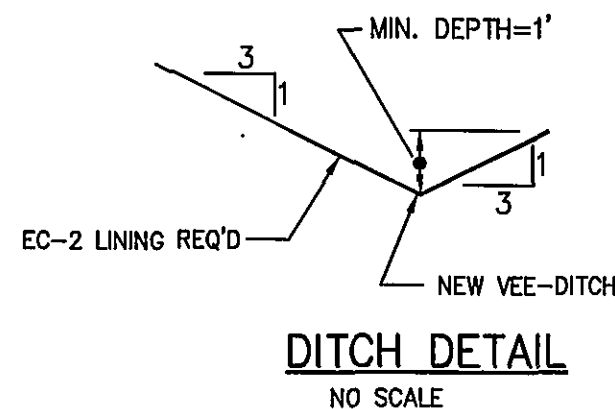
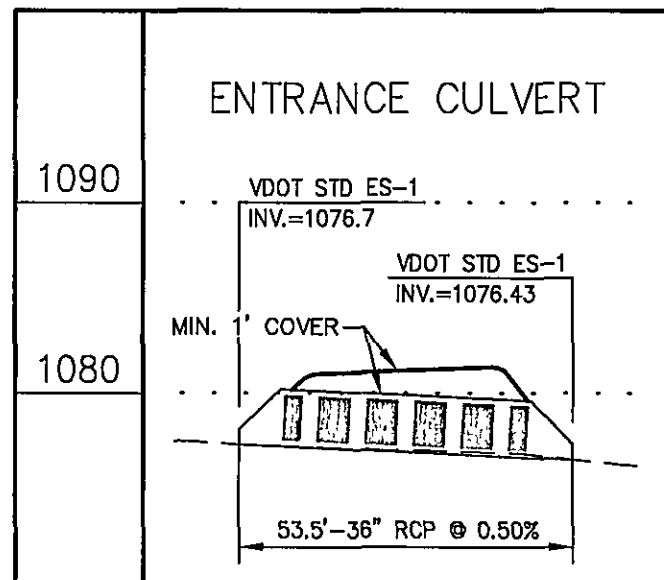


CONSTRUCTION SEQUENCING NOTES:

1. FOR EROSION CONTROL PURPOSES, PARKING LOT EXPANSION AND WATERLINE EXTENSION TO BE TREATED AS TWO DIFFERENT PROJECTS.
2. CONSTRUCTION ENTRANCE TO BE INSTALLED AS FIRST STEP.
3. SILT FENCE TO BE INSTALLED AROUND THE LIMITS OF CONSTRUCTION AND SEDIMENT TRAP TO BE INSTALLED. STORMWATER MANAGEMENT OUTLET STRUCTURE TO BE PLUGGED.
4. CULVERT TO BE INSTALLED WITH ADEQUATE CULVERT INLET PROTECTION AND OUTLET PROTECTION. INLET PROTECTION TO REMAIN UNTIL ALL AREAS UPSTREAM OF CULVERT HAVE BEEN PERMANENTLY STABILIZED.
5. TEMPORARY SEEDING MUST BE PROVIDED FOR ALL DISTURBED AREAS THAT WILL REMAIN DORMANT FOR MORE THAN 30 DAYS. PERMANENT SEEDING, MULCHING, AND BLANKET MATTING TO BE PROVIDED FOR ALL APPLICABLE AREAS AS SOON AS POSSIBLE AFTER FINAL GRADE IS ACHIEVED.
6. WHEN ALL AREAS UPSTREAM OF SEDIMENT TRAP #2 HAVE BEEN STABILIZED, SEDIMENT TO BE REMOVED FROM THE SEDIMENT TRAP AND TRAP MAY BE CONVERTED TO SWM FACILITY. COUNTY SITE INSPECTION REQUIRED PRIOR TO CONVERSION.
7. WHEN THE ENTIRE SITE IS STABILIZED, SILT FENCE CAN BE REMOVED.
8. SILT FENCE TO BE INSTALLED BELOW TRENCH LOCATION AS REQUIRED TO PREVENT SEDIMENT FROM ACCUMULATING OUTSIDE OF EASEMENT.
9. WATERLINE TO BE CONSTRUCTED AS LINEAR CONSTRUCTION PROJECT IN ACCORDANCE WITH MINIMUM STANDARD 16. TRENCH TO BE FILLED IN, SEEDED AND STABILIZED AS SOON AS POSSIBLE AFTER WATERLINE INSTALLATION.

*NOTE: ROANOKE COUNTY INSPECTION AND APPROVAL IS REQUIRED PRIOR TO THE REMOVAL OF EROSION AND SEDIMENT CONTROL MEASURES.

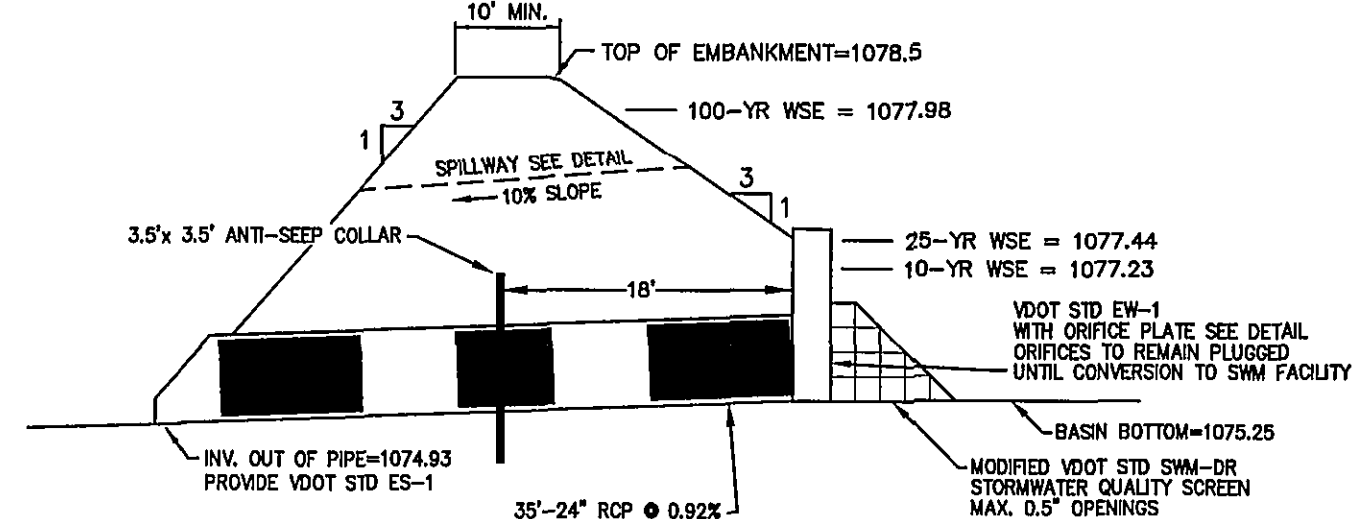
3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.05	SILT FENCE	SF
3.13	TEMPORARY SEDIMENT TRAP	ST
3.18	OUTLET PROTECTION	OP
3.31	TEMPORARY SEEDING	TS
3.32	PERMANENT SEEDING	PS
3.35	MULCHING	MU



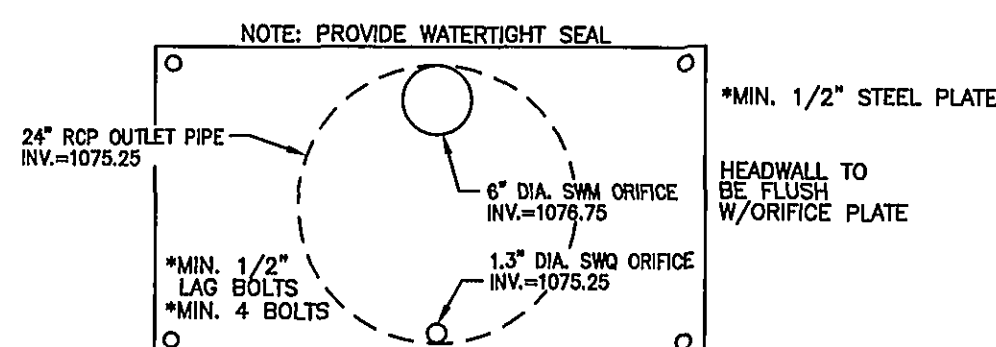
HORZ. SCALE: 1"=30'
VERT. SCALE: 1"=10'

SWM BASIN CONSTRUCTION NOTES:

1. A MINIMUM OF 12" LAYER OF CLAY MATERIAL TO BE PROVIDED ALONG BOTTOM OF THE SWM BASIN. A MINIMUM OF 6" OF COMPACTED TOPSOIL TO BE PLACED OVER CLAY MATERIAL TO REACH FINAL GRADE.
2. 95% COMPACTION REQUIRED FOR ALL MATERIAL USED FOR CONSTRUCTION OF THE BASIN.
3. REINFORCED CONCRETE OUTLET PIPE SHALL HAVE RUBBER GASKET WATER-TIGHT JOINTS.

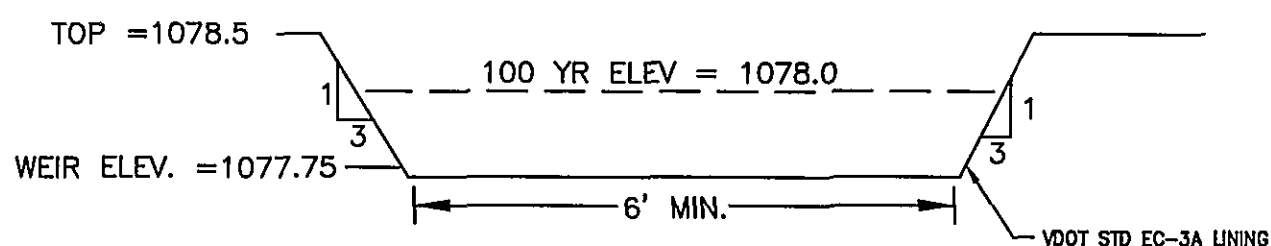


SWM AREA DETAIL



SWM ORIFICE PLATE DETAIL

N.T.S.



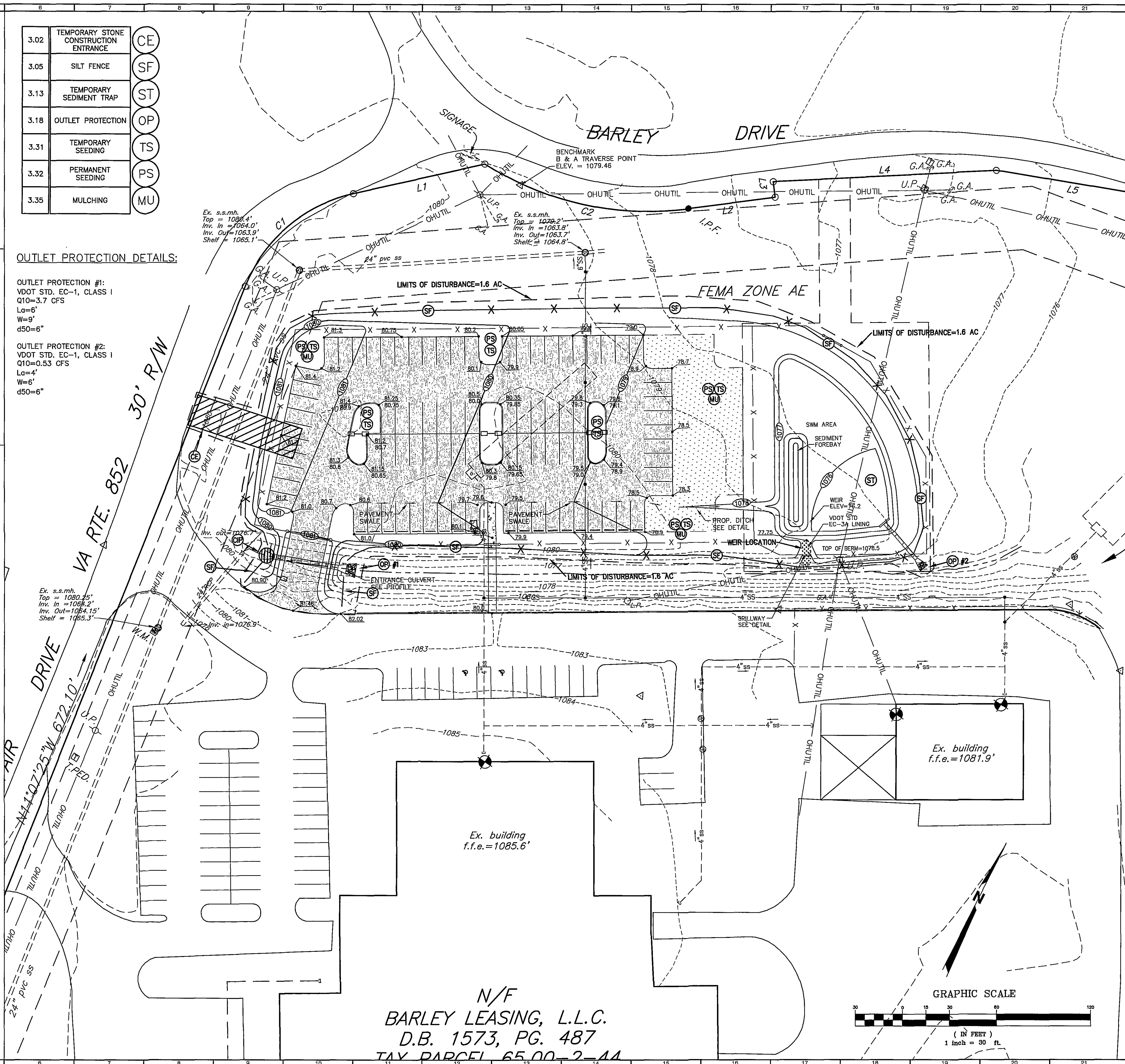
EMERGENCY SPILLWAY DETAIL

OUTLET PROTECTION DETAILS:

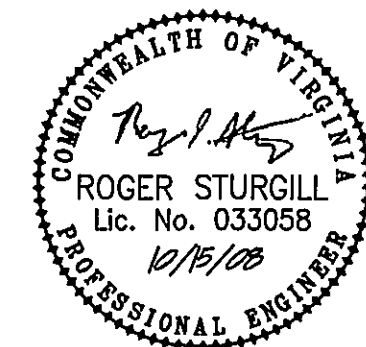
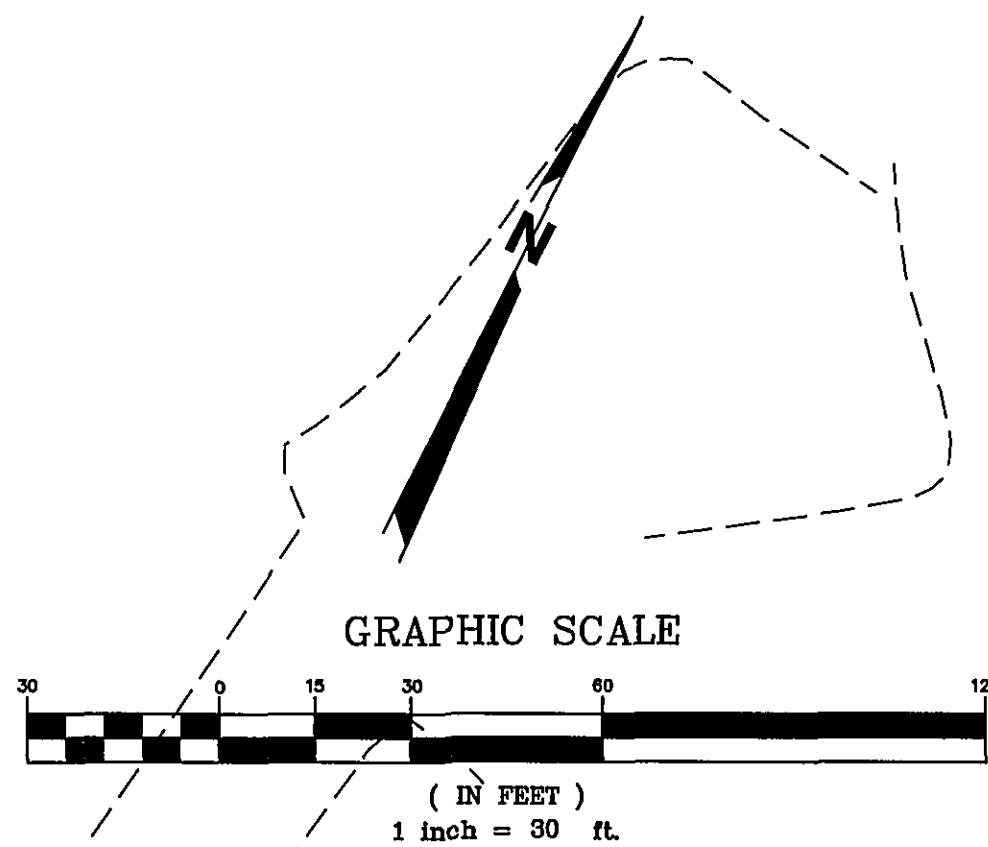
OUTLET PROTECTION #1:
VDOT STD. EC-1, CLASS I
Q10=3.7 CFS
Ld=6'
W=9'
d50=6"

OUTLET PROTECTION #2:
VDOT STD. EC-1, CLASS I
Q10=0.53 CFS
Ld=4'
W=6'
d50=6"

VA RTE. 852
VA RTE. 672
AIR DRIVE
W.M.
TILLOH
24" PVC SS
44'x10'x25" W 672 10' PED.
30' R/W



N/F
BARLEY LEASING, L.L.C.
D.B. 1573, PG. 487
TAX PARCEL 65.00-2-44



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FAX: 540/540-3221

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Suite 401
Verona, Virginia 24482
Phone: 540/540-3250
FAX: 540/540-3221

BLUE RIDGE BEVERAGE

GRADING & ESC PLAN

ROANOKE COUNTY, VIRGINIA

DRAWN BY: CPB
DESIGNED BY: CPB
CHECKED BY: SMH
DATE: 7-2-08

REVISIONS:
8-13-08
9-10-08

SCALE: 1"=30'
SHEET NO.

C-4

JOB NO.
R0800130.00