

CALCULATION SHEET

Rain Garden Sizing

Project: Andover Community Center

Client: Town of Andover

Date: June 2023



Storage Volume Table for Rain Garden			
Elevation	Area (sf)	Depth (ft)	Cumulative Storage (cf)
474	135	0	0
475	475	1	305
475.25	576	0.25	436

Total Volume = **436** cf

Area of Added Pavement = 5,000 sf

Water Quality Storm Depth = 1.0 in

Required Volume (area x depth)= **417** cf

The proposed volume of the rain garden exceeds the required volume.