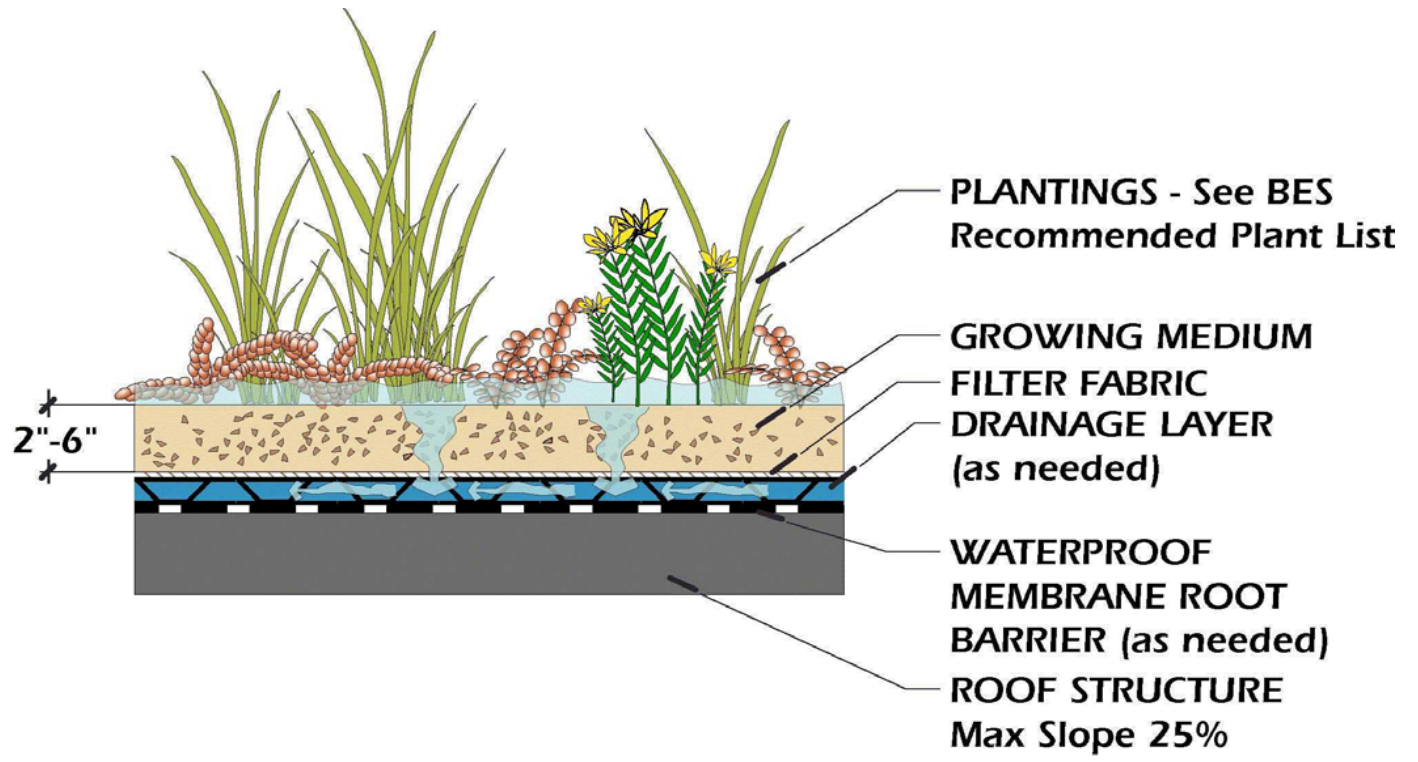


# **Appendix G**

Supplemental Drawings and  
Example Landscaping Plans

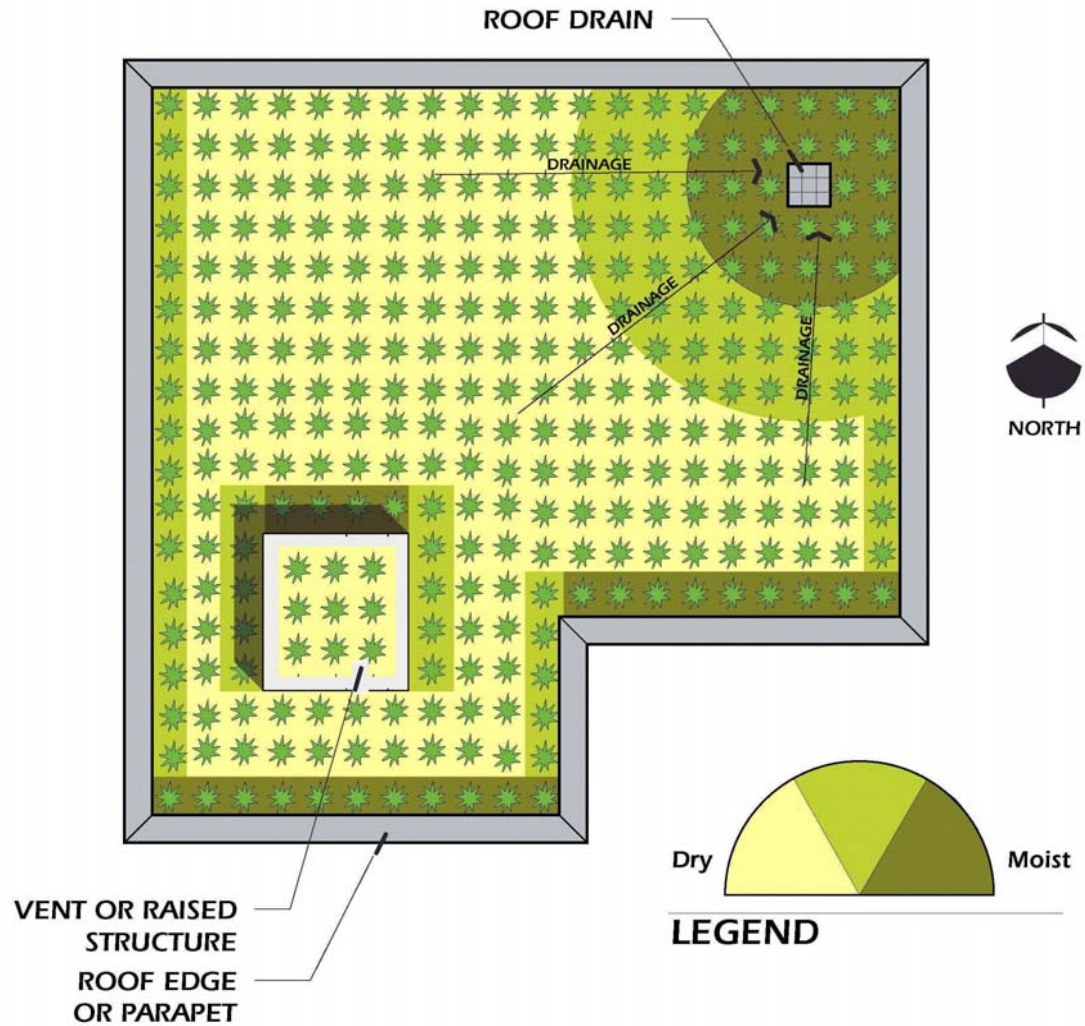
September 2004 Stormwater  
Management Manual



**SIMPLIFIED APPROACH DESIGN CRITERIA**

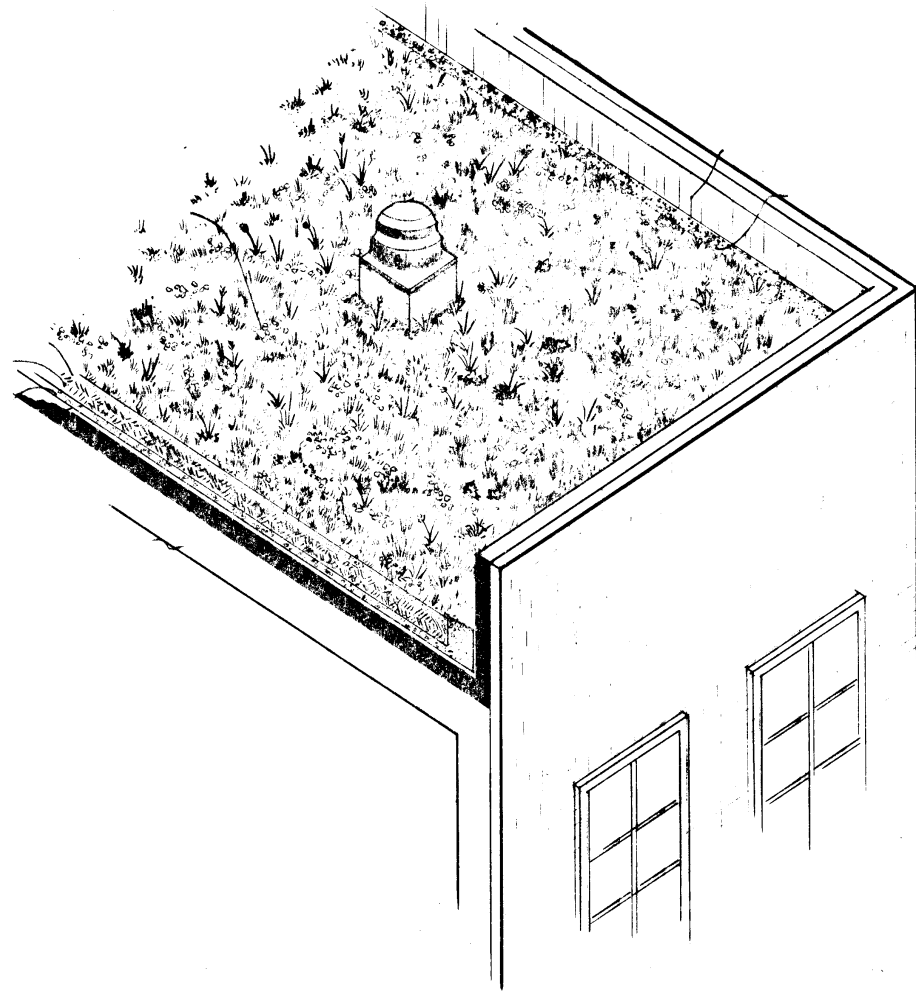
**Eco-roof**

PLANTINGS:  
See BES Recommended  
Plant List



## Ecoroof Evaporation Diagram

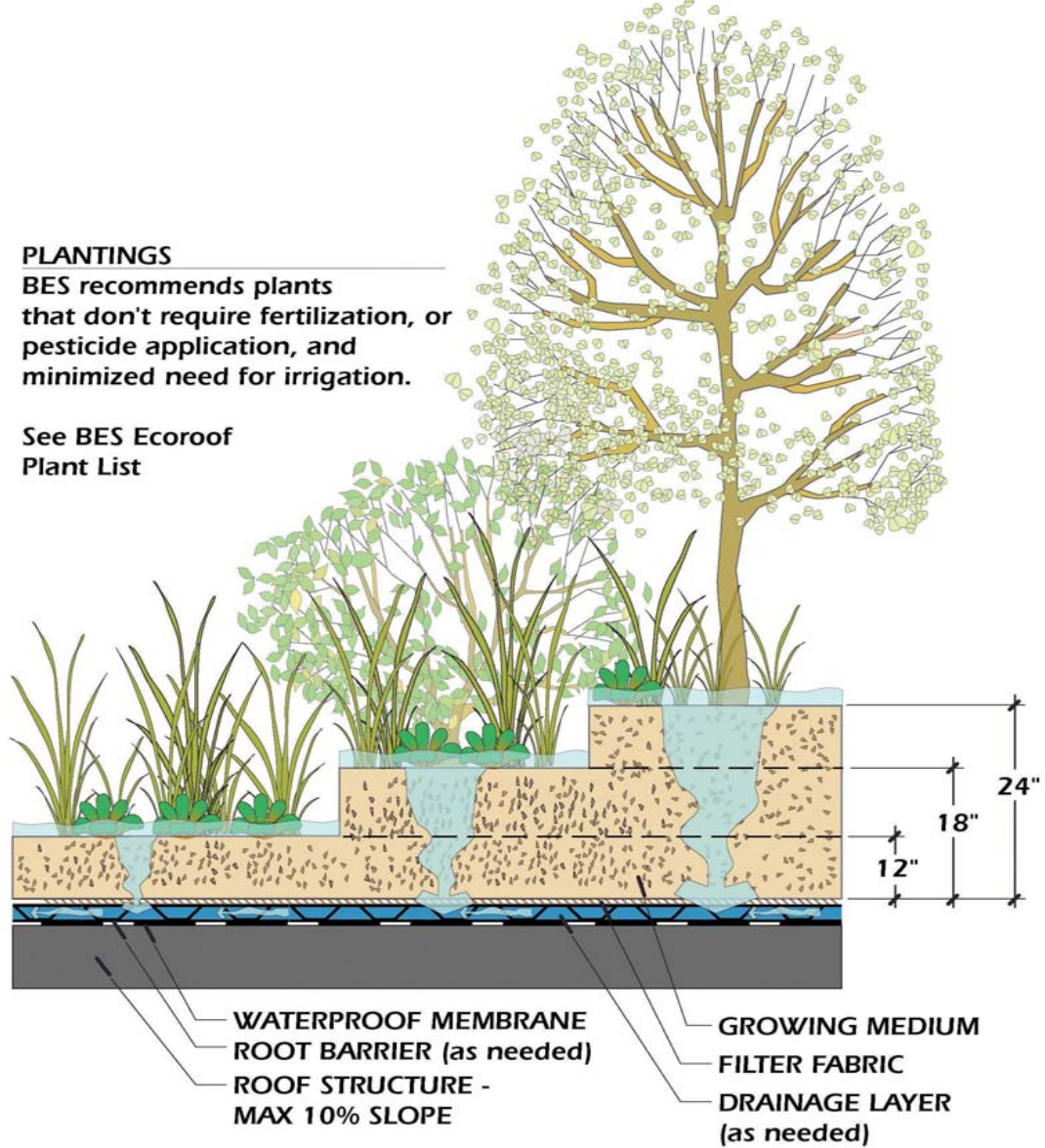
# Eco-Roof



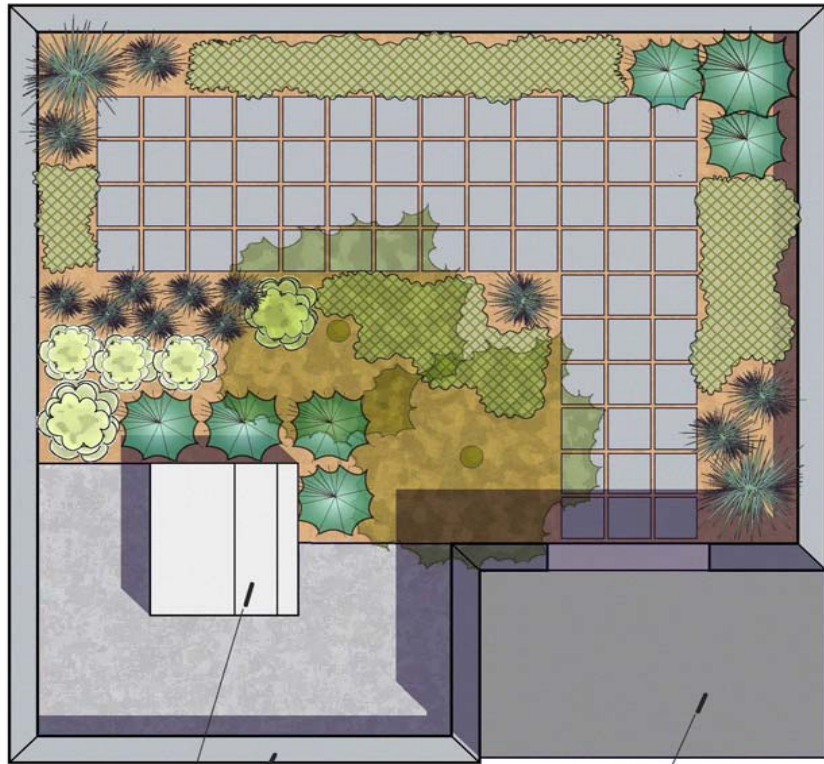
**PLANTINGS**

BES recommends plants that don't require fertilization, or pesticide application, and minimized need for irrigation.

See BES Ecoroof Plant List



# Roof Garden

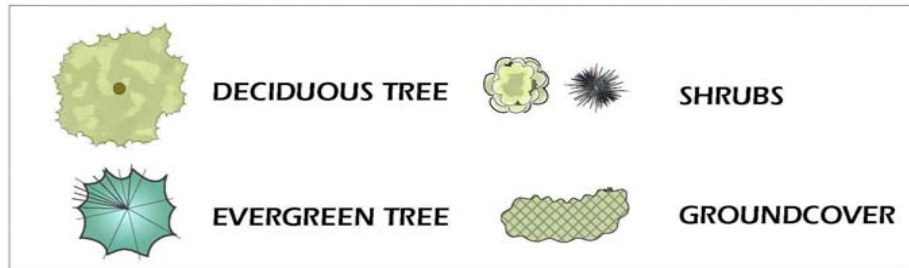


VENT OR RAISED  
STRUCTURE  
ROOF EDGE

HIGHER ELEVATED  
ADJACENT STRUCTURE

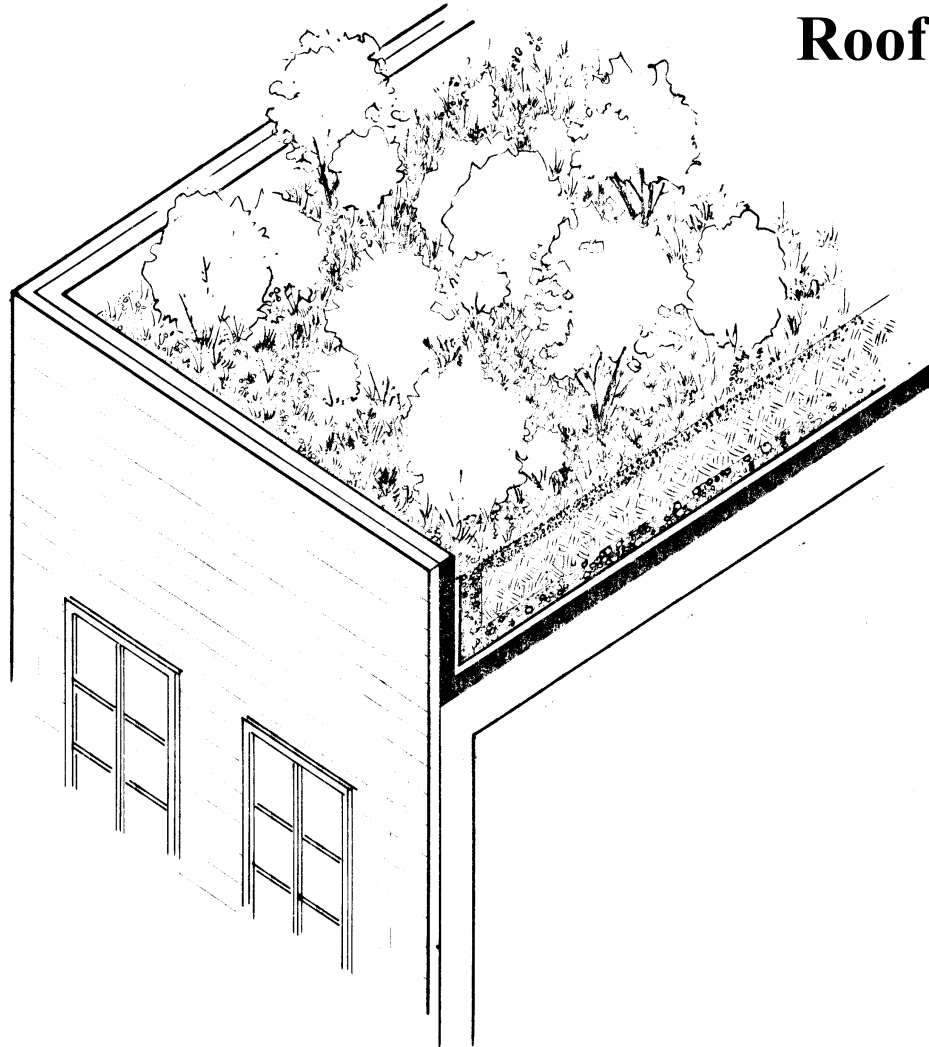
**LEGEND**

PLANTINGS: See BES Recommended Plant List



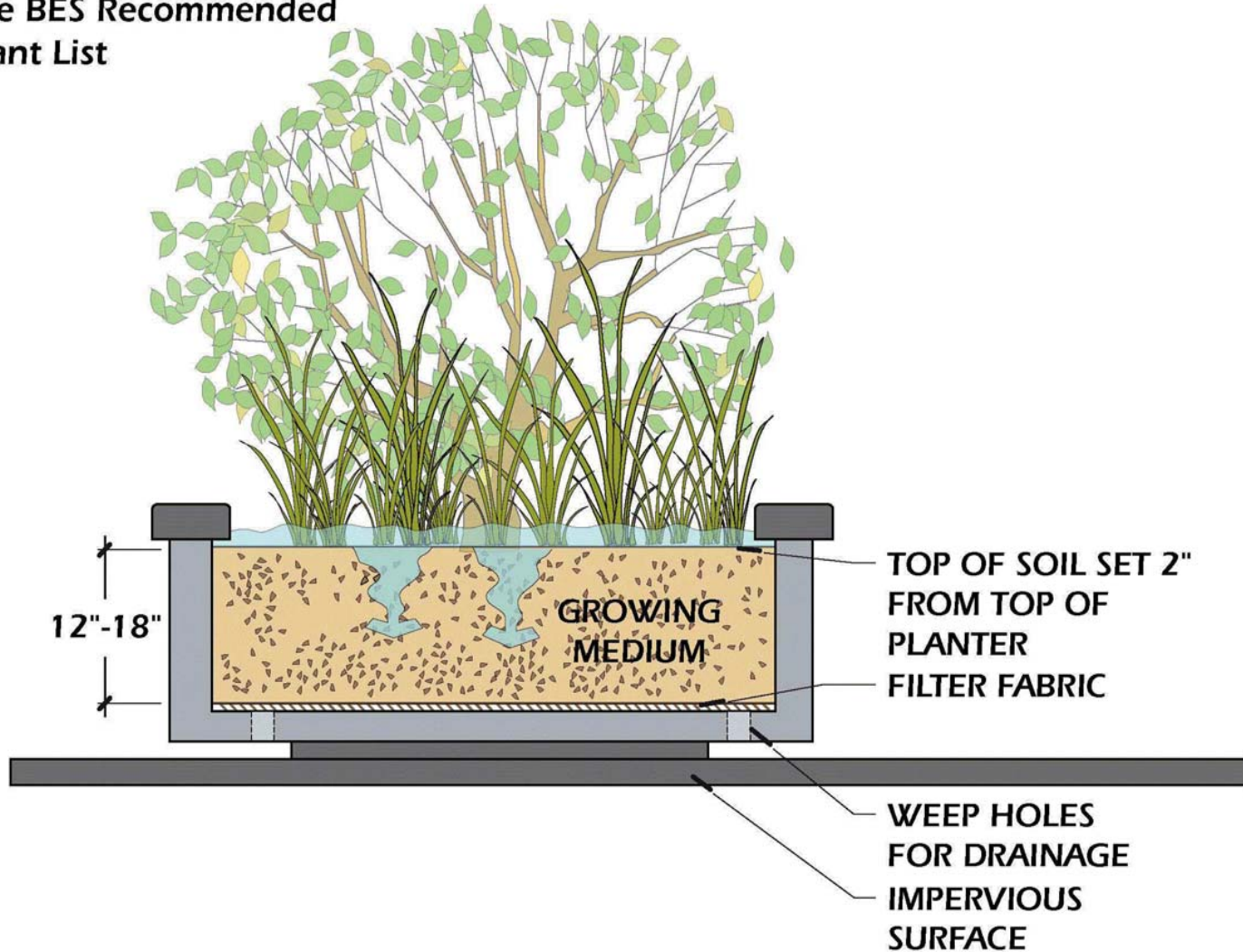
# Roof Garden Plan

# Roof Garden



**PLANTINGS:**

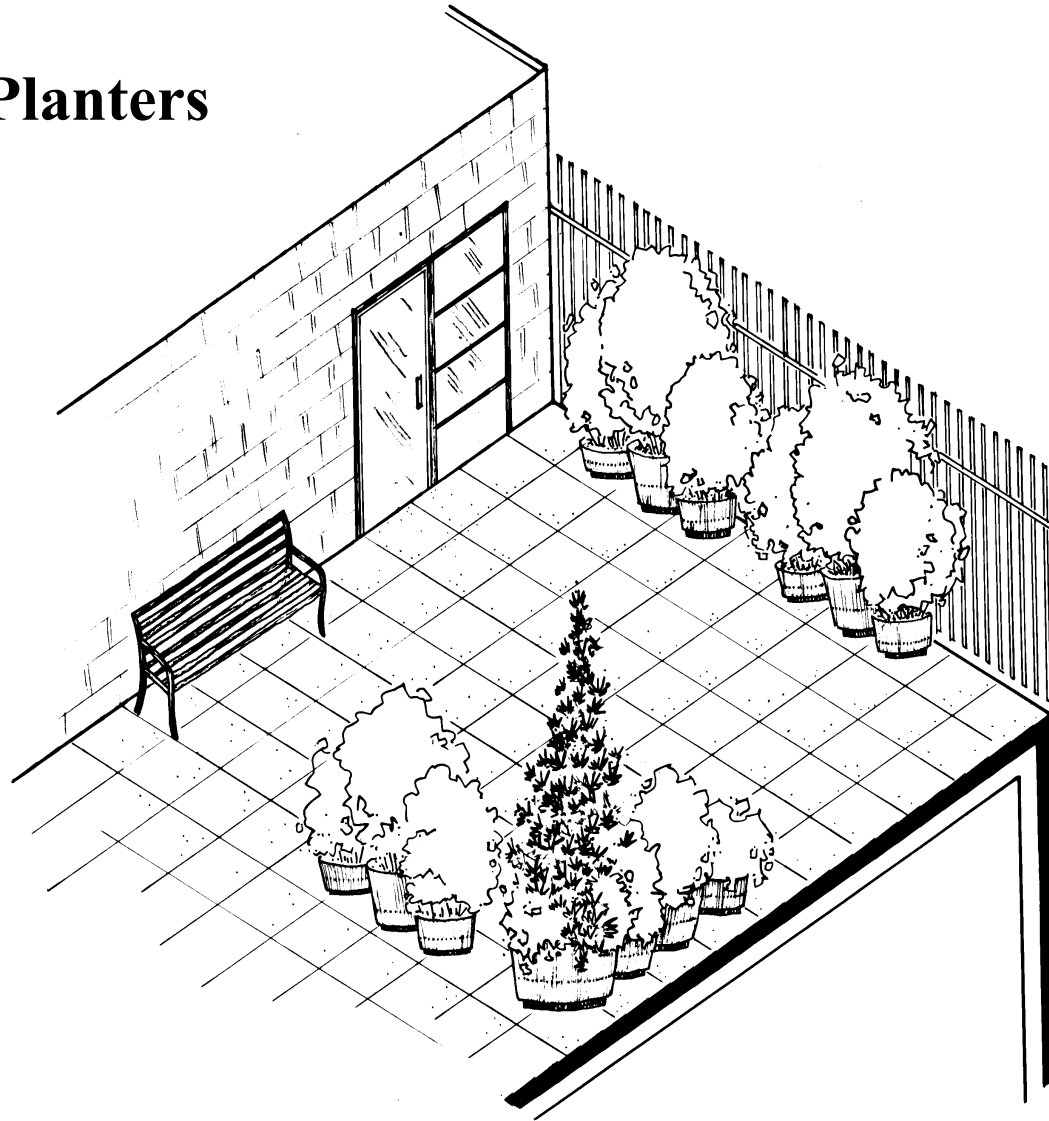
See BES Recommended  
Plant List



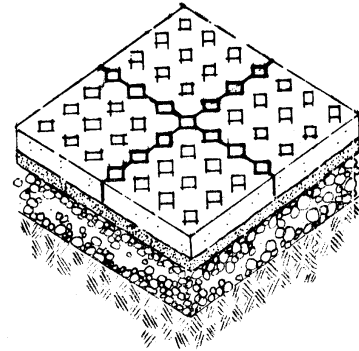
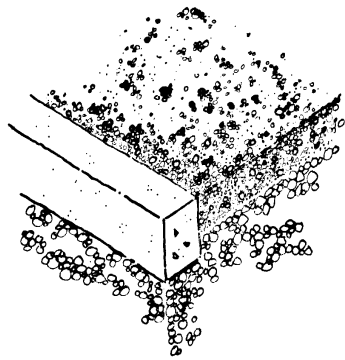
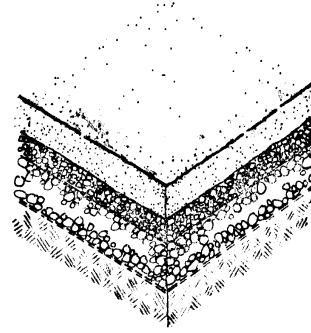
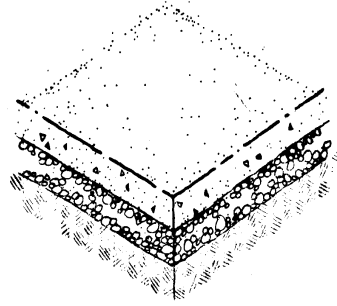
# Contained Planter Box



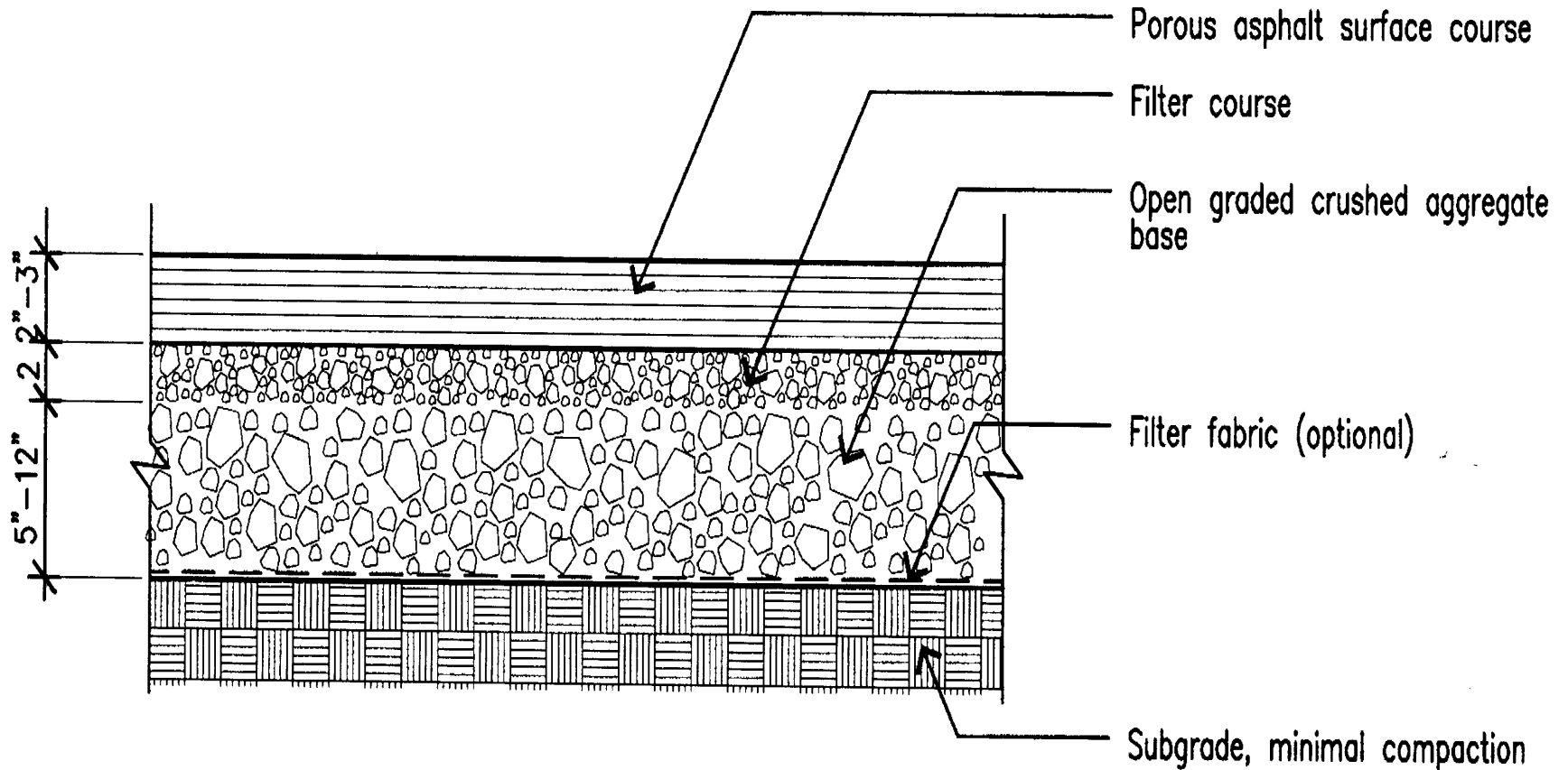
# Contained Planters



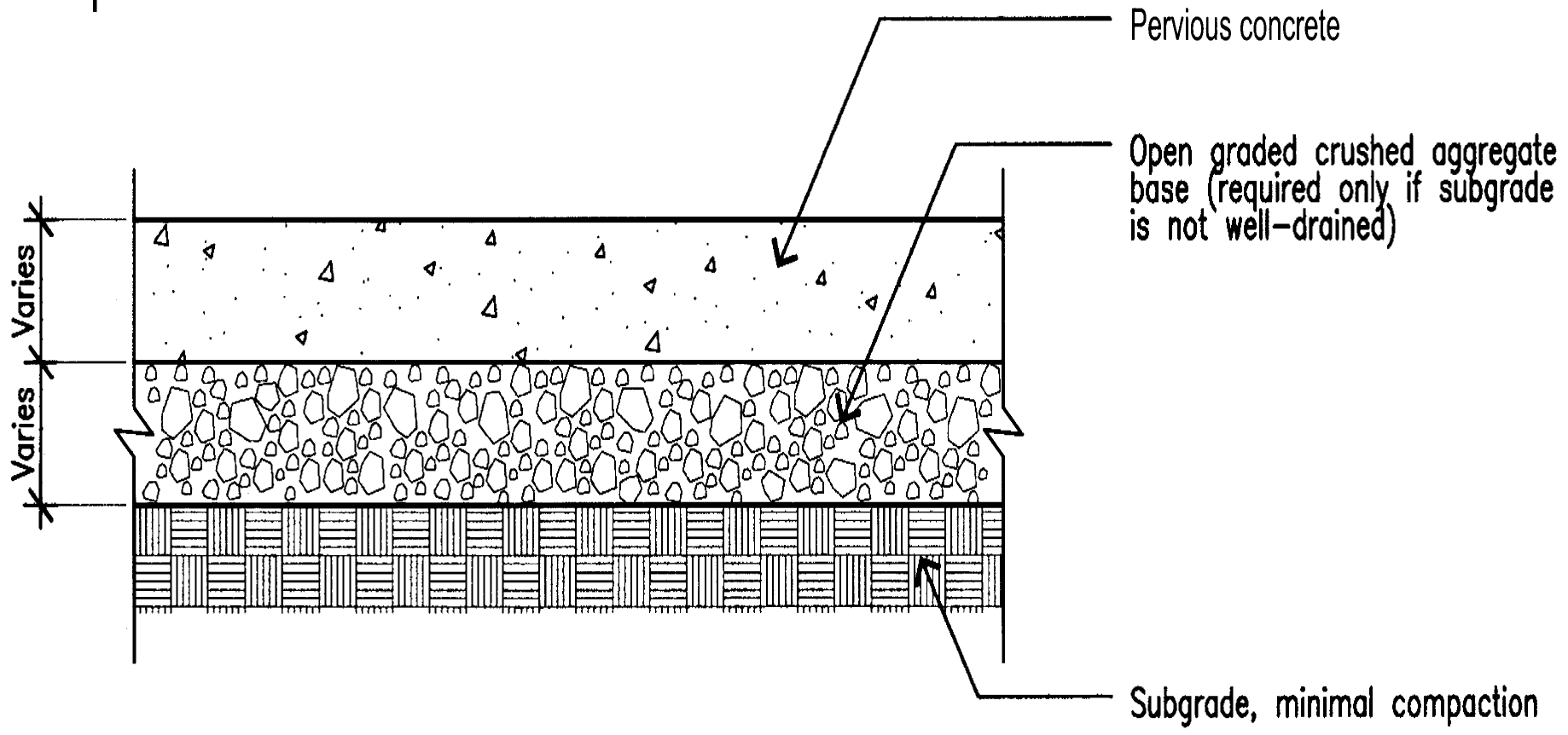
# Porous Pavement



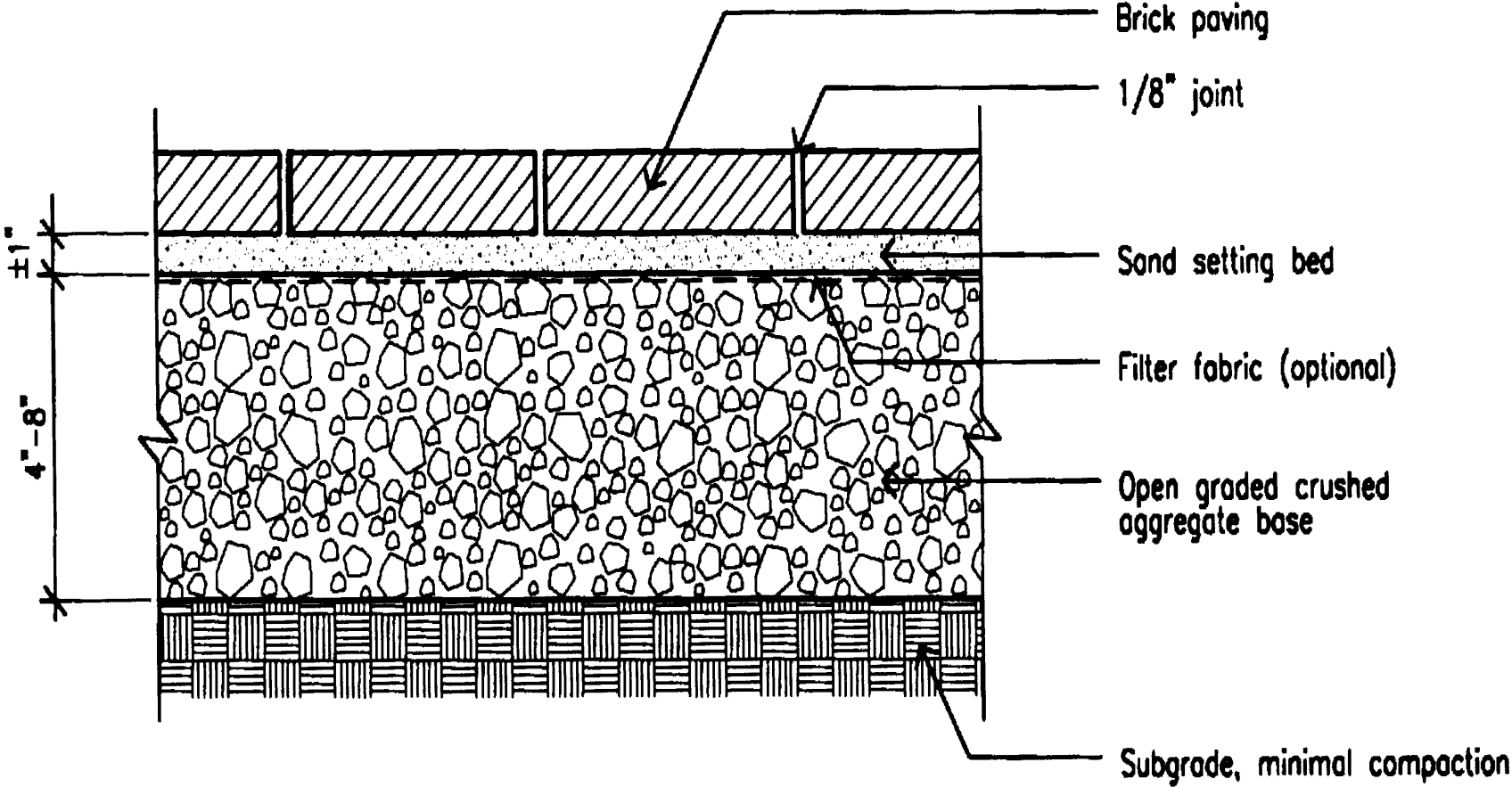
# porous asphalt



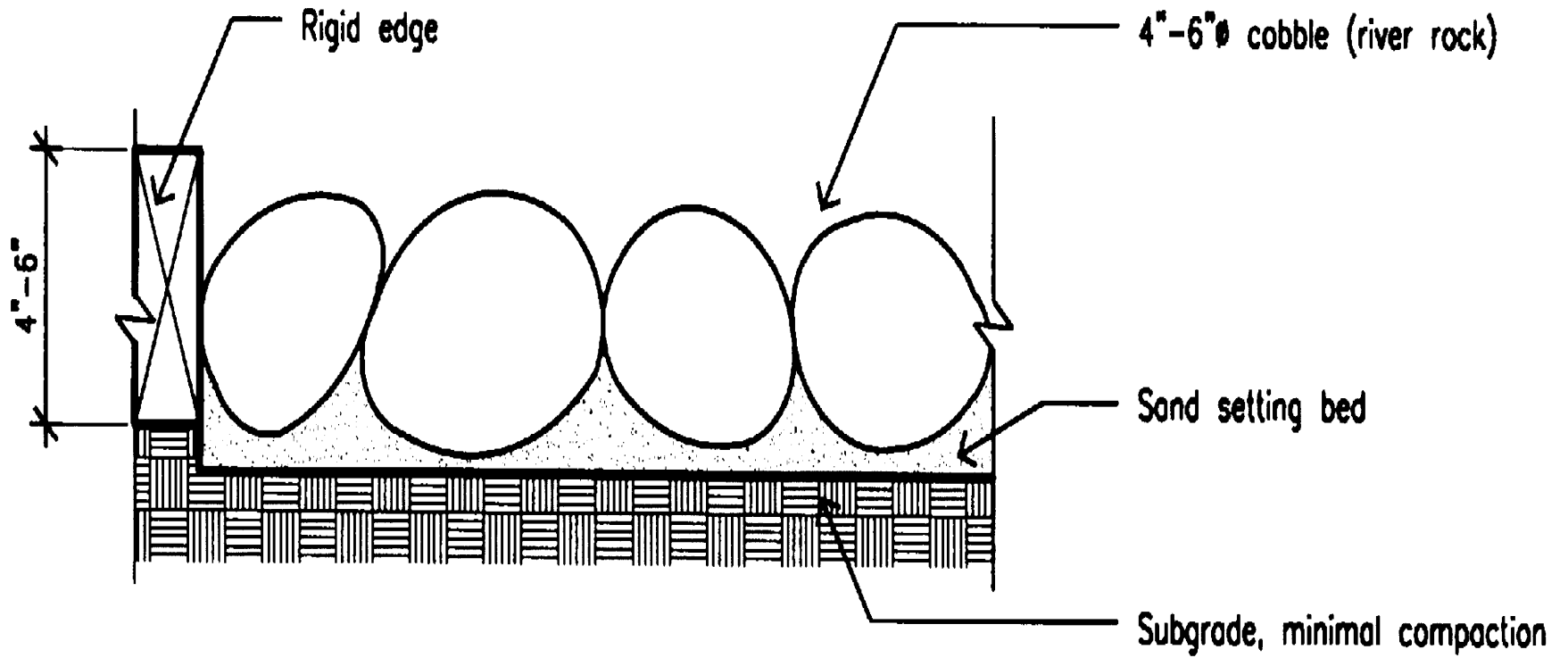
pervious concrete



brick



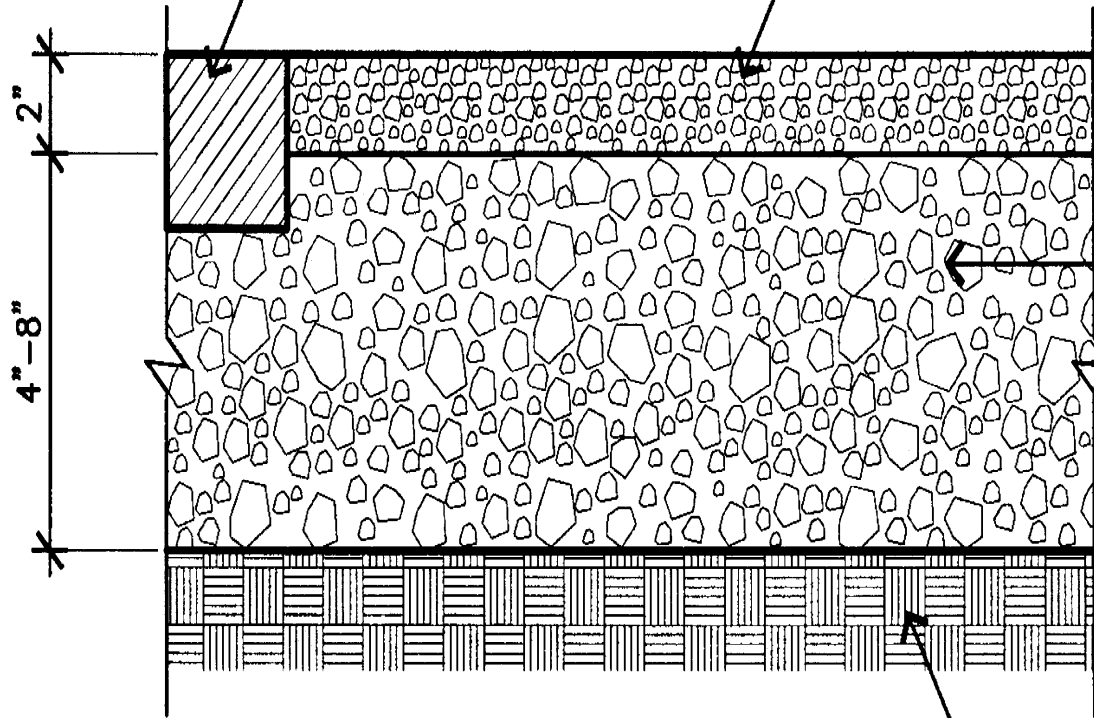
cobbles



crushed aggregate

Rigid edge, all sides  
(concrete, metal,  
stone or wood)

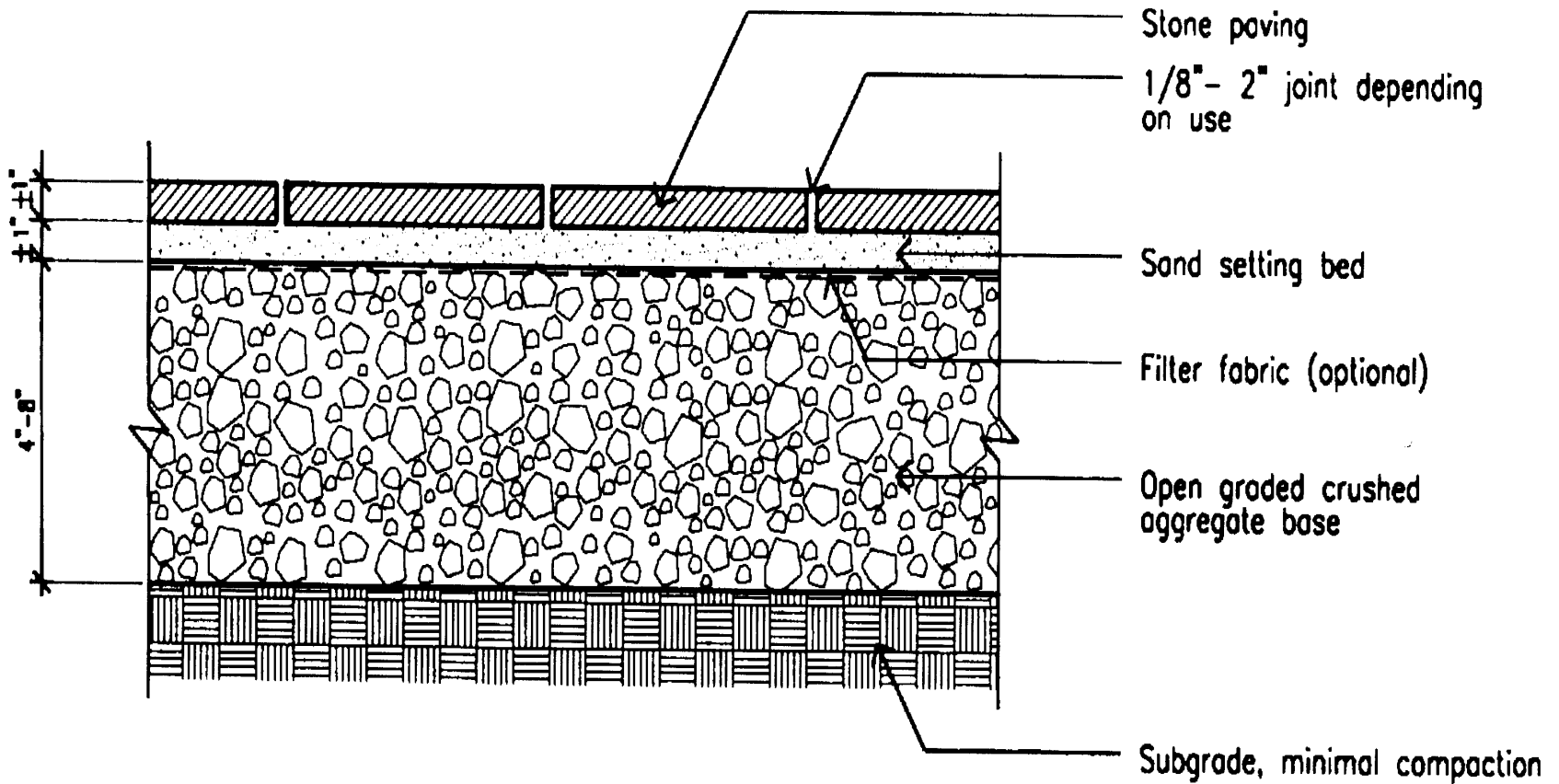
surface course crushed  
aggregate, compacted  
( $3/8'' - 3/4''$  size)



Base course, 1-1/2" crushed  
aggregate, compacted

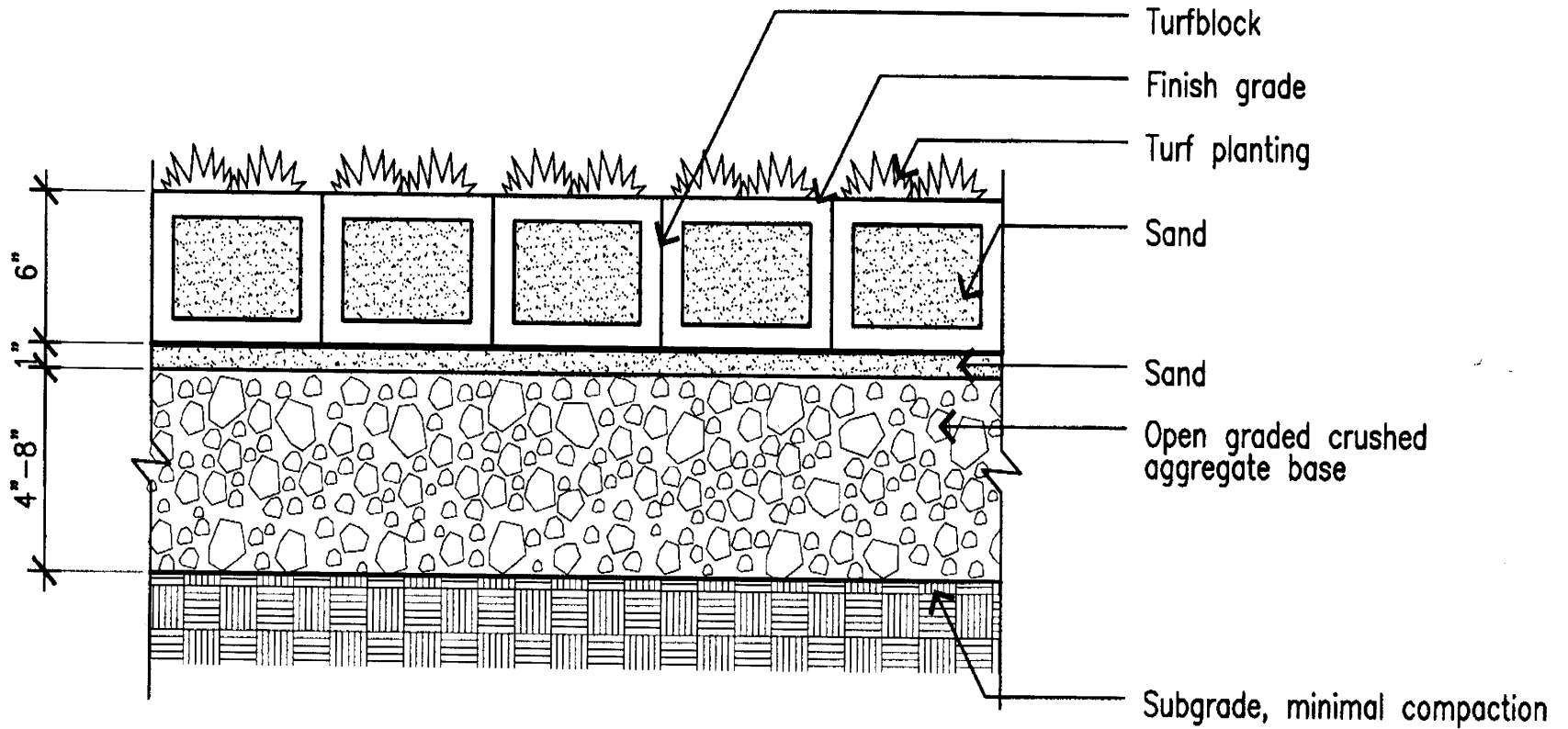
Subgrade, minimal compaction

natural stone

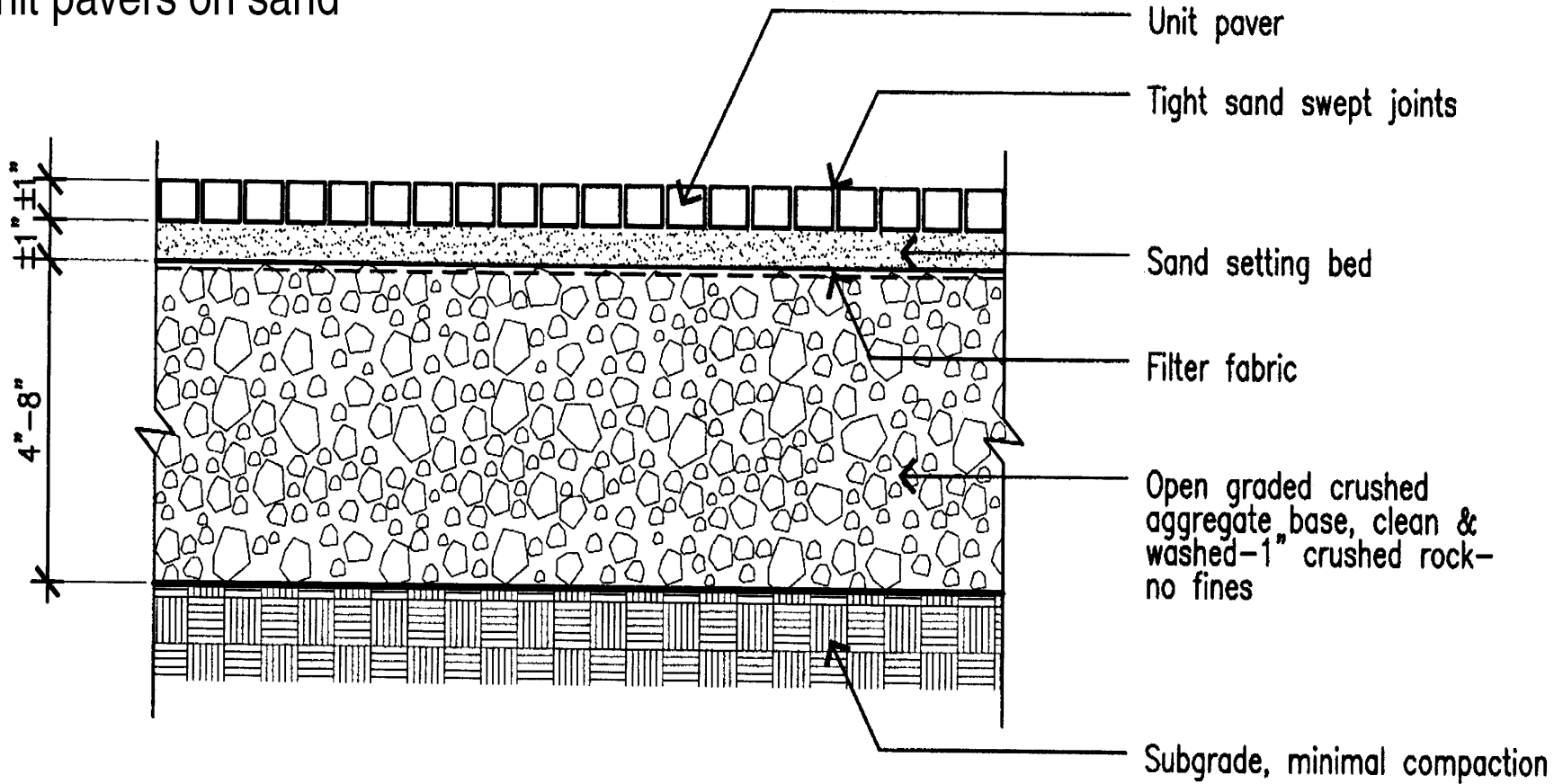


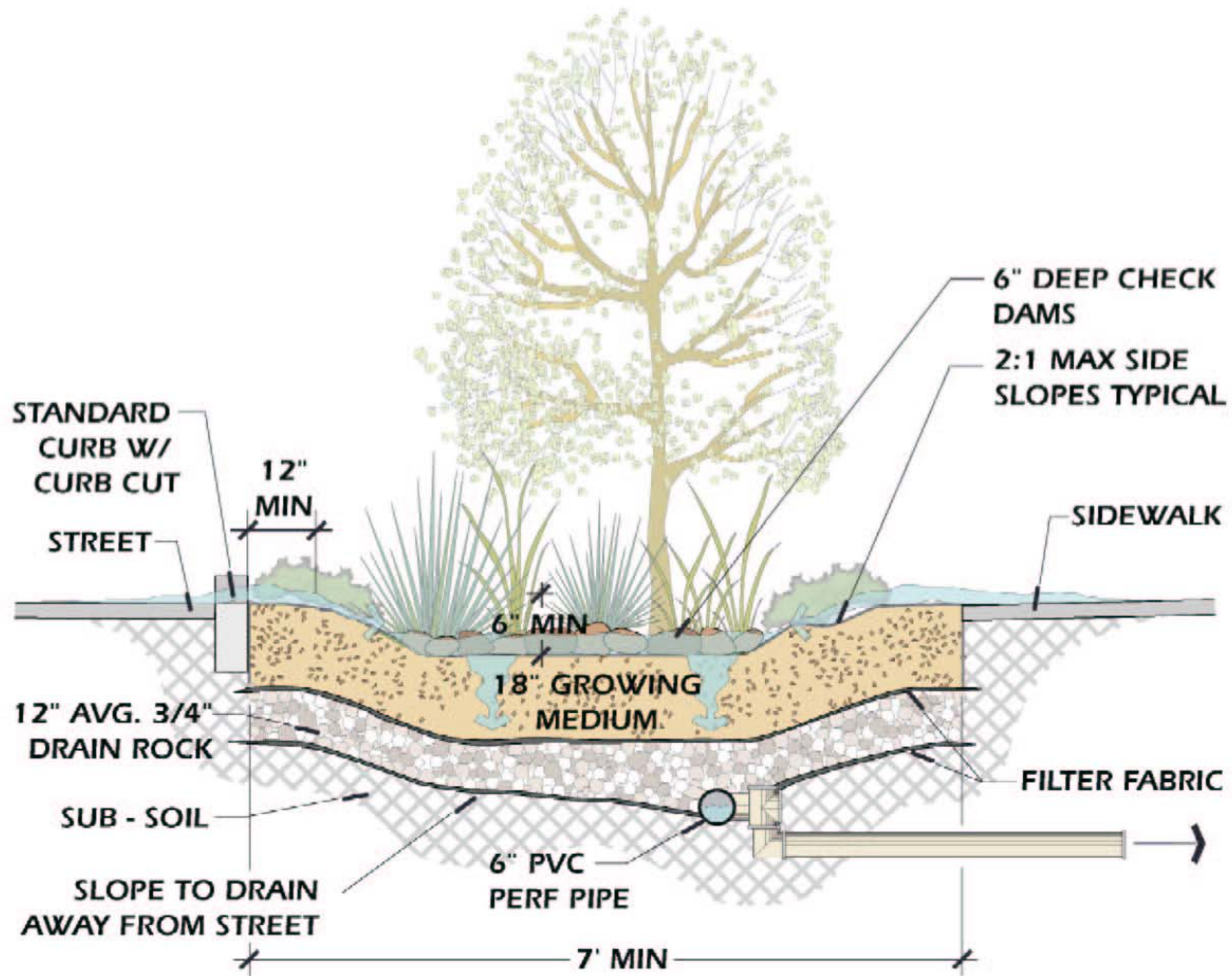


# Turf block



# unit pavers on sand

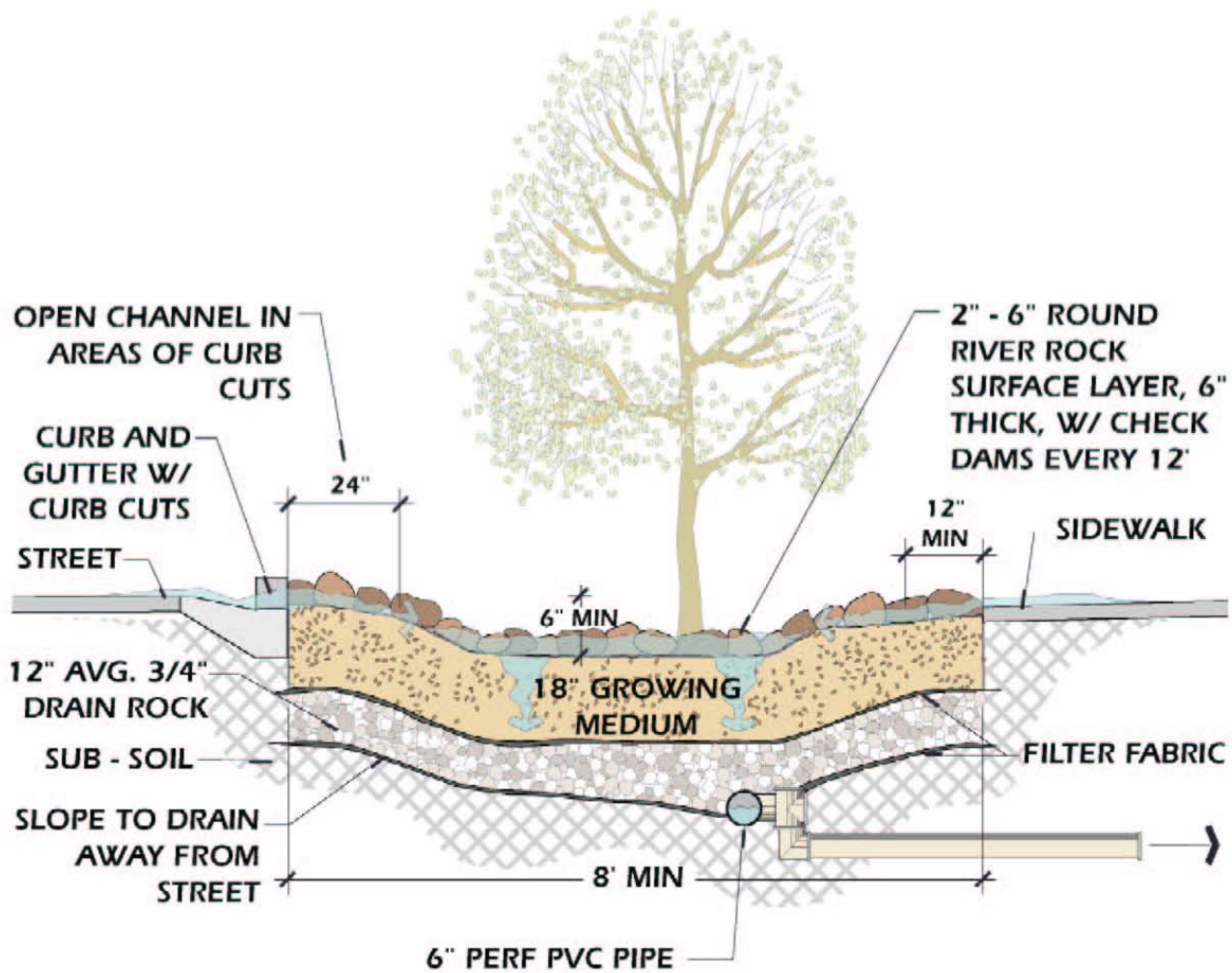




**SIMPLIFIED APPROACH DESIGN CRITERIA**

**Lowered Planter Strip - Private Street Design**

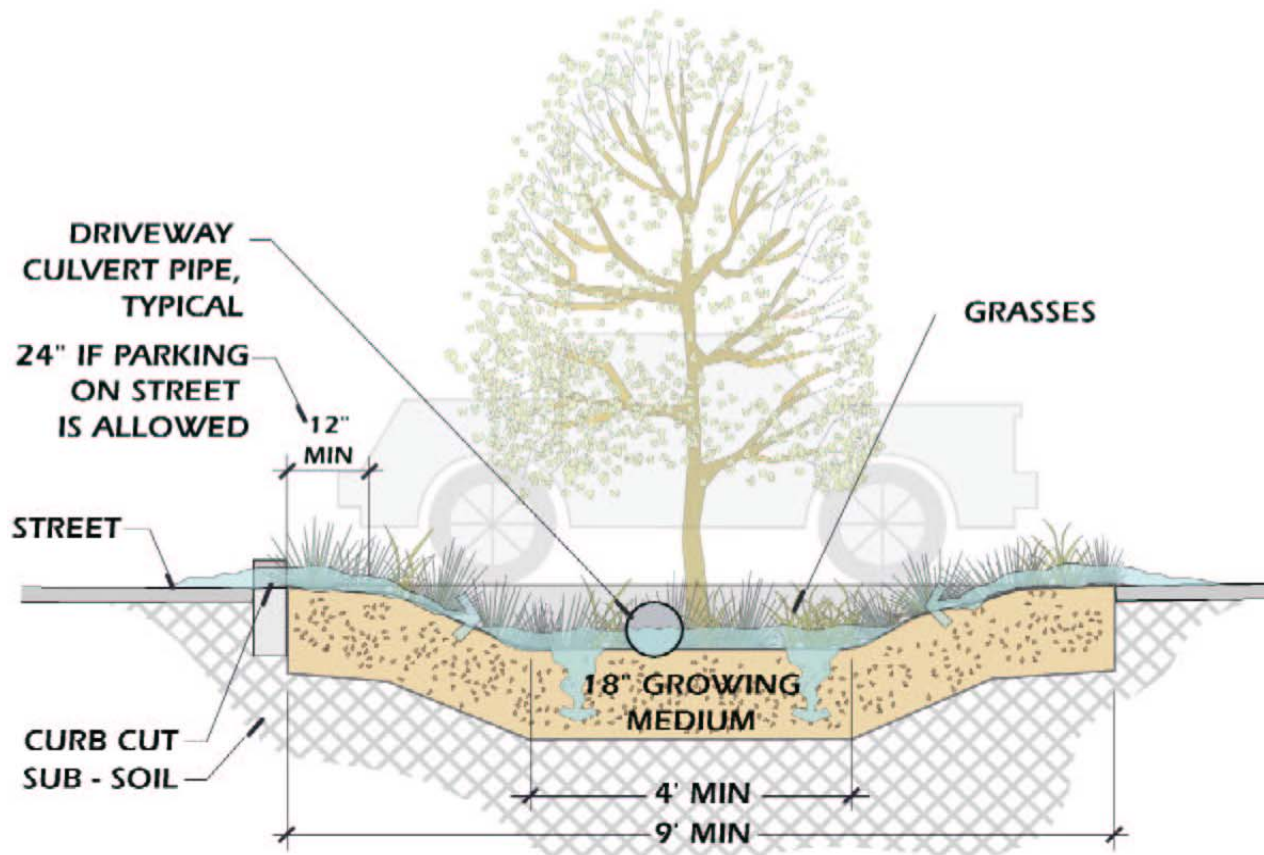
7/8/02



**SIMPLIFIED APPROACH DESIGN CRITERIA**

**Lowered Planter Strip - Parking Allowed**

7/8/02

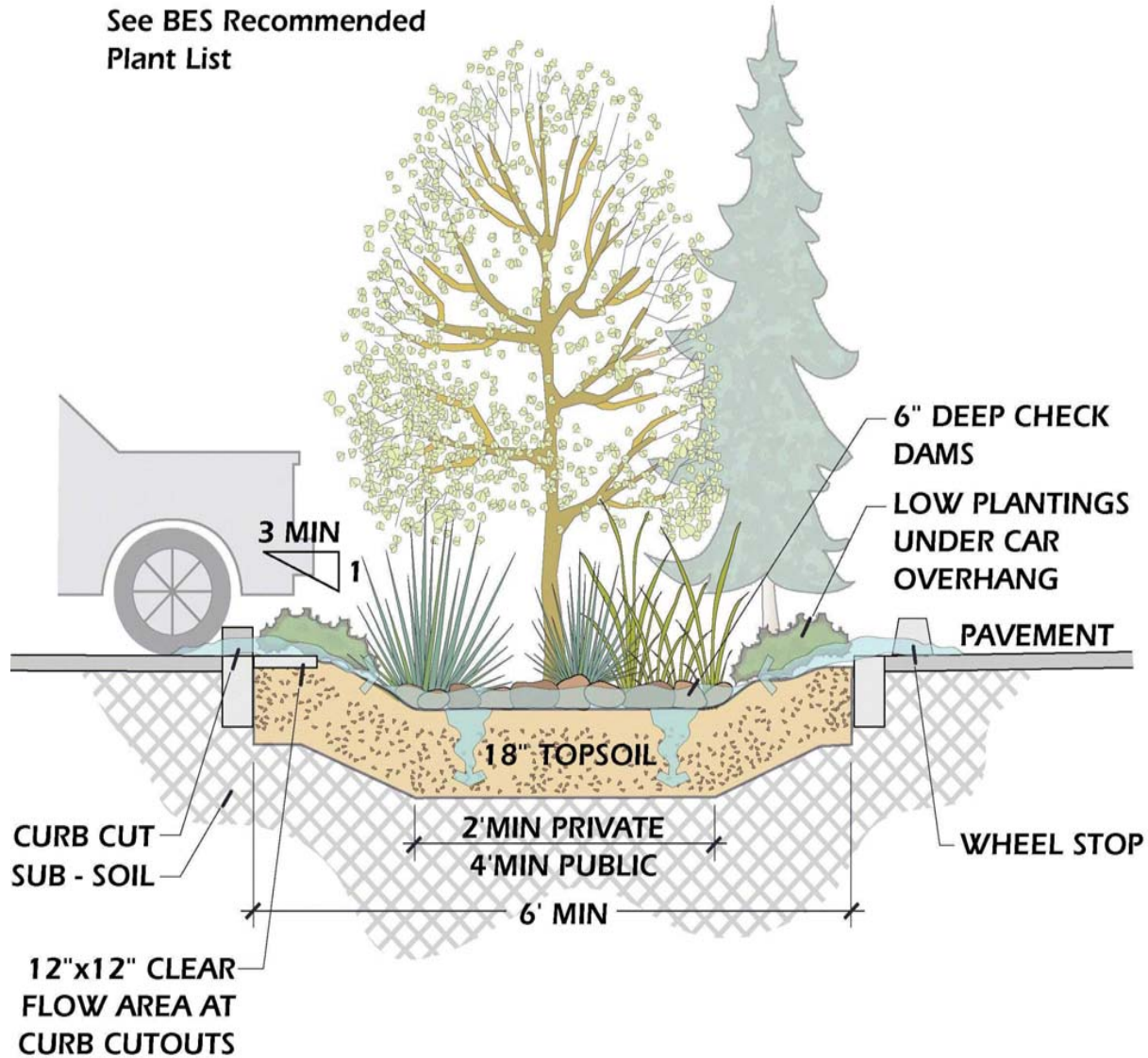


**SIMPLIFIED APPROACH DESIGN CRITERIA**

**Side Swale - Cross Section**

7/8/02

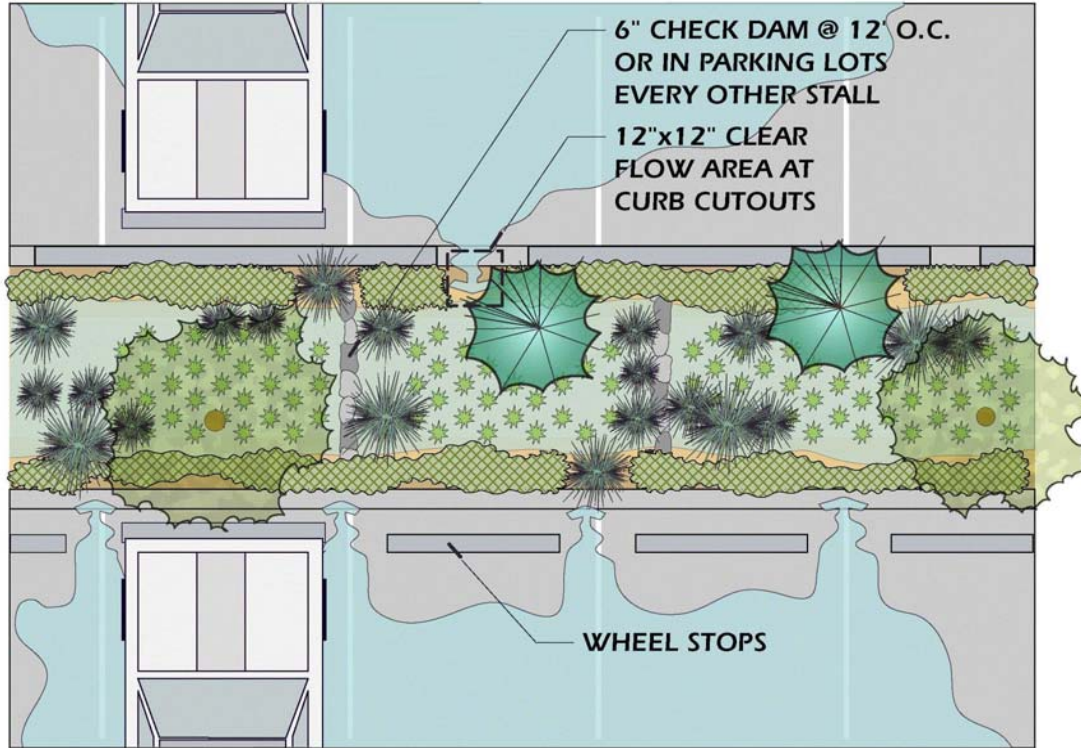
**PLANTINGS:**  
See BES Recommended  
Plant List



## Vegetated Swale

Parking Lot Application

# LEGEND



Swale Area = Approx. 400 sq. ft.  
(Not to Scale)

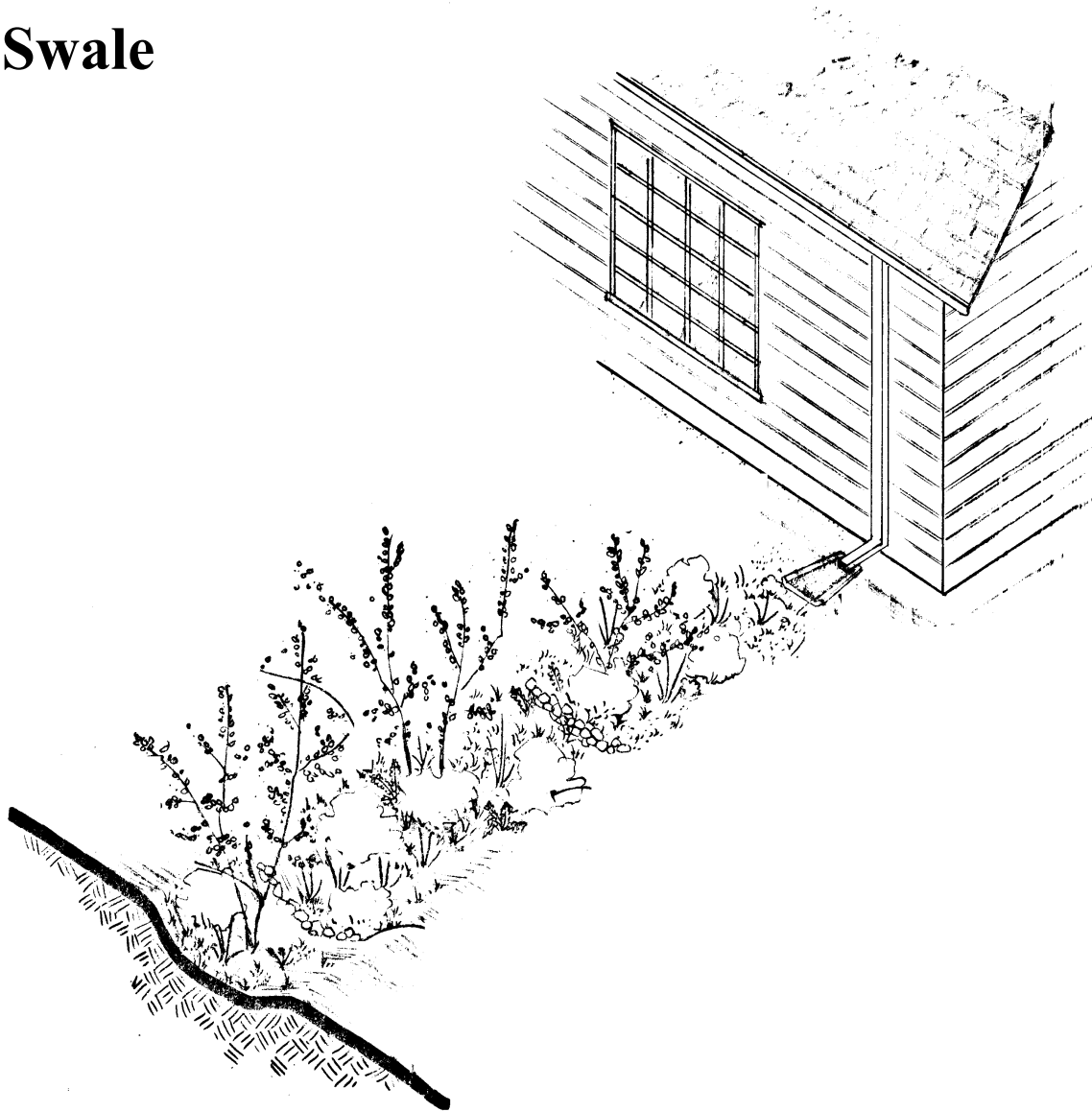
### Notes:

1. At least 50% of the facility shall be planted with grasses or grass-like plants, primarily in the flow path.
2. Large grass like plants can be considered as shrubs. See BES recommended plant list and parking lot tree list and plant quantity requirements.

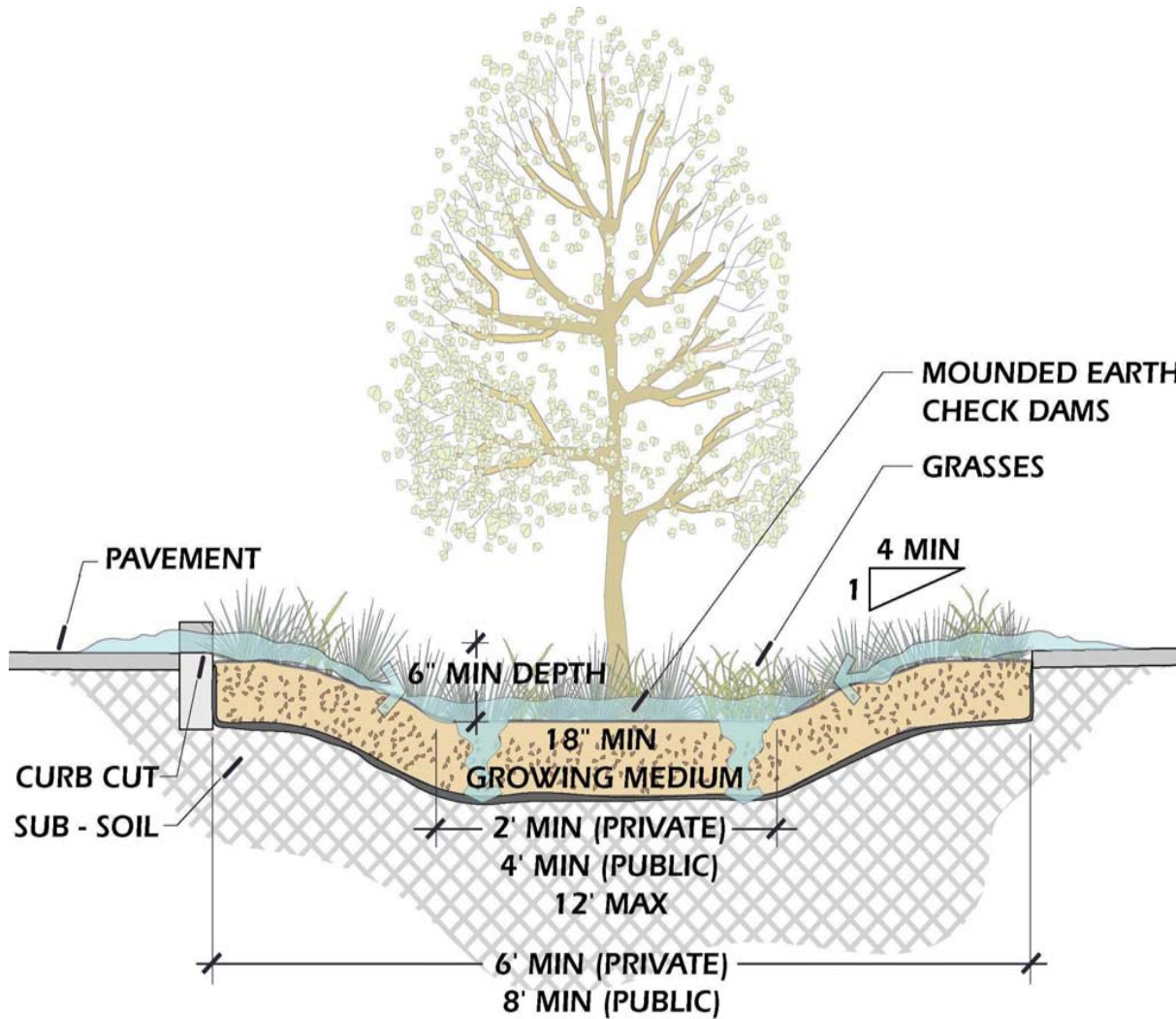
## Vegetated Swale - Plan

## Parking Lot Application

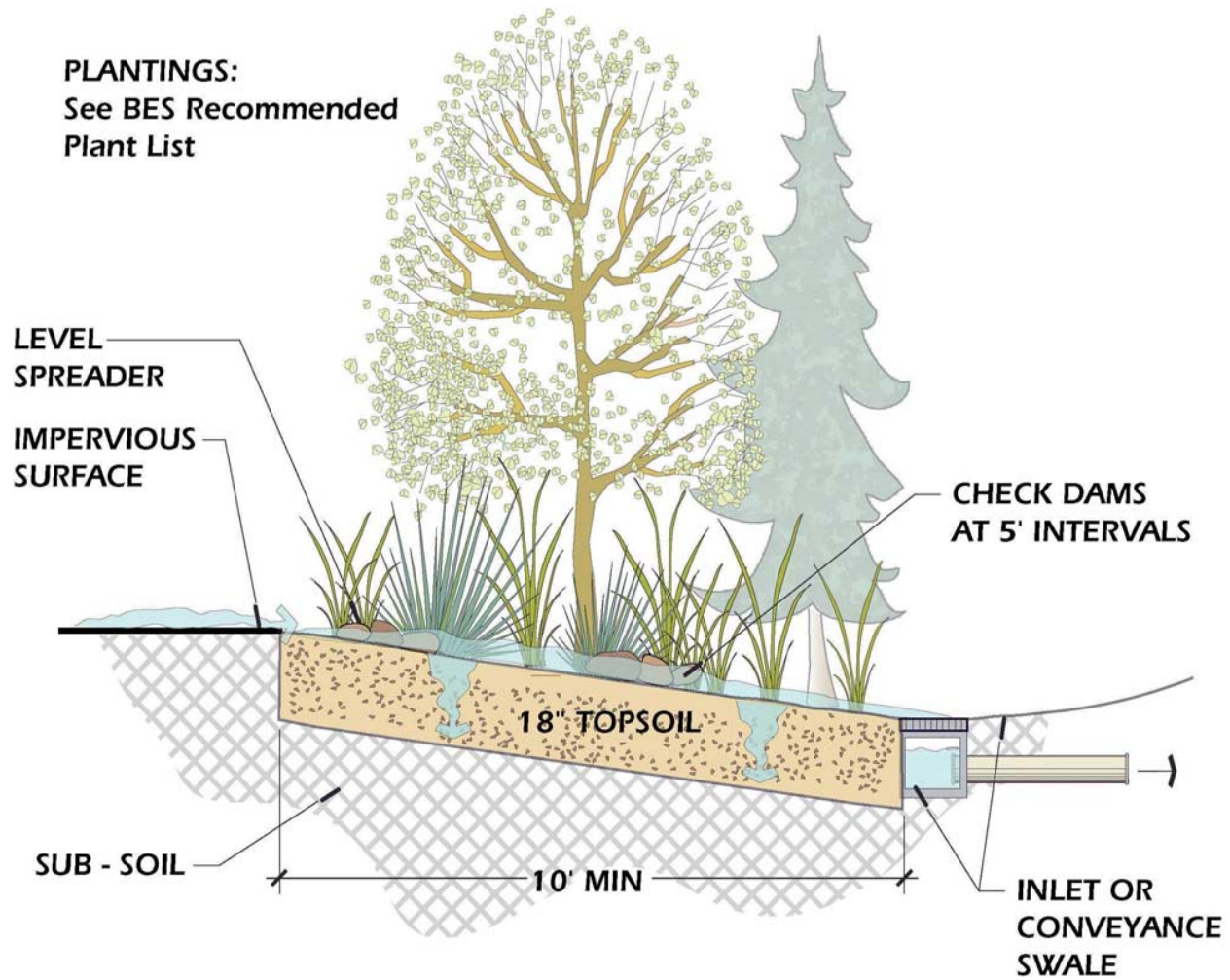
# Vegetated Swale





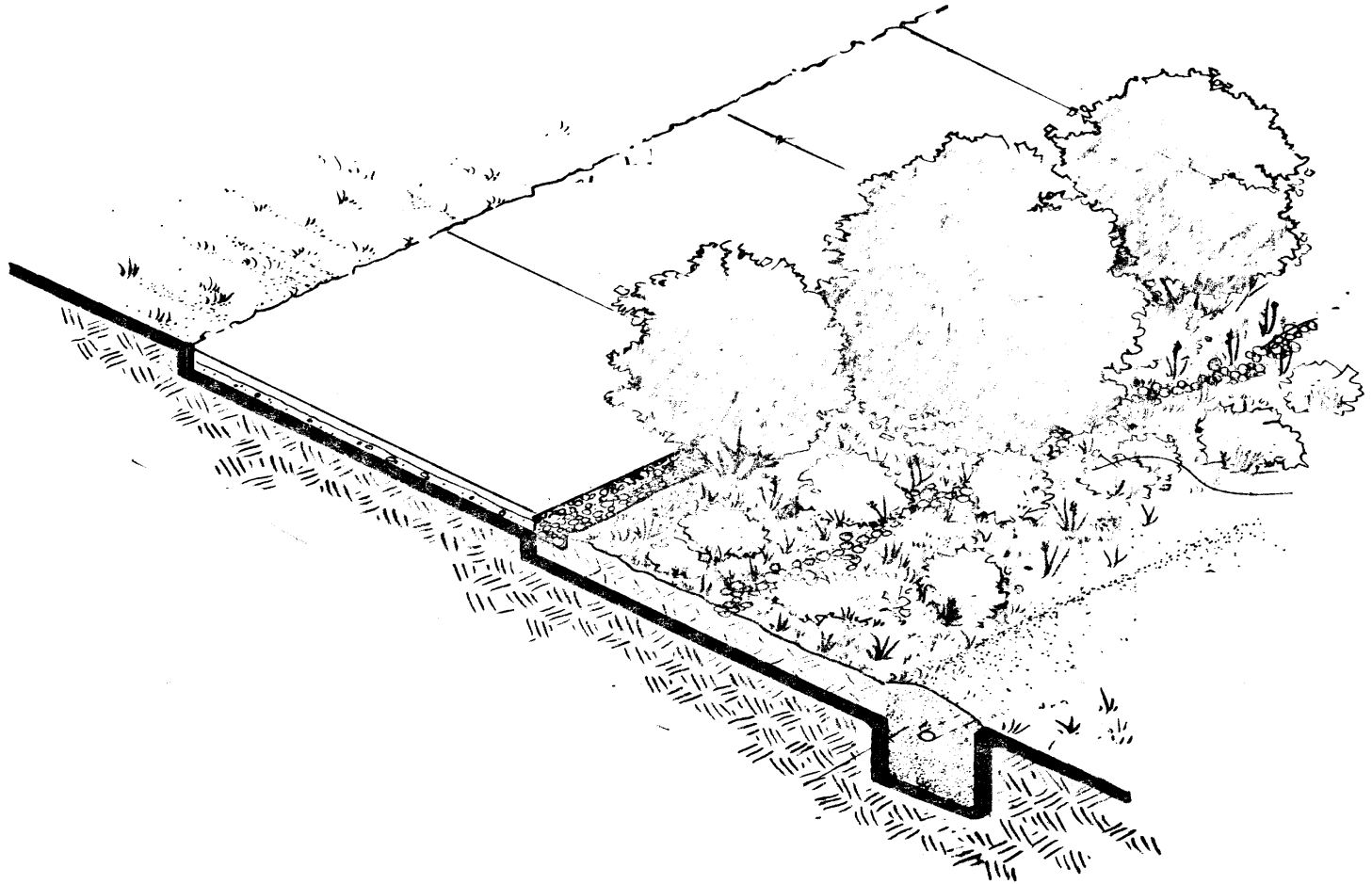


## Grassy Swale

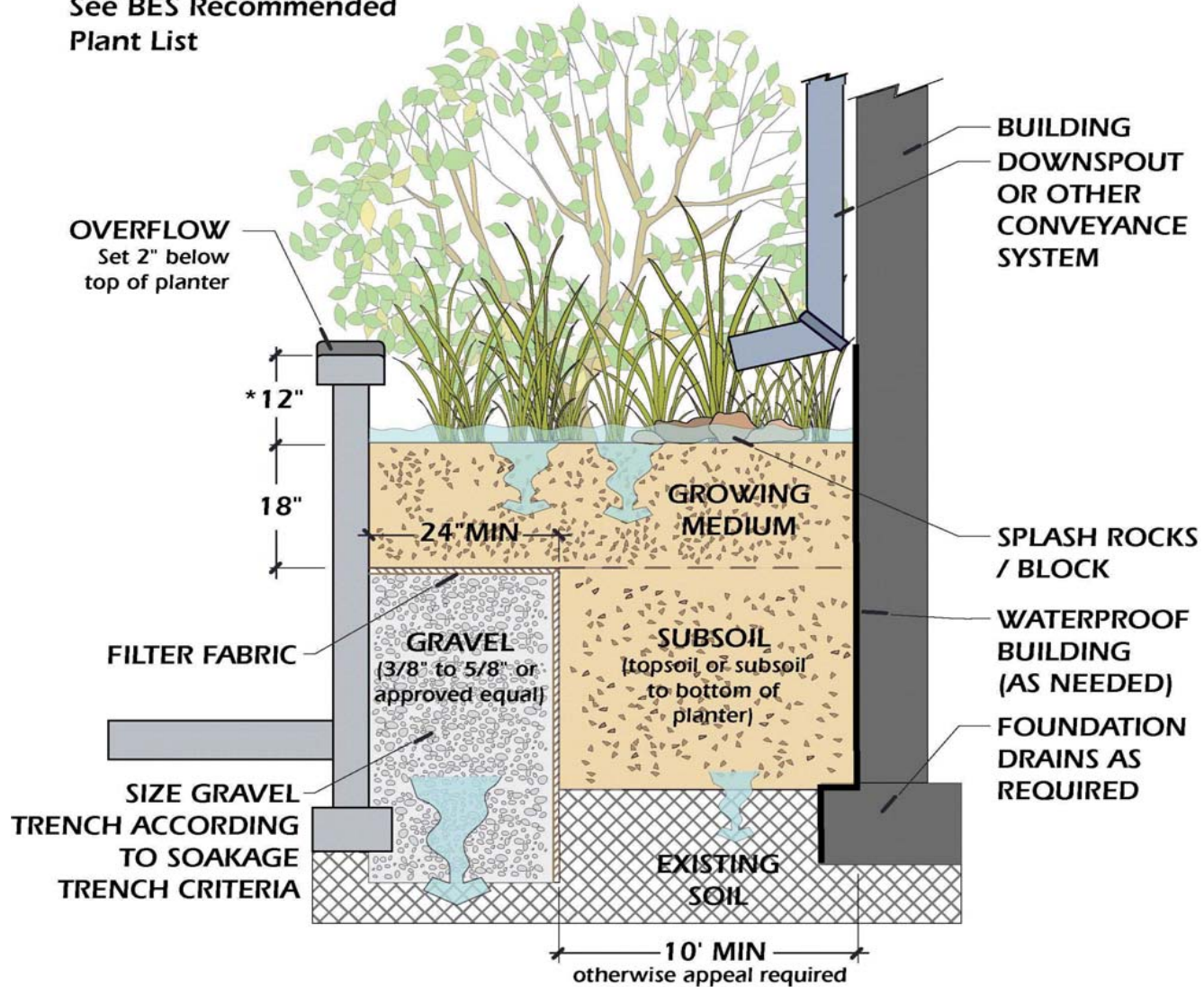


# Vegetated Filter

# Vegetated Filter



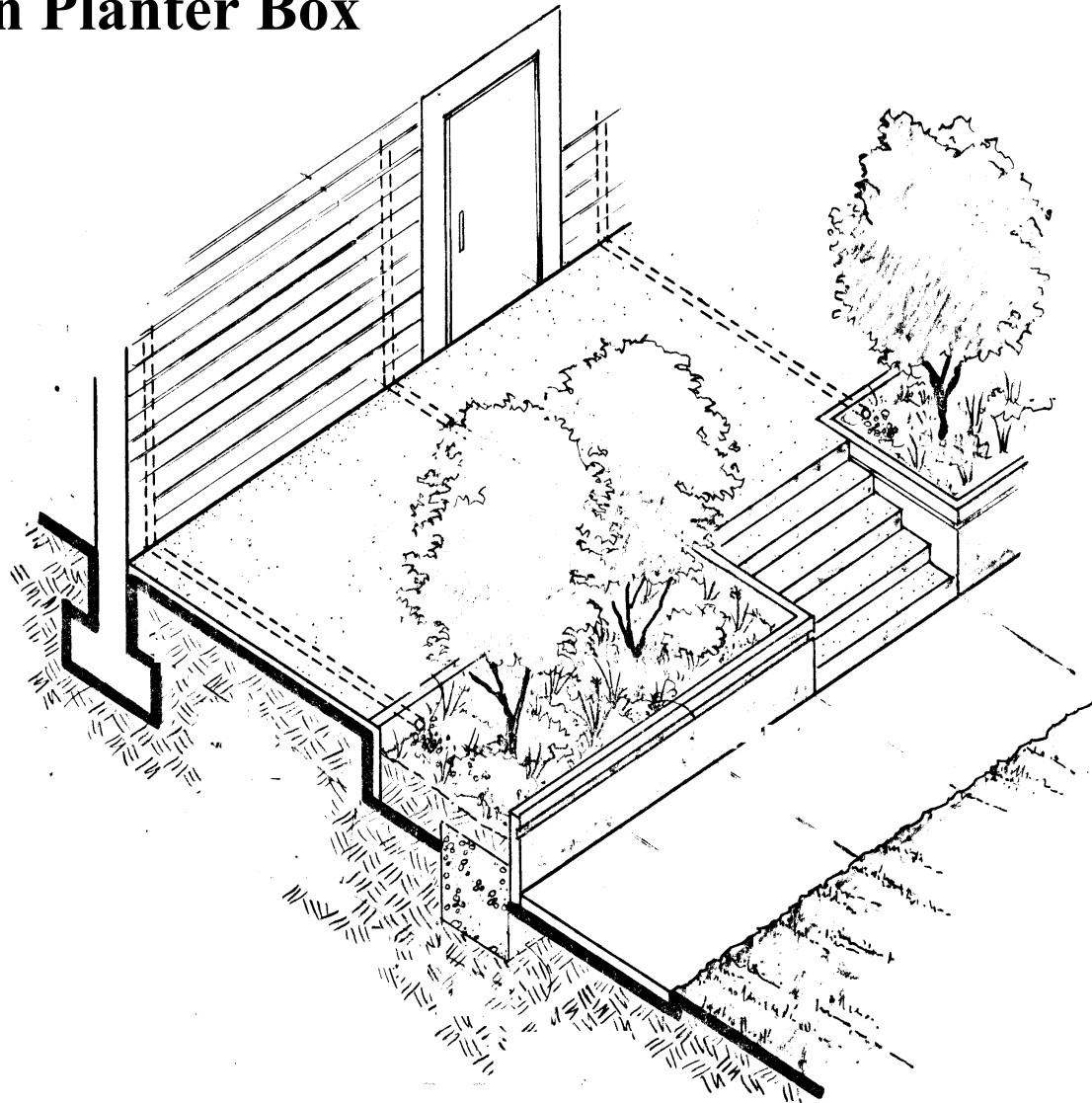
**PLANTINGS:**  
See BES Recommended  
Plant List



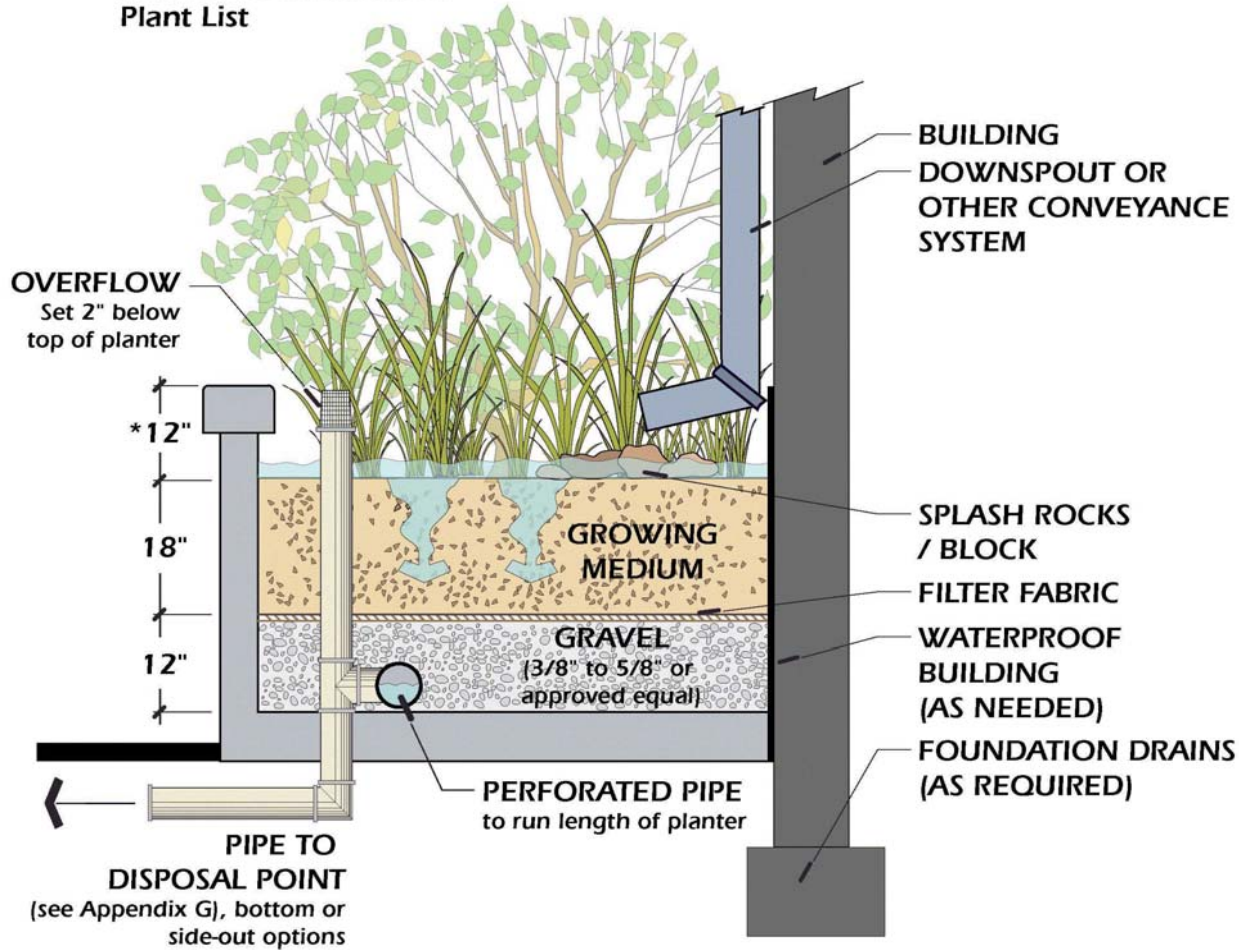
\*Water reservoir depth may be reduced if planter surface area is increased.

## Infiltration Planter

# Infiltration Planter Box



**PLANTINGS:**  
See BES Recommended  
Plant List



\*Water reservoir depth may be reduced if planter surface area is increased.

## Flow-Through Planter Box

## LEGEND



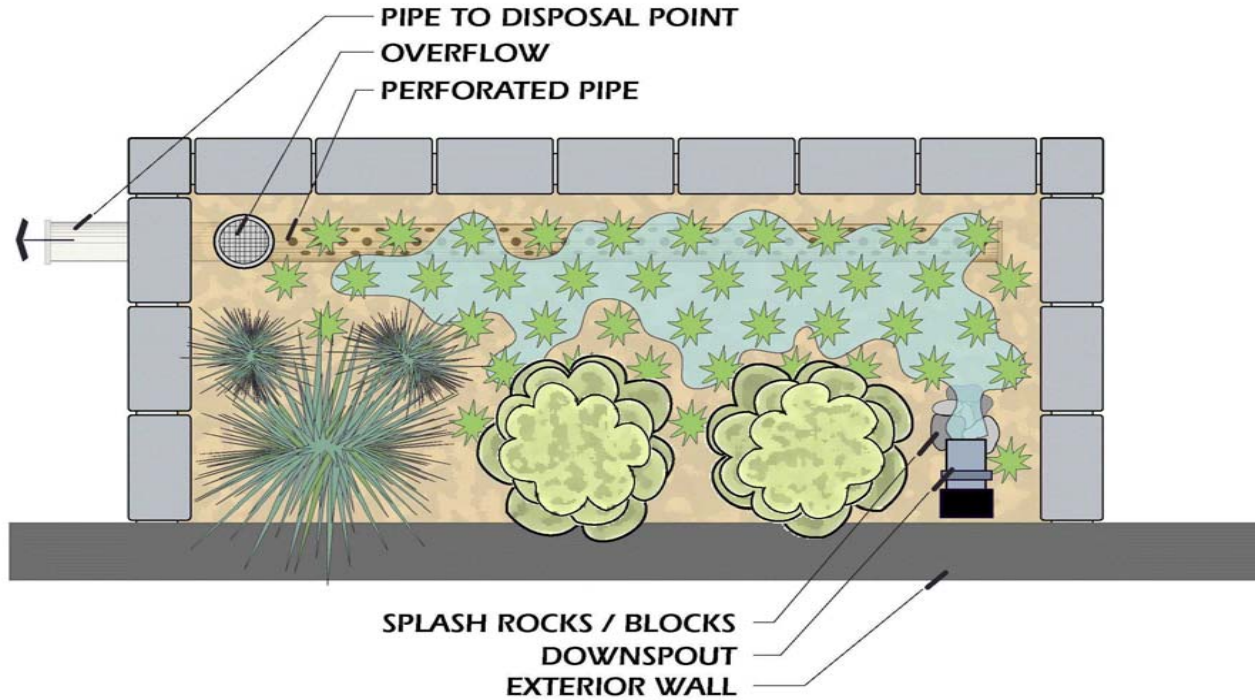
Large Shrub /  
Small Tree



Shrub / Large  
Grasslike Plants



Groundcover and  
Grass / Grasslike  
Plants



Planter Area = Approx. 50 sq. ft.

### Notes:

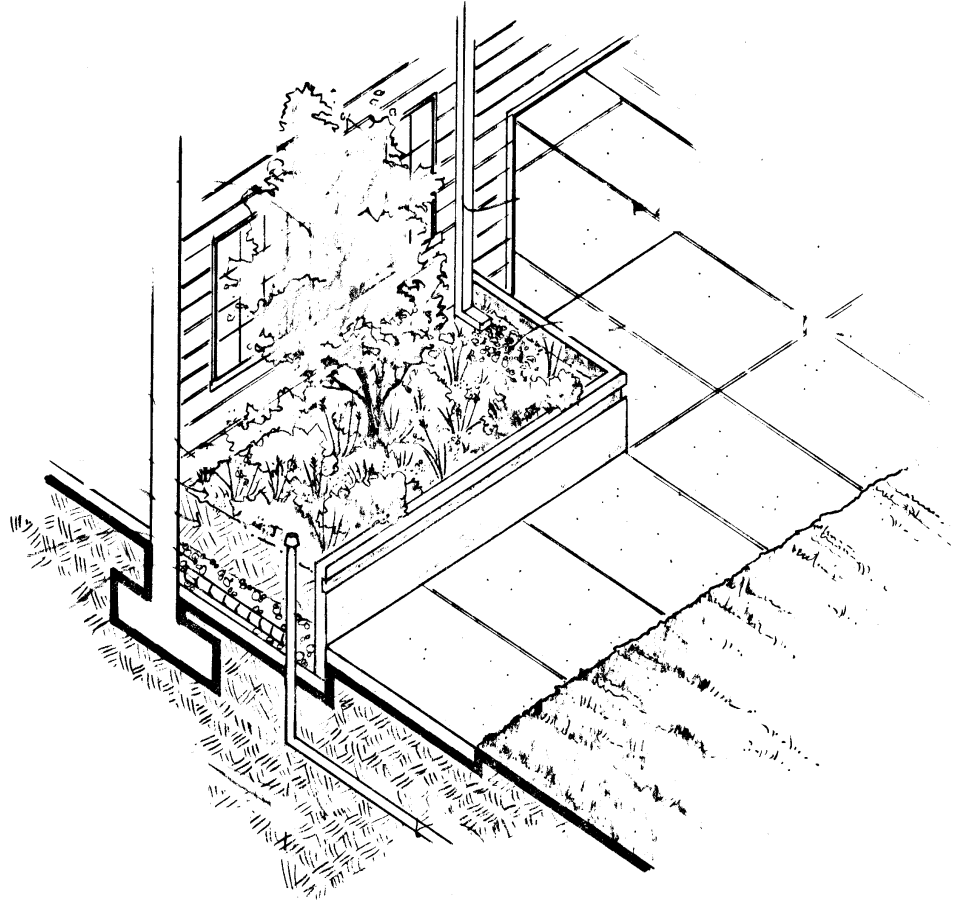
Not to Scale

1. At least 50% of the facility shall be planted with grasses or grass-like plants, primarily in the flow path. Large grass like plants can be considered as shrubs.

2. See BES recommended plant list, and quantity requirements.

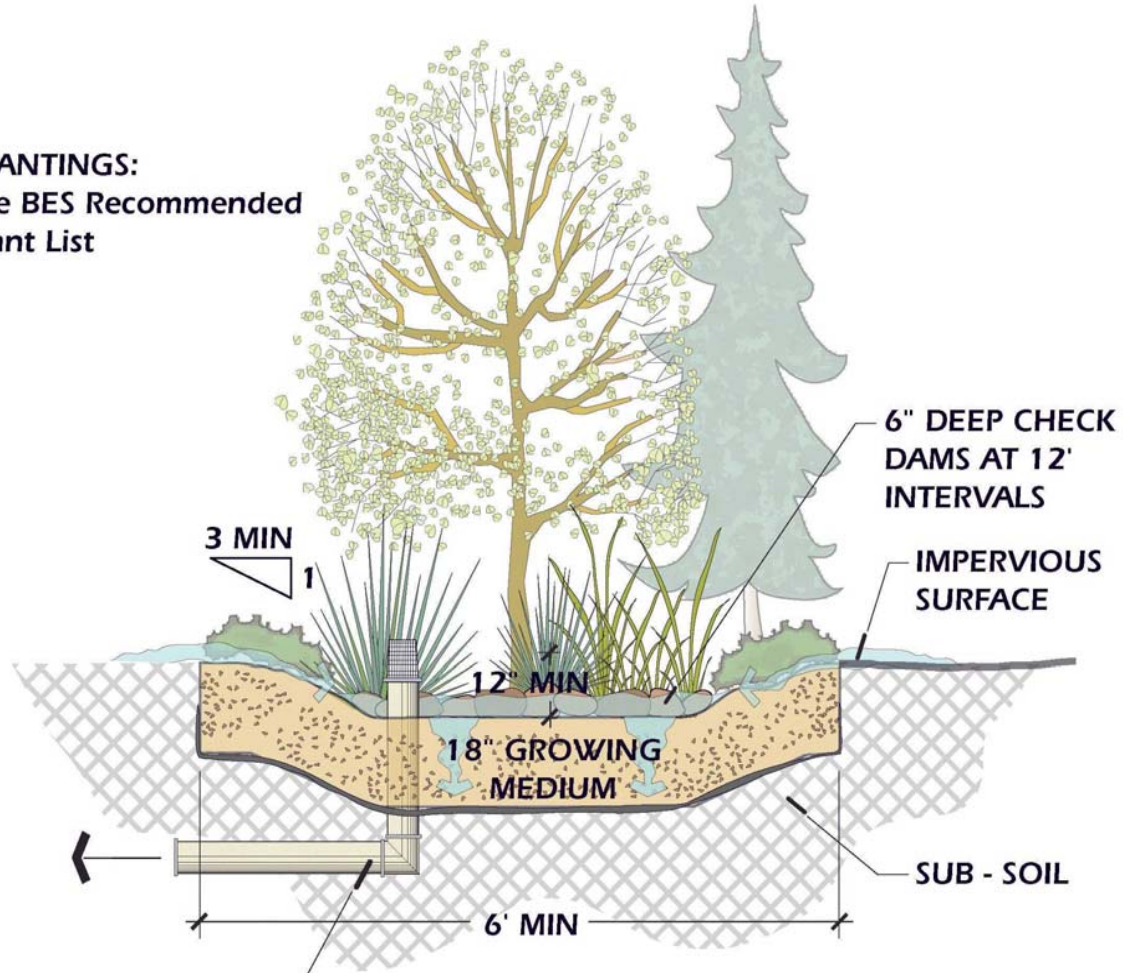
## Flow-Through Planter - Plan

# Flow-Through Planter Box





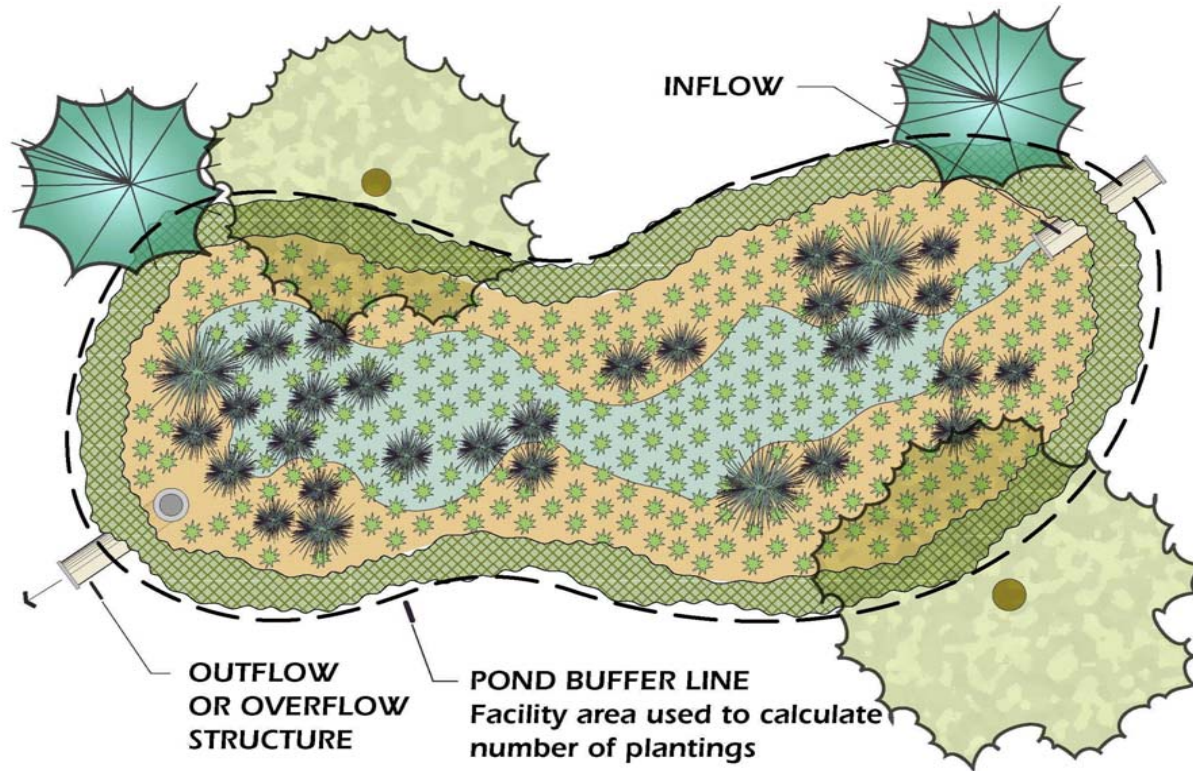
**PLANTINGS:**  
See BES Recommended  
Plant List



**OVERFLOW**  
SET INLET AT LEAST 3"  
BELOW TOP OF BASIN.  
ADJUST FOR SOIL  
INFILTRATION RATES.

## **Vegetated Infiltration Basin**

## LEGEND



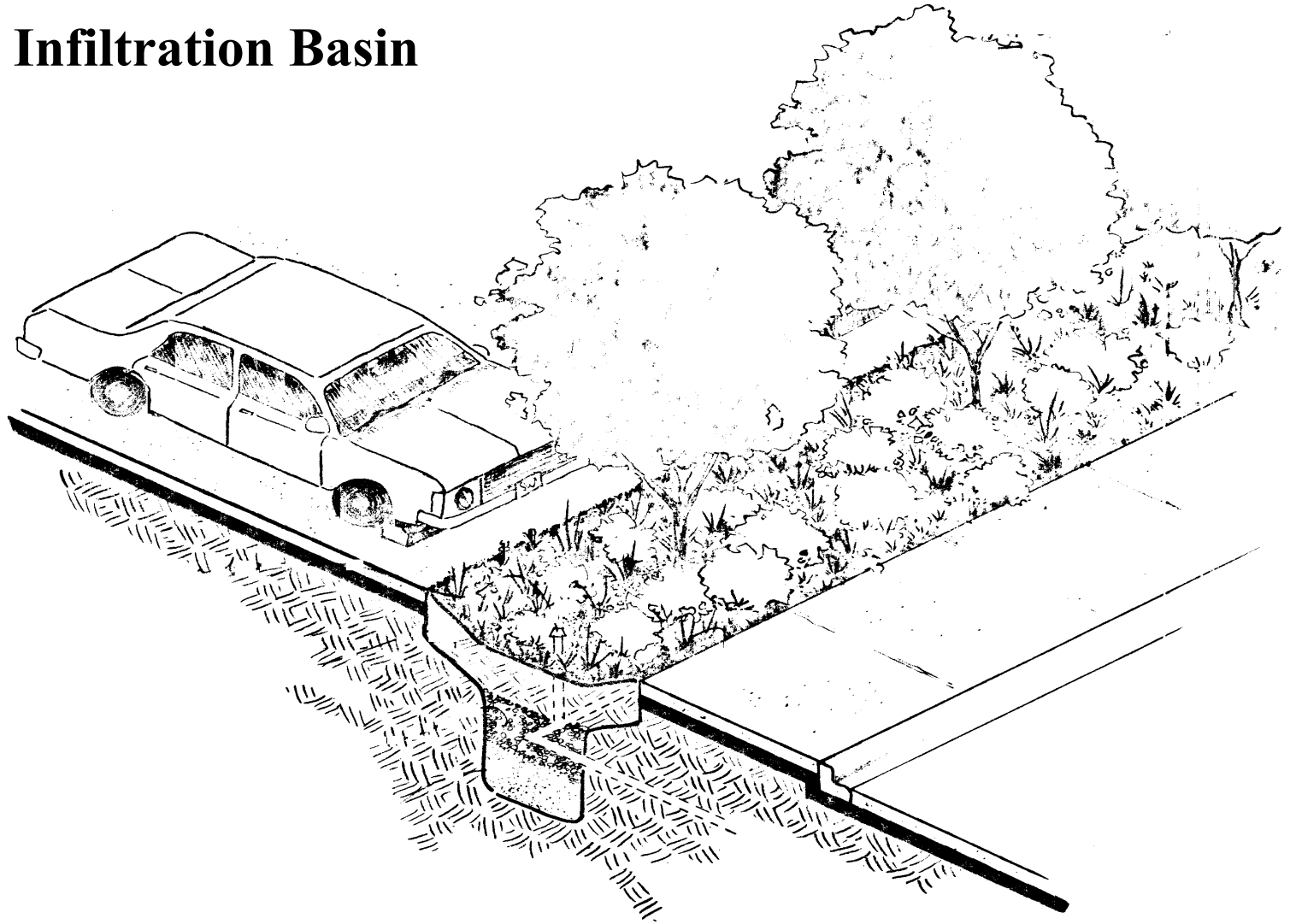
Swale Area = Approx. 1000 sq. ft.  
(Not to Scale)

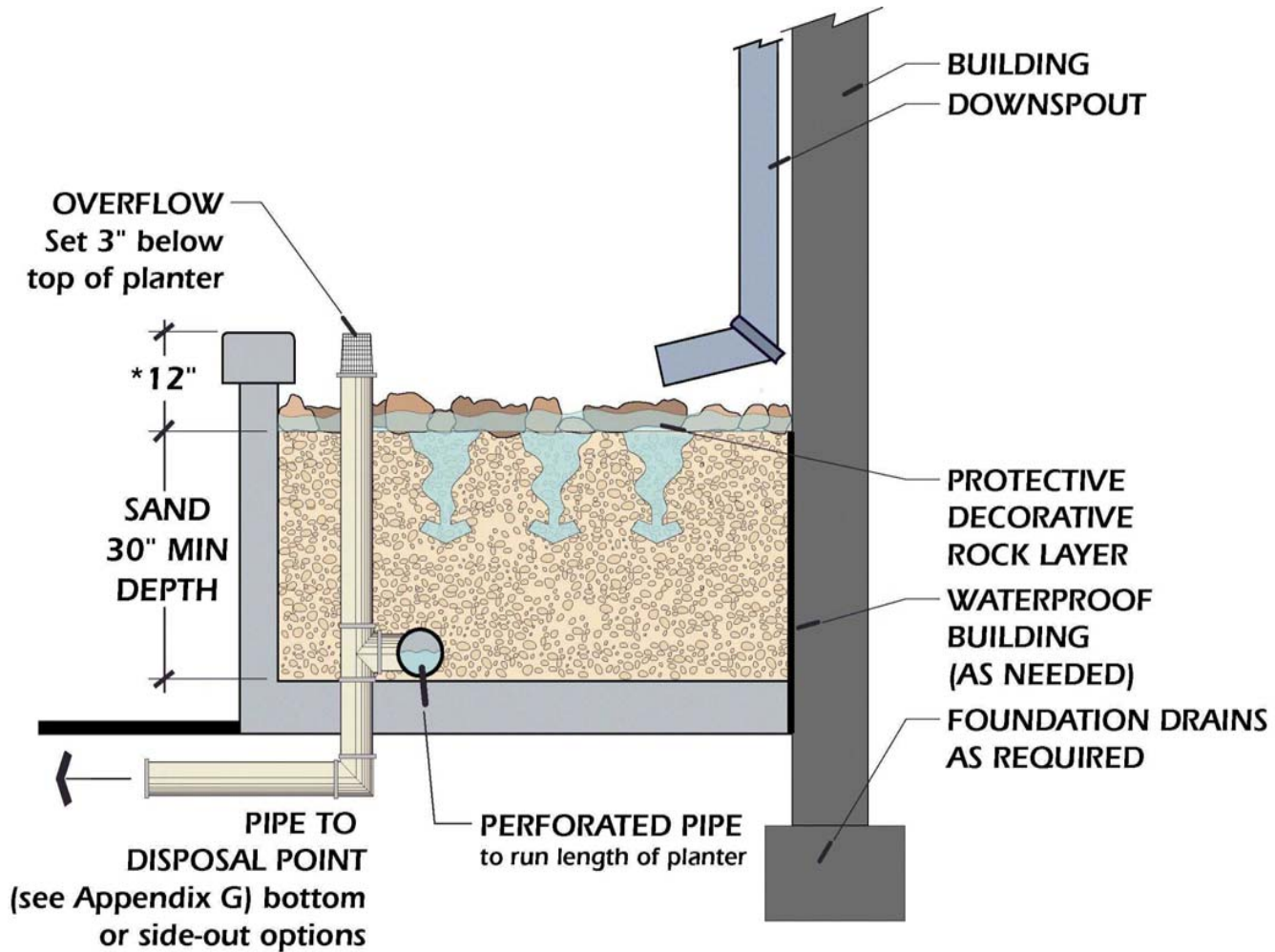
### Notes:

1. At least 50% of the facility shall be planted with grasses or grass-like plants, primarily in the flow path, or basin bottom.
2. Large grass like plants can be considered as shrubs. See BES recommended plant list and parking lot tree list.

# Vegetated Infiltration Basin or Detention Pond - Plan

# Vegetated Infiltration Basin





\*Water reservoir depth may be reduced if planter surface area is increased.

## Sand Filter Planter

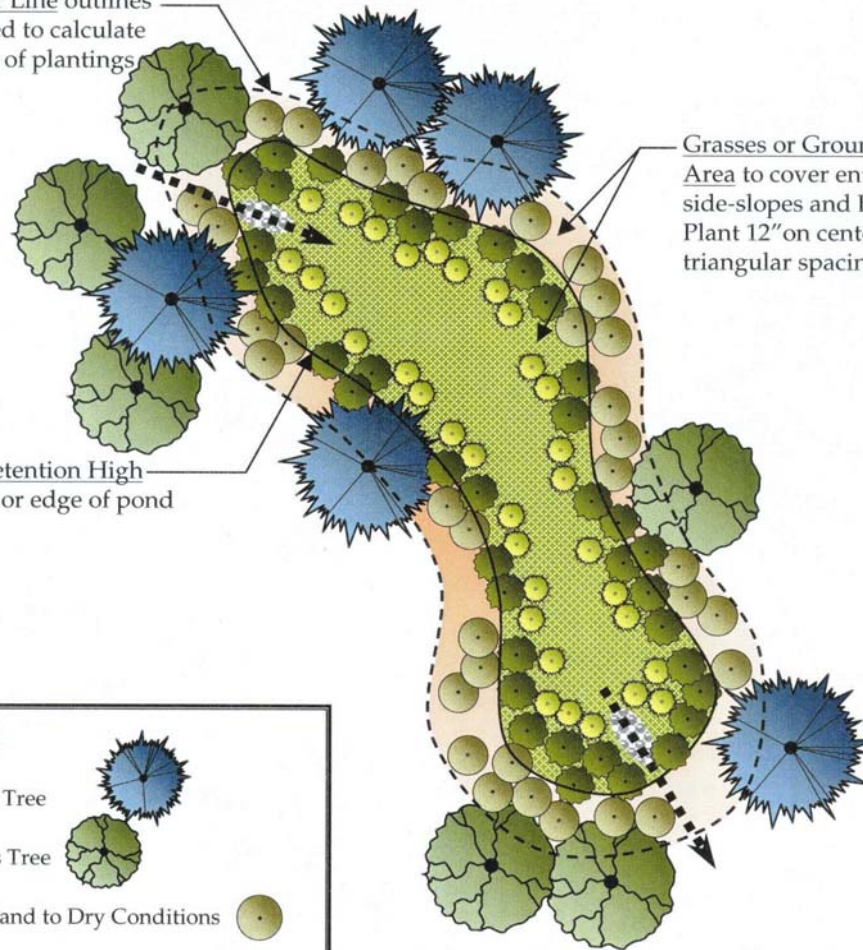
# Dry Detention Ponds

The plan below illustrates a typical planting plan for an approximately 3,500 square foot dry detention pond. This plan is diagrammatic use only. The actual project site condition may require designers to consider numerous other pond configurations and planting layouts.

Pond Buffer Line outlines the area used to calculate the number of plantings required.

Grasses or Groundcover Area to cover entire pond side-slopes and Buffer Zone. Plant 12" on center, with triangular spacing.

Extended Detention High Water Mark or edge of pond grading.



Approx. Scale: 1"=20'

# Wet and Extended Wet Ponds

The plan below illustrates a typical planting plan for an approximately 3,500 square foot wet or extended wet pond. This plan is diagrammatic use only. The actual project site condition may require designers to consider numerous other pond configurations and planting layouts.

