

**DRAINAGE & WASTEWATER CONTROL PLAN REQUIREMENTS**

THIS PLAN SHALL SHOW A SITE PLAN INCLUDING ALL DRAINAGE FEATURES (HARD SURFACES, BMPs, DRAIN LINES, CATCH BASINS, INLETS, PUMPS, ETC.) AND ALL SIDE SEWER FEATURES (SERVICE DRAIN SIDE SEWERS AND SANITARY SIDE SEWERS AND THEIR APPROVED POINTS OF CONNECTION).

SEE THE INSTRUCTIONS FOR THE DRAINAGE AND WASTEWATER CONTROL PLAN ON THE SDCI STORMWATER CODE WEBSITE AND VOLUME 1, CHAPTER 8 OF THE 2016 SEATTLE STORMWATER MANUAL FOR SITE PLAN AND DRAINAGE ELEMENTS REQUIRED ON THIS PLAN.  
<http://www.seattle.gov/dpd/codesrules/codes/stormwater/default.htm>

THE DETAILS SHOWN IN THIS ARE A SELECTION OF COMMONLY USED ON-SITE STORMWATER MANAGEMENT BMPs. SEE THE CITY OF SEATTLE STORMWATER MANUAL, VOLUME 3, CHAPTER 5 (DIRECTOR'S RULE DPD 21-2016/SPU DW-200) FOR ADDITIONAL ON-SITE STORMWATER MANAGEMENT BMPs AND ADDITIONAL REQUIREMENTS FOR ALL BMPs.

**SITE AND DRAINAGE CONTROL SUMMARY SHEET**

COMPLETE THE ELECTRONIC ON-SITE STORMWATER MANAGEMENT CALCULATOR AND INSERT THE SITE AND DRAINAGE CONTROL SUMMARY SHEET BELOW. THE ELECTRONIC DOCUMENT IS AVAILABLE ON THE DPD STORMWATER CODE WEBSITE.  
<http://www.seattle.gov/dpd/codesrules/codes/stormwater/default.htm>

**On-site Stormwater Management - List Approach Calculator**  
 Site and Drainage Control Summary

Version 11-20-2015

To use the On-Site List Calculator you must select "Enable Content" when the Security Warning appears.

**Project Information**

Site Address: \_\_\_\_\_ DPD Project Number: \_\_\_\_\_

Primary Contact: \_\_\_\_\_ SDOT Project Number: \_\_\_\_\_

Project Type: \_\_\_\_\_ Primary Contact E-mail or Phone: \_\_\_\_\_

Total Site Area: \_\_\_\_\_ sf

Total New plus Replaced Hard Surface Area: \_\_\_\_\_ sf

Existing Hard Surface Area: \_\_\_\_\_ sf

Total New and/or Replaced Lawn and Landscaping: \_\_\_\_\_ sf

Undisturbed and protected site area: \_\_\_\_\_ sf

Was the project lot created after Jan 1, 2016?

Project Engineer: \_\_\_\_\_

On-site Performance Standard will be used (professional engineer required)?

**Site Information**

Note: If required for your project, reference the Preliminary Assessment Report (PAR) to complete this section. If the total areas proposed are different from those provided in the PAR, requirements may change.

Approved Point of Stormwater Discharge

Drainage Basin: \_\_\_\_\_

Is the downstream drainage system considered to be undisturbed or constrained by SPU?

Approved Point of Wastewater Discharge: \_\_\_\_\_

Approved Point of Sub-Drainage Discharge: \_\_\_\_\_

Flow Control is required:

Flow Control Standard: \_\_\_\_\_

Water Treatment for pollution-generating activities: \_\_\_\_\_

Select required treatment:  Oil Control  Phosphorus  Enhanced  Basic

Total Pollution Generating Surface Area: \_\_\_\_\_ sf

Total Pollution Generating Surface Area: \_\_\_\_\_ sf

Source Control is required:

Environmentally Critical Areas:  Steep Slope  Potential Slide  Riparian Corridor  Wetland  Liquefaction  Flood Prone  Landfill  Krummholz  Fish / Wildlife  Peat / Groundwater Management  Shoreline Habitat

Temporary dewatering: \_\_\_\_\_ Permanent dewatering required: \_\_\_\_\_

A licensed professional recommends this plan not be used anywhere within the project site due to reasonable concerns of erosion, slope failure, or flooding:

**Infiltration Information**

Is infiltration investigation required?

Is infiltration on the site feasible?

Site Measured Infiltration Rate: \_\_\_\_\_ x Infiltration Rate Correction Factor: \_\_\_\_\_ = \_\_\_\_\_ Site Design Inf Rate: \_\_\_\_\_

**On-site Stormwater Management**

Number of roof areas: \_\_\_\_\_

Number of other surface areas: \_\_\_\_\_

| Surface Description                           | On-Site BMP | Contrib. Area (sf) | Vol Managed per Year (cf)  | Facility Size (sf) | Facility Configuration |
|---|-------------|--------------------|--|--------------------|------------------------|
| Total New/Replaced Roof Area                  | 0           |                    | Total Roof Area Managed  | 0                  |                        |
| Total New/Replaced Other Surface Area         | 0           |                    | Total Other Surface Managed  | 0                  |                        |
| Total Area Managed                            | 0           |                    | Total Volume Managed On Site   | 0 cf               |                        |
| Estimated compost required for soil amendment | 0           | cy                 | Volume of compost required for soil amendment will be verified by the DPD Site Inspector for DPD permitted projects. |                    |                        |

SAMPLE

**ON-SITE STORMWATER MANAGEMENT PLANTINGS**

**PLANTING GENERAL NOTES**

- PLANTS SHALL BE SITED ACCORDING TO SUN, SOIL, WIND AND MOISTURE REQUIREMENTS.
- AT A MINIMUM, PROVISIONS MUST BE MADE FOR SUPPLEMENTAL IRRIGATION DURING THE FIRST TWO GROWING SEASONS.

**BIORETENTION CELLS, PLANTERS AND RAIN GARDEN NOTES**

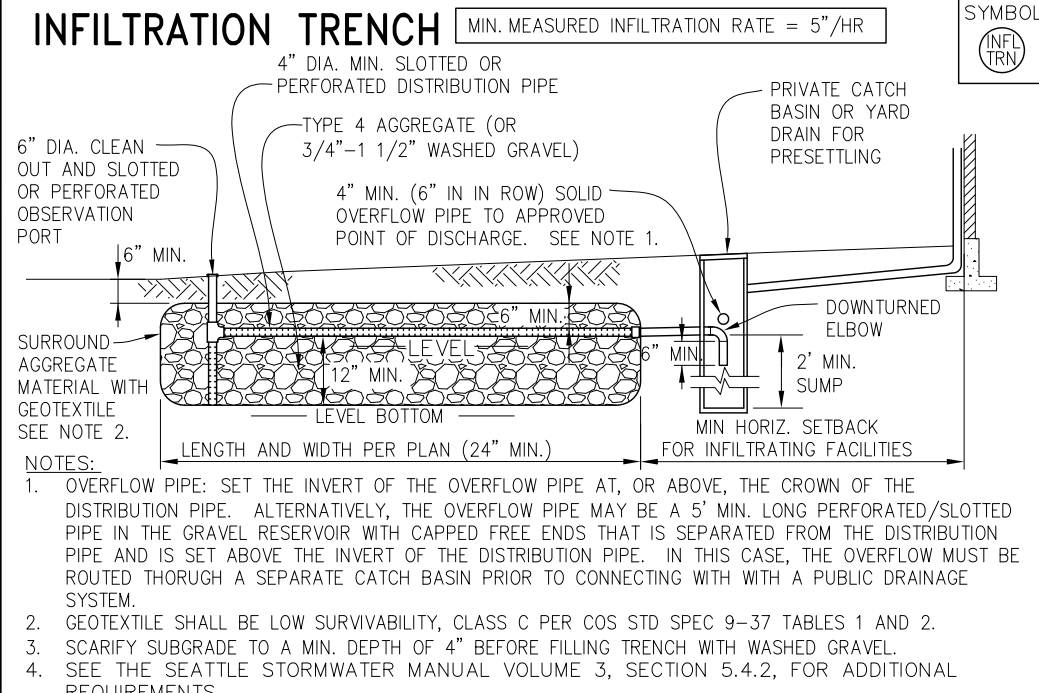
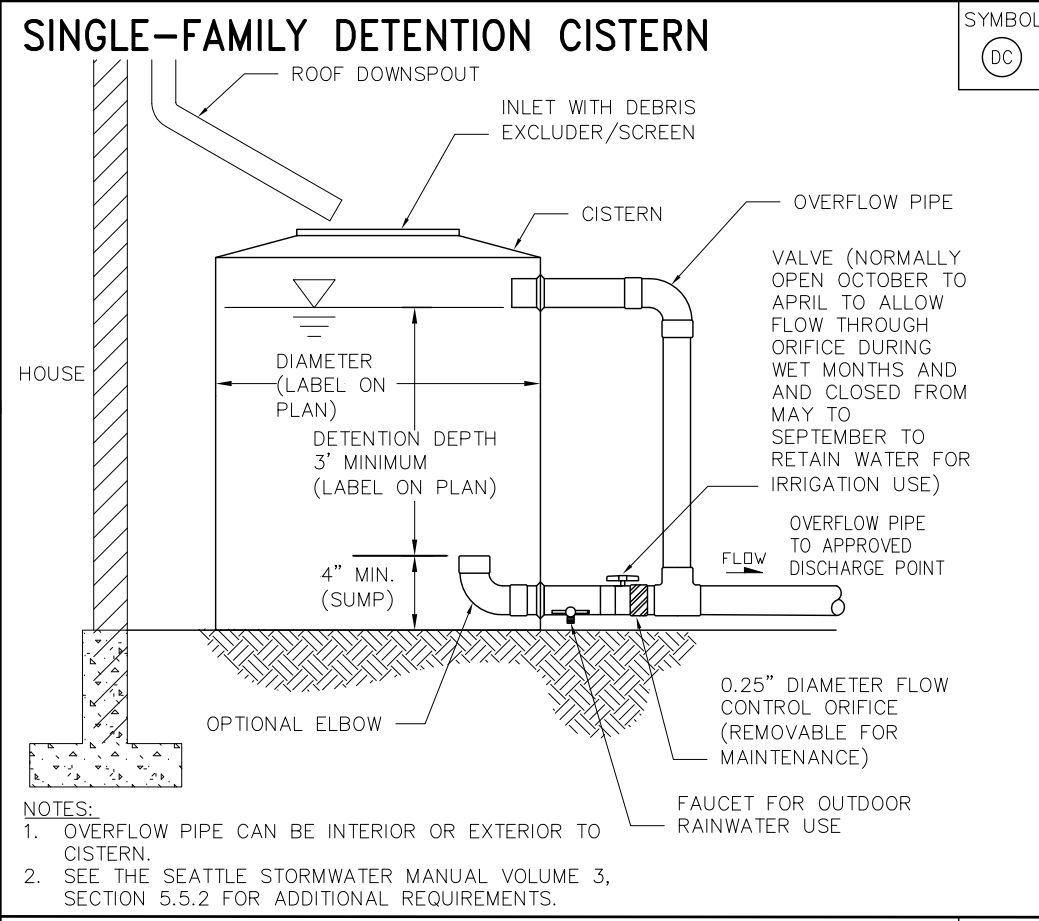
- FOR A LIST OF APPROVED PLANTS FOR BIORETENTION/RAIN GARDEN FACILITIES, SEE APPENDIX E, SECTION E-9 OF THE 2016 SEATTLE STORMWATER MANUAL.
- VEGETATION COVERAGE OF SELECTED PLANTS MUST ACHIEVE 90-PERCENT COVERAGE WITHIN 2 YEARS OR ADDITIONAL PLANTINGS SHALL BE PROVIDED UNLESS DESIGNED BY A LICENSED LANDSCAPE ARCHITECT, PROVIDE A MINIMUM OF 1 PLANT PER EVERY 2 SQUARE FEET OF BIORETENTION BOTTOM AND SLOPED SIDE AREA.
- PROVIDE A MINIMUM OF THREE DIFFERENT SPECIES OF SHRUBS AND HERBACEOUS PLANTS IN EACH FACILITY.

**VEGETATED ROOF NOTES**

- APPROPRIATE PLANTS INCLUDE SUCCULENTS, GRASSES, HERBS, AND WILDFLOWERS THAT ARE ADAPTED TO HARSH CONDITIONS. PLANTS MAY BE INSTALLED AS PRE-GROWN MATS, INDIVIDUAL PLUGS, CUTTINGS, OR SPREAD AS SEEDS.
- VEGETATION COVERAGE OF SELECTED PLANTS MUST ACHIEVE 90-PERCENT COVERAGE WITHIN 2 YEARS OR ADDITIONAL PLANTINGS SHALL BE PROVIDED.
- A LANDSCAPE MANAGEMENT PLAN SHALL BE DEVELOPED AND IMPLEMENTED.

**SIDE SEWER AND DRAINAGE PERMIT NOTES**

- SIDE SEWERS AND DRAINAGE FACILITIES SHALL BE CONSTRUCTED PER THE "REQUIREMENTS FOR DESIGN OF SIDE SEWERS (DRAINAGE & WASTEWATER)" DIRECTORS' RULE DPD 4-2011/2011-004 AND PER THE "2016 SEATTLE STORMWATER MANUAL" DIRECTORS' RULE DPD 21-2015/SPU DW-200.
- A SEPARATE DRAINAGE AND SIDE SEWER PERMIT IS REQUIRED FOR ALL ONSITE DRAINAGE ELEMENTS AND SIDE SEWERS/SERVICE DRAINS. APPROVAL OF THIS PLAN IS REQUIRED PRIOR TO OBTAINING A DRAINAGE AND SIDE SEWER PERMIT.
- RE-USE OF EXISTING SIDE SEWERS WHEN THERE WILL BE AN INCREASE IN LIVING UNITS REQUIRES THE EVALUATION AND CERTIFICATION (PE EVAL/CERT) OF THE EXISTING SIDE SEWER BY A PROFESSIONAL ENGINEER PRIOR TO FINALIZING THE SIDE SEWER AND DRAINAGE PERMIT. IN MOST CASES, THE SIDE SEWER MUST BE LINED ALL THE WAY TO THE MAIN. SEE DIRECTORS RULE 4-2011/M AND SMC 21.16.240.
- IN ORDER TO ADD UNITS TO AN EXISTING SIDE SEWER, A CERTIFIED LETTER STATING THE INTENT TO ADD UNITS TO THE SHARED SIDE SEWER MUST BE SENT TO ALL PROPERTY OWNERS OF PARCELS SERVED BY THE SHARED SIDE SEWER AT LEAST 30 DAYS PRIOR TO APPLYING FOR THE SIDE SEWER PERMIT. SMC 21.16.240.C. A RECEIPT OF CERTIFIED MAILING AND THE CERTIFICATION/ATTESTATION OF MAILING NOTIFICATION MUST BE SUBMITTED TO SDCI PRIOR TO PERMIT ISSUANCE.
- DEVIATIONS FROM THE APPROVED DRAINAGE AND WASTEWATER CONTROL PLAN WILL REQUIRE A FORMAL POST-SUBMITTAL REVISION FOR PLAN REVIEW AND APPROVAL. POST-SUBMITTAL REVISIONS MUST BE SUBMITTED ELECTRONICALLY THROUGH THE SDCI PROJECT PORTAL.



**AS-BUILT MEASUREMENTS / NOTES**

THIS SECTION IS TO BE COMPLETED AFTER THE DRAINAGE, WASTEWATER, AND SIDE SEWER FEATURES HAVE BEEN INSTALLED. FOR INSTRUCTIONS TO PREPARE THE AS-BUILT PLAN, SEE SDCI TIP #504.

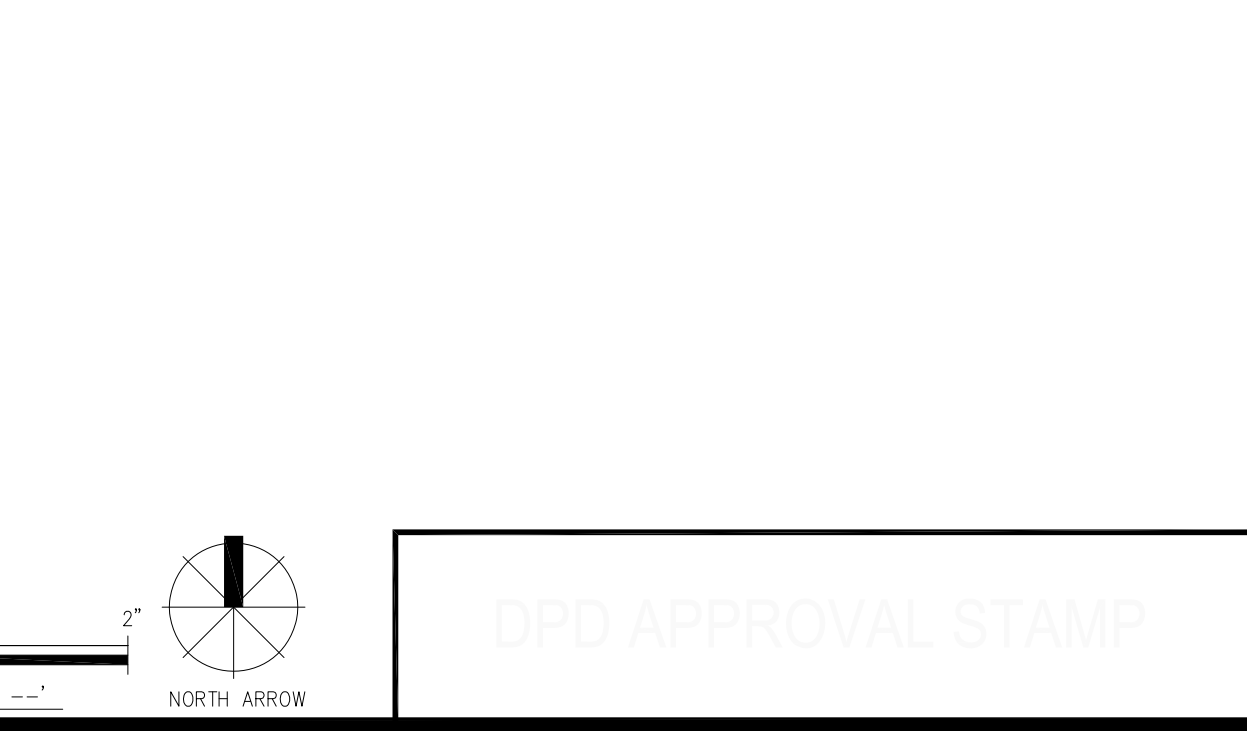
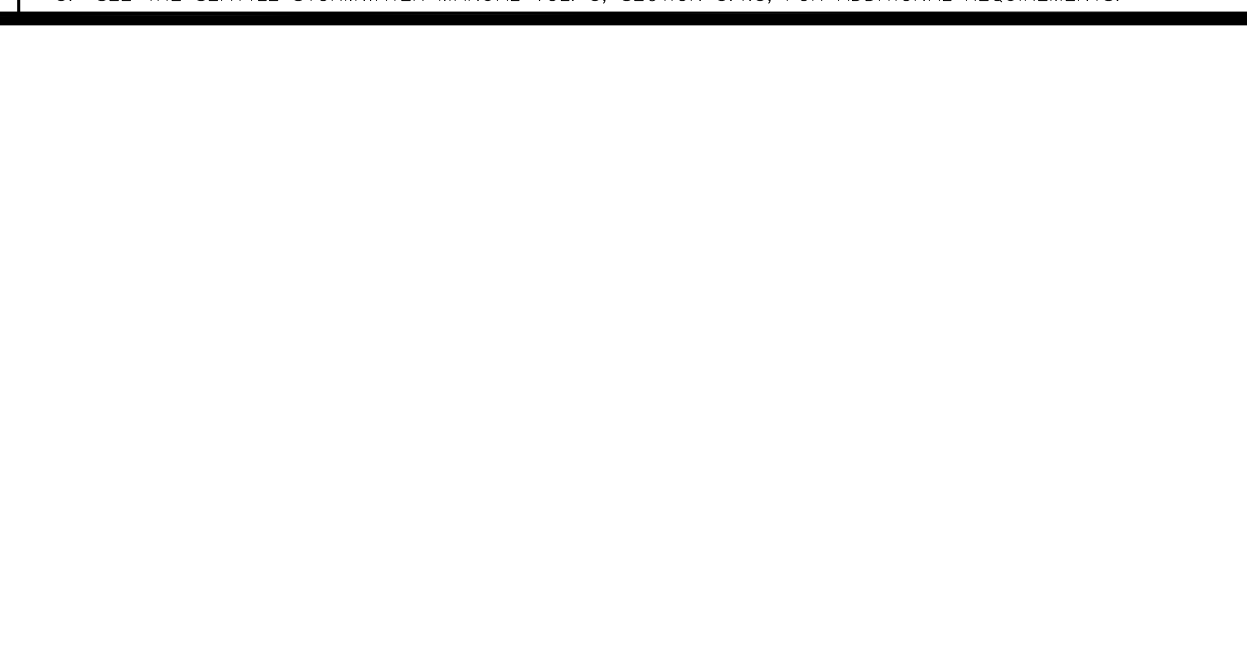
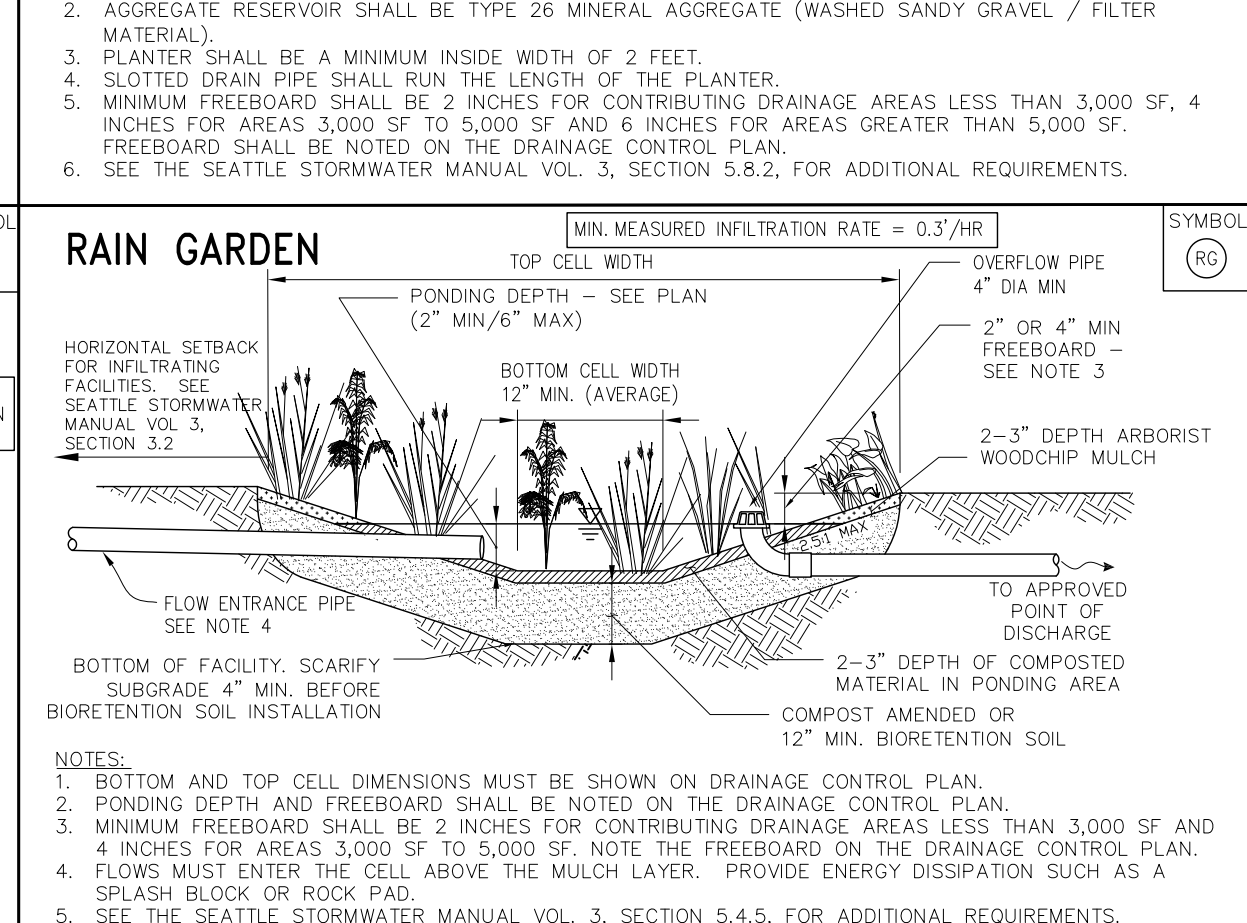
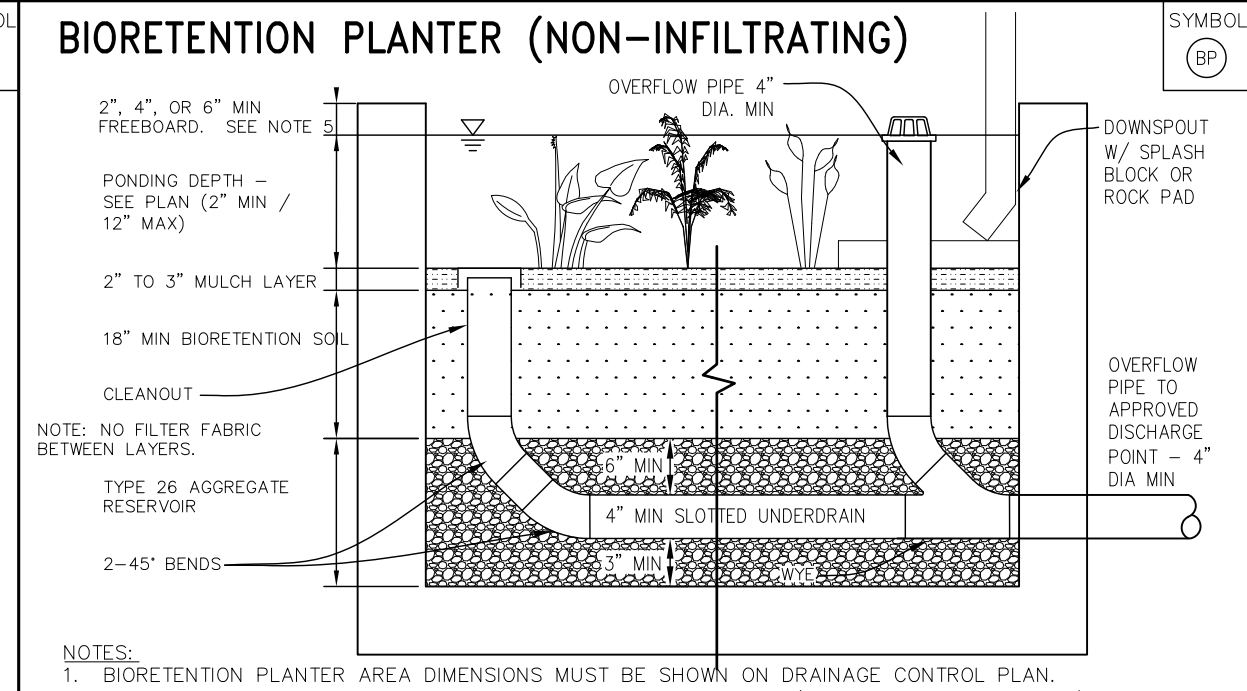
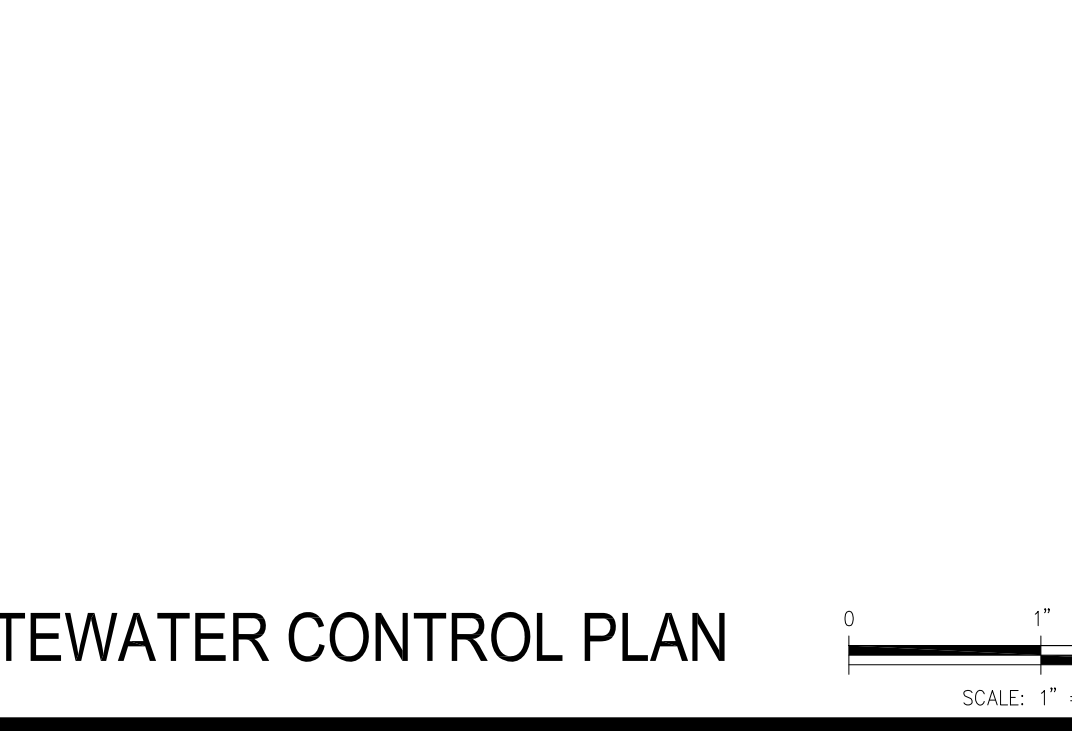
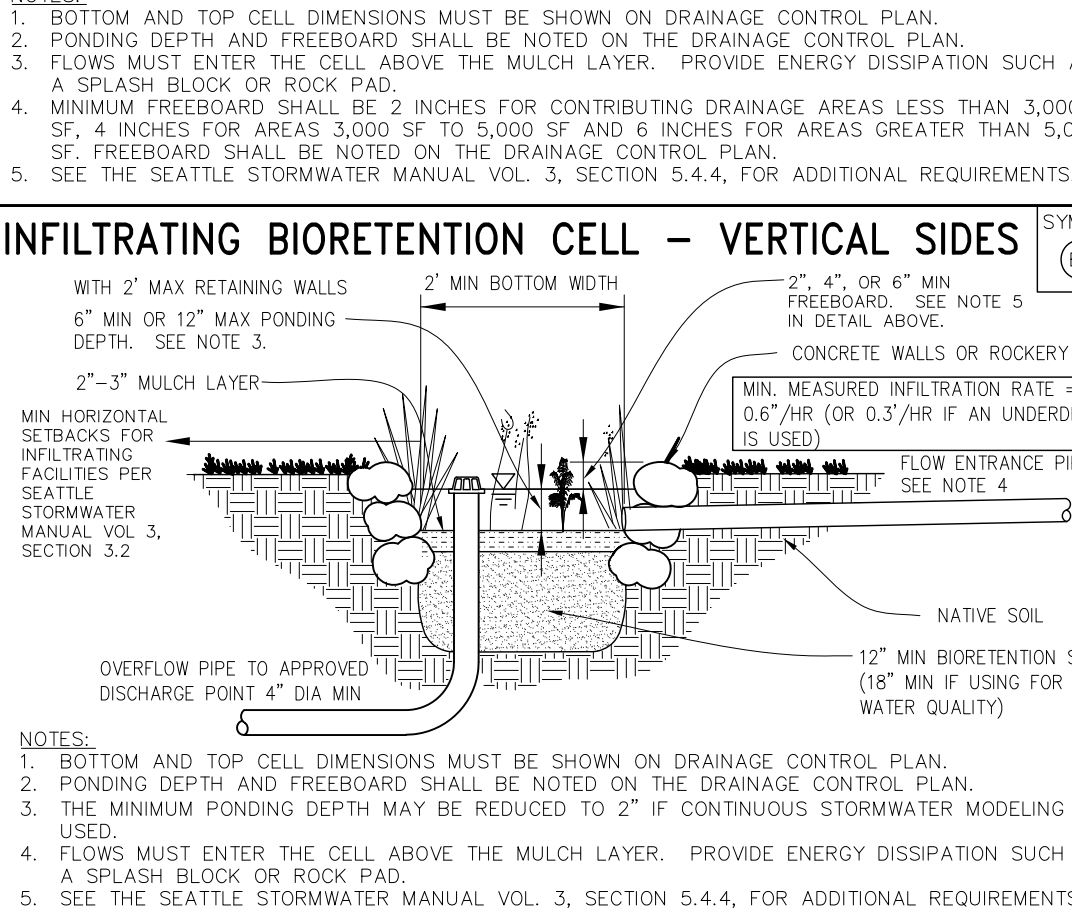
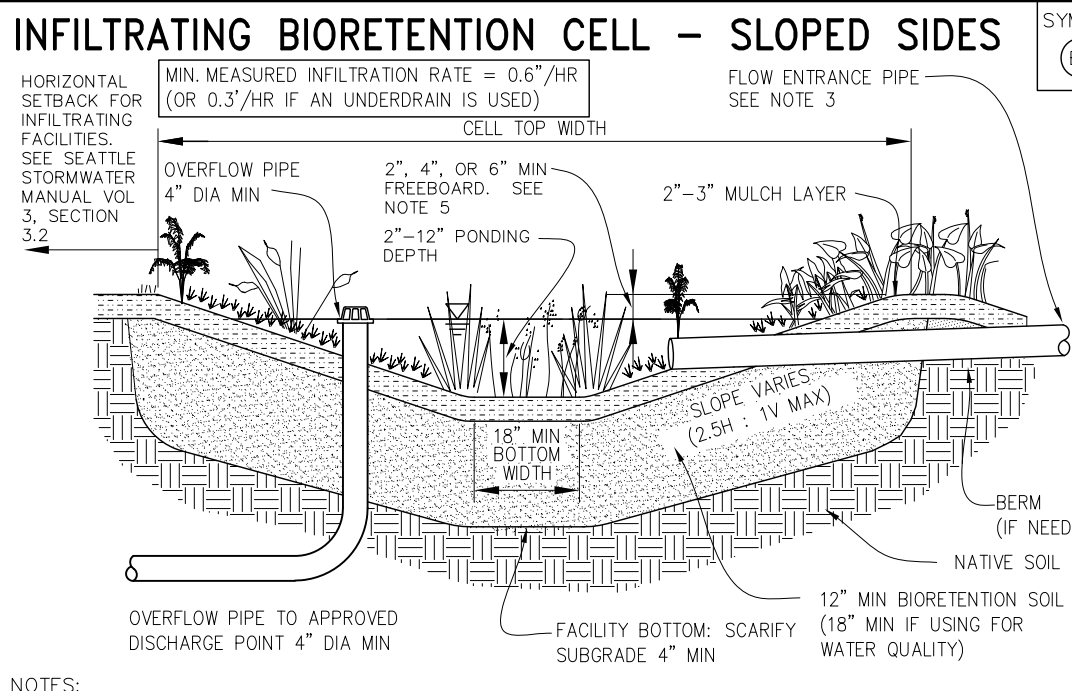
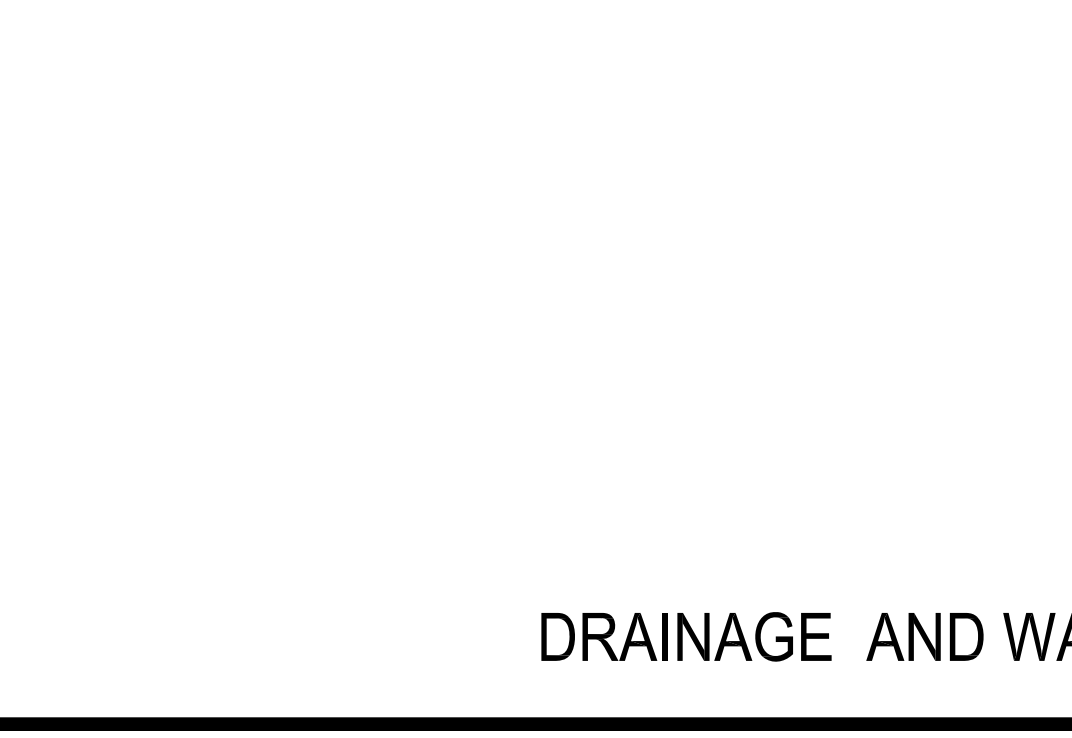
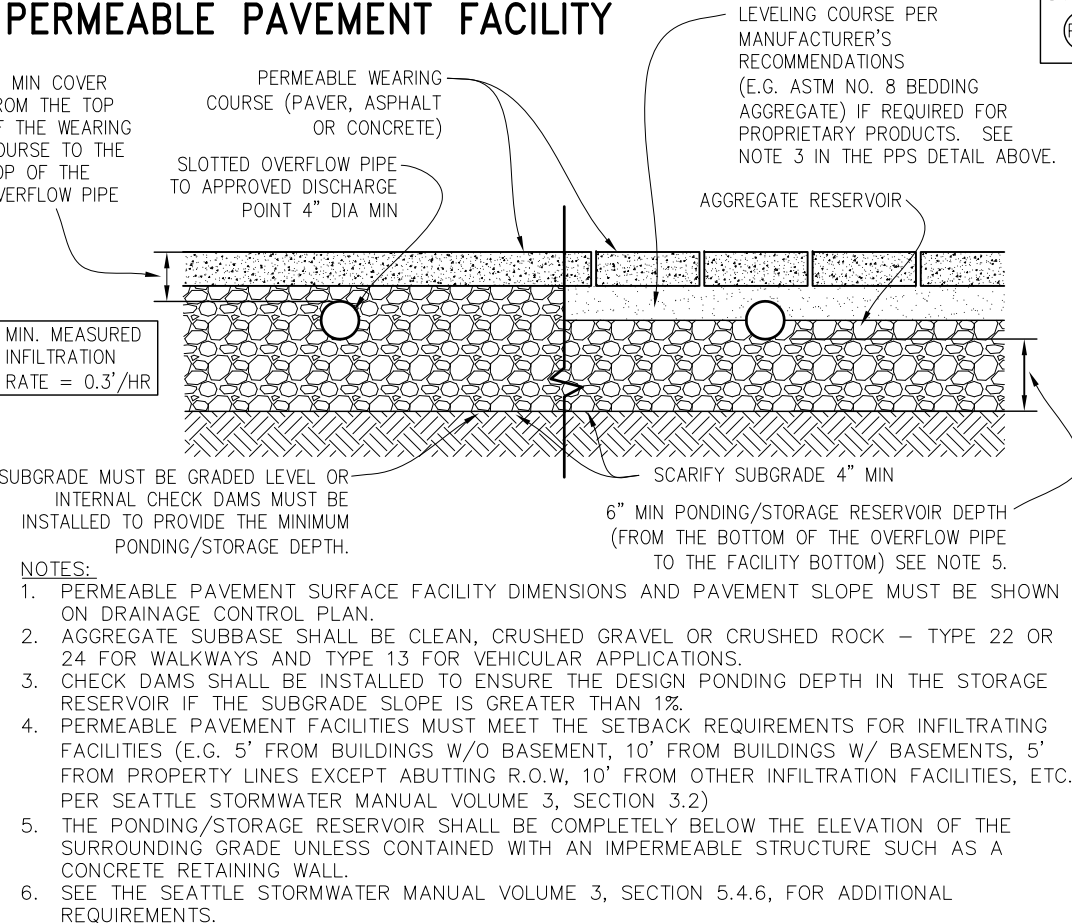
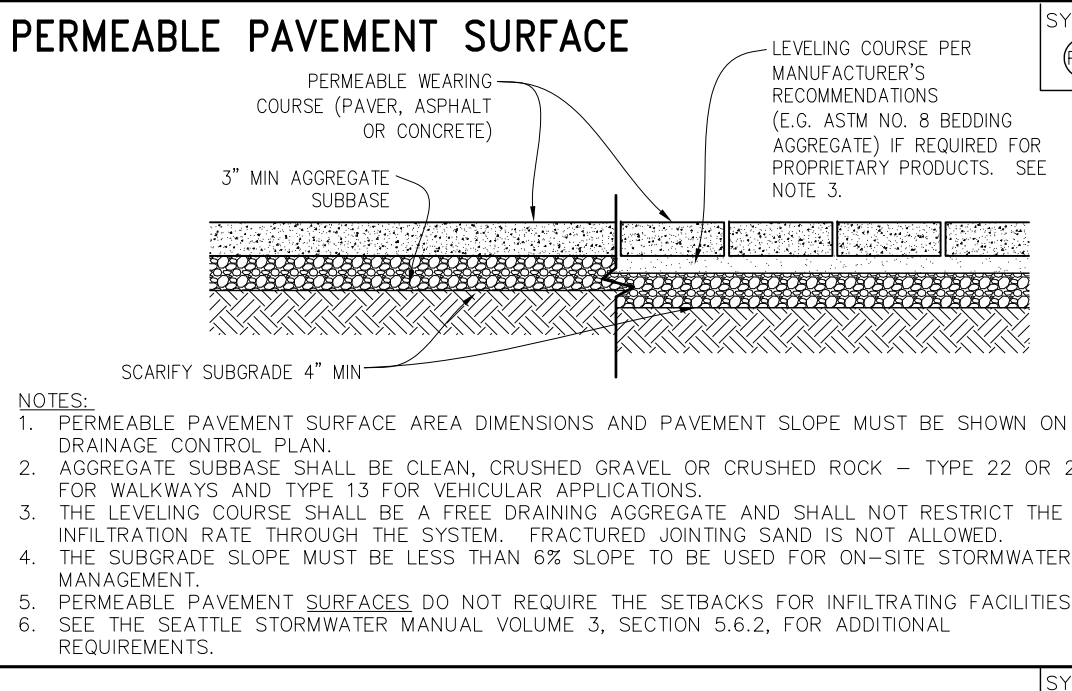
SDCI SIDE SEWER AND DRAINAGE PERMIT # \_\_\_\_\_

**MEASUREMENTS IN THE RIGHT-OF-WAY**  
 (TO BE TAKEN BY A REGISTERED SIDE SEWER CONTRACTOR (RSSC))

- DISTANCE FROM CENTERLINE OF DOWNSTREAM MH TO CENTERLINE OF NEW SERVICE CONNECTION \_\_\_\_\_
- SIDE SEWER INTERSECTION WITH PROPERTY LINE - DEPTH \_\_\_\_\_
- SIDE SEWER INTERSECTION WITH PROPERTY LINE - DISTANCE \_\_\_\_\_

**STORMWATER FACILITIES/CONTROL OPERATIONS & MAINTENANCE REQUIREMENTS**

ALL STORMWATER FACILITIES/CONTROLS SHALL BE OPERATED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2016 SEATTLE STORMWATER MANUAL, APPENDIX G.



TEMPLATE VERSION:  
2017-07-14

STANDARD DRAINAGE AND WASTEWATER CONTROL (DWC) PLAN

APPLICANT PLAN SET

CITY OF SEATTLE  
DEPARTMENT OF CONSTRUCTION AND INSPECTIONS

Project Number: 6-\_\_\_\_\_

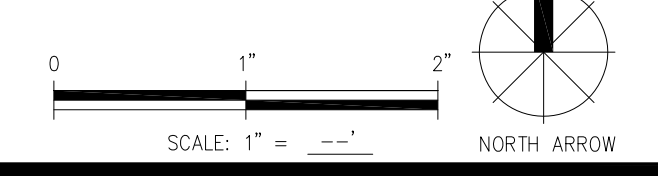
Address: 1234 SEATTLE

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STANDARD  
DWC  
PLAN

SHEET DWC

**DRAINAGE AND WASTEWATER CONTROL PLAN**



DPD APPROVAL STAMP