICAL CONTRACTOR
NAME: POWERUP PROJECT RETICULATION
SIGNATURE: BEN HALL
DATE: 24/2/23

CIVIL CONTRACTOR
NAME: BMD CONSTRUCTION
SIGNATURE: ANTHONY BURKE
DATE: 18/11/22

STN NO	SITE LABEL	POLE ALIGNMENT	POLE SETTING DEPTH	ACTION	CONSTRUCTION CLASS	CONSTRUCTION CODE	DRAWING NUMBER	POSITION ON POLE	REMARKS
22	11809618			INSTALL - ERGON	PILLAR UPGRADE	LV PNU2-3/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 3 WAY AND TERMINATE CABLE FROM 22 TO 30.
23	11809614			INSTALL - ERGON	PILLAR UPGRADE	LV PNU1-2/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 2 WAY AND TERMINATE CABLE FROM 23 TO 34.
28	12505941			INSTALL - ERGON	PILLAR UPGRADE	LV PNU2-3/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 3 WAY AND TERMINATE CABLE FROM 28 TO 37.
29	12505942			INSTALL - ERGON	PILLAR UPGRADE	LV PNU2-3/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 3 WAY AND TERMINATE CABLE FROM 29 TO 33.

STAGES 13B & 13C CONSTRUCTED TOGETHER. STN 28 & 29 CONSTRUCTED TO FINAL.

Code	Date	Description	Revised	Code	Date	Description	Revised
B	28/2/23	AS CONSTRUCTED		SW			
A	22/03/22	FOR CONSTRUCTION		NJ			

CLIENT: URBEX PTY LTD (TOWNSVILLE)
PO Box 6008, TOWNSVILLE, QLD. 4810
Ph. 07 4750 7007 Fax

spa consulting engineers
Simon Perkins & Associates
Tel: (07) 4032 3311 Fax: (07) 4032 5633
PO Box 664 North Cairns QLD 4870
Email Address: admin@spaconconsulting.com.au
A business unit of SPA Consulting Engineers (Qld) Pty Ltd a.s.b. 91 010 844 418

LEGEND

- CABLE EXISTING
- - - CABLE PLANNED
- - - CABLE RECOVER
- EQUIPMENT EXISTING
- - - EQUIPMENT RECOVER
- EQUIPMENT PLANNED
- SUBSTATION
- ✓ HV ISOLATING DEVICE
- | LV ISOLATING DEVICE
- NORMAL PILLAR
- CROSS ROAD PILLAR
- LINKING PILLAR
- COMMERCIAL/ INDUSTRIAL PILLAR
- DISTRIBUTION CABINET
- * STREETLIGHT
- ⊥ EARTH
- POLE
- CABLE JOINT
- ◆◆◆ ZERO LOT BOUNDARY
- HV DUCT
- LV DUCT
- LIGHTING DUCT
- 35mm sq ANNEALED BARE COPPER EARTH

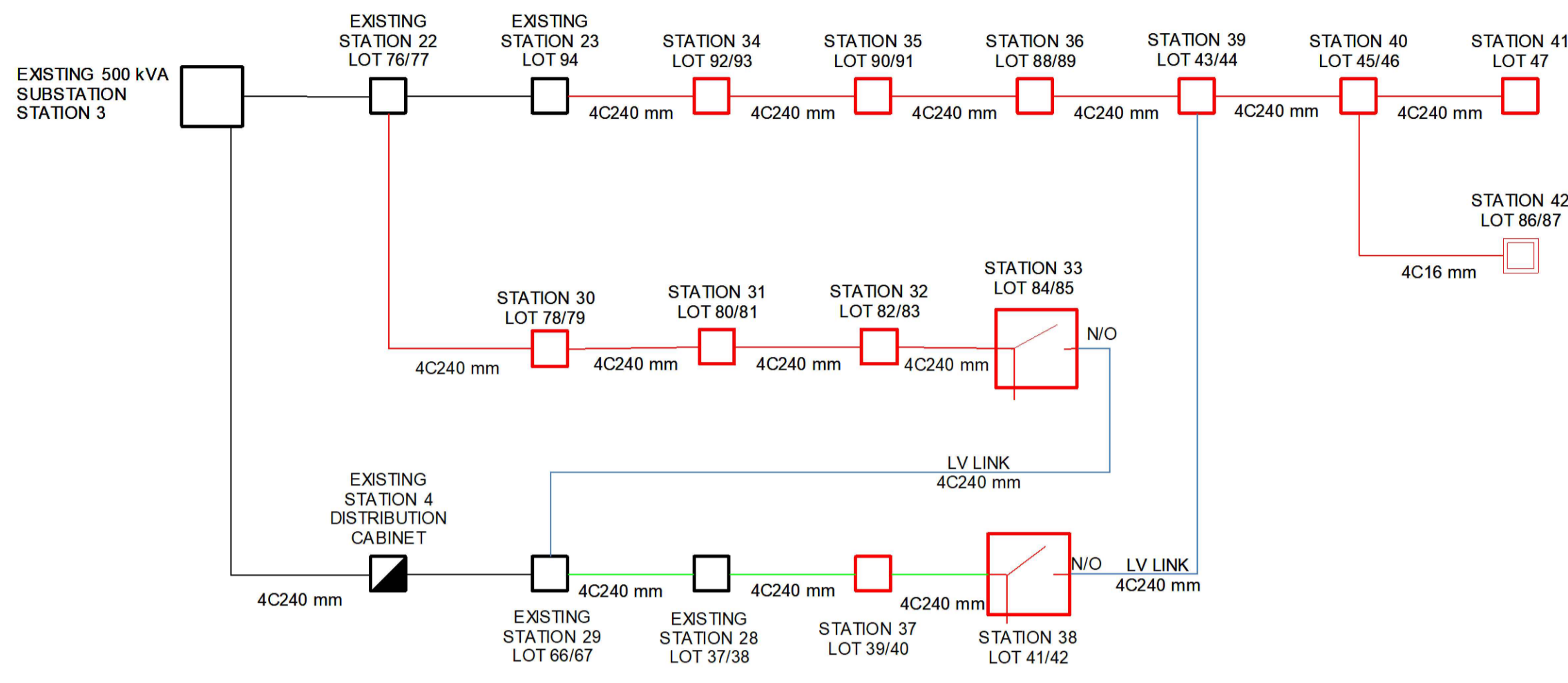
Drawing Title: THE RESERVE (KALYNDA CHASE) STG 13C UDC UG ELECTRICAL RETICULATION SITE PLAN, ERGON WORKS SCHEDULE LIGHTING CERTIFICATE

Date: MARCH 2022
Scale: 1:500 @A1
Drawn: NJ
RPEQ Design Certification: Jane Errey 6863
Sheet: 1 OF 3

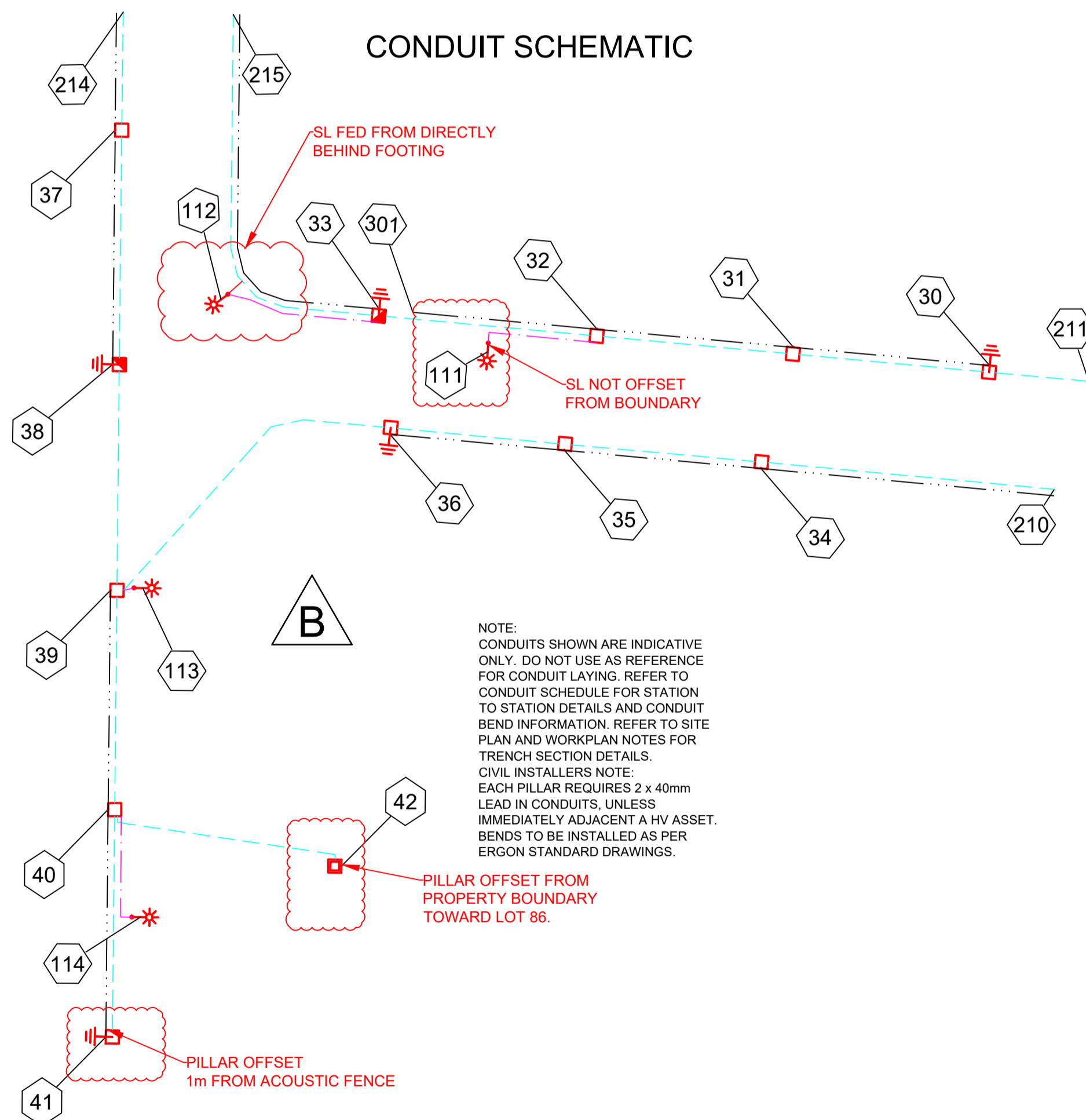
Project Description: KALYNDA CHASE BOHLE PLAINS

ERGON Project Number: 1669005
SPA Drawing Number: 3393-E01
Revision: B

LV SCHEMATIC



CONDUIT SCHEMATIC



PILLAR OFFSET 1m FROM ACOUSTIC FENCE
 PILLAR OFFSET FROM PROPERTY BOUNDARY TOWARD LOT 86.
 SL NOT OFFSET FROM BOUNDARY
 SL FED FROM DIRECTLY BEHIND FOOTING

STN NO	SITE LABEL	POLE ALIGNMENT	POLE SETTING DEPTH	ACTION	CONSTRUCTION CLASS	CONSTRUCTION CODE	DRAWING NUMBER	POSITION ON POLE	REMARKS
3	11809661			EXISTING	EARTH				
3	11809661			EXISTING	SUBSTATION INC HV SWITCHGEAR				
4	11809617			EXISTING	DISTRIBUTION CABINET				
4	11809617			EXISTING	EARTH				
22	11809618			EXISTING	PILLAR				
22	11809618			INSTALL - ERGON	PILLAR UPGRADE	LV PNU2-3/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 3 WAY AND TERMINATE CABLE FROM 22 TO 30.
23	11809614			EXISTING	EARTH				
23	11809614			EXISTING	PILLAR				
23	11809614			INSTALL - ERGON	PILLAR UPGRADE	LV PNU1-2/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 2 WAY AND TERMINATE CABLE FROM 23 TO 34.
28	12505941			EXISTING	EARTH				
28	12505941			EXISTING	PILLAR				
28	12505941			INSTALL - ERGON	PILLAR UPGRADE	LV PNU2-3/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 3 WAY AND TERMINATE CABLE FROM 28 TO 37.
29	12505942			EXISTING	PILLAR				
29	12505942			INSTALL - ERGON	PILLAR UPGRADE	LV PNU2-3/240/N	5074		ERGON ENERGY TO UPGRADE PILLAR TO 3 WAY AND TERMINATE CABLE FROM 29 TO 33.
30	12505948			INSTALL	EARTH	E MEN/PIL	5085		
30	12505948			INSTALL	PILLAR	LV PN2/6/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 79. REFER TO NOTE 18 AND DETAIL B.
31	12505949			INSTALL	PILLAR	LV PN2/6/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 81. REFER TO NOTE 18 AND DETAIL B.
32	12505950			INSTALL	PILLAR	LV PN2/6S/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 83. REFER TO NOTE 18 AND DETAIL B.
33	12505951			INSTALL	EARTH	E MEN/PIL	5085		
33	12505951			INSTALL	PILLAR	LV PL2/6S/240/N	5042		INSTALL PILLAR OFFSET TOWARDS LOT 85. REFER TO NOTE 18 AND DETAIL B.
34	12505952			INSTALL	PILLAR	LV PN2/6/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 92. REFER TO NOTE 18 AND DETAIL B.
35	12505953			INSTALL	PILLAR	LV PN2/6/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 90. REFER TO NOTE 18 AND DETAIL B.
36	12505954			INSTALL	EARTH	E MEN/PIL	5085		
36	12505954			INSTALL	PILLAR	LV PN2/6/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 88. REFER TO NOTE 18 AND DETAIL B.
37	12505955			INSTALL	PILLAR	LV PN2/6/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 40. REFER TO NOTE 18 AND DETAIL B.
38	12505956			INSTALL	EARTH	E MEN/PIL	5085		
38	12505956			INSTALL	PILLAR	LV PL2/6/240/N	5042		
39	12505957			INSTALL	PILLAR	LV PN3/6S/240/N	5027		INSTALL PILLAR OFFSET TOWARDS LOT 44. REFER TO NOTE 18 AND DETAIL B.
40	12505958			INSTALL	PILLAR	LV PN2/6S/240/N	5026		INSTALL PILLAR OFFSET TOWARDS LOT 46. REFER TO NOTE 18 AND DETAIL B.
41	12505959			INSTALL	EARTH	E MEN/PIL	5085		
41	12505959			INSTALL	PILLAR	LV PN1/6/240/N	5025		INSTALL PILLAR OFFSET TOWARDS LOT 47. REFER TO NOTE 18 AND DETAIL B.
42	12505960			INSTALL	PILLAR	LV PX/6/16CUI/N	5041		
111	12505961			INSTALL	POLE	SL BPM/75/1 15 CI	1-6-4-1 & 2		INSTALL LIGHT POLE OFFSET 0.5M TOWARDS LOT 84. REFER TO NOTE 19.
112	12505962			INSTALL	POLE	SL BPM/75/1 15 CI	1-6-4-1 & 2		INSTALL LIGHT POLE IN TRUNCATION. REFER TO NOTE 19.
113	12505963			INSTALL	POLE	SL BPM/75/1 15 CI	1-6-4-1 & 2		INSTALL LIGHT POLE OFFSET 0.5M TOWARDS LOT 44.
114	12505964			INSTALL	POLE	SL BPM/75/1 15 CI	1-6-4-1 & 2		INSTALL LIGHT POLE OFFSET 0.5M TOWARDS LOT 47. REFER TO NOTE 19.
119	12505947			EXISTING	POLE				
123	11809602			EXISTING	POLE				

STAGES 13B & 13C CONSTRUCTED TOGETHER. STN 28 & 29 CONSTRUCTED TO FINAL.



AS CONSTRUCTED

ON COMPLETION, MARK UP THIS PRINT CLEARLY WITH ALL FINAL CHANGES AND RETURN TO PROJECT MANAGER

CHANGES: YES/NO

ELECTRICAL CONTRACTOR
 NAME: POWERUP PROJECT RETICULATION
 SIGNATURE: BEN HALL
 DATE: 24/2/23

CIVIL CONTRACTOR
 NAME: BMD CONSTRUCTION
 SIGNATURE: ANTHONY BURKE
 DATE: 18/11/22

Code	Date	Description	Revised	Code	Date	Description	Revised
B	28/2/23	AS CONSTRUCTED		SW			
A	22/03/22	FOR CONSTRUCTION		NJ			

CLIENT: URBEX PTY LTD (TOWNSVILLE)
 PO Box 6008, TOWNSVILLE, QLD. 4810
 Ph. 07 4750 7007 Fax

CIVIL ENGINEER
 Empower Engineers & Project Managers (Townsville)
 PO Box 6008, TOWNSVILLE, QLD. 4810
 Ph. 07 4750 7000 Fax



LEGEND

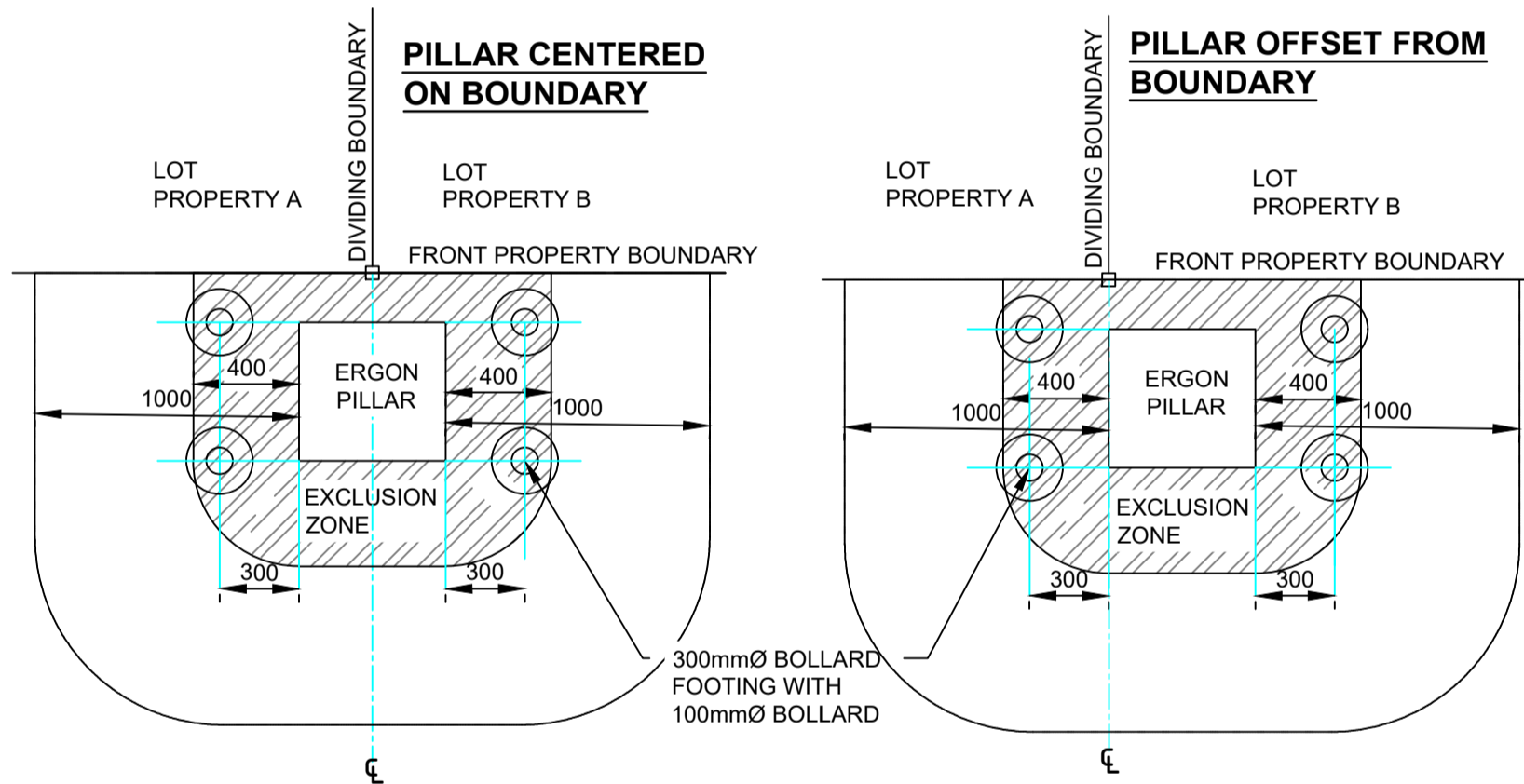
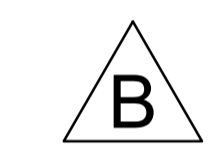
--- CABLE EXISTING	□ SUBSTATION	□ COMMERCIAL/ INDUSTRIAL PILLAR
--- CABLE PLANNED	✓ HV ISOLATING DEVICE	□ DISTRIBUTION CABINET
--- CABLE RECOVER	LV ISOLATING DEVICE	* STREETLIGHT
--- EQUIPMENT EXISTING	□ NORMAL PILLAR	EARTH
--- EQUIPMENT RECOVER	□ CROSS ROAD PILLAR	○ POLE
--- LIGHTING DUCT	□ LINKING PILLAR	□ CABLE JOINT
--- 35mm sq ANNEALED BARE COPPER EARTH		

Drawing Title	Date	MARCH 2022
THE RESERVE (KALYNDA CHASE) STG 13C UDC UG ELECTRICAL RETICULATION CONDUIT & LV SCHEMATIC CONSTRUCTION SCHEDULE	Scale	NTS
Project Description KALYNDA CHASE BOHLE PLAINS	Drawn	NJ
ERGON Project Number 1669005	RPEG Design Certification Jane Errey 6863	Sheet 2 OF 3
SPA Drawing Number 3393-E02	Revision A	

STN FROM	STN TO	ACTION	VOLTAGE	CONSTRUCTION CODE	ROUTE LENGTH	CABLE LENGTH	REMARKS
22	30	INSTALL	415V	LVI-240C4/1611	26	30	COIL CABLE AT STN 22 FOR FINAL TERMINATION BY ERGON ENERGY.
23	34	INSTALL	415V	LVI-240C4/1611	37	41	COIL CABLE AT STN 23 FOR FINAL TERMINATION BY ERGON ENERGY.
28	37	INSTALL	415V	LVI-240C4/1611	26	30	COIL CABLE AT STN 28 FOR FINAL TERMINATION BY ERGON ENERGY.
29	33	INSTALL	415V	LVI-240C4/1611	64	68	COIL CABLE AT STN 29 FOR FINAL TERMINATION BY ERGON ENERGY. LV LINK
30	31	INSTALL	415V	LVI-240C4/1611	23	27	
31	32	INSTALL	415V	LVI-240C4/1611	23	27	
32	33	INSTALL	415V	LVI-240C4/1611	26	30	
32	111	INSTALL	240V	LVI-4CU2NS/1671	15	20	
33	112	INSTALL	240V	LVI-4CU2NS/1671	18	23	
34	35	INSTALL	415V	LVI-240C4/1611	23	27	
35	36	INSTALL	415V	LVI-240C4/1611	20	24	
36	39	INSTALL	415V	LVI-240C4/1611	40	44	
37	38	INSTALL	415V	LVI-240C4/1611	27	31	
39	38	INSTALL	415V	LVI-240C4/1611	26	30	LV LINK
39	40	INSTALL	415V	LVI-240C4/1611	26	30	
39	113	INSTALL	240V	LVI-4CU2NS/1671	5	10	
40	41	INSTALL	415V	LVI-240C4/1611	26	30	
40	42	INSTALL	415V	LVI-16CUC4/1601	28	32	
40	114	INSTALL	240V	LVI-4CU2NS/1671	14	19	

STN FROM	STN TO	ACTION	CONSTRUCTION CODE	LENGTH (m)	No. of LENGTHS / DRUM	BENDS (Degrees/ Radius(mm) x No.)	Remarks
30	31	INSTALL - CIVIL	C80L	23	3.8	45/1200x2	
31	32	INSTALL - CIVIL	C80L	23	3.8	45/1200x2	
32	33	INSTALL - CIVIL	C80L	26	4.3	45/1200x2	
32	111	INSTALL - CIVIL	C50H	15	3.8	90/300x2 90/600x1	
33	112	INSTALL - CIVIL	C50H	18	4.5	90/300x2 90/600x1	
34	35	INSTALL - CIVIL	C80L	23	3.8	45/1200x2	
35	36	INSTALL - CIVIL	C80L	20	3.3	45/1200x2	
36	39	INSTALL - CIVIL	C80L	40	6.7	45/1200x2 30/1830x1 15/1830x3	
37	38	INSTALL - CIVIL	C80L	27	4.5	45/1200x2	
39	38	INSTALL - CIVIL	C80L	26	4.3	45/1200x2	LV LINK
39	40	INSTALL - CIVIL	C80L	26	4.3	45/1200x2	
39	41	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	55	0.2		COIL 2M OF CABLE AT STN 41 FOR CONNECTION BY ERGON ENERGY. LEAVE AT BOTTOM OF TRENCH 39.
39	113	INSTALL - CIVIL	C50H	5	1.3	90/300x2	
40	41	INSTALL - CIVIL	C80L	26	4.3	45/1200x2	
40	42	INSTALL - CIVIL	C80L	28	4.7	90/450x2 45/1830x2 15/1830x2	ADD BEND TO AVOID NBN PIT.
40	114	INSTALL - CIVIL	C50H	14	3.5	90/300x2 90/600x1	
210	34	INSTALL - CIVIL	C80L	35	5.8	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 210 AND CONNECT TO NEW.
210	36	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	75	0.3		COIL 2M OF CABLE AT STN 36 FOR CONNECTION BY ERGON ENERGY. LEAVE AT BOTTOM OF TRENCH 210.
211	30	INSTALL - CIVIL	C80L	12	2.0	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 211 AND CONNECT TO NEW.
214	37	INSTALL - CIVIL	C80L	14	2.3	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 214 AND CONNECT TO NEW.
214	38	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	45	0.2		COIL 2M OF CABLE AT STN 38 FOR CONNECTION BY ERGON ENERGY. LEAVE AT BOTTOM OF TRENCH 214.
215	33	INSTALL - CIVIL	C80L	48	8.0	45/1200x1 30/1830x2 15/1830x1	LOCATE EXISTING CAPPED CONDUIT AT STN 215 AND CONNECT TO NEW.
215	33	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	48	0.2		COIL 2M OF CABLE AT STN 33 FOR CONNECTION BY ERGON ENERGY. LEAVE AT BOTTOM OF TRENCH 215.
301	30	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	68	0.3		COIL 2M OF CABLE AT STN 30 FOR CONNECTION BY ERGON ENERGY. LEAVE AT BOTTOM OF TRENCH 301.

CONNECTION OF BARE EARTH & HARD DRAWN EARTH MADE TO EARTH STAKE -AS PER ERGON DRAWING No. 5085. CONNECTION TO NEUTRAL TO BE MADE BY ERGON -AS PER PRESTRAT NOTE No. 5.



DETAIL B: PILLAR ON BUILD TO BOUNDARY LOTS

- PILLAR TO BE INSTALLED OFFSET FROM PROPERTY BOUNDARY TOWARD ADJACENT LOT, UNLESS DRIVEWAY ACCESSES FOR BOTH LOTS ARE LOCATED ON THE COMMON BOUNDARY.
- EDGE OF PILLAR CANNOT BE LOCATED MORE THAN 100mm FROM PROPERTY BOUNDARY PEG.
- DRIVEWAY ACCESS TO LOTS CANNOT BE LOCATED WITHIN 1m OF THE EDGE OF PILLAR, OR SAFETY BOLLARDS MUST BE INSTALLED, AS SHOWN.

STN NO	SITE LABEL	ACTION	CONSTRUCTION CODE	RATE	TARIFF OWNER	MOUNTING HEIGHT (m)	REMARKS
111	12505961	INSTALL	SLED GL 0167 N	RATE 2	TCC	7.5	
112	12505962	INSTALL	SLED GL 0167 N	RATE 2	TCC	7.5	
113	12505963	INSTALL	SLED GL 0167 N	RATE 2	TCC	7.5	
114	12505964	INSTALL	SLED GL 0167 N	RATE 2	TCC	7.5	
119	12505947	EXISTING					
123	11809602	EXISTING					

AS CONSTRUCTED

ON COMPLETION, MARK UP THIS PRINT CLEARLY WITH ALL FINAL CHANGES AND RETURN TO PROJECT MANAGER

CHANGES: YES/NO

ELECTRICAL CONTRACTOR
 NAME: POWERUP PROJECT RETICULATION
 SIGNATURE: BEN HALL
 DATE: 24/2/23

CIVIL CONTRACTOR
 NAME: BMD CONSTRUCTION
 SIGNATURE: ANTHONY BURKE
 DATE: 18/11/22

CLIENT: URBEX PTY LTD (TOWNSVILLE) PO Box 6008, TOWNSVILLE, QLD. 4810 Ph. 07 4750 7007 Fax			LEGEND --- ZERO LOT BOUNDARY --- HV DUCT --- LV DUCT --- LIGHTING DUCT --- 35mm sq ANNEALED BARE COPPER EARTH --- CABLE EXISTING --- CABLE PLANNED --- CABLE RECOVER --- EQUIPMENT EXISTING --- EQUIPMENT RECOVER --- EQUIPMENT PLANNED □ SUBSTATION ✓ HV ISOLATING DEVICE LV ISOLATING DEVICE □ NORMAL PILLAR □ CROSS ROAD PILLAR □ LINKING PILLAR □ COMMERCIAL/ INDUSTRIAL PILLAR □ DISTRIBUTION CABINET * STREETLIGHT - - EARTH ○ POLE □ CABLE JOINT	Drawing Title THE RESERVE (KALYNDA CHASE) STG 13C UDC UG ELECTRICAL RETICULATION SCHEDULES & DETAIL B	Date MARCH 2022
CIVIL ENGINEER Empower Engineers & Project Managers (Townsville) PO Box 6008, TOWNSVILLE, QLD. 4810 Ph. 07 4750 7000 Fax				Project Description KALYNDA CHASE BOHLE PLAINS	ERGON Project Number 1669005