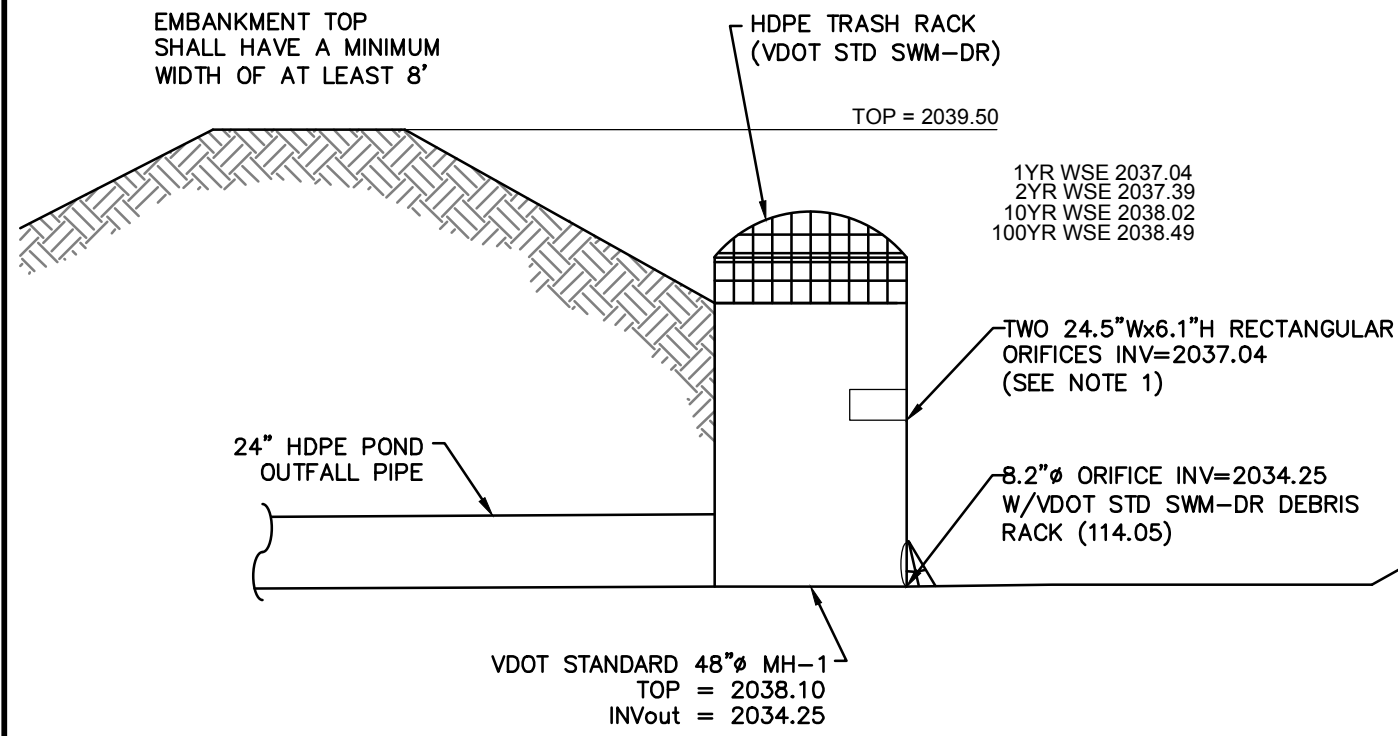
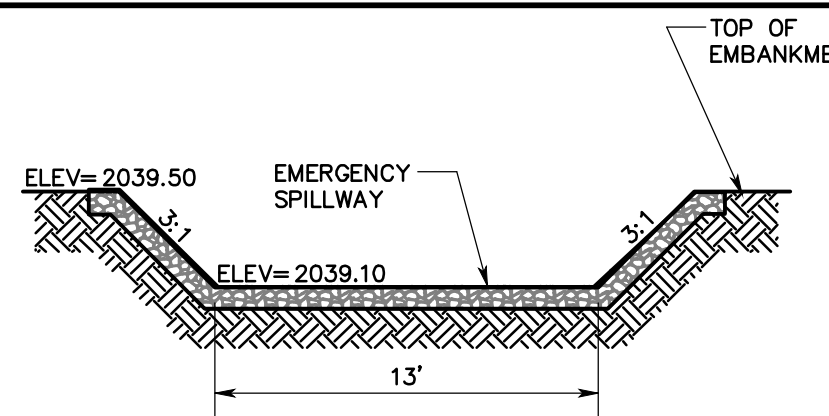


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C3-01 Grading Plan 04/17/2024 1:47:48 PM 2more AutoCAD PDF (General Documentation).pc3 1:1

NOTE:
1. THE TWO RECTANGULAR ORIFICES SHALL BE SEPARATED BY AT LEAST 90 DEGREES RADIALLY.

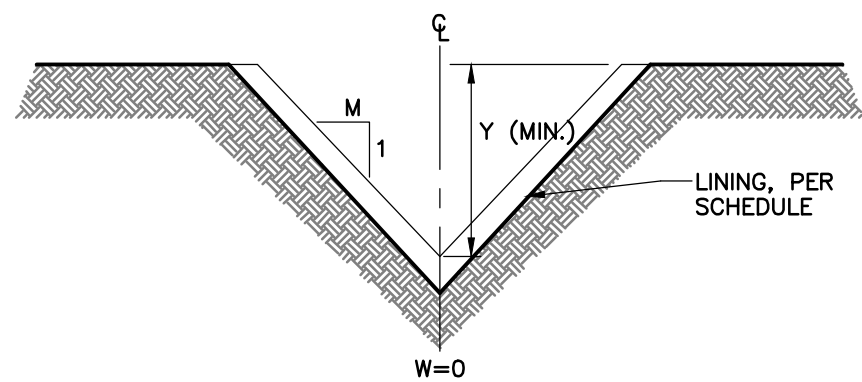


POND OUTLET STRUCTURE DETAIL



- NOTES:
1. CHANNEL SECTION SHOWN SHALL BE PLACED ACROSS TOP AND DOWN OUTSIDE FACE OF EMBANKMENT.
 2. GRASS LINED.

EMERGENCY SPILLWAY



TRIANGULAR DITCH SECTION

SCHEDULE

DITCH DESIGNATION	W	M	Y	LINING
HARLESS	0"	3	1'	EC-3 TYPE 2
DEPOT	0"	3	9"	EC-3 TYPE 2

DRAINAGE DITCH

- NOTES:
1. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE PIPE AND THE OUTLET PROTECTION WITH THE TOWN TO AVOID (OR MINIMIZE) DISTURBANCE OF THE STREAM RESTORATION ALREADY PERFORMED. THE TOWN HAS VOLUNTEERS WORKING IN THIS AREA TO REMOVE NON-NATIVE PLANTS. THE CONTRACTOR SHALL NOTIFY THE TOWN PRIOR TO WORKING IN THIS AREA, AND PROVIDE CONSTRUCTION TIMELINES FOR COORDINATION WITH THE VOLUNTEERS.

CULVERT C
18" HDPE
INVin = 2050.24
INVout = 2048.43
PERMANENT OUTLET PROTECTION
SHALL BE VDOT STD EC-1 CLASS
A1 DRY RIPRAP (4"x4" PER DETAIL
ON SHEET C5-05)

SAW CUT, REMOVE, AND REPLACE PAVEMENT PER TB-2 DETAIL TO INSTALL STORM PIPE AND STRUCTURES PER DETAIL. REFER TO SHEET C6-01 FOR TRAFFIC MANAGEMENT PLAN.

PROTECT THE BOTTOM OF THE DETENTION FACILITY UP TO THE 2036 CONTOUR WITH VDOT STD EC-3 TYPE 2 MATTING

CULVERT B
18" HDPE
INVin = 2048.01
INVout = 2045.00
PERMANENT OUTLET PROTECTION SHALL BE VDOT STD EC-1 CLASS A1 DRY RIPRAP (4"x4" PER DETAIL ON SHEET C5-05)

CULVERT A
18" HDPE
INVin = 2061.75
INVout = 2059.28
PERMANENT OUTLET PROTECTION SHALL BE VDOT STD EC-1 CLASS A1 DRY RIPRAP (4"x4" PER DETAIL ON SHEET C5-05)

Detention Facility Maintenance Schedule

Task	Frequency	Inspection Date and Notes	Maintenance Notes	Maintenance Date and Notes
Mowing	Regularly with normal mowing schedule during the growing season		Frequency should be determined to deter woody growth but to maintain healthy vegetation	
Fertilization	1 time initially		One time spot fertilization for "first year" vegetation.	
Miscellaneous upkeep	Initially, after several storm events. If initial inspections indicate that the site is stabilized, 2 times / year.		Check for signs of erosion and stabilize problem areas. Check for trash or debris accumulation and remove as necessary.	
Riser and Orifice	Once per year		Inspected for stability/integrity/clogging	

Michael Kelley

APPROVED: Engineering

Andrew Warren

APPROVED: Planning

08/01/2024

10:54:30 AM

Date

08/01/2024

10:57:44 AM

Date



CONTOUR INTERVAL = 2 FT.

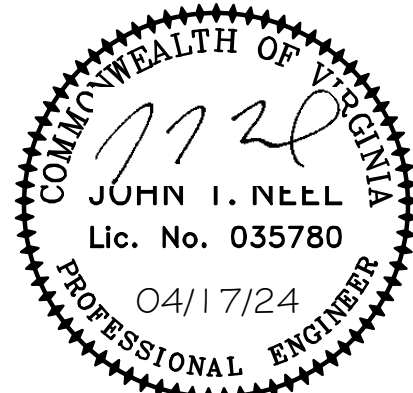
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CAMPBELL TOWN GREEN



REVISIONS

NO.	COMMENTS	DATE

PROJECT TEAM

PIC	JOHN T. NEEL, PE
PM	JOHN T. NEEL, PE
DESIGN	ZJM

ISSUE DATE

04/03/2024

FDS JOB NO.

3153

SHEET TITLE

GRADING AND STORM PLAN

SHEET NUMBER

C3-01