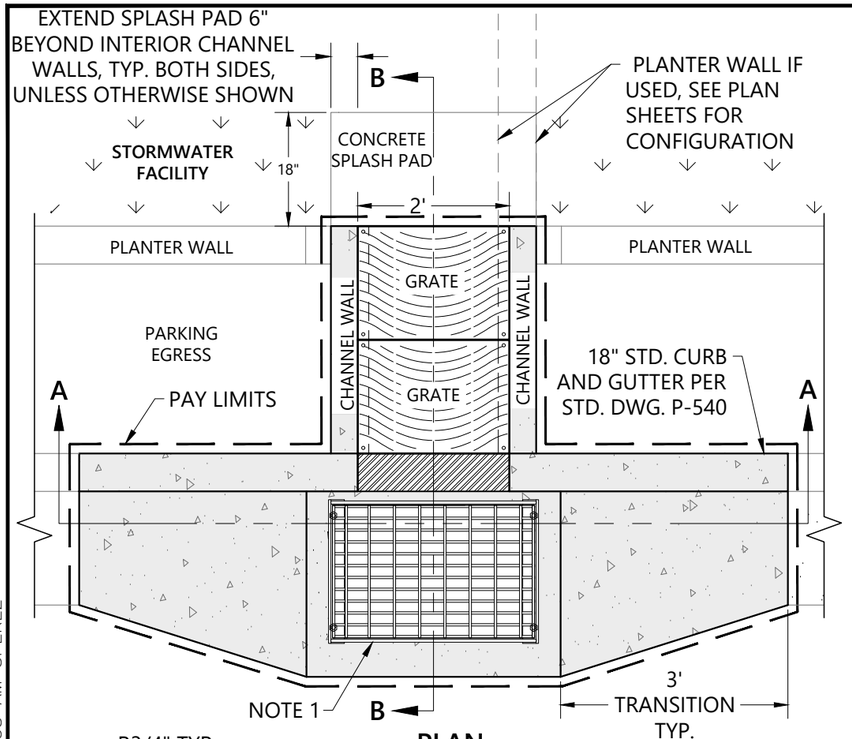

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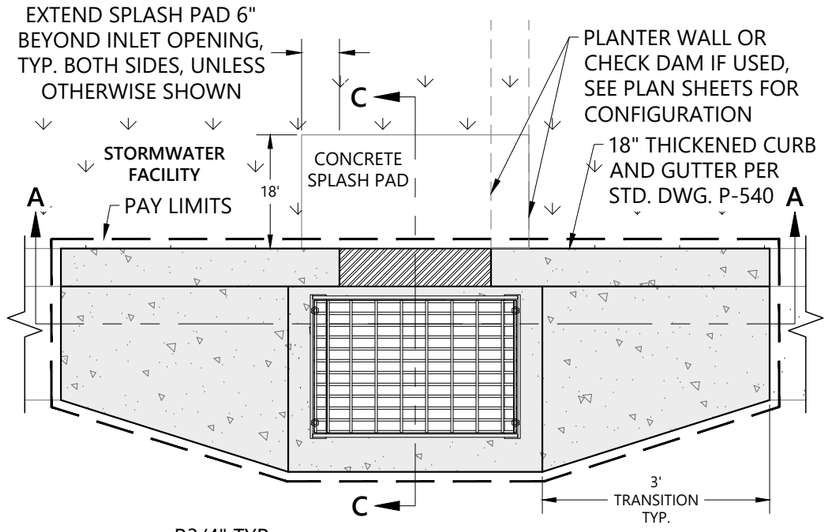

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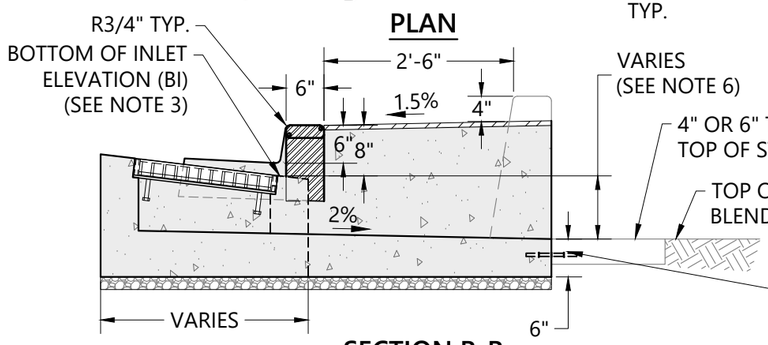
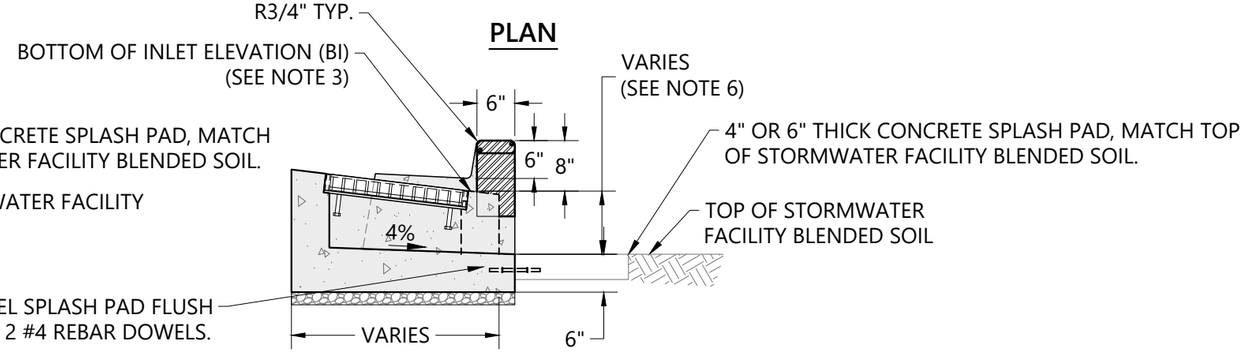
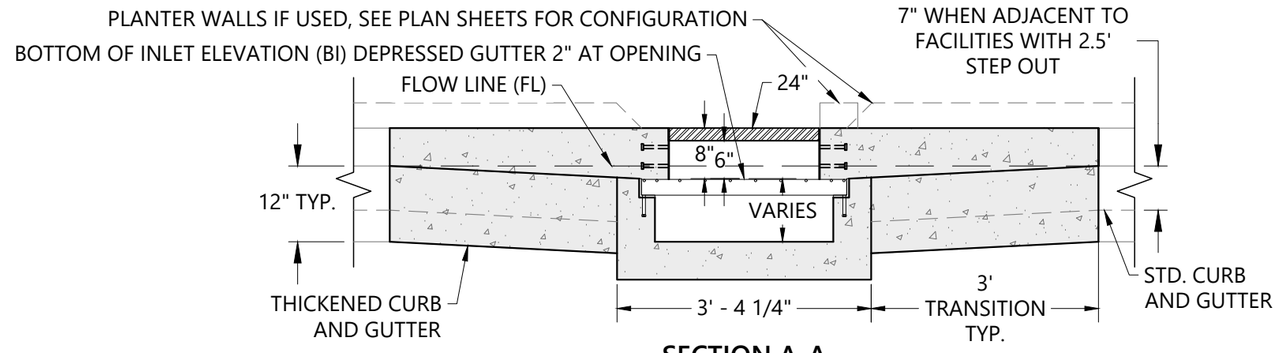


SECTION B-B



SECTION C-C



SECTION A-A

CONCRETE INLET, TYPE METAL WITH CHANNEL (2.5 FT. STEP OUT)

NOT TO SCALE

CONCRETE INLET, TYPE METAL

NOT TO SCALE

NOTES:

1. REFER TO ODOT STANDARD DRAWINGS RD363, RD364 AND RD365 FOR ADDITIONAL INFORMATION ON G-1/G-2 INLETS.
2. REFER TO CITY OF PORTLAND STANDARD DRAWING P-302 FOR METAL INLET ASSEMBLY.
3. G-2 INLETS WITH 2" GUTTER FLOW LINE DEPRESSION TYPICAL. USE G-1 INLETS WHEN ADJACENT TO BIKE LANES AND DO NOT DEPRESS GUTTER FLOW LINE 2".
4. SMOOTH TRANSITION TO ENSURE WATER FLOWS INTO GUTTER.
5. CHANNEL GRATE AND FRAME:
   - 5.1. OLYMPIC FOUNDRY INC. SM50 18"x24" "TWS" ADA GRATE AND FRAME, OR APPROVED EQUAL.
   - 5.2. CAST IRON WITH NATURAL FINISH.
   - 5.3. RATED FOR H-20 LOADING
   - 5.4. ADA COMPLIANT.
6. 9"-12" DEPTH TYPICAL. TOP OF SOIL ELEVATION BASED ON DESIGNED PONDING DEPTH AND FREEBOARD AT OUTLET (CHECK DAM, BEEHIVE, OUTLET NOTCH) OF EACH FACILITY BAY.

The selection and use of this Standard Detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Bureau of Environmental Services
CITY OF PORTLAND, OREGON
Digitally signed by Paul Suto
Date: 2025.03.10 09:15:21 -07'00'
Chief Engineer

Standard Detail Title

CONCRETE INLET, TYPE METAL WITH OR WITHOUT CHANNEL, WITH G-1 OR G-2 GRATE

Note:
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.

Effective Date: 03-01-2025
Calc. Book No.: N/A
Baseline Report Date: N/A

Standard Detail No.
P-305

P-305_CONCRETE_INLET_TYPE_METAL_WITH_G-1_OR_G-2_GRATE.DWG 2/28/25 11:58 AM SPEREZ