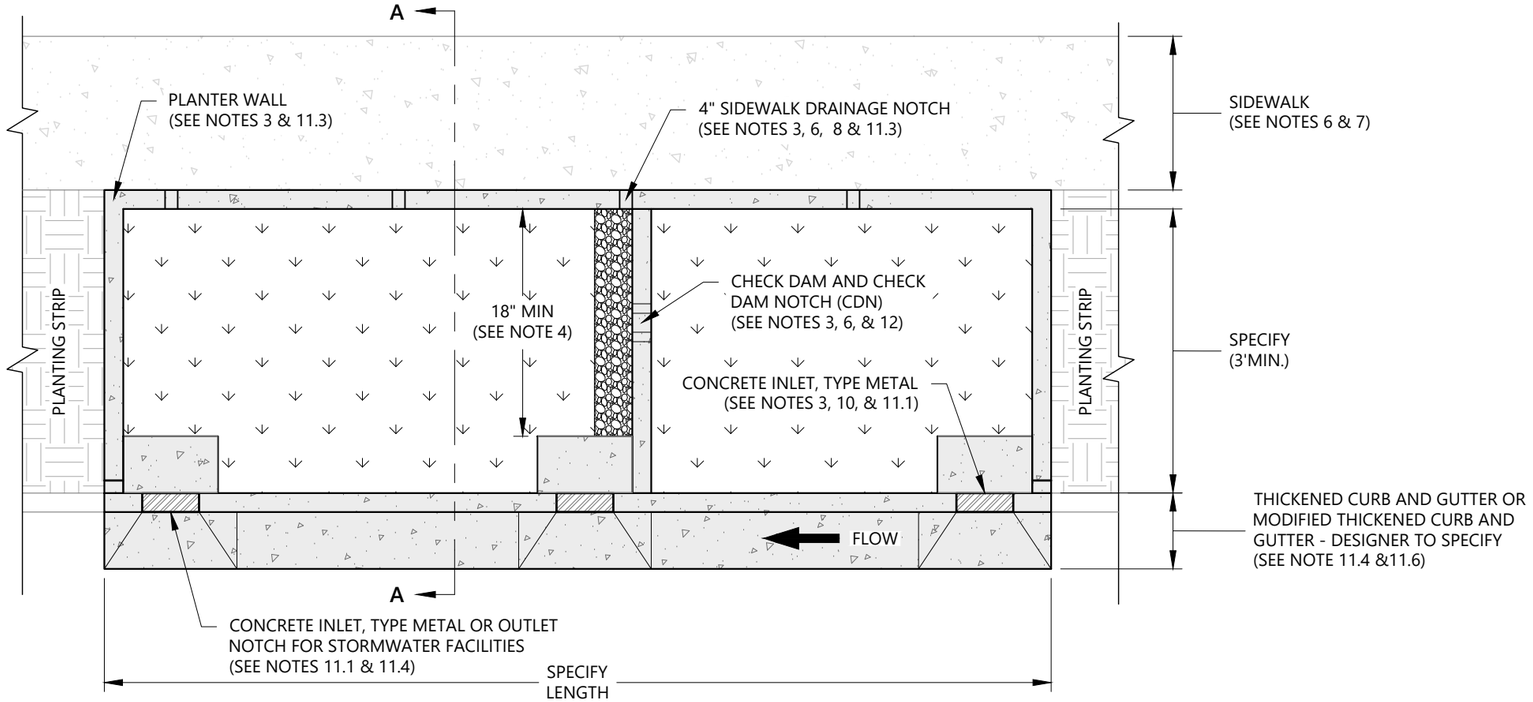
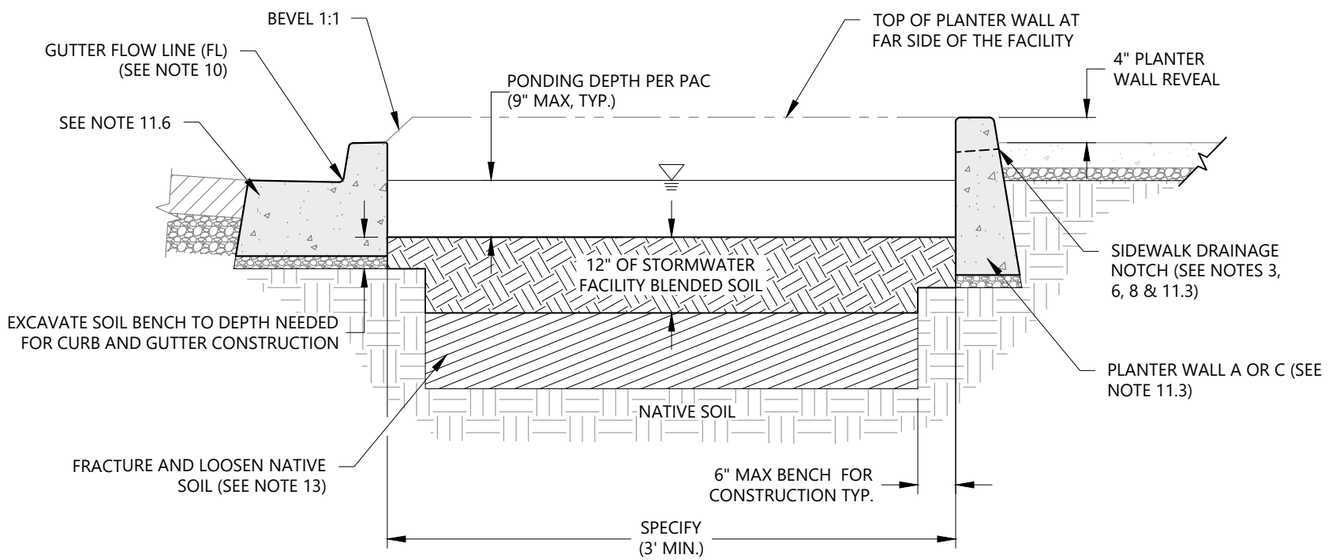


PLAN VIEW
(PLANTER WITHOUT PARKING)



SECTION A-A
(PLANTER WITHOUT PARKING)

DESIGNER INFORMATION:

1. Adapt these templates to your engineered design. Maximize surface storage.
2. Facility ponding depth and area are based upon engineering calculations and right-of-way constraints.
3. Provide beginning and ending stations for each facility. Provide stationing and/or dimensions and elevations at each inlet, outlet, check dam, notch, and wall corner
4. If less than 18-in between splash pad and planter wall, then extend pad to wall.
5. Show liner, slotted pipe, 24" depth stormwater facility blended soil, and aggregate in section when used. Refer to SWMM detail SW-313: Facility Configuration Sections.
6. Ensure facility elevations direct overflow into the street before the sidewalk.
7. Detail assumes top-of-curb and top-of-sidewalk at approximately the same elevation. Modify detail if site conditions are different
8. Refer to City of Portland Standard Detail P-307 for Sidewalk Drainage Notch placement guidance.
9. Proposed utility lines to be located out of facility, or per details P-331, P-332, and P-333.
10. Depress gutter Flow Line (FL) 2-in to Bottom of Inlet (BI).

RELATED DETAILS AND RESOURCES:

11. City of Portland Standard Drawings:
    - 11.1. P-300: Concrete Inlet, Type Metal
    - 11.2. P-305: Concrete Inlet, Type Metal With or Without Channel, With G-1 or G-2 Grate
    - 11.3. P-307: Planter Walls
    - 11.4. P-308: Curb and Outlet Notch Details
    - 11.5. P-331 thru P-333: Utility Coordination
    - 11.6. P-540: Curbs
12. Stormwater Management Details:
    - 12.1. SW-309: Check Dam - Infiltration Facility
    - 12.2. SW-310: Check Dam - Infiltration Facility with Rock
    - 12.3. SW-311: Check Dam - Partial Infiltration Facility with Weep Holes
    - 12.4. SW-312: Check Dam - Lined Facility with Weep Holes
    - 12.5. SW-313: Facility Configuration Sections

CONSTRUCTION NOTES:

13. In unlined facilities, fracture and loosen native soil - DO NOT TILL - to 12-in below excavated depth before installing aggregates or blended soil. Do not work native soil or handle blended soil in wet conditions.

DISCLAIMER:

THE SELECTION AND USE OF DETAILS IN THIS MANUAL REQUIRE SITE SPECIFIC DESIGN CONSIDERATIONS IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRINCIPLES AND PRACTICES. DETAILS HEREIN MAY BE MODIFIED TO MEET SITE SPECIFIC NEEDS. ALL DETAILS PRESENTED IN THIS MANUAL, OR MODIFIED FROM THIS MANUAL, MUST BE INCLUDED IN PLAN SETS WITH APPROPRIATE REFERENCES. DESIGNS, INCLUDING THE USE OF THESE DETAILS, ARE THE SOLE RESPONSIBILITY OF THE USER.

IMPORTANT: Utility conflicts and existing conditions can create major design variables. Locate utilities and survey existing conditions prior to beginning design work and include information on design drawings.

The Portland Bureau of Transportation (PBOT), Portland Water Bureau (PWB), and Bureau of Environmental Services (BES) are responsible for the review and approval of Stormwater Facilities in the public right of way. Stormwater facilities in Wellhead Protection Areas may require special containment measures as required by City Code 21.35.

For more information contact:
PBOT (503) 823-7884
BES (503) 823-7761
PWB (503) 823-7368
Urban Forestry (503) 823-8733

Bureau of Environmental Services
CITY OF PORTLAND, OREGON
2025 STORMWATER MANAGEMENT MANUAL

SWMM Reference Detail Title

PLANTER - NO PARKING PLAN AND SECTION VIEWS

Effective Date: 03-01-2025

SWMM Ref. Det. No.
SW-301