

Prato (PO)

Studio di pre-fattibilità per l'individuazione di soluzioni NBS per la riduzione di allagamento della zona di San Paolo

comune di PRATO





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ANNESSI: Tavole

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Descrizione
Tipologici aree bioritenzione

Scale
1:50

TIPOLOGICO 1: Area a sufficiente infiltrazione
Sezione trasversale Area di bioritenzione
SCALA 1:50

This cross-section diagram illustrates a bioretention area with sufficient infiltration. It shows a road with a 2% slope and a curb. The plant bed is 10cm deep, containing a mix of gravel, sand, and compost. Below this is a 70cm layer of non-woven fabric. A transition joint separates the fabric from the existing sewerage system below. The water level is marked as 'MAX. I.V.' (Maximum Infiltration Level) after 24-48 hours of rain. Plants are shown as 'Selezione di piante adeguate ad un'area di bioritenzione'.

TIPOLOGICO 1: Area a sufficiente infiltrazione
Sezione longitudinale area di bioritenzione
SCALA 1:50

This longitudinal section diagram shows a bioretention area with sufficient infiltration. It features a road with a 2-3% slope and a curb. The plant bed is 10cm deep, containing a mix of gravel, sand, and compost. Below this is a 70cm layer of non-woven fabric. A transition joint separates the fabric from the existing sewerage system below. The water level is marked as 'MAX. I.V.' (Maximum Infiltration Level) after 24-48 hours of rain. Plants are shown as 'Selezione di piante adeguate ad un'area di bioritenzione'. A manhole opening is shown, and the sewerage system is labeled 'Fognatura esistente'.

TIPOLOGICO 2: Area a insufficiente infiltrazione
Sezione trasversale Area di bioritenzione
SCALA 1:50

This cross-section diagram illustrates a bioretention area with insufficient infiltration. It shows a road with a 2% slope and a curb. The plant bed is 10cm deep, containing a mix of gravel, sand, and compost. Below this is a 70cm layer of non-woven fabric. A drainage pipe is shown, labeled 'Tubazione di drenaggio'. The water level is marked as 'MAX. I.V.' (Maximum Infiltration Level) after 24-48 hours of rain. Plants are shown as 'Selezione di piante adeguate ad un'area di bioritenzione'.

TIPOLOGICO 2: Area a insufficiente infiltrazione
Sezione longitudinale area di bioritenzione
SCALA 1:50

This longitudinal section diagram shows a bioretention area with insufficient infiltration. It features a road with a 2-3% slope and a curb. The plant bed is 10cm deep, containing a mix of gravel, sand, and compost. Below this is a 70cm layer of non-woven fabric. A drainage pipe is shown, labeled 'Tubazione di drenaggio Dn 90 pendenza 1%'. The water level is marked as 'MAX. I.V.' (Maximum Infiltration Level) after 24-48 hours of rain. Plants are shown as 'Selezione di piante adeguate ad un'area di bioritenzione'. A manhole opening is shown, and the sewerage system is labeled 'Fognatura esistente'. A 'Bocca tarata per scarico controllato in fognatura esistente' (controlled discharge outlet) is also shown.