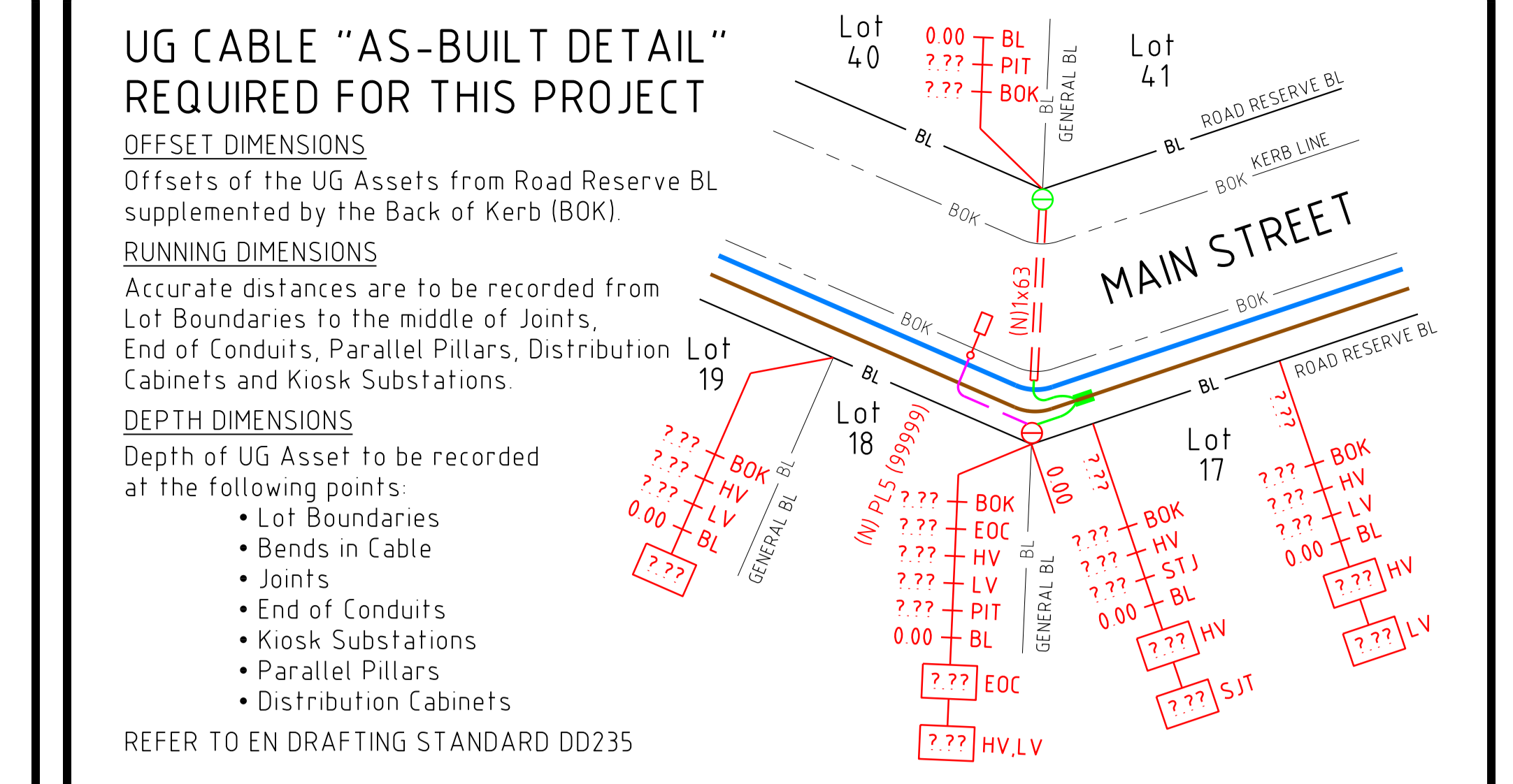
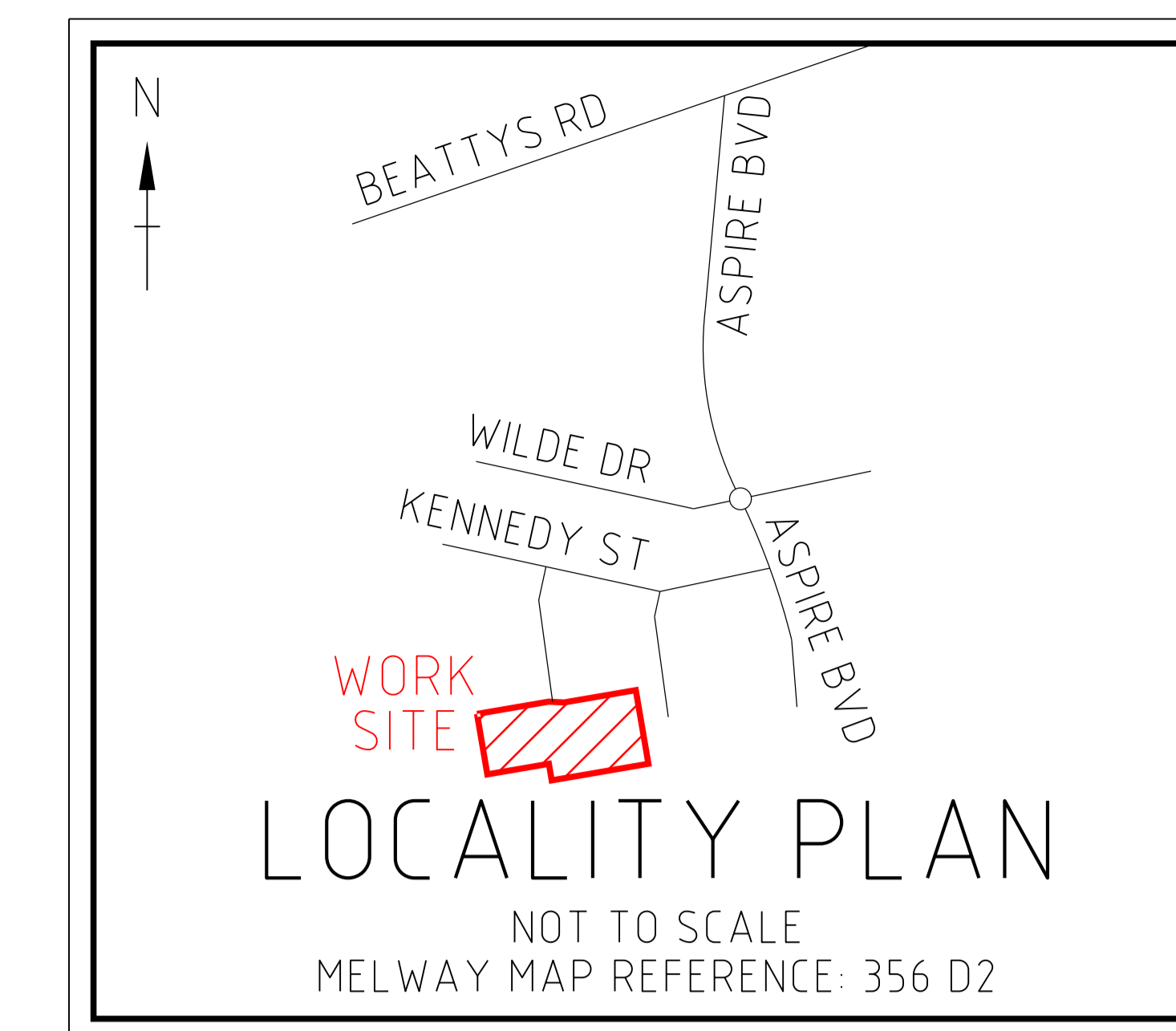
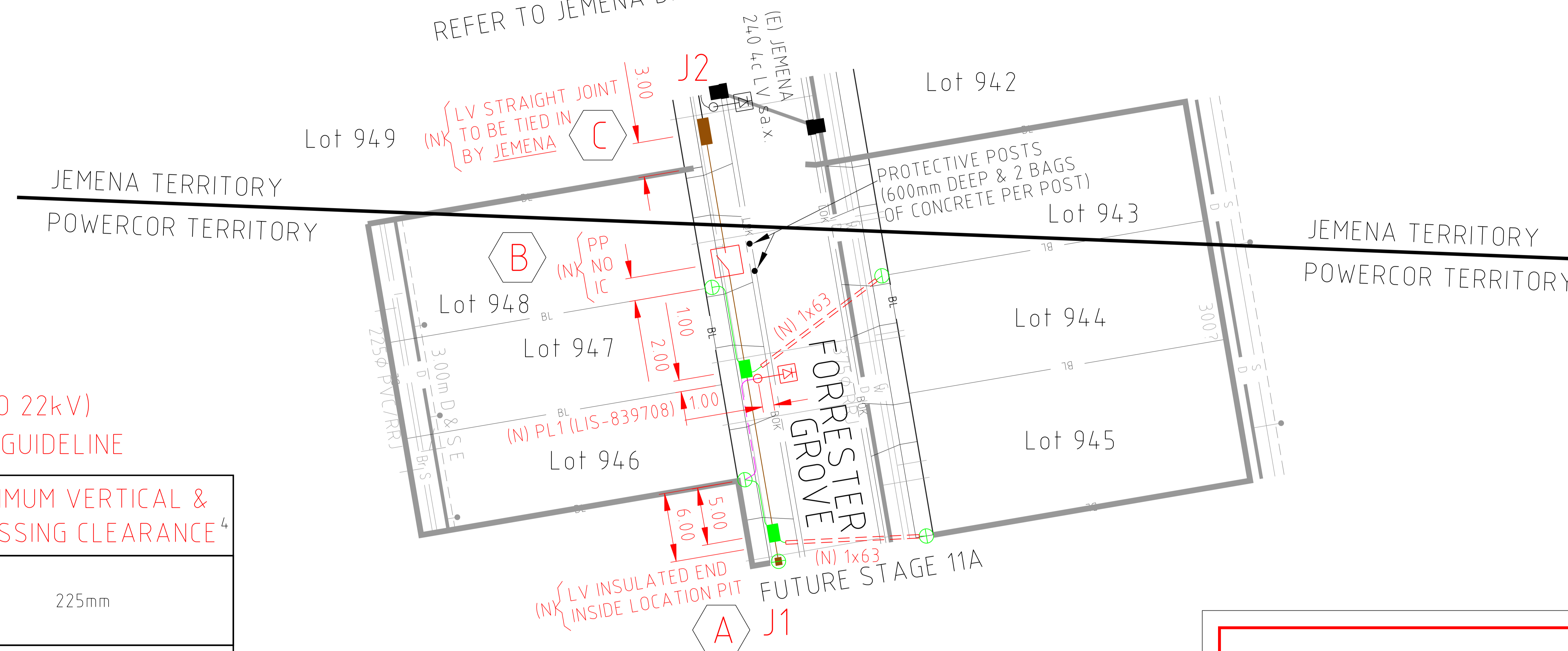


CABLE SCHEDULE				
CABLE ID	LOCATION		DETAILS	LENGTH
<b>LV MAINS CABLE</b>				
(N) LV1	FROM LV IE (A) OPP LOT 945 FORRESTER GV	TO LV PP (B) OS LOT 948 FORRESTER GV	240 4c LV sa.x.	30m
(N) LV2	FROM LV PP (B) OS LOT 948 FORRESTER GV	TO LV SJ (C) OS (E) LOT 949 FORRESTER GV	240 4c LV sa.x.	15m
<b>SERVICE CABLE</b>				
			16 4c LV c.x.	55m
<b>PL CABLE</b>				
			6 2c LV c.v.	15m



FOR CONTINUATION  
ASPIRE ESTATE - STAGE 9B  
REFER TO JEMENA DRAWING BAA-CHL-000167\_02



CLEARANCE OF ELECTRICAL CABLES & CONDUITS (UP TO 22kV)  
TO OTHER UTILITY ASSETS AND STRUCTURES - AUDITING GUIDELINE

	MINIMUM HORIZONTAL OR PARALLEL CLEARANCE (OFFSET) TO CABLE OR CONDUIT		MINIMUM VERTICAL & CROSSING CLEARANCE <sup>4</sup>
	≤ 200 WATER MAIN 500mm - SEPARATE TRENCH 300mm - SHARED TRENCH	> 200 TO ≤ 375mm WATER MAIN <sup>5</sup> 1000mm - SEPARATE TRENCH 600mm - SHARED TRENCH	
WATER	≤ 200 WATER MAIN 500mm - SEPARATE TRENCH 300mm - SHARED TRENCH	> 200 TO ≤ 375mm WATER MAIN <sup>5</sup> 1000mm - SEPARATE TRENCH 600mm - SHARED TRENCH	225mm
GAS	≤ 50mm GAS PIPE: 300mm	> 50mm GAS PIPE: 500mm	150mm
COMMUNICATIONS <sup>6</sup>	100mm TO LV CABLE/CONDUIT, 300mm TO HV CABLE/CONDUIT 50mm TO LV COVER SLAB, 250mm TO HV COVER SLAB		100mm LV, 300mm HV
STREET LIGHT POLES	300mm TO ALL OTHER ASSETS		N/A
STORM WATER PIPE	300mm		100mm LV, 300mm HV
OTHER ASSETS/ <sup>7</sup> STRUCTURES	100mm LV, 300mm HV		100mm LV, 300mm HV

- NOTES:
- ALL SPECIFIED DISTANCES ARE THE MINIMUM REQUIREMENT MEASURED BETWEEN ASSET EDGES OR FACES
  - SPECIFIED CLEARANCE APPLIES TO BOTH LV AND HV ELECTRICAL ASSETS WHERE NOT NOTED
  - ANY VARIATIONS TO THESE MINIMUM CLEARANCES MUST HAVE PRIOR WRITTEN APPROVAL FROM THE CI/POWER/ POWERCOR RESPONSIBLE OFFICER AND/OR MANAGER TECHNICAL STANDARDS
  - CROSSING CLEARANCES DOCUMENTED ARE TO THE ELECTRICAL CABLE OR CONDUIT. THE MINIMUM CROSSING CLEARANCE ABOVE CABLE COVER SLABS SHALL BE 50mm TO LV & 250mm TO HV COVER SLABS FOR COMMUNICATION CABLES; 175mm TO WATER; 100mm TO GAS ETC.
  - LARGER PIPE SIZES MAY REQUIRE ADDITIONAL CLEARANCES - CONSULT RELEVANT WATER AUTHORITY
  - INCLUDES PROPERTY LEAD-IN CONDUITS
  - INCLUDES STORM WATER PITS, SEWER INSPECTION POINT SHAFTS ETC. (ALL CABLE JOINTS MINIMUM 300mm CLEARANCE)

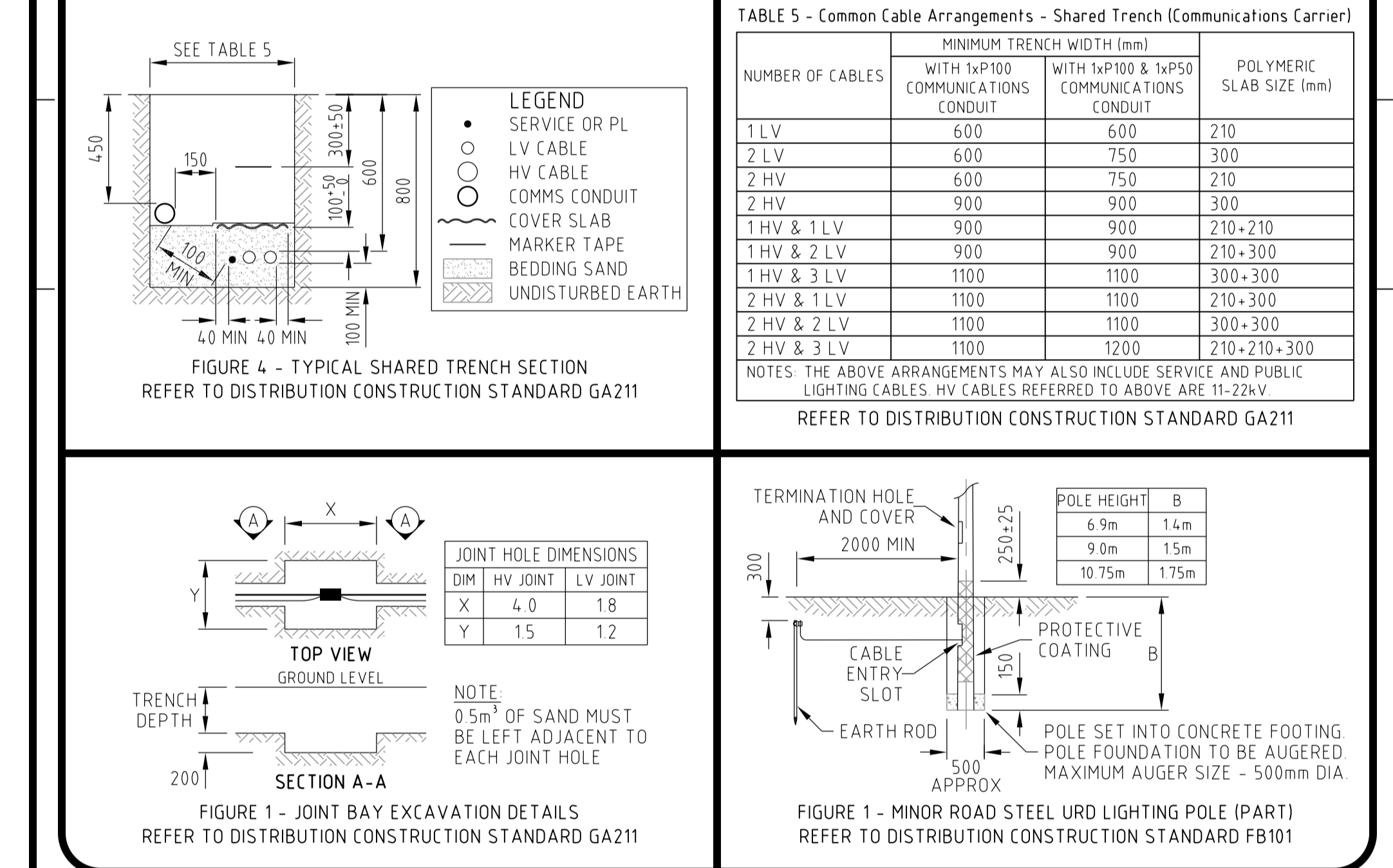
STREET NAME	SERVICE LOCATIONS							
	GAS		WATER		COMMS x		ELECTRICITY	
	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE
FORRESTER GROVE	2.10	EAST	2.60	EAST	1.80	WEST	2.30	WEST

UNLESS OTHERWISE STATED, ALL PUBLIC LIGHTING POLES TO BE INSTALLED A MINIMUM OF 1.0m CENTERLINE OF POLE TO BOK.  
NB: ALL POLE HOLES SHALL BE AUGERED & INSTALLED IN ACCORDANCE TO TECHNICAL STANDARDS FB101, FA051 and BULLETIN No. 18.  
x COMMS DESIGNER TO CONFIRM COMMS OFFSET.

PUBLIC LIGHTING SCHEDULE	
FOR PL POLE Nos.	PL1
LANTERN:	STANDARD
WATTAGE & TYPE MANUFACTURE MODEL & CAT No MOUNTING HEIGHT COLOUR	18W LED SYLVANIA STREETLED 5.5m PROCESSED ALUMINIUM FINISH
POLE:	NON-STANDARD
MANUFACTURER MODEL & CAT No LENGTH & STRENGTH COLOUR	SAFEROADS LCSE5 5/15/8.4/GF 8.4/11KN BLACK
BRACKET:	NON-STANDARD
MANUFACTURER TYPE LENGTH COLOUR	SAFEROADS LINCOLN 1.5m BLACK
COUNCIL:	MELTON CITY COUNCIL

**LV TIE-IN WORKS**  
WORKS TO BE DONE BY JEMENA  
  
INSTALL (N) LV STRAIGHT JOINT  
IN FORRESTER GV, OUTSIDE (E) LOT 949

Application	Depth	Depth (over Roadway)	Depth (over Footpath)
LV - Multicore	750mm	600mm	600mm
LV - 22kV	1000mm	750mm	750mm
LV - 11kV	1200mm	900mm	900mm
LV - 6.6kV	1300mm	1000mm	1000mm
LV - 3.3kV	1400mm	1100mm	1100mm
LV - 2.2kV	1500mm	1200mm	1200mm
LV - 1.1kV	1600mm	1300mm	1300mm
LV - 0.6kV	1700mm	1400mm	1400mm
LV - 0.4kV	1800mm	1500mm	1500mm
LV - 0.2kV	1900mm	1600mm	1600mm
LV - 0.1kV	2000mm	1700mm	1700mm
LV - 0.05kV	2100mm	1800mm	1800mm
LV - 0.02kV	2200mm	1900mm	1900mm
LV - 0.01kV	2300mm	2000mm	2000mm
LV - 0.005kV	2400mm	2100mm	2100mm
LV - 0.002kV	2500mm	2200mm	2200mm
LV - 0.001kV	2600mm	2300mm	2300mm
LV - 0.0005kV	2700mm	2400mm	2400mm
LV - 0.0002kV	2800mm	2500mm	2500mm
LV - 0.0001kV	2900mm	2600mm	2600mm
LV - 0.00005kV	3000mm	2700mm	2700mm
LV - 0.00002kV	3100mm	2800mm	2800mm
LV - 0.00001kV	3200mm	2900mm	2900mm
LV - 0.000005kV	3300mm	3000mm	3000mm
LV - 0.000002kV	3400mm	3100mm	3100mm
LV - 0.000001kV	3500mm	3200mm	3200mm



PROJECT NUMBER	5097069
ROAD DIRECTORY	MELWAY 356 D3
GIS SYSTEM PLAN	JEMENA
PROJECTION	MGA Zone 55
FEEDER/SWITCHING ZONE	TBC
DEVELOPER/NUMBER OF LOTS	BEATTYS ROAD HOLDING / 6 LOTS
MUNICIPAL COUNCIL	MELTON SHIRE COUNCIL

SCALE 1:500  
LENGTHS ARE IN METRES

REVISION				
DRAWING NUMBER	PCA40	5097069	1	SHEET 1 OF 1
FORRESTER GROVE. MELTON UG CONSTRUCTION PLAN - URD ASPIRE ESTATE - STAGE 9C URD DESIGN				
DRAWN	DRAFTING CHECK	DESIGNER	DESIGN APPROVAL	PROJECT MANAGER
PLAN B (DL)	M.MIFUSIO	PLAN B (ISN)	D.MCNEE	S.AHMED
06/05/15	12/06/15	06/05/15	02/06/15	12/06/15

GENERAL		EXISTING		NEW		OTHER SERVICES	
BL	ROAD RESERVE BL	HV CABLE	HV CUT END	CONDUIT	CONDUIT (TYPICAL)	SUBTRANS POLE	DRAIN
BL	BOUNDARY LINE	LV MAINS CABLE	LV STRAIGHT JOINT	CONDUIT	CONDUIT (ROADWAY)	HV POLE	FENCE
BL	BACK OF KERB	LV SERVICE CABLE	LV TEE JOINT	CONDUIT	CONDUIT (FOOTPATH)	LV POLE (GENERAL)	GAS MAIN
BL	FACE OF KERB	PUBLIC LIGHTING CABLE	LV SERV TEE JOINT	CONDUIT	CONDUIT (SIDEWALK)	SUBSTATION (POLE)	SEWER
BL	LIP OF KERB	HV STRAIGHT JOINT	LV INSULATED END	CONDUIT	CONDUIT (UNDERGROUND)	HV CABLE HEAD POLE	TELCO
BL	STORM WATER PIT	HV TEE JOINT	LV SEALED END	CONDUIT	CONDUIT (UNDERGROUND)	LV CABLE HEAD POLE	WATER MAIN
BL		HV SEALED END	LV CUT END	CONDUIT	CONDUIT (UNDERGROUND)		

**CAUTIONS**  
NO CAUTIONS  
  
FOR DETAILS OF CONDITIONS REFER TO DIAL BEFORE YOU DIG INFORMATION