Checklist – CAC038M
Subsoil Drains and Strip Filter Drains (MRTS03)

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| --- | --- | --- | --- | --- | --- |
| Contractor |  | Date |  | Review No. |  |
| Contract No. |  | Project No. |  | Project Name |  |

| Reference | Requirements | Addressed | Comments/Observations |
| --- | --- | --- | --- |
| Cl 27.2 & 27.3 | Materials:* Is the strip filter drain a suitable proprietary product, comprising a minimum plastic core thickness of 40 mm and has a minimum crush strength of 200 kPa?

Storage of materials:* Away from direct sunlight and heat sources?
* Away from direct contact with the ground?
* To prevent damage and soiling?
 |  |  |
| Cl 27.4 | Construction:* Have the bottom of trenches been trimmed to provide: TYPE B – not < 0.5% fall to outlets?

TYPE D – not < 1% fall to outlets?* Are cleanouts located at the head of subsoil drains and at spacings not exceeding:

TYPE B – 60 m? TYPE D – 50 m? |  |  |
| Cl 27.4 | * Have subsoil drains been installed in accordance with the drawings?
 |  |  |
| Cl 27.4 | * Have concrete outlets and surrounds, galvanised chicken wire cones, pest-proof flaps, cast iron or PVC caps, grouted rock pitching and marker posts been installed in accordance with SD1116?
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| Cl 27.4 | * Has the drain been flushed out and has flushing continued until water runs clean and consistently?
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**Additional issues for consideration**

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| 1 | Consider the use of compressed air to test continuity of subsoil drains |
| 2 | Consider use of single-sized aggregate for backfill material Type B 20 mm; Type D 5-7 mm |

*Delete below section if not required*

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| --- | --- | --- | --- |
| Audited by: |  |  |  |
| Name |  | Signature |  | Date |  |