

TEMPORARY PROTECTIVE FENCING
Trees to be retained are to be surrounded by
1800 high continuous mesh temporary fending
as shown on plan for the duration of works. No
stockpilling of material, installation of services
or site sheds or storage is allowed within the
fenced area. Fenching may be relocated
temporarily for the purpose of landscape
works and service installations, but must be
re-instaled to original alignment immediately
upon completion of these operations

SITE ACCESS POINTS

**EXISTING TREE** to be retained and protected

EXTENT OF WORKS

# \_ANDSCAPE MANAGEMENT & PROTECTION NOTES ON VERGE

1. GENERAL
The proponent

The proponent or their authorised representative is required to contact and consult with the ACT Transport Canberra and City Services (TCCS) or National Capital Authority (NCA) as applicable to seek approval for any use of Unleased Territory Land adjacent to the Lesse. Prior to commencement of works (demollion, debaring, excavation, construction), the applicant or their authorised representative must advise the relevant coordinator within TCCS Asset Acceptance in writing that the protective measures have been installed in accordance with the approved Landscape verige works shall comply with TCCS STANDARD SPECIFICATION FOR URBAN INFRASTRUCTURE RKS and DESIGN STANDARDS FOR URBAN INFRASTRUCTURE and be to the satisfaction of CS Development Review & Co-ordinations (DRC) Asset Acceptance (ph. 6207 6581).

A suitably qualified Landscape Architect must be employed to oversee restorative work in the verge to ensure all requirements are followed.

3. SITE ACCOMMODATION and/or STORAGE OF CONSTRUCTION MATERIALS Use of verges for storage, carparking, site sheds, site amenties, billboards and other site operations shall be contingent on approval of an application for the use of verges, public open spaces or Unleased Territory land lodged with TCCS or NCA as applicable. Approval of any such application may be granted subject to the Developer's agreement to comply with the terms and conditions, as specified by Asset Acceptance on application, for a specific site.

### 4 FENCING Fence off verg

Fence off verge areas as shown on plan. Fencing shall be 1.8m high continuous chain mesh fence supported by steel posts with concrete bases.

5. EXISTING TREES
All trees located in road reserve, street verges, public open space and Unleased Territory land are to be retained (except where shown removed on plan) and remain undamaged. Existing dearrance from ground to canopy is not to be altered. Ensure construction equipment can pass beneath the lowest limb's through driveway access. Crowns and apex of canopy are not to be altered or reduced. Ensure lifting equipment and bad can dear height and width of tree crown without damage to crown. Where excavation is approved, the following measures are to be adopted for tree protection:

- Do not sever large roots (>30 mm diameter) closer than halfway from the drip-line to the tru

Do not sever large roots (>30 mm diameter) closer than halfway from the drip-line to the trunk. Hand trenching to a depth of 300mm is required to locate these roots before any mechanical trenching is understen.

All roots must be cut deanly with equipment specifically designed to cut roots deanly or other suitable

 Roots exposed during excavation must be protected from desiccation. Keep lightly watered or cover with hessian, which must be kept moist. Water trees that have had disturbance in their root zone. The amount and frequency of water needs to be

 Minimise width of excavation in vicinity of trees as far as possible, shoring of excavations should be adopted in lieu of benching, seasonal change. adapted to the trees requirement, based on seasonal conditions.

- Roots 50mm in diameter or larger shall be protected, including by excavation underneath tree roots

6. SITE ACCESS
Construction access for the site is to be provided as per plan. Any variations from this plan are to be submitted to TCCS DRC or NCA as applicable for approval prior to enacting on site.

# 7. SERVICE CONNECTION TO SITE The Developer must coordinate all ser

The Developer must coordinate all service approvals that are proposed within the road reserve, public open space and Unleased Territory land. Approval for trench locations must be obtained through TCCS DRC or NCA as applicable and the relevant Territory agencies at the planning and design stages. In most studions, excavation must not occur within the verge. Where excavation is allowed the following

Boring or tunneling below the root zone must be undertaken if the excavation is within the canopy spread

the tree trunks.

- Any service installation within 5.0m of an existing tree trunk, or within the tree canopy requires prior Shared trenching for services is mandatory.

Number of verge crossings to be minimised.

Excavation for services across verge (i.e. at right angles to kerb, property line) is to be midway between

NOTE: A Temporary Traffic Management Plan (TTM) and a Roads and Public Places Opening Permit (RPPOP) must be obtained from Roads ACT before any excavation is undertaken on Territory land.

TCCS DRC approval for trench locations must be obtained at the planning and design stage. New or upgraded services parallel to kerb or property line are to be installed on the following alignments (subject to approval) to minimise damage/disturbance to roots/root zone. SERVICES AND UTILITIES ALONG ROAD RESERVES
 The Developer must coordinate all service approvals.
 TCCS DRC approval for trench locations must be obtained a

nelling below the root zone is to be undertaken if the excavation required is within the

ing footpath on the property line. y behind kerb.

 IRRIGATION
 RESERVED - No irrigation proposed on Unle
 ased Territory land

## <u>0</u> VERGE INFRASTRUCTURE CONDIT ION AND RESTORATION

Contact the TCCS DRC Officer to notify commencement of verge restoration and at the completion

of work.

At the completion of construction, verges should have established dryland grass cover. Topsoil is not to be removed and the soil level must not be changed. If the standard of grass cover on the verge is to be improved, the following requirements apply:

Lightly cultivate the soil to 25 mm to 50 mm depth (50 mm maximum to minimise damage to tree roots). Cultivate only in one direction. Avoid major roots, and keep a minimum of 1m away

Add 'B type' topsoil at 25 mm to 50 mm depth. Level the topsoil and add NPK fertiliser (equivalent to Multigro) at 40g/m2. from tree trunks.

If damage does occur to trees or other to be replaced or rehabilitated to NCA/ Lay turf or sow seed of suitable drought Specification for Urban Infrastructure Works. K work is to be approved by NCA/TCCS and carried out by approved operators. plantings on street verges or Public Open Spaces, they are TCCS satisfaction at the developer's expense. Restoration nt tolerant species as specified in the Standard Keep moist during establishment

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RH JRD 19/12/16

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DOMA GROUP

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LANDSCAPE MANAGEMENT AND PROTECTION PLAN (UNLEASED LAND)

LMPP-01

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