
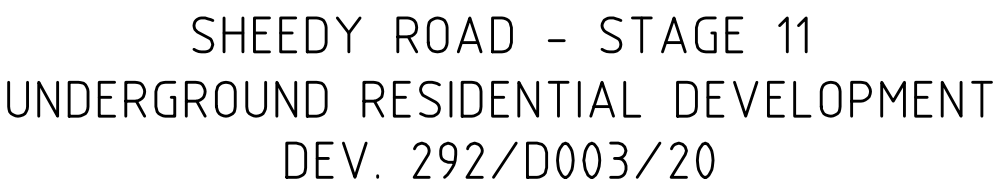
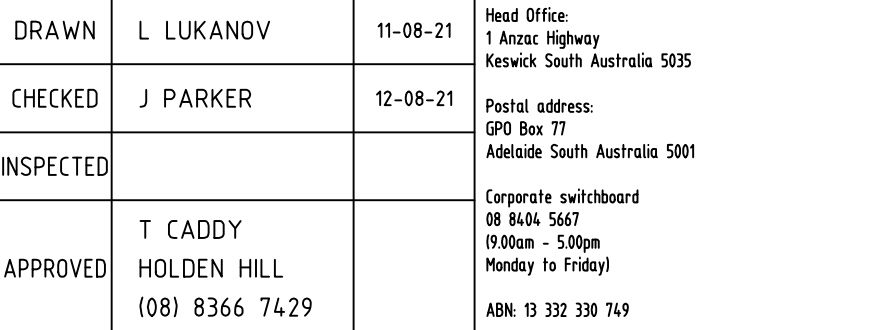


NOTES:

- Developer responsible for trenching in accordance with SA Power Networks trenching & conduit standard TS-085. Construction to be in accordance with SA Power Networks technical standards and SA Power Networks 'E' drawings.
- Cables to be laid in 1x100mm dia. LD (low duty) orange conduit at all road crossings unless otherwise stated. Road crossing conduits for radial (Type1) service pits are to extend to the boundary line of the property and be fully continuous. Other road crossings to extend 900mm beyond kerb.
- The conduit for a radial low voltage road crossing installation needs to be continuous (fully conditioned) as per E1904, Sheet 4, with conduit between pillars installed in such away that it will facilitate quick cable replacement. If this is achieved a spare conduit is not required.
- Spare conduits for LV cables are to be inserted to approximately 25mm and capped within P7 pits. HV spares are to be diverted around pits, as per TS-085 requirements.
- For NBN Developments, install the CST Road Crossing 90° to the allotment boundary.
- Cables to have 1000mm minimum cover.
- Cables through easements to be installed in conduit with spare and marker tape as per TS-085. Cable markers are to be installed in cable easement as per TS-085 Appendix A.
- Any existing underground services shown on these drawings are indicative only, no claim is made that the existing services shown are accurate or complete. Other services may be present which shall be the contractor's responsibility to locate and depth prior to any construction works. Any cable system and equipment must be treated as energised unless otherwise confirmed by SA Power Networks.
- Contractor shall supply a bore log for the total length of the bore for inclusion on the As Constructed drawing Refer TS-085 'Directional Boring' for requirements.
- Phasing of consumer connections as shown.
- Public lighting to be all-night burning.
- Number of allotments - 50 lots - 300kVA total
- Number of public lights - 12x17W LED (TfI Tariff).
- Developer - Lanser Communities.
- Consulting Engineer - Tonkin Consulting.
- Surveyor - Alexander Symonds Pty Ltd
- Due to the schematic nature of the drawing, the position of equipment shown is indicative only. Actual locations should be verified on site.
- Retaining walls are required around transformer and switching cubic easements where the final level changes by more than 300mm in the 2.0m adjacent the easement. The walls are to be built prior to installation of the transformer or switching cubic and are to be located on the easement.
- All walls, fences, ceilings and floors within 12m of the padmount transformer station shall have a 3 hour fire rating as determined by the Building Code of Australia.
- SA Power Networks is responsible for the connection and energisation of the stage.
- Contractor to ensure Hydro Vacuum Excavation maximum working pressure is limited to 2000psi as per TS-085 section 10.14. Any proposed excavation methods adjacent SA Power Networks infrastructure should be in accordance with NCC-404. Network Access Permits (NAP) required for works on and/or around SA Power Networks exclusion and/or restricted zones as per NCC-404 section 9.1 - figures 1.2 and 1.3.
- Contractor to provide as constructed drawings to SA Power Networks for approval prior to practical completion. Changes can be made by design consultant for hourly rate charge or AutoCAD format drawings can be purchased from consultant for revision by contractor.
- Construction by -
 As Constructed details provided by -
 WGA is not responsible for the accuracy of the 'As Constructed' details provided.



SURVEYORS NAME:		MAP REF: 6628-20		[NBFR] NON BUSHFIRE RISK AREA	
SURVEY DATE:		GRID REF: 276587.90 6160260.10		FEEDER NO: FL-20 FEEDER NAME: SUPPLY ROAD 11kV SUBSTATION NO: SSD-184 SUB NAME: VIRGINIA	
CO-ORDINATE DATUM ZONE: MGA-54 GDA94				ASSET OWNER: SA POWER NETWORKS	
GROUND SCALE:				PROJECT TYPE	
HORIZ:		NC-17321		CN RD	
VERT:		276238.10 N 6159997.60 E		<div>PRELIMINARY</div>	



SCALE 1:500	A1	500029544	SHEET 3 OF 3	REV C
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