



Western Power
Networks Business Unit

SUBDIVISION DESIGN GUIDELINE - NUMBER 05 Revision 2

Guideline for the approval of Major/Minor changes during construction

This purpose of this guideline is to highlight allowable changes that can be made to a subdivision design during the construction phase of a project without the need to submit a Revisions While Under Construction (RWUC) project. This guideline is applicable to both Option A and B projects. All minor and major changes must still be shown in the As Constructed (AsCon) drawing.

1. Minor changes that can be approved by CPM or QA Officers on site and can be submitted with the AsCon.

- Minor adjustment of cable truncation.
- Minor relocation of streetlighting of not more than 20 metres within the streetlighting alignment (outside transmission line easement).
- Relocation of pillar for reticulation pump along the same LV feeder towards the district substation.
- Relocation of mini pillars across side lot boundary from the corner of a lot to the corner of the adjacent lot.
- Installation of cables (HV or LV cables) to the 2.7m pole alignment to avoid trees and rocks only.

2. Major changes that must be approved by DDS and require a RWUC.

- Relocation of uni-pillars.
- Relocation of switchgear or transformer substation.
- Change of cable route.
- Installation of cables (HV or LV cables) to the 2.7m pole alignment.
- Change of status of switching points.
- Any changes to the precal that will affect new and existing Western Power assets or alter subdivision loads.
- Addition or deletion of lots in the subdivision.
- Addition or deletion of pillars
- Addition or deletion of streetlighting.
- Addition or deletion of any other materials.

Clarification on the use of the 2.7m alignment

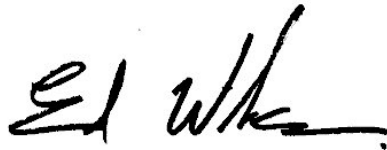
The option of using the 2.7m alignment should only be considered as a last resort after (but not limited to) the following paths have been exhausted:

- Obtaining permission from the council to clear the trees;
- Running the cable on the other side of the road; and
- Drilling the cable under the trees on the standard alignment.

The use of the 2.7m alignment is considered to be unacceptable in, but not limited to, the following cases:

- Aerials already exist;
- Cost is the factor/reason for not using the standard alignment; or
- There is already a cable on the 0-500mm alignment and installation of new cable in the 2.7m alignment would result in cables on both alignments.

Note that all cable in the 2.7m alignment requires conduit for installation.



Authorised by: _____
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Document History

Date Issued	Description	Revision
05/03/2004	Originally Issued as a separate document.	-
05/01/2006	Re-Issued as Design Guideline #05. Aesthetic changes from original and inclusion a clarification on the use of the 2.7m alignment.	1
24/01/2006	Included changes to precal as a RWUC requirement	2