

[illegible]

MAX 1/3

WIDTH VARIES

GRASS SWALE

MAX 1/3

IF WATER TABLE IS FOUND TO BE WITHIN 1m OF THE BOTTOM OF TREE-PIT, CONTACT ENGINEER FOR FURTHER INSTRUCTIONS.

IF WATER TABLE FOUND TO BE WITHIN 1m OF BOTTOM OF SWALE, WRAP BASE AND SIDES WITH IMPERMEABLE GOEMEMBRANE.

MINIMUM 450mm FREE DRAINING TOP SOIL TO LANDSCAPE SPECIFICATION

10/20mm SINGLE SIZED PEA GRAVEL.

0.6m

0.3m (min)

TRENCH TO BE LINED WITH TERRAM 1000 AS SHOWN.

PROPOSED 100mm PERFORATED PIPE

0.25m

0.2m

0.25m

0.6m

TYPICAL SECTION THROUGH PROPOSED SWALES

SCALE 1:10 @A1

200 X 100 X 80mm PAVING TO LANDSCAPE ARCHITECTS SPECIFICATION.
MINIMUM JOINT WIDTH = 6mm AREA OF VOIDS MUST EXCEED 6% OF PAVED. JOINT FILLED WITH GRADED 6.3mm - 2.0mm GRIT TO BS 13242:2002.

Ø150mm PERFORATED COLLECTOR PIPE
TO TIE INTO BULK SURFACE WATER NETWORK

PERMEABLE PAVING
(PRIVATE DRIVEWAY)

50mm GRADED 6.3mm-2.0mm GRIT BEDDY SAND TO BS 13242:2002

300mm 4/20mm COARSE GRADED AGGREGATE TO BS:13242:2002

PERMEABLE SEPARATOR MEMBRANE

IMPERMEABLE MEMBRANE (2000 GAUGE POLYTHENE)

SECTION THROUGH DRIVEWAY & PERMEABLE PAVING

SCALE 1:20

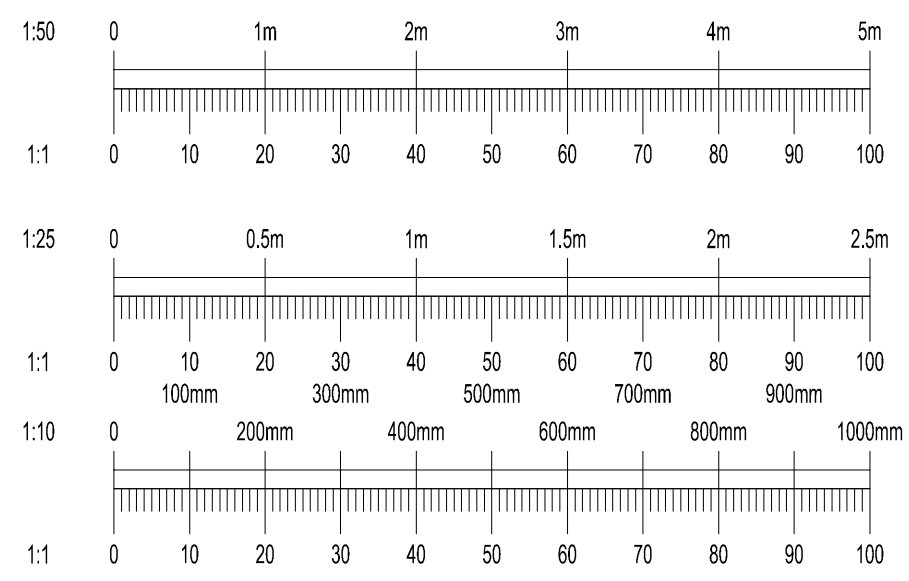


FIGURE 19.16: EXAMPLE OF INLETS TO ALLOW
SURFACE WATER RUNOFF TO INFILTRATE INTO TREE PITS.
TAKEN FROM CIRIA REPORT C753 THE SUDS MANUAL.