



STORMWATER NOTES

- All roof collection components (ie gutters / DPs etc)are to be located / sized by the Developments contracting Plumber for a <u>5% AEP</u> event capacity. (30m2 roof area per 90mm dp via Quad low front gutter).
- Trunk lines shown on plan to be 150mm dia uPVC.
 All pipes to be uPVC to AS 1254:2002.
- 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. All roof guttering/ down pipes / valley gutters / box gutters etc are to be sized and installed in accordance with AS 3500.3:2003.
- 7. 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 .
- 8. All pits greater than 600mm in depth are to be proprietary precast concrete (approved by the Engineer).
- All pits greater than 1000mm in depth are to have adequate access requirements in accordance with OH&S/Workcover requirements (ie; minimum dimensions 900x900mm with step irons).
- 10.All works are to be inspected and certified by the Principle Certifying Authority prioir to backfilling.
- 11.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.
- 12. The system is too be flushed and cleaned of all sediment and debris annually.
- 13. The system will require regular cleaning and
 - maintenance to ensure its ability to function is maintained.
- 14.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.
- 15.All existing predevelopment catchment area run-off conditions exiting the site are to be maintained with no run-off flows being diverted from the predevelopment condition.
- 16.Flows from upstream properties entering the site are to be monitored during construction and diverted about the OSD system / residence etc as required.

Job No : 200606



Document Certification

- Barrenjoey Consulting Engineers pty ltd per
- LUCAS MOILOY MIEA CPEng NER Director