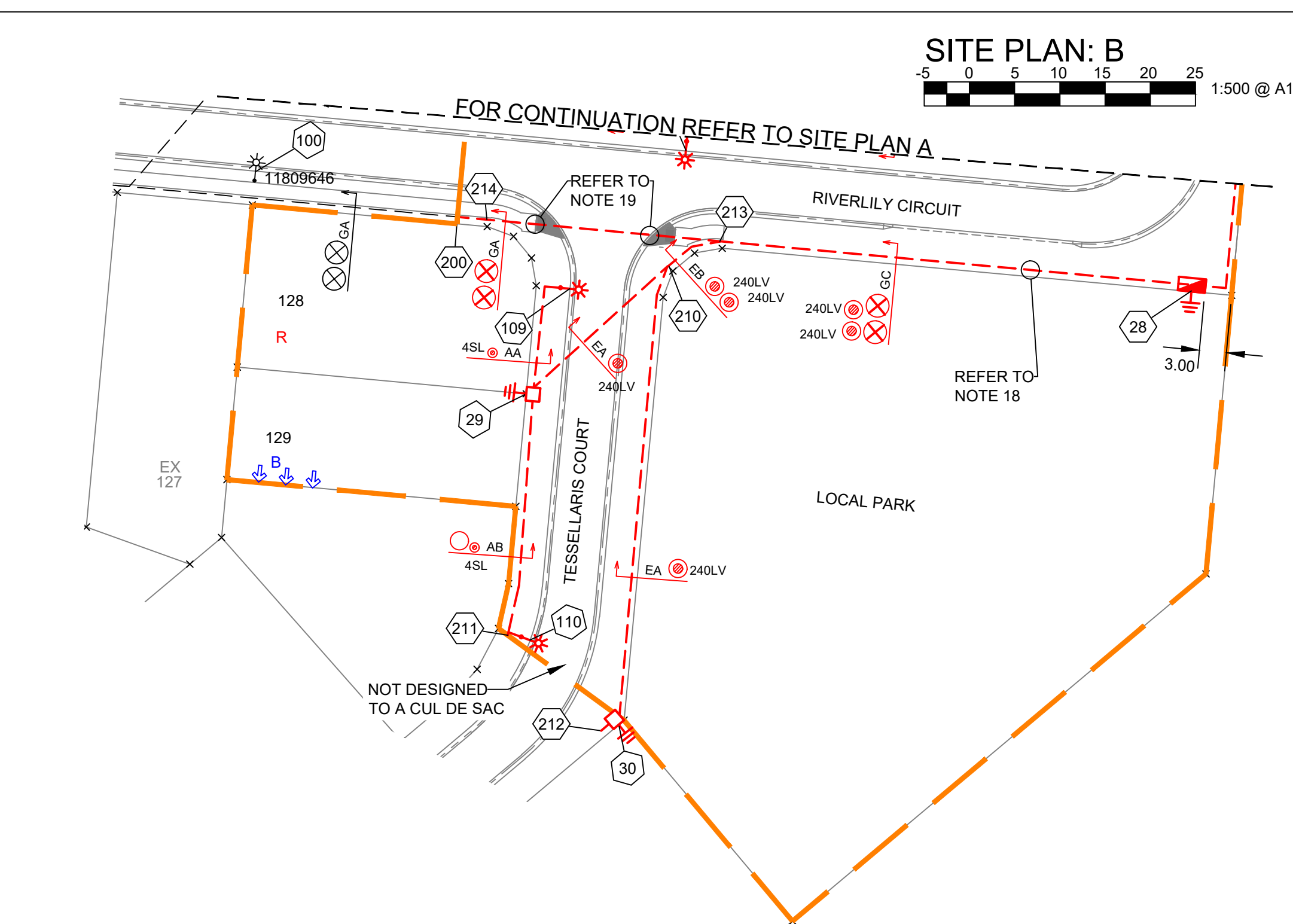
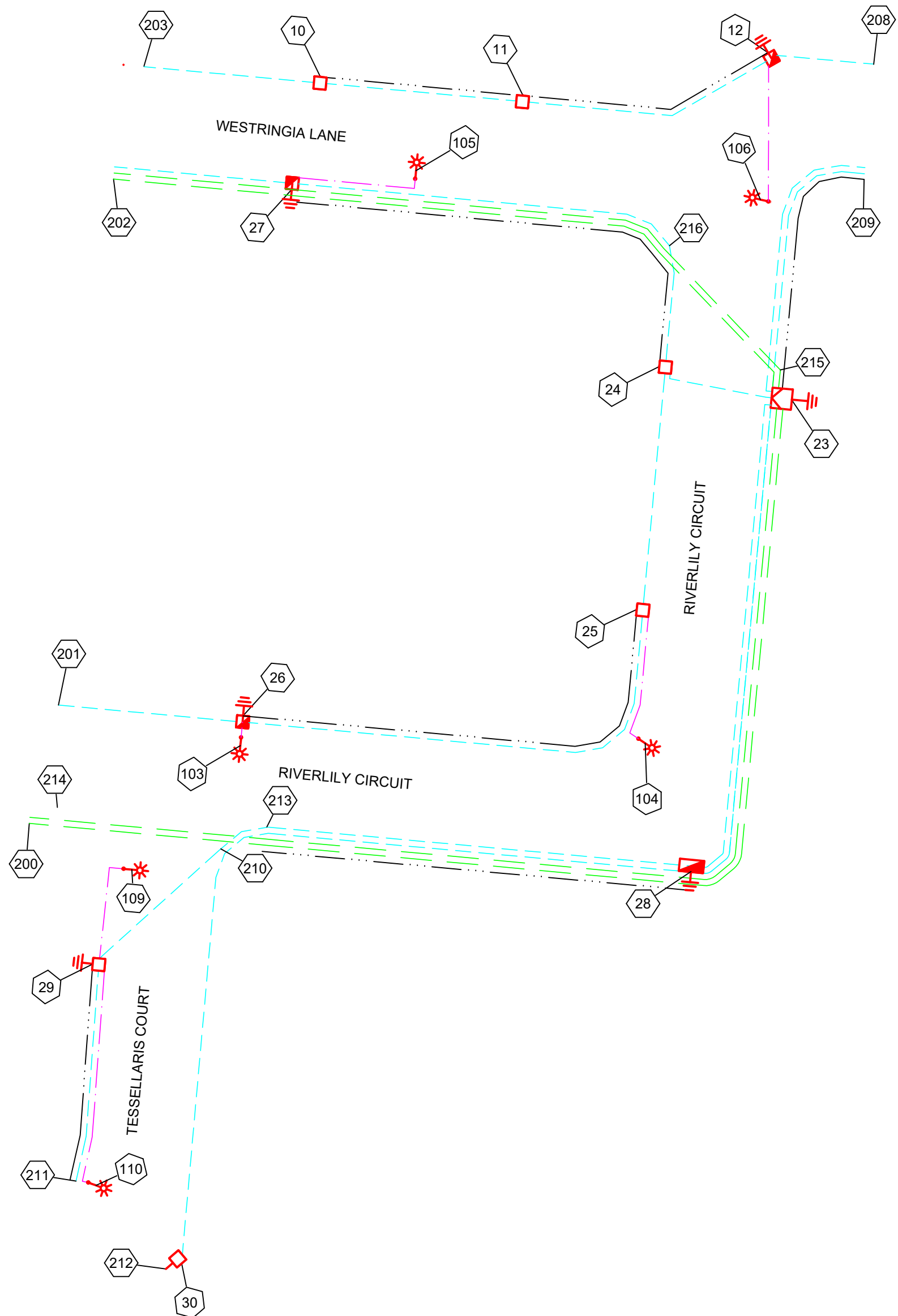




Date	OCTOBER 2022		
Scale	1:500@A1		
Drawn	SW		
RPEQ Design Certification Michael Dayout 29435			
Sheet	1 OF 5		
ERGO Project Number	SPA Drawing Number	Revision	
1795945	3394-E01	B	

CIVIL INSTALLERS NOTE:
EACH PILLAR REQUIRES 2 x 40mm LEAD IN CONDUITS. BENDS TO BE INSTALLED
AS PER ERGON STANDARD DRAWINGS.



Rev Date 20-4-23	VERGE CONDUIT DUCTING SCHEDULE						
STN FROM	STN TO	ACTION	CONSTRUCTION CODE	LENGTH (m)	No. of LENGTHS / DRUM	BENDS (Degrees/ Radius(mm) x No.)	Remarks
10	11	INSTALL - CIVIL	C100L	25	4.2	45/1200x2	
10	12	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	60	0.2		COIL 2M OF CABLE AT STN 12 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 10.
11	12	INSTALL - CIVIL	C100L	32	5.3	45/1200x2 45/1830x1	
12	208	INSTALL - CIVIL	C100L	13	2.2	45/1200x1	CAP CONDUIT AT STN 208
16	17	INSTALL - CIVIL	C100L	30	5.0	45/1200x2	
16	18	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	58	0.2		COIL 2M OF CABLE AT STN 18 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 16.
17	18	INSTALL - CIVIL	C100L	25	4.2	45/1200x2	
18	108	INSTALL - CIVIL	C50H	17	4.3	90/300x2 90/600x1	
18	206	INSTALL - CIVIL	C100L	21	3.5	45/1200x1	CAP CONDUIT AT STN 206
20	21	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	29	0.1		COIL 2M OF CABLE AT STN 21 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 20.
20	21	INSTALL - CIVIL	C100L	25	4.2	45/1200x2	
20	107	INSTALL - CIVIL	C50H	16	4.0	90/300x2 90/600x1	
21	22	INSTALL - CIVIL	C100L	25	4.2	45/1200x2	
22	31	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	33	0.1		COIL 2M OF CABLE AT STN 31 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 22.
22	31	INSTALL - CIVIL	C100L	25	4.2	45/1200x2	
23	28	INSTALL - CIVIL	C100L	61	10.2	45/1830x2	
23	28	INSTALL - CIVIL	C100L	61	10.2	45/1830x2	CAP CONDUIT AT STN 23 & 28.
23	209	INSTALL - CIVIL	C100L	36	6.0	30/1830x2 15/1830x2	CAP CONDUIT AT STN 209 & 23
23	209	INSTALL - CIVIL	C100L	36	6.0	30/1830x2 15/1830x2	CAP CONDUIT AT STN 209 & 23
23	213	INSTALL - CIVIL	C125L	117	19.5	45/1830x2 15/1830x4	CAP CONDUIT AT STN 23. REFER TO NOTE 18.
23	213	INSTALL - CIVIL	C125L	117	19.5	45/1830x2 15/1830x4	CAP CONDUIT AT STN 203. REFER TO NOTE 18.
23	215	INSTALL - CIVIL	C125L	4	0.6	45/1830x1	
23	215	INSTALL - CIVIL	C125L	4	0.6	45/1830x1	CAP CONDUIT AT STN 23.
24	25	INSTALL - CIVIL	C100L	30	5.0	45/1200x2	
24	27	INSTALL - CIVIL	C100L	63	10.5	45/1200x2 30/1830x2 15/1830x2	
24	27	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	63	0.3		COIL 2M OF CABLE AT STN 27 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 24.
25	26	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	65	0.3		COIL 2M OF CABLE AT STN 26 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 25.
25	26	INSTALL - CIVIL	C100L	63	10.5	45/1200x2 30/1830x2 15/1830x2	
25	104	INSTALL - CIVIL	C50H	18	4.5	90/300x2 90/600x1	
26	103	INSTALL - CIVIL	C50H	5	1.3	90/300x2	
27	105	INSTALL - CIVIL	C50H	18	4.5	90/300x2 90/600x1	
28	30	INSTALL - CIVIL	C100L	109	18.2	45/1200x1 45/1830x2 15/1830x4	REFER TO NOTE 18.
28	210	INSTALL - CIVIL	C100L	60	10.0	15/1830x7	REFER TO NOTE 18
29	109	INSTALL - CIVIL	C50H	14	3.5	90/300x2 90/600x1	
29	110	INSTALL - CIVIL	C50H	29	7.3	90/300x2 90/600x1	
29	211	INSTALL - CIVIL	C100L	27	4.5	30/1830x1	CAP CONDUIT AT STN 210.
30	212	INSTALL - CIVIL	C100L	2	0.3	30/1830x1	CAP CONDUIT AT STN 212.
31	207	INSTALL - CIVIL	C100L	2	0.3	45/1200x1	CAP CONDUIT AT STN 207
201	26	INSTALL - CIVIL	C80L	24	4.0	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 201 AND CONNECT TO NEW
202	27	INSTALL - CIVIL	C80L	24	4.0	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 202 AND CONNECT TO NEW
203	10	INSTALL - CIVIL	C80L	23	3.8	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 203 AND CONNECT TO NEW
204	20	INSTALL - CIVIL	C80L	10	1.7	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 204 AND CONNECT TO NEW
205	16	INSTALL - CIVIL	C80L	13	2.2	45/1200x1	LOCATE EXISTING CAPPED CONDUIT AT STN 205 AND CONNECT TO NEW
209	23	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	37	0.1		COIL 2M OF CABLE AT STN 23 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 209.
211	29	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	31	0.1		COIL 2M OF CABLE AT STN 29 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 211.
213	28	INSTALL - CIVIL	35mm2 ANNEALED BARE Cu EARTH	57	0.2		COIL 2M OF CABLE AT STN 28 FOR CONNECTION BY ELECTRICAL CONTRACTOR. LEAVE AT BOTTOM OF TRENCH AT STN 213.
214	200	INSTALL - CIVIL	C125L	4	0.7		LOCATE EXISTING CAPPED CONDUIT AT STN 200 AND CONNECT TO NEW.
214	200	INSTALL - CIVIL	C125L	4	0.7		LOCATE EXISTING CAPPED CONDUIT AT STN 200 AND CONNECT TO NEW.
216	202	INSTALL - CIVIL	C125L	69	11.5		LOCATE EXISTING CAPPED CONDUIT AT STN 202 AND CONNECT TO NEW.
216	202	INSTALL - CIVIL	C125L	69	11.5		LOCATE EXISTING CAPPED CONDUIT AT STN 202 AND CONNECT TO NEW.

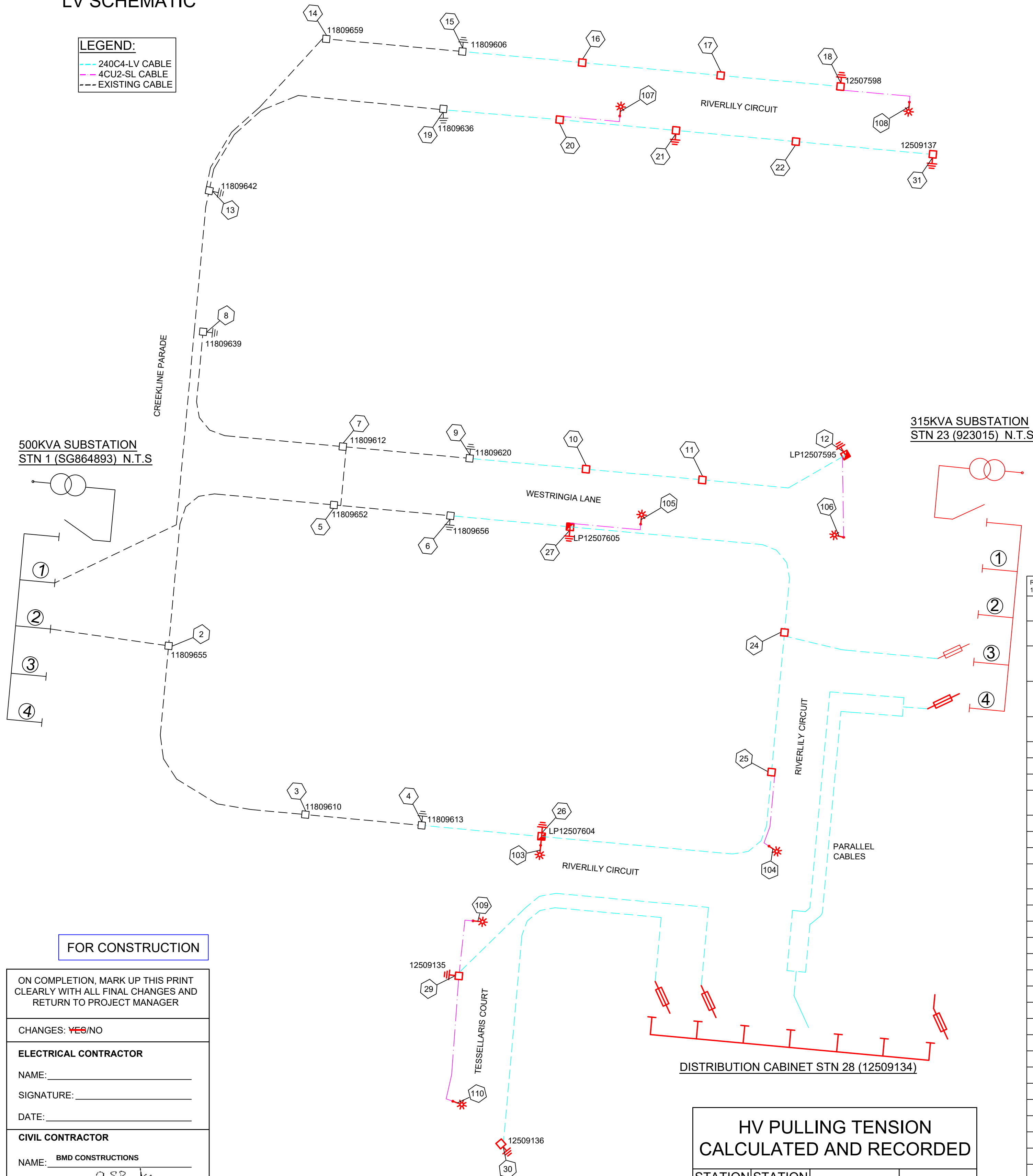
Rev Date 20-4-23		CROSSING CONDUIT DUCTING SCHEDULE					
STN FROM	STN TO	ACTION	CONSTRUCTION CODE	LENGTH (m)	No. of LENGTHS / DRUM	BENDS (Degrees/ Radius(mm) x No.)	Remarks
12	106	INSTALL - CIVIL	C50H	17	4.3	90/300x2 90/600x1	
23	24	INSTALL - CIVIL	C100L	13	2.2	45/1200x1 45/1830x2 15/1830x2	
210	29	INSTALL - CIVIL	C100L	21	3.5	45/1830x1 45/1200x1 15/1830x2	
213	214	INSTALL - CIVIL	C125L	20	3.3	15/1830x8	REFER TO NOTE 19.
213	214	INSTALL - CIVIL	C125L	20	3.3	15/1830x8	REFER TO NOTE 19.
215	216	INSTALL - CIVIL	C125L	20	3.3	15/1830x2	
215	216	INSTALL - CIVIL	C125L	20	3.3	15/1830x2	

3. FOR STANDARD UNDERGROUND DUCT SECTIONS REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5168.
2. POLYMERIC COVER TO BE INSTALLED OVER CONDUITS OUTSIDE NORMAL ERGON ALIGNMENT AS PER ERGON DRAWING. 5022-1 AND 5124-1 & 2.
3. 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 NBNCo CONDUITS.
4. 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.
5. ALL CONDUITS SHALL BE CONTINUOUS UNLESS DETAILED OTHERWISE.
6. FOR STANDARD UDC CONSTRUCTION PRACTICES REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWINGS 5022, 5085 AND 5124.
7. INSTALLATION OF PADMOUNT SUBSTATION REQUIRED IN ROAD RESERVE ADJACENT LOT 205 STATION 23. PADMOUNT SITE IS TO BE 3.0m x 2.8m, REFER TO UNDERGROUND CONSTRUCTION MANUAL DWG 5000. REFER TO DETAIL A.
8. DEVELOPER SHALL INSTALL PLINTH AND CONCRETE SURROUND. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWINGS 5004 & 5005.
9. INSTALL PADMOUNTED SUBSTATION EARTHING - COMMON EARTH ARRANGEMENT. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5013.
10. INSTALLATION OF DISTRIBUTION CABINET REQUIRED IN ROAD RESERVE ADJACENT TO PARK LOT, STATION 28. CABINET SITE IS TO BE 850mm x 300mm. REFER TO ERGON DWG VC115120-ERG. CABINET IS TO OFFSET WEST FROM BOUNDARY 3m TO ALLOW FOR CONDUIT BENDS.
11. DEVELOPER SHALL INSTALL DISTRIBUTION CABINET FOUNDATION. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWINGS-ASSEMBLY- 534 & 535.
12. MINOR STREETLIGHTS - THE DEVELOPER SHALL SUPPLY AND INSTALL STREETLIGHT BASES. FOUNDATION DEPTH IS 1200mm FOR MINOR STREETLIGHTS. REFER TO LIGHTING CONSTRUCTION MANUAL DRAWING 1-6-4-1 & 2.
13. 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.
14. CONFIRM ALL CONDUIT AND CABLE LENGTHS PRIOR TO INSTALLATION.
15. 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.
16. 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.
17. 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.
18. WHERE NOTED ON THE DESIGN, CONCRETE COVER SHALL BE INSTALLED ABOVE CONDUIT, WHERE CONDUIT BURIAL DEPTH IS LESS THAN THAT SPECIFIED IN UNDERGROUND CONSTRUCTION MANUAL DRAWING 5163. FOR FOOTPATHS REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5016. FOR ROAD CROSSINGS REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5017.
19. WHERE NOTED ON THE DESIGN, ELECTRICAL CONDUITS SHALL BE INSTALLED UNDERNEATH STORMWATER PIPES WHERE CLASHES OCCUR. SEPARATION FROM BOTTOM OF STORMWATER PIPE TO TOP OF ERGON CONDUIT SHALL BE NO LESS THAN 300mm.
20. ADDITIONAL CONDUIT BENDS SHALL BE INSTALLED TO ACHIEVE INCREASED BURIAL DEPTH AT ROAD CROSSINGS. REFER TO UNDERGROUND CONSTRUCTION MANUAL DRAWING 5022.
21. ALL CONTRACTORS MUST CARRY OUT A DIAL BEFORE YOU DIG ENQUIRY BEFORE COMMENCING ANY EXCAVATION.
22. INSTALL PILLAR OFFSET IN ACCORDANCE WITH ERGON DRAWING 5196-2 & DETAIL B.
23. CONTRACTOR TO SUPPLY AND INSTALL ENGRAVED LABEL LOCATED ON LIGHTING TERMINAL STATING "LIGHT FED FROM PILLAR ASSET NUMBER _____".
24. **WARNING:** LIVE CABLES AND EXISTING SERVICES IN AREA. CONTRACTOR TO USE POT HOLING, HYDRO-VAC EXCAVATION AND CABLE LOCATION WHEN INSTALLING NEW INFRASTRUCTURE.
25. PILLAR STN 12 TO BE NORMALLY CLOSED IN THIS STAGE TO BE FED FROM STN 11. PILLAR TO BE OPENED IN THE FUTURE TO BE PERMANENTLY FED FROM SUBSTATION STN 23 IN FUTURE STAGE.
26. PARALLEL FEED FROM STN 23 TO 28. BOTH CABLES TO BE TERMINATED TOGETHER AT BOTH ENDS. PARALLELING KIT REQUIRED AT STN 23 & STN 28.

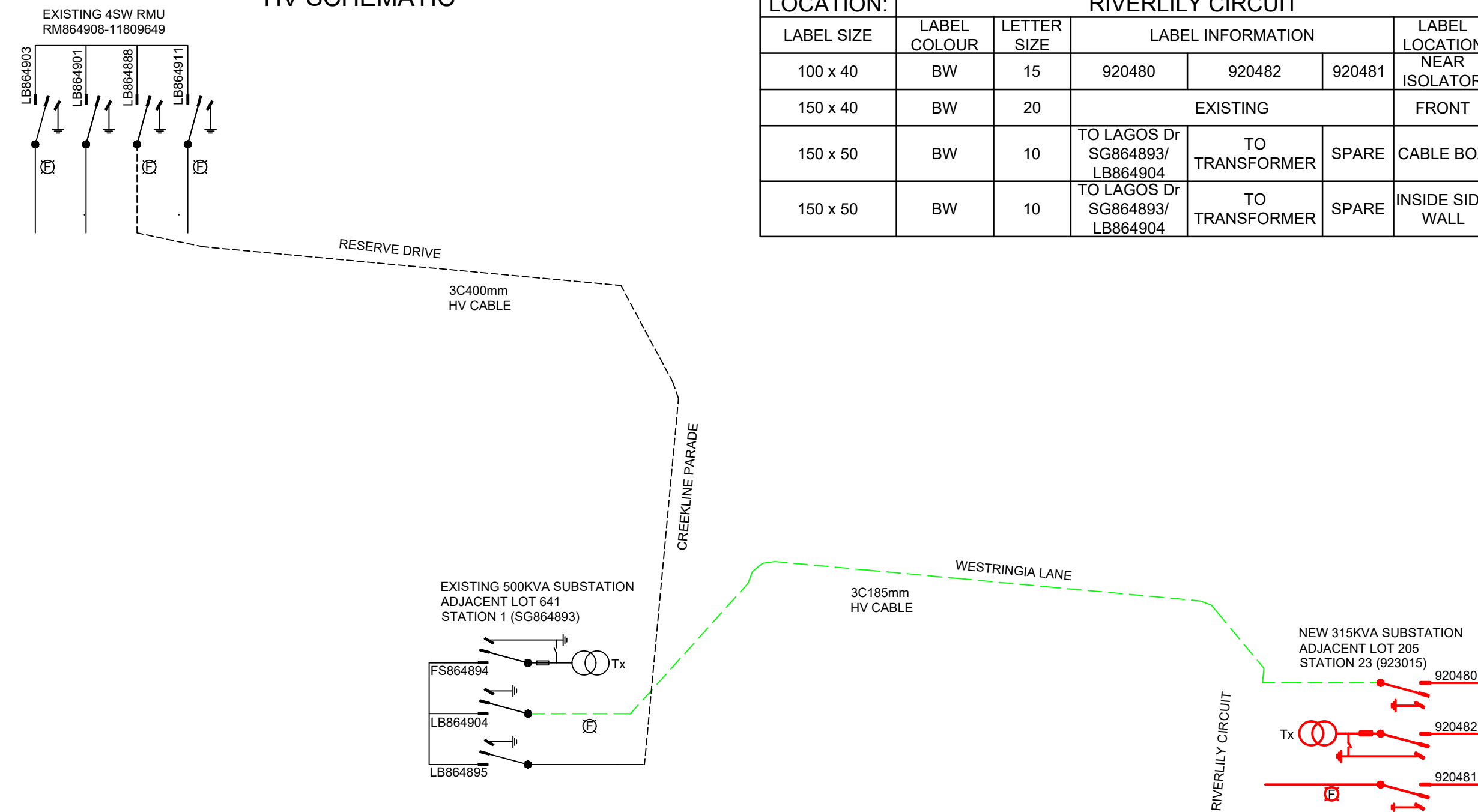
ON COMPLETION, MARK UP THIS PRINT CLEARLY WITH ALL FINAL CHANGES AND RETURN TO PROJECT MANAGER	FOR CONSTRUCTION
CHANGES: YES/NO	CIVIL CONTRACTOR
ELECTRICAL CONTRACTOR	NAME: <u>BMD CONSTRUCTIONS</u>
NAME: _____	SIGNATURE: <u><i>ASB/ke</i></u>
SIGNATURE: _____	DATE: <u>02/08/2024</u>
DATE: _____	

[illegible]

LV SCHEMATIC



HV SCHEMATIC



CONTRACTOR TO UPGRADE LABELS AS BELOW

NEW PMT HV SWBD - SWITCH FUSE CIRCUITS						
LOCATION:	RIVERLILY CIRCUIT					SS923015
LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		LABEL LOCATION	LABEL DESCRIPTION
100 x 40	BW	15	920480	920482	920481	ISOLATOR NEAR ISOLATOR IDENTIFICATION
150 x 40	BW	20	EXISTING		FRONT	FEEDER IDENTIFICATION
150 x 50	BW	10	TO LAGOS Dr SG864893/ LB864904	TO TRANSFORMER	SPPARE	CABLE BOX CABLE DESTINATION
150 x 50	BW	10	TO LAGOS Dr SG864893/ LB864904	TO TRANSFORMER	SPPARE	INSIDE SIDE WALL CABLE DESTINATION

Rev Date	UNDERGROUND CABLE SCHEDULE						
15/09/23	STN FROM	STN TO	ACTION	VOLTAGE	CONSTRUCTION CODE	ROUTE LENGTH	CABLE LENGTH
	1	23	INSTALL	11kV	11I-185T/1720	194	214
	4	26	INSTALL	415V	LVI-240C4/1611	26	30
	6	27	INSTALL	415V	LVI-240C4/1611	25	29
	9	10	INSTALL	415V	LVI-240C4/1611	25	29
	10	11	INSTALL	415V	LVI-240C4/1611	25	29
	11	12	INSTALL	415V	LVI-240C4/1611	32	36
	12	106	INSTALL	240V	LVI-4CU2NS/1671	17	22
	15	16	INSTALL	415V	LVI-240C4/1611	26	30
	16	17	INSTALL	415V	LVI-240C4/1611	30	34
	17	18	INSTALL	415V	LVI-240C4/1611	25	29
	18	108	INSTALL	240V	LVI-4CU2NS/1671	17	22
	19	20	INSTALL	415V	LVI-240C4/1611	26	30
	20	21	INSTALL	415V	LVI-240C4/1611	25	29
	20	107	INSTALL	240V	LVI-4CU2NS/1671	16	21
	21	22	INSTALL	415V	LVI-240C4/1611	25	29
	22	31	INSTALL	415V	LVI-240C4/1611	25	29
	23	24	INSTALL	415V	LVI-240C4/1611	13	25
	23	28	INSTALL	415V	LVI-240C4/1611	61	74
	23	28	INSTALL	415V	LVI-240C4/1611	61	74
	24	25	INSTALL	415V	LVI-240C4/1611	30	34
	24	27	INSTALL	415V	LVI-240C4/1611	63	67
	25	26	INSTALL	415V	LVI-240C4/1611	63	67
	25	104	INSTALL	240V	LVI-4CU2NS/1671	18	23
	26	103	INSTALL	240V	LVI-4CU2NS/1671	5	10
	27	105	INSTALL	240V	LVI-4CU2NS/1671	18	23
	28	29	INSTALL	415V	LVI-240C4/1611	81	86
	28	30	INSTALL	415V	LVI-240C4/1611	109	114
	29	109	INSTALL	240V	LVI-4CU2NS/1671	14	19
	29	110	INSTALL	240V	LVI-4CU2NS/1671	29	34

NEW DISTRIBUTION CABINET						
LOCATION:	RIVERLILY CIRCUIT					DC12509134
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		
MAIN ISOLATOR	80 x35	WB	6	TO RIVERLILY Cct SS923015 DIRECT		
1	80 x35	WB	5	SPARE		
2	80 x35	WB	5	SPARE		
3	80 x35	WB	5	TO TESSELLARIS Crt NP12509135 DIRECT		
4	80 x35	WB	5	TO TESSELLARIS Crt NP12509136 DIRECT		

PMT SWBD- SWITCH FUSE CIRCUITS						
LOCATION:	RIVERLILY CIRCUIT					SS923015
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		
TMFR ISOLATOR	80 x35	WB	6	TO RIVERLILY Cct SS923015 DIRECT		
1	80 x35	WB	5	SPARE		
2	80 x35	WB	5	SPARE		
3	80 x35	WB	5	TO RIVERLILY Cct 12507603 DIRECT/ LP12507606/ WESTRINGIA Ln LP12507606 & SERVICES		
4	80 x35	WB	5	TO RIVERLILY Cct DC12509134 DIRECT		

NEW STYLE LINK PILLAR						
LOCATION:	WESTRINGIA LANE					STATION: 12 LP12507595
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		
1 (LHS)	150 x 50	WB	5	TO CREEKLINE PARADE SG864893/ 118096039/ WESTRINGIA Ln LP12507606/ RIVERLILY Cct LP12507605 & SERVICES		
2 (RHS)	150 x 50	WB	5	SPARE FOR FUTURE CONNECTION (N/O)		

NEW STYLE LINK PILLAR						
LOCATION:	WESTRINGIA LANE					STATION: 27 LP12507606
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		
1 (LHS)	150 x 50	WB	5	TO RIVERLILY Cct LP12507605/ SS923015 & SERVICES		
2 (RHS)	150 x 50	WB	5	TO WESTRINGIA Ln LP12507595/ CREEKLINE PARADE 11809639/ SG864893/ RIVERLILY Cct LP12507605 & SERVICES		

NEW STYLE LINK PILLAR						
LOCATION:	RIVERLILY CIRCUIT					STATION: 26 LP12507605
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION		
1 (LHS)	150 x 50	WB	5	TO CREEKLINE PARADE SG864893/ 11809639/ WESTRINGIA Ln LP12507606/ LP12507595 & SERVICES		
2 (RHS)	150 x 50	WB	5	TO WESTRINGIA Ln LP12507606/ RIVERLILY Cct SS923015 & SERVICES		



Code	Date	Description	Revised	Code	Date	Description	Revised
B	6/2/24	UPDATE STAGE BOUNDARY	SW				
A	20/1/23	FOR CONSTRUCTION	SW				

CLIENT: URBEX PTY LTD
PO BOX 6008, TOWNSVILLE, QLD 4810 Ph. 07 4750 7000 Fax
CIVIL ENGINEER Empower Engineers & Project Managers (Townsville)
PO BOX 6008, TOWNSVILLE, QLD 4810 Ph. 07 4750 7007 Fax



Tel: (07) 4032 3311 Fax: (07) 4032 5633
PO Box 664 North Cairns QLD 4870
Email Address - admin@spaconsulting.com.au
A business unit of SPA Consulting Engineers (Qld) Pty Ltd a.s.n. 97 010 844 418

LEGEND	
+++	ZERO LOT BOUNDARY
---	CABLE EXISTING
---	CABLE PLANNED
---	CABLE RECOVER
---	EQUIPMENT EXISTING
---	EQUIPMENT RECOVER
---	EQUIPMENT PLANNED
---	35mm sq ANNEALED BARE COPPER EARTH

---	CABLE EXISTING
---	CABLE PLANNED
---	CABLE RECOVER
---	EQUIPMENT EXISTING
---	EQUIPMENT RECOVER
---	EQUIPMENT PLANNED
---	35mm sq ANNEALED BARE COPPER EARTH

---	CABLE EXISTING
---	CABLE PLANNED
---	CABLE RECOVER
---	EQUIPMENT EXISTING
---	EQUIPMENT RECOVER
---	EQUIPMENT PLANNED
---	35mm sq ANNEALED BARE COPPER EARTH

Drawing Title	THE RESERVE STAGE 14A UDC UG ELECTRICAL RETICULATION LV & HV SCHEMATICS, CABLE SCHEDULE AND LABELLING TABLES
Project Description	THE RESERVE (KALYNDIA CHASE), BOHLE PLAINS

Date	OCTOBER 2022
Scale	N.T.S
Drawn	SW
RPEQ Design Certification Michael Dayout 29435	
Sheet	3 OF 5
Project Number	1795945
SPA Drawing Number	3394-E03
Revision	B

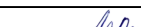
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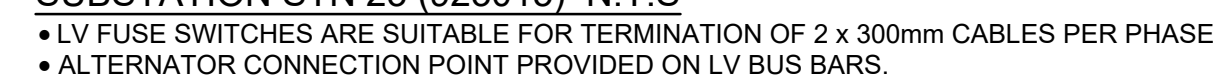
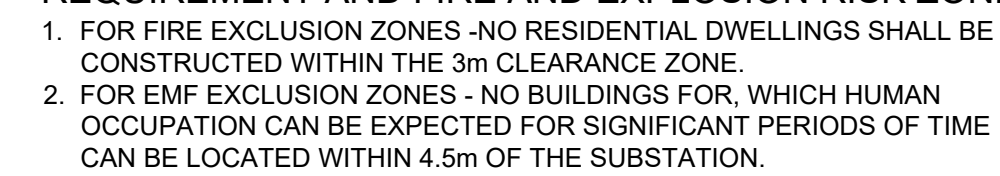
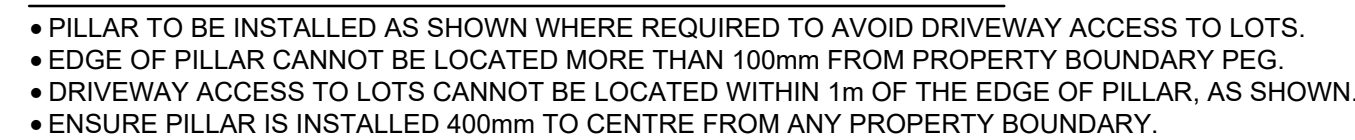
Rev Date 10/08/23	PUBLIC LIGHTING SCHEDULE						
STN NO	SITE LABEL	ACTION	CONSTRUCTION CODE	RATE	TARIFF OWNER	MOUNTING HEIGHT (m)	REMARKS
100	11809646	EXISTING					
101	11809650	EXISTING					
102	11809605	EXISTING					
103	12507607	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	
104	12507608	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	
105	12507609	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	
106	12507610	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	
107	12507611	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	
108	12507612	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	
109	12509138	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	
110	12509139	INSTALL	SLED SY 0137 N	RATE 2	TCC	7.5	

FOR CONSTRUCTION	
ON COMPLETION, MARK UP THIS PRINT CLEARLY WITH ALL FINAL CHANGES AND RETURN TO PROJECT MANAGER	
CHANGES: YES NO	
ELECTRICAL CONTRACTOR	
NAME: _____	
SIGNATURE: _____	
DATE: _____	
CIVIL CONTRACTOR	
NAME: BMD CONSTRUCTIONS	
SIGNATURE: <i>ASBwke</i>	
DATE: 02/08/2024	



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

Drawing Title	Date	OCTOBER 2022	
THE RESERVE STAGE 14A UDC UO ELECTRICAL RETICULATION LIGHTING & CONSTRUCTION SCHEDULES	Scale	N.T.S	
	Drawn	SW	
	RPEQ Design Certification Michael Dayout 29435		
	Sheet	4 OF 5	
Project Description	ERGN Project Number	SPA Drawing Number	Revision
THE RESERVE (KALYNDIA CHASE), BOHLE PLAINS	1795945	3394-E04	B



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