

Project: Proposed Method of Supply for UML8654 – 118-120 Station Street, Penrith

The following Proposed Method of Supply (PMOS) is 18 residential units and 2 commercial developments.

Requested load = 182A

Substation 54069 is nearby. The substation was designed by AA Power Engineering. Sub 54069 was designed for 315Kva and PTC was issued 317Amps; therefore, this substation does not have capacity to supply 182Amps.

At present the substation is supplying to 114-116 Station St, Penrith. AA Power Engineering is proposing to upgrade the substation 500Kva and supply the development.

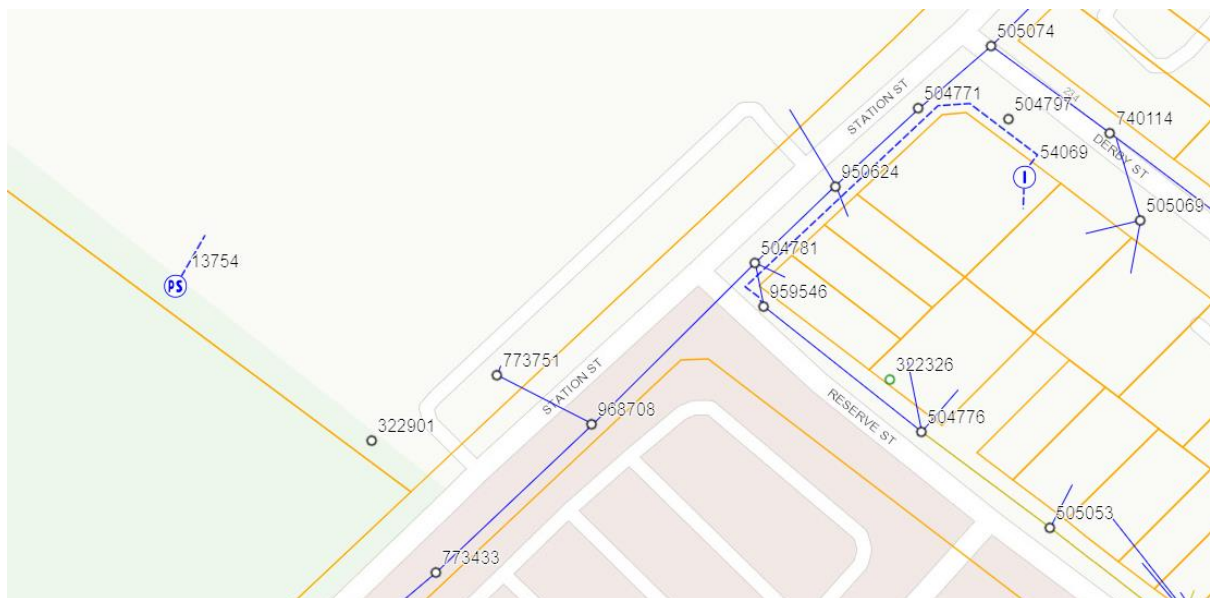


Fig: Existing LV network

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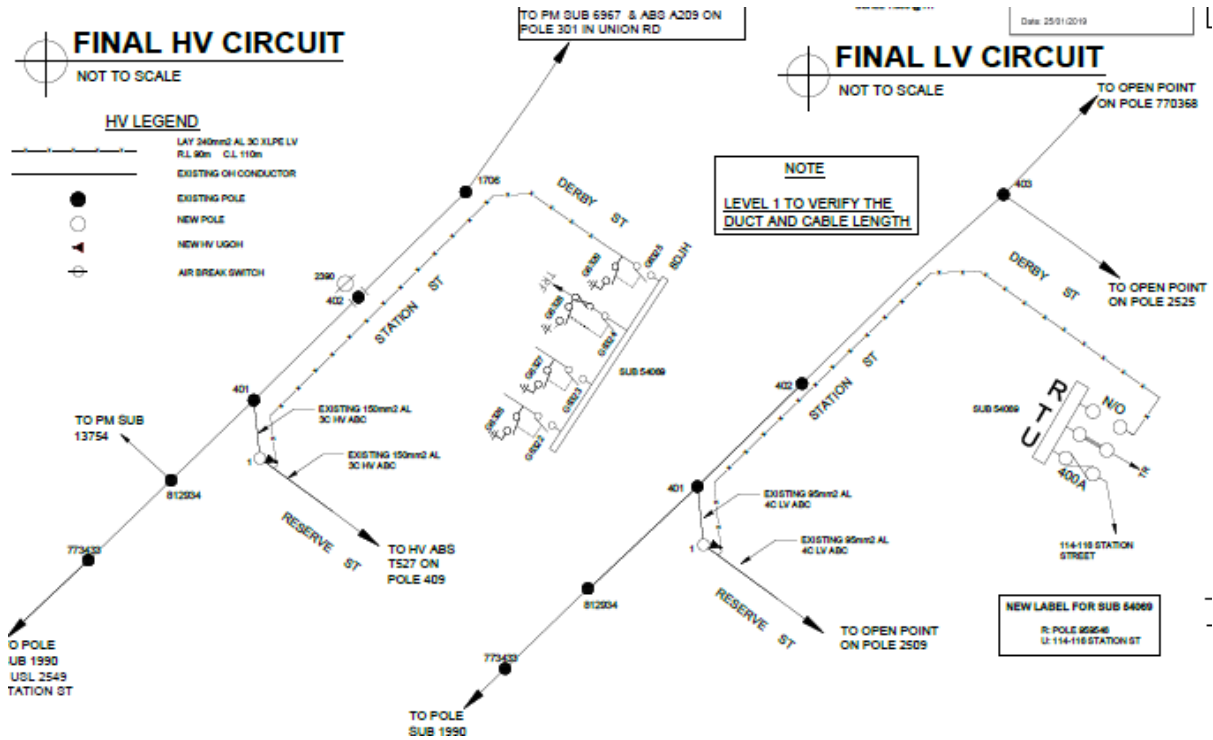


Fig: Existing HV & LV network

PMOS

1. Install LV Link pillar at location "A".
2. Upgrade substation 54069 to 500Kva transformer.
3. Install CAT 2 fuse strip
4. Run 240mm² AL 4C XLPE from Sub 54069 to pillar "A".
5. Supply the development via LV link pillar.

Please consider my Proposed Method of Supply and if you require any further information please don't hesitate to contact me on 02 9553 1857.

Regards,

Md Saddam Hossain