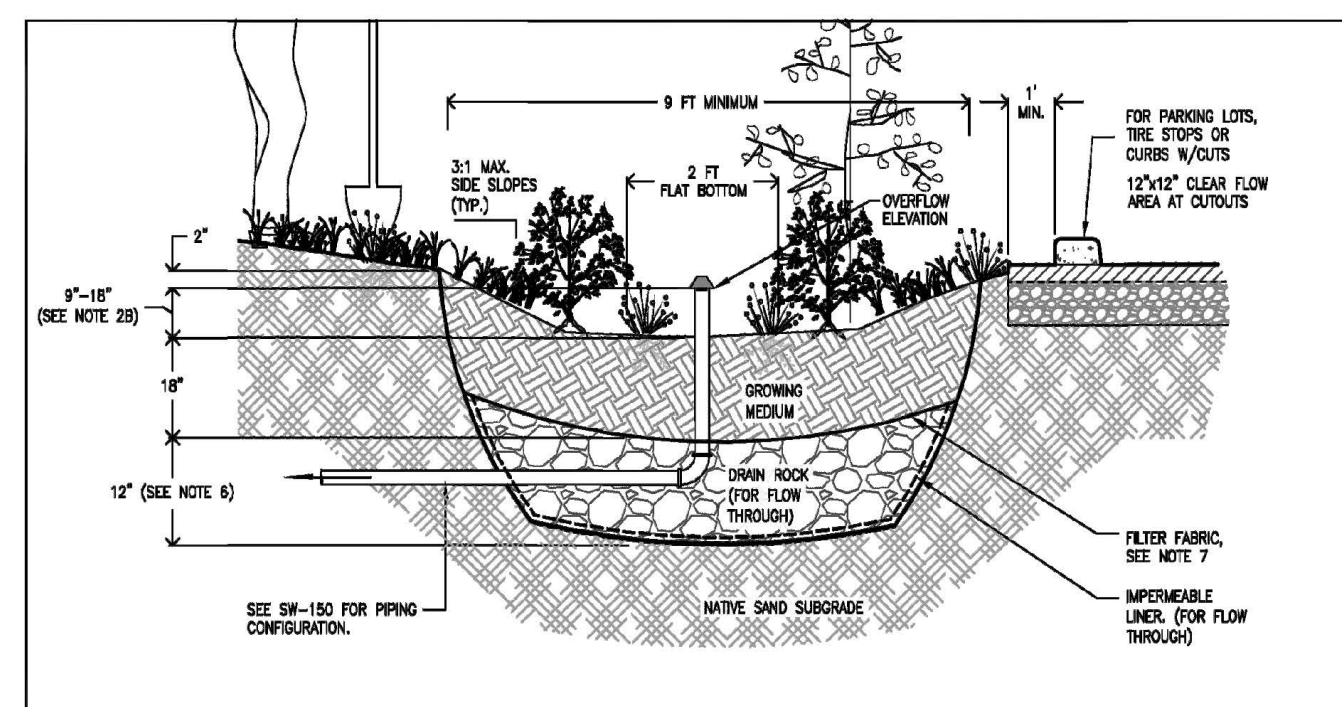


STORMWATER RUN-OFF FROM THE NEW PUBLIC STREET AND SIDEWALKS ARE TO BE TREATED VIA PUBLICLY MAINTAINED STORMWATER DRAIN GARDENS AS SHOWN HEREIN IN ACCORDANCE WITH CITY STANDARD DRAWING SW-140 AND THE CITY OF FLORENCE STORMWATER DESIGN MANUAL DATED NOVEMBER 2010 AND REVISED SEPTEMBER 2011 AND THE CITY OF FLORENCE STORMWATER MASTER PLAN UPDATE DATED DECEMBER 2018. SIZING OF THE STORMWATER FACILITIES WAS ACCOMPLISHED BY THE PRESUMPTIVE METHOD.

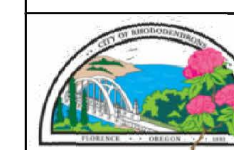
THE INDIVIDUAL LOTS, AT THE TIME OF BUILDING PERMIT, SHALL BE RESPONSIBLE FOR THE TREATMENT AND CONVEYANCE OF STORMWATER RUN-OFF BEFORE INFILTRATING ON SITE AND/OR DISCHARGING TO TAMARACK STREET. INDIVIDUAL LOT STORMWATER FACILITIES SIZES (DEPENDING ON LOT SIZE AND 80% BUILD OUT) SHALL RANGE APPROXIMATELY BETWEEN 300 SQ.FT. TO 517 SQ.FT.

STORMWATER		FACILITY DATA	
STORMWATER BASIN	AREA	PLANTER AREA REQUIRED	PLANTER AREA PROVIDED
1	5812 SF		
2	5812 SF		
1+2	11,624 SF	220 SF	308 SF
3	13,816 SF		
4	12,907 SF		
3+4	26,723 SF	476 SF	496 SF
5	3186 SF		
6	3501 SF		
5+6	6687 SF	132 SF	136 SF



1. Provide protection from all vehicle traffic, equipment staging, and foot traffic in proposed infiltration areas prior to, during, and after construction.
2. Dimensions:
 - a. Width of basin: 9' minimum.
 - b. Depth of basin from top of growing medium to (overflow elevation): 3' minimum; 12" deep; 12" Presumptive; 9" R1.
 - c. Flat bottom width: 2' min.
 - d. Side slopes of basin: 3:1 maximum.
3. Setbacks (from midpoint of facility):
 - a. Infiltration basins must be 10' from foundations and 8' from property lines.
 - b. Flowcontrol weaves must be lined with connection to approved discharge point according to SWDM Section 2.1.
4. Overflow:
 - a. Overflow required for Stormfall Approach.
 - b. Inlet elevation must allow for 2' of freeboard, minimum.
 - c. Protect from debris and sediment with strainer or grate.
5. Piping: shall be ABS 36" OD, cast iron, or PVC SCH 40, 3"
6. Drain rock:
 - a. None required for infiltration basin
 - b. Size for draw-through basin: 3/4" washed
7. Separation between down rock and growing medium: Use fabric (see SWDM Exhibit 2-5).
8. Growing medium:
 - a. 15" minimum
 - b. See Appendix B for specification.
9. Vegetation: Follow landscape plans otherwise refer to plant list in SWDM Appendix G. Minimum container size to plant list:
 - a. # of plantings per 100sf of facility area:
 - i. Zone A (wall): 112 herbaceous plants OR 100 herbaceous plants and 4 shrubs
 - ii. Zone B (moderate to dry): 1 tree AND 3 large shrubs AND 4 medium to small shrubs.
- The delineation between Zone A and B shall be either at the outlet elevation or the check dam elevation, whichever is lowest:
10. Install washed pea gravel or river rock to transition from inlets and splash pad to growing medium.
11. Inspections: Call City of Florence Public Works (919) 857-4106 to schedule inspection.

- DRAWING NOT TO SCALE



CITY OF FLORENCE - Simplified / Presumptive Design Approach -

PUBLIC WORKS
688 Spruce St.
P. J. Brendo, CR
Phone: 641-4

DATE: 11-30-1

Rain Garden

SW-140

TENTATIVE SUBDIVISION: SUMMERSET II
FOR: PACIFIC RENTAL CORP.
MAP 18-12-23-34, TAX LOT 3701
SPRUCE STREET
FLORENCE, LANE COUNTY, OREGON

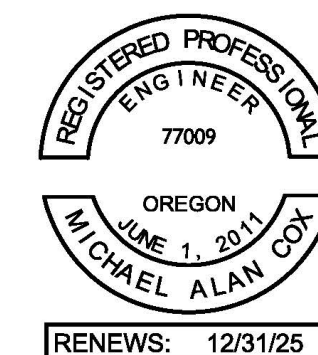
REVISIONS	
date	by

STORMWATER BASIN PLAN

job	24-8085
drawn	MRD
date	5/17/2025
checked	
filed	

SHEET

7
7 of 7



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