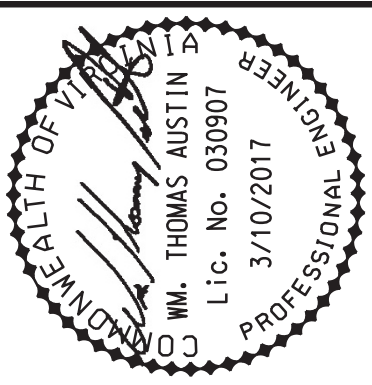


(ST) SEDIMENT TRAP

TEMPORARY SEDIMENT TRAP DESIGN SUMMARY TABLE	
STRUCTURE ID:	ST-1
DRAINAGE AREA (ACRES):	0.51
TOTAL STORAGE VOLUME REQ'D(CY):	68.4
<b>WET STORAGE REQUIREMENTS AND DIMENSIONS:</b>	
WET STORAGE VOLUME REQD. (CY):	34.2
WET STORAGE BOTTOM DIMENSIONS (L x W):	26' x 4'
WET STORAGE BOTTOM ELEVATION (D):	927.25
WET STORAGE DEPTH (FT):	4.0
WET STORAGE TOP DIMENSIONS:	34' x 12'
WET STORAGE TOP ELEVATION (C):	931.25
WET STORAGE SIDE SLOPE:	1 : 1
WET STORAGE VOLUME PROVIDED (CY):	37.9
<b>DRY STORAGE REQUIREMENTS AND DIMENSIONS:</b>	
DRY STORAGE VOLUME REQD. (CY):	34.2
DRY STORAGE BOTTOM DIMENSIONS (L x W):	34' x 12'
DRY STORAGE BOTTOM ELEVATION (C):	931.25
DRY STORAGE DEPTH (FT):	1.6
DRY STORAGE TOP DIMENSIONS (L x W):	40.5' x 18.5'
DRY STORAGE TOP ELEVATION (B):	932.85
DRY STORAGE SIDE SLOPE:	2:1
DRY STORAGE VOLUME PROVIDED (CY):	34.3
<b>EMBANKMENT REQUIREMENTS AND DIMENSIONS:</b>	
TOTAL EMBANKMENT HEIGHT - H (FT):	2.6
EMBANKMENT TOP ELEVATION (A):	933.85
OUTLET HEIGHT - Ho (FT):	1.6
EMBANKMENT TOP WIDTH - T (FT):	2.5
OUTLET LENGTH - L (FT):	4
OUTLET PROTECTION DIMENSIONS	CLASS I / 10'W X 10'L

[illegible]

Issue Date: 5/8/2017

Drawn By: DJS

Designed By: DJ

Checked By: WTA  
Date: 5/8/2017

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City of Roanoke  
Planning, Building, & Development  
COMPREHENSIVE DEVELOPMENT PLAN

**APPROVED**  
by Adrian Gilbert 03/15/2018

BERKLEY ROAD OVER GLADE CREEK TRIBUTARY A  
EROSION AND SEDIMENT  
CONTROL DETAILS  
CITY OF ROANOKE VIRGINIA

Vertical Scale  
N/A

Horizontal Scale:  
N/A

Commission Number:  
**34301**

Sheet No.:

# ES-8