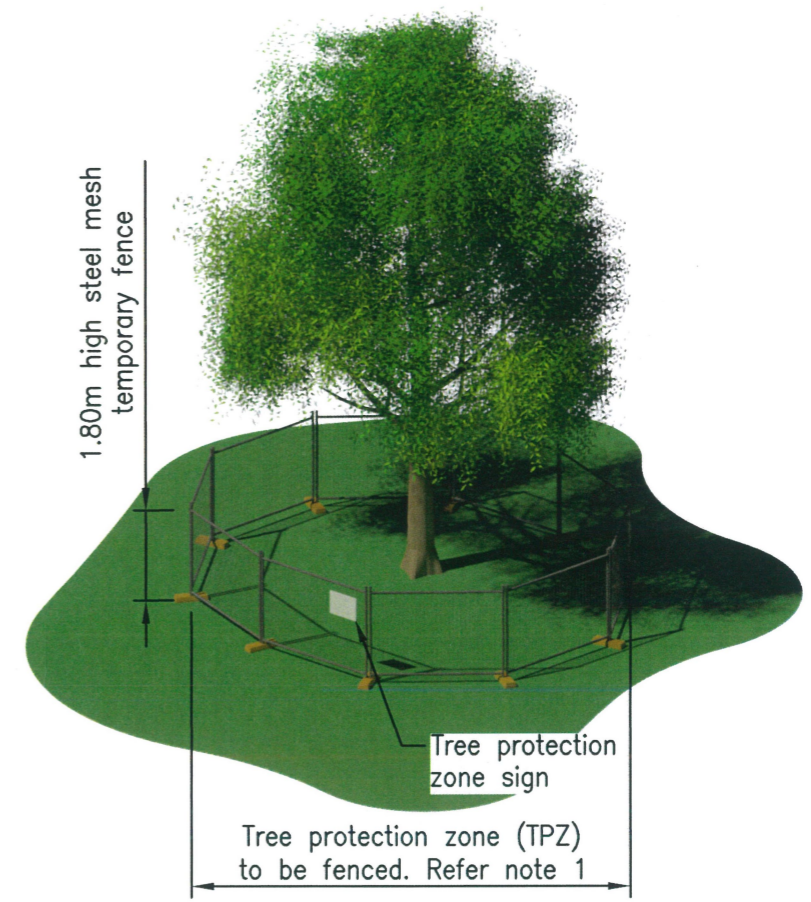


**ALTERNATE OPTION**  
**TRUNK, BRANCH AND GROUND PROTECTION DETAILS**  
 Not to scale



**PREFERRED OPTION**  
**PROTECTIVE FENCING**  
 Not to scale

**NOTES:**

1. Tree protection zone (TPZ) is calculated by multiplying DBH (refer drawing GI-0500 for specification) x 12. Formula: TPZ = DBH x 12.
2. Prior to the commencement of work a qualified arborist must be consulted with regards to specific health requirements of retained trees – especially large and old trees and those of special significance. Tree health will require periodic assessment during extended construction work.
3. TPZ signage shall comply with AS1319.
4. TPZ fencing should be 1.80m high steel mesh temporary fence on concrete feet. With superintendents approval alternate fencing may be utilised to suit site conditions.
5. Protective fencing must not restrict wildlife access. If the tree is to be used by koalas a wildlife ecologist or other suitably experienced professional should be consulted.
6. Machinery and other plant must not be located within the TPZ.
7. Materials and positioning of trunk and branch protection to be determined by project arborist. Boards are to be strapped to trees, not nailed or screwed.
8. Timber battens allow wildlife to climb tree trunks and branches to access tree canopy.
9. Where temporary access for machinery is required within the TPZ provide ground protection as detailed. Rumble boards and steel plates are to be of an appropriate thickness to prevent soil compaction and root damage and must be certified by an appropriately qualified engineer.
10. All tree protection measures to be in accordance with AS4970.

REVISIONS	INIT	DATE	SCALES	Drawn	BW	Date	07/16
E				Coordinator	PP	Date	07/16
D				AUTHORISED  05/08/16 Manager Integrated Transport Planning & Design RPEQ 6872			
C							
B							
A							
<input checked="" type="checkbox"/> ORIGINAL ISSUE	B.W	07/16					

**TEMPORARY TREE PROTECTION DETAILS**  
**(DURING CONSTRUCTION)**

**Moreton Bay**  
 Regional Council

DRG No. **GI-0505**

ORIGINAL SIZE **A3** REVISION