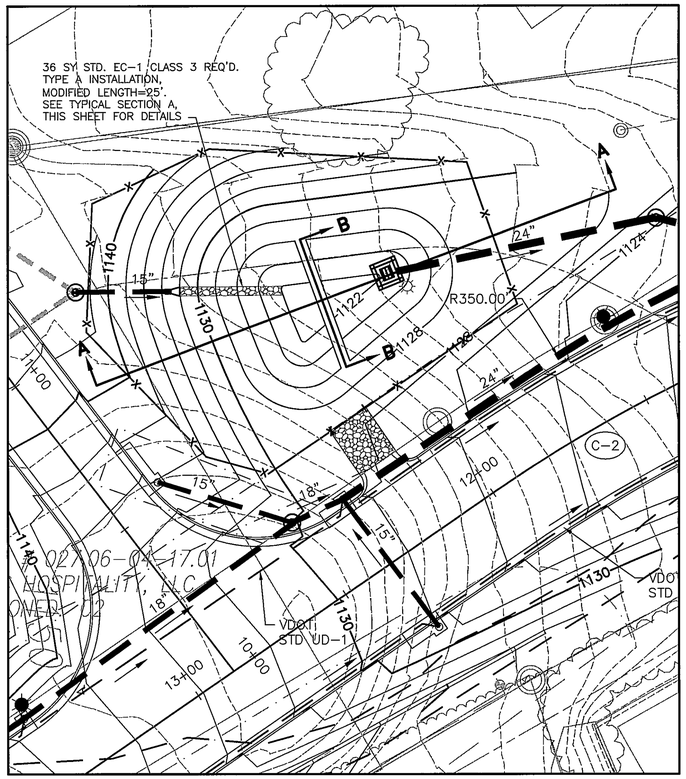
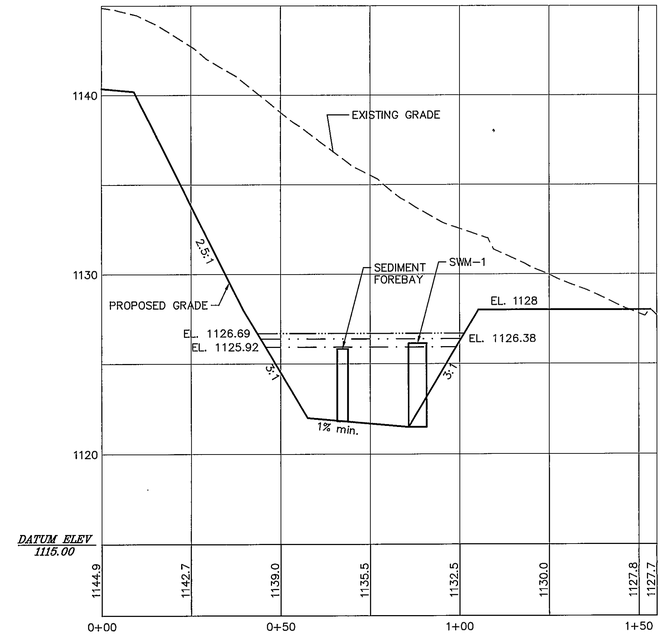
APPROVED



STORMWATER MANAGEMENT BASIN PLAN

SCALE: 1"=20'

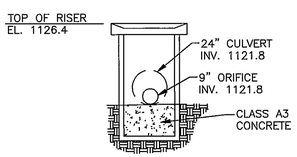


LEGEND

100 YEAR STORM EVENT
25 YEAR STORM EVENT
10 YEAR STORM EVENT

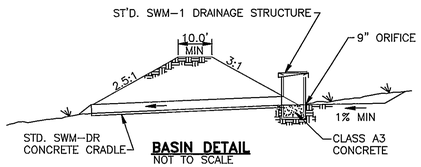
STORMWATER MANAGEMENT BASIN SECTION A-A

SCALE: HORIZONTAL 1"=20'
VERTICAL 1"=5'



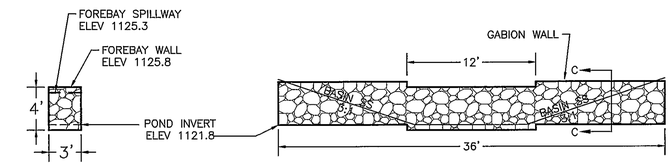
ST'D. SWM-1 DETAIL

NOT TO SCALE
SEE VDOT ST'D. SWM-1 FOR MORE DETAILS



BASIN DETAIL

NOT TO SCALE

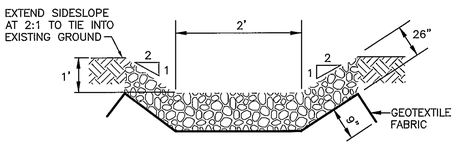


SECTION C-C

SECTION B-B

SEDIMENT FOREBAY

NOT TO SCALE



PROPOSED CHANNEL TYPICAL SECTION A

NO SCALE

GRAPHIC SCALE

VERTICAL 1"=5' — 5' 0 5' 10'
HORIZONTAL 1"=20' — 20' 10' 0 20' 40'

SEALS	CONSULTANT					
		OPPIDAN RETAIL CENTER OPPIDAN INVESTMENT COMPANY ROANOKE COUNTY, VIRGINIA	HSMM ARCHITECTS ENGINEERS PLANNERS HAYES, SEAY, MATTERN & MATTERN, INC. 1315 FRANKLIN ROAD ROANOKE, VA 24016 (540) 857-3100 WWW.HSMM.COM	REV / DATE / DESCRIPTION / APP	COMM NO: 30182C ISSUE DATE: JUNE 27, 2007 DESIGNED BY: ALM DRAWN BY: MGS CHECKED BY: RMF SUBMITTED BY: JSH © HAYES, SEAY, MATTERN & MATTERN, INC., 2006. ALL RIGHTS RESERVED.	CIVIL STORMWATER MANAGEMENT PLAN AND DETAILS	109

M:\30000SERIES\30182C\CADD\DWG\GT2CTN_0109.DWG 30182C 06/25/2007 17:26:38 SCHAEFFER, MATT
RF gt2ctnxsp02,gt2vsexsp02,!!gt2cgnxsp02!!,!!gt2cgnxsp01!!,!!gonderway-oeplighting!!,gt2g_nxbdr IMG NONE