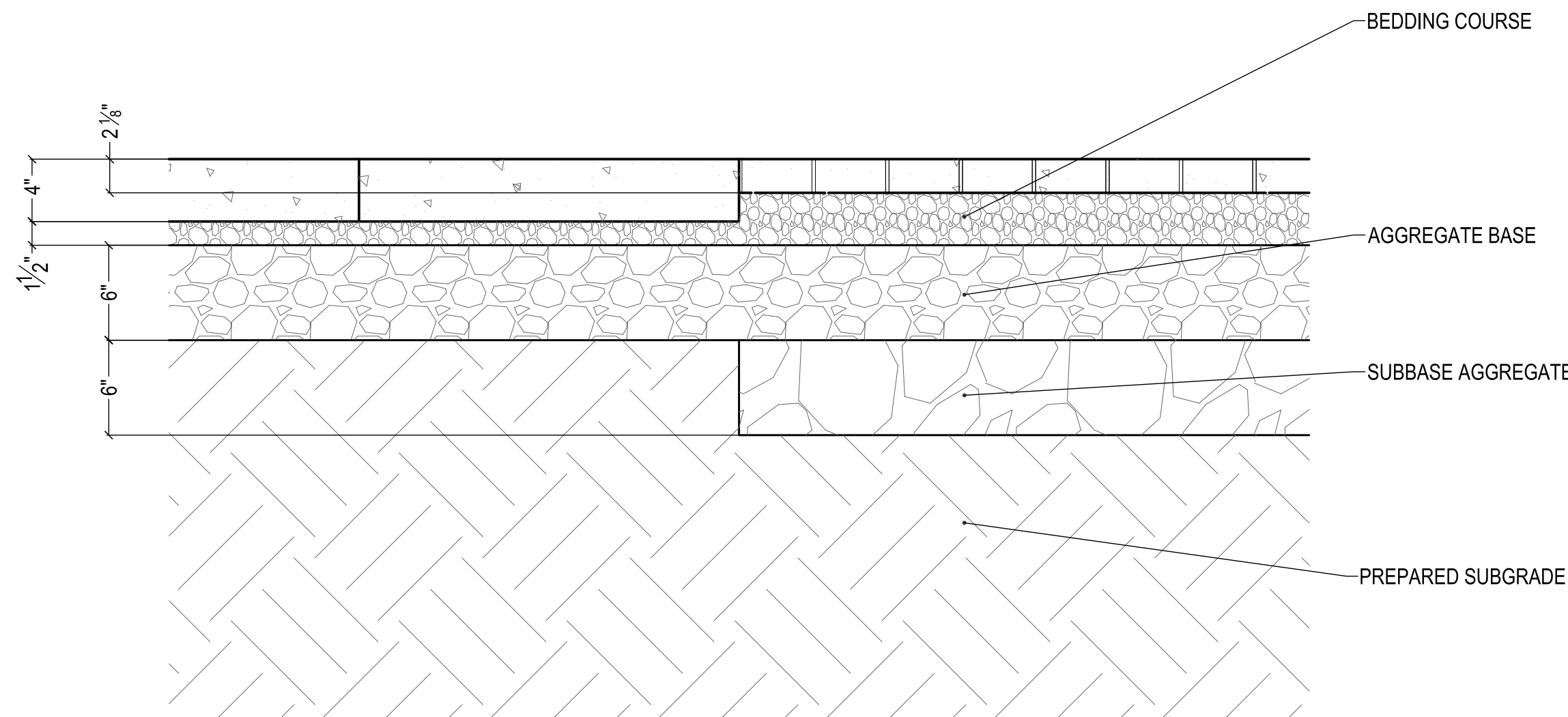
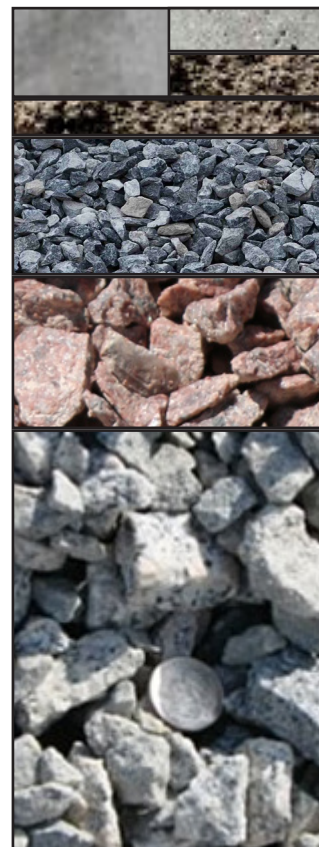


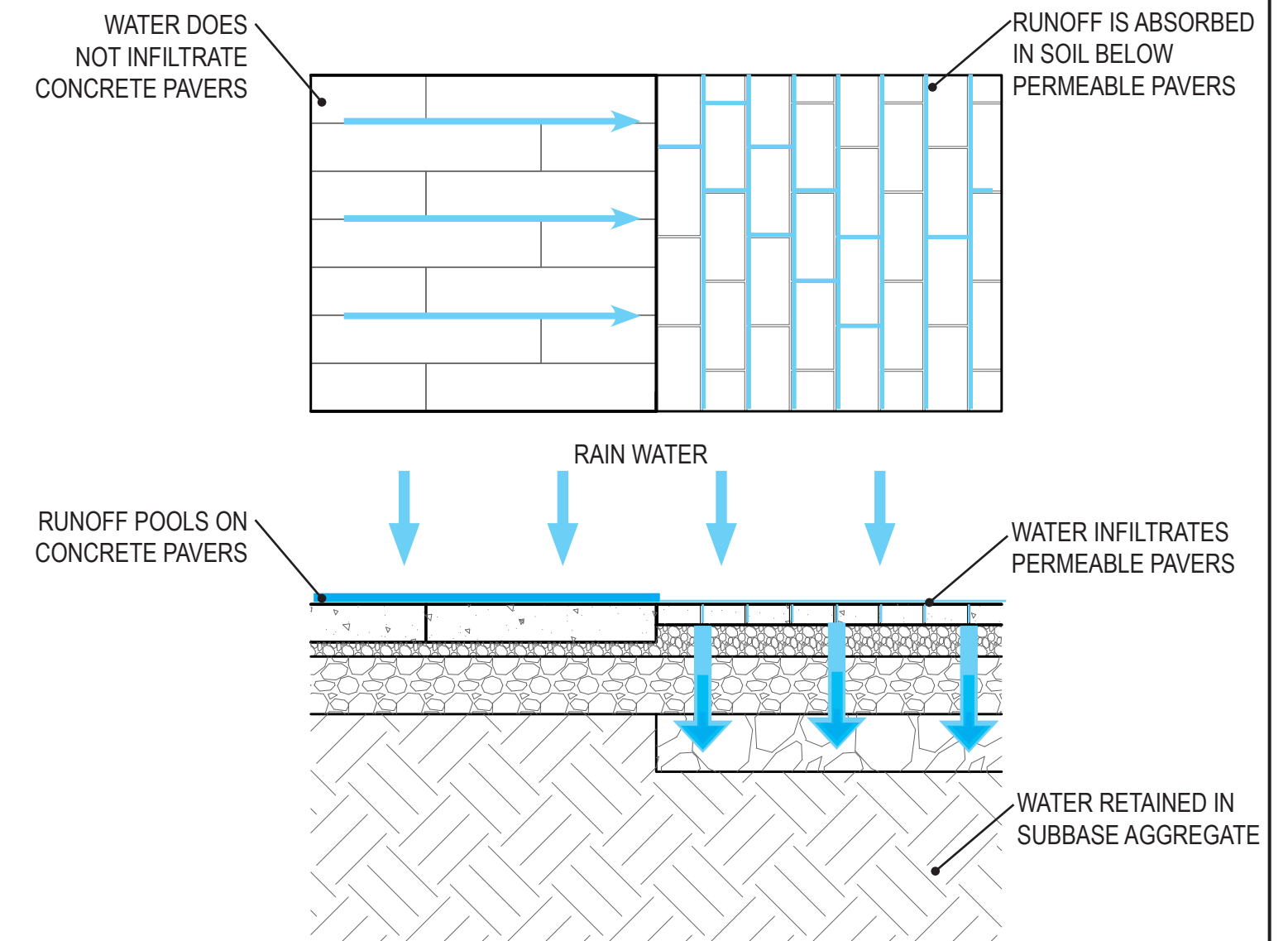
PERSPECTIVE VIEW OF TRANSITION BETWEEN CONCRETE PAVER AND PERMEABLE PAVERS



SOURCE: LOVE LIBRARY NORTH PLAZA

1 UNIT PAVER TO PERMEABLE PAVER TRANSITION

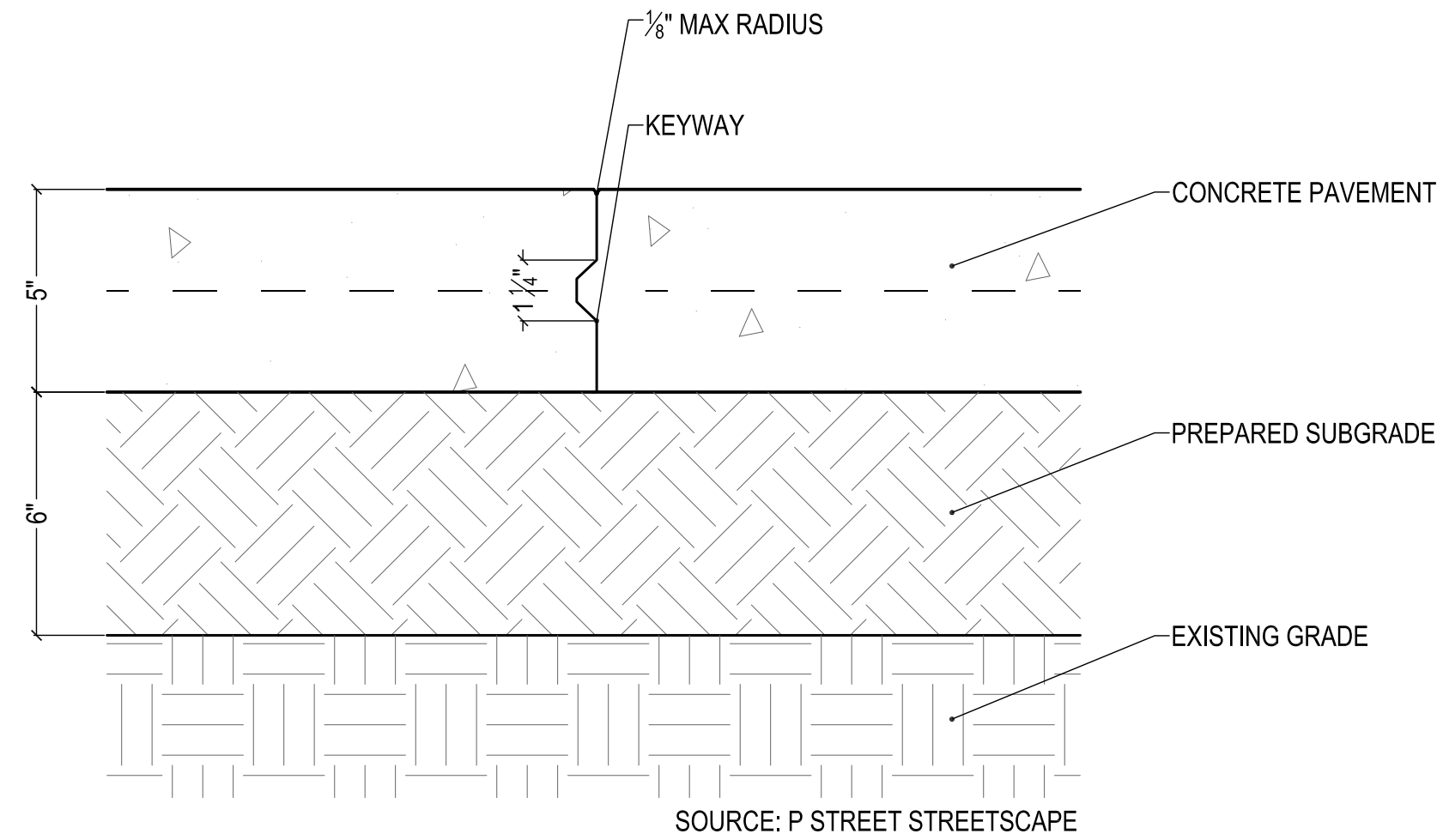
SCALE: 1 1/2" = 1'-0"



SOURCE: LOVE LIBRARY NORTH PLAZA

2 STORMWATER MANAGEMENT

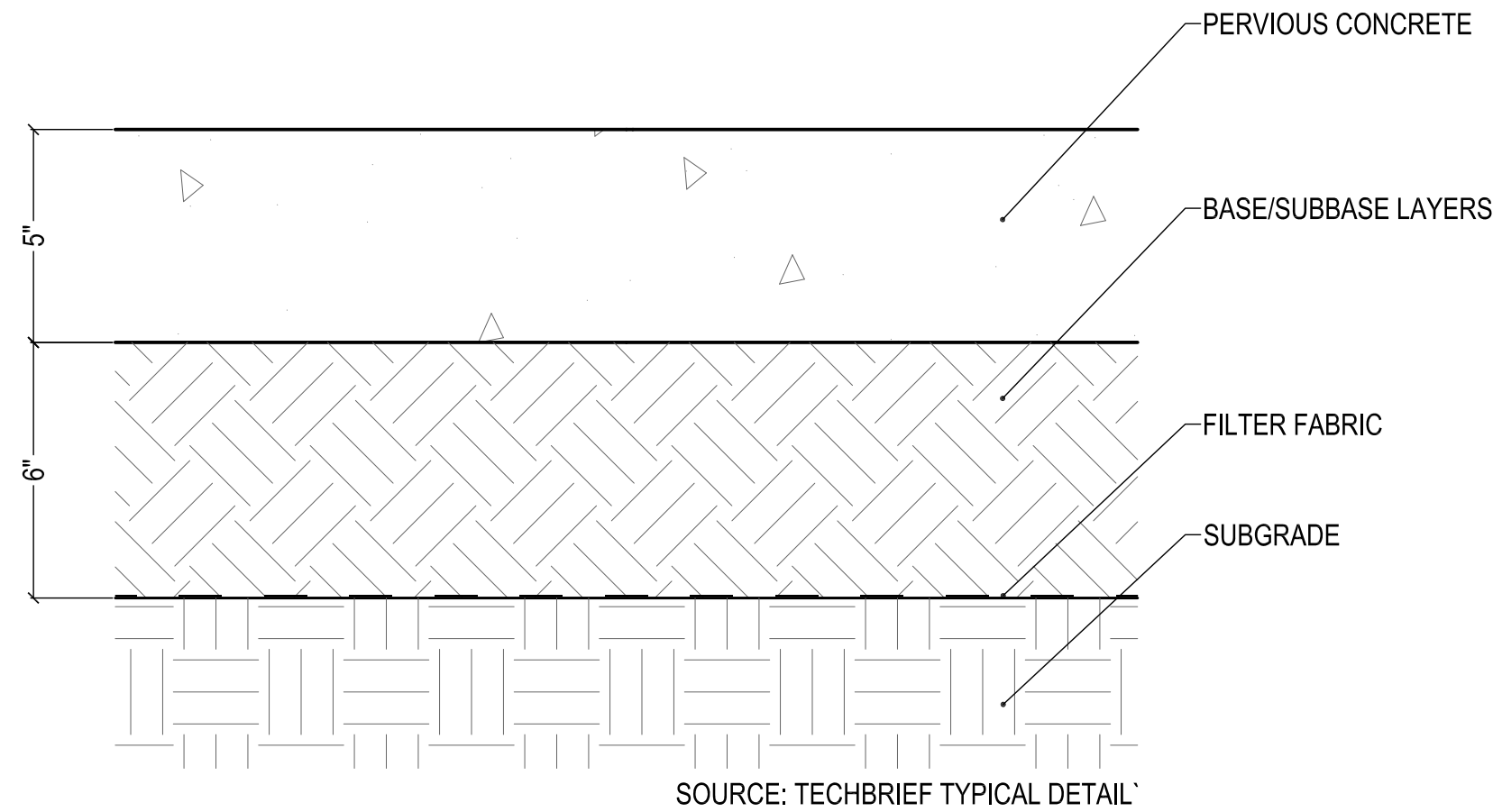
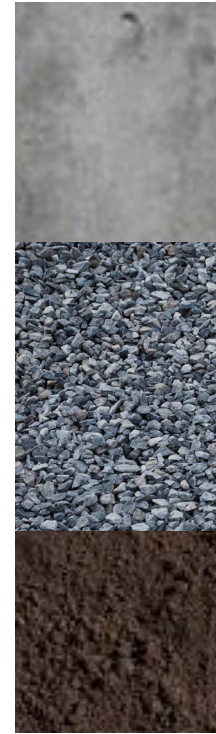
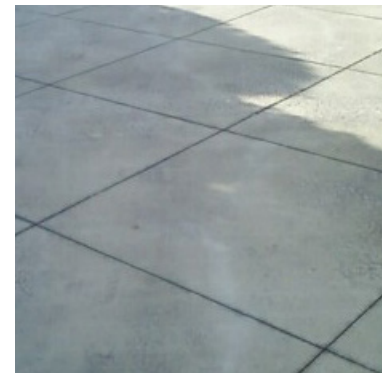
SCALE: 3/4" = 1'-0"



SOURCE: P STREET STREETScape

1 CONCRETE CONSTRUCTION JOINT

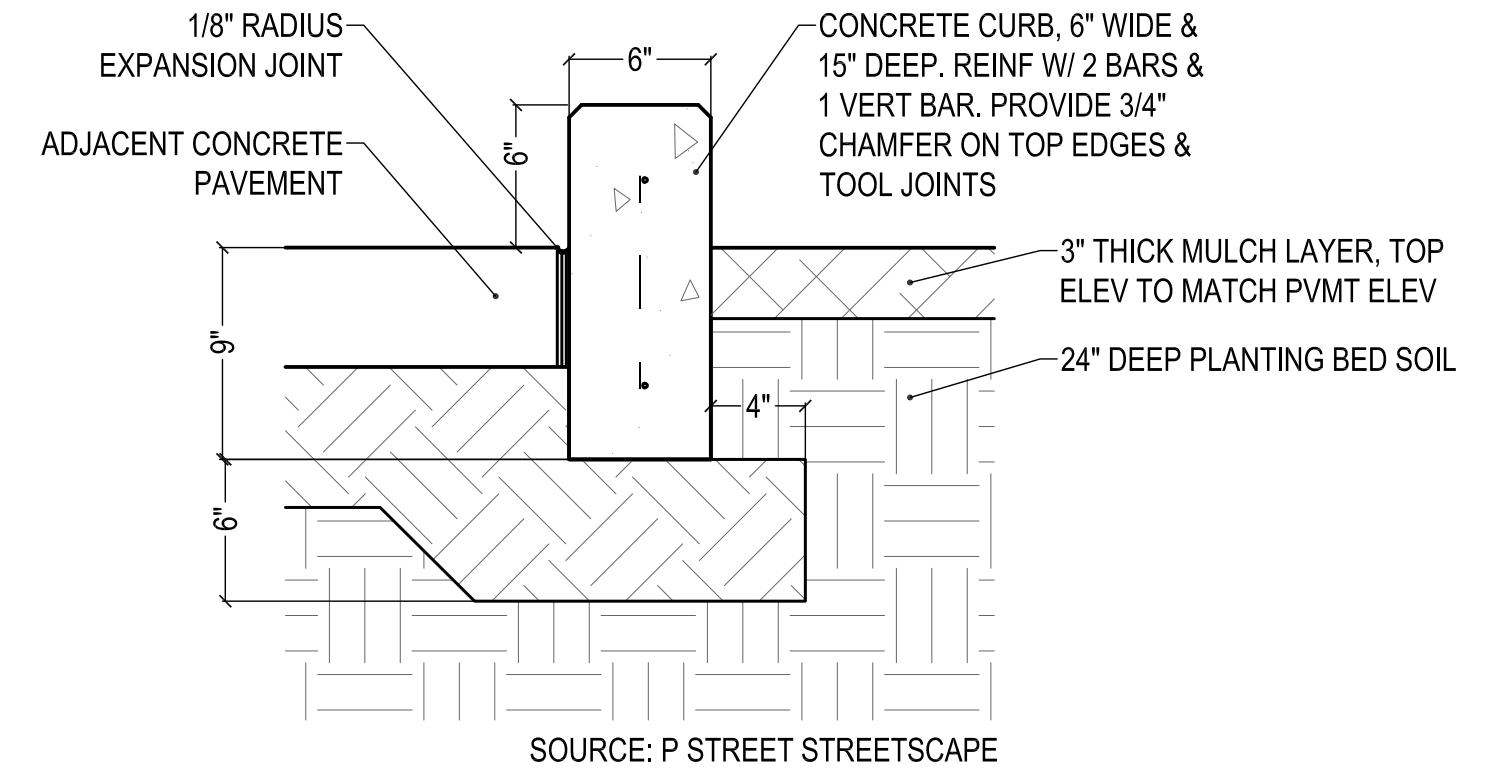
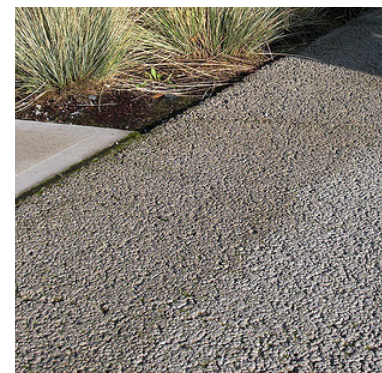
SCALE: 3" = 1'-0"



SOURCE: TECHBRIEF TYPICAL DETAIL

3 PERMEABLE CONCRETE

SCALE: 3" = 1'-0"



SOURCE: P STREET STREETScape

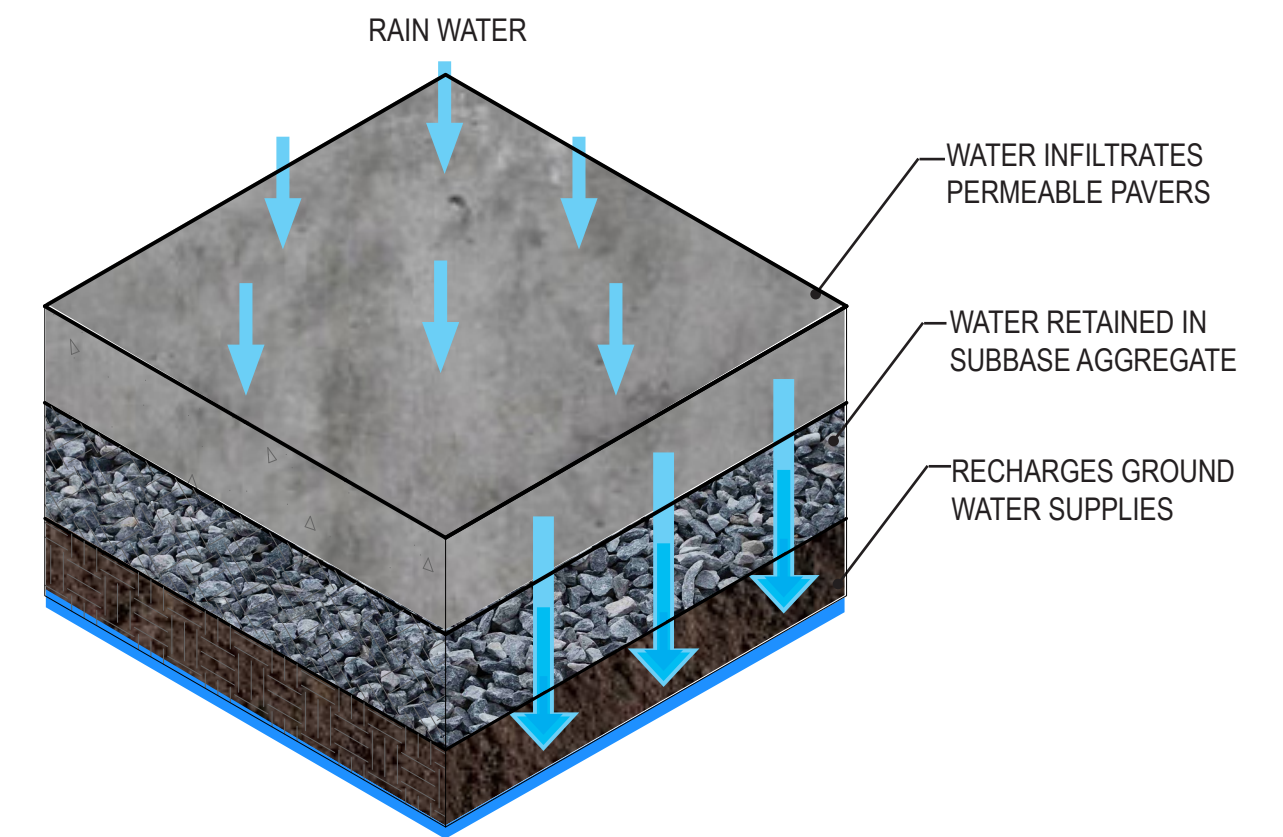
2 PLANTING BED CURB

SCALE: 1-1/2" = 1'-0"



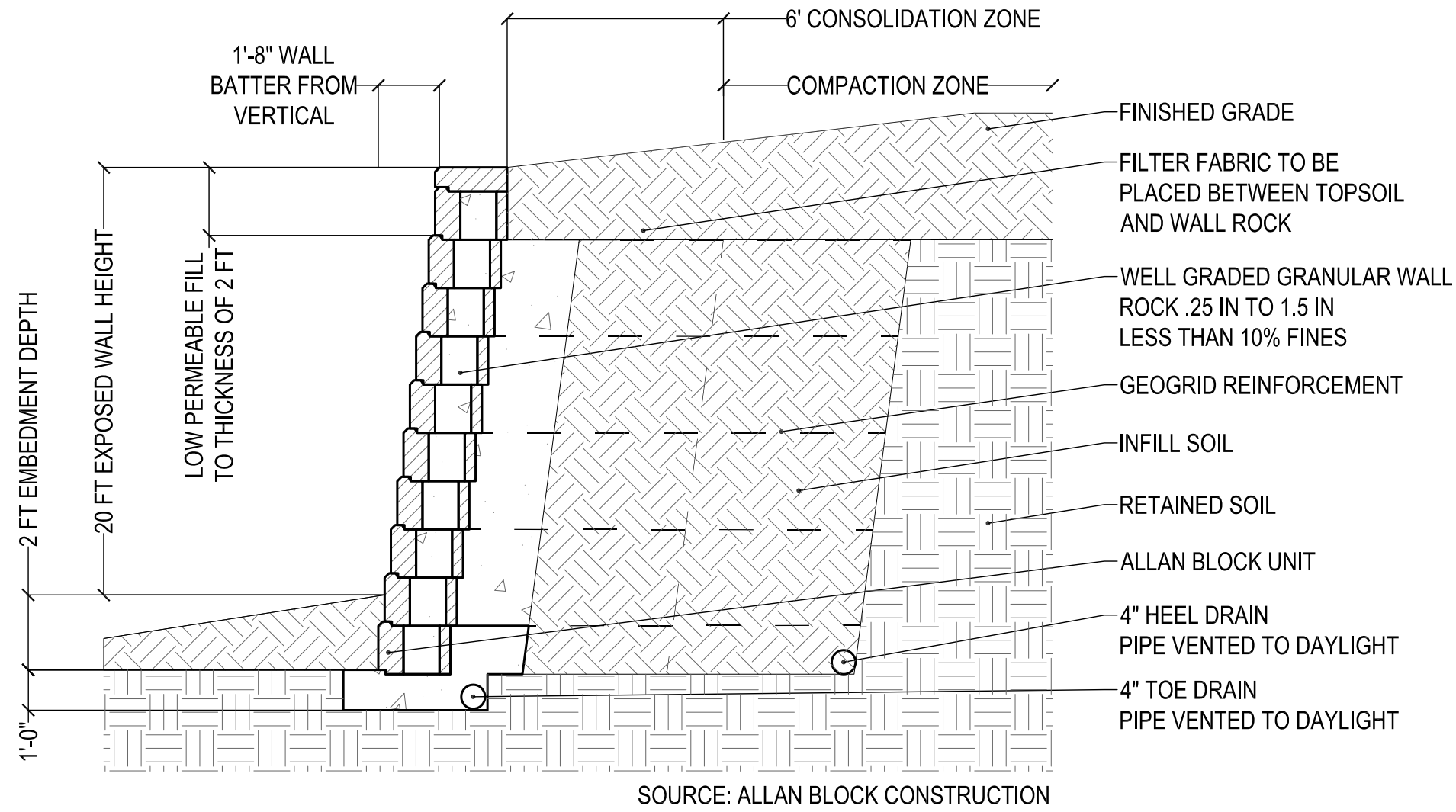
WATER INFILTRATES AT AN AVERAGE OF 480 IN/HR REDUCING THE AMOUNT OF TIME WATER POOLS ON PAVEMENT
SOURCE: RMC RESEARCH FOUNDATION

PERMEABLE PAVEMENT REDUCES RUNOFF BY 98% WHERE ASPHALT ONLY REDUCES RUNOFF BY 38%
SOURCE: UC DAVIS



4 STORMWATER MANAGEMENT

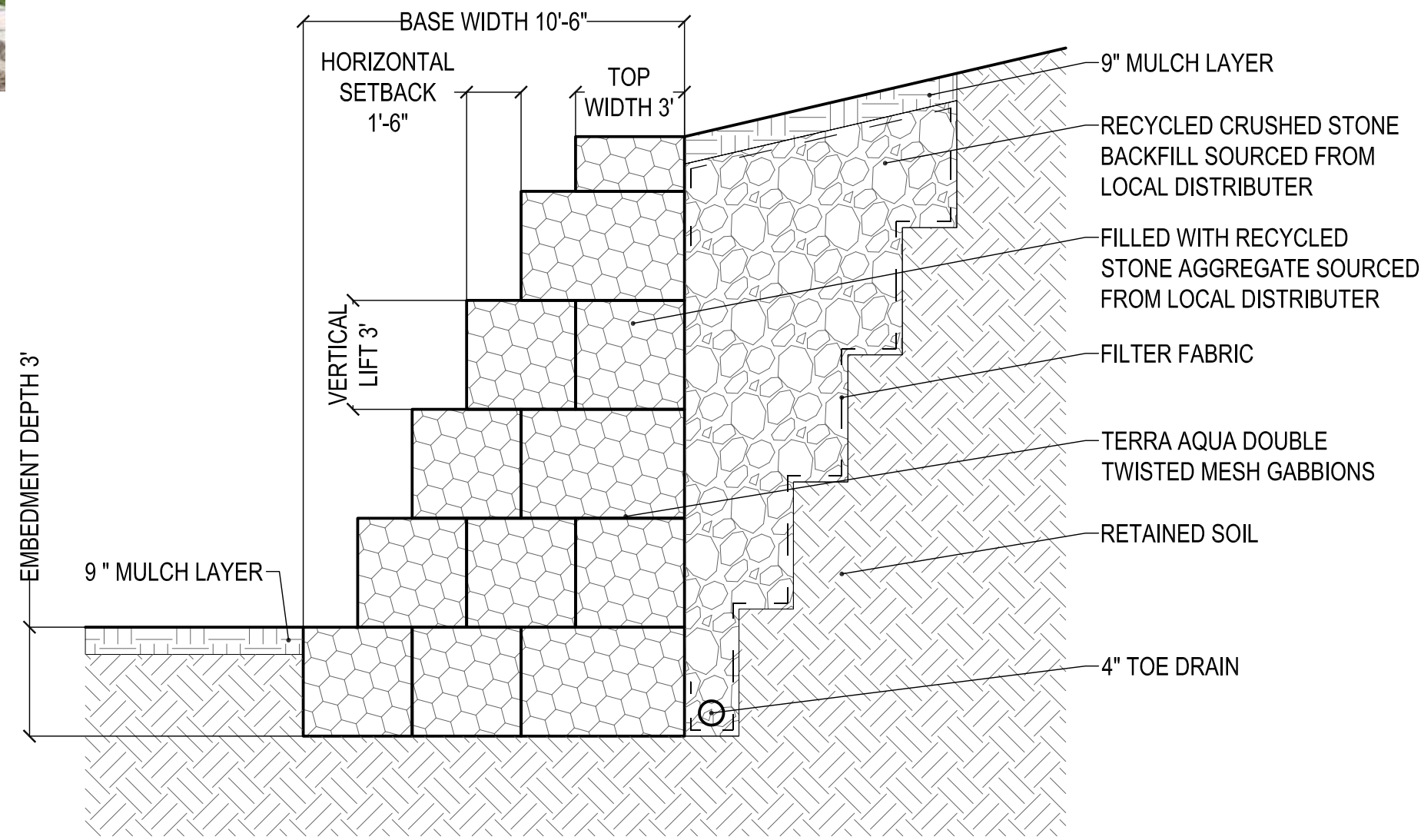
SCALE: 1-1/2" = 1'-0"



SOURCE: ALLAN BLOCK CONSTRUCTION

1 PRECAST REINFORCED WALL

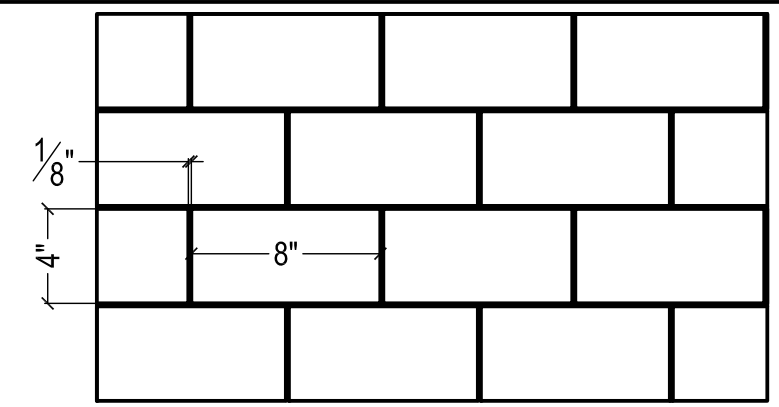
SCALE: 1/4" = 1'-0"



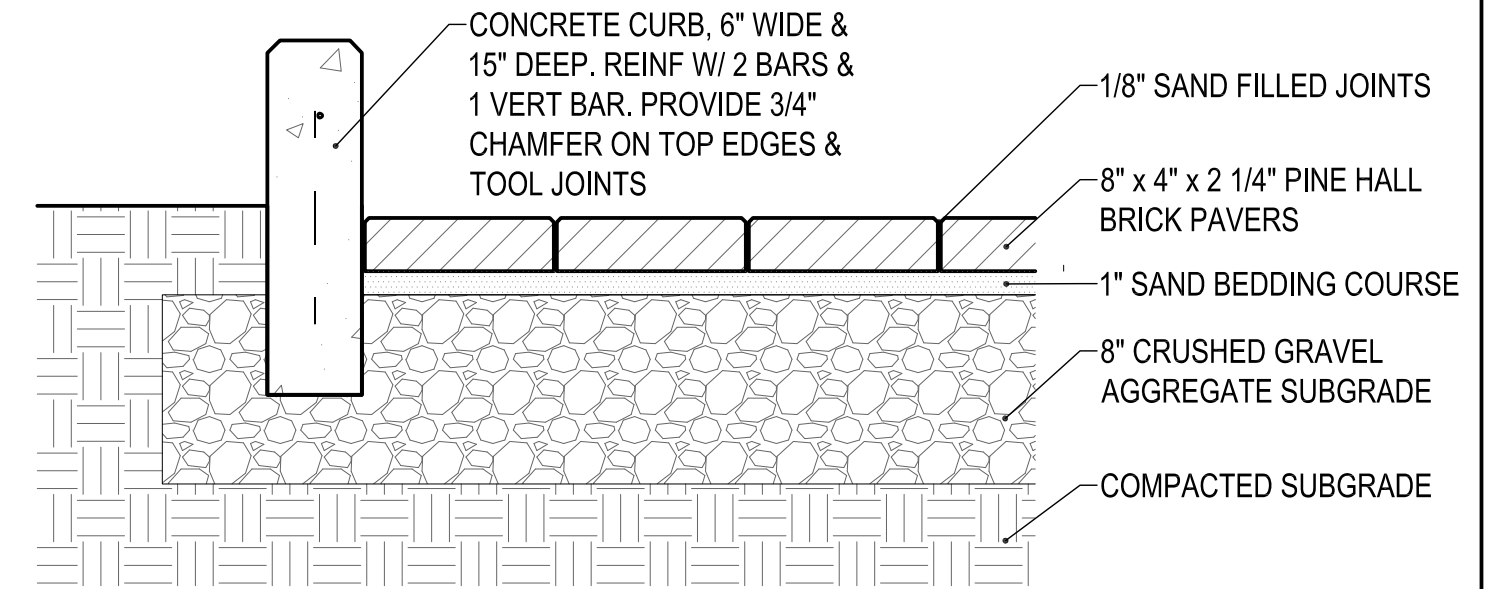
SOURCE: TERRA AQUA INC.

3 GABION GRAVITY WALL

SCALE: 1/4" = 1'-0"



RUNNING BOND PAVING PATTERN



SOURCE: PINE HALL BRICK

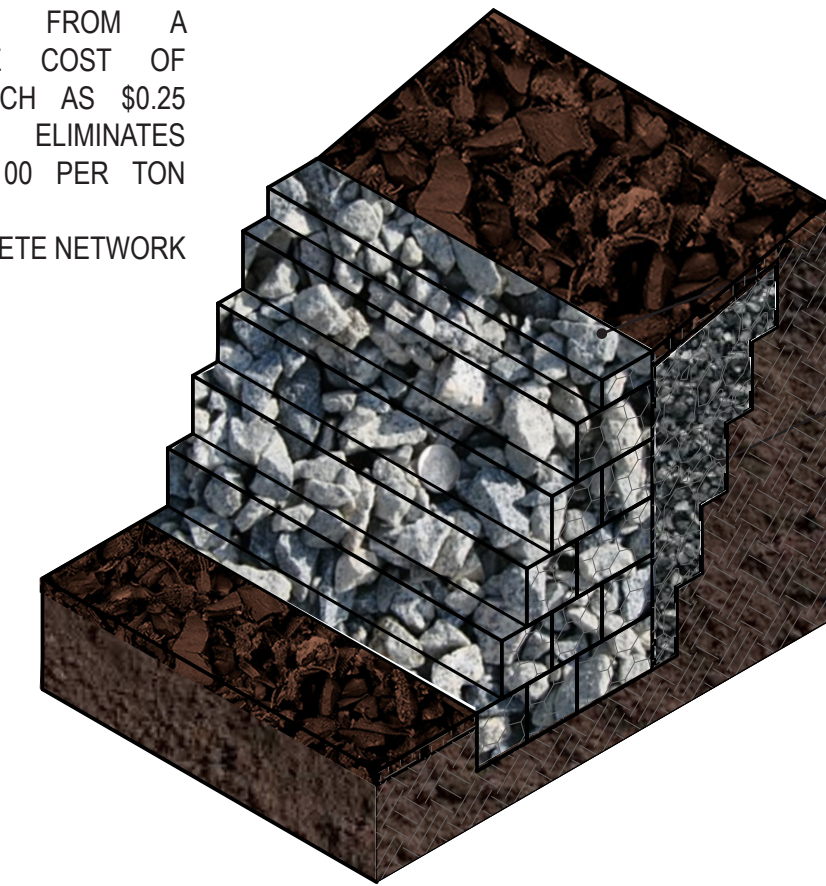
2 BRICK PAVERS

SCALE: 1-1/2" = 1'-0"



RECYCLING MATERIAL FROM A PROJECT SAVES THE COST OF TRANSPORTING AS MUCH AS \$0.25 PER TON/MILE AND ELIMINATES COST OF DISPOSAL \$100 PER TON

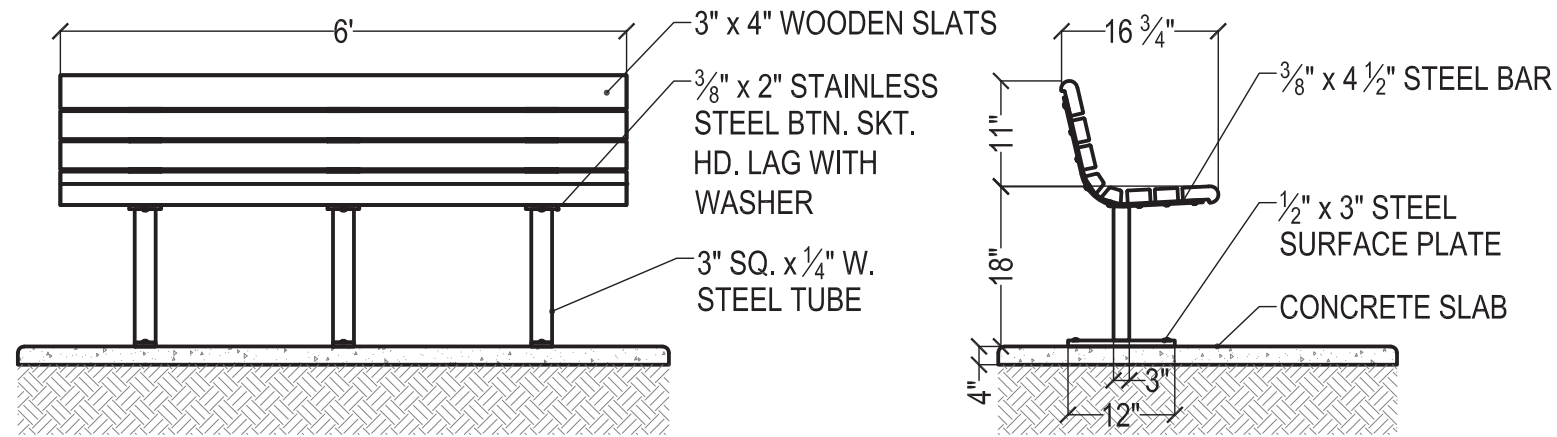
SOURCE: CONCRETE NETWORK



RECYCLING STONE AGGREGATE IS AN ENVIRONMENTAL BENEFIT BECAUSE IT PRESERVES RAW MATERIALS
SOURCING FROM A LOCAL DISTRIBUTOR REDUCES ECONOMIC COSTS & RECYCLING MATERIALS IS LESS COST INTENSIVE

4 RECYCLING MATERIALS

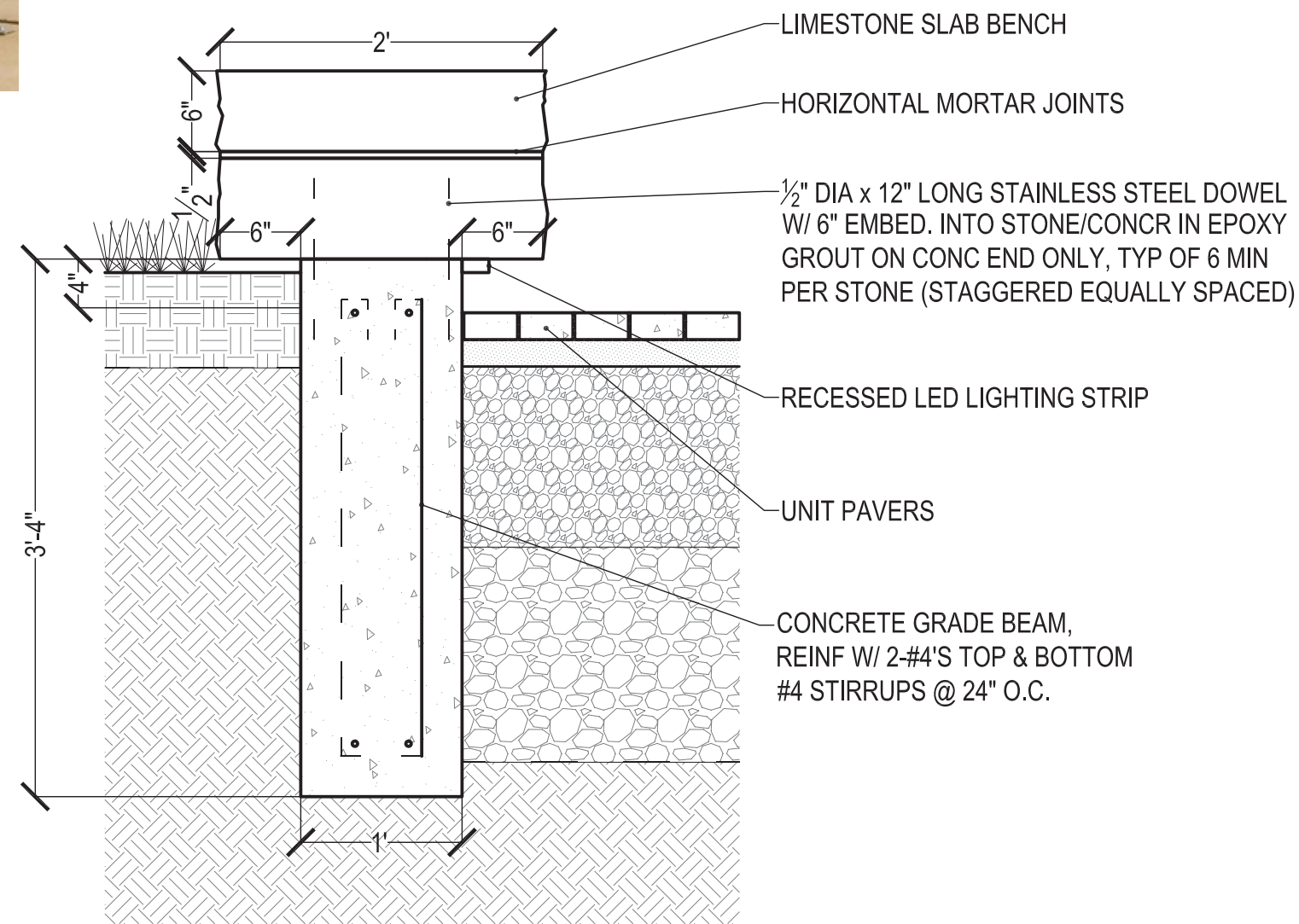
SCALE: 1/8" = 1'-0"



SOURCE: TOWN OF CARY, NORTH CAROLINA

1 STANDARD BENCH

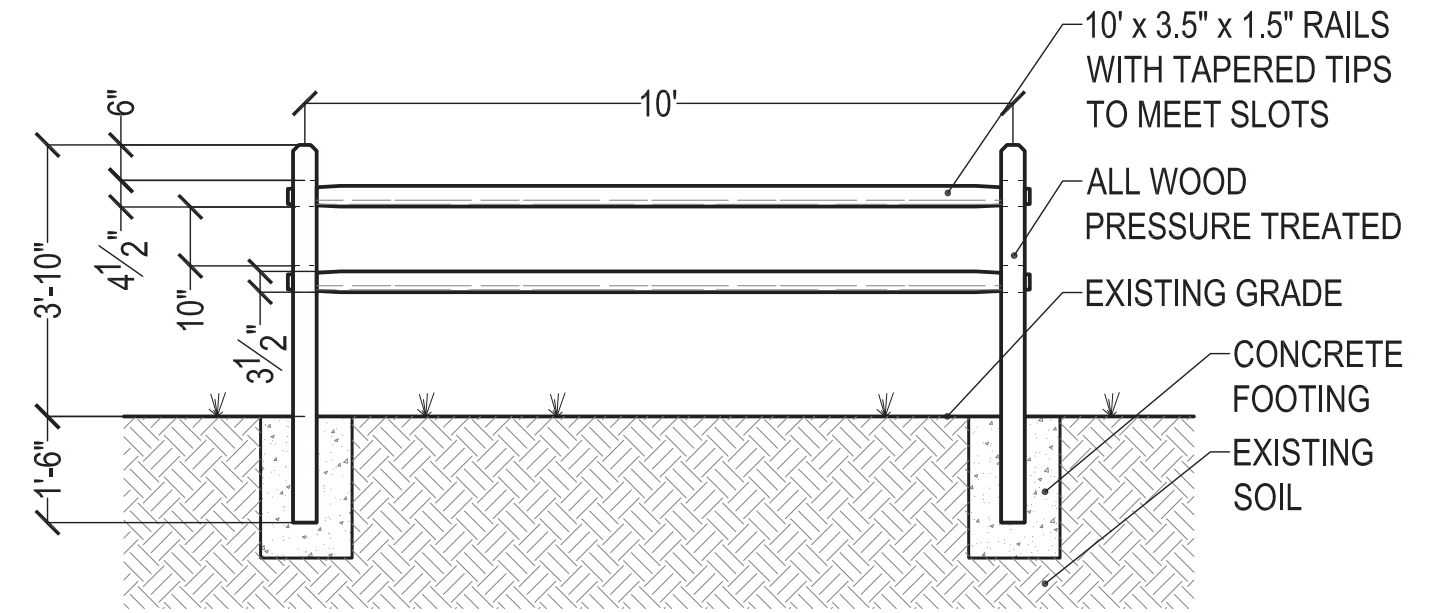
SCALE: 1/2" = 1'-0"



SOURCE: LOVE LIBRARY NORTH

3 STONE BENCH ADJACENT TO TURF

SCALE: 1" = 1'-0"



SOURCE: TOWN OF CARY, NORTH CAROLINA

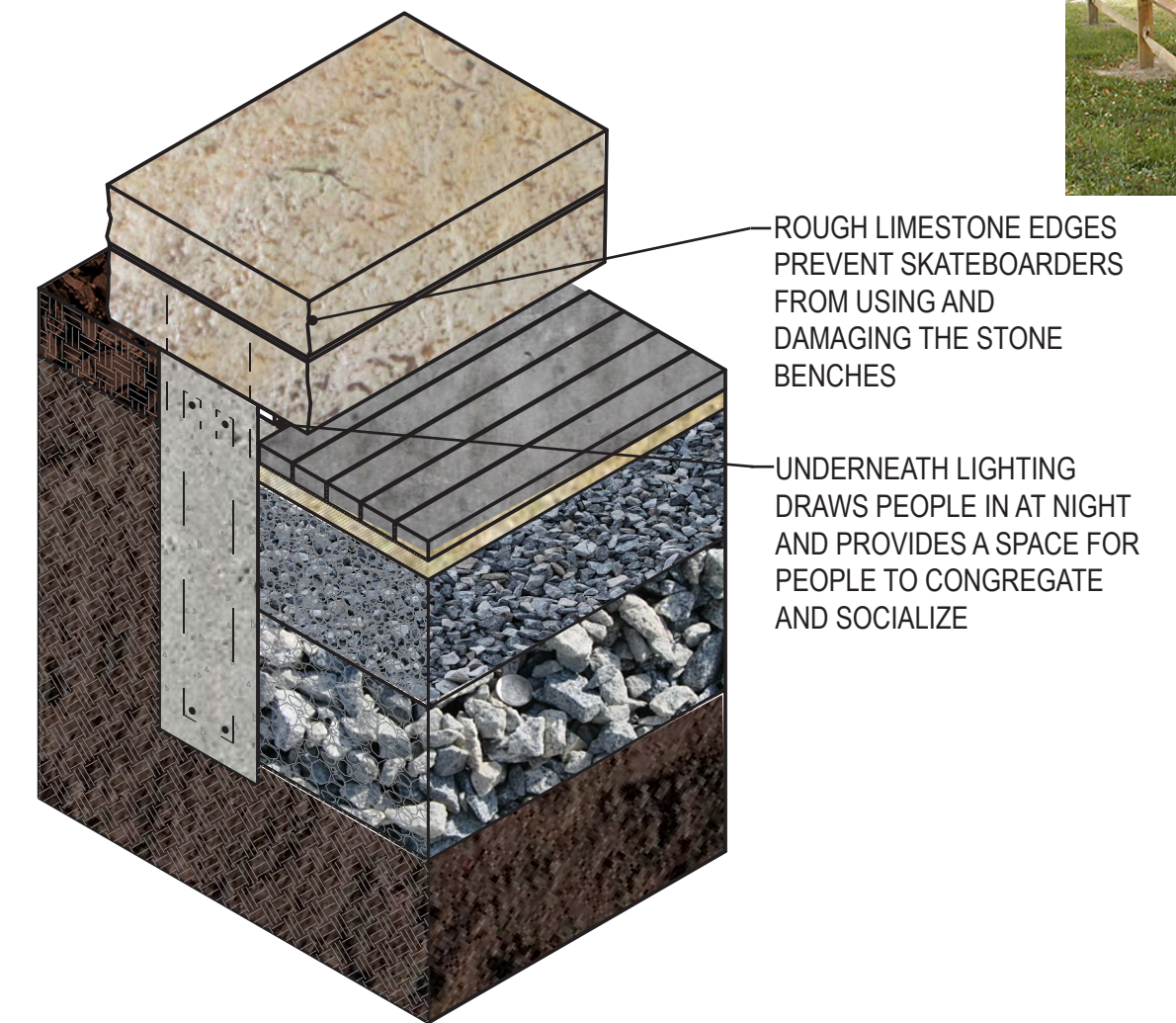
2 STANDARD SPLIT-RAIL FENCE

SCALE: 3/8" = 1'-0"



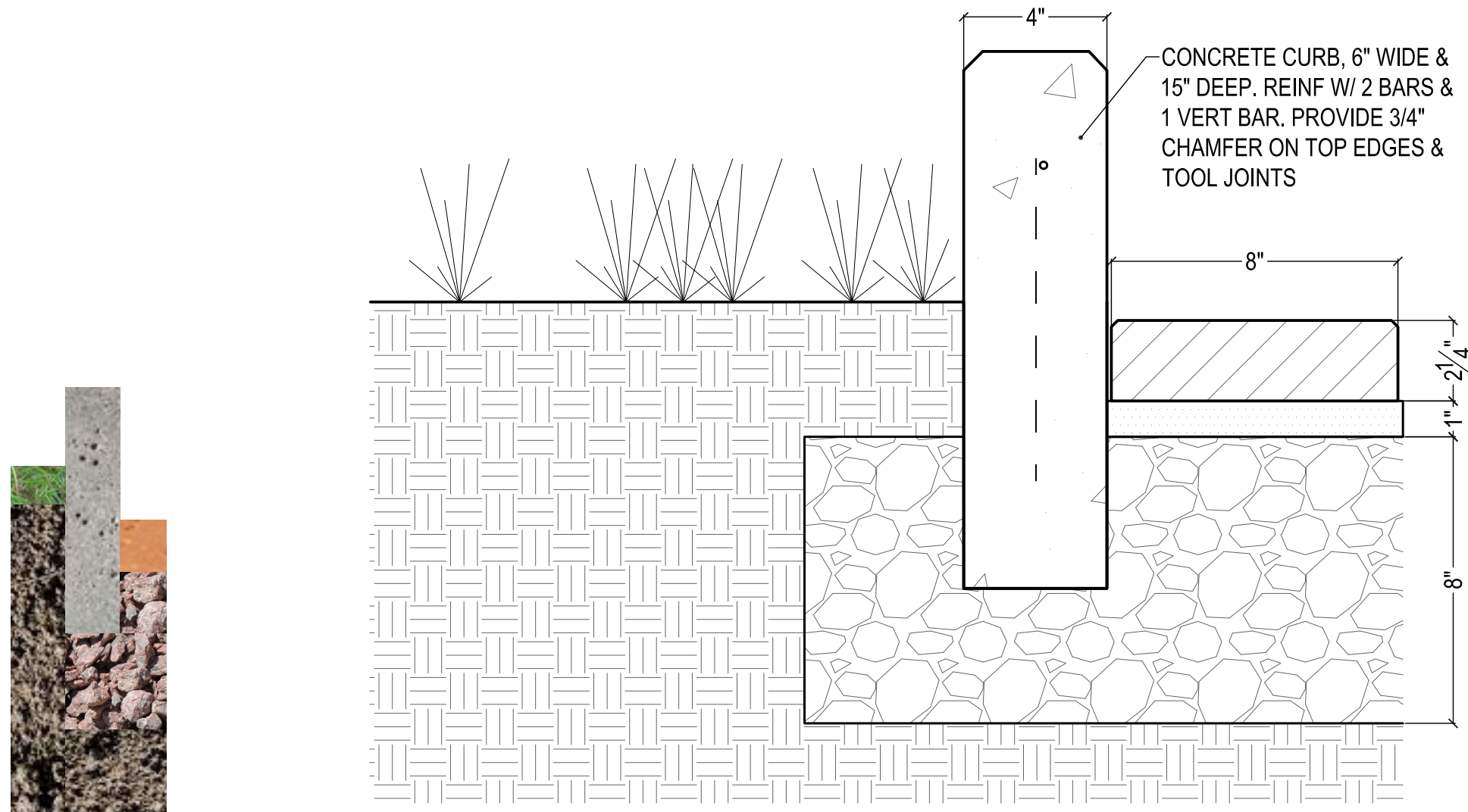
STUDIES SHOW THAT HUMAN'S EXPOSURE TO LIGHT SUPPRESSES MELATONIN AND INCREASES ALERTNESS MAKING AREAS OF LIGHT HOTSPOTS FOR PEOPLE TO GATHER AND SOCIALIZE

SOURCE: NATIONAL CENTER FOR BIOTECHNOLOGY INFORMATION



4 SOCIAL SEATING

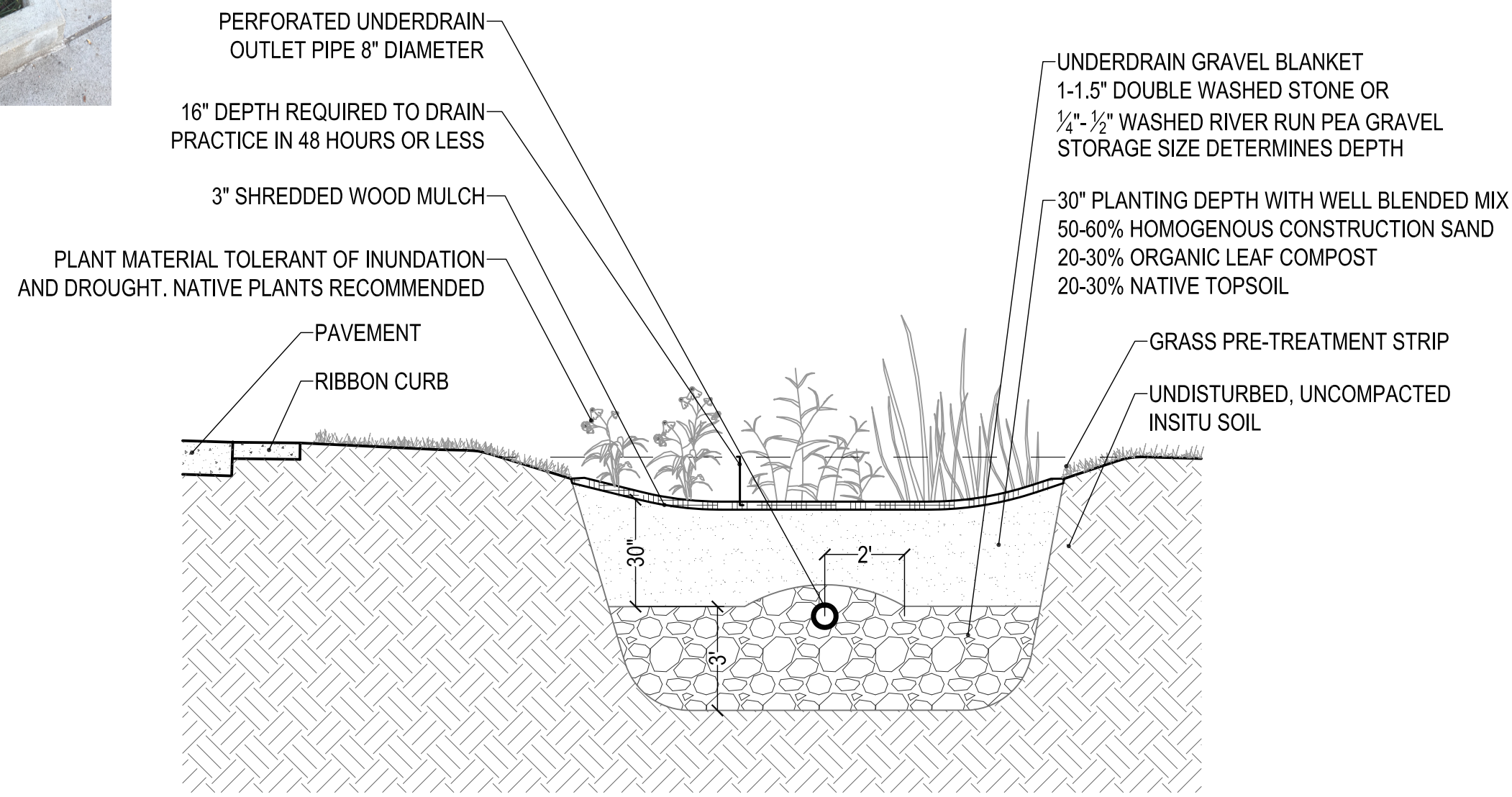
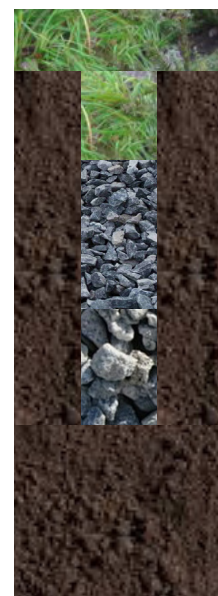
SCALE: 3/4" = 1'-0"



SOURCE: P STREET STREETSCAPE

1 PLANTING BED CURB

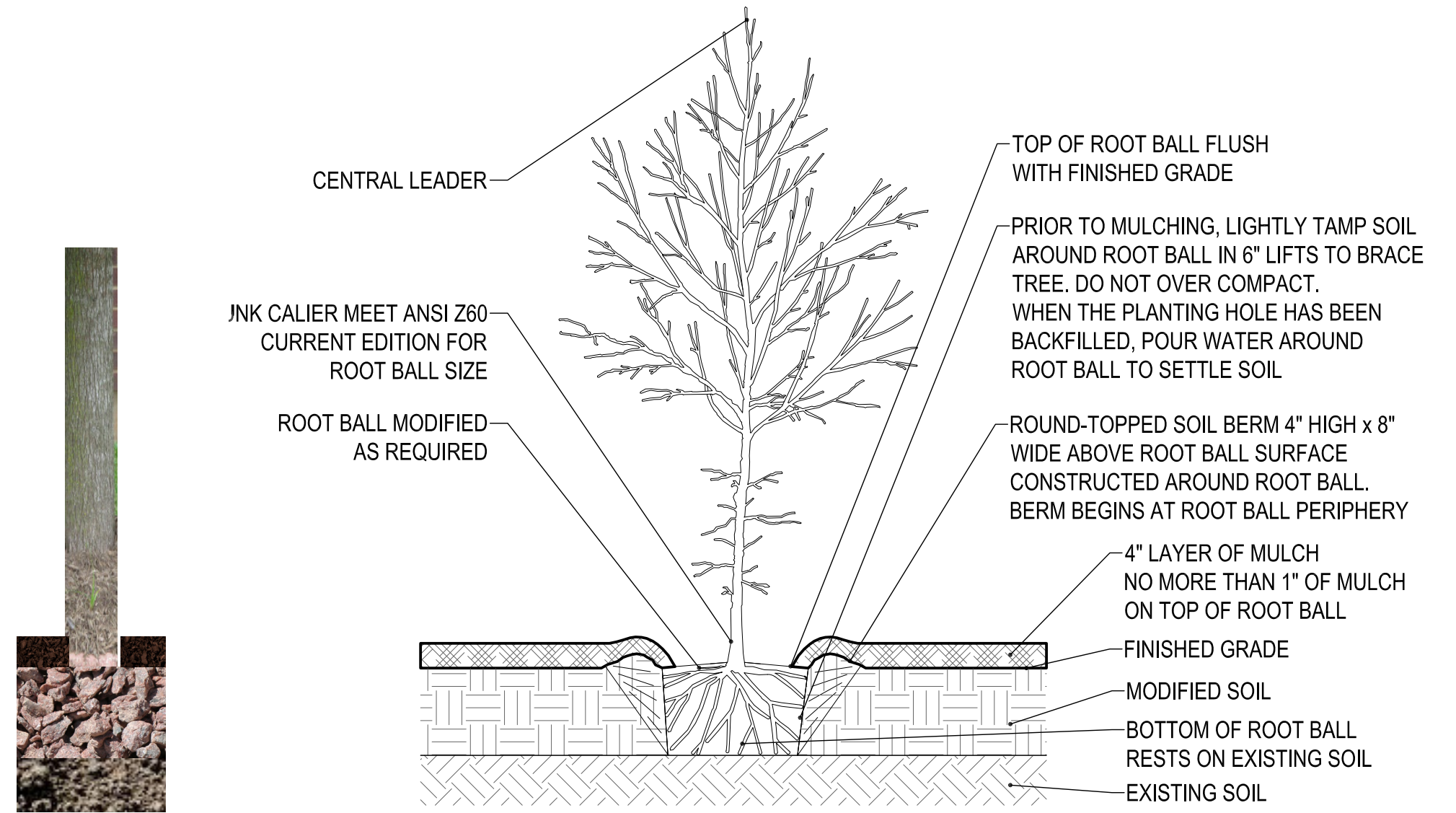
SCALE: 3" = 1'-0"



SOURCE: MINNESOTA STORMWATER MANUAL

3 BIORETENTION FACILITY

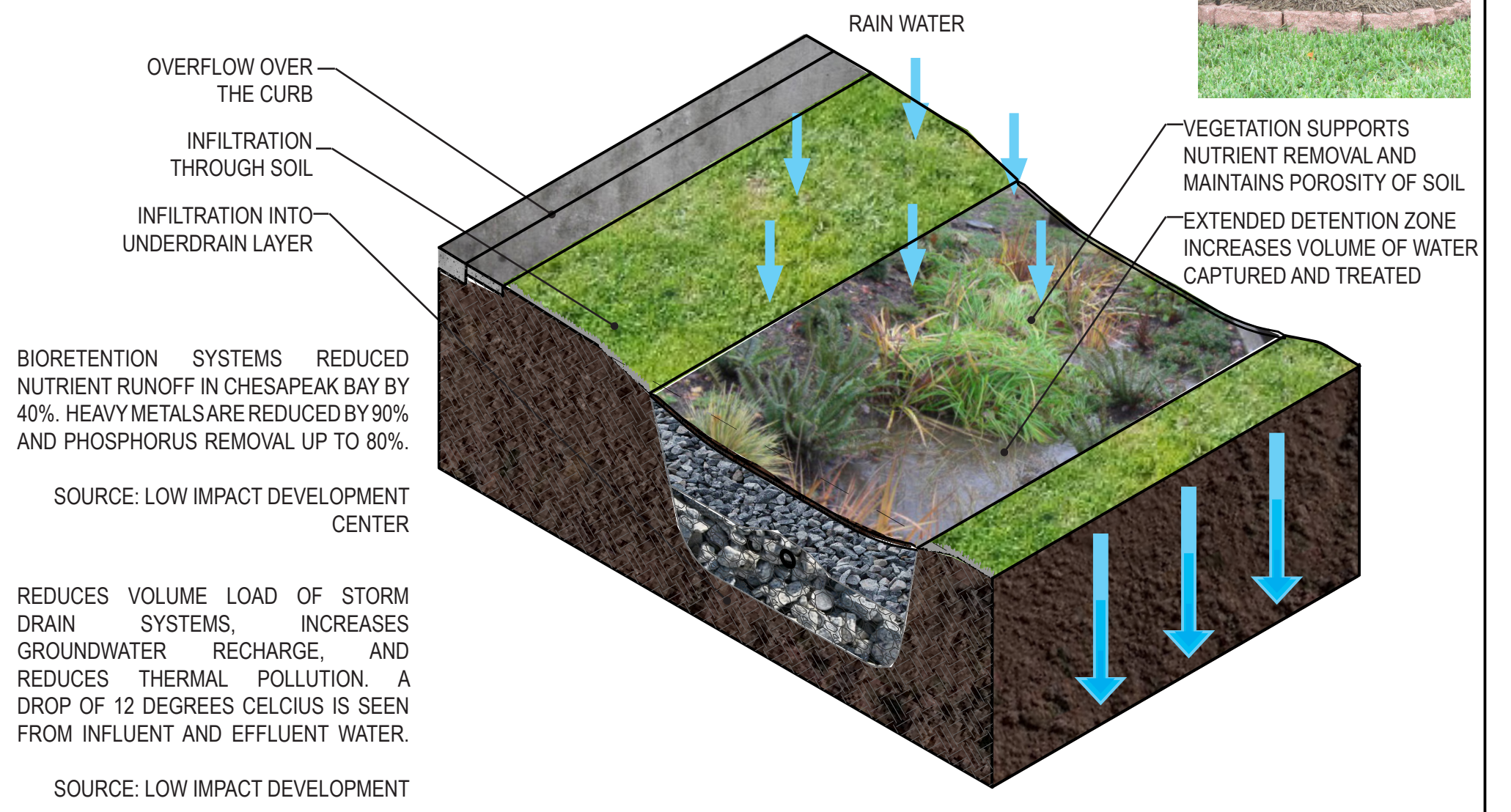
SCALE: 1/4" = 1'-0"



SOURCE: INTERNATIONAL SOCIETY OF ARBORICULTURE

2 TREE W/ BERM

SCALE: 1/2" = 1'-0"



4 STORMWATER MANAGEMENT

SCALE: 3/16" = 1'-0"

PHASE 2D:

PLANTING TECHNIQUE + LAWNS AND MEADOWS

KATELYN NIMIC

TITLE: INNOVATIVE PLANTING ALTERNATIVES: STORM WATER MANAGEMENT
SCALE: SEE DRAWINGS
DATE: NOVEMBER 7, 2017

DWG. NO.

L3-05