Plumbers,
Gasfitters and
Drainlayers Board

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Drainage information sheet No. 11

Audit: Below Ground Stormwater

Phase 1

- ☐ Have documents been sighted which show building consent has been granted?
- ☐ Are the materials used fit for their intended purpose?
- ☐ Is the discharge capacity adequate for the catchment area?
- ☐ Where required has provision been made for a drain installed in unstable/water charged ground?
- ☐ Does the excavation comply with the WorkSafe Good Practice guidelines?
- ☐ Where required is a reflux valve installed?
- ☐ Where required does the drain have overflow provision?
- ☐ Is the drain connected to the correct connection(s)?
- ☐ Does the bedding installation comply?
- ☐ Does the bedding material comply?
- ☐ Does the drain have the correct gradient?
- ☐ Did the drain pass the correct test? (e.g. testing listed in E1/VM1 8.0)

Phase 2

- ☐ Where required have inspection openings been installed?
- ☐ Have the required concrete supports for drainage fittings been installed?
- ☐ If a retention system is installed, has a surcharge outlet point been provided?
- ☐ Does the installation comply with the proximity to other services?
- ☐ Does the backfill material comply?
- ☐ Does the drain have the minimum cover?
- ☐ Is the drain constructed in an appropriate size?
- ☐ Have appropriate covers been used on inspection risers?
- ☐ Is the design of the drain to an acceptable standard?

- □ If the drain has been installed in an easement, is the installation compliant with the requirements of the easement?
- □ Where required has the soak pit been appropriately sized?
- □ Where required has the soak pit been appropriately constructed?
- □ Where required have the sump(s) been appropriately sized?
- □ Where required are the sump(s) correctly constructed?

References

Does the installation comply with the minimum industry standards and legislation?

- □ E1 – Surface Water
- □ The Resource Management Act 1991
- □ The consented plans
- □ The relevant manufacturer's instructions
- □ B2 – Durability

Please note

Other standards may be applicable to the installation and should be referenced as required. Additionally, audit items may alter dependant on the actual work conducted and the final installation.

Practitioners should ensure they are using the relevant edition of the prescribed building code compliance documentation, at the time of installation.