

PRE-CONSTRUCTION MEETING AND CONSTRUCTION COMMENCEMENT:

- VIRGINIA DEPARTMENT OF TRANSPORTATION:

- See Sheet ____ for Stormwater Site Statistics Table.
See Sheet ____ for New BMP Information Table.

N/A

The notes on this sheet shall not be modified.

WATER AND SEWER NOTES

- Western Virginia Water Authority
Availability letter number: N/A

PR #:

NOTES:

Revision Table

Sheet Index

- ## SURVEY INFORMATION

The professional seal and signature certifies the boundary survey and topographic mapping to be accurate and correct.

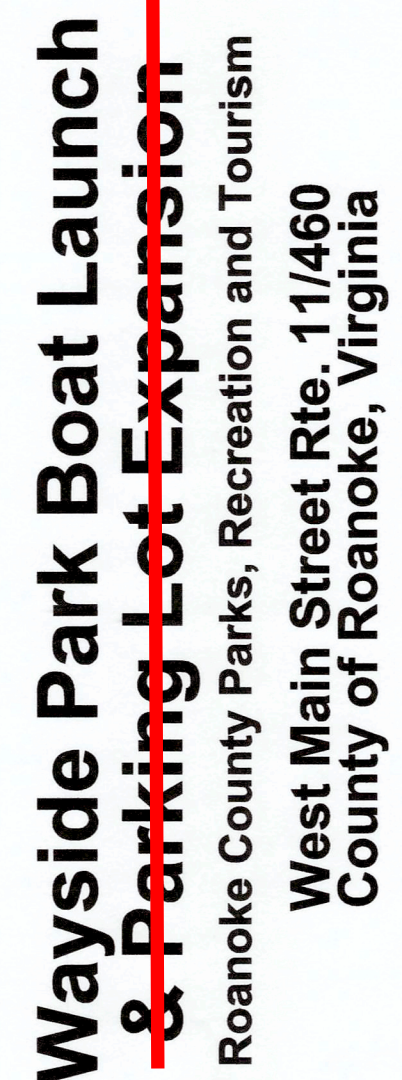
	LF
	SF
E	LF
LL EW-	EA
	EA
CG-	LF
	LF
	EA
	SY

BY SEALING THE PLANS, THE DESIGN PROFESSIONAL HEREBY CERTIFIES THAT THE FOREGOING ESTIMATE REFLECTS THE CURRENT IMPROVEMENT COSTS OF THIS PROJECT.

PREPARED BY
ROANOKE COUNTY
DEPARTMENT OF
DEVELOPMENT SERVICES

5204 Bernard Drive
P.O. Box 29800
Roanoke, Virginia 24018
Office: (540) 772-2083
Fax: (540) 776-7155
E-MAIL: dhenderson@roa

Fax: (303) 770-7133
E-MAIL: dhenderson@roanokecountyva.gov



SHEET

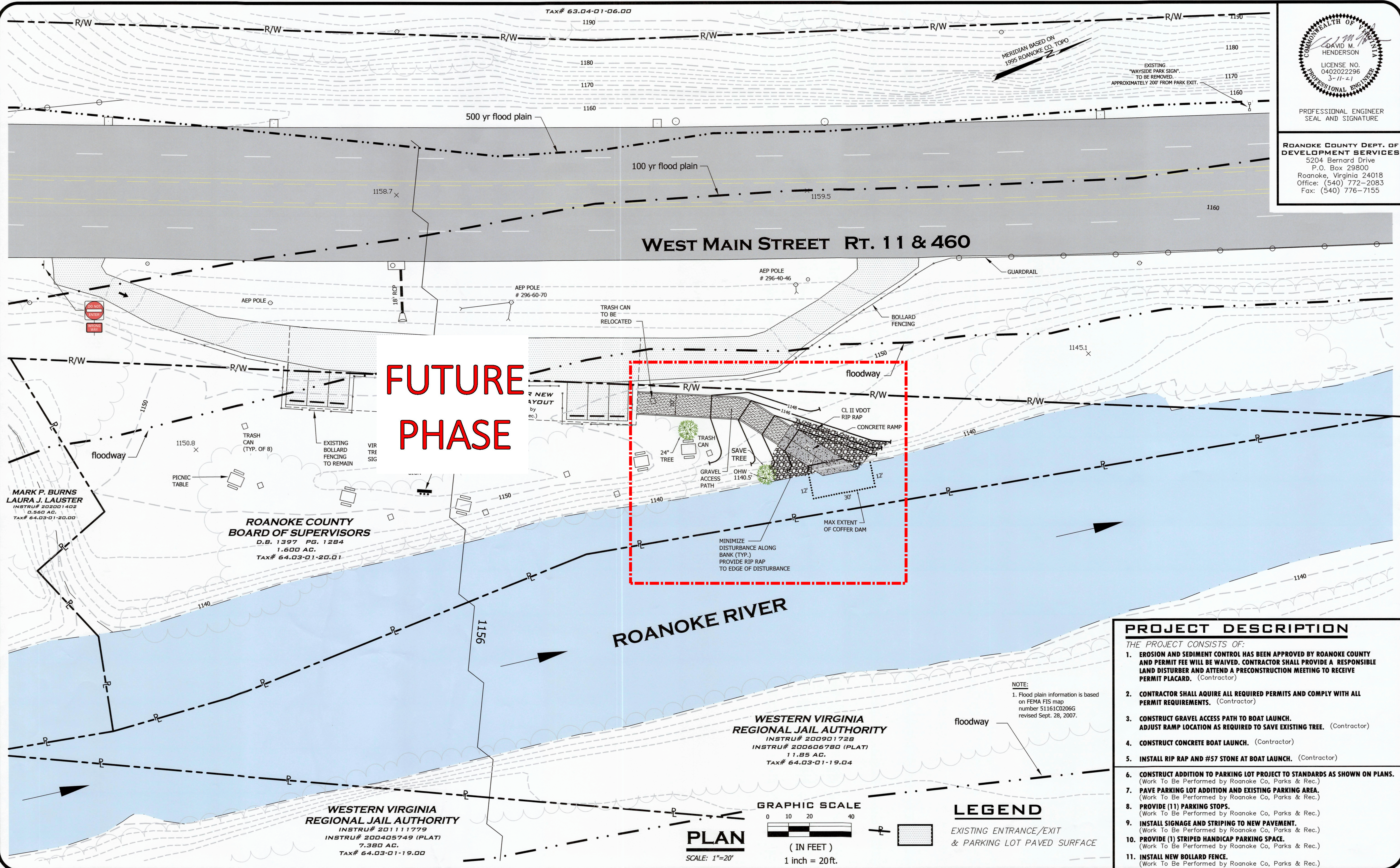
1
OF
6



1st Review

Date Stamp

Approval Stamp



COMMONWEALTH OF VIRGINIA
DAVID M. HENDERSON
LICENSE NO. 0402022296
3-11-21
PROFESSIONAL ENGINEER
SEAL AND SIGNATURE

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PROJECT DESCRIPTION

- THE PROJECT CONSISTS OF:
1. EROSION AND SEDIMENT CONTROL HAS BEEN APPROVED BY ROANOKE COUNTY AND PERMIT FEE WILL BE WAIVED. CONTRACTOR SHALL PROVIDE A RESPONSIBLE LAND DISTURBER AND ATTEND A PRECONSTRUCTION MEETING TO RECEIVE PERMIT PLACARD. (Contractor)
 2. CONTRACTOR SHALL ACQUIRE ALL REQUIRED PERMITS AND COMPLY WITH ALL PERMIT REQUIREMENTS. (Contractor)
 3. CONSTRUCT GRAVEL ACCESS PATH TO BOAT LAUNCH. ADJUST RAMP LOCATION AS REQUIRED TO SAVE EXISTING TREE. (Contractor)
 4. CONSTRUCT CONCRETE BOAT LAUNCH. (Contractor)
 5. INSTALL RIP RAP AND #57 STONE AT BOAT LAUNCH. (Contractor)
 6. CONSTRUCT ADDITION TO PARKING LOT PROJECT TO STANDARDS AS SHOWN ON PLANS. (Work To Be Performed by Roanoke Co, Parks & Rec.)
 7. PAVE PARKING LOT ADDITION AND EXISTING PARKING AREA. (Work To Be Performed by Roanoke Co, Parks & Rec.)
 8. PROVIDE (11) PARKING STOPS. (Work To Be Performed by Roanoke Co, Parks & Rec.)
 9. INSTALL SIGNAGE AND STRIPING TO NEW PAVEMENT. (Work To Be Performed by Roanoke Co, Parks & Rec.)
 10. PROVIDE (1) STRIPED HANDICAP PARKING SPACE. (Work To Be Performed by Roanoke Co, Parks & Rec.)
 11. INSTALL NEW BOLLARD FENCE. (Work To Be Performed by Roanoke Co, Parks & Rec.)

NOTE:
1. Flood plain information is based on FEMA FIS map number 51161C0206G revised Sept. 28, 2007.

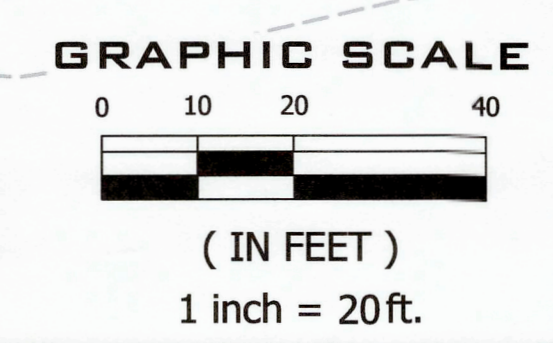
WESTERN VIRGINIA
REGIONAL JAIL AUTHORITY
INSTRU# 200901728
INSTRU# 200606780 (PLAT)
11.85 AC.
TAX# 64.03-01-19.04

WESTERN VIRGINIA
REGIONAL JAIL AUTHORITY
INSTRU# 201111779
INSTRU# 200405749 (PLAT)
7.380 AC.
TAX# 64.03-01-19.00

ROANOKE COUNTY
BOARD OF SUPERVISORS
D.B. 1397 PG. 1284
1.600 AC.
TAX# 64.03-01-20.01

MARK P. BURNS
LAURA J. LAUSTER
INSTRU# 202001402
0.560 AC.
TAX# 64.03-01-20.00

PLAN
SCALE: 1"=20'



LEGEND

EXISTING ENTRANCE/EXIT
& PARKING LOT PAVED SURFACE

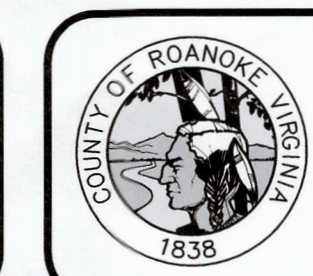


DEPARTMENT OF
DEVELOPMENT
SERVICES

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NO.	REVISIONS	DATE

WAYSIDE PARK BOAT LAUNCH & PARKING EXPANSION

DATE: 3/11/2021
SCALE: 1" = 20'
DRAWING BY: BWE
DESIGNED BY: DMH/BWE
APPROVED BY: DMH



SITE
PLAN

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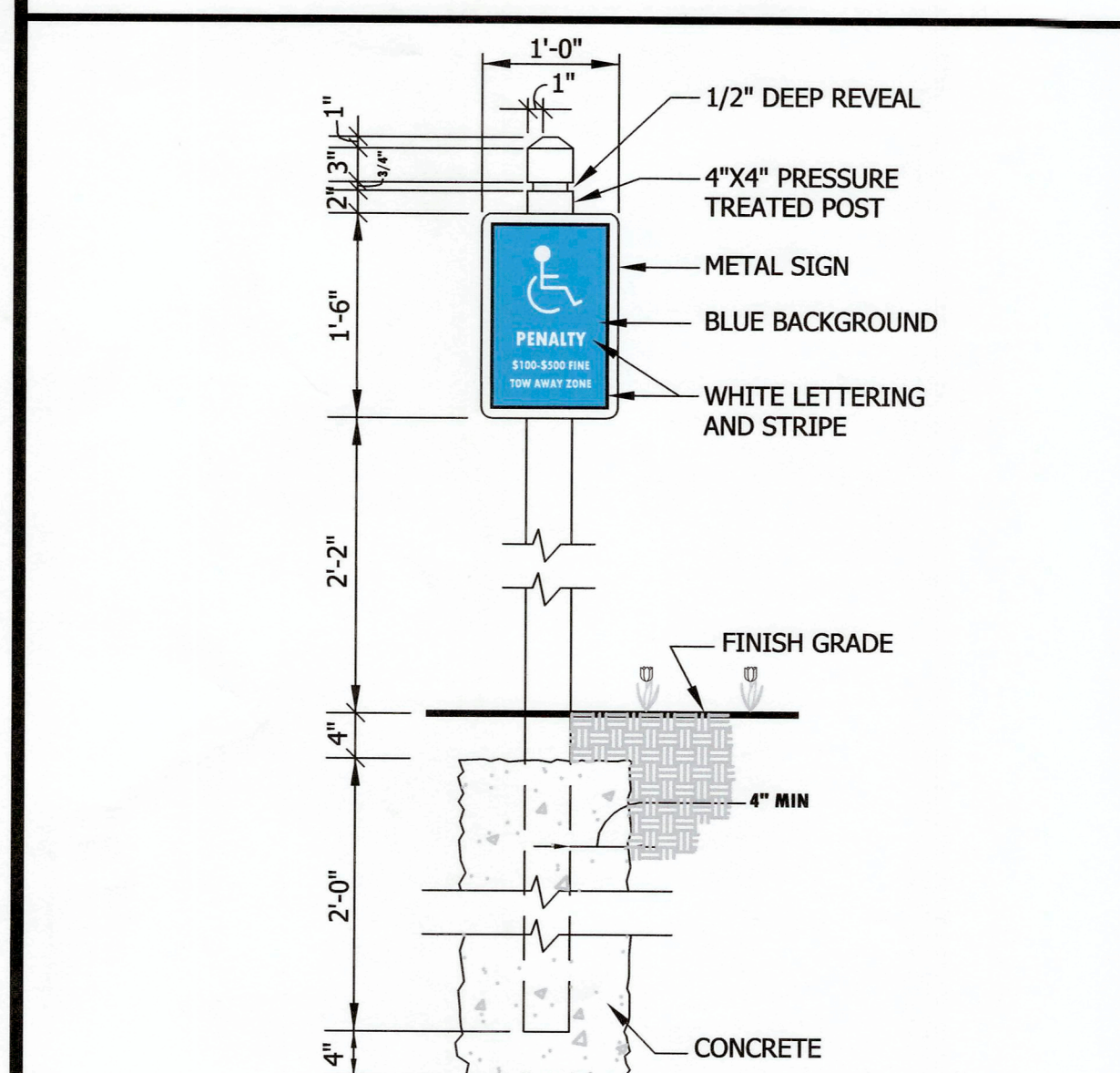
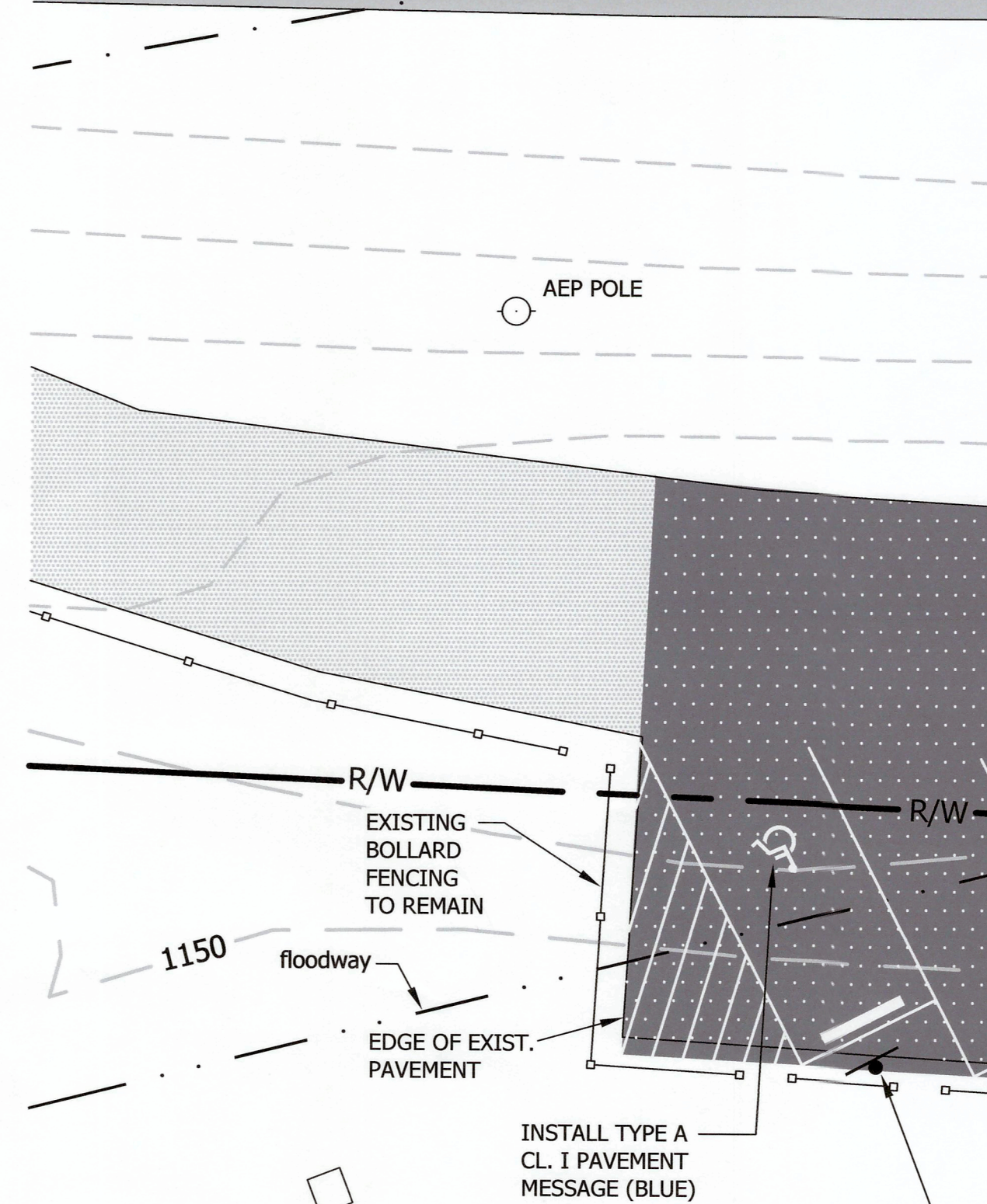


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PROFESSIONAL ENGINEER
SEAL AND SIGNATURE

WEST MAIN STREET RT. 11 & 460

FUTURE PHASE

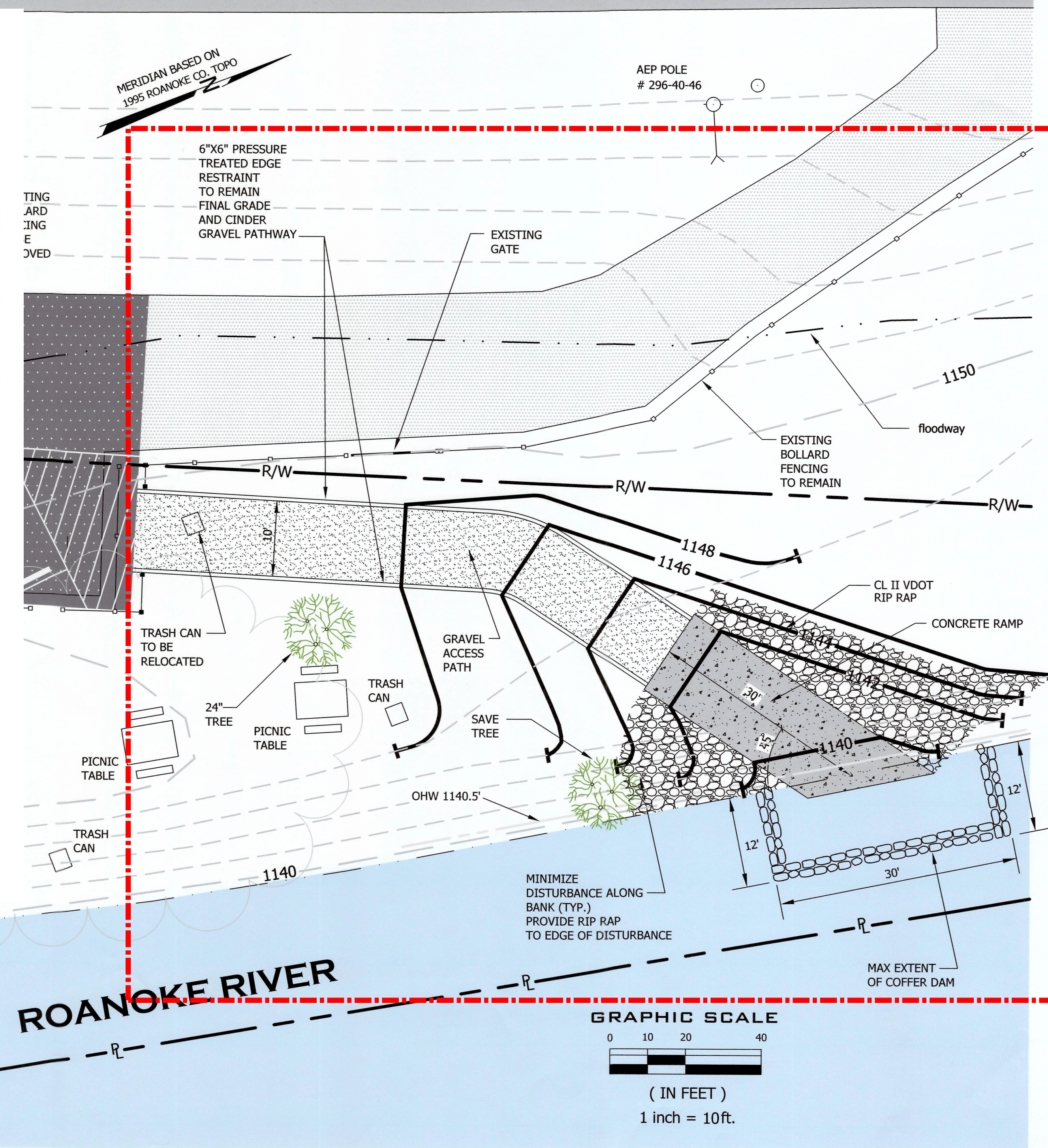


DETAIL: ACCESSIBLE PARKING SPACE SIGN
NOT TO SCALE

- LEGEND**
- EXISTING ENTRANCE & EXIT
PAVED SURFACE
 - EXISTING PARKING AREA TO
RECEIVE 1" SM-9.5A OVERLAY
 - PROPOSED PARKING EXPANSION
1" SM-9.5A ASPHALT w/ 8" 21-B
SUBBASE & FINAL OVERLAY OF
1" SM-9.4A

PLAN

SCALE: 1"=10'

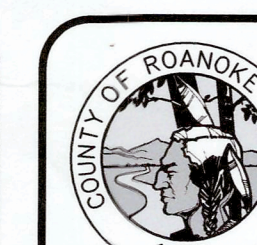


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NO.	REVISIONS	DATE

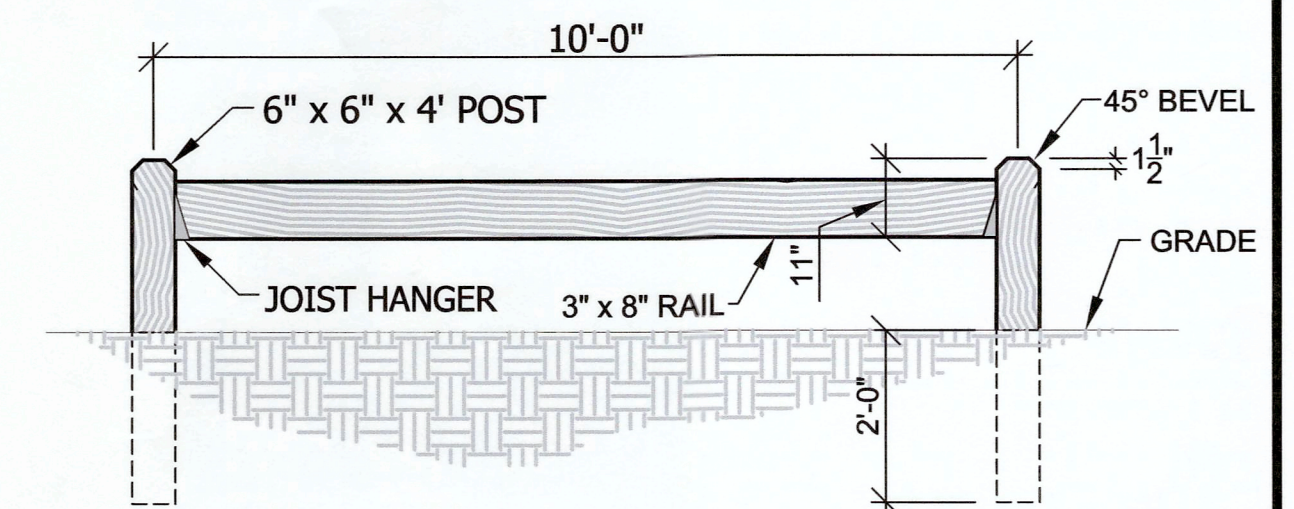
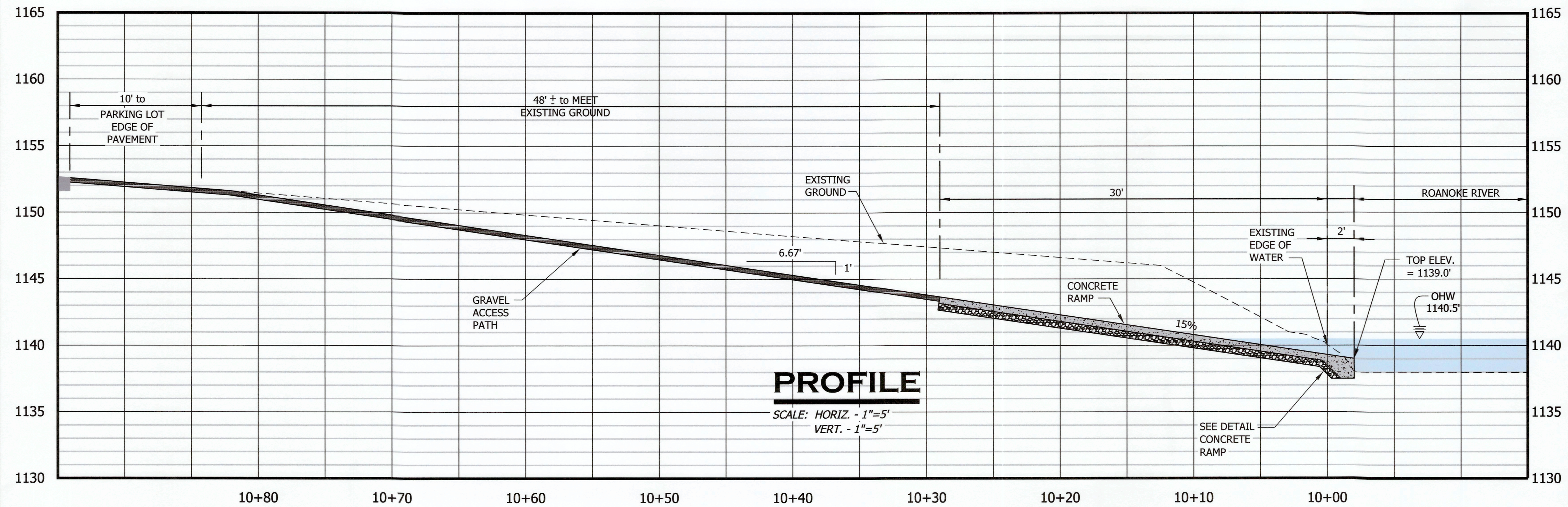
WAYSIDE PARK
BOAT LAUNCH & ~~PARKING EXPANSION~~

DATE: 3/11/2021
SCALE: 1" = 10'
DRAWING BY: BWE
DESIGNED BY: DMH/BWE
APPROVED BY: DMH

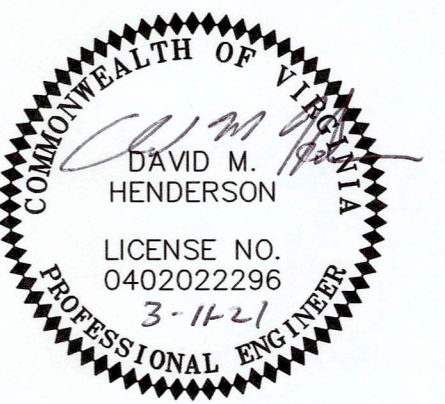


PARKING
LOT & BOAT
LAUNCH PLAN

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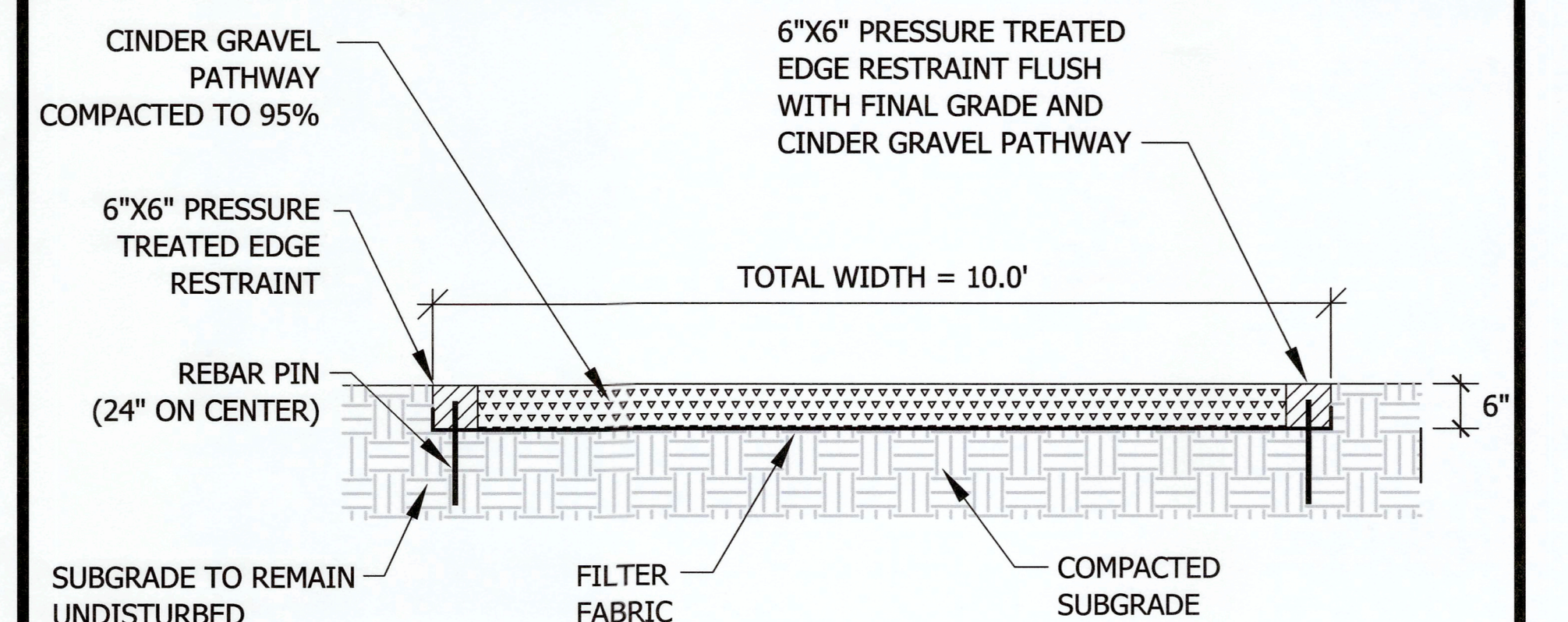


BARRIER FENCING
NOT TO SCALE (BY PARK STAFF)



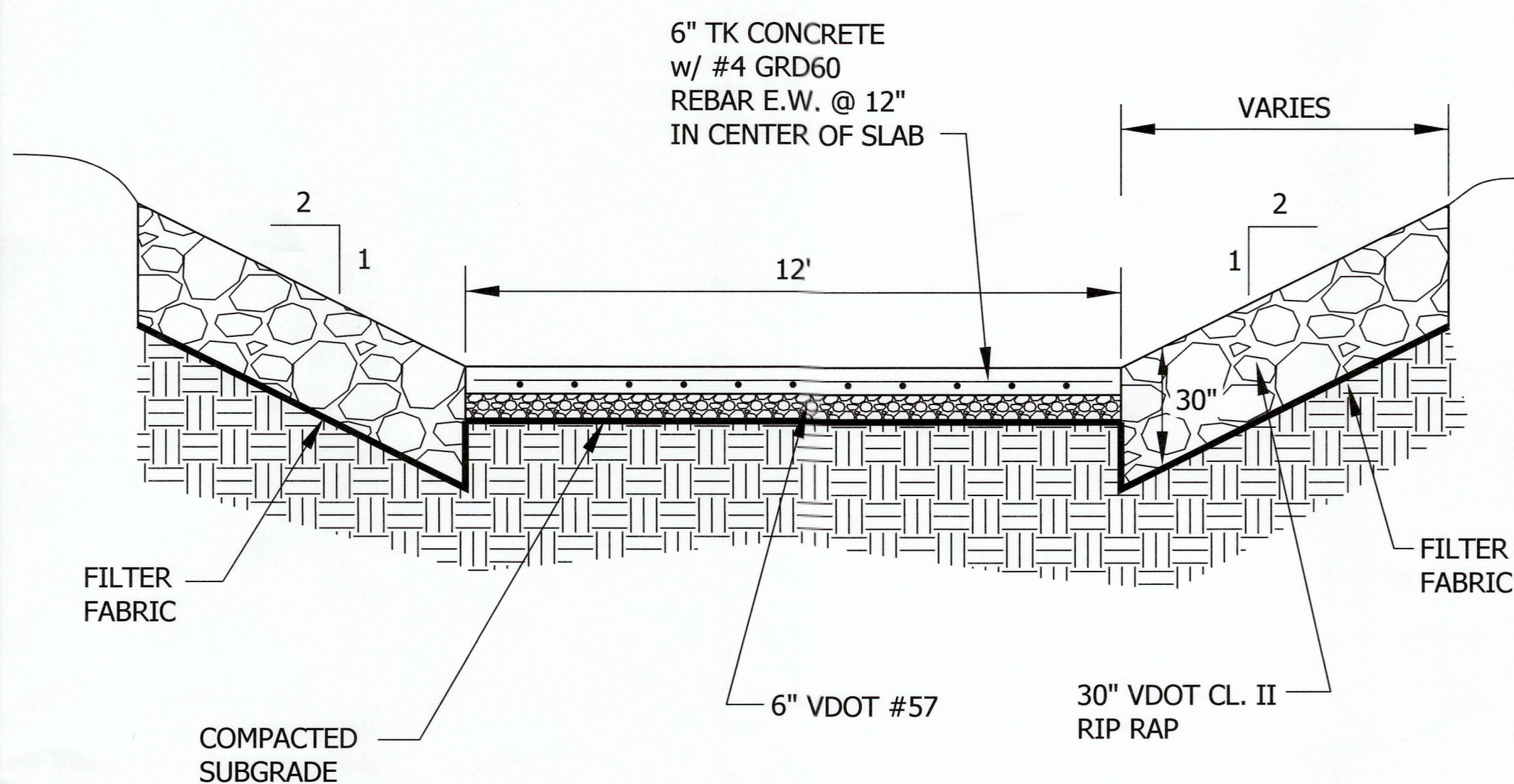
PROFESSIONAL ENGINEER
SEAL AND SIGNATURE

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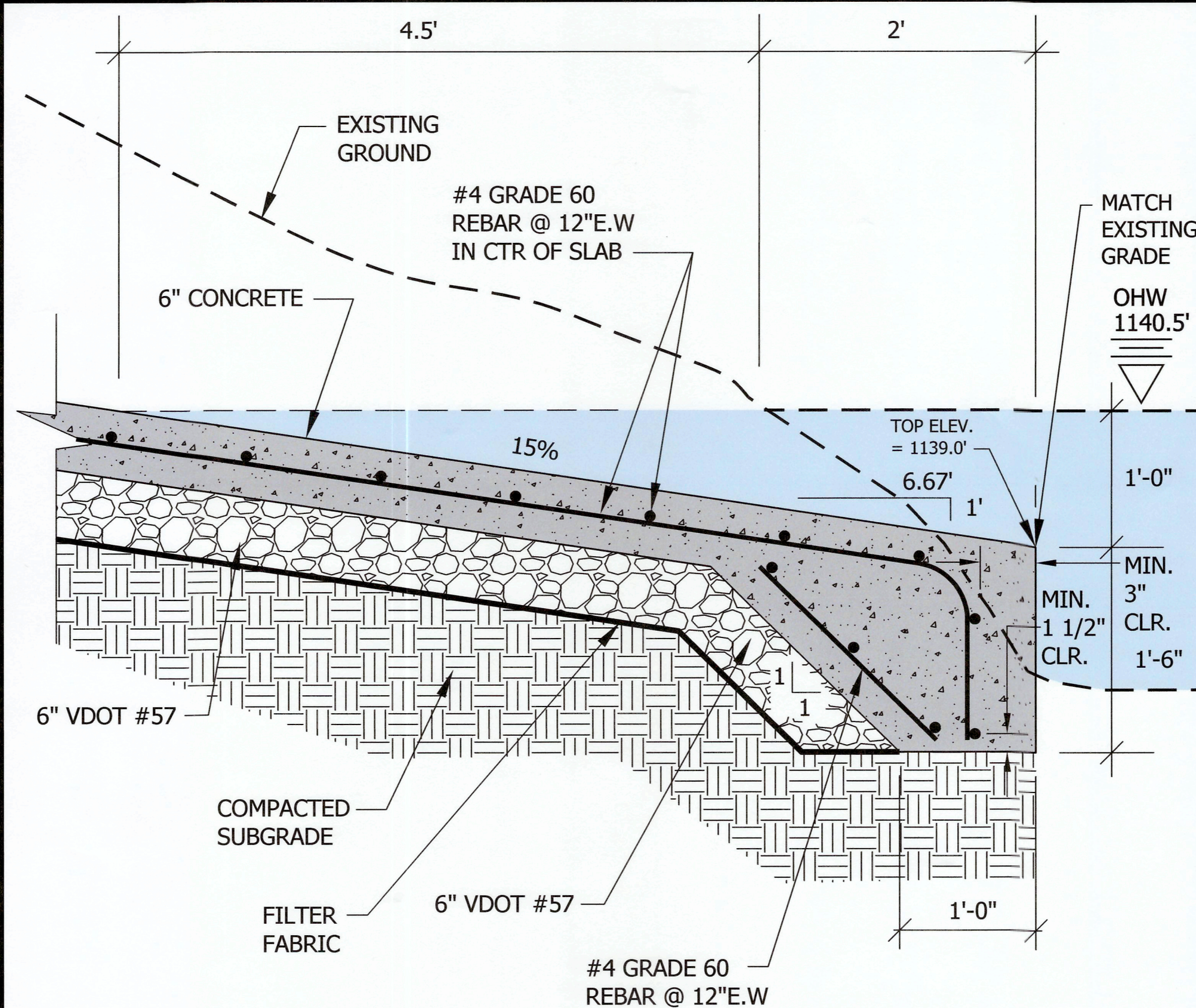
GRAVEL ACCESS PATH DETAIL

NOT TO SCALE



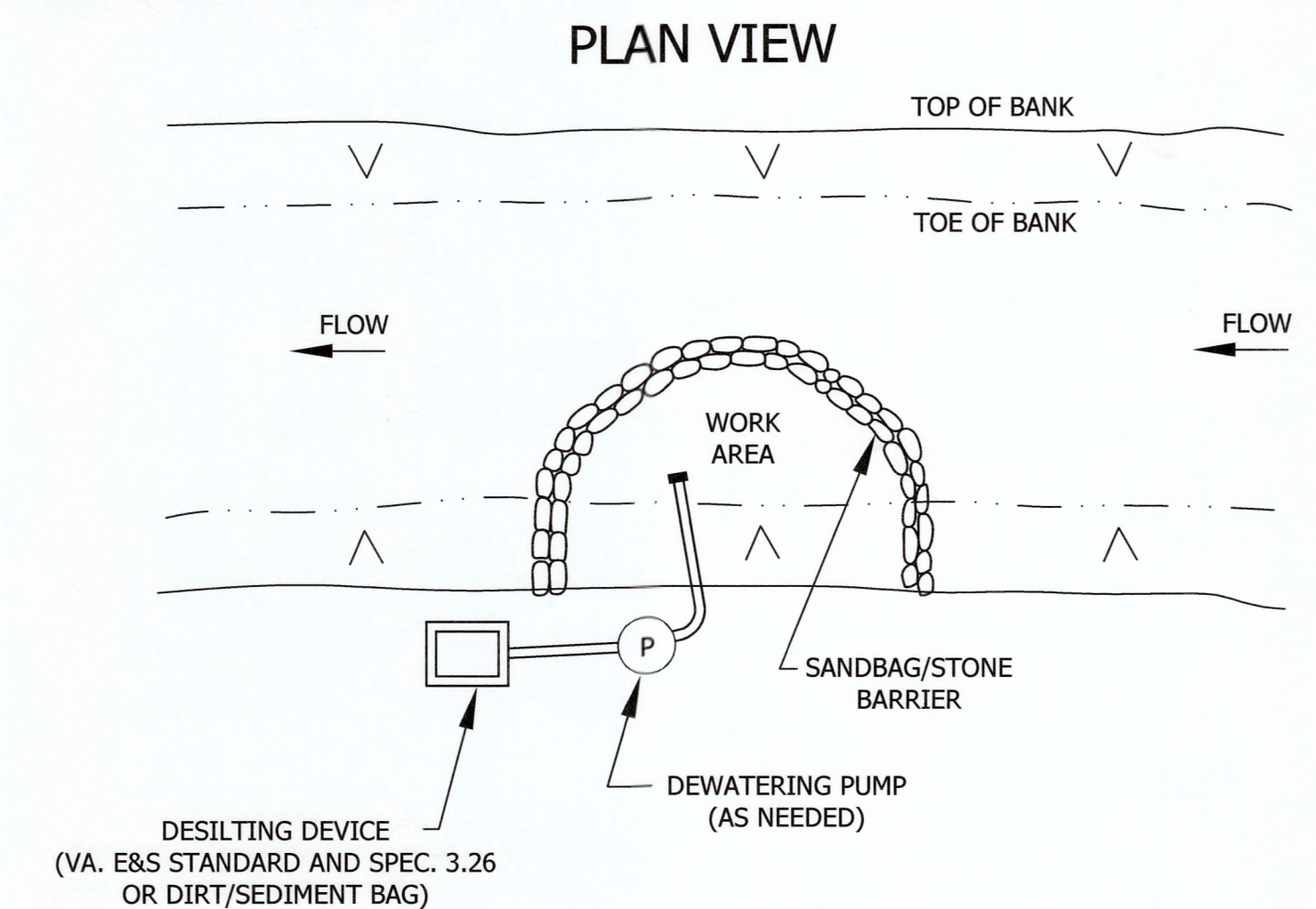
TYPICAL CONC. RAMP SECTION

NOT TO SCALE

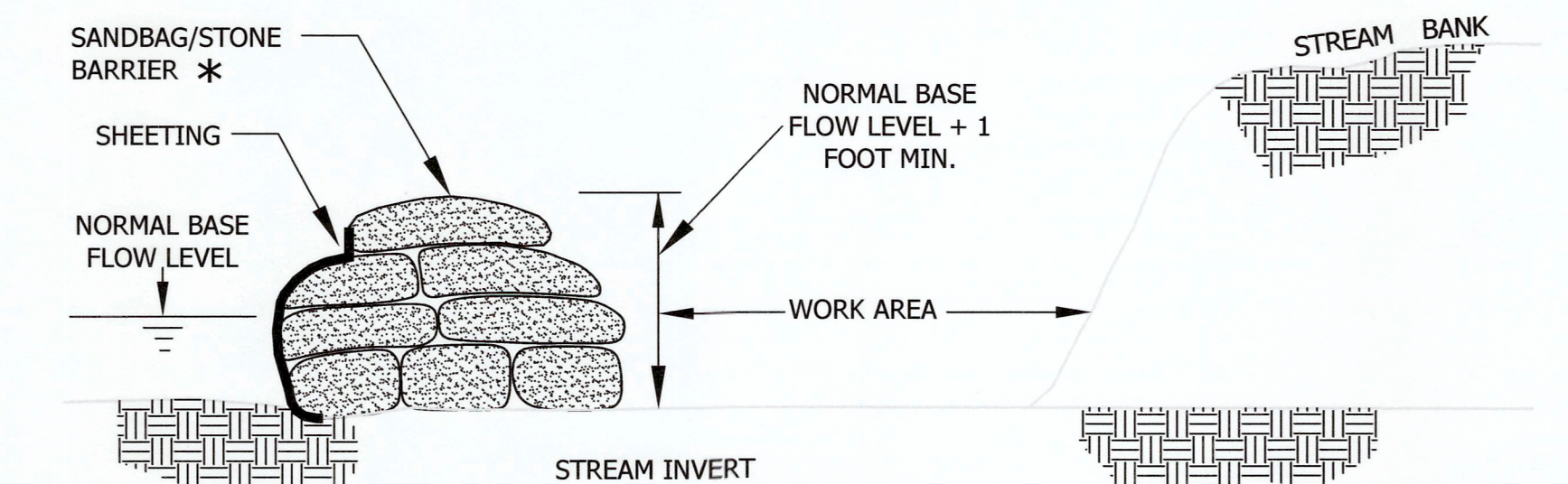


CONCRETE RAMP DETAIL

NOT TO SCALE



TRAVERSE SECTION VIEW



COFFER DAM (SANDBAG/STONE DIVERSION) *

NOT TO SCALE

* AN ALTERNATIVE MANUFACTURED SYSTEM MAY BE SUBSTITUTED
** TURBIDITY CURTAIN TO BE IN PLACE PRIOR TO INSTALLING OR REMOVING COFFER DAM.

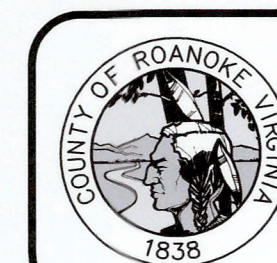


DEPARTMENT OF
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NO.	REVISIONS	DATE

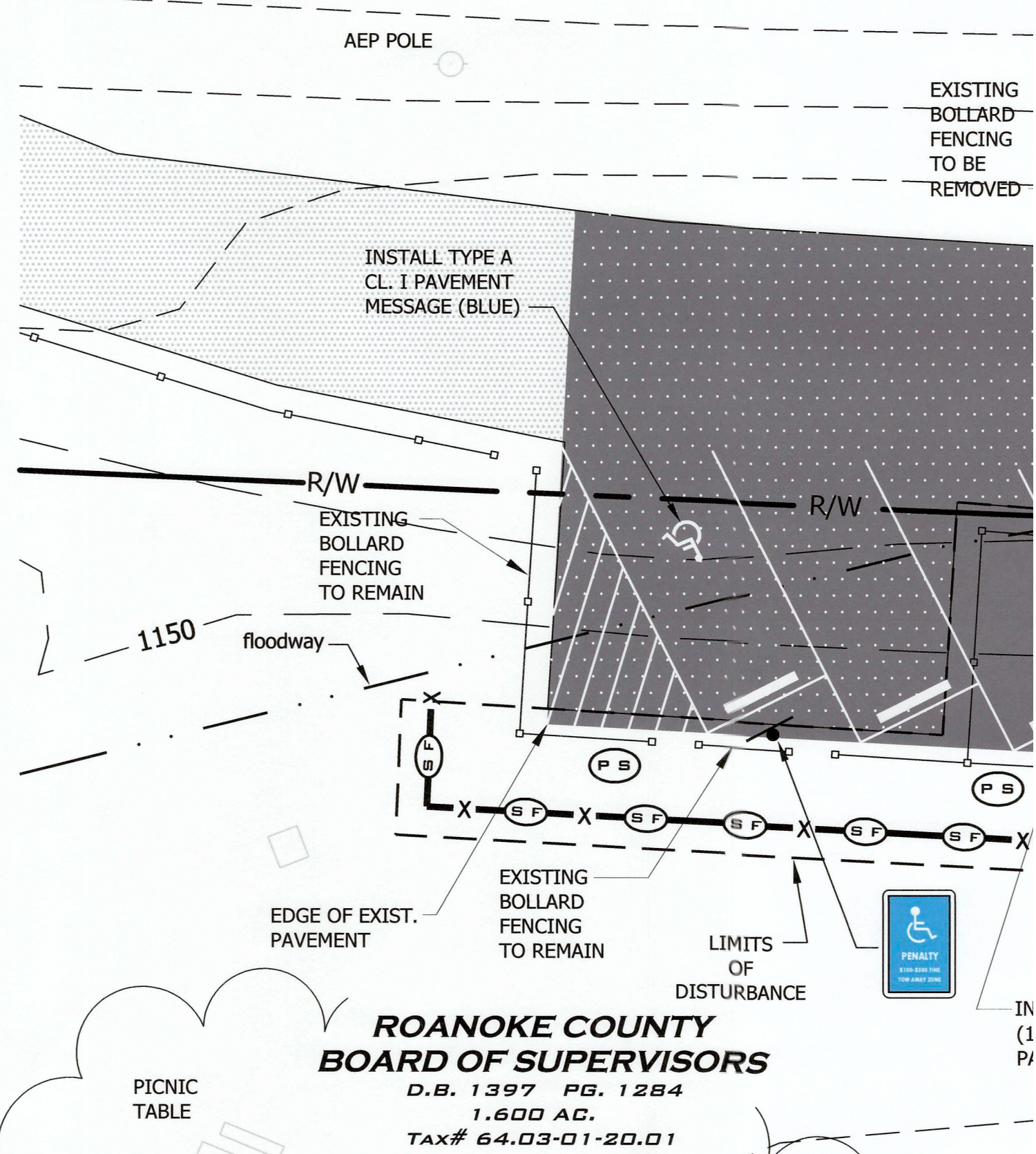
**WAYSIDE PARK
BOAT LAUNCH & PARKING EXPANSION**

DATE: 3/11/2021
SCALE: 1" = 10'
DRAWING BY: BWE
DESIGNED BY: DMH/BWE
APPROVED BY: DMH



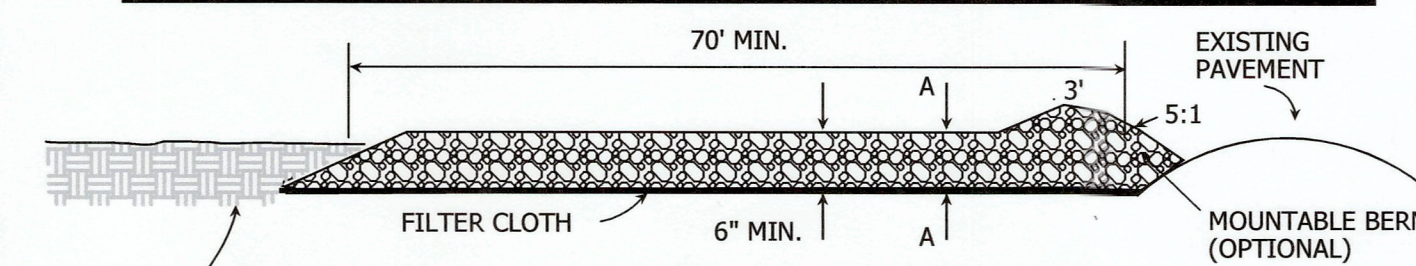
**LAUNCH RAMP
PROFILE
& DETAILS**

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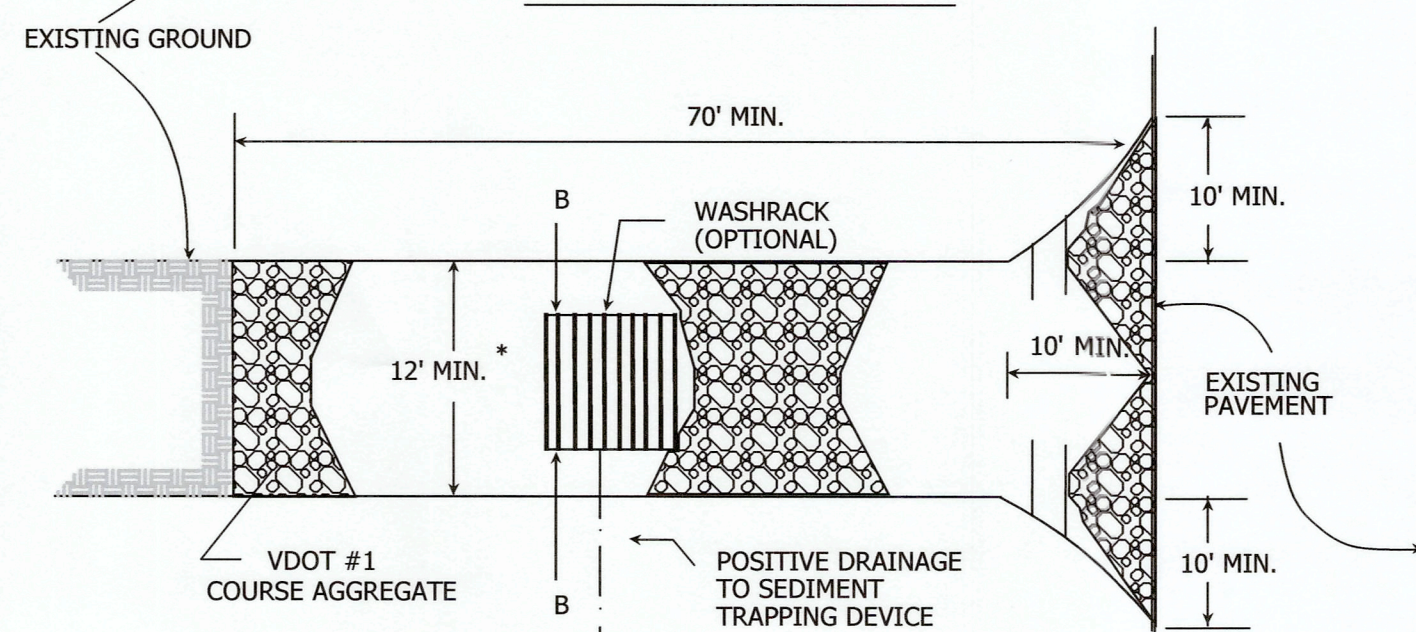


FUTURE PHASE

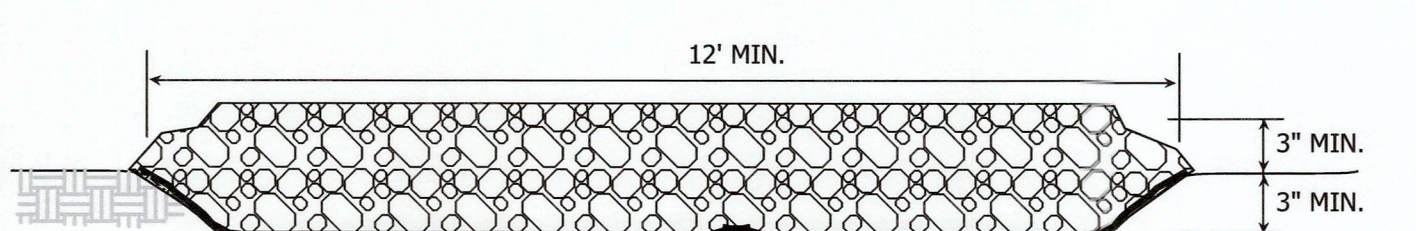
STONE CONSTRUCTION ENTRANCE



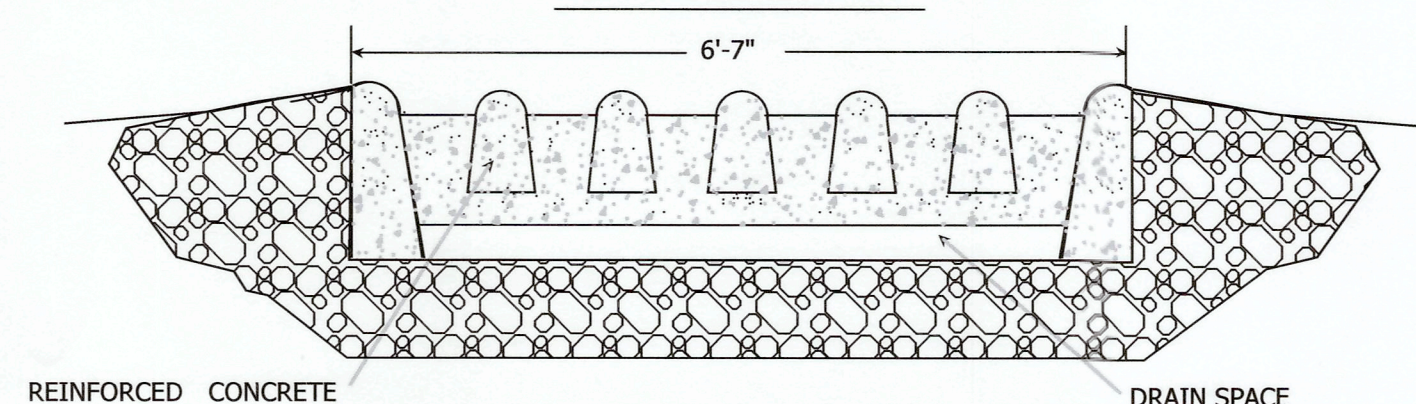
SIDE ELEVATION



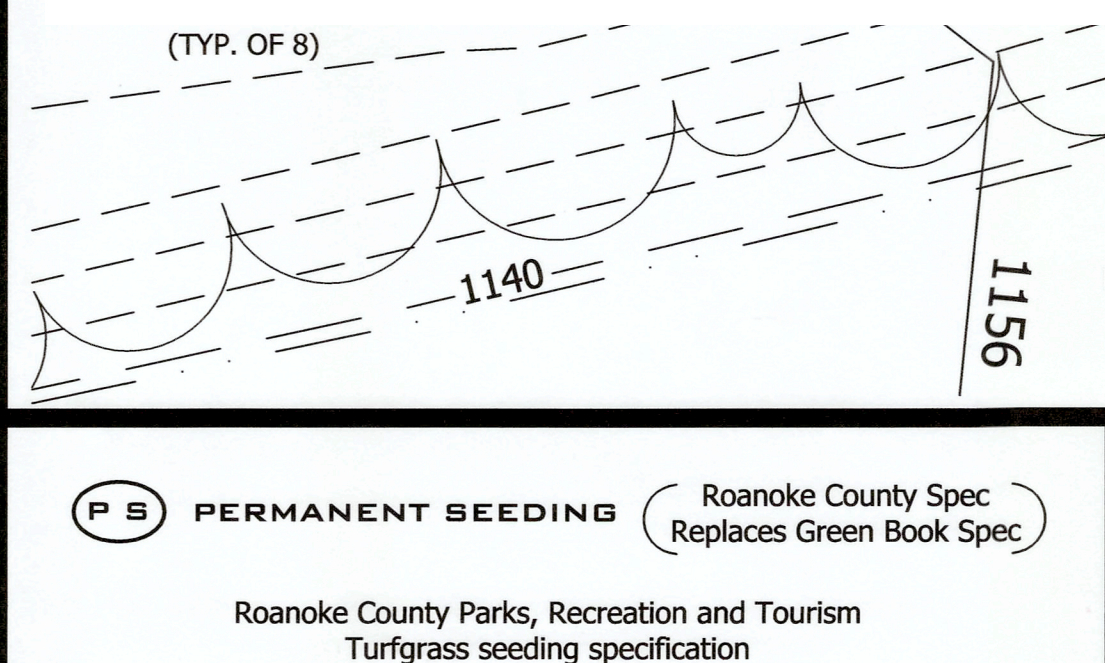
PLAN VIEW



SECTION A-A



SECTION B-B



SITework

- Subgrade shall be formed ensuring positive drainage and be free of large boulders and other large construction debris.
- Topsoil will be installed and uniformly graded to a constant six-inch depth over the entire planting area.
- Soil to be friable loam with adequate organic content.
- Soil to be free of rock, roots, clods, and foreign material, including construction debris and gravel.

SEEDING SPECIFICATIONS

- Seed blend shall consist of a three-way turf-type fescue.
- Seed shall be blue tag certified category one.
- Seed shall be clearly labeled.
- New seeding to be applied at a rate of eight pounds per 1000 square feet.
- Newly seeded areas to be fertilized using a formula with a 1-3-1 npk at a rate of 1/4 pound nitrogen per 1000 square feet.
- Soils to be tested to determine if additional amendments are needed.
- Prepared seedbed will have quality topsoil a minimum of six inches depth, free of rocks, roots, or debris.
- Seed shall be applied in two different directions.
- Seed shall be mechanically incorporated into the top 1/2 inch of the proposed surface.
- Seeded surface shall be mulched with blown straw at a rate of two bales per 1000 square feet then tacked using a hydro-mulcher and paper mulch product. adjacent hard surface will be cleaned from the seeding and mulching operations.

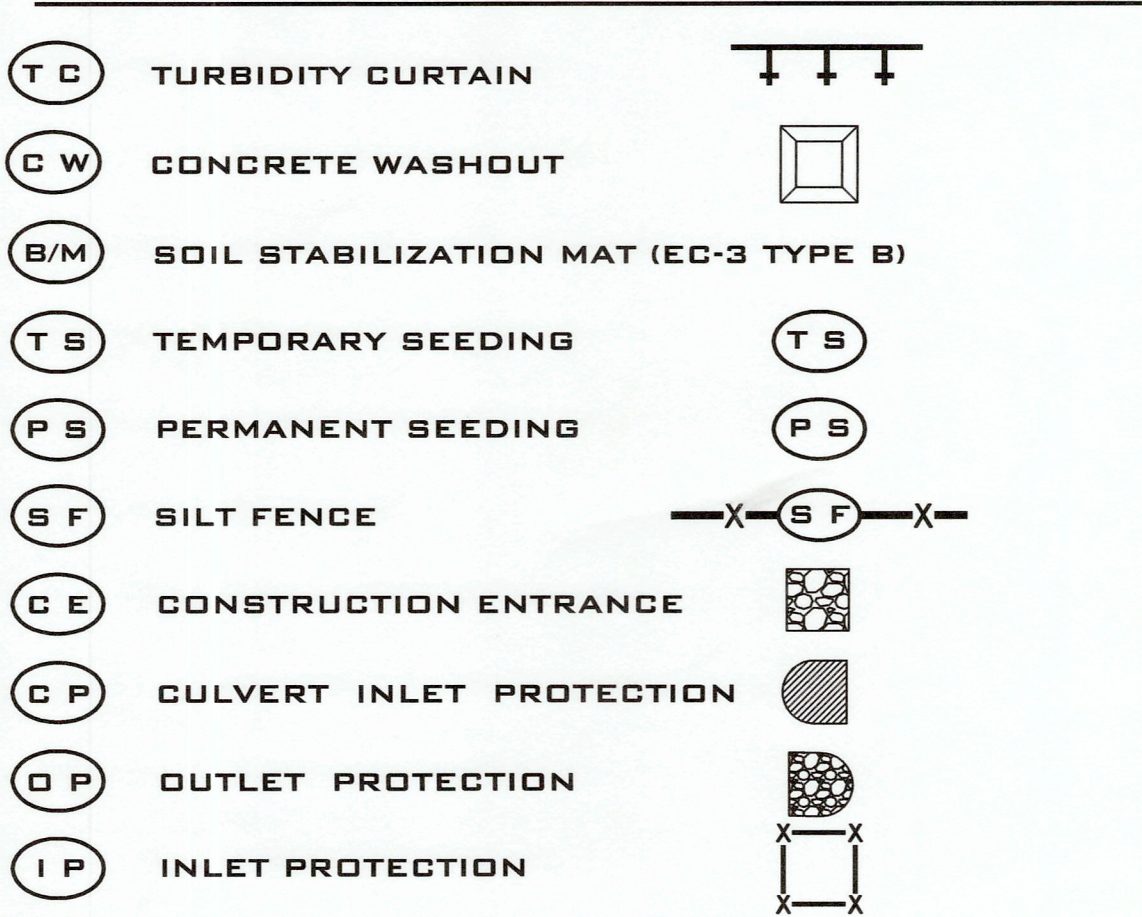
19E

SOIL SPECIFICATION:
FENWICK (VERY GRAVELLY SILT LOAM)
25 TO 40 PERCENT SLOPES
OCCASIONALLY FLOODED

EROSION SEDIMENT CONTROL PLAN

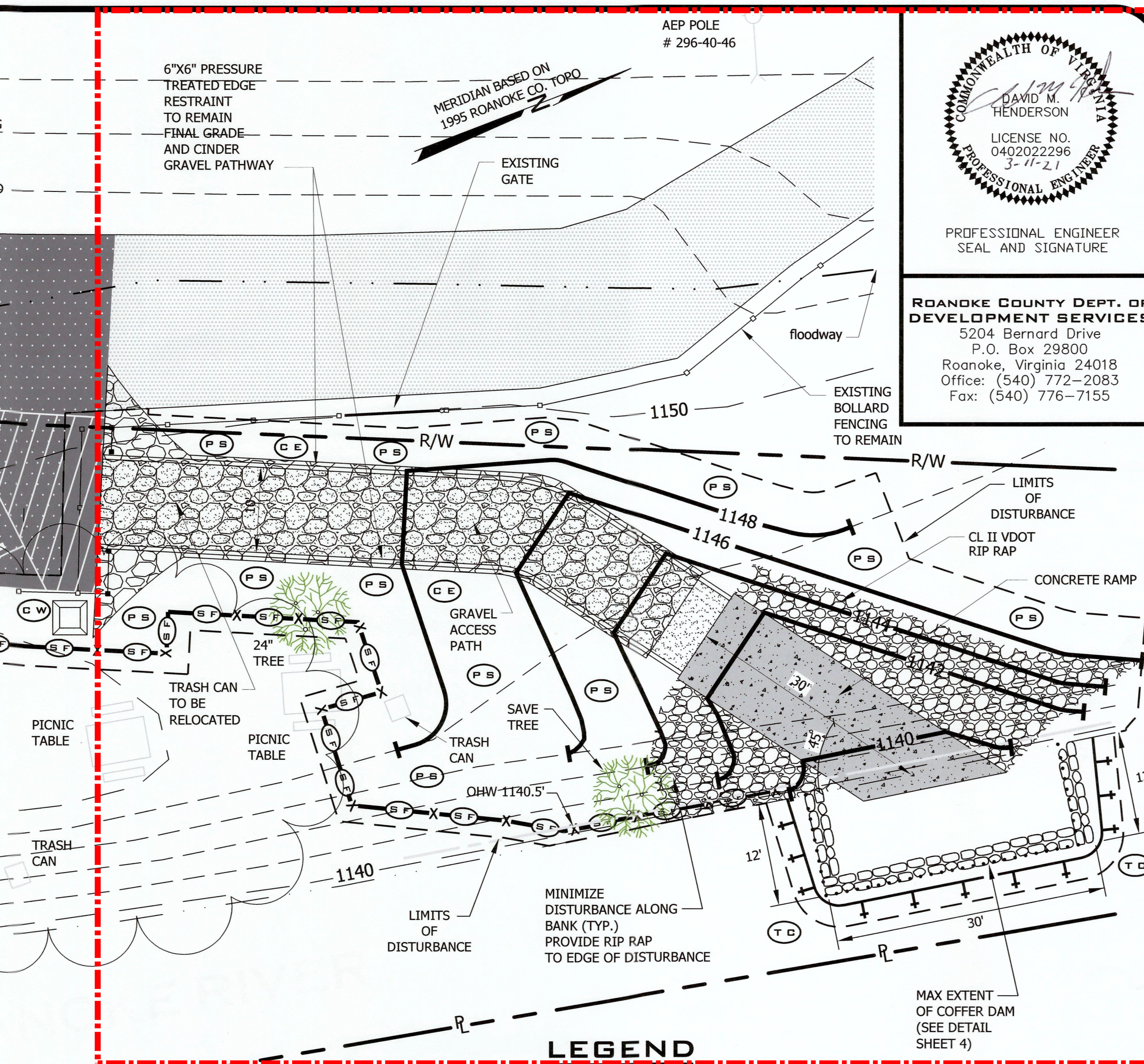
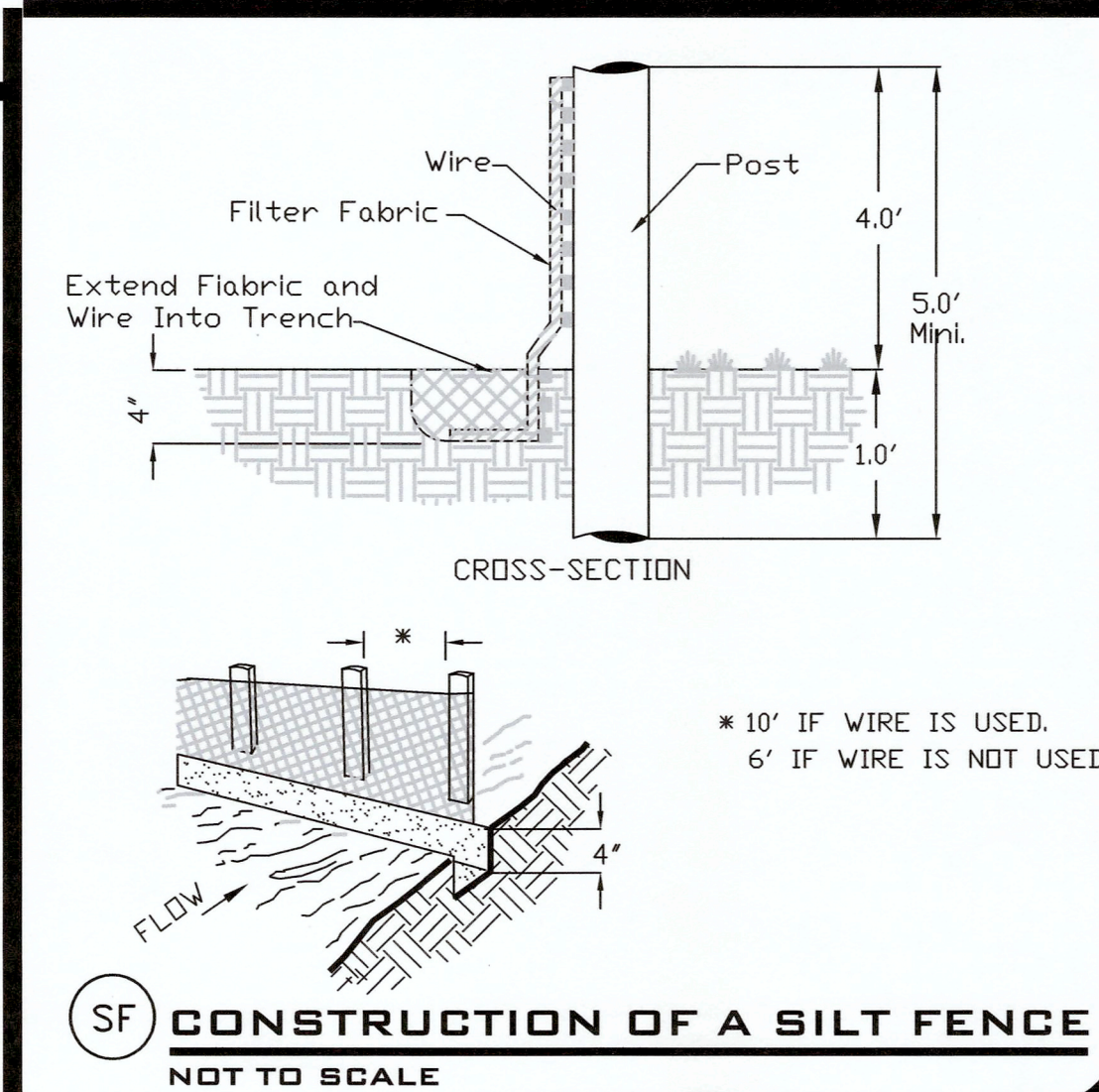
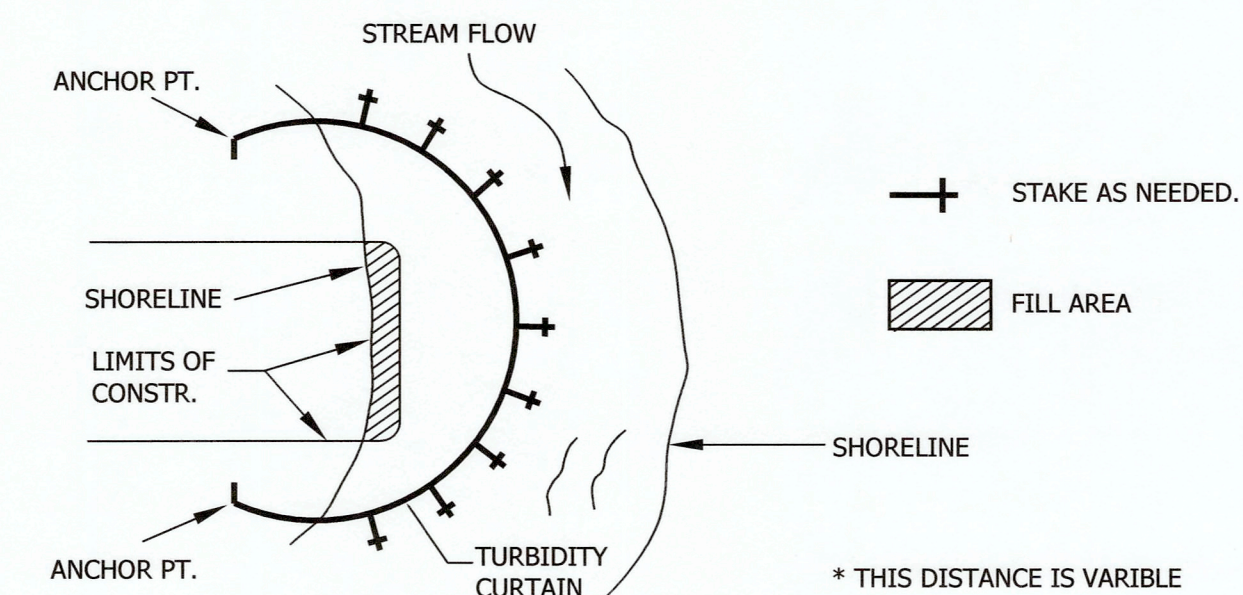
SCALE: 1" = 20'

EROSION SEDIMENT CONTROL SYMBOLS



TURBIDITY CURTAIN

TYPICAL LAYOUTS:
STREAMS, PONDS & LAKES (PROTECTED and NON-TIDAL)



COMMONWEALTH OF VIRGINIA
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3-11-21
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DEPARTMENT OF
DEVELOPMENT
SERVICES

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NO.	REVISIONS	DATE

WAYSIDE PARK BOAT LAUNCH & PARKING EXPANSION

DATE: 3/11/2021
SCALE: 1"=10'
DRAWING BY: BWE
DESIGNED BY: DMH/BWE
APPROVED BY: DMH

EROSION & SEDIMENT
CONTROL
PLAN

SHEET
5
OF
6

Drawing name: T:\Transportation\Projects\Special Projects\WaySide\WaySide Park and Launch.dwg

GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
2. THE APPROVING AUTHORITY MAY ADD TO, DELETE, RELOCATE, CHANGE, OR OTHERWISE MODIFY CERTAIN EROSION AND SEDIMENT CONTROL MEASURES WHERE FIELD CONDITIONS ARE ENCOUNTERED THAT WARRANT SUCH MODIFICATIONS.
3. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLAN SHALL BE PLACED IN ADVANCE OF THE WORK BEING PERFORMED, AS FAR AS PRACTICAL.
4. IN NO CASE DURING CONSTRUCTION SHALL WATER RUNOFF BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN PROVIDED.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAY'S WORK.
6. FOR THE EROSION CONTROL KEY SYMBOLS SHOWN ON THE PLANS, REFER TO THE VIRGINIA UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. THESE SYMBOLS AND KEYS ARE TO BE UTILIZED ON ALL EROSION CONTROL PLANS SUBMITTED TO ROANOKE COUNTY.
7. THE LOCATION OF ALL OFF-SITE FILL OR BORROW AREAS ASSOCIATED WITH THE CONSTRUCTION PROJECT WILL BE PROVIDED TO ROANOKE COUNTY DEPARTMENT OF DEVELOPMENT SERVICES. AN EROSION CONTROL PLAN OR MEASURES MAY BE REQUIRED FOR THIS AREA.
8. THIS SHEET MAY NOT BE MODIFIED EXCEPT FOR TABLES.

TOTAL DISTURBED AREA = **0.1859** AC. = **8,100** SQ. FT.

BMP INFORMATION TABLE

BMP TYPE	BMP #1
NAME OF AUTHORIZED NUTRIENT BANK	--
REQUIRED PHOSPHORUS TO BE REMOVED (LB/YR)	LBS
AMOUNT OF PHOSPHORUS CREDIT PURCHASED (LB/YR)	LBS
TECHNICAL REQUIREMENT MET (PART 11B OR 11C)	--
TOTAL AREA TREATED (AC)	--
IMPERVIOUS AREA TREATED BY BMP (AC)	--
MANAGED TURF AREA TREATED BY BMP (AC)	--
OPEN SPACE/FORESTED AREA TREATED BY BMP (AC)	--
SURFACE AREA OF BMP (AC)	--
STORAGE VOLUME OF BMP (AC)	--
QUALITY, QUANTITY, OR BOTH?	--
TMDL ADDRESSED? (PHOSPHORUS, BACTERIA, SEDIMENT, ETC)	--
NAME OF RECEIVING WATER (PROJECT SITE)	--
HYDROLOGIC UNIT CODE FOR PROJECT SITE (ALPHANUMERIC CODE RU14, ECT)	--
MAXIMUM AVERAGE DEPTH (FT)	--
LATITUDE (DECIMAL DEGREES XX.XXXX)	--
LONGITUDE (DECIMAL DEGREES XX.XXXX)	--

STORMWATER SITE STATISTICS

	EXISTING	PROPOSED
TOTAL DISTURBED AREA (AC)	--	--
TOTAL SITE (AC)	--	--
IMPERVIOUS AREA (AC)	--	--
MANAGED TURF AREA (AC)	--	--
OPEN SPACE/FOREST (AC)	--	--
PUBLIC RIGHT OF WAY DISTURBANCE (SF)	--	--
KARST PRESENT (Y/N)	--	--

MODIFIED VIRGINIA CODING SYSTEM FOR
EROSION & SEDIMENT CONTROL PRACTICES

REFER TO SHEET 5 FOR DETAILS OF IMPLEMENTED MEASURES

NO.	TITLE	KEY	SYMBOL	NO.	TITLE	KEY	SYMBOL
3.01	SAFETY FENCE	(SAF)		3.21	LEVEL SPREADER	(LS)	
3.02	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	(CE)		3.22	VEGETATIVE STREAMBANK STABILIZATION	(VSS)	
3.03	CONSTRUCTION ROAD STABILIZATION	(CRS)		3.23	STRUCTURAL STREAMBANK STABILIZATION	(SSS)	
3.04	STRAW BALE BARRIER	(STB)		3.24	TEMPORARY VEHICULAR STREAM CROSSING	(VSC)	
3.05	SILT FENCE	(SF)		3.25	UTILITY STREAM CROSSING	(USC)	
3.06	BRUSH BARRIER	(BB)		3.26	DEWATERING STRUCTURE	(DS)	
3.07	STORM DRAIN INLET PROTECTION	(IP)		3.27	TURBIDITY CURTAIN	(TC)	
3.08	CULVERT INLET PROTECTION	(CIP)		3.28	SUBSURFACE DRAIN	(SD)	
3.09	TEMPORARY DIVERSION DIKE	(DD)		3.29	SURFACE ROUGHENING	(SR)	
3.10	TEMPORARY FILL DIVERSION	(FD)		3.30	TOPSOILING	(TO)	
3.11	TEMPORARY RIGHT-OF-WAY DIVERSION	(RWD)		3.31	TEMPORARY SEEDING	(TS)	
3.12	DIVERSION	(DV)		3.32	PERMANENT SEEDING	(PS)	
3.13	TEMPORARY SEDIMENT TRAP	(ST)		3.33	SODDING	(SO)	
3.14	TEMPORARY SEDIMENT BASIN	(SB)		3.34	BERMUDA GRASS AND ZOYSIAURASS ESTABLISHMENT	(Bk)	
3.15	TEMPORARY SLOPE DRAIN	(TSD)		3.35	MULCHING	(MU)	
3.16	PAVED FLUME	(PF)		3.36	SOIL STABILIZATION BLANKETS AND MATTING	(BE-2S)	
3.17	STORMWATER CONVEYANCE CHANNEL	(SCC)		3.37	TREES, SHRUBS, VINES AND GROUND COVERS	(VEG)	
3.18	OUTLET PROTECTION	(OP)		3.38	TREE PRESERVATION AND PROTECTION	(TP)	
3.19	RIPRAP	(RR)		3.39	DUST CONTROL	(DC)	
3.20	ROCK CHECK DAMS	(CD)					

EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION: THE PURPOSE OF THIS PROJECT IS THE CONSTRUCTION OF A PUBLIC BOAT RAMP AND RECONSTRUCTION OF EXISTING PARKING LOT. THE PROJECT IS LOCATED ALONG RTE 11/460 AT THE EXISTING WAYSIDE PARK IN ROANOKE COUNTY, VIRGINIA. THE DISTURBED AREA FOR THIS PROJECT IS APPROXIMATELY 0.1859 AC.

EXISTING SITE CONDITIONS: THE LIMITS OF DISTURBANCE IS LOCATED WITHIN THE SUBJECT PROPERTY, IDENTIFIED AS ROANOKE COUNTY TAX PARCEL #64.03-01-20.01 AND IS A ROANOKE COUNTY PARK NAMED WAYSIDE PARK. THE SITE IS CURRENTLY A MIX OF PAVED PARKING AND GRASSED AREA. THE ENTIRE SITE DRAINS INTO THE ADJACENT ROANOKE RIVER. THERE ARE CURRENTLY NO KNOWN EROSION PROBLEMS RELATED TO THE PROJECT AREA.

ADJACENT PROPERTY: THE PROJECT AREA IS BOUNDED BY VDOT R/W TO THE NORTH, ROANOKE RIVER TO THE EAST, TAX # 64.03-01-20.00 TO THE SOUTH, RTE. 11/460 TO THE WEST.

OFFSITE AREAS: THE CONTRACTOR WILL BE REQUIRED TO PROVIDE, TO THE COUNTY OF ROANOKE:
A. THE LOCATION OF ANY OFFSITE BORROW AREAS.
B. THE LOCATION OF ANY OFFSITE AREAS WHERE EXCESS EXCAVATED MATERIAL WILL BE DISPOSED.

SOILS:THE "WEB SOIL SURVEY" AS PREPARED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE IDENTIFIES THE SOILS ON SITE AS 19E FENWICK, 25 TO 40 PERCENT SLOPE, WHICH IS VERY GRAVELLY SILT LOAM SOIL GROUP B.

CRITICAL AREAS: CRITICAL AREAS FOR THIS PROJECT INCLUDE ALL AREAS NEAR THE ROANOKE RIVER. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT THESE AREAS HAVE ADEQUATE EROSION CONTROL AND THAT SEDIMENT TRANSPORT FROM THE PROPERTY IS MINIMIZED.

EROSION AND SEDIMENT CONTROL MEASURES: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK", LATEST EDITION (VESCH). THE MINIMUM STANDARDS OF THE VESCH SHALL BE ADHERED TO UNLESS DIRECTED BY THE LOCAL PROGRAM ADMINISTRATOR.

STRUCTURAL-

CONSTRUCTION ENTRANCE-Std. 3.02 a stone pad, located at points of vehicular ingress and egress to the construction site, to reduce the soil transported onto public roads and other paved areas.

SILT FENCE. 3.05 a temporary sediment barrier consisting of a synthetic filter fabric stretched across and attached to supporting posts and entranced to intercept and detain small amounts of sediment from disturbed areas.

COFFERDAM. 3.25 a temporary settling and filter device for water which is discharged from dewatering activities, used to filter sediment-laden water prior to the water being discharged offsite.

DEWATERING STRUCTURE. 3.26 a temporary settling and filter device for water which is discharged from dewatering activities, used to filter sediment-laden water prior to the water being discharged offsite.

TURBIDITY CURTAIN. 3.27 a temporary curtain to contain sediment during the installation and removal of the cofferdam.

VEGETATIVE-

TEMPORARY SEEDING. 3.31 establishment of temporary vegetative cover on disturbed areas by seeding with appropriate rapidly growing annual plants to reduce erosion by stabilizing disturbed areas that will not be brought to final grade for a period of more than 14 days.

PERMANENT SEEDING. 3.32 establishment of perennial vegetative cover on disturbed areas by planting seed to reduce erosion and decrease sediment yield from disturbed areas.

MULCHING. 3.35 application of plant residues or other suitable materials to the soil surface. Mulching will prevent erosion by protecting the soils surface from raindrop impact and reducing the velocity of overland flow. After seeding, mulching will foster the growth of vegetation by increasing available moisture and providing insulation against extreme heat and cold.

DUST CONTROL. 3.39 the application of measures to prevent surface and air movement of dust from exposed soil surfaces and reduce the presence of airborne substances which may present health hazards, traffic safety problems or harm animal or plant life.

MANAGEMENT STRATEGIES:

A.) CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.

B.) SEDIMENT TRAPPING MEASURES WILL BE INSTALLED AS A FIRST STEP IN GRADING.

C.) THE LOCAL PROGRAM ADMINISTRATOR RESERVES THE RIGHT TO ADD TO, DELETE OR OTHERWISE CHANGE THE EROSION CONTROL MEASURES AS DEEMED NECESSARY DUE TO ACTUAL FIELD CONDITIONS BY WRITTEN NOTIFICATION TO THE CONTRACTOR.

D.) ALL FILL AND CUT SLOPES SHALL BE SEEDDED WITHIN SEVEN (7) DAYS OF ACHIEVING FINAL GRADE.

E.) ONLY AFTER INSPECTION AND APPROVAL FROM THE LOCAL PROGRAM ADMINISTRATOR, EROSION AND SEDIMENT CONTROL DEVICES MAY BE REMOVED FOLLOWING THE STABILIZATION OF THE CONTRIBUTING AREAS.

THE GENERAL CONTRACTOR SHALL INSPECT DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND THE AREA OF CONSTRUCTION VEHICLE ACCESS AT LEAST EVERY FOURTEEN (14) CALENDAR DAYS, AND WITHIN 48 HOURS OF THE END OF A STORM EVENT PRODUCING 1/2" OR GREATER OF PRECIPITATION. WHERE AREAS HAVE BEEN FINALLY OR TEMPORARY STABILIZED OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS (SITE IS COVERED WITH ICE, OR FROZEN GROUND EXISTS) SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.

A.) INSPECT DISTURBED AREAS AND AREAS OF MATERIALS STORAGE THAT ARE EXPOSED TO PRECIPITATION FOR EVIDENCE OF, OR THE POTENTIAL FOR SEDIMENT ENTERING THE STORM DRAIN SYSTEM. INSPECT E&S CONTROLS IN ACCORDANCE WITH REQUIREMENTS STATED HEREIN, AND INSPECT POINTS OF STORM DRAIN DISCHARGE FOR EXCESSIVE SEDIMENTATION. CORRECT SITE CONTROLS AS AS REQUIRED TO REDUCE SEDIMENTATION OF STORM DRAINED, CULVERTS, AND RECEIVING CHANNELS.

B.) IF CONTROLS OR SEDIMENT PREVENTION AREAS ARE FOUND TO BE IN NEED OF REPAIR OR MODIFICATION, THE GENERAL CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES OR MODIFICATION TO EXISTING MEASURES AS REQUIRED. ANY ADDITIONAL MEASURES OR MODIFICATIONS TO EXISTING MEASURES SHALL BE RECORDED AS FIELD REVISIONS TO THESE PLANS. IN THE EVENT THAT ADDITIONAL CONTROLS ARE FOUND TO BE REQUIRED, THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING THESE CONTROLS BEFORE THE NEXT ANTICIPATED STORM EVENT IS IMPRACTICAL, THEY SHALL BE IMPLEMENTED AS SOON AS PRACTICAL.

C.) A REPORT SUMMARIZING THE SCOPE OF INSPECTIONS, NAME OF INSPECTOR, INSPECTOR'S QUALIFICATIONS, DATES OF INSPECTIONS, MAJOR OBSERVATIONS PERTAINING TO THE IMPLEMENTATION OF THESE EROSION CONTROL PLANS, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS A PART OF THESE PLANS. MAJOR OBSERVATIONS OF THESE REPORTS SHALL INCLUDE: THE LOCATIONS OF EXCESSIVE SEDIMENTATION FROM THE SITE; LOCATIONS OF CONTROLS IN NEED OF REPAIR; LOCATION OF FAILED OR INADEQUATE CONTROLS; AND LOCATIONS WHERE ADDITIONAL CONTROLS ARE NEEDED.

STORMWATER MANAGEMENT:

STORMWATER QUANTITY REQUIREMENTS WILL BE MET BY SHEETFLOWS TO FEMA FLOODPLAINSTORMWATER QUALITY REQUIREMENTS WILL BE MET THROUGH NOT APPLICABLE

ROANOKE COUNTY DEPT. OF
DEVELOPMENT SERVICES
5204 Bernard Drive
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Office: (540) 772-2083
Fax: (540) 776-7155

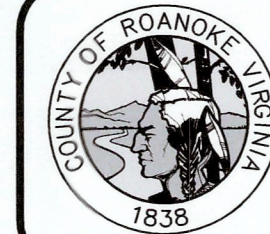


DEPARTMENT OF
DEVELOPMENT
SERVICES

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NO.	REVISIONS	DATE

WAYSIDE PARK
BOAT LAUNCH & PARKING EXPANSION

DATE: 3/11/2021
SCALE: 1" = 20'
DRAWING BY: BWE
DESIGNED BY: DMH/BWE
APPROVED BY: DMH



EROSION &
SEDIMENT CONTROL
NARRATIVE

SHEET
6
OF
6

Drawing name: T:\Transportation\Projects\Special Projects\Wayside\Wayside Park and Launch.dwg