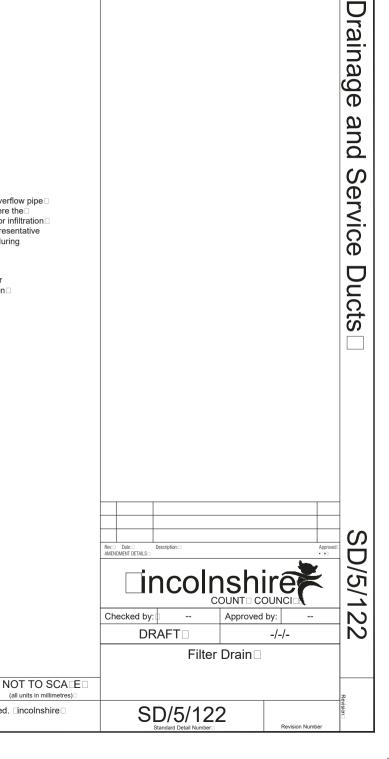


| DESIGN DATA□ | | |
|--------------|---|--|
| | Element□ | Summary Requirement□ |
| 1□ | Maximum longitudinal slopes□ | 2%□ |
| 2□ | Permeable geotextile filter membrane□ | Refer to drainage volume within the specification□ |
| 3□ | Under-drainage pipe and flow capacity□ | Perforated (max 10mm dia) PVC Min 150mm dia and min 21s/ha□ |
| 4□ | Gravel layer surrounding drainage pipe□ | Min 150mm thick clean gravel to Table 5.7□ |
| 5□ | Filter medium in trench□ | Type B Open Graded granular material with minimum porosity of 30%□ |
| 6□ | Positioning of inspection chamber□ | 10m to 90m intervals□ |
| 7□ | Maximum ground water level□ | Refer to ground investigation volume within the specification □ |
| 8 🗆 | Minumum width between silt trap and □ pipe □ | 0.5m□ |
| 9□ | Minimum vegetation height on side silt□ traps□ | 150mm□ |
| 10□ | Minimum depth of filter medium below ☐ pipework ☐ | 0.5m□ |
| 11□ | Sacrificial stone filter layer□ | Type B□ |
| 12□ | Maximum surface water flow depth | 100mm□ |
| 13□ | Maximum flow velocity across filter strip surface □ | 1.5m/s□ |
| 14□ | Maximum depth of silt build up | 75mm□ |
| 15□ | Root Zone □ | Refer to landscaping volume within the specification □ |

This is a typical detail and may require conversion to a full scheme specific drawing. □

County Council accept no responsibility for third party use of this Standard Detail.

Dis laimer Before making use of this detail, any designer or third party must ensure that it satisfies all requirements of the scheme to which it is being applied. Incolnshire



(all units in millimetres)