

GWN DRAFTING
GREG NICOL
ARCHITECTURAL
DRAFTSMAN

**PROPOSED CARPORT/STORAGE, DRIVEWAY &
VEHICLE CROSSING
29 BILKURRA AVE, BILGOLA PLATEAU NSW 2107
FOR JOANNE & GREG NICOL**

ENVIRONMENTAL SITE MANAGEMENT PLAN:

REF: 3001 ESMP1

The following are to be undertaken to minimise adverse environmental effects to the abovementioned building site and its adjacent environment:

1. Install sediment barriers in locations directed by Council: barriers are to be one of the following:
 - a) Geotextile sediment fabric (max. of 600mm high x min. of 150mm horizontal) secured to posts with fabric either buried in an uphill trench or secured by continuous run of sandbags.
 - b) Straw bales adequately secured to substrate material.
 - c) Turf of a 60mm (minimum) width along the uphill side of the designated barrier line.
2. Limit disturbance when excavating. Preserve as much grass area as is practicable to filter as much as possible, the sediment from stormwater runoff before it reaches the drainage system.
3. Restrict vehicle access to one entry/exit point where practicable.
4. All hard waste and litter to be stored on site in a manner to prevent material from entering the stormwater system and adjacent areas by wind or water action.
5. Concrete waste and washing: - wash equipment in a designated area of the site that does not drain to the stormwater system.
6. Regularly clean and clear the construction site and adjacent footpath/roadway of building debris.
7. Sand and soil stockpiles: -are to be placed wholly on the construction site and behind a sediment barrier. Soil, sand and cement are to be covered at the end of each day if excessive wind or rain is likely.
8. Temporary stormwater collection: - connect temporary or permanent downpipes and new and revised drainage and connect to stormwater drainage system prior to laying new roof, or slow and spread the flow from downpipes to avoid local erosion. All stormwater should be discharged in a way that does not cause soil erosion.
9. Catch drains and perimeter banks: - Where practicable to do so, allow for diversion of upslope stormwater around the work and other disturbed surfaces.
10. Excavations in close proximity to tree trunks and within tree drip lines are to be avoided where possible. Where excavations are in close proximity to tree trunks and within tree drip lines are unavoidable, such excavations are to be undertaken with due care in order not to detrimentally affect the health of the tree(s), and if deemed necessary by Council, such excavations shall be undertaken in accordance with a qualified arborist's instructions.
11. Trees and significant shrubs in close proximity to proposed works are to be protected in accordance with Council's requirements.
12. Refer also to Statement of Environmental Effects, Site Plan – Proposed Works, Drawing Ref: 3001 – E1 & Arboricultural Impact Report.