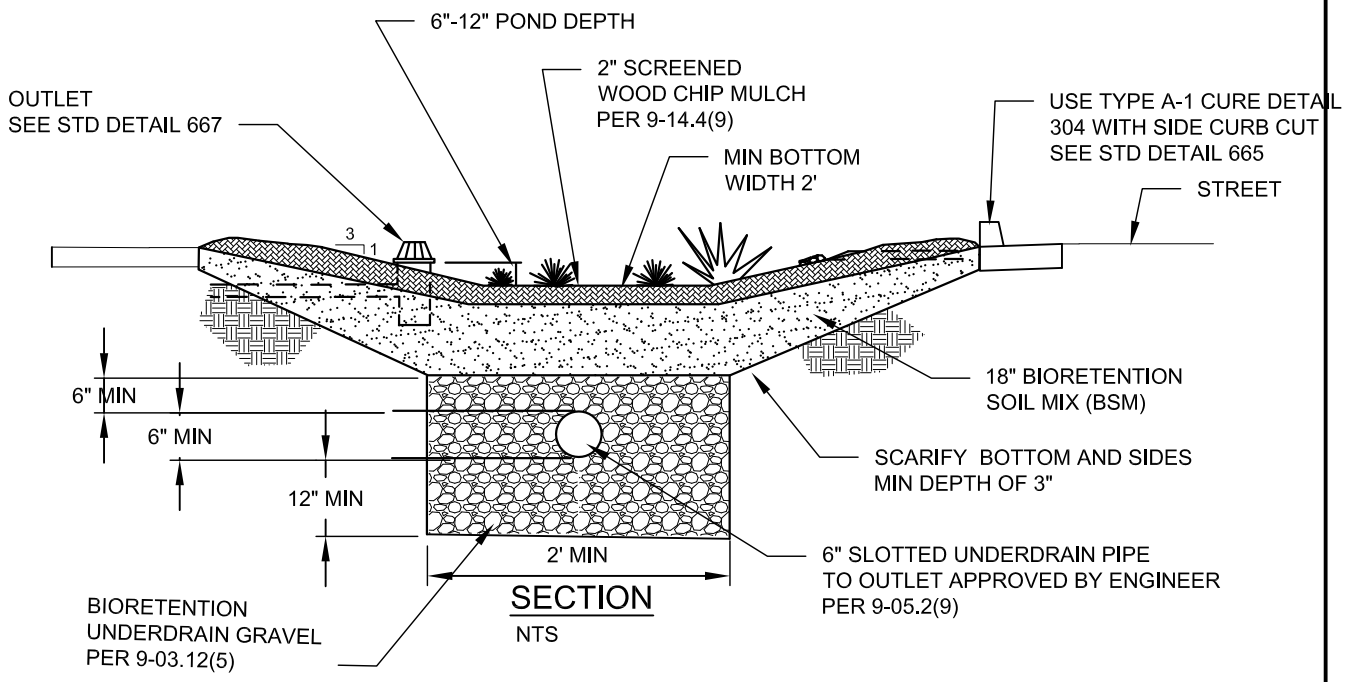
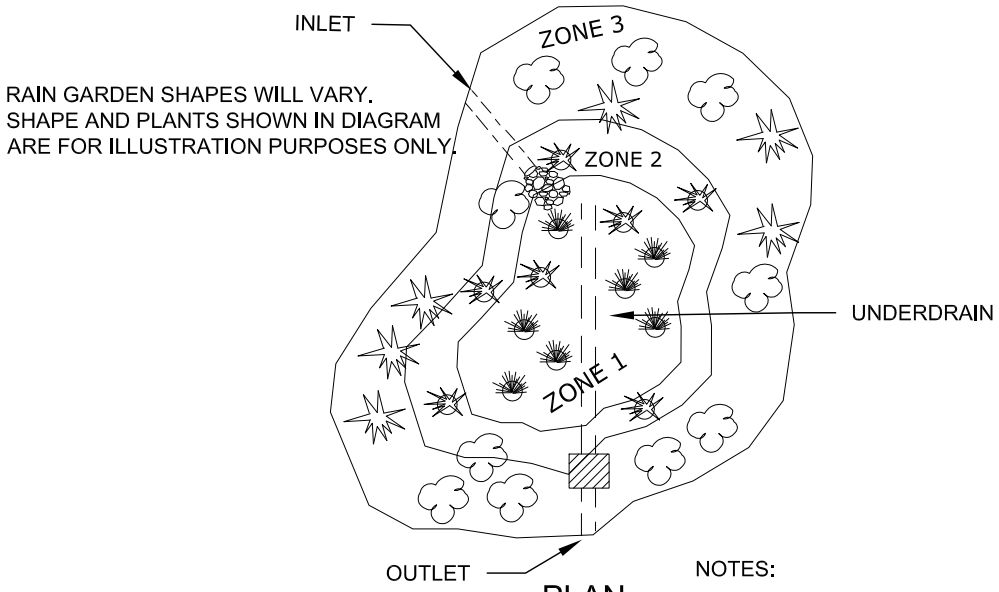


SECTION

NTS



PLAN

NTS

PLANTING ZONES:

ZONE 1: AREA WITH FREQUENT STANDING WATER

ZONE 2: AREA WITH OCCASIONAL STANDING WATER, AND EXTENDED DRIER PERIOD.

ZONE 3: AREA WITH DRIER CONDITIONS.

NOTES:

1. MAXIMUM BOTTOM SLOPE OF CELL IS 0.5%
2. OVERFLOW POINT SHALL BE AT LEAST 6" BELOW ANY ADJACENT PAVEMENT AREA.
3 INSTALL STREAMBED COBBLE (1" - 4") AT INLET TO DISSIPATE RUNOFF
4. IF OPTIONAL UNDERDRAIN IS USED:
   - 0.5% MIN SLOPE
   - PROVIDE A CLEAN OUT EVERY 250-300 FEET
5. MINIMUM 3' DEPTH BETWEEN UNDERDRAIN (IF PRESENT) OR BOTTOM OF BIORETENTION SOIL MIX (BSM) AND WATER TABLE.
6. MINIMUM SETBACK OF 5' FROM TOP OF BIORETENTION CELL TO BUILDING STRUCTURES AND PROPERTY LINES. DO NOT LOCATE IMMEDIATELY UPSLOPE OF BUILDING STRUCTURES.

Gary M. Schimek

APPROVED BY: GARY M. SCHIMEK
NATURAL RESOURCES/STORMWATER ENGINEERING MANAGER

REVISION DATE: JULY 01, 2015

CityofRedmond
WASHINGTON

STANDARD DETAILS

BIORETENTION FACILITY

FILE NAME: SD655.DWG

DETAIL NUMBER: **655**