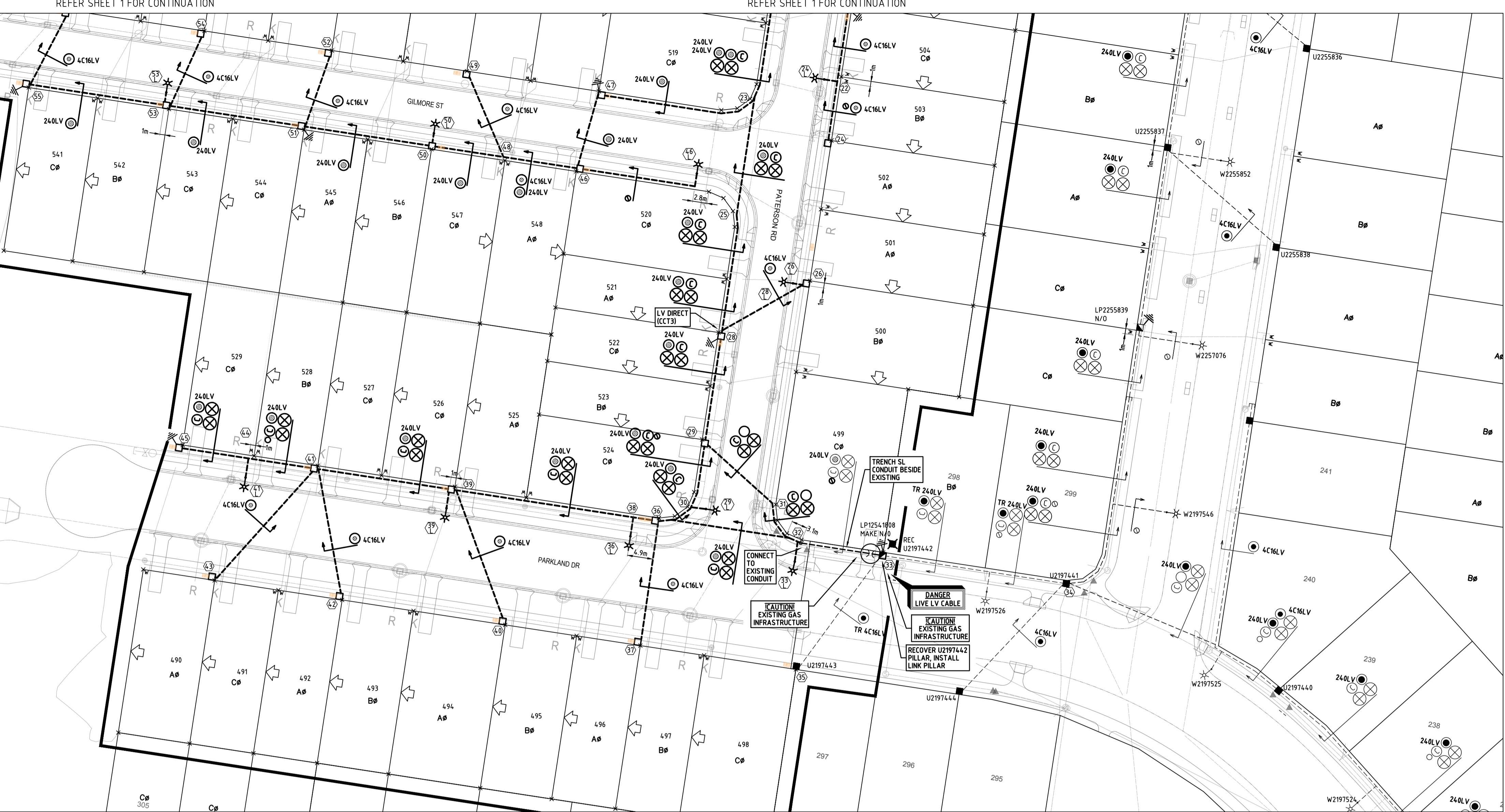


!WARNING!
FIRE ANT TERRITORY

THIS IS WITHIN A RED IMPORTED FIRE ANT
SECURITY ZONE. CALL 132523 FOR FURTHER
INFORMATION.

CONSTRUCTION ISSUE

COMBINED RATE 3 & ENERGEX URD CIVIL WORKS SCHEDULE (ROAD CROSSINGS)																										
LOCATION	STATIONS FROM-TO	CONDUIT LENGTH (m)								BENDS (<°/No)								X-SECTION (m)			DRAW WIRE	KERB MARK	REMARKS			
		RATE 3		ENERGEX URD						40		No		100C		No		100		No		125		No		
		50	No	50	No	100C	No	100	No	125	No	40	No	100C	No	100	No	125	No	EXCAV/ TAPE	COVER STRIP	TRENCH DETAIL				
PATERSON RD	6 - 9					20	1	20	1	20	2									20	L	80	2			
	20 - 21							20	1											20	D	20	2			
	26 - 28							25	1											25	D	25	2			
	29 - 31					20	1	20	1	20	2									20	L	80	2			
	32 - 36					30	1	30	1	30	2									30	L	120	2			
PARKLAND DR	36 - 37							30	1											30	D	30	2			
	39 - 40							30	1											30	D	30	2			
	41 - 42							30	1											30	D	30	2			
	41 - 43							30	1											30	D	30	2			
GILMORE ST	23 - 25					30	1	30	1	30	2									30	L	120	2			
	46 - 47							20	1											20	D	20	2			
	48 - 49							20	1											20	D	20	2			
	51 - 52							20	1											20	D	20	2			
	53 - 54							20	1											20	D	20	2			
	55 - 56							20	1											20	D	20	2			
DAVIS WAY	15 - 17					25	1	25	2	25	2									25	N	125	2			
	58 - 60							25	2											25	E	50	2			
	61 - 62							20	1											20	D	20	2			
	63 - 64							20	1											20	D	20	2			
	66 - 67							25	1											25	D	25	2			
	68 - 69							20	1											20	D	20	2			
TOTALS						125		550		250										500		925	42			



COMBINED RATE 3 & ENERGEX URD CIVIL WORKS SCHEDULE (ALONG FOOTPATHS)																									
LOCATION	STATIONS FROM-TO	CONDUIT LENGTH (m)								BENDS (<°/No)								X-SECTION (m)			DRAW WIRE	KERB MARK	REMARKS		
		RATE 3		ENERGEX URD						40		80		100C		100		125		EXCAV/ TAPE	COVER STRIP	TRENCH DETAIL			
		50	No	50	No	100C	No	100	No	125	No	40	No	100C	No	100	No	125	No	EXCAV/ TAPE	COVER STRIP	TRENCH DETAIL			
PATH WAY	2 - 4					85	1			85	2									85		SP1	255		INSTALL ALONG EXISTING TRENCH
PATTERSON RD	4 - 5					10	1	10	1	10	2									10		SP2	40		INSTALL ALONG EXISTING TRENCH
	5 - 6					10	1			10	2									10		SP1	30		INSTALL ALONG EXISTING TRENCH
	10 - 15					25	1	25	4	25	2									25		R3-SP4	175		
	12 - 13	15	1					15	1											15		R3-D	30		
	17 - 23					60	1	60	2	60	2									60		N	300		
	18 - 22							40	1											40		D	40		
	22 - 24							10	1											10		D	10		
	25 - 29					45	1	45	1	45	2									45		L	180		
	29 - 30	10	1			10	1	10	1	10	2									10		R3-L	50		
	30 - 36					15	1	15	1	15	2									15		L	60		
	4 - 4L	5	1																	5		R3-O	5		
	12 - 13L	5	1																	5		R3-O	5		
	18 - 18L	5	1																	5		R3-O	5		
	22 - 24L	5	1																	5		R3-O	5		
	26 - 26L	5	1																	5		R3-O	5		
	30 - 29L	5	1																	5		R3-O	5		
PARKLAND DR	31 - 32					10	1	10	1	10	2									10		L	40		
	32 - 33	20	1																	20		R3-SP6	20		INSTALL ALONG EXISTING TRENCH
	36 - 38	5	1			5	1	5	1	5	2									5		R3-L	25		
	38 - 41					65	1	65	1	65	2									65		L	260		
	41 - 44	15	1			15	1	15	1	15	2									15		R3-L	75		
	44 - 45					15	1	15	1	15	2									15		L	60		
	32 - 33L	5	1																	5		R3-O	5		
	38 - 36L	5	1																	5		R3-O	5		
	39 - 39L	5	1																	5		R3-O	5		
	44 - 41L	5	1																	5		R3-O	5		
GILMORE ST	23 - 47	35	1					35	1											35		R3-D	70		
	46 - 48							20	2											20		E	40		
	48 - 55					95	1													95		D	95		
	46 - 46L	30	1																	25	5	R3-O	30		
	50 - 50L	5	1																	5		R3-O	5		
	53 - 53L	5	1																	5		R3-O	5		
DAVIS WAY	15 - 16							10	2											10		E	20		
	16 - 58							15	3											15		SP7	45		
	58 - 59							15	1											15		D	15		
	60 - 67					90	2													90		E	180		
	67 - 68					15	3													15		SP7	45		
	68 - 70					15	2													15		E	30		
	60 - 60L	25	1																	20	5	R3-O	25		
	61 - 61L	5	1																	5		R3-O	5		
	65 - 65L	5	1																	5		R3-O	5		
TOTALS			225			370		980		740										810	80		2315		

AS CONSTRUCTED

DATE: 01/12/2023

SIGNED:

James Cornford

For more information about the study, please contact Dr. John Smith at (555) 123-4567 or via email at john.smith@researchinstitute.org.

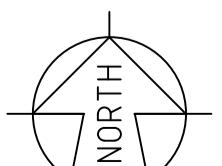
DATE	12.05.23	02.06.23	18.08.23	
DESCRIPTION	ISSUED FOR ENERGEX & COUNCIL ACCEPTANCE ONLY. NOT FOR CONSTRUCTION.	ISSUED FOR CONSTRUCTION	REISSUED FOR CONSTRUCTION	





CONSULTING ENGINEERS

STREET ADDRESS U14, 39 Lawrence Dr, Nerang QLD 4211
POSTAL ADDRESS PO Box 2835, Nerang DC QLD 4211
TELEPHONE (07) 5596 1425
EMAIL mail@pece.com.au
WEB petereustace.com.au



22-0186-02

SITE CONTACT DETAILS		COUNCIL STANDARD ALIGNMENTS		WORKS COORDINATOR	PETER EUSTACE & ASSOCIATES	APPROVED	KRIS BOVINIS	Peter Eustace & Associates	WORKSPLAN VERSION 5.5	
NAME		Energex OH	REFER OHDM	PARENT PROJECT NO.					SCALE: 1:500@A1	
TBC		Energex UG	REFER UDC	WORK REQUEST NO.		CHECKED	AARON PRUSS	INSTALL PMT, HV & LV CONDUIT, CABLE & PILLARS		
COMPANY		NBN	REFER NBN			DESIGNER	ABRAHAM IKORO (07) 5596 1425	PROJECT / SUB PROJECT NO. S1301907		
-		GAS	REFER GAS	LOTS	LOT 490-529 , 541-548, 549-557,566-583	PHONE			75 LOT SUBDIVISION DAWN STAGE 6C 1-2 PARKLAND DRIVE, WALLOON 4306	
PHONE	-	HP GAS	REFER GAS			PLANNER	ANTHONY JOWETT (07) 5596 1425			
MOBILE	-	WATER	REFER CIVIL	CANCELLING LOTS	PART LOT 1 on SP332695	PHONE				
FAX	-	STORMWATER	REFER CIVIL	LOCAL AUTHORITY	IPSWICH CITY COUNCIL	ISSUE DATE	18 AUGUST 2023			
		SEWERAGE	REFER CIVIL	UBD REF						

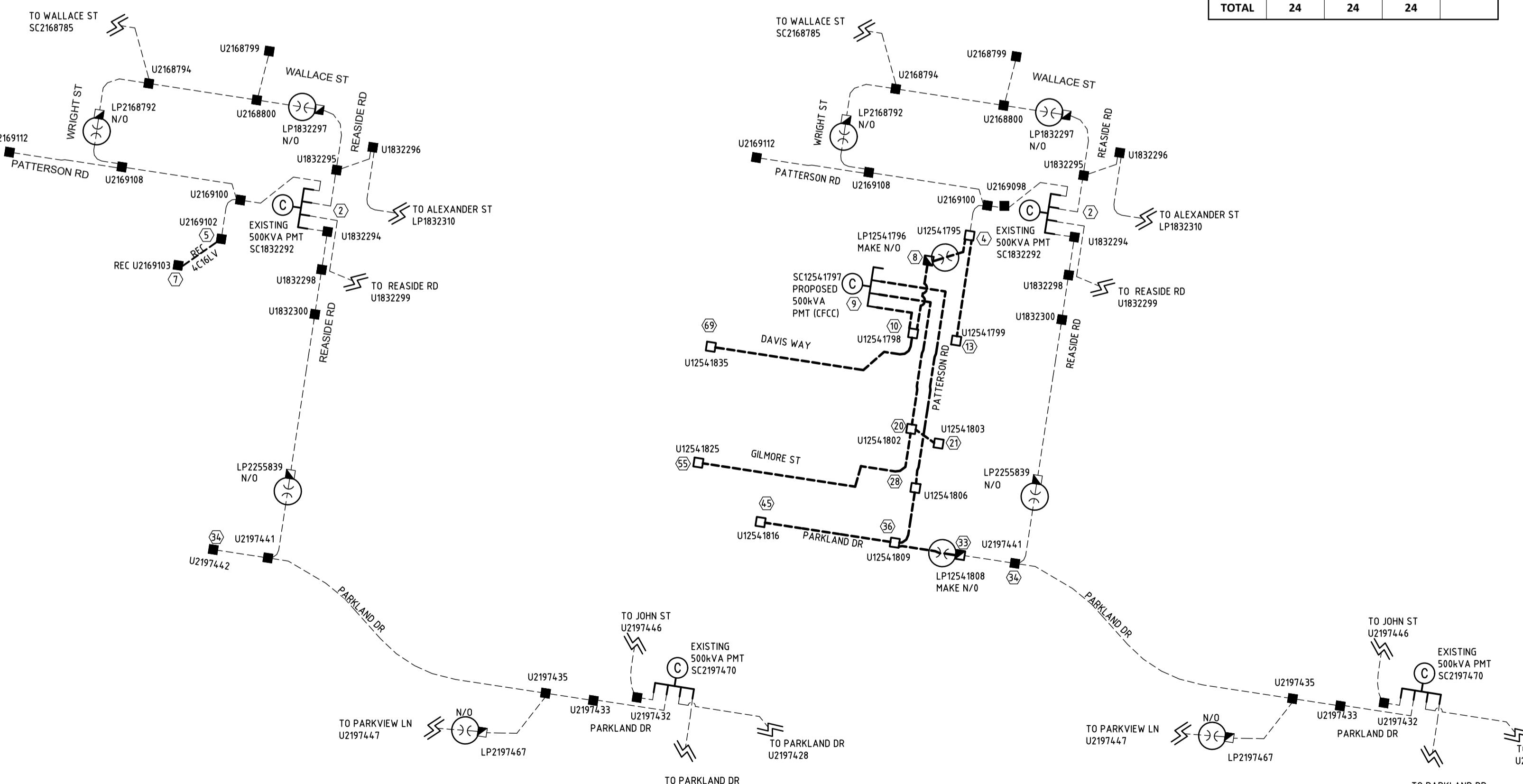
UNDERGROUND CABLE SCHEDULE												
LOCATION	STATIONS FROM-TO	VOLTS	EXIST	TRF	REC	INSTALL	CABLE SIZE/TYPE	MODEL ID	ROUTE LENGTH (m)	CABLE LENGTH (m)	LCC	REMARKS
PATTERSON RD	1 - 9	11kV				*	240mm ³ 3 x 1C AI XLPE TRIPLEX	11AT240XSH	122	125		
	2 - 9					*	240mm ³ 3 x 1C AI XLPE TRIPLEX	11AT240XSH	122	125		
	3 - 4	LV	*			*	240mm ³ 4C AI XLPE	LVA4240XPV	7	10		
	4 - 5	LV	*			*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	4 - 8	LV	*			*	240mm ³ 4C AI XLPE	LVA4240XPV	17	20		
	5 - 7	LV	*			*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	4 - 11	LV	*			*	240mm ³ 4C AI XLPE	LVA4240XPV	7	10		
	8 - 10	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	2	5		
	9 - 10	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	32	35		
	10 - 16	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	27	30		
	11 - 13	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	82	85		
	9 - 20	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	17	20		
	20 - 21	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	27	30		
	18 - 21	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	62	65		
	21 - 24	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	157	160		
	9 - 28	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	22	25		
	26 - 28	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	27	30		
	28 - 29	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	22	25		
	29 - 36	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	22	25		
PARKLAND DR	33 - 36	LV	*			*	240mm ³ 4C AI XLPE	LVA4240XPV	47	50		
	33 - 35	LV	*			*	16mm ² 4C Cu XLPE	LVC416XPV	32	35		
	33 - 34	LV	*			*	240mm ³ 4C AI XLPE	LVA4240XPV	42	45		
	36 - 37	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	39 - 40	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	27	30		
	39 - 41	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	41 - 42	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	27	30		
	41 - 43	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	41 - 45	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
GILMORE ST	46 - 47	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	17	20		
	46 - 49	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	32	35		
	46 - 50	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	32	35		
	50 - 51	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	51 - 52	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	17	20		
	51 - 53	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	53 - 54	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	17	20		
	53 - 55	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	32	35		
	55 - 56	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	17	20		
DAVIS WAY	16 - 59	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	22	25		
	16 - 60	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	32	35		
	60 - 61	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	61 - 62	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	17	20		
	61 - 63	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	63 - 64	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	27	30		
	63 - 65	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
	65 - 68	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	32	35		
	66 - 68	LV				*	16mm ² 4C Cu XLPE	LVC416XPV	17	20		
	68 - 69	LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	27	30		
TOTALS		11kV				*	240mm ³ 3 x 1C AI XLPE TRIPLEX	11AT240XSH	250			
		LV				*	240mm ³ 4C AI XLPE	LVA4240XPV	950			
		LV				*	16mm ² 4C Cu XLPE	LVC416XPV	450			

PMT LV SWBD - SWITCH FUSE CIRCUITS					
LOCATION:	STATION: SC2197470				
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION	
1	80 x 35	WB	6	EXISTING	
2	80 x 35	WB	5	TO PARKLAND DR DR U2197433 (DIRECT) / PARKLAND DR LP2197467 / REASIDE RD LP2255839 / PARKLAND DR LP12541808 & SERVICES	
3	80 x 35	WB	5	EXISTING	
4	80 x 35	WB	5	EXISTING	
MATERIAL: GRAVOPLY II (1.5mm) or similar					

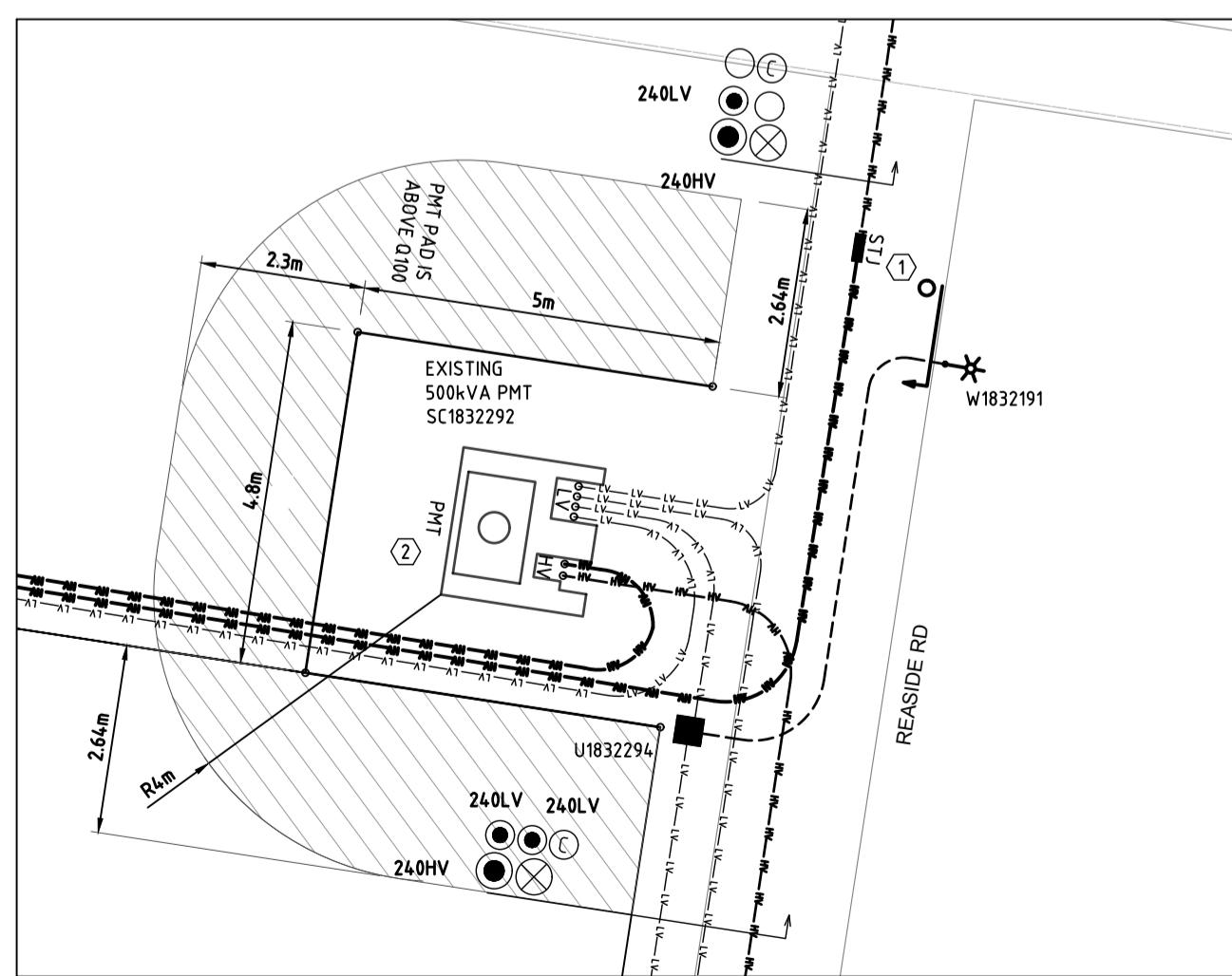
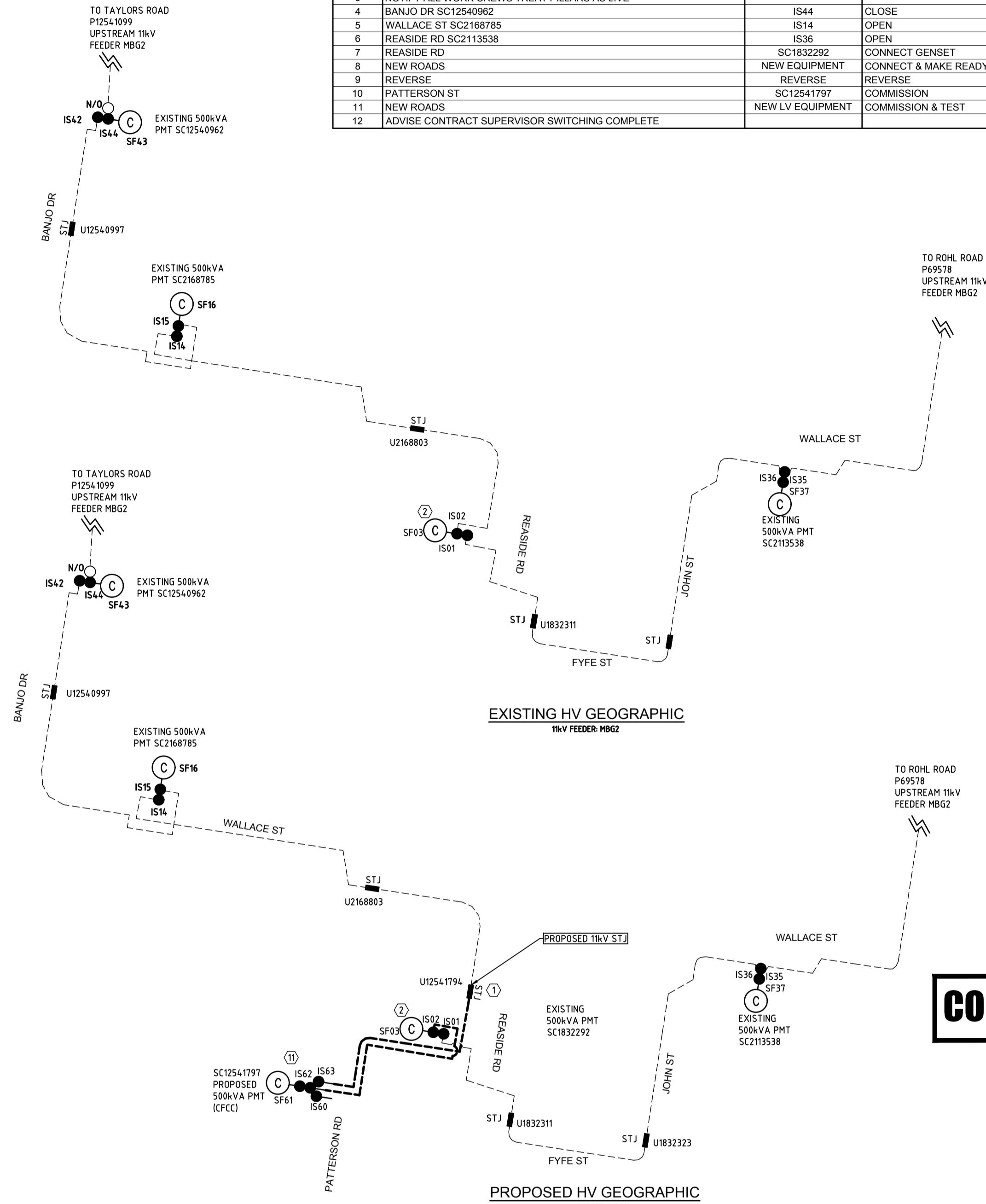
PMT LV SWBD - SWITCH FUSE CIRCUITS					
LOCATION:	STATION: SC1832292				
CIRCUIT No.	LABEL SIZE	LABEL COLOUR	LETTER SIZE	LABEL INFORMATION	
1	80 x 35	WB	6	EXISTING	
2	80 x 35	WB	5	EXISTING	
3	80 x 35	WB	5	EXISTING	
4	80 x 35	WB	5	EXISTING	
MATERIAL: GRAVOPLY II (1.5mm) or similar					

!WARNING!
FIRE ANT TERRITORY
THIS SITE IS WITHIN A RED IMPORTED FIRE ANT BIOSECURITY ZONE. CALL 132523 FOR FURTHER INFORMATION.

PROPOSED SC12541797 PHASING BALANCE			
	A	B	C
CCT1	8	8	7
CCT2	9	9	9
CCT3	7	7	8
CCT4			0
TOTAL	24	24	24



PROPOSED COMMISSIONING SCHEDULE			
TENTATIVE ONLY SUBJECT TO AMENDMENT BY SWITCHING CO-ORDINATOR			
ITEM NO	LOCATION	APPARATUS	ACTION
	COMMISSION NEW PMT - LV AND HV SWITCHING		
1	ADVISE CONTRACT SUPERVISOR SWITCHING TO COMMENCE		
2	RECEIVE CLEARANCE FROM WORK CREWS ALL WORK COMPLETED		
3	NOTIFY ALL WORK CREWS TREAT PILLARS AS LIVE		
4	BANJO DR SC12540962	IS44	CLOSE
5	WALLACE ST SC2168785	IS14	OPEN
6	REASIDE RD SC2113538	IS36	OPEN
7	REASIDE RD	SC1832292	CONNECT GENSET
8	NEW ROADS	NEW EQUIPMENT	CONNECT & MAKE READY
9	REVERSE	REVERSE	REVERSE
10	PATTERSON ST	SC12541797	COMMISSION
11	NEW ROADS	NEW LV EQUIPMENT	COMMISSION & TEST
12	ADVISE CONTRACT SUPERVISOR SWITCHING COMPLETE		



EXISTING PADMOUNT TRANSFORMER SC183229

SCALE: 1:100@A1