

Treatment of Impervious by Nested ESD Practices

Practice ID	Practice Type	DA (ft²)	IA %	Rv	PE (in.)	Maximum	Credit Provided		Nested Facilities (Only)			
						PE (in.)	ESDv (ft³)	PE (in.)	ESDv (ft³)	PE Provided/ 2.5"	Fully Treated	
						Per Practice					DA ft²	IA ft²
A	M-5	5,000	5,000	100	0.95	2.5	989	2.5	989	1	5,000	5,000
B	N-2	20,000	10,000	50	0.5	1	833	0.6	500	0.24	<u>4,800</u>	<u>2,400</u>
											Total: 9,800	7,400
C	M-2	50,000	20,000	40	0.41	2.5	4,271	2.34	4,000			
		<u>-9,800</u>	<u>-7,400</u>									
C (adjusted for nesting)	M-2	40,200	12,600	31.34	0.33	2.5	2,781	2.5	<u>2,781</u>			
Total ESD _v provided in Watershed =									4,270 ft³			

Notes:
Use adjusted C for ESDv and PE provided.
Use unadjusted DA & IA for hydrologic and hydraulic calculations and freeboard.

ESD Practices

- A-2 Permeable Pavements
- N-1 Disconnection of Rooftop Runoff
- N-2 Disconnection of Non-Rooftop Runoff
- N-3 Sheetflow to Conservation Areas
- M-1 Rainwater Harvesting
- M-2 Submerged Gravel Wetland
- M-3 Landscape Infiltration
- M-4 Infiltration Berms
- M-5 Drywells
- M-6 Micro-Bioretenion
- M-7 Rain Gardens
- M-8.1 Grass Swale
- M-8.2 Bio-Swale

