

BEFORE YOU DIG CALL
1-800-257-7777 OR DIAL 811



CARRS WHARF ACCESS ROAD IMPROVEMENTS

ANNE ARUNDEL COUNTY, MARYLAND

PROJECT NO. 5_17702

CONTRACT NO. P573302

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).
- 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 LINES SHOWN ARE BASED ON ANNE ARUNDEL COUNTY 2021 CADASTRAL DATA AND PLAT RECORDS.
- 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 48 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 SWEEP 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...

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. _____



LOCATION MAP

SCALE: 1"=2000'

MAP COPYRIGHT © OPENSTREETMAP (AND) CONTRIBUTORS, CC-BY-SA

LEGEND

TRAVERSE POINT	TPS# 1	EX. WETLANDS
EX. PROPERTY LINE	---	EX. EDGE OF WATER
EX. MAJOR CONTOUR	--- -30---	EX. FIRE HYDRANT
EX. MINOR CONTOUR	--- -20---	EX. MAILBOX
EX. ROAD	---	EX. UTILITY POLE
EX. OVERHEAD ELECTRIC LINE	--- OHE ---	EX. GUY WIRE
EX. FEMA FLOODPLAIN	--- FEMA ---	PR. STORM DRAIN, INLET & MANHOLE
EX. TREELINE	---	PR. RIPRAP
EX. SOIL	--- AS-E ---	PR. MAJOR CONTOUR
EX. TREE	---	PR. MINOR CONTOUR
EX. SIGN	---	PR. ODD CONTOUR
EX. STORM DRAIN, INLET & MANHOLE	EX. 12" SD	PR. CENTERLINE
EX. SEWER & MANHOLE	EX. 12" SS	PR. BORING
EX. WOOD FENCE	---	PR. TREE TO BE REMOVED
EX. GUARDRAIL	---	PR. ROAD IMPROVEMENTS
EX. RIPRAP	---	PR. SIGN
		PR. MAILBOX

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: _____

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 2652 RIVA 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
5. TAX MAP:	60
6. PARCEL:	320
7. DEED REF:	21656/239
8. DISTRICT:	1
9. USE:	EXEMPT
10. PROPERTY AREA:	0.54 ACRES
11. WATERSHED:	WEST RIVER
12. A.A. CO. GRADING PERMIT NO:	_____

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 _____

30% SCHEMATIC DESIGN



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

BAYLAND JOB NO. 5_17702

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

SCALE:	AS SHOWN
DESIGNED BY: MB	12/1/22
DRAWN BY: MDB	12/1/22
CHECKED BY: MB	12/1/22
SHEET NO.	1 OF 7
PROJECT NO.	5_17702
PROPOSAL NO.	P573302

CARRS WHARF
ACCESS ROAD
IMPROVEMENTS
COVER SHEET



SHEETS 3 & 5

SHEETS 4 & 6

RHODE RIVER

CELESTIAL REF: 1448000

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

KARR DOUGLAS R
KARR DANA M
1018 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0340
DEED: 11711/00151
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: 11704/00171
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. 0290
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
3842 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: 31171/00314
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

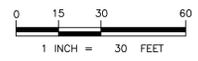
RHODE POINT COMM ASSOC INC
4022 CADLE CREEK RD
T.M. 0060; G. 0022; P. 0166
DEED: 11704/00171
0.39 AC

RIVERA STEPHEN G
RIVERA GAIL L
1042 CARRS WHARF RD
T.M. 0060; G. 0022; P. 0260
DEED: 07143/00215
0.67 AC

EX. BUILDING (TYP)

30% SCHEMATIC DESIGN

KEY SHEET
SCALE: 1" = 30'



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

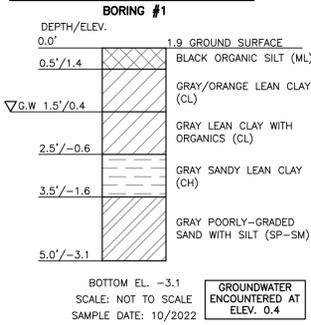
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BAYLAND JOB NO. 5_17702

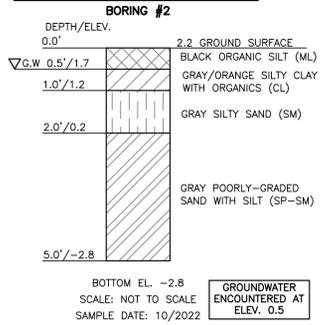
REVISED		APPROVED		DATE		APPROVED		DATE		SCALE: 1" = 30'	
DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DESIGNED BY: MB	12/1/22
										DRAWN BY: MDB	12/1/22
										CHECKED BY: MB	12/1/22
										SHEET NO.	2 OF 7
										PROJECT NO.	5_17702
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CARRS WHARF
ACCESS ROAD
KEY SHEET

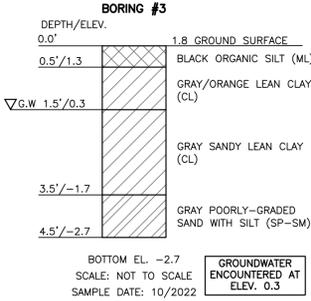
SOIL BORING LOG



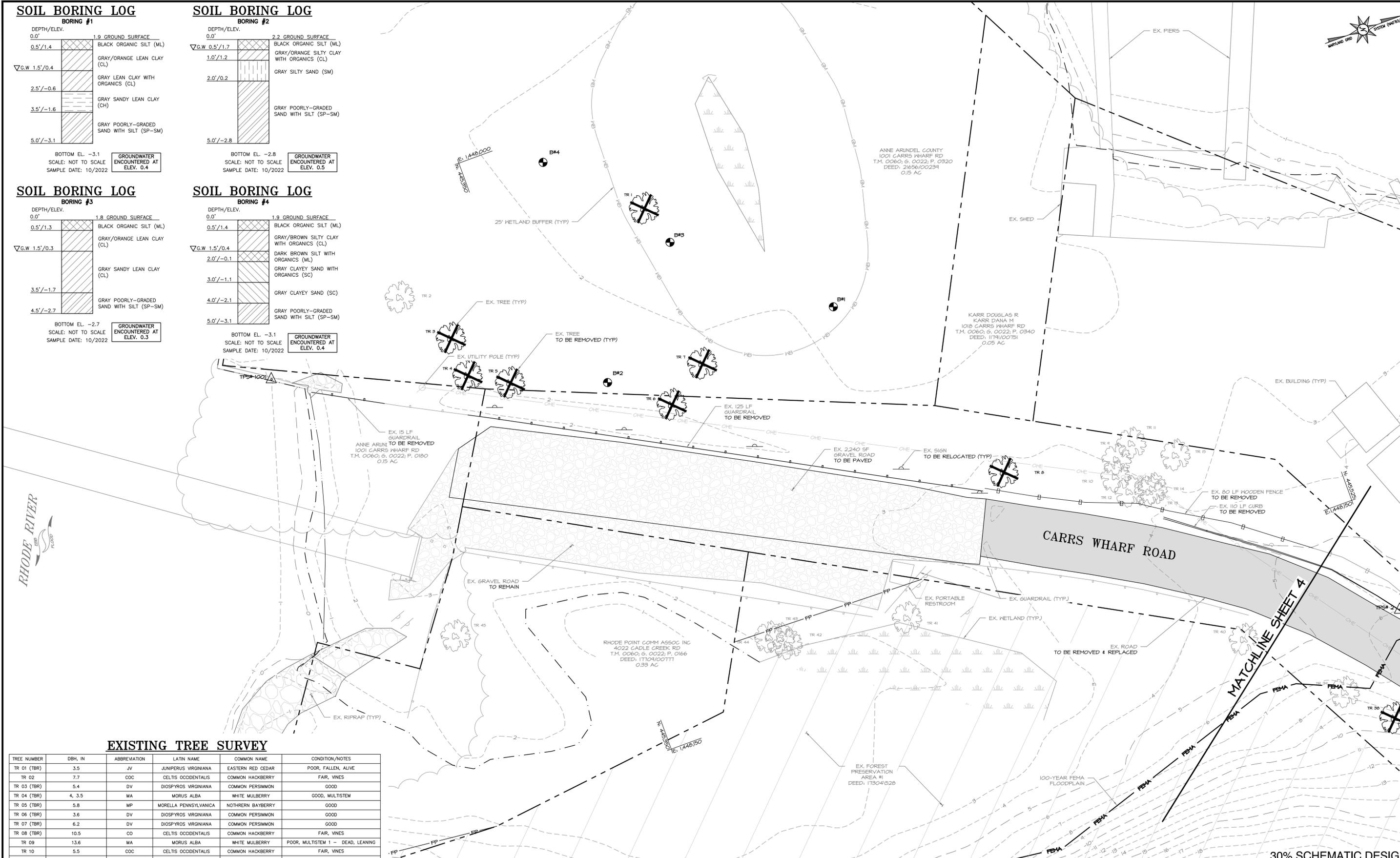
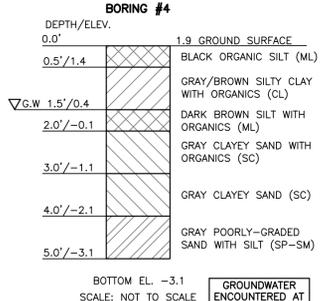
SOIL BORING LOG



SOIL BORING LOG



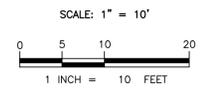
SOIL BORING LOG



EXISTING TREE SURVEY

TREE NUMBER	DBH, IN	ABBREVIATION	LATIN NAME	COMMON NAME	CONDITION/NOTES
TR 01 (TBR)	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 (TBR)	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
Consultants & Designers, Inc.
"Integrating Engineering and Environment"

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BAYLAND JOB NO. 5_17702

ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

REVISOR	DATE	BY	APPROVED	DATE	APPROVED	DATE

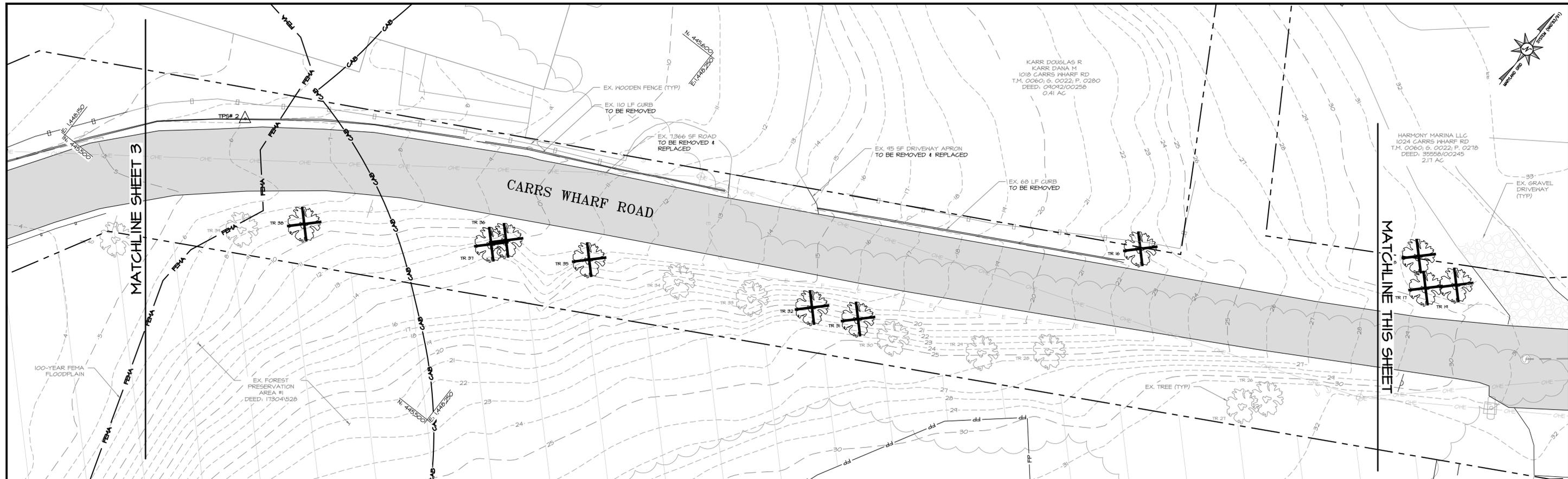
SCALE: 1" = 10'

DESIGNED BY: MB 12/1/22
DRAWN BY: MDB 12/1/22
CHECKED BY: MB 12/1/22
PROJECT NO. 5_17702
PROPOSAL NO. P573302

30% SCHEMATIC DESIGN

CARRS WHARF ACCESS ROAD EXISTING CONDITIONS & DEMOLITION PLAN

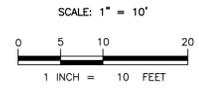




EXISTING TREE SURVEY

TREE NUMBER	DBH, IN	ABBREVIATION	LATIN NAME	COMMON NAME	CONDITION/NOTES
TR 16 (TBR)	28.8	JN	JUGLANS NIGRA	BLACK WALNUT	GOOD
TR 17 (TBR)	15.8	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	GOOD
TR 18 (TBR)	8, 7.1	PC	PYRUS CALLERYANA	BRADFORD PEAR	FAIR, MULTISTEM
TR 19 (TBR)	20.4	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	GOOD
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 (TBR)	8.2	AP	ACER PLATANOIDES	NORWAY MAPLE	POOR, VINES, DIEBACK
TR 32 (TBR)	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 (TBR)	29.6	NS	NYSSA SYLVATICA	BLACK TUPELO	GOOD, SOME VINES
TR 36 (TBR)	7.4	AP	ACER PLATANOIDES	NORWAY MAPLE	FAIR, VINES
TR 37 (TBR)	22.6	UA	ULMUS AMERICANA	AMERICAN ELM	FAIR, VINES, TRUNK DAMAGE
TR 38 (TBR)	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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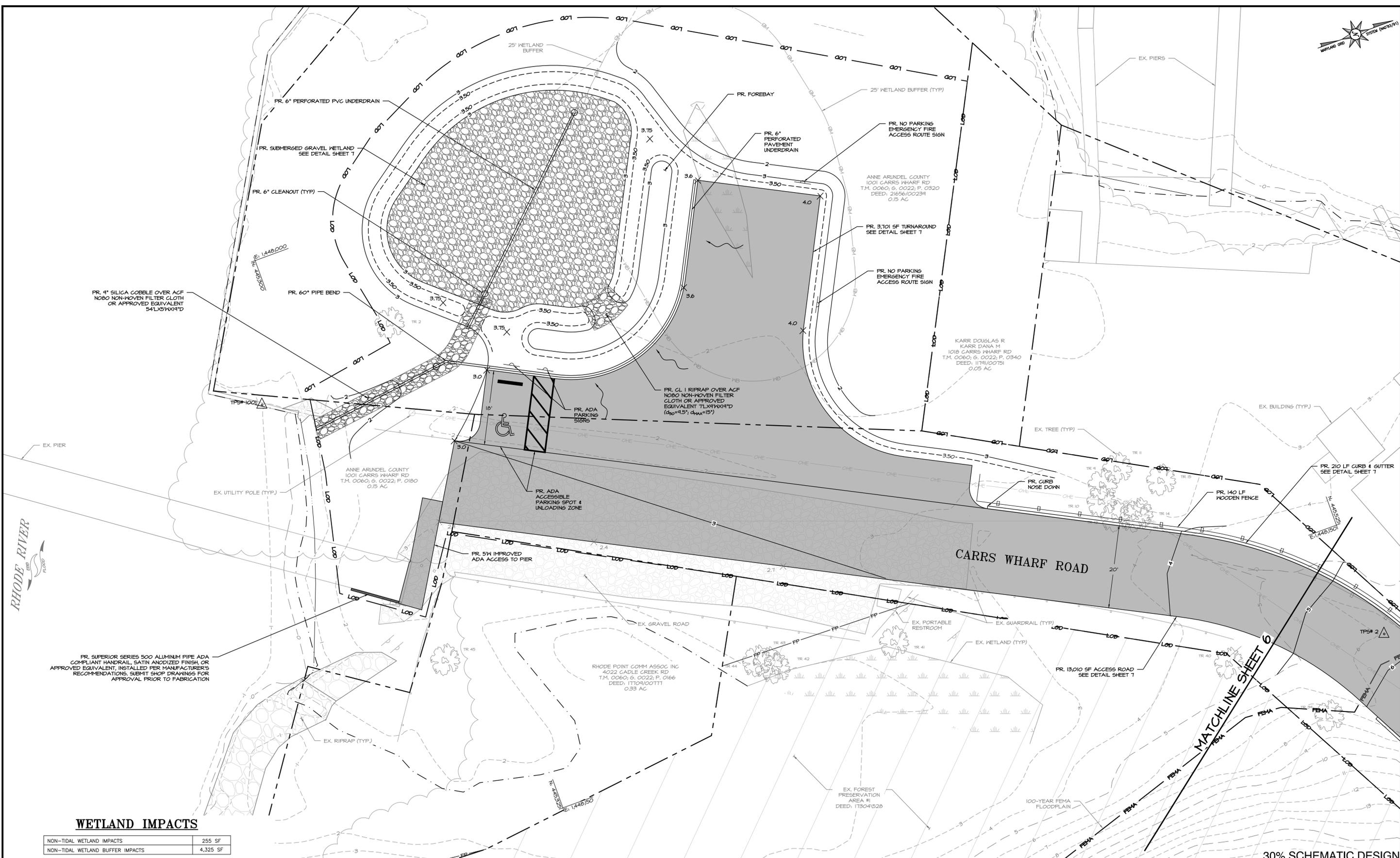
BAYLAND JOB NO. 5-17702

**ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS**

REVISED DATE	BY	APPROVED DATE	APPROVED DATE	SCALE: 1" = 10'
				DESIGNED BY: MB 12/1/22
				DRAWN BY: MDB 12/1/22
				CHECKED BY: MB 12/1/22
				SHEET NO. 4 OF 7
				PROJECT NO. 5-17702
				PROPOSAL NO. P573302

30% SCHEMATIC DESIGN

**CARRS WHARF
ACCESS ROAD
EXISTING CONDITIONS
& DEMOLITION PLAN**



30% SCHEMATIC DESIGN

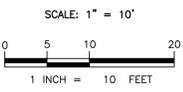
WETLAND IMPACTS

NON-TIDAL WETLAND IMPACTS	255 SF
NON-TIDAL WETLAND BUFFER IMPACTS	4,325 SF

CRITICAL AREA MITIGATION REQUIRED

BUFFER MODIFICATION AREA	
LOT COVERAGE MITIGATION	14,350 SF
CANOPY LOSS MITIGATION	2,050 SF
OUTSIDE BUFFER MODIFICATION AREA	
LOT COVERAGE MITIGATION	2,100 SF
CANOPY LOSS MITIGATION	1,900 SF
PROJECT TOTAL MITIGATION REQUIRED	20,400 SF

SITE PLAN



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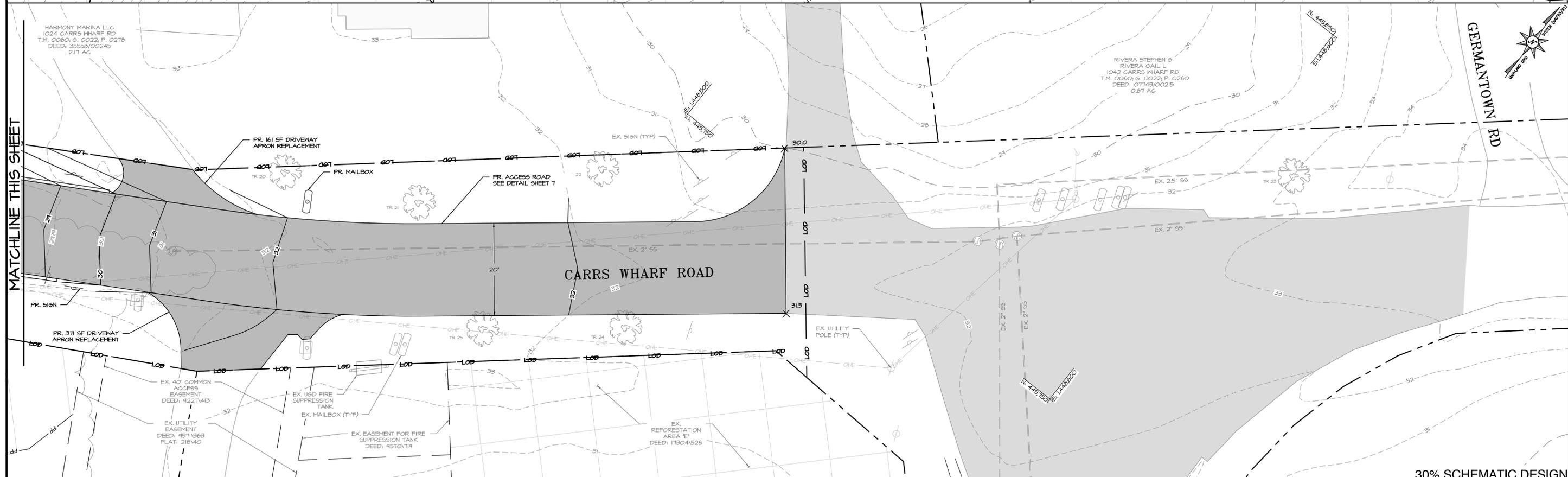
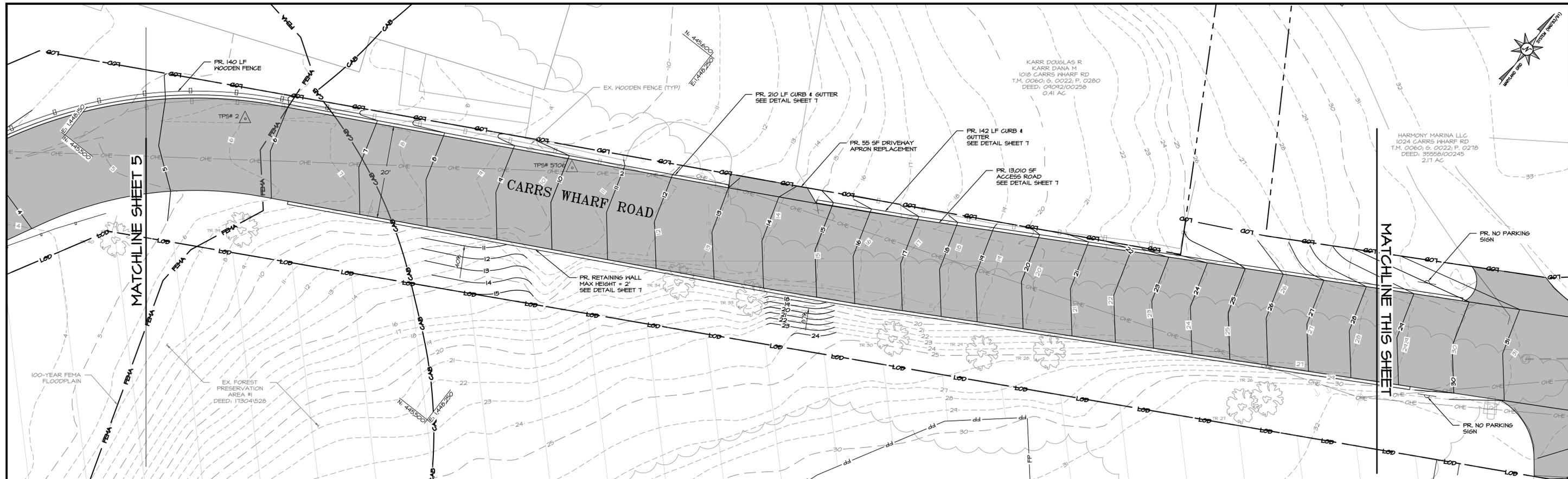
BAYLAND JOB NO. 5_17702

REVISED		APPROVED		DATE		APPROVED		DATE	

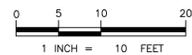
ANNE ARUNDEL COUNTY
DEPARTMENT OF PUBLIC WORKS

SCALE:	1" = 10'
DESIGNED BY:	MB 12/1/22
DRAWN BY:	MDB 12/1/22
CHECKED BY:	MB 12/1/22
SHEET NO.	5 OF 7
PROJECT NO.	5_17702
PROPOSAL NO.	P573302

CARRS WHARF ACCESS ROAD SITE PLAN



SITE PLAN
SCALE: 1" = 10'



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BAYLAND JOB NO. 5_17702

REVISED DATE	BY	APPROVED DATE	APPROVED DATE	SCALE: 1" = 10'
				DESIGNED BY: MB 12/1/22
				DRAWN BY: MDB 12/1/22
				CHECKED BY: MB 12/1/22
				SHEET NO. 6 OF 7
				PROJECT NO. 5_17702
				PROPOSAL NO. P573302

**CARRS WHARF
ACCESS ROAD
SITE PLAN**

