



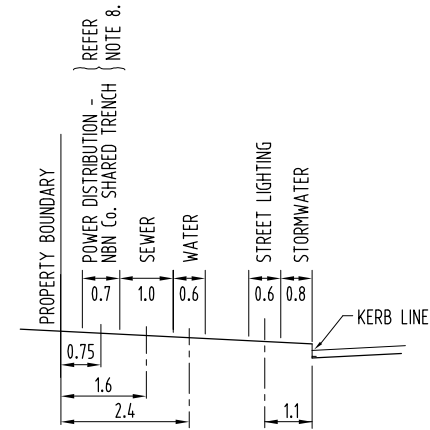
WARNING
BEWARE OF EXISTING UNDERGROUND SERVICES.
CONTRACTOR SHALL CONFIRM LOCATIONS OF SERVICES
PRIOR TO EXCAVATION. COORDINATE WITH
ALL RELEVANT AUTHORITIES.

GIFTED ASSETS

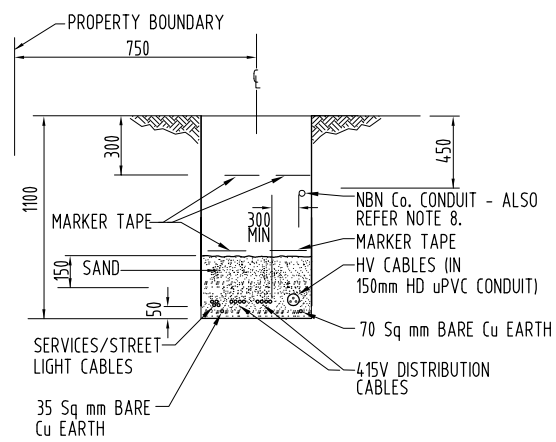
**ANTICIPATED CONSTRUCTION
COMMENCEMENT DATE
MAY 2016**



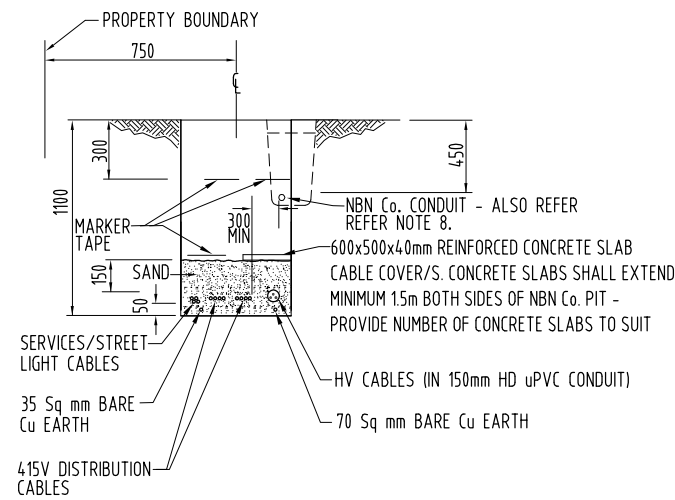
SITE PLAN (1:1000 AT A1)



**DETAIL A -
ALLOCATION FOR SERVICES** N.T.S.
NOTE: DIMENSIONS IN METRES



**DETAIL B -
TYPICAL CABLE TRENCH DETAIL** N.T.S.



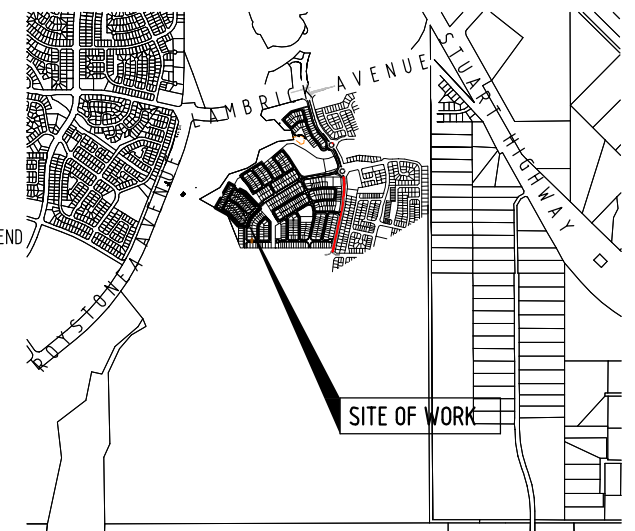
**DETAIL C -
TYPICAL CABLE TRENCH WITH NBN Co. PIT** N.T.S.

NOTES

- REFER DWG No. B15-6900 FOR DETAILS OF ITEMS LISTED IN LEGEND.
- CONTRACTOR SHALL LOCATE EXISTING EARTH CABLING IN LOCATION SHOWN, JOINT NEW 1x1C 70 Sq mm Cu, BARE EARTH CABLING & EXTEND TO AND CONNECT TO NEW SUB 3358.
- CONTRACTOR SHALL LOCATE EXISTING SAND PITS AT LOCATIONS SHOWN & INSTALL NEW HV CABLING WITHIN EXISTING SPARE 1x150mm HD uPVC CONDUIT & THEN IN NEW 1x150mm HD uPVC CONDUIT TO NEW SUB 3358.
- CONTRACTOR SHALL LEAVE SUFFICIENT LENGTH NEW HV CABLING COILED WITHIN EXISTING SAND PIT IN FRONT OF EXISTING SUB 3357 & ARRANGE FOR POWER AND WATER TO PULL NEW HV CABLING INTO EXISTING SUB 3357 HV SECTION & CONNECT/TERMINATE NEW HV CABLING TO SPARE HV SWITCH 13420.
- NEW SUB 3358 FOUNDATION SHALL BE INSTALLED AT AN APPROPRIATE LEVEL THAT IT WILL NOT BE DETRIMENTALLY AFFECTED BY RUN OFF STORMWATER.
- PRIOR TO COMMENCING WORK ON SITE, CONTRACTOR SHALL OBTAIN RELEVANT PERMITS (AND PAY ANY ASSOCIATED COSTS) & LIAISE WITH ALL RELEVANT AUTHORITIES TO ENSURE ALL EXISTING UNDERGROUND SERVICES ARE LOCATED (PRIOR TO TRENCH EXCAVATION WITHIN EXISTING ROAD RESERVE).
- HV CABLING SHALL BE RUN BELOW (DEEPER THAN STANDARD ELECTRICAL TRENCH DEPTH/COVER) SEWER AND/OR STORMWATER MAINS WITH A MINIMUM OF 300mm CLEARANCE AT CROSSOVER LOCATIONS. COORDINATE ON SITE WITH CIVIL CONTRACTOR.
- MINIMUM 300mm HORIZONTAL SEPARATION REQUIRED BETWEEN EDGE OF NBN Co. CONDUIT/S & LV CABLING. TRENCH WIDTH MAYBE EXTENDED BY 200mm TOWARDS PROPERTY BOUNDARY TO ENSURE 300mm HORIZONTAL SEPARATION PROVIDED. WHERE 300mm SEPARATION NOT PROVIDED, LV CABLING SHALL BE INSTALLED IN 100mm HD uPVC CONDUIT/STREET LIGHTING CABLING IN 80mm HD uPVC CONDUIT. ALSO REFER DETAILS B & C.

LEGEND

- PACKAGE SUBSTATION (RATING AS SHOWN). 'E' INDICATES EXISTING.
- HV CABLE - 6.35/11kV 3 x 1C 400 Sq mm Al (WATER BLOCKED), XLPE/WBT/SCN/HDPE/NJ/PVC IN 150mm HD uPVC CONDUIT & 1 x 1C 70 Sq mm Cu, BARE EARTH DIRECT BURIED. 'E' INDICATES EXISTING/'F' INDICATES FUTURE.
- HV CABLE - 6.35/11kV 3 x 1C 240 Sq mm Al (WATER BLOCKED), XLPE/WBT/SCN/HDPE/NJ/PVC IN 150mm HD uPVC CONDUIT & 1 x 1C 70 Sq mm Cu, BARE EARTH DIRECT BURIED. 'E' INDICATES EXISTING/'F' INDICATES FUTURE.
- EXISTING SAND PIT.
- EXISTING SAND PIT.



LOCALITY PLAN (N.T.S.)

DEVELOPER:
TERRITORY LIFE
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DARWIN NT 0801

PHONE: 8943 0641
FACSIMILE: 8941 0848
EMAIL: Rcook@nspm.com.au
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AGA CONSULTING ENGINEERS PTY LTD ELECTRICAL & MECHANICAL
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DARWIN NT 0801

TELEPHONE: 08 89416582
FACSIMILE: 08 89421400
EMAIL: aleky@agaeng.com.au

NO	DESCRIPTION	DRN	DATE	APPD	DRG NO	TITLE
D	DEVELOPER DETAILS AMENDED		23-10-15	A.G.	B15-6901	SINGLE LINE DIAGRAM & LEGEND
C	ISSUED FOR CONSTRUCTION		25-8-15	A.G.	B15-6899	NOTES, HV SCHEMATICS & POLE SCHEDULE
B	ISSUED FOR POWER AND WATER APPROVAL		19-8-15	A.G.	B15-6898	MASTER SERVICES PLAN
A	ISSUED FOR POWER AND WATER REVIEW		16-8-15	A.G.	B15-6897	CONDUIT/POLE LAYOUT
					B15-6896	STREET LIGHTING RETICULATION
					B15-6895	LV ELECTRICAL RETICULATION

DRAWING STATUS	APPD	DATE
P PRELIMINARY/PROPOSED		
T TENDERING PURPOSES ONLY		
AC APP. FOR CONSTRUCTION		
AI AS INSTALLED		
C CANCELLED/SUPERSEDED		

PowerWater
NORTHERN TERRITORY

DES A.GANGUR	POWER NETWORKS - PALMERSTON DISTRIBUTION
DRN K.TAVENER	SUBDIVISION OF LOT 12087
CKD A.GANGUR	ZUCCOLI SUBDIVISION - STAGE 2 : STAGE 2F
APPD	HV ELECTRICAL RETICULATION
SCALE 1:1000 AT A1	
ISSUED 23-10-15	
ALL DIM. IN mm	
DRAFTING STANDARD TO A.S.1100	
FILE No: NE590/12087	





WARNING
BEWARE OF EXISTING UNDERGROUND SERVICES.
CONTRACTOR SHALL CONFIRM LOCATIONS OF SERVICES
PRIOR TO EXCAVATION. COORDINATE WITH
ALL RELEVANT AUTHORITIES.

GIFTED ASSETS



SITE PLAN (1:1000 AT A1)




NOTES

- 1 - REFER DWG No. B15-6900 FOR DETAILS OF ITEMS LISTED IN LEGEND.
- 2 - CONTRACTOR SHALL LOCATE EXISTING EARTH CABLING IN LOCATION SHOWN, JOINT NEW 1x1C 70 Sq mm Cu, BARE EARTH CABLING & EXTEND TO AND CONNECT TO NEW DIST. PILLAR P211ZU.
- 3 - CONTRACTOR SHALL LOCATE EXISTING SAND PITS AT LOCATIONS SHOWN & INSTALL NEW LV DIST. CABLING WITHIN EXISTING SPARE 1x100mm HD uPVC CONDUIT & THEN DIRECT BURIED (EXCEPT AT ROAD CROSSINGS) TO NEW DIST. PILLAR P211ZU.
- 4 - CONTRACTOR SHALL LEAVE SUFFICIENT LENGTHS NEW LV DIST. CABLING COILED WITHIN EXISTING SAND PIT IN FRONT OF EXISTING DIST. PILLAR P108ZU & ARRANGE FOR POWER AND WATER TO PULL NEW LV DIST. CABLING THROUGH EXISTING SPARE 1x100mm SWEEP BEND INTO EXISTING DIST. PILLAR P108ZU & CONNECT/TERMINATE.
- 5 - LV CABLING SHALL BE RUN BELOW (DEEPER THAN STANDARD ELECTRICAL TRENCH DEPTH/COVER) SEWER AND/OR STORMWATER MAINS WITH A MINIMUM OF 300mm CLEARANCE AT CROSSOVER LOCATIONS. COORDINATE ON SITE WITH CIVIL CONTRACTOR.
- 6 - MINIMUM 300mm HORIZONTAL SEPARATION REQUIRED BETWEEN EDGE OF NBN Co. CONDUIT/S & LV CABLING. TRENCH WIDTH MAYBE EXTENDED BY 200mm TOWARDS PROPERTY BOUNDARY TO ENSURE 300mm HORIZONTAL SEPARATION PROVIDED. WHERE 300mm SEPARATION NOT PROVIDED, LV CABLING SHALL BE INSTALLED IN 100mm HD uPVC CONDUIT. ALSO REFER DWG No. B15-6895, DETAILS B & C.

LEGEND

- PACKAGE SUBSTATION (RATING AS SHOWN). 'E' INDICATES EXISTING.
- DISTRIBUTION DOUBLE LINK PILLAR - FUSED TYPE. 'F' INDICATES FUTURE.
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- DISTRIBUTION PILLAR - FUSED TYPE. 'E' INDICATES EXISTING/'F' INDICATES FUTURE.
- LV DISTRIBUTION CABLE - 0.6/1kV 4 x 1C 240 Sq mm AL, XLPE/NJ/PVC - CONDUIT AT ROAD CROSSING) & 1 x 1C 70 Sq mm Cu, BARE EARTH - DIRECT BURIED. 'E' INDICATES EXISTING/'F' INDICATES FUTURE.
- LV SERVICE CABLE - 0.6/1kV 2 x 1C 25 Sq mm Cu, XLPE/NJ/PVC - DIRECT BURIED (OR WITHIN CONDUIT AT ROAD CROSSING). 'E' INDICATES EXISTING.
- EXISTING SAND PIT.

PILLAR SCHEDULE		
PILLAR	630A STRIPPLE FUSE UNIT	160A STRIPPLE FUSE UNIT
P210ZU	3	2
P211ZU	3	3
P212ZU	2	2
P213ZU	2	2
P214ZU	2	3
P215ZU	3	3
P216ZU	2	3
P217ZU	3	2
P218ZU	2	3

DEVELOPER: TERRITORY LIFE GPO Box 1782 DARWIN NT 0801 PHONE: 8943 0641 FACSIMILE: 8941 0848 EMAIL: Rcook@nspm.com.au CONTACT: ROBERT COOK	 AGA CONSULTING ENGINEERS PTY LTD ELECTRICAL & MECHANICAL ACN 070 242 296 GPO BOX 3097 DARWIN NT 0801 TELEPHONE: 08 89416582 FACSIMILE: 08 89421400 EMAIL: aieky@agaeng.com.au	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>DESCRIPTION</th> <th>DRN</th> <th>DATE</th> <th>APPD</th> <th>DRG NO</th> <th>TITLE</th> </tr> <tr> <td>D</td> <td>DEVELOPER DETAILS AMENDED</td> <td></td> <td>23-10-15</td> <td>A.G.</td> <td>B15-6901</td> <td>SINGLE LINE DIAGRAM & LEGEND</td> </tr> <tr> <td>C</td> <td>ISSUED FOR CONSTRUCTION</td> <td></td> <td>25-8-15</td> <td>A.G.</td> <td>B15-6899</td> <td>NOTES, HV SCHEMATICS & POLE SCHEDULE</td> </tr> <tr> <td>B</td> <td>ISSUED FOR POWER AND WATER APPROVAL</td> <td></td> <td>19-8-15</td> <td>A.G.</td> <td>B15-6898</td> <td>MASTER SERVICES PLAN</td> </tr> <tr> <td>A</td> <td>ISSUED FOR POWER AND WATER REVIEW</td> <td></td> <td>10-8-15</td> <td>A.G.</td> <td>B15-6897</td> <td>CONDUIT/POLE LAYOUT</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td>B15-6895</td> <td>STREET LIGHTING RETICULATION</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>HV ELECTRICAL RETICULATION</td> </tr> </table>	NO	DESCRIPTION	DRN	DATE	APPD	DRG NO	TITLE	D	DEVELOPER DETAILS AMENDED		23-10-15	A.G.	B15-6901	SINGLE LINE DIAGRAM & LEGEND	C	ISSUED FOR CONSTRUCTION		25-8-15	A.G.	B15-6899	NOTES, HV SCHEMATICS & POLE SCHEDULE	B	ISSUED FOR POWER AND WATER APPROVAL		19-8-15	A.G.	B15-6898	MASTER SERVICES PLAN	A	ISSUED FOR POWER AND WATER REVIEW		10-8-15	A.G.	B15-6897	CONDUIT/POLE LAYOUT						B15-6895	STREET LIGHTING RETICULATION							HV ELECTRICAL RETICULATION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2">DRAWING STATUS</th> <th>APPD</th> <th>DATE</th> </tr> <tr> <td>P</td> <td>PRELIMINARY/PROPOSED</td> <td></td> <td></td> </tr> <tr> <td>T</td> <td>TENDERING PURPOSES ONLY</td> <td></td> <td></td> </tr> <tr> <td>AC</td> <td>APP. FOR CONSTRUCTION</td> <td></td> <td></td> </tr> <tr> <td>AI</td> <td>AS INSTALLED</td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>CANCELLED/SUPERSEDED</td> <td></td> <td></td> </tr> </table>	DRAWING STATUS		APPD	DATE	P	PRELIMINARY/PROPOSED			T	TENDERING PURPOSES ONLY			AC	APP. FOR CONSTRUCTION			AI	AS INSTALLED			C	CANCELLED/SUPERSEDED			 NORTHERN TERRITORY	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DES</td> <td>A.GANGUR</td> <td rowspan="3">POWER NETWORKS – PALMERSTON DISTRIBUTION SUBDIVISION OF LOT 12087 ZUCCOLI SUBDIVISION – STAGE 2 : STAGE 2F LV ELECTRICAL RETICULATION</td> </tr> <tr> <td>DRN</td> <td>K.TAVENER</td> </tr> <tr> <td>CKD</td> <td>A.GANGUR</td> </tr> <tr> <td>APPD</td> <td></td> <td></td> </tr> <tr> <td>SCALE</td> <td>1:1000 AT A1</td> <td></td> </tr> <tr> <td>ISSUED</td> <td>23-10-15</td> <td></td> </tr> <tr> <td>ALL DIM. IN mm</td> <td></td> <td></td> </tr> <tr> <td>DRAFTING STANDARD TO A.S.1100</td> <td></td> <td></td> </tr> </table>	DES	A.GANGUR	POWER NETWORKS – PALMERSTON DISTRIBUTION SUBDIVISION OF LOT 12087 ZUCCOLI SUBDIVISION – STAGE 2 : STAGE 2F LV ELECTRICAL RETICULATION	DRN	K.TAVENER	CKD	A.GANGUR	APPD			SCALE	1:1000 AT A1		ISSUED	23-10-15		ALL DIM. IN mm			DRAFTING STANDARD TO A.S.1100			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">A1</td> <td style="text-align: center;">DRAWING NUMBER B15-6896</td> </tr> <tr> <td colspan="2" style="text-align: center;">FILE No: NE590/12087</td> </tr> </table>	A1	DRAWING NUMBER B15-6896	FILE No: NE590/12087		
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