_	1 2	3		4	5	6	7	8	9		10		
TABLE 1 - MINIMUM SEPARATION REQUIREMENTS					TABLE 1 NOTES:								
ĺ	FROM ANY PART OF: TO NEAREST PA		T PART TO:	PART TO: MIN SEPARATION (mm)		1. (H) – MINIMUM HORIZONTAL CLEARANCE, (V) MINIMUM VERTICAL CLEARANCE AT CROSS OVER POINTS FOR DIRECT BURIED (							
t		BUILDING	OBJECTS		7500 (NOTE 6)		M VERTICAL CLEARANCE CAN BE REDUCED TO 200MM (FOR HV) AND 150MM (FOR LV) FOR CABLE/S IN CONDUIT.						
	PADMOUNT SUBSTATION /	PROPERTY BOUNDARY			1500	1.1. NO HV/LV CABLES OR EQUIPMENT ARE TO BE INSTALLED WITHIN A SEWER "TIE" PROTECTION EN				ION ENVELOP	PE. REFER TO ICON		
	SWITCHING STATION	ABOVE GROUND OBJECTS			1500 (NOTE 5)		WATER DOCUMENT, "BUILDING REQUIREMENTS FOR ICON WATER APPROVAL".						
	SEE NOTES 4, 5, 6,	DRIVEWAYS & ROADS			1500								
		COMMS CABLES, GAS &WATER	AS &WATER PIPES, SEWER LINES		1500 (NOTE 5)		R GREATER THAN 300mm MUST						
ſ		BUILDINGS & STRUCTURES			1200 (300-NOTE 2, 6.1)		1.3. HORIZONTAL SEPARATION BETWEEN AN EVOENERGY CABLE(S) AND A SEWER OR STORM WATER MANHOLE, WATER METER PIT, WATER THRUST, VALVE OR HYDRANT SHOULD BE AT LEAST 1.0m (MEASURED FROM NEAREST POINT OF THE THIRD						
Ĺ		PROPERTY BOUNDARY	NDARY		50	1 I	· · · · · · · · · · · · · · · · · · ·						
ĺ	PILLAR	ROADS			1200			•					
ĺ	TIELTIN	FOOTPATH			NOTE 10		WATER OR SEWER PIPE.		IN CONSIDERATION	TO AN LVOL	NENGT CADLE & A		
		DRIVEWAYS	UL TREES		1200 (1000- NOTE 2)		2. EXCLUDING THE FRONT SIDE OF ASSET- MINIMUM CLEARANCE MAYBE REDUCED TO THE FIGURE			STATED ON (	ONE SIDE ONLY		
		SHRUBS AND SMALL TREES			1200 (500- NOTE 2)		3. NO STRUCTURES OR SERVICES ARE PERMITTED WITHIN 750mm OF THE VERTICAL PROJECTION OF ANY 132KV CABLES. FOR						
		TREES THAT CAN GROW >3 M BUILDINGS & STRUCTURES			1500 1000		FURTHER DETAILS REFER TO EVOENERGY DOCUMENT "PO0718-A GUIDE TO WORKING WITHIN TRANSMISSION LINE RES						
		PROPERTY BOUNDARY / FOOT	DATH / DDIVEWAY		1000 40 (NOTE 14)	4. THE PADMOUNT SUBSTATION & SWITCHING STATION SITING CHECKLIST MUST BE COMP							
	SERVICE PIT	ROAD	FAIII / DRIVEWAT		1200				N & SWITCHING STATION SITING GUIDE".				
	SERVICE I II	SHRUBS			1200		TION CLEARANCES QUOTED DO N				•		
r		WATER PIPES			500 (H) 300 (V) (NOTE 1)		ATION MUST HAVE A SITE SPECI		CORDANCE WITH E	VUENERGY D	UCUMEN [		
		SEWER PIPE LINES & STORMWA	ATER PIPE LINES		600 (H), 300 (V) ( NOTE 1)		BUTION EARTHING DESIGN AND C						
		COMMUNICATIONS CABLES			300		6. THIS DISTANCE MAY BE REDUCED IN ACCORDANCE WITH BOTH: 6.1. THE NATIONAL CONSTRUCTION CODE OF AUSTRALIA IN CONSIDERATION TO THE EVOENERGY AS:				ING A FIRE COLIDA		
	HV CABLES (1kV $<$ U $\le$ 22kV)	GAS PIPES		IN	ACCORDANCE TO PO06135 (NOTE 1	3\I I	PPROPRIATE FRLS TO THE BUILD				אטטכ אוווב אטטלל.		
		HV CABLES (22kV < U ≤ 132kV)			750 (NOTE 3)		STATIONS AND HIGH VOLTAGE			•			
		EDGE OF INGROUND SWIMMING	POOLS OR SPAS		3500		ENTRE TO CENTRE SEPARATION		· ·				
L		HV CABLES (1kV < U ≤ 22kV)			250 CENTRE TO CENTRE (NOTE 7)		RVICE THE BUILDING OR STRUCT				Γ.		
		WATER PIPES			500 (H) 275(V) (NOTE 1)		9. REQUIREMENT MAYBE REDUCED (THROUGH RISK ANALYSIS), TO ENSURE ENOUGH SEPARATION FOR ASSET MAINTENANCE						
	LV CABLES (≤1kV)	SEWER PIPE LINES & STORMW			600 (H), 150(V) (NOTE 1)	REPLACEMENT.	REPLACEMENT.  10. SEPARATION REQUIREMENTS ARE OUTLINED IN TCCS DOCUMENT "DESIGN STANDARDS FOR URBAN INFRASTRUC						
	SERVICE MAINS	COMMUNICATIONS CABLES			150				ANDARDS FOR URB	AN INFRASTF	RUCTURE" AND TO		
ĺ	CABLE PITS SERVICE PITS	GAS PIPES	DOOLS OD SDAG	ļin	ACCORDANCE TO PO06135 (NOTE 1		WING "DS4-04, FOOTPATHS SE		TDENCHES DUMBUS	. IVI D Y D Y 1 1 2	TO THE DOAD		
ĺ	SERVICE 1113	EDGE OF INGROUND SWIMMING  HV CABLES (1kV < U < 22kV)	FUULS UK SPAS		REFERENCE DRAWING 3832-020 250 CENTRE TO CENTRE (NOTE 7)		ARE HORIZONTAL CLEARANCE R			I IN PAKALLE	L TO THE RUAD.		
1		LV CABLES (1kV < U \le 22kV)	$VA \times O \geq V VA A$		50 PHYSICAL SEPARATION	11.1. ANY VARIATION TO MINIMUM CLEARANCE MUST BE APPROVED BY ROADS ACT.  11.2. SEPARATION REQUIREMENT IS MEASURED FROM THE OUTER MOST EDGE OF THE FORMED KERB (GUTTER) OR ROAD SURFA							
t	LV & HV CABLES (NOT COVERED	PROPERTY BOUNDARY		+ ;	300- OR AS PER DESIGN VARIATION	<b></b>	IED KERBS ARE NOT INSTALLED				I, OK NOAD SONI /		
ĺ	BY SHARED TRENCH)	BUILDINGS & STRUCTURES			1200 (H) (NOTE 8, 9)	<b></b> : I	JST BE MINIMUM OF 1500mm FRO			EWER MAINS.	ALSO VERIFY TH		
1		ROAD (SPEED LIMIT < 60 km/hr			300 (H) (NOTE 11)	REQUIREMENT WIT	REQUIREMENT WITH THE RESPECTIVE UTILITIES AND REFER P00793 CIVIL WORKS FIELD MANUAL FOR NO DIG ZONE.						
ŀ	EVOENERGY ASSET, TRENCH OR CABLE	ROAD (SPEED LIMIT > 60 km/hr ROCK ANCHOR OR SOIL NAIL			1500 (H) (NOTE 11) 1500		13. REFER TO EVOENERGY DOCUMENT PO06135 – SAFE WORK AROUND OR NEAR THE ACT GAS NETWORK.						
	EVOLUENCE ASSET, THENCH ON CASEE	ROCK ANCHOR OR SOIL MAIL			1300	14. PITS MAY ONLY B	E ADJACENT TO A SINGLE DRIVI	EWAY AND MUST NOT BE IN	ISTALLED BETWEEN	N TWO DRIVE	WAYS.		
	TABLE 2 - RECO	MMENDED BURIAL DI	EPTHS FOR	UNDERGR	OUND LINES	MINIMUM	SEPARATION REQUI	REMENTS TO EVO	DENERGY EA	RTHING	ASSETS		
ſ	TYPE OF	DIRECT BURIED A				NOTES:							
	UNDERGROUND ENCLOSED IN HEAVY DUTY PIPE OR				ONDUIT		BE ASSESSED, DESIGNED AND		WITH THE EVOENE	RGY DOCUME	ENT		
1	LINE 22kV < U ≤ 132kV		MINIMUM (mm)				IBUTION EARTHING DESIGN AND		C EXPTUINC COIDC	11LV CONDI	ICTIVE DOLCC		
H			1000			I I	ASSETS INCLUDE GRADING RING: AD EARTH STAKES.	S, DEEP EAKIH ELELIKUDE	3, באג ו חוואט טאוט 5	, HKY CUNDU	OCTIVE PULES		
	TABLE 2 NOTES:						AD EARTH STAKES. ATION REQUIREMENTS FROM AN	Y CONDUCTIVE BURIED ITEM	OR CONDUCTIVE S	TRUCTURF A	BOVE THE		
r	1. MAXIMUM TRENCH DEPTH FOR INSTA	ALLATION OF CABLES IS 1.5 M	ETRES			<b></b>	Y EVOENERGY 11kV NETWORK E						
1	2. COVERAGE REQUIREMENTS FOR CAB			O ON:			TWORK SERVICES SECTION MAN						
1		- 390-002: CONDUIT INSTALLATION ROADWAYS AND DRIVEWAYS					GE EARTHING MUST BE POSITIO						
l	- 393-007: CABLE TRENCH DETAILS FOR CABLE INSTALLATIONS NOT COVERED BY SHARED TRENCH AGREEMENT					1 I	N AND CONSTRUCTION MANUAL	" AND MAINTAIN A MINIMUM	I 4m SEPARATION T	U ANY EVOE	:NERGY 11kV		
l	- 393-011: UNDERGROUND SERVICES IN A SHARED TRENCH, ELECTRICAL PIT REQUIREMENT URD WITH GAS - 393-012: UNDERGROUND SERVICES IN A SHARED TRENCH, ELECTRICAL PIT REQUIREMENT URD WITHOUT GAS					EARTHING INFRA	STRUCTURE.						
L	- 373-VIZ: UNDERGRUUND SERVICE	S IN A SHAKEU TRENCH, ELEC	.TRICAL PIT REQ	UIKEMENT URI									
	T ' WF13143' REPLACED WITH 'P006135' AND NOTE	13 ADDED-KV 12/05/2022	N. Azizi	W. Cleland	Drawn: G. Adamaitys	<sup>esigned:</sup> G. Smith	<b>evo</b> ene	ergy		ate: 2/05/2022	Sheet No:		
-	UPDATED NOTE 12 - MS	3/02/2023	N. Azizi	W. Cleland	Checked:					le:	$\dashv$		
-	V NOTE 14 ADDED; SERVICE PIT DETAILS AMENDED	22/11/2023	22/11/2023         J. Primmer         N. Azizi           11/12/2023         N. Azizi         W. Cleland		Approved:		SEPARATION AND COVER REQUIREMENTS FOR		Status: Current				
		11/12/2023			G. Astbury								
,	W SHARED TRENCH NOTE UPDATED	1	+		Project No:		CABLES AND	I PLANT		Cuile	111		
	W SHARED TRENCH NOTE UPDATED  No Revision	Date	Checked	Approved		I	CADELO ATTE	)   <u>                                  </u>	ا م ا	2020	0.40		
	No Revision  The information contained within this drawing 8			all	ACT Cadastral information supplied by t Development Directorate.	he ACT Environment & Sustainable • ACT Gov. 2018.		Z I EAN	A3	3832-	018		