



CARRS WHARF ADA IMPROVEMENTS

ANNE ARUNDEL COUNTY, MARYLAND

PROJECT NO. P573300

CONTRACT NO. P573303

SHEET LIST TABLE

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GENERAL SITE NOTES

- TOPOGRAPHIC SURVEY PERFORMED BY BAYLAND CONSULTANTS & DESIGNERS, INC., DATED SEPTEMBER 2022.
 - HORIZONTAL AND VERTICAL CONTROL ESTABLISHED FROM REAL TIME KINEMATIC (RTK) GLOBAL POSITIONING SYSTEM (GPS) CONTROL POINTS. TRAVERSE POINTS ARE IRON REBAR UNLESS OTHERWISE SPECIFIED. COORDINATES AND BEARINGS SHOWN HEREON ARE REFERRED TO THE MARYLAND COORDINATE SYSTEM (MADB3/1991). ELEVATIONS SHOWN HEREON ARE REFERRED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD'88).
- | INT | NORTHING | EASTING | ELEVATION | DESCRIPTION |
|------|------------|--------------|-----------|-------------|
| TPS1 | 445,289.67 | 1,448,033.36 | 3.12 | PK NAIL |
| TPS2 | 445,526.91 | 1,448,178.72 | 6.72 | MAG/DISK |
| TPS3 | 445,678.01 | 1,448,453.39 | 32.31 | MAG/DISK |
| TPS4 | 445,766.39 | 1,448,647.00 | 31.47 | YPC |
- THE EXISTING UTILITIES, GRADES, AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS AND ANY DAMAGE TO THEM SHALL BE REPAIRED IMMEDIATELY AT HIS OWN EXPENSE.
 - CONTOURS SHOWN OUTSIDE OF LIMIT OF WORK ARE BASED ON ANNE ARUNDEL COUNTY 2020 GIS TOPOGRAPHY.
 - PROPERTY LINE SURVEY PERFORMED BY BAYLAND CONSULTANTS & DESIGNERS, INC., DATED JANUARY 2024.
 - ALL TREES WITHIN THE CRITICAL AREA WERE FIELD LOCATED. TREES WITH A 6" DIAMETER OR GREATER THAT ARE WITHIN THE LIMIT OF WORK WERE FIELD LOCATED.
 - WETLAND CONDITIONS AS SHOWN HEREON WERE DELINEATED BY BAYLAND CONSULTANTS AND DESIGNERS, INC IN SEPTEMBER 2022.
 - FEMA 100-YEAR FLOODPLAIN ZONE AE EXISTS ONSITE AS SHOWN ON FEMA FIRM 24003C0244F, EFFECTIVE FEBRUARY 18, 2015.
 - RIPRAP SHOWN IN PLAN VIEW AND PROFILE ARE SYMBOLIC AND DO NOT REPRESENT INDIVIDUAL STONES.
 - RHODE RIVER (WEST RIVER WATERSHED MD BASIN CODE: 02131004) IS A USE II STREAM WITH A STREAM CLOSURE PERIOD FROM JUNE 1ST THROUGH SEPTEMBER 30TH AND DECEMBER 16TH THROUGH MARCH 14.
 - THE PROJECT SITE IS LOCATED WITHIN THE 100' CRITICAL AREA BUFFER.

GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ANNE ARUNDEL COUNTY STANDARD SPECIFICATIONS AND/OR DETAILS FOR CONSTRUCTION AND THE STATE HIGHWAY ADMINISTRATION'S HIGHWAY DRAINAGE MANUAL STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION UNLESS OTHERWISE NOTED.
- THE EXISTING UTILITIES AND OBSTRUCTIONS SHOWN ARE FROM THE BEST AVAILABLE RECORDS AND SHALL BE VERIFIED BY THE CONTRACTOR TO HIS SATISFACTION PRIOR TO CONSTRUCTION. NECESSARY PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR TO PROTECT EXISTING SERVICES AND MAINS AND ANY DAMAGE TO THEM SHALL BE REPAIRED IMMEDIATELY AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 1-800-257-7777 AND THE CITY UTILITIES MAINTENANCE DIVISION AT 240-314-8567 A MINIMUM OF 96 HOURS IN ADVANCE OF ANY EXCAVATION, BORING, PILE DRIVING AND/OR DIGGING FOR THE LOCATION OF GAS, ELECTRIC, TELEPHONE, WATER AND SEWER LINES.
- MECHANICAL EXCAVATION SHALL NOT BE CONDUCTED WITHIN 3 FEET HORIZONTALLY OR WITHIN 2 FEET VERTICALLY OF KNOWN UTILITY LOCATIONS. HAND OR SOFT DIGGING SHALL BE DONE WITHIN THESE LIMITS. UNDERGROUND UTILITIES, ONCE UNCOVERED, SHALL BE PROTECTED FROM BEING STRUCK BY EQUIPMENT.
- IT SHALL BE DISTINCTLY UNDERSTOOD THAT FAILURE TO MENTION SPECIFICALLY ANY WORK WHICH WOULD NATURALLY BE REQUIRED TO COMPLETE THE PROJECT SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLETE SUCH WORK.
- ALL FILL AREAS SHALL BE CLEANED OF ALL VEGETATION AND DEBRIS, SCARIFIED TO A MINIMUM DEPTH OF 12 INCHES PRIOR TO THE PLACEMENT OF FILL. FILL MATERIAL SHALL BE PLACED IN CONTROLLED LIFTS WITH A MAXIMUM THICKNESS OF 8" PRIOR TO COMPACTION THAT IS CONTINUOUS OVER THE ENTIRE AREA OF FILL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS TESTING INCLUDING CONCRETE, FLOWABLE FILL, HOT MIX ASPHALT, FILL COMPACTION, AND TOPSOIL. ALL MATERIALS TESTING SHALL BE PERFORMED BY THE CONTRACTOR AND SHALL BE COMPENSATED FOR AS PART OF THE APPROPRIATE PAY ITEM.
- ALL DISTURBED AREAS SHALL HAVE PERMANENT OR TEMPORARY STABILIZATION COMPLETED WITHIN:
 - END OF THE WORK DAY FOR AREAS WITHIN WATERWAYS.
 - THREE CALENDAR DAYS ON SLOPES GREATER THAN 3:1 AND TO THE SURFACE OF ALL PERIMETER SEDIMENT CONTROLS.
 - SEVEN CALENDAR DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS.
 - ALL STABILIZATION MUST BE IN ACCORDANCE WITH MARYLAND DEPARTMENT OF AGRICULTURE (MDA) FERTILIZER LAW.
- ALL TREES WITH A DIAMETER GREATER THAN 6 INCHES WITHIN THE LIMIT OF DISTURBANCE SHALL NOT BE REMOVED UNLESS PRIOR APPROVAL IS OBTAINED OR EXPLICITLY SHOWN ON THE PLANS TO BE REMOVED. ALL TREES TO REMAIN WITHIN THE LIMIT OF DISTURBANCE THAT ARE NOT TO BE REMOVED SHALL BE PROTECTED WITH TREE PROTECTION FENCING.
- ALL DISTURBED AREAS WITH SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH BIODEGRADABLE SOIL STABILIZATION MATTING THAT HAS A SUFFICIENT DESIGN SHEAR STRESS FOR THE APPLICATION OR AS SHOWN ON THE APPROVED SEDIMENT AND EROSION CONTROL PLANS.
- ALL PERMANENTLY STABILIZED AREAS SHALL INCLUDE A MINIMUM OF 4" OF TOPSOIL PER THE 2011 MDE SPECIFICATIONS.
- ALL STAKING, RESTAKING, AND CUT SHEETS SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR OR PROFESSIONAL ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL CONSTRUCTION TO BE PERFORMED IN ACCORDANCE WITH STATE OF MARYLAND OCCUPATIONAL SAFETY LAWS.
- CONTRACTOR MUST ENSURE THAT COPIES OF FEDERAL, STATE, AND LOCAL PERMITS ARE POSTED ON SITE PRIOR TO THE START OF ANY WORK.
- ALL PAVED AREAS, INCLUDING ROADS AND PARKING LOTS, SHALL BE CLEANED AND CLEARED BY THE END OF EACH DAY. ANY MUD OR ROCKS TRACKED ON THE PAVED AREAS SHALL BE SWEEPED BEFORE THE END OF SHIFT EACH DAY.
- CONTRACTOR SHALL RESTORE ALL AREAS IMPACTED BY CONSTRUCTION ACTIVITY TO A CONDITION BETTER THAN OR EQUAL TO PRE-CONSTRUCTION CONDITION. THIS SHALL INCLUDE BUT NOT LIMITED TO GRASS AREAS, ROADS, PAVED AREAS, ETC...

SITE ANALYSIS

1. TOTAL SITE AREA:	0.54 ACRES
1.1. PROPOSED DISTURBED AREA:	0.17 ACRES
2. TOTAL AREA TO BE STABILIZED:	0.17 ACRES
2.1. TOTAL EX. IMPERVIOUS AREA:	0.04 ACRES
2.2. TOTAL EX. IMPERVIOUS AREA TO REMAIN:	0.03 ACRES
2.3. TOTAL PR. IMPERVIOUS AREA:	0.05 ACRES
2.4. TOTAL TO BE STABILIZED WITH VEGETATION:	0.12 ACRES
3. PROPOSED IMPERVIOUS AREA:	0.02 ACRES
4. ESTIMATED EARTH CUT:	5 CY
5. ESTIMATED MATERIAL UNDERCUT FOR SUBMERGED GRAVEL WETLAND:	25 CY
6. ESTIMATED EARTH FILL:	155 CY

NOTE:
THE EARTHWORK QUANTITIES SHOWN HEREON ARE FOR INFORMATION PURPOSES ONLY. BAYLAND MAKES NO GUARANTEES OF ACCURACY OF QUANTITIES OR BALANCE OF SITE. THE QUANTITY OF EXCAVATION HAS BEEN ESTIMATED BASED ON EXISTING CONDITIONS SURVEY SHOWN AND SHALL SERVE AS THE BASIS OF PAYMENT.



LOCATION MAP

SCALE: 1" = 2000'

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LEGEND

TRAVERSE POINT	TPS# 1	EX. FOREST PRESERVATION AREA	FP
EX. PROPERTY LINE	---	EX. FIRE HYDRANT	⊗
EX. MAJOR CONTOUR	---30---	EX. MAILBOX	⊗
EX. MINOR CONTOUR	---28---	EX. UTILITY POLE	⊗
EX. ROAD	---	EX. GUY WIRE	⊗
EX. OVERHEAD ELECTRIC LINE	---OHE---	PR. STORM DRAIN, INLET & MANHOLE	PR. 12" SD
EX. FEMA FLOODPLAIN	FEMA	PR. RIPRAP	⊗
EX. TREELINE	---	PR. MAJOR CONTOUR	---
EX. SOIL	AsE	PR. MINOR CONTOUR	---
EX. TREE	⊗	PR. ODD CONTOUR	---
EX. SIGN	⊗	PR. CENTERLINE	---
EX. STORM DRAIN, INLET & MANHOLE	⊗	PR. BORING	⊗
EX. SEWER & MANHOLE	EX. 12" SS	PR. TREE TO BE REMOVED	⊗
EX. WOOD FENCE	---	PR. ROAD IMPROVEMENTS	---
EX. GUARDRAIL	---	PR. SIGN	---
EX. RIPRAP	---	PR. MAILBOX	⊗
EX. WETLANDS	---	PR. WOOD FENCE	---

STANDARD RESPONSIBILITY NOTES

- I (WE) CERTIFY THAT:
 - ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS SEDIMENT AND EROSION CONTROL PLAN, AND FURTHER, AUTHORIZE THE RIGHT OF ENTRY FOR PERIODIC ON-SITE EVALUATION BY THE ANNE ARUNDEL SOIL CONSERVATION DISTRICT (AASCD) BOARD OF SUPERVISORS OR THEIR AUTHORIZED AGENTS.
 - ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE FROM THE MARYLAND DEPARTMENT OF THE ENVIRONMENT'S APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.
RESPONSIBLE PERSONNEL ON SITE: _____
 - IF APPLICABLE, THE APPROPRIATE ENCLOSURE WILL BE CONSTRUCTED AND MAINTAINED ON SEDIMENT BASIN(S) INCLUDED IN THIS PLAN. SUCH STRUCTURE(S) WILL BE IN COMPLIANCE WITH THE ANNE ARUNDEL COUNTY CODE.
- THE DEVELOPER IS RESPONSIBLE FOR THE ACQUISITION OF ALL EASEMENTS, RIGHT, AND/OR RIGHTS-OF-WAY THAT MAY BE REQUIRED FOR THE SEDIMENT AND EROSION CONTROL PRACTICES, STORM WATER MANAGEMENT PRACTICES AND THE DISCHARGE OF STORM WATER ONTO OR ACROSS ADJACENT OR DOWNSTREAM PROPERTIES INCLUDED IN THE PLAN.
- FOR INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT AND/OR TEMPORARY STABILIZATION PER THE AASCD VEGETATIVE ESTABLISHMENT SHALL BE COMPLETED WITHIN THREE CALENDAR DAYS FOR THE SURFACE OF ALL CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1); AND SEVEN DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- THE GRADING AND SEDIMENT CONTROL APPROVAL ON THIS PLAN EXTENDS ONLY TO THOSE AREAS WITHIN THE LIMITS OF DISTURBANCE.
- THE APPROVAL OF THIS PLAN FOR SEDIMENT AND EROSION CONTROL DOES NOT RELIEVE THE DEVELOPER/CONSULTANT FROM COMPLYING WITH FEDERAL, STATE OR COUNTY REQUIREMENTS PERTAINING TO ENVIRONMENTAL ISSUES.
- THE DEVELOPER MUST REQUEST THAT THE SEDIMENT AND EROSION CONTROL INSPECTOR APPROVE WORK COMPLETED IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE GRADING OR BUILDING PERMIT, AND THE ORDINANCE.
- ALL MATERIAL SHALL BE TAKEN TO A SITE WITH AN APPROVED SEDIMENT AND EROSION CONTROL PLAN.
- FIRST PHASE INSPECTION AND APPROVAL OF THE SEDIMENT AND EROSION CONTROL INSPECTOR SHALL BE REQUIRED UPON COMPLETION OF THE INSTALLATION OF EROSION AND SEDIMENT CONTROLS PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THE INITIAL APPROVAL BY THE SEDIMENT AND EROSION CONTROL INSPECTOR IS GIVEN. INSPECTION AND PERMITS MAY ALSO REQUIRE THAT AN INSPECTION AND CERTIFICATION OF THE INSTALLATION OF SEDIMENT CONTROL ALSO BE PERFORMED BY A DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION COMMENCING.
- APPROVAL FROM THE INSPECTOR MUST BE REQUESTED ON FINAL STABILIZATION OF ALL SITES PRIOR TO REMOVAL OF SEDIMENT AND EROSION CONTROLS.
- EXISTING TOPOGRAPHY MUST BE FIELD VERIFIED BY RESPONSIBLE PERSONNEL TO THE SATISFACTION OF THE SEDIMENT CONTROL INSPECTOR PRIOR TO COMMENCING WORK.

SIGNATURE OF DEVELOPER/OWNER _____ DATE _____

PRINT: NAME: _____
TITLE: _____
AFFILIATION: _____
ADDRESS: _____
TELEPHONE NUMBER: _____
EMAIL ADDRESS: _____

NOTE: SEE SHEET 12 FOR SEQUENCE OF CONSTRUCTION

ABBREVIATIONS

DBH DIAMETER OF BREAST HEIGHT
ELEV. ELEVATION
EX. EXISTING
INV. INVERT
LOD LIMIT OF DISTURBANCE
PR. PROPOSED

PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 21194, EXPIRATION DATE: 04/20/2024.

PROJECT INFORMATION

1. OWNER INFORMATION:	ANNE ARUNDEL COUNTY ARUNDEL CENTER PO BOX 2700 ANNAPOLIS, MD 21404-2700
2. DEVELOPER INFORMATION:	ANNE ARUNDEL DPW 2662 RVA ROAD ANNAPOLIS, MD 21401 ATTN: ALEJANDRO ANVARI PH: (410) 222-7556
3. ENGINEER:	BAYLAND CONSULTANTS AND DESIGNERS, INC.
4. ENGINEER INFORMATION:	7455 NEW RIDGE ROAD, SUITE T HANOVER, MARYLAND 21076 PH: 410-694-9401
6. PREMISE ADDRESS:	CARRS WHARF ROAD, 1001 CARRS WHARF ROAD
7. TAX MAP:	60, 60
5. GRID:	22, 22
6. PARCEL:	320, 180
7. DEED REF:	21656/239, NA
8. DISTRICT:	1, 1
9. USE:	EXEMPT, EXEMPT
10. PROPERTY AREA:	0.54 ACRES, 0.15 ACRES
11. WATERSHED:	WEST RIVER
12. A.A. CO. GRADING PERMIT NO:	G _____

CONSULTANT'S CERTIFICATION

THE DEVELOPER'S PLAN TO CONTROL SILT AND EROSION IS ADEQUATE TO CONTAIN THE SILT AND EROSION ON THE PROPERTY COVERED BY THE PLAN. I CERTIFY THAT THIS PLAN OF EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THIS SITE, AND WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASCD PLAN SUBMITTAL GUIDELINES AND THE CURRENT MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL. I HAVE REVIEWED THIS EROSION AND SEDIMENT CONTROL PLAN WITH THE OWNER / DEVELOPER.

MD P.E. LICENSE # 21194
NAME SEPEHR BAHARLOU
FIRM NAME BAYLAND CONSULTANTS & DESIGNERS, INC.
ADDRESS 7455 NEW RIDGE ROAD, SUITE T
CITY HANOVER, STATE MD, ZIP CODE 21076

SIGNATURE _____

AS-BUILT CERTIFICATION

"ALL GRADING, DRAINAGE, STRUCTURES, AND EROSION AND SEDIMENT CONTROL PRACTICES INCLUDING FACILITIES AND VEGETATIVE MEASURES HAVE BEEN COMPLETED IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AS REQUIRED BY COMAR 26.17.01.07B(3)(H)."

DEVIATIONS AND DIFFERENCES IN CONSTRUCTED FIELD CONDITIONS ARE SHOWN (REDLINED) ON THESE AS-BUILTS PRINTS.

STORMWATER MANAGEMENT SYSTEMS INDICATED ON THESE DRAWINGS HAVE BEEN INSTALLED IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS

PROFESSIONAL ENGINEER _____ DATE _____

PRINTED NAME _____ MD P.E. REGISTRATION NO. _____

60% DESIGN

Bayland
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

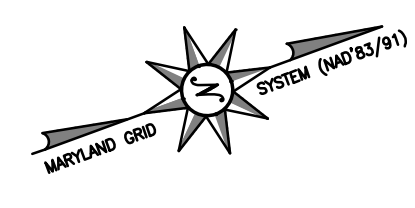
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9105
www.baylandinc.com

BAYLAND JOB NO. 5_17703

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS			
REVISED	APPROVED	DATE	APPROVED
DATE	BY		
	CHIEF ENGINEER		PROJECT MANAGER
	APPROVED	DATE	APPROVED
	ENGINEER ADMINISTRATOR		CHIEF, RIGHT OF WAY

SCALE:	AS SHOWN
DESIGNED BY: MB	5/23/24
DRAWN BY: MDB	5/23/24
CHECKED BY: MB	5/23/24
SHEET NO.	1 OF 12
PROJECT NO.	5_17703
PROPOSAL NO.	P573303

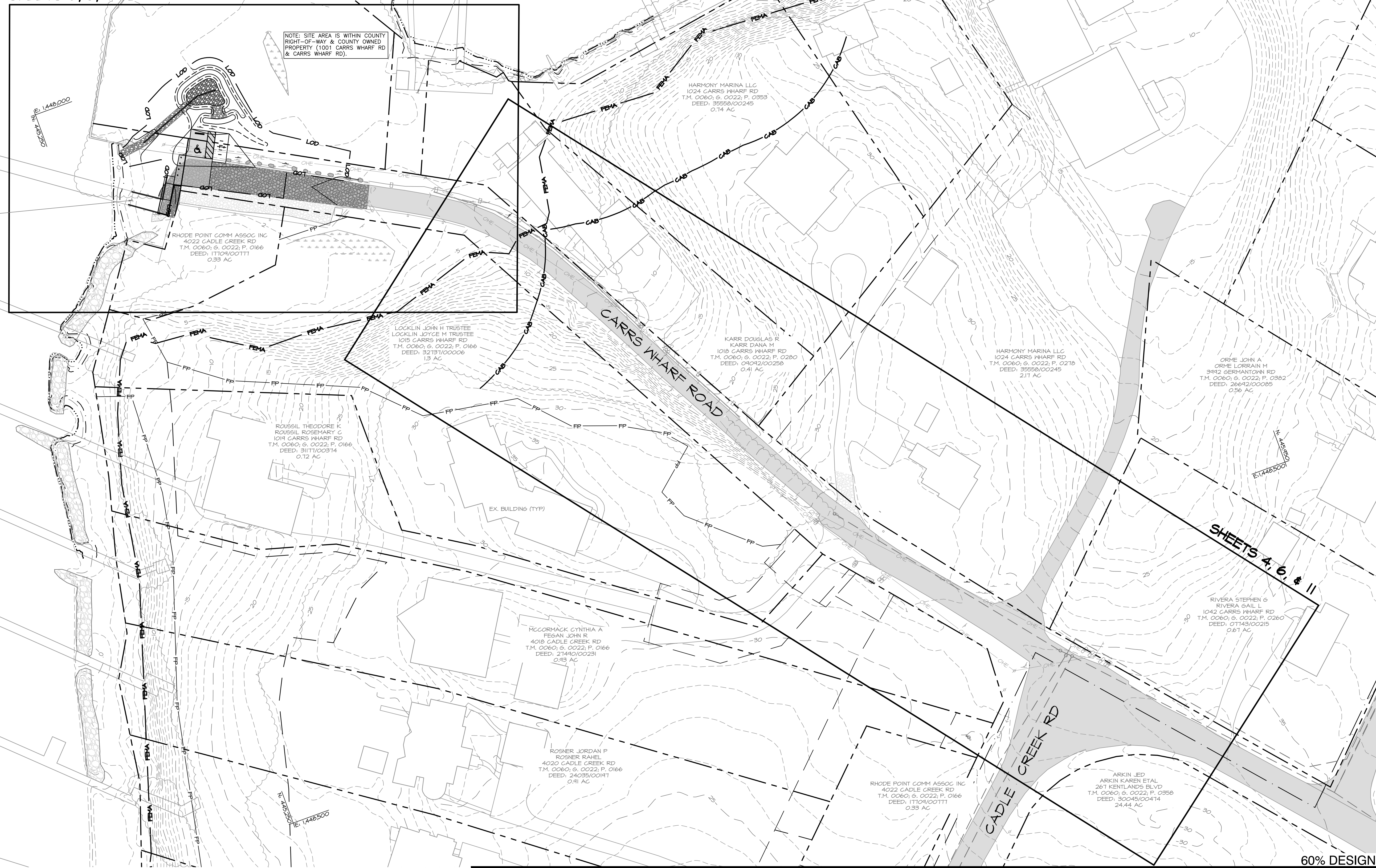
CARRS WHARF ADA
IMPROVEMENTS
COVER SHEET



SHEETS 3, 5, & 10

SHEETS 4, 6, & 11

RHODE RIVER



NOTE: SITE AREA IS WITHIN COUNTY RIGHT-OF-WAY & COUNTY OWNED PROPERTY (1001 CARRS WHARF RD & CARRS WHARF RD).

ANNE ARUNDEL COUNTY
CARRS WHARF RD
T.M. 0060; G. 0022; P. 0320
DEED: 21626/00234
0.54 AC

FARLEY BRENDAN
FARLEY TIFFANY
1018 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0340
DEED: 34602/00206
0.05 AC

HARMONY MARINA LLC
1024 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0353
DEED: 35558/00245
0.14 AC

ANNE ARUNDEL COUNTY
1001 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0180
0.15 AC

RHODE POINT COMM ASSOC INC
4022 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 11104/00111
0.39 AC

LOCKLIN JOHN H TRUSTEE
LOCKLIN JOYCE M TRUSTEE
1015 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0166
DEED: 32131/00006
1.3 AC

KARR DOUGLAS R
KARR DANA M
1018 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0280
DEED: 04092/00258
0.41 AC

HARMONY MARINA LLC
1024 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0278
DEED: 35558/00245
2.11 AC

ORME JOHN A
ORME LORRAIN M
3442 GERMANTOWN RD
T.M. 0060; G. 0022; P. 0382
DEED: 26642/00085
0.56 AC

ROUSSIL THEODORE C
ROUSSIL ROSEMARY C
1014 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0166
DEED: 31111/00314
0.72 AC

EX. BUILDING (TYP)

MCCORMACK CYNTHIA A
FESAN JOHN R
4018 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 21440/00231
0.93 AC

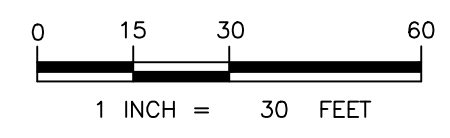
ROSNER JORDAN P
ROSNER RAHEL
4020 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 24035/00191
0.91 AC

RHODE POINT COMM ASSOC INC
4022 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 11104/00111
0.33 AC

ARKIN JED
ARKIN KAREN ETAL
261 KENTLANDS BLVD
T.M. 0060; G. 0022; P. 0358
DEED: 30045/00414
24.44 AC

RIVERA STEPHEN G
RIVERA GAIL L
1042 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0260
DEED: 01143/00215
0.67 AC

KEY SHEET
SCALE: 1" = 30'



Bayland
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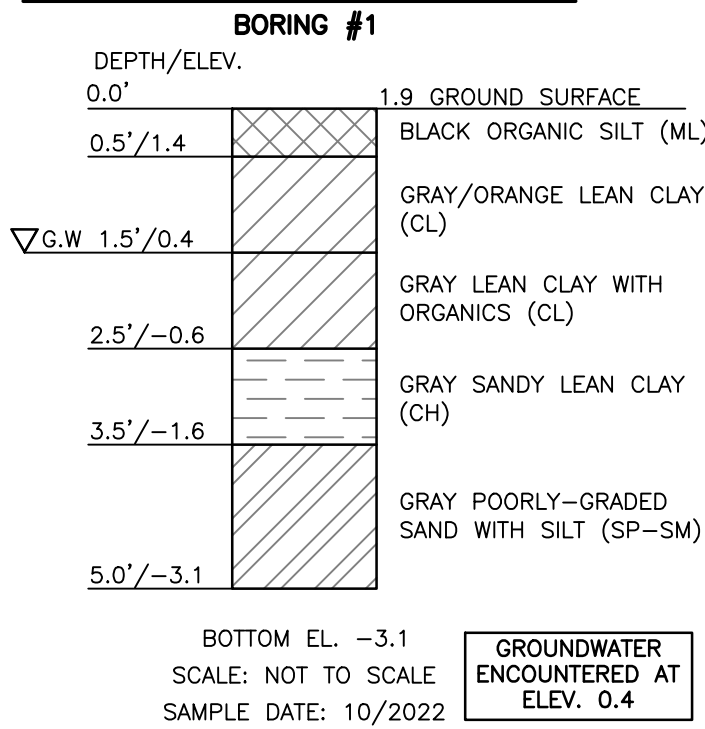
ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

REVISED DATE	BY	APPROVED DATE	APPROVED DATE	SCALE: 1" = 30'
				DESIGNED BY: MB 5/23/24
				DRAWN BY: MDB 5/23/24
				CHECKED BY: MB 5/23/24
				SHEET NO. 2 OF 12
				PROJECT NO. 5_17703
				PROPOSAL NO. P573303

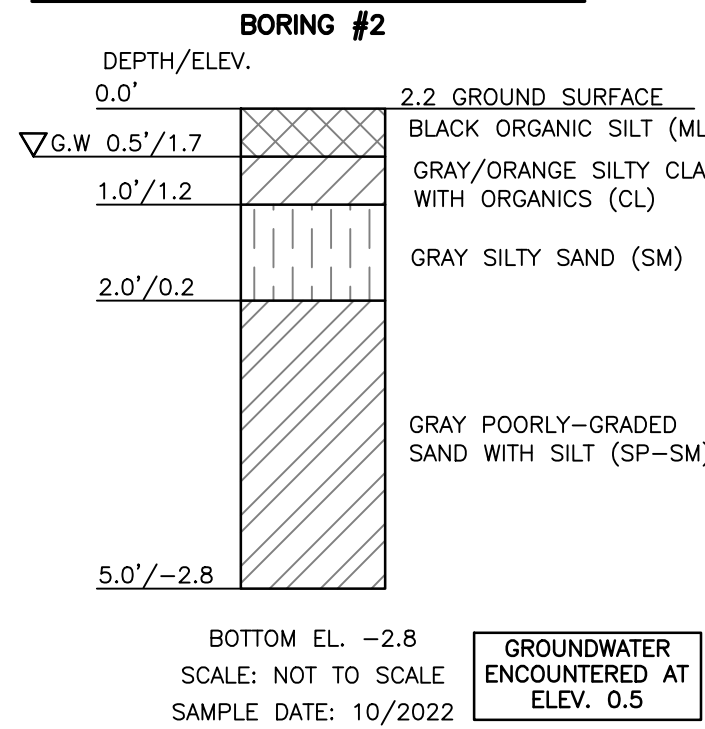
CARRS WHARF ADA IMPROVEMENTS KEY SHEET

60% DESIGN

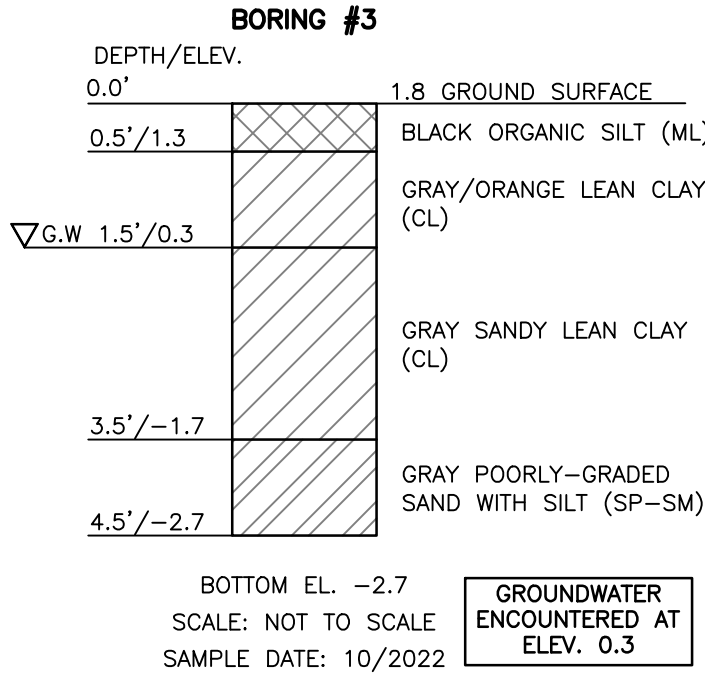
SOIL BORING LOG



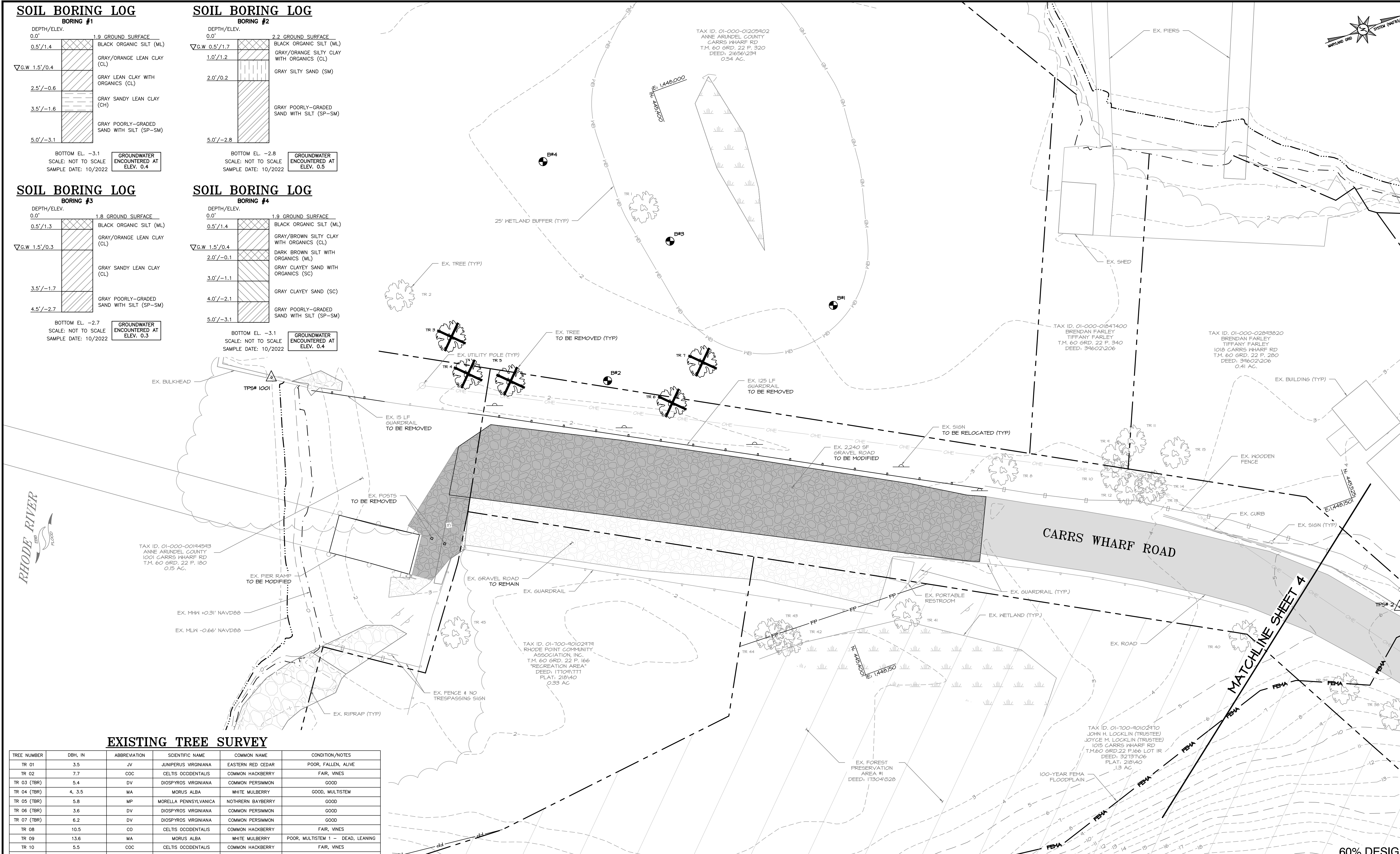
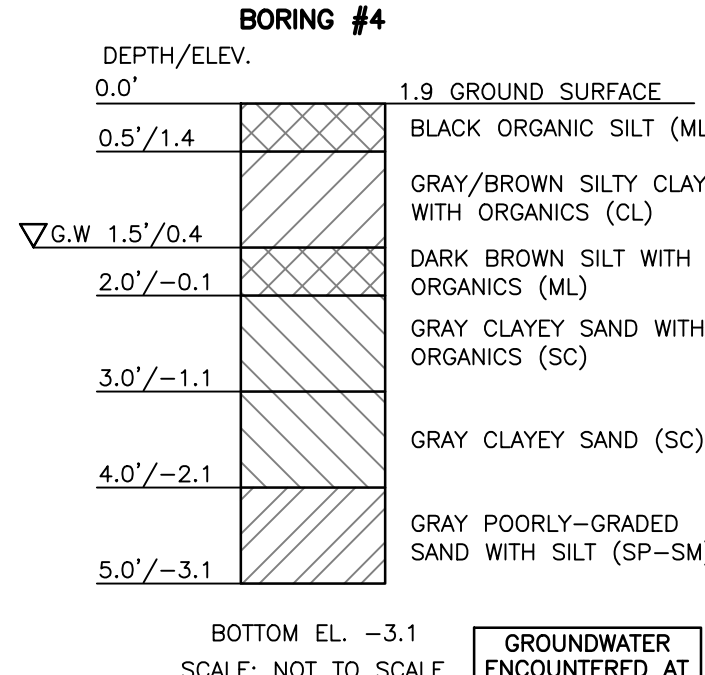
SOIL BORING LOG



SOIL BORING LOG



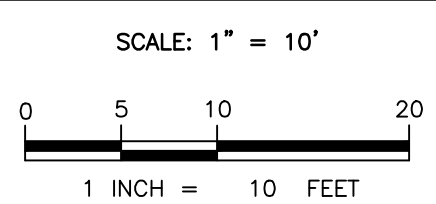
SOIL BORING LOG



EXISTING TREE SURVEY

TREE NUMBER	DBH, IN	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	CONDITION/NOTES
TR 01	3.5	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	POOR, FALLEN, ALIVE
TR 02	7.7	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR, VINES
TR 03 (TBR)	5.4	DV	DIOSPYROS VIRGINIANA	COMMON PERSIMMON	GOOD
TR 04 (TBR)	4, 3.5	MA	MORUS ALBA	WHITE MULBERRY	GOOD, MULTISTEM
TR 05 (TBR)	5.8	MP	MORELLA PENNSYLVANICA	NOTHERN BAYBERRY	GOOD
TR 06 (TBR)	3.6	DV	DIOSPYROS VIRGINIANA	COMMON PERSIMMON	GOOD
TR 07 (TBR)	6.2	DV	DIOSPYROS VIRGINIANA	COMMON PERSIMMON	GOOD
TR 08	10.5	CO	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR, VINES
TR 09	13.6	MA	MORUS ALBA	WHITE MULBERRY	POOR, MULTISTEM 1 - DEAD, LEANING
TR 10	5.5	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR, VINES
TR 11	11.6	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR, VINES 1 - DIEBACK
TR 12	8.0	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR, VINES, LEANING
TR 13	10.5	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR
TR 14	18.5	MA	MORUS ALBA	WHITE MULBERRY	FAIR, VINES
TR 15	9.5	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	FAIR, VINES, UNDER TR 14
TR 40	9.7	JN	JUGLANS NIGRA	BLACK WALNUT	FAIR, VINES, DEAD BRANCHES
TR 41	5.8	LS	LIQUIDAMBAR STYRACIFLUA	SWEET GUM	FAIR, VINES
TR 42	7.5	PC	PYRUS CALLERYANA	BRADFORD PEAR	FAIR, VINES
TR 43	2.7	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR, VINES
TR 44	4.8	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	FAIR, VINES
TR 45	12.5, 11.8	MA	MORUS ALBA	WHITE MULBERRY	FAIR, VINES, TRUNK DAMAGE

EXISTING CONDITIONS & DEMOLITION PLAN



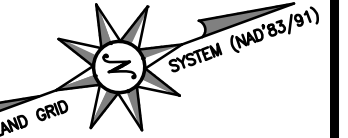
Bayland
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"Integrating Engineering and Environment"

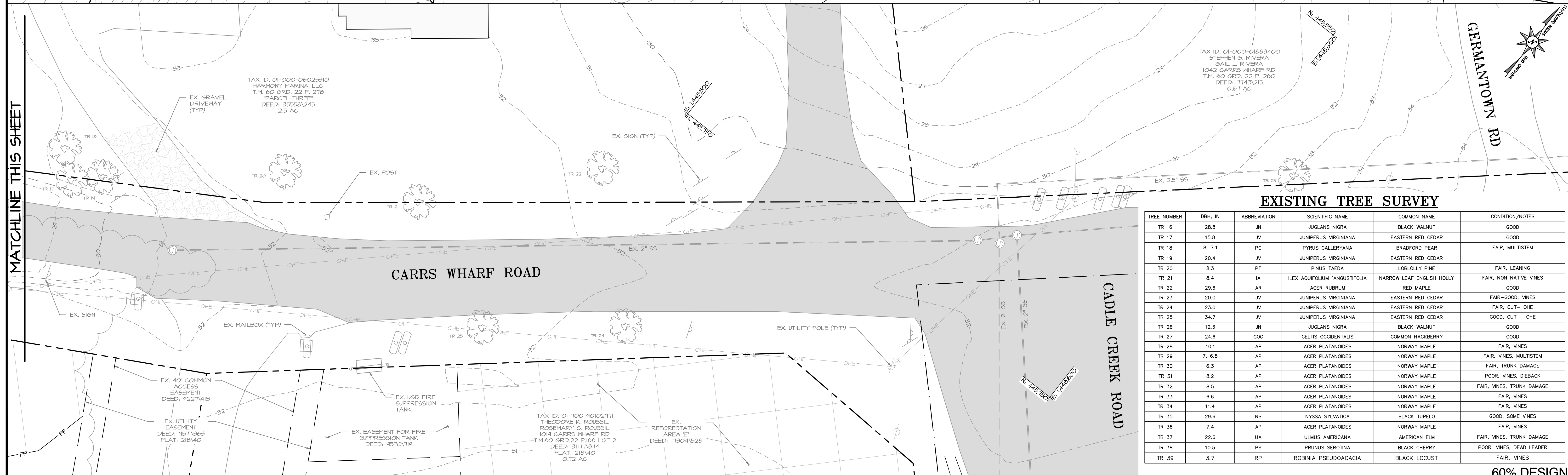
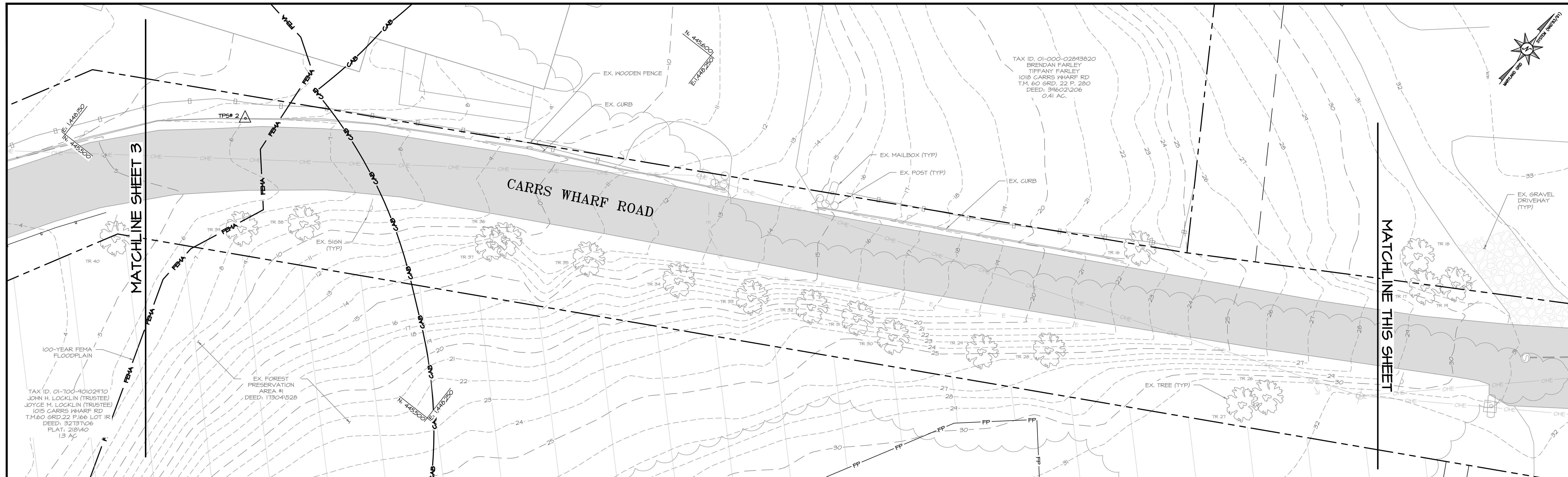
7455 New Ridge Road, Suite T Phone: (410) 694-9401
Hanover, Maryland 21076 Fax: (410) 694-9105
www.baylandinc.com
BAYLAND JOB NO. 5_17703

REVISED		APPROVED		DATE	
DATE	BY	DATE	DATE	DATE	DATE
CHIEF ENGINEER		PROJECT MANAGER		SCALE: 1" = 10'	
APPROVED		APPROVED		DESIGNED BY: MB 5/23/24	
ENGINEER ADMINISTRATOR		CHIEF, RIGHT OF WAY		DRAWN BY: MDB 5/23/24	
				CHECKED BY: MB 5/23/24	
				SHEET NO. 3 OF 12	
				PROJECT NO. 5_17703	
				PROPOSAL NO. P573303	

CARRS WHARF ADA IMPROVEMENTS EXISTING CONDITIONS & DEMOLITION PLAN

60% DESIGN

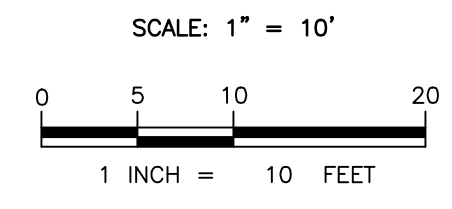




EXISTING TREE SURVEY

TREE NUMBER	DBH, IN	ABBREVIATION	SCIENTIFIC NAME	COMMON NAME	CONDITION/NOTES
TR 16	28.8	JN	JUGLANS NIGRA	BLACK WALNUT	GOOD
TR 17	15.8	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	GOOD
TR 18	8, 7.1	PC	PYRUS CALLERYANA	BRADFORD PEAR	FAIR, MULTISTEM
TR 19	20.4	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	
TR 20	8.3	PT	PINUS TAEDA	LOBLOLLY PINE	FAIR, LEANING
TR 21	8.4	IA	ILEX AQUIFOLIUM 'ANGUSTIFOLIA	NARROW LEAF ENGLISH HOLLY	FAIR, NON NATIVE VINES
TR 22	29.6	AR	ACER RUBRUM	RED MAPLE	GOOD
TR 23	20.0	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	FAIR-GOOD, VINES
TR 24	23.0	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	FAIR, CUT - OHE
TR 25	34.7	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	GOOD, CUT - OHE
TR 26	12.3	JN	JUGLANS NIGRA	BLACK WALNUT	GOOD
TR 27	24.6	COC	CELTIS OCCIDENTALIS	COMMON HACKBERRY	GOOD
TR 28	10.1	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, VINES
TR 29	7, 6.8	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, VINES, MULTISTEM
TR 30	6.3	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, TRUNK DAMAGE
TR 31	8.2	AP	ACER PLATANOIDES	NORWAY MAPLE	POOR, VINES, DIEBACK
TR 32	8.5	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, VINES, TRUNK DAMAGE
TR 33	6.6	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, VINES
TR 34	11.4	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, VINES
TR 35	29.6	NS	NYSSA SYLVATICA	BLACK TUPLO	GOOD, SOME VINES
TR 36	7.4	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, VINES
TR 37	22.6	UA	ULMUS AMERICANA	AMERICAN ELM	FAIR, VINES, TRUNK DAMAGE
TR 38	10.5	PS	PRUNUS SEROTINA	BLACK CHERRY	POOR, VINES, DEAD LEADER
TR 39	3.7	RP	ROBINIA PSEUDOACACIA	BLACK LOCUST	FAIR, VINES

EXISTING CONDITIONS & DEMOLITION PLAN



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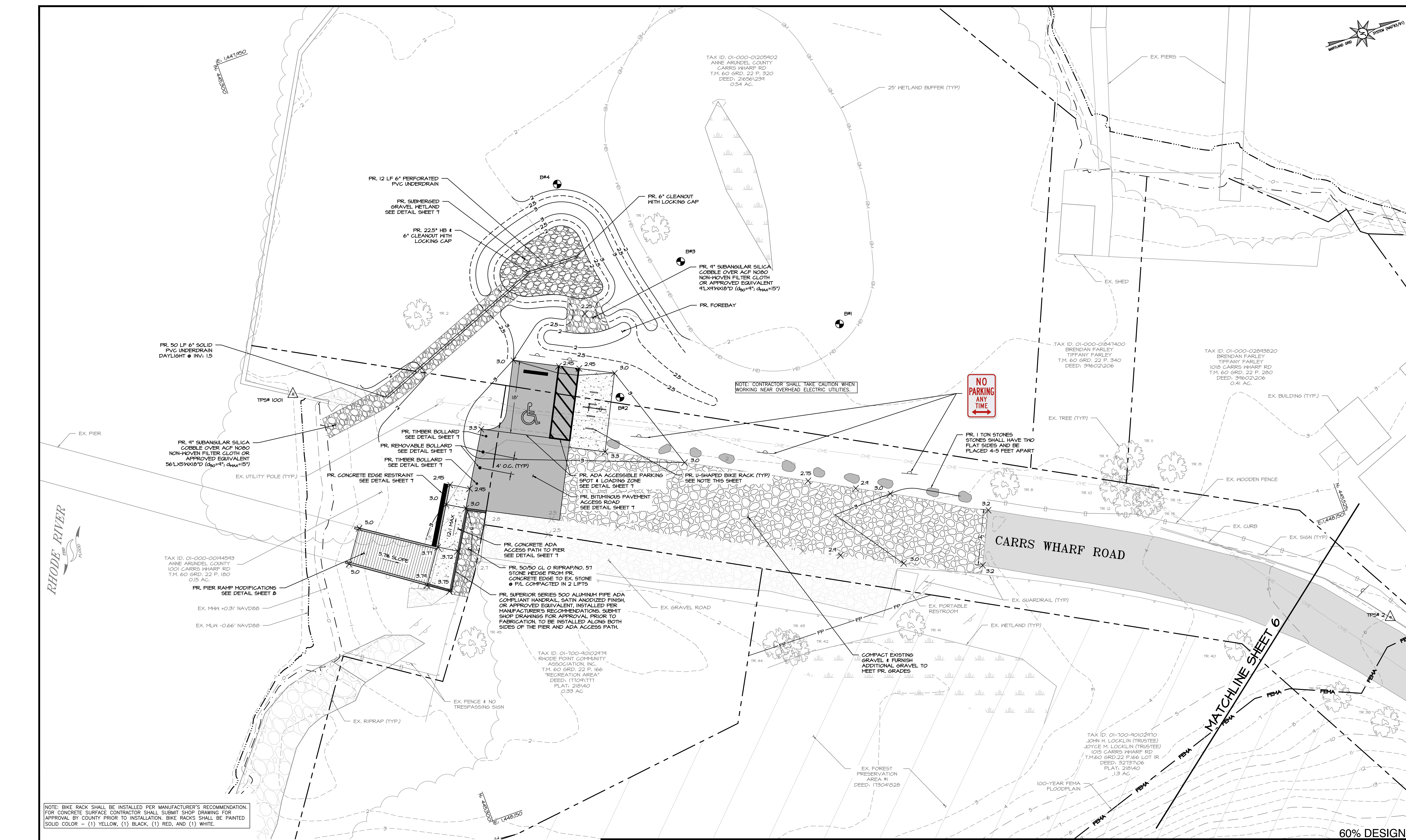
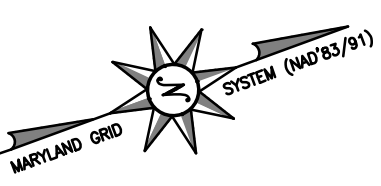
BAYLAND JOB NO. 5_17703

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

REVISOR	DATE	BY	APPROVED	DATE	APPROVED	DATE	SCALE: 1" = 10'
							DESIGNED BY: MB 5/23/24
							DRAWN BY: MDB 5/23/24
							CHECKED BY: MB 5/23/24
							SHEET NO. 4 OF 12
							PROJECT NO. 5_17703
							PROPOSAL NO. P573303

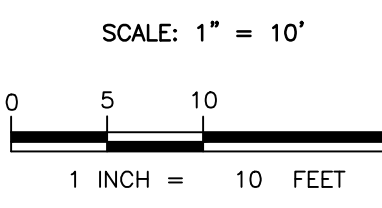
CARRS WHARF ADA IMPROVEMENTS EXISTING CONDITIONS & DEMOLITION PLAN

60% DESIGN



NOTE: BIKE RACK SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATION. FOR CONCRETE SURFACE CONTRACTOR SHALL SUBMIT SHOP DRAWING FOR APPROVAL BY COUNTY PRIOR TO INSTALLATION. BIKE RACKS SHALL BE PAINTED SOLID COLOR - (1) YELLOW, (1) BLACK, (1) RED, AND (1) WHITE.

SITE PLAN



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BAYLAND JOB NO. 5_17703

REVISED		APPROVED		DATE		APPROVED		DATE	
DATE	BY								

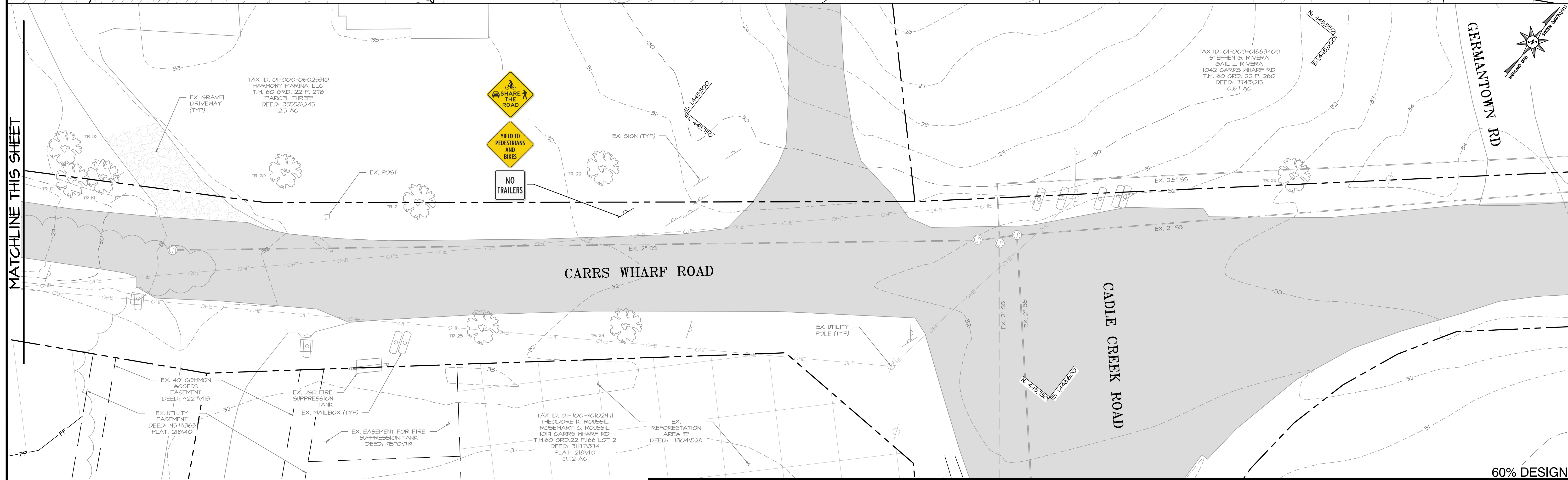
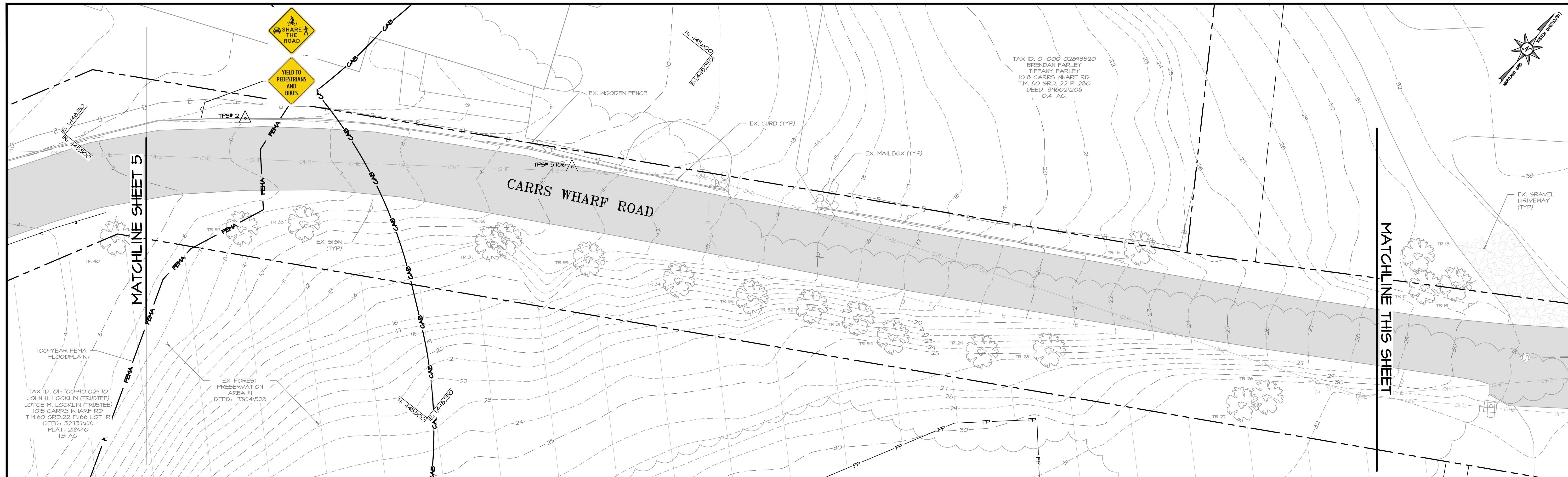
SCALE: 1" = 10'

DESIGNED BY: MB 5/23/24
DRAWN BY: MDB 5/23/24
CHECKED BY: MB 5/23/24
SHEET NO. 5 OF 12
PROJECT NO. 5_17703
PROPOSAL NO. P573303

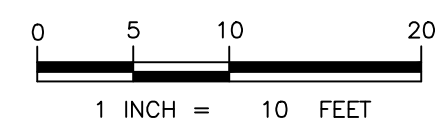
CARRS WHARF ADA IMPROVEMENTS SITE PLAN

60% DESIGN

MATCHLINE SHEET 6



SITE PLAN
SCALE: 1" = 10'



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BAYLAND JOB NO. 5_17703

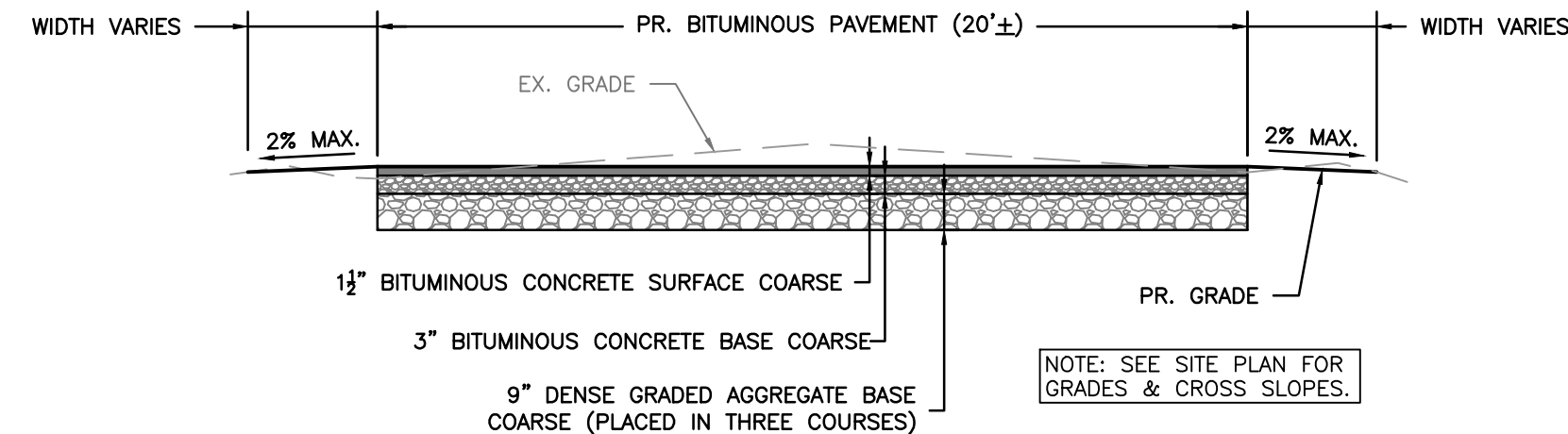
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								DRAWN BY:	MDB 5/23/24
								CHECKED BY:	MB 5/23/24
								SHEET NO.	6 OF 12
								PROJECT NO.	5_17703
								PROPOSAL NO.	P573303

CARRS WHARF ADA IMPROVEMENTS SITE PLAN

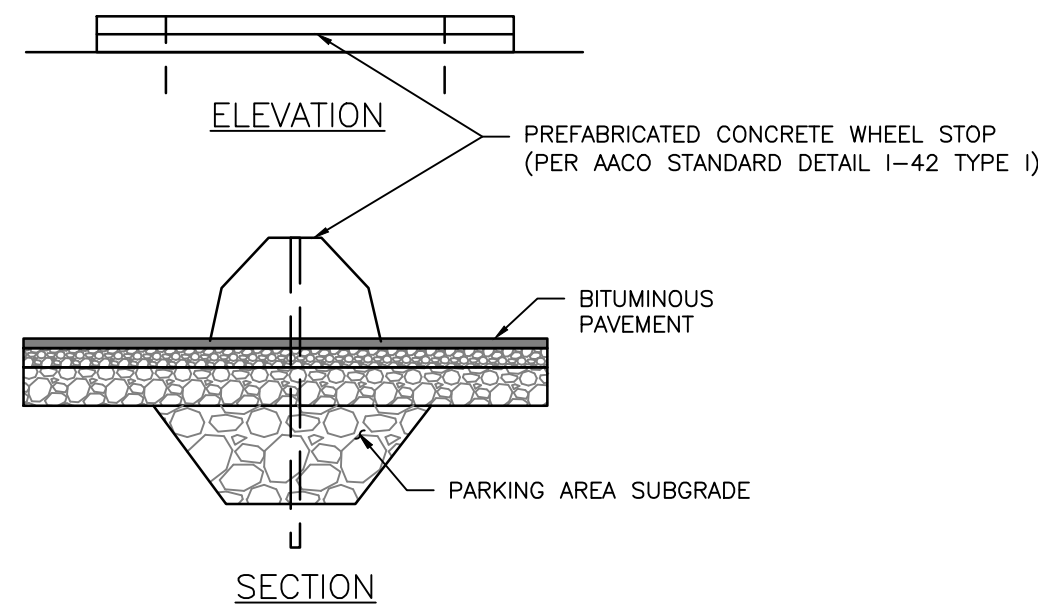
60% DESIGN

**STORMWATER MAINTENANCE SCHEDULE
SUBMERGED GRAVEL WETLAND**

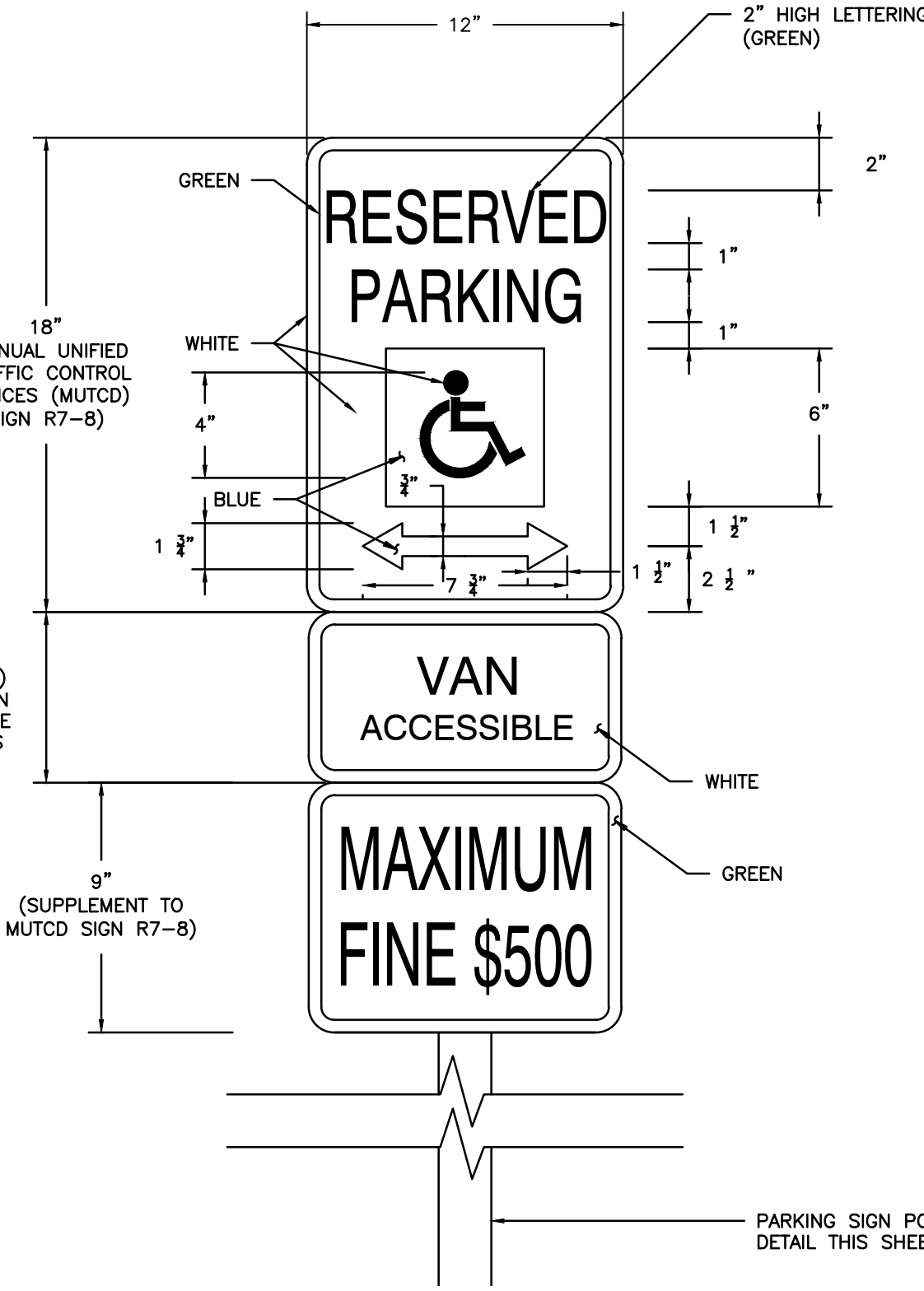
MONTHLY INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Debris and Trash	Check for trash and debris in facility including inlets, outlets, conveyance systems, and area around facility.	Remove all trash and debris in an acceptable manner. Unclog all openings.
Plant Composition and Health	Compare plant composition with approved plans. Check for invasive species or weeds. Check for dead or dying vegetation.	Remove invasive species and weeds. Replace dead plants in accordance with approved landscaping plan.
Vegetative Cover	Check for channelizing, erosion, and bare spots. Check for vegetation blocking inlets and outlet.	Remove or cut back vegetation around inlet and outlet structures. Mow side slopes when grass exceeds 12 inches in height. Remove grass clippings. Re-seed or re-plant in accordance with approved landscaping plans.
Pea Gravel Chimney	Check pea gravel for sediment accumulation and evidence of erosion.	Stabilize or replace pea gravel according to plan specifications.
SEASONAL INSPECTION AND AFTER A MAJOR STORM		
Inspection Item	Inspection Requirements	Remedial Action
Dewatering	Check ponding level. Surface storage must dewater within 48 hours of rainfall. Noticeable odors, stained water on the filter surface or at the outlet, or the presence of algae or aquatic vegetation are indicators of anaerobic conditions and inadequate dewatering of the facility.	Remove and replace top six inches of pea gravel in pea gravel chimney. Confirm adequate dewatering with follow up inspections. If the facility does not function as intended after the above action, the entire system including underdrain may need refurbishing.
Erosion	Check inlets, wetland, outlets, and side slopes for erosion, rills, gullies, and runoff channelization.	Re-grading may be required when concentrated flow causes rills or gully through the facility. Grade, vegetate, and/or armor to provide stable conveyance in accordance with approved plans.
Sediment Accumulation	Check for accumulated sediment in forebay. Check for accumulated sediment in gravel chimneys and wetland area. Check for clogged openings.	When sediment in forebay accumulates to 6 inches in depth, clean out sediment. When sediment in gravel chimneys or wetland area accumulates to 1 inch in depth, remove sediment. Remove sediment from clogged openings. Discharge any sediment-laden water through a filter bag or other dewatering device. Dispose of all sediment in an acceptable location.
Blockages	Check overflow inlet (riser), piping, and underdrain for blockages. Check observation wells for water level.	Clear out any blockages.
ANNUAL INSPECTION		
Inspection Item	Inspection Requirements	Remedial Action
Maintenance Access	Check for accessibility to facility.	Prevent excessive vegetative growth, erosion, and obstructions on access way.
Flow Conveyance System	Check overflow inlet, piping, and bypass for misalignments, breakage, and blockage.	Repair any broken or faulty piping. Clear out any blockages.
Structural Components	Check for evidence of structural deterioration, spalling, or cracking. Inlet and outlet structures as well as riprap outfalls must be in good condition.	Repair to good condition according to specifications on the approved plans.
Overall Function of Facility	Check that practice is functioning as designed.	Repair to good condition according to specifications on the approved plans.



ACCESS ROAD DETAIL
SCALE: NOT TO SCALE

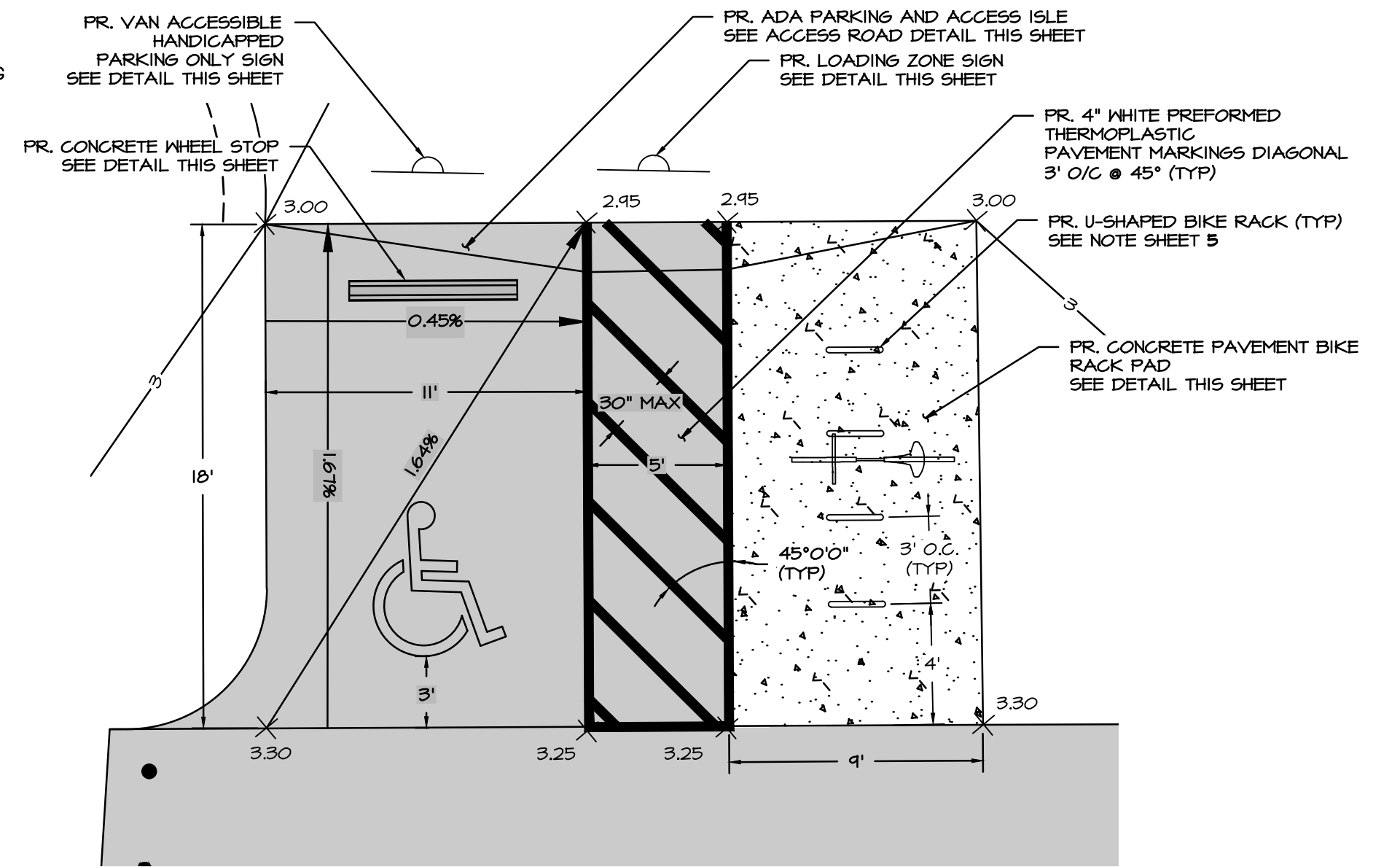


CONCRETE WHEEL STOP
SCALE: NOT TO SCALE



HANDICAP PARKING SIGN
SCALE: NOT TO SCALE

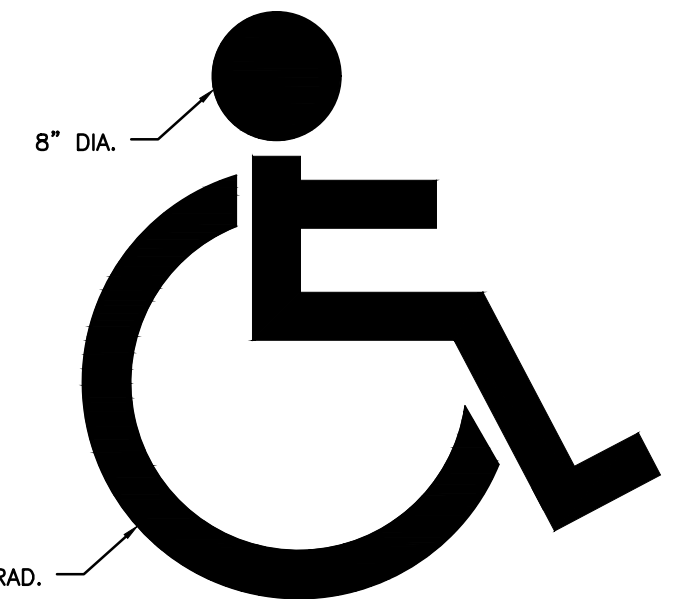
- NOTES:
1. BOTTOM EDGE OF SIGN SHALL BE A MINIMUM OF 6" ABOVE FINISHED GRADE.
 2. CONTRACTOR SHALL INSTALL ONE SIGN PER HANDICAP PARKING SPACE.
 3. SIGN ARE TO BE CENTERED ON STALL WIDTH, FACING PARKING.
 4. ALL SIGNS SHALL HAVE A WHITE BACKGROUND WITH GREEN LETTERING IN ACCORDANCE WITH THE MUTCD AND MARYLAND SHA STANDARDS, LATEST EDITION THEREOF.



HANDICAP PARKING INSET
SCALE: 1" = 5'

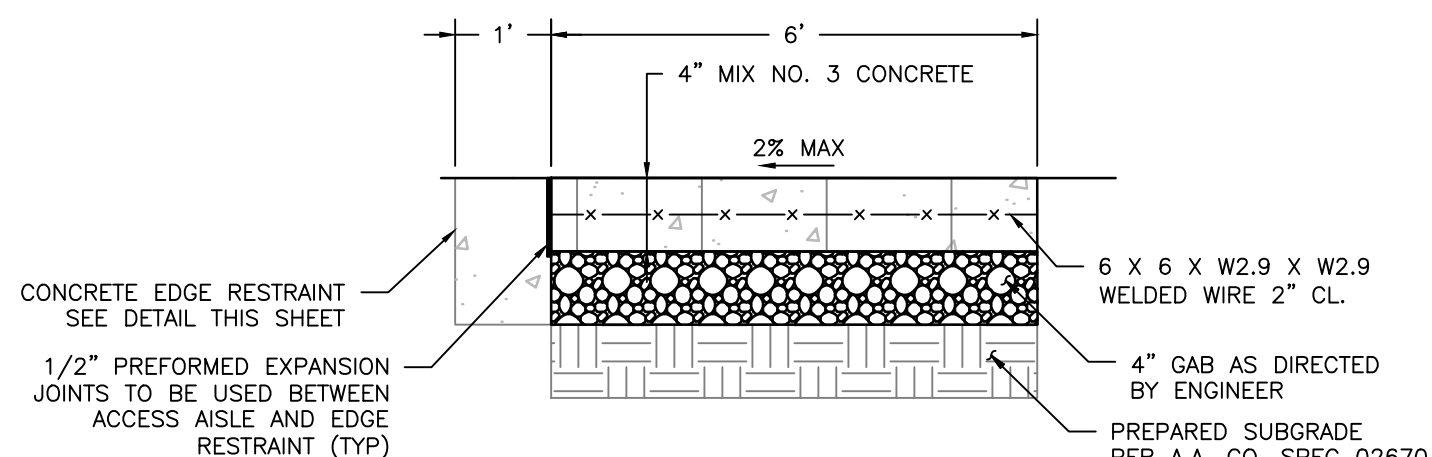
STRIPING SPECIFICATIONS

1. WHITE THERMOPLASTIC STRIPING (4" WIDE) AT ALL PARKING SPACES.
2. WHITE (4" WIDE) THERMOPLASTIC DIAGONAL STRIPING AT NO PARKING AREAS AND ACCESS AISLES SHALL BE A MINIMUM FIVE FEET (5') WIDE FOR PEDESTRIAN ACCESS IN ACCORDANCE WITH APPLICABLE ACCESSIBILITY REQUIREMENTS. THE DIAGONAL STRIPES SHALL BE SPACED 3 FEET ON CENTER @ 45°.
3. APPLY PAVEMENT MARKINGS TO CLEAN DRY PAVEMENT WHEN PAINT, AMBIENT AND SURFACE TEMPERATURE, AND RELATIVE HUMIDITY CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.



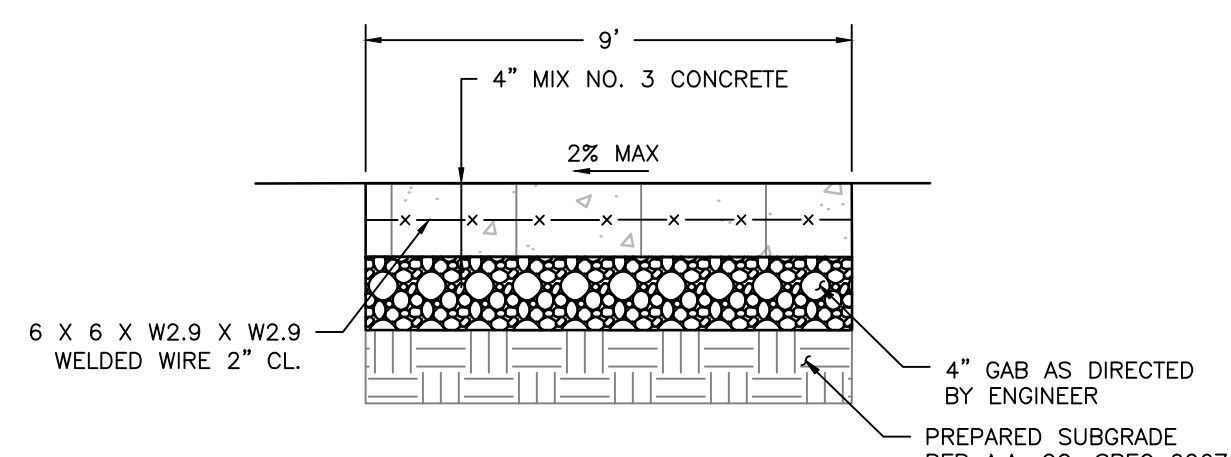
HANDICAP SYMBOL DETAIL
SCALE: NOT TO SCALE

- NOTES:
1. SYMBOL LINES SHALL BE 3" WIDE (MIN.) AND PAINTED ON THE HANDICAPPED SPACE.



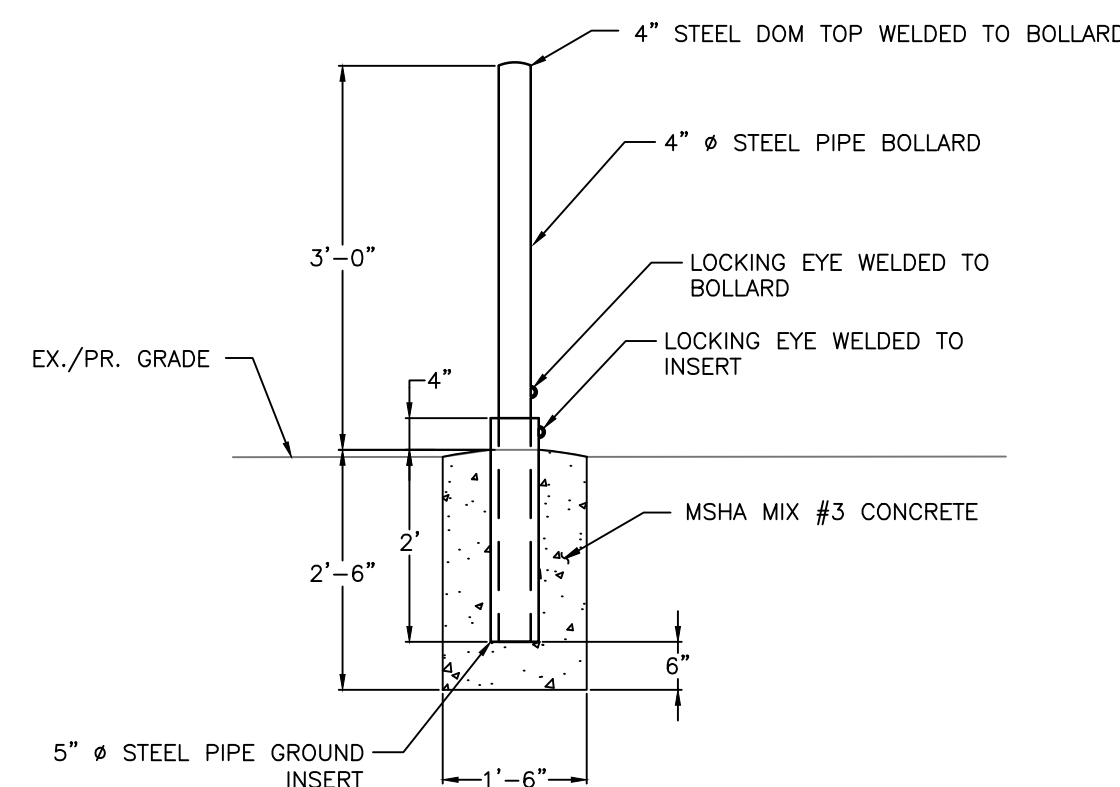
ADA ACCESS PATH DETAIL
SCALE: NOT TO SCALE

- NOTES:
1. PANELS SHALL BE 5' IN LENGTH.
 2. PREFORMED 1/2" EXPANSION JOINTS SHALL BE USED EVERY 15'. 1" DEEP, 3/8" RADIUS CONTROL JOINTS SHALL BE USED EVERY 5'. 1/2" EXPANSION JOINTS SHALL BE USED WHERE EDGE RESTRAINT MEETS ADA ACCESS PATH.



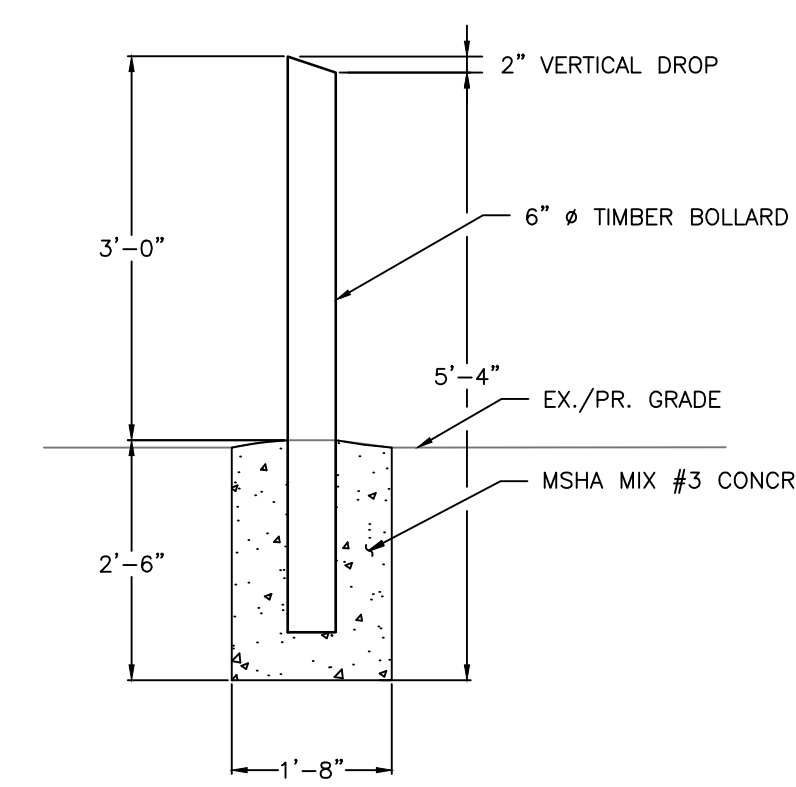
BIKE RACK PAD DETAIL
SCALE: NOT TO SCALE

- NOTES:
1. PANELS SHALL BE 5' IN LENGTH.
 2. PREFORMED 3/8" EXPANSION JOINTS SHALL BE USED EVERY 15'. 1" DEEP, 3/8" RADIUS CONTROL JOINTS SHALL BE USED EVERY 5'.



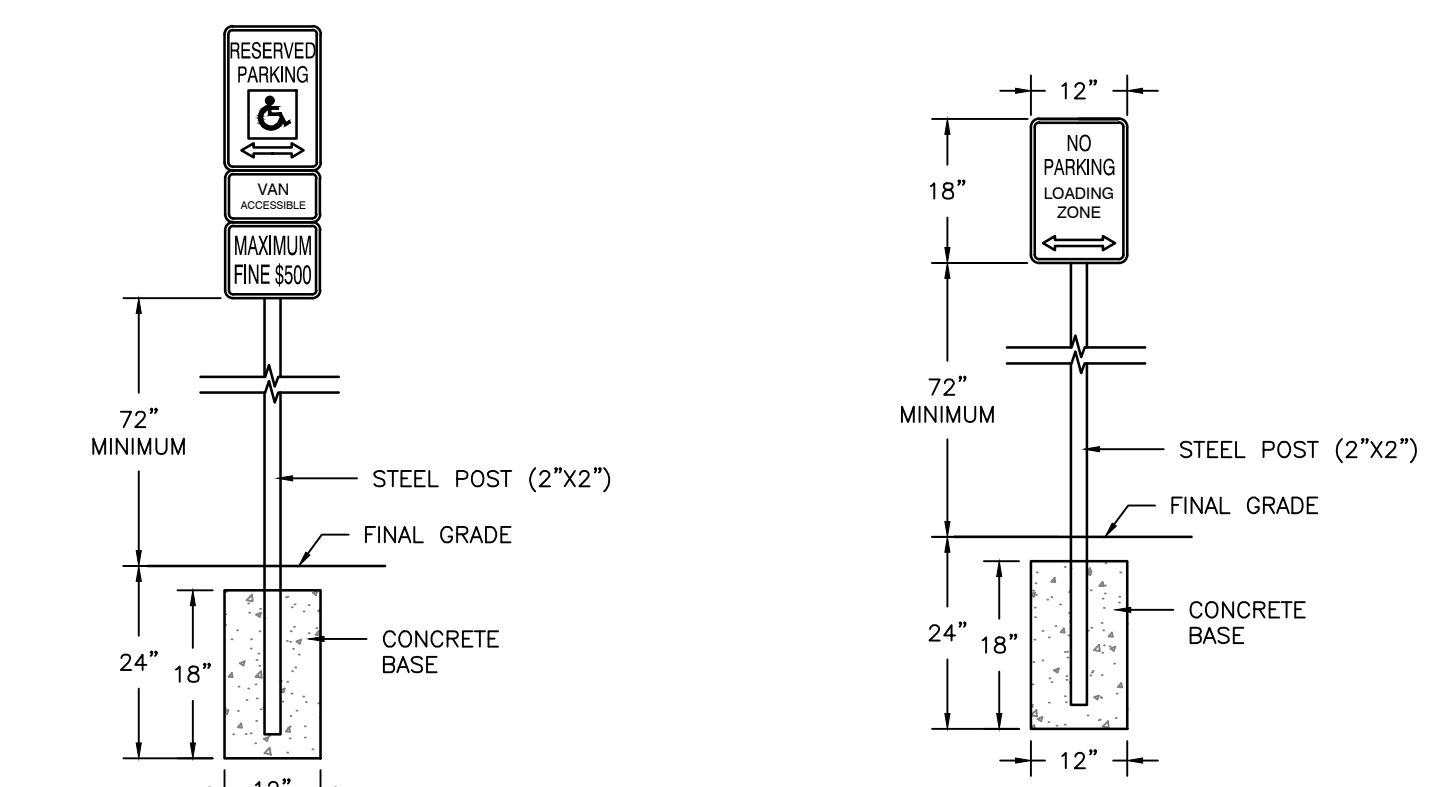
REMOVABLE BOLLARD DETAIL
SCALE: NOT TO SCALE

- NOTES:
1. ALL BOLLARDS SHALL HAVE A MINIMUM OF 32" CLEARANCE BETWEEN ADJACENT BOARDS.
 2. ALL PIPE TO BE STANDARD WEIGHT AS PER AISC MANUAL.
 3. ALL EXPOSED METAL SURFACES SHALL BE PAINTED WITH GALVANIZED PAINT - ONE COAT METAL PRIMER AND TWO COATS GLODDEN GLID-GUARD ALKYD INDUSTRIAL ENAMEL "SAFETY YELLOW" NO. 4540.



TIMBER BOLLARD DETAIL
SCALE: NOT TO SCALE

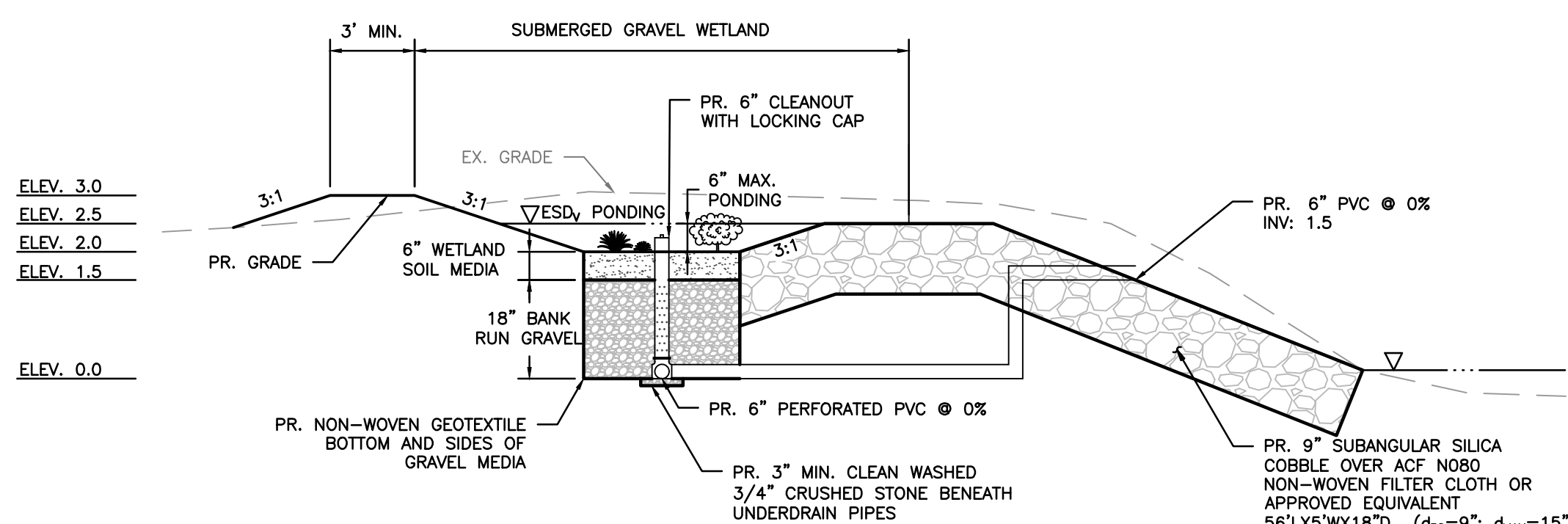
- NOTES:
1. ALL BOLLARDS SHALL HAVE A MINIMUM OF 32" CLEARANCE BETWEEN ADJACENT BOARDS.
 2. TIMBER BOLLARDS SHALL BE PRESSURE TREATED FOR GROUND CONTACT.
 3. TREAT CUT ENDS ON SITE WITH CLEAR PRESERVATIVE SUITABLE FOR PRESSURE TREATED WOOD AND OUTDOOR USE.



PARKING SIGN POST DETAIL
SCALE: NOT TO SCALE

LOADING ZONE SIGN POST DETAIL
SCALE: NOT TO SCALE

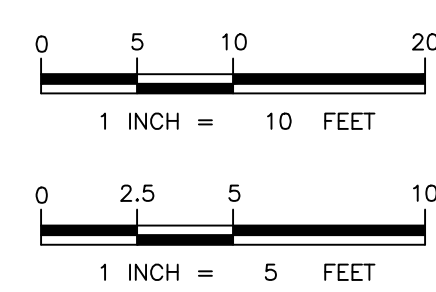
NOTE: SIGN TO BE IN ACCORDANCE WITH MUTCD R7-6



SUBMERGED GRAVEL WETLAND TYPICAL SECTION
SCALE: NOT TO SCALE

MATERIAL SPECIFICATIONS

MATERIAL	SPECIFICATION	NOTES
WETLAND SOIL MEDIA	LOAMY SAND (60-65%) & COMPOST (35-40%)	USDA SOIL TYPE LOAMY SAND OR SANDY LOAM; CLAY CONTENT <5%
BANK RUN GRAVEL	AGGREGATE MEETING ASTM D448, NO. 4, 5, OR 6 STONE	WASHED
FILTER CLOTH	ACF NO80 NON-WOVEN GEOTEXTILE OR APPROVED EQUIVALENT	



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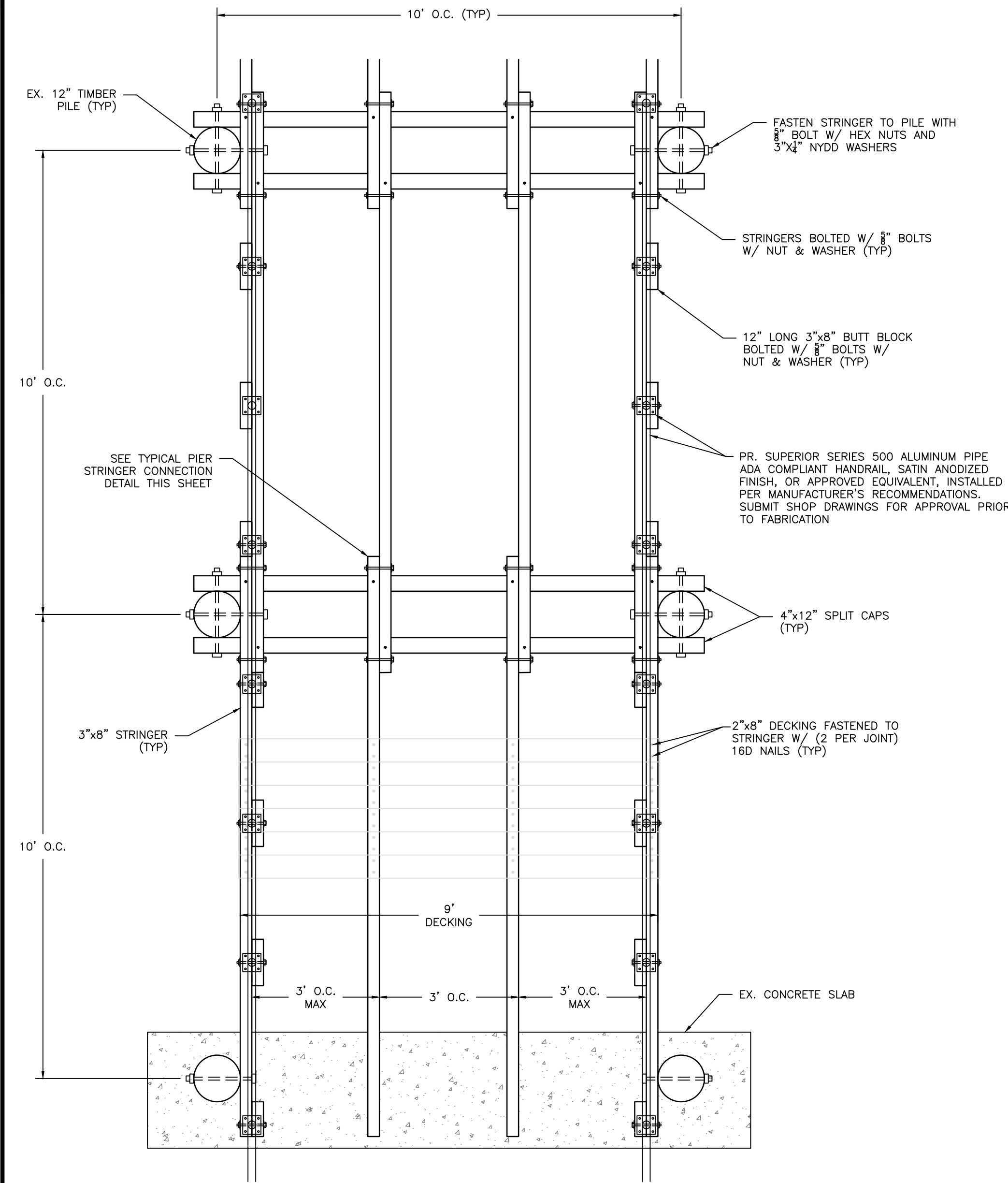
**ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS**

REVISOR	DATE	BY	APPROVED	DATE

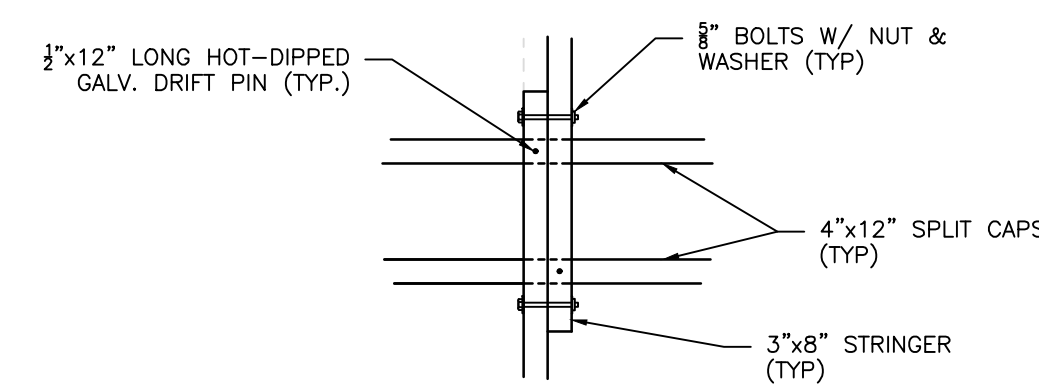
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DRAWN BY: MDB 5/23/24
CHECKED BY: MB 5/23/24
SHEET NO. 7 OF 12
PROJECT NO. 5_17703
PROPOSAL NO. P573303

CARRS WHARF ADA IMPROVEMENTS DETAILS

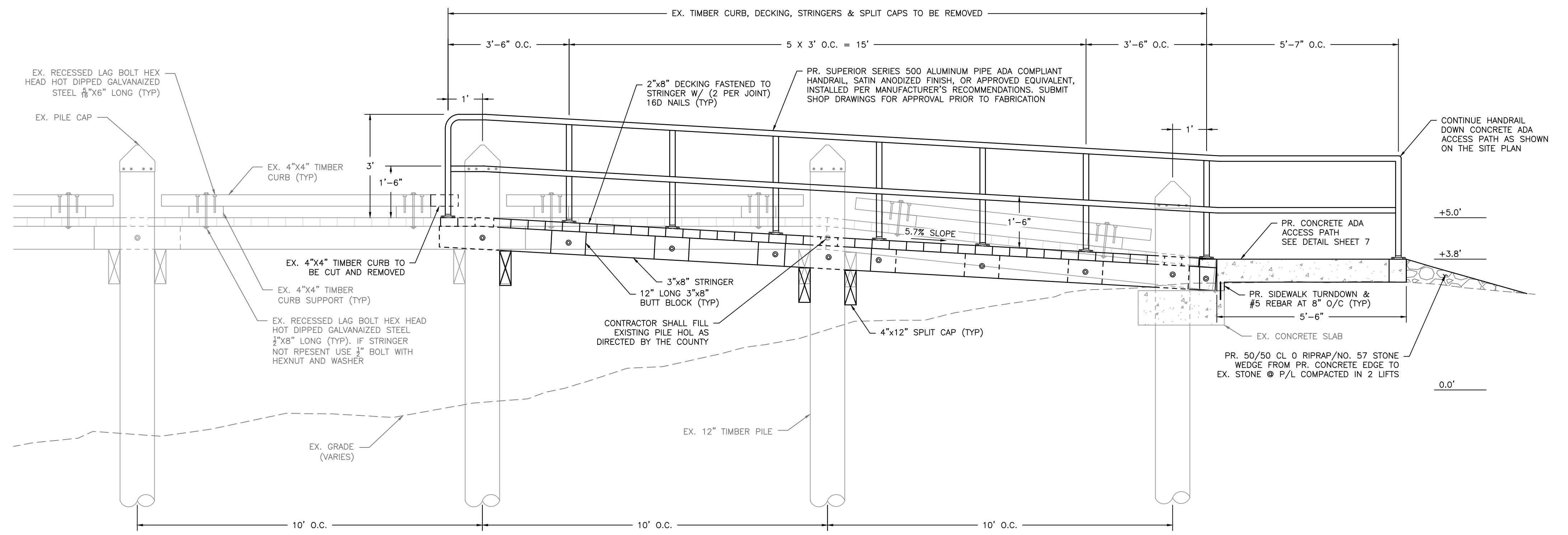
60% DESIGN



FIXED PIER PLAN VIEW
SCALE: 1" = 2'



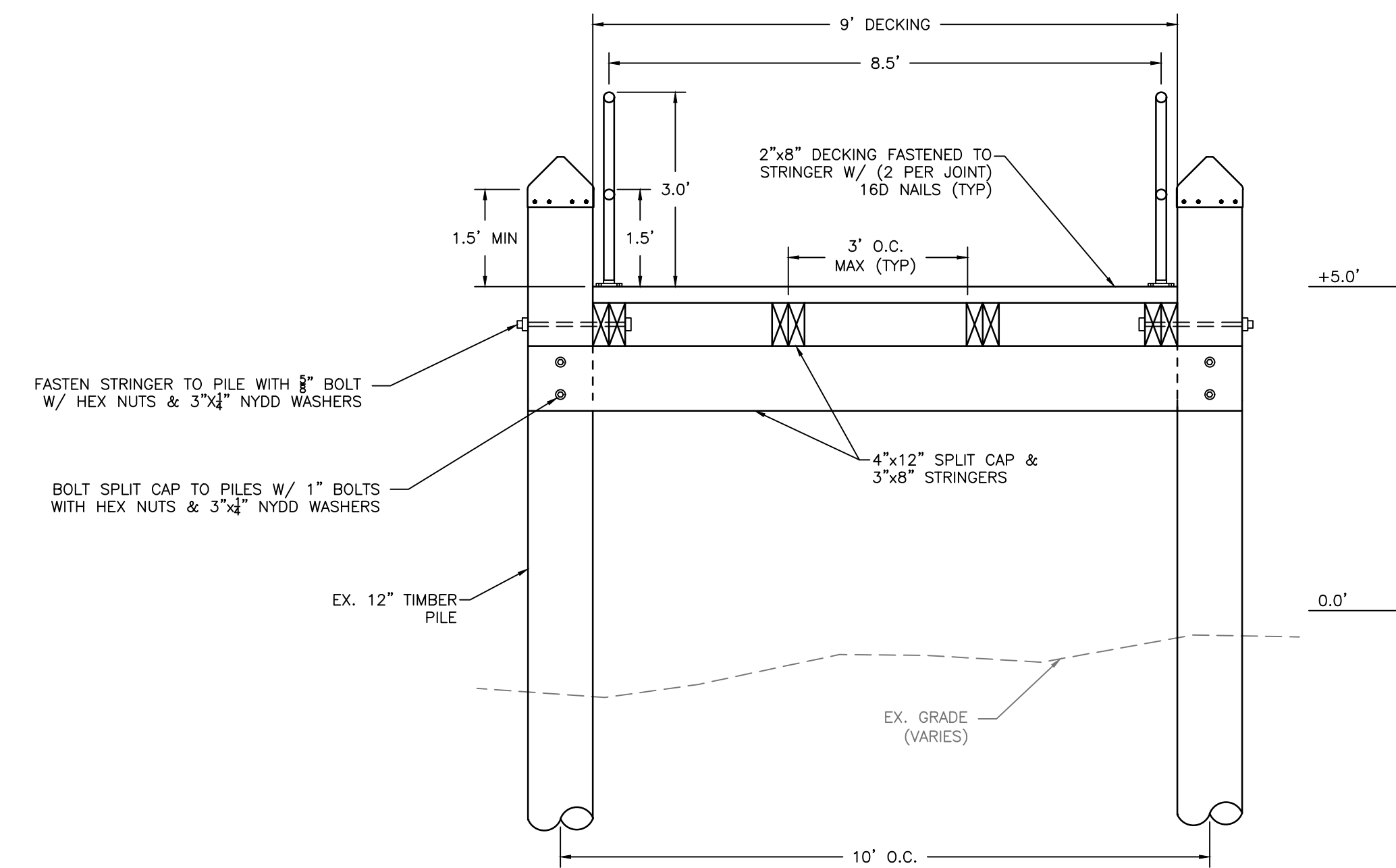
TYPICAL PIER STRINGER CONNECTION DETAIL
SCALE: NOT TO SCALE



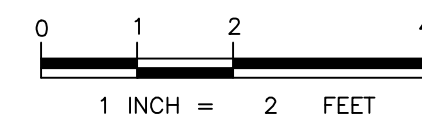
PIER RAMP DETAIL
SCALE: 1" = 2'

NOTES:

1. ANY EXPOSED REBAR SHALL BE PROTECTED FROM CORROSION BY USING A REBAR EPOXY SPRAY, BACK GROUTING, AND FILL HOLES WITH MORTAR, OR OTHER APPROVED METHOD.
2. PRIOR TO ADDITIONS OF NEW CONCRETE TO THE STRUCTURE, ALL EXPOSED CONCRETE SURFACES SHALL BE COATED WITH AN EPOXY POLYSULFIDE JOINT SEALANT.
3. REBAR DOWELS SHALL BE INSTALLED TO TIE THE NEW CONCRETE WITH THE EXISTING STRUCTURE AND SHALL BE COUNTERSUNK A MINIMUM OF 3 INCHES INTO THE EXISTING STRUCTURE.
4. ALL REBAR SHALL BE EPOXYED INTO THE EXISTING STRUCTURE TO FORM A TIGHT FIT.



TYPICAL FIXED PIER RAMP CROSS SECTION
SCALE: 1" = 2'



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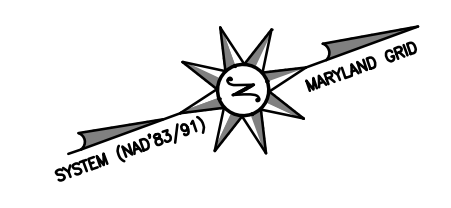
BAYLAND JOB NO. 5_17703

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

REVISD	APPROVED	DATE	APPROVED	DATE	SCALE:	AS SHOWN
DATE	BY				DESIGNED BY:	MB 5/23/24
					DRAWN BY:	MDB 5/23/24
	CHIEF ENGINEER		PROJECT MANAGER		CHECKED BY:	MB 5/23/24
	APPROVED	DATE	APPROVED	DATE	SHEET NO.	8 OF 12
	ENGINEER ADMINISTRATOR		CHIEF, RIGHT OF WAY		PROJECT NO.	5_17703
					PROPOSAL NO.	P573303

CARRS WHARF ADA
IMPROVEMENTS
PIER DETAILS

60% DESIGN



RHODE RIVER

SECTION LINE E1448000

ANNE ARUNDEL COUNTY
1001 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0180
0.15 AC

ANNE ARUNDEL COUNTY
1001 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0320
DEED: 21626/00234
0.15 AC

FARLEY BRENDAN
FARLEY TIFFANY
1018 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0340
DEED: 31602/00206
0.05 AC

HARMONY MARINA LLC
1024 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0353
DEED: 35558/00245
0.14 AC

RHODE POINT COMM ASSOC INC
4022 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 11104/00111
0.39 AC

DRAINAGE AREA #2
0.88 AC

LOCKLIN JOHN H TRUSTEE
LOCKLIN JOYCE M TRUSTEE
1015 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0166
DEED: 32131/00006
1.3 AC

DRAINAGE AREA #1
1.59 AC

KARR DOUGLAS R
KARR DANA M
1018 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0280
DEED: 04042/00258
0.41 AC

HARMONY MARINA LLC
1024 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0278
DEED: 35558/00245
2.11 AC

ORME JOHN A
ORME LORRAIN M
3442 GERMANTOWN RD
T.M. 0060; G. 0022; P. 0382
DEED: 26642/00085
0.36 AC

ROUSSIL THEODORE C
ROUSSIL ROSEMARY C
1014 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0166
DEED: 31111/00314
0.72 AC

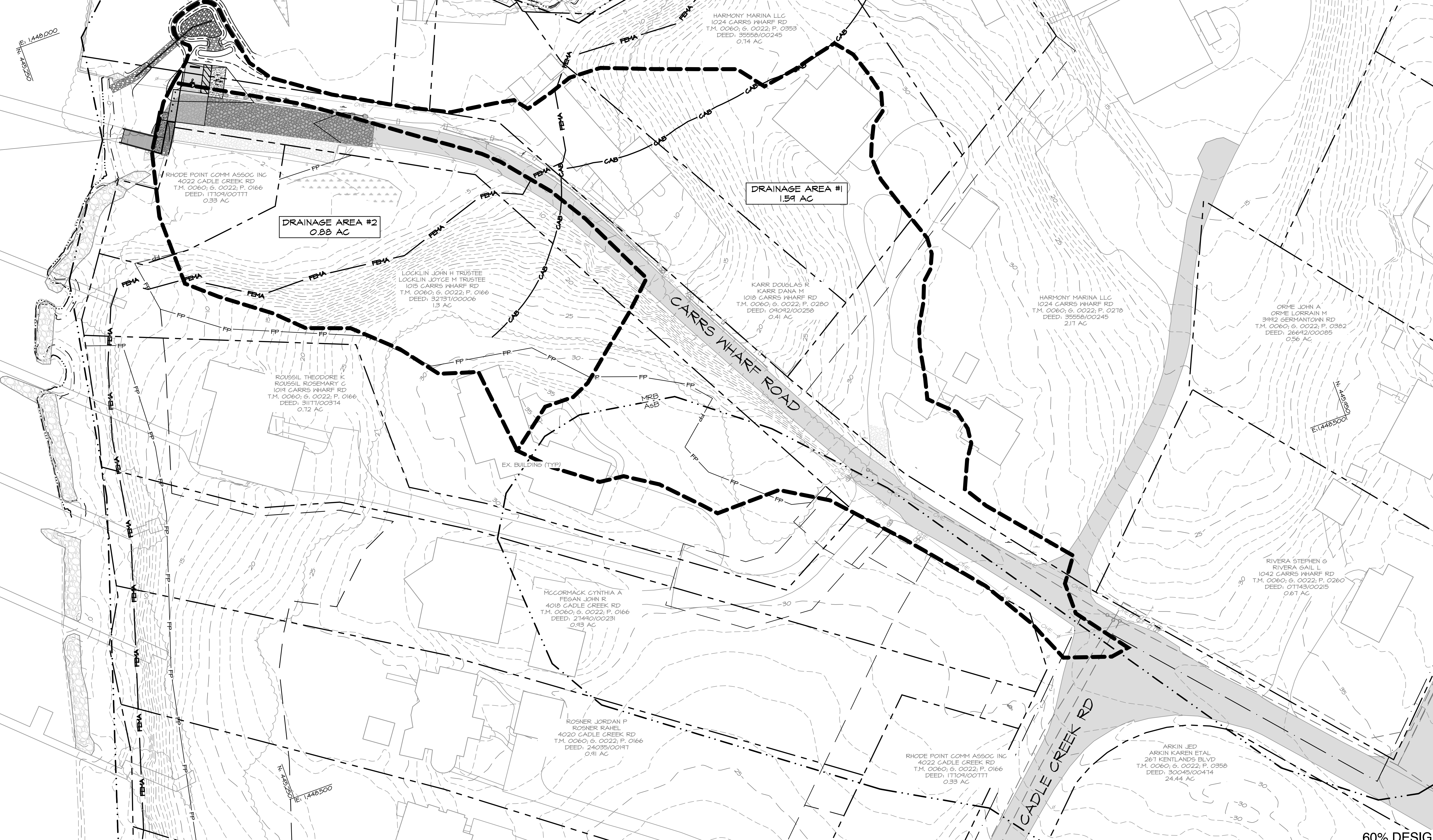
MCCORMACK CYNTHIA A
FEGAN JOHN R
4018 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 21440/00231
0.93 AC

ROSNER JORDAN P
ROSNER RAHEL
4020 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 24035/00191
0.91 AC

RHODE POINT COMM ASSOC INC
4022 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 11104/00111
0.33 AC

ARKIN JED
ARKIN KAREN ETAL
261 KENTLANDS BLVD
T.M. 0060; G. 0022; P. 0358
DEED: 30045/00414
24.44 AC

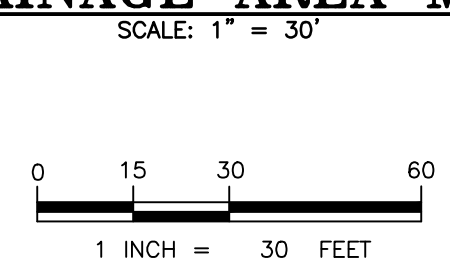
RIVERA STEPHEN G
RIVERA GAIL L
1042 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0260
DEED: 01143/00215
0.67 AC



SOILS CHART

SYMBOL	SOIL	HSG	HES
A&B	ANNAPOLIS FINE SANDY LOAM (SLOPES 2%-5%)	C	NO
MRD	MATAPEAKE AND MATTAPEX SOILS (SLOPES 10%-15%)	C	YES

DRAINAGE AREA MAP



Bayland
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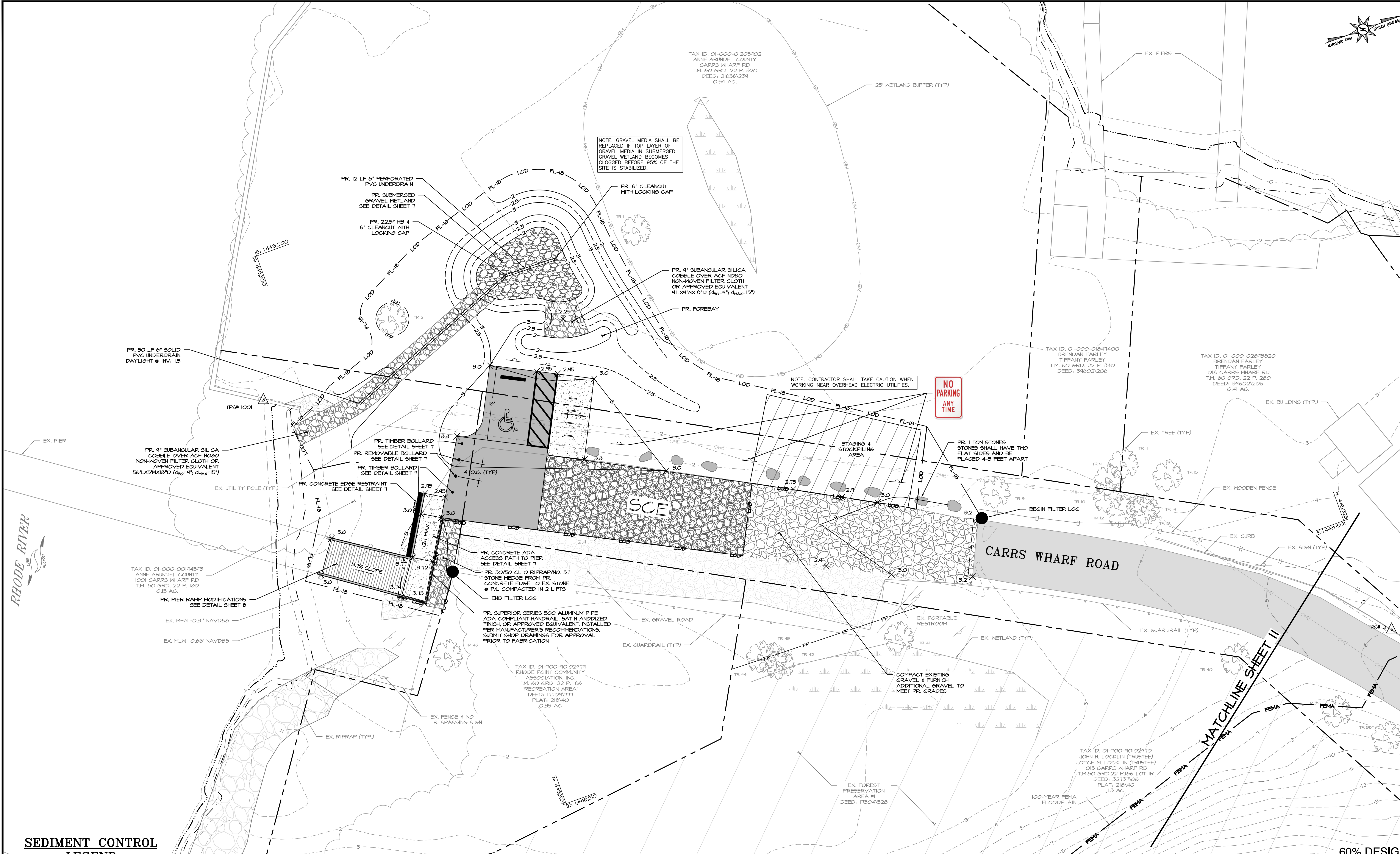
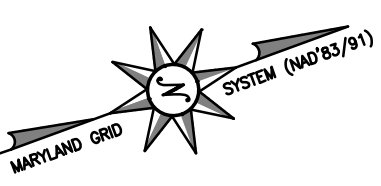
BAYLAND JOB NO. 5_17703

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

REVISOR	DATE	BY	APPROVED	DATE	APPROVED	DATE	SCALE: 1" = 30'
							DESIGNED BY: MB 5/23/24
							DRAWN BY: MDB 5/23/24
							CHECKED BY: MB 5/23/24
							SHEET NO. 9 OF 12
							PROJECT NO. 5_17703
							PROPOSAL NO. P573303

CARRS WHARF ADA IMPROVEMENTS DRAINAGE AREA MAP

60% DESIGN



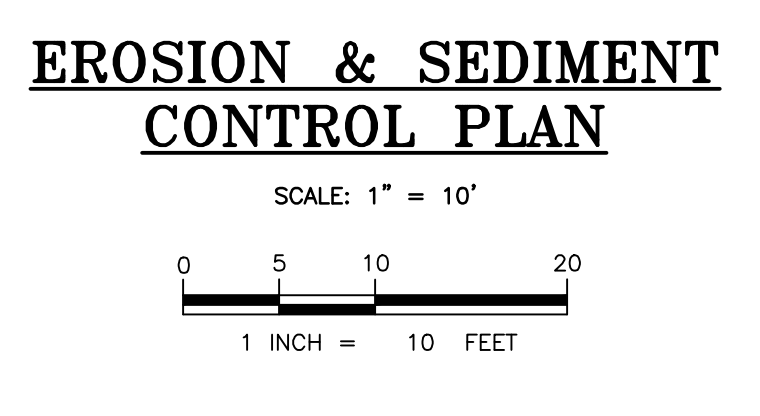
SEDIMENT CONTROL LEGEND

LIMIT OF DISTURBANCE	LOD
TREE PROTECTION FENCE	TPF
LIMIT OF DISTURBANCE/FILTER LOG	LOD FL-10
STAGING & STOCKPILING AREA	[Hatched Pattern]
STABILIZED CONSTRUCTION ENTRANCE	[SCE Pattern]

SUMMARY OF ESC QUANTITIES

STAGING AND STOCKPILING AREA:	780 SF
FILTER LOG:	325 LF
TREE PROTECTION FENCE:	25 LF
STABILIZED CONSTRUCTION ENTRANCE:	1 EA

NOTE: THIS SUMMARY IS NOT INTENDED TO BE USED BY THE CONTRACTOR FOR ESTIMATING AND BIDDING PURPOSES.



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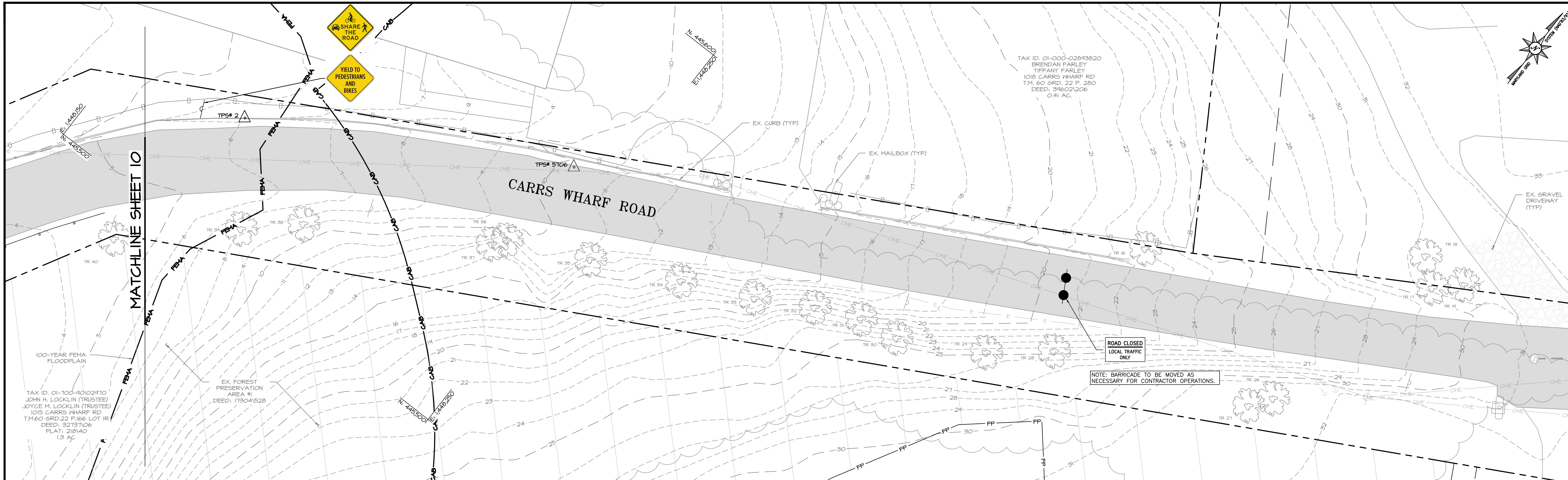
BAYLAND JOB NO. 5-17703

ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS

REVISOR	DATE	BY	APPROVED	DATE	APPROVED	DATE	SCALE: 1" = 10'
							DESIGNED BY: MB 5/23/24
							DRAWN BY: MDB 5/23/24
							CHECKED BY: MB 5/23/24
							SHEET NO. 10 OF 12
							PROJECT NO. 5-17703
							PROPOSAL NO. P573303

CARRS WHARF ADA IMPROVEMENTS EROSION & SEDIMENT CONTROL PLAN

60% DESIGN



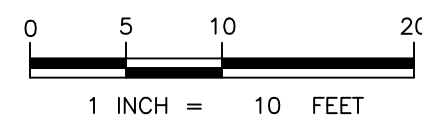
EROSION & SEDIMENT CONTROL PLAN

SCALE: 1" = 10'

SEDIMENT CONTROL LEGEND

LIMIT OF DISTURBANCE ——— LOD ———
 TYPE I BARRICADE ●●●

NOTE: ACCESS TO DRIVEWAYS AND MAILBOXES SHALL BE MAINTAINED AT ALL TIMES UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH THE OWNERS.



60% DESIGN

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ANNE ARUNDEL COUNTY				DEPARTMENT OF PUBLIC WORKS			
REVISED	APPROVED	DATE	APPROVED	DATE	SCALE:	1" = 10'	
DATE	BY				DESIGNED BY:	MB 5/23/24	
					DRAWN BY:	MDB 5/23/24	
	CHIEF ENGINEER		PROJECT MANAGER		CHECKED BY:	MB 5/23/24	
	APPROVED	DATE	APPROVED	DATE	SHEET NO.	11 OF 12	
					PROJECT NO.	5_17703	
	ENGINEER ADMINISTRATOR		CHIEF, RIGHT OF WAY		PROPOSAL NO.	P573303	

**CARRS WHARF ADA
 IMPROVEMENTS
 EROSION & SEDIMENT
 CONTROL PLAN**

