





ANCHOR BLOCK

TO BE INSTALLED AT 6m CTS IF PIPE SLOPE > 1V TO 5H AND AT CHANGE IN GRADE OF PIPE ALT SOUNDLY FIX PIPE TO ROCK / CONCRETE STRUCTURE

omment A submission 4.55 submission	Barrenjoey Consulting Engineers pty ltd Stormwater Structural Civil PO Box 672 Avalon NSW 2107 M: 0418 620 330 E: lucasbce@bigpond.com ABN: 13124694917 ACN: 124694917	PROJECT: PROPOSED ALTERATIONS & ADDITIONS 20 THE SERPENTINE BILGOLA BEACH ~for MILLER FAMILY

STORMWATER NOTES

- All roof collection components (ie gutters / DPs etc)are to be located / sized by the Developments Hydraulic Consultant for a 5% AEP event capacity.
- All Trunk Drainage pipes, as shown on this plan are to be minimum of 90mm dia uno.
- 3. All pipes to be uPVC to AS 1254:2002.
- 4. All pipes to be laid at the grade required to match pit invert levels.
- 5. All pipes to be installed and laid in accordance with AS 3500.3:2003.
- 6. Thrust blocks to be installed to the trunk drainage pipes in accordance with AS 3500.3:2003.
- All roof guttering/ down pipes / valley gutters / box gutters etc are to be sized and installed in accordance with AS 3500.3:2003.
- 8. All pits are to be proprietary uv resistant polypropylene or similar unless noted (approved by the Engineer)and are to include a min 50mm sediment trap in the base and a maximesh screen laid at 45' across the pit to protect the oulet pipe .
- 9. All pits greater than 600mm in depth are to be proprietary precast concrete (approved by the Engineer).
- 10.All pits greater than 1000mm in depth are to have adequate access requirements in accordance with OH&S/Workcover requirements (ie; minimum dimensions 900x600mm with step irons).
- 11.All works are to be inspected and certified by the Principle Certifying Authority prioir to backfilling.
- 12.All works requiring certification by the Engineer will require a works as executed survey prepared by a registered Surveyor detailing all levels etc as on the Engineering plans.
- 13.The system is too be flushed and cleaned of all sediment and debris annually.
- 14. The system will require regular cleaning and maintenance to ensure its ability to function is maintained.
- 15. To ensure the system's ability to function is maintained it is to be inspected and certified as operating effectively by a licensed plumber every 5 years, and a engineer every 20yrs.

DRAWIN	G :

SITE STORMWATER MANAGEMENT PLAN

Job No :	Drawing No	
230104	SW1 _{S4.55}	
Document Certification		
Barrenjoey Consulting Engineers pty ltd		
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