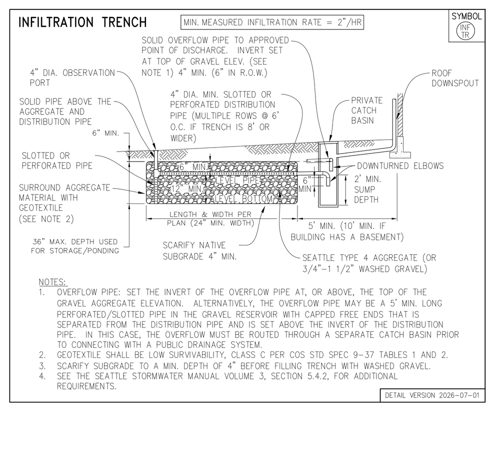
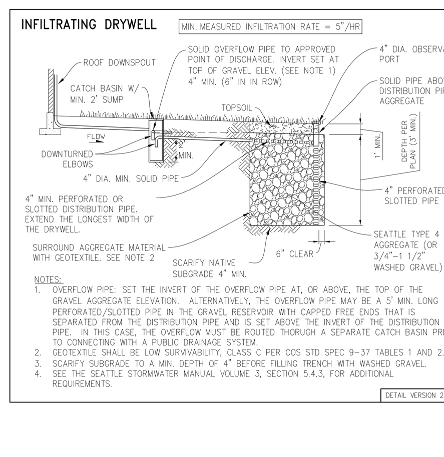
SDCI TYPICAL STORMWATER DETAILS

THE FOLLOWING ARE THE MOST COMMONLY USED DETAILS FOR PARCEL-BASED DEVELOPMENT PROJECTS. SELECT THE APPLICABLE DETAILS AND SHOW THEM ON THE CSC/SOIL PLAN AND STORMWATER PLAN OR AN ADDITIONAL SHEET FOR DETAILS. IF A DETAIL IS NOT PROVIDED BELOW, A CUSTOM DETAIL MUST BE CREATED BY THE DESIGNER BASED ON THE FIGURES AND DESIGN CRITERIA IN THE SEATTLE STORMWATER MANUAL AND/OR THE REQUIREMENTS FOR DESIGN AND CONSTRUCTION OF SIDE SEWERS (DRAINAGE AND WASTEWATER DISCHARGES).

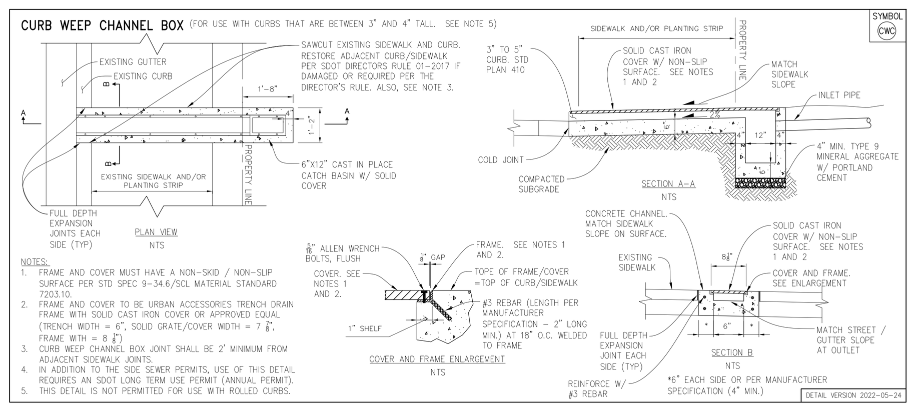
CATEGORY 1 OSM DETAILS

INFILTRATION TRENCHES AND DRYWELLS



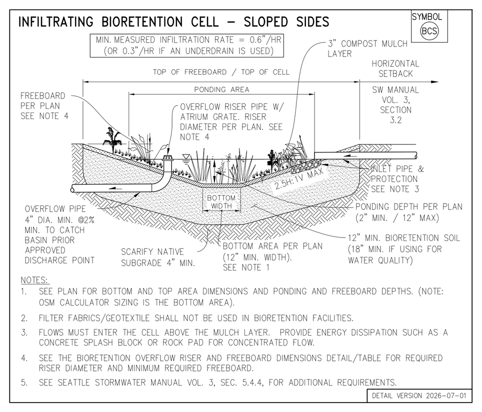


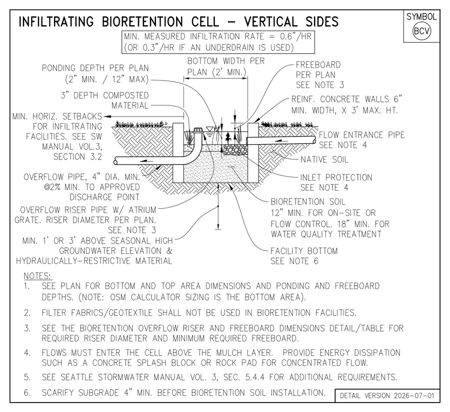
SIDE SEWER/SERVICE DRAIN DETAILS

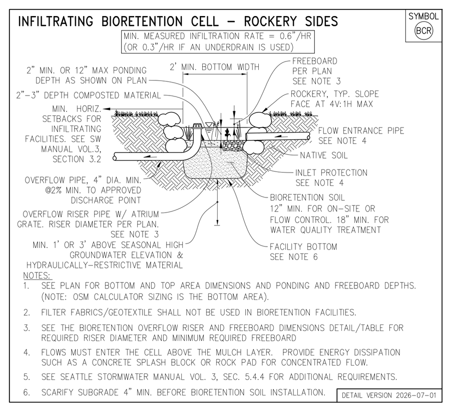


CATEGORY 2 OSM DETAILS

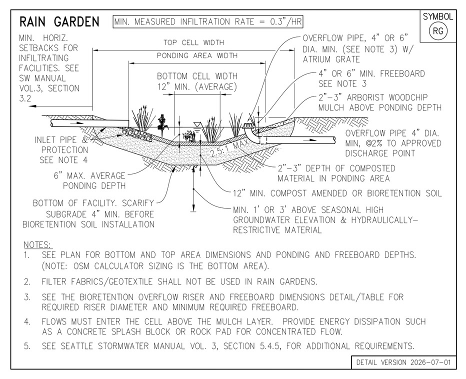
INFILTRATING BIORETENTION

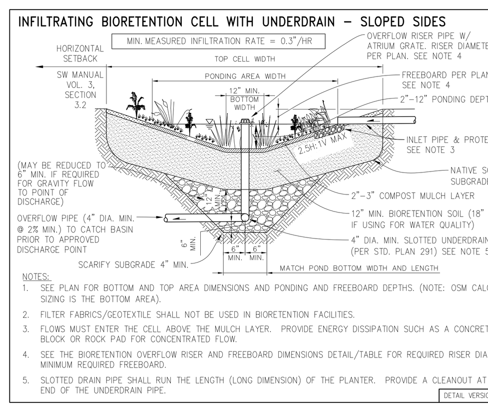




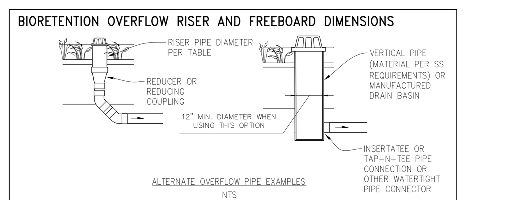


RAIN GARDENS





BIORETENTION OVERFLOW RISER AND FREEBOARD DIMENSIONS



ALTERNATE OVERFLOW PIPE EXAMPLES

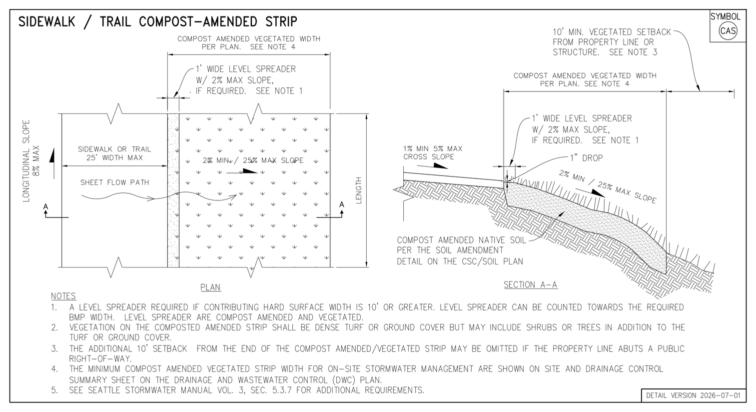
NTS

BIORETENTION OVERFLOW RISER AND FREEBOARD TABLE

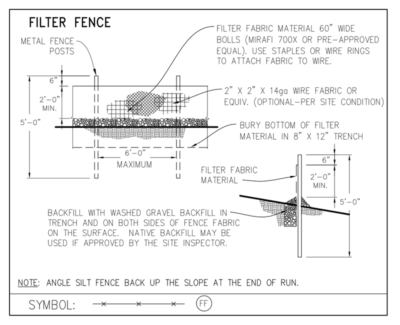
TOTAL CONTRIBUTING AREA (SF)	FREEBOARD (INCHES)	RISER DIAMETER (INCHES)
0–2,999	4	4
3,000–7,499	6	6
7,500–9,999	6	8
10,000–14,999	6	12
15,000–20,000*	9	12

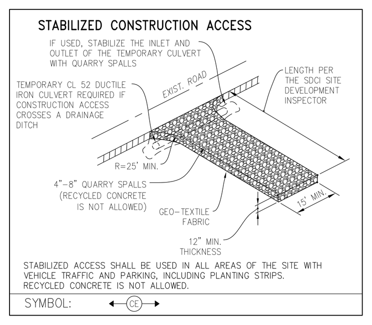
*BIORETENTION WITH MORE THAN 20,000 SF OF CONTRIBUTING AREA REQUIRES SIZING BY A LICENSED CIVIL ENGINEER.

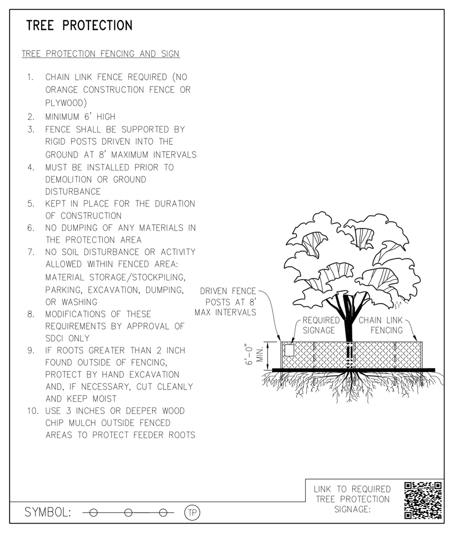
DETAIL VERSION 2026-07-01

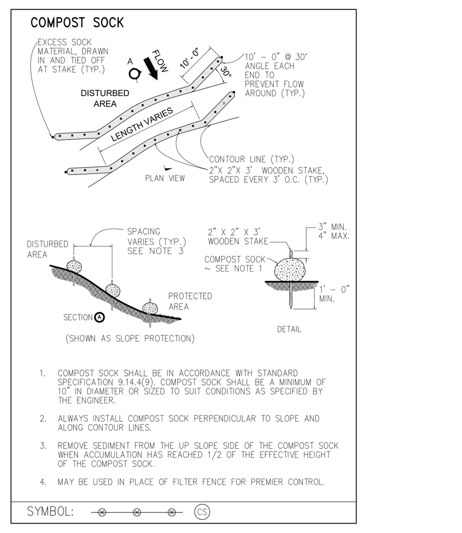


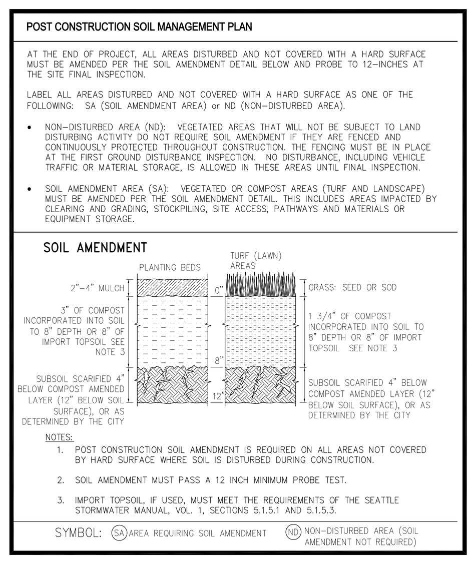
CONSTRUCTION STORMWATER CONTROL AND SOIL MANAGEMENT DETAILS

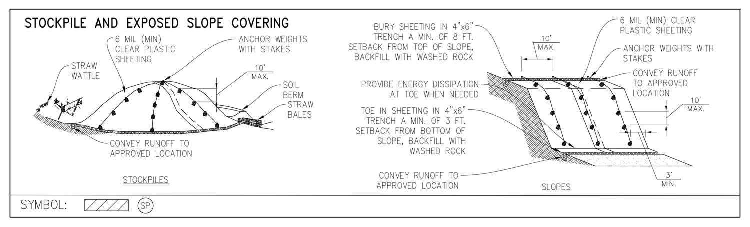




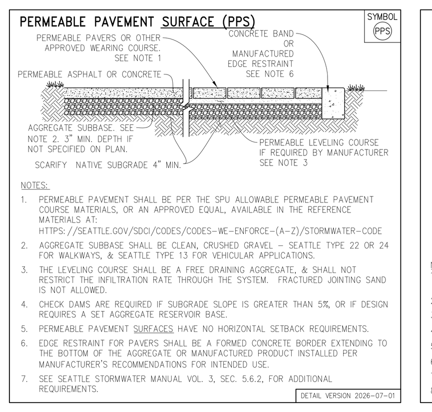


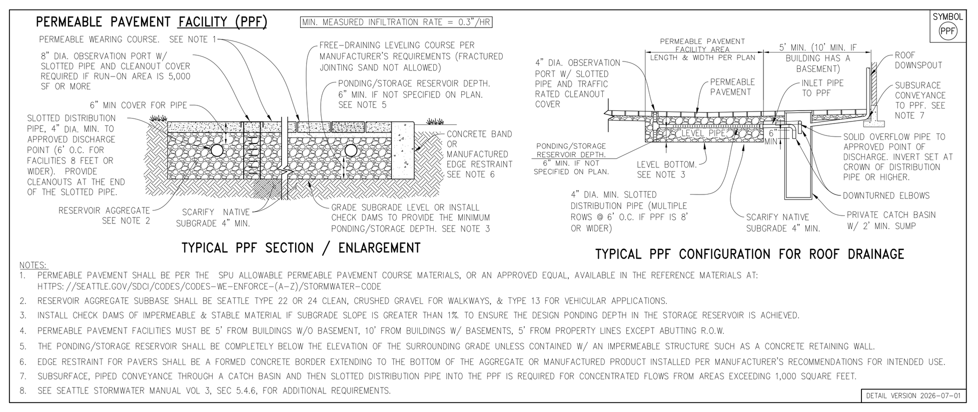


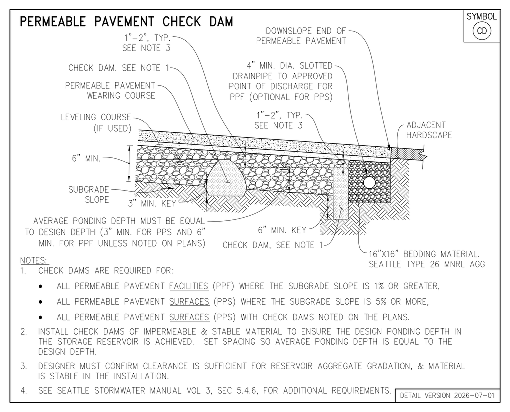




PERMEABLE PAVEMENT

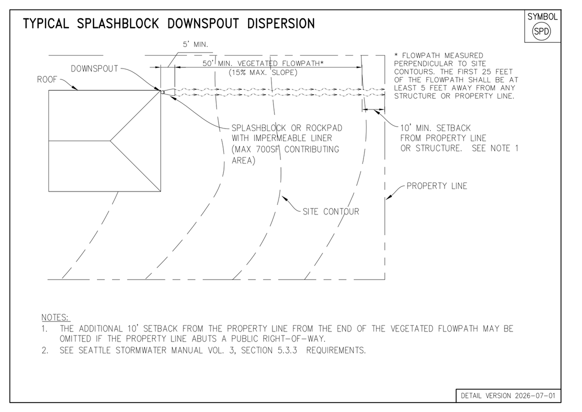


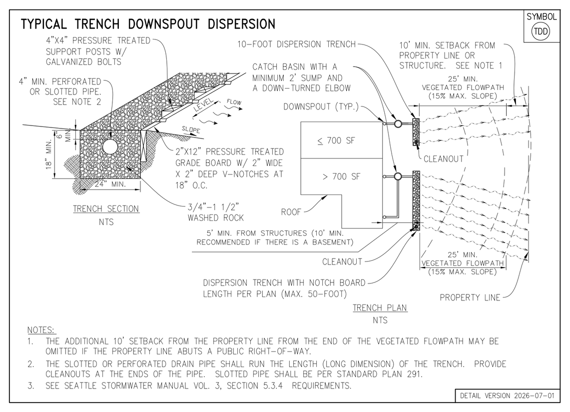


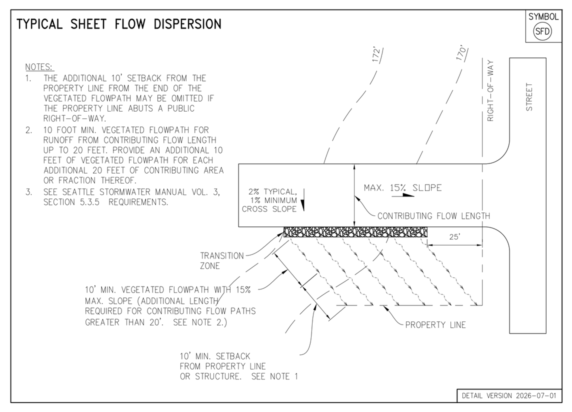


CATEGORY 3 OSM DETAILS

DISPERSION DETAILS

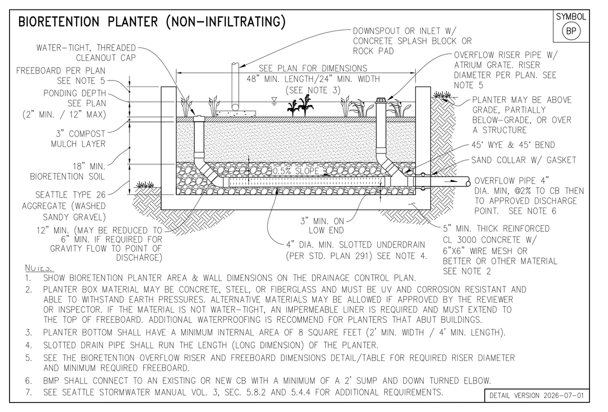


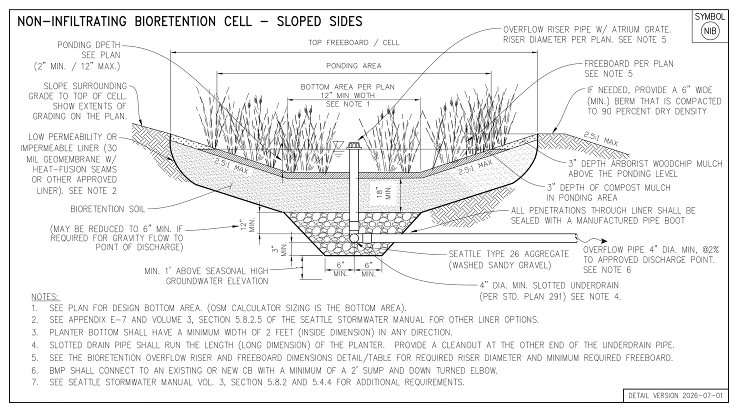




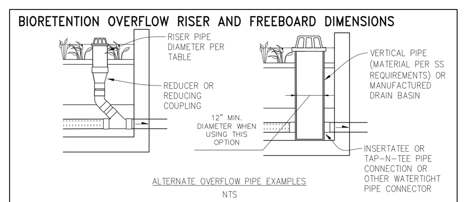
CATEGORY 4 OSM DETAILS

NON-INFILTRATING BIORETENTION





BIORETENTION OVERFLOW RISER AND FREEBOARD DIMENSIONS



ALTERNATE OVERFLOW PIPE EXAMPLES

NTS

BIORETENTION OVERFLOW RISER AND FREEBOARD TABLE

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15,000–20,000*	9	12

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DETAIL VERSION 2026-07-01

CATEGORY 5 OSM DETAILS

MISCELLANEOUS