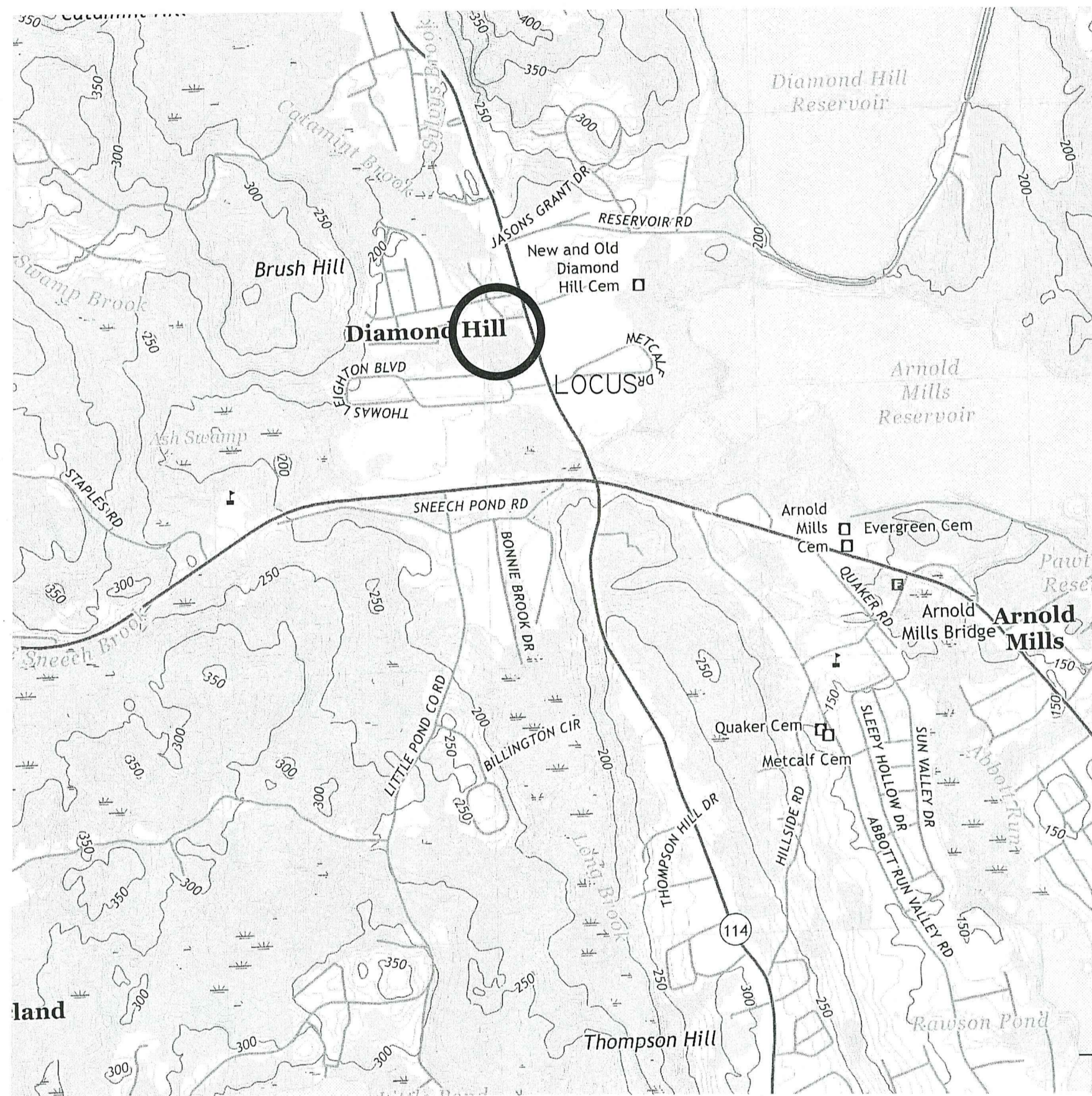


Master/Preliminary Plan: Major Subdivision of "MENARD ESTATES" in Cumberland, RI 02864

TOWN CLERK USE ONLY



LOCATION MAP
NOT TO SCALE

DATE: June 11, 2021
REV DATE: September 13, 2022

INDEX OF DRAWINGS

SHEET NUMBER	DESCRIPTION
1.	COVER SHEET
2.	EXISTING CONDITIONS
3.	LOTING SHEET
4.	TOPOGRAPHIC PLAN
5.	PLAN & PROFILE
6.	DETAIL SHEET (1 OF 1)
7.	EROSION CONTROL PLAN
8.	LANDSCAPE PLAN

NOTES:

- LOT SHOWN IS DESIGNATED AS LOT 5 ON CUMBERLAND ASSESSORS MAP 42
- ZONING DISTRICT: RESIDENTIAL ONE HOUSE - LOW DENSITY "R-1"
- OWNER OF RECORD: - HALEYS LLC
44 AUSTIN DRIVE
CUMBERLAND, RI 02864
BOOK 1844 PAGE 108
- WETLAND DELINEATED AND LOCATED VIA GPS BY NATURAL RESOURCE SERVICES. WETLAND AND RIVERFRONT FLAGS APPROVED BY WITH RIDEM.
- SITE IS LOCATED IN FEMA FLOOD ZONE X (AREA OF MINIMAL FLOOD HAZARD) AS SHOWN ON FIRM PANEL 44007C 0185 G EFFECTIVE ON MARCH 2, 2009.
- ELEVATIONS BASED ON NAD83 RI STATE PLANE & ARE BASED ON RI STATE PLANE COORDINATES.
- SITE LIES WITHIN NATURAL HERITAGE AREA AND PUBLIC DRINKING WATER SUPPLY WATERSHED.

DIMENSIONAL ZONING REQUIREMENTS:

RESIDENTIAL - ONE HOUSE - LOW DENSITY "R-1"	
WITH PUBLIC WATER AND NO SEWER	
MINIMUM AREA	= 40,000 S.F.
MINIMUM FRONTAGE	= 100'
MINIMUM FRONT YARD SETBACK	= 25'
MINIMUM SIDE YARD SETBACK	= 10'
MINIMUM REAR YARD SETBACK	= 25'
MAXIMUM BUILDING HEIGHT	= 35'
MAXIMUM % COVERAGE	= 20%

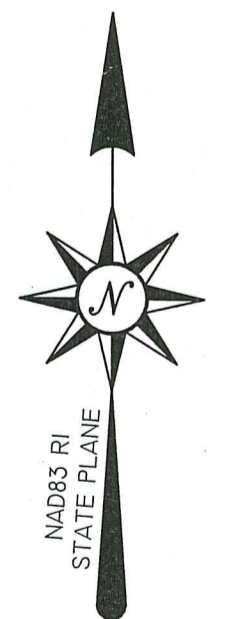
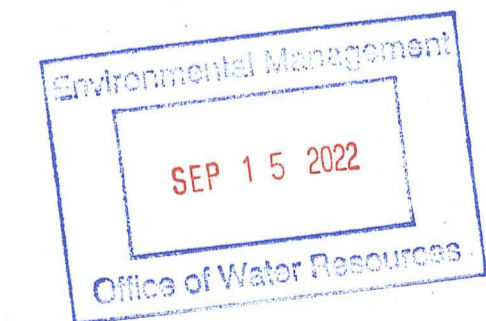
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site



SITE MAP
SCALE 1"= 150'



SUBJECT TO A COVENANT DULY EXECUTED DATED THE _____ DAY OF _____, RUNNING WITH THE LAND, TO BE DULY RECORDED BY OR FOR THE OWNER OF RECORD, THIS PLAN IS SUBJECT TO ALL CONDITIONS OF THE CUMBERLAND PLANNING BOARD CERTIFICATE OF ACTION DATED _____ FILED WITH THE CUMBERLAND TOWN CLERK ON _____ AND HEREWITH RECORDED AS A PART OF THIS PLAN.

I HEREBY CERTIFY THAT THERE HAS BEEN NO APPEAL TAKEN TO THIS PLANNING BOARD ACTION DURING THE 20 DAY STATUTORY APPEAL PERIOD.
DATE: _____
TOWN CLERK, TOWN OF CUMBERLAND _____

REVISION	DATE	COMMENTS
0	APRIL 22, 2021	MASTER SUBDIVISION
1	MAY 10, 2021	TOWN COMMENTS
2	MAY 13, 2021	TOWN COMMENTS
3	JULY 2, 2021	MASTER PLAN
4	SEPT. 10, 2021	MASTER PLAN (PAVERS)
5	NOV. 5, 2021	MASTER/PRELIMINARY PLAN
6	JAN. 14, 2022	MASTER/PRELIMINARY PLAN - (PW COMMENTS)
7	FEB. 17, 2022	MASTER/PRELIMINARY PLAN-(SIDEWALK & DEM)
8	JULY 1, 2022	MASTER/PRELIMINARY PLAN-(DEM COMMENTS)
9	SEPT. 13, 2022	MASTER/PRELIMINARY PLAN-(DEM COMMENTS)

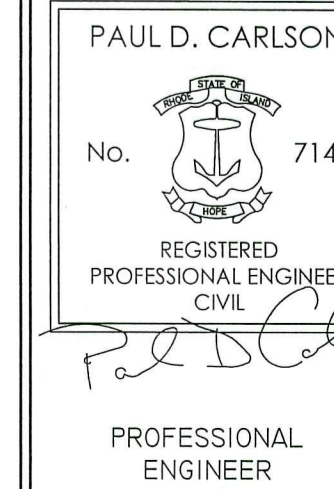
CUMBERLAND PLANNING BOARD
APPROVED UNDER SUBDIVISION CONTROL LAW

"I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE RHODE ISLAND BOARD OF REGISTRATION OF PROFESSIONAL LAND SURVEYORS STANDARDS

"I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS." THE CERTIFICATION SHOWN HEREON IS INTENDED TO MEET REGISTRY OF DEEDS REQUIREMENTS AND IS NOT A CERTIFICATION TO THE TITLE OR OWNERSHIP OF THE LAND SHOWN.

"I HEREBY CERTIFY THAT THE ACTUAL SURVEY WAS MADE ON THE GROUND IN ACCORDANCE WITH TOWN OF CUMBERLAND PLANNING BOARD AND STATE STANDARDS.

Marc N. Nyberg
PROFESSIONAL LAND SURVEYOR
DATE: 09/13/2022



COVER SHEET

"MENARD ESTATES"
3650 DIAMOND HILL ROAD, CUMBERLAND RI, 02864
ASSESSORS MAP 42 LOT 5

APPLICANT: HALEYS LLC
44 AUSTIN DRIVE, CUMBERLAND, RI 02864

JOB # 20-034	SCALE: AS SHOWN	DRAWN BY: CEA	DATE: JUNE 11, 2021
-----------------	--------------------	------------------	------------------------

REVISED: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

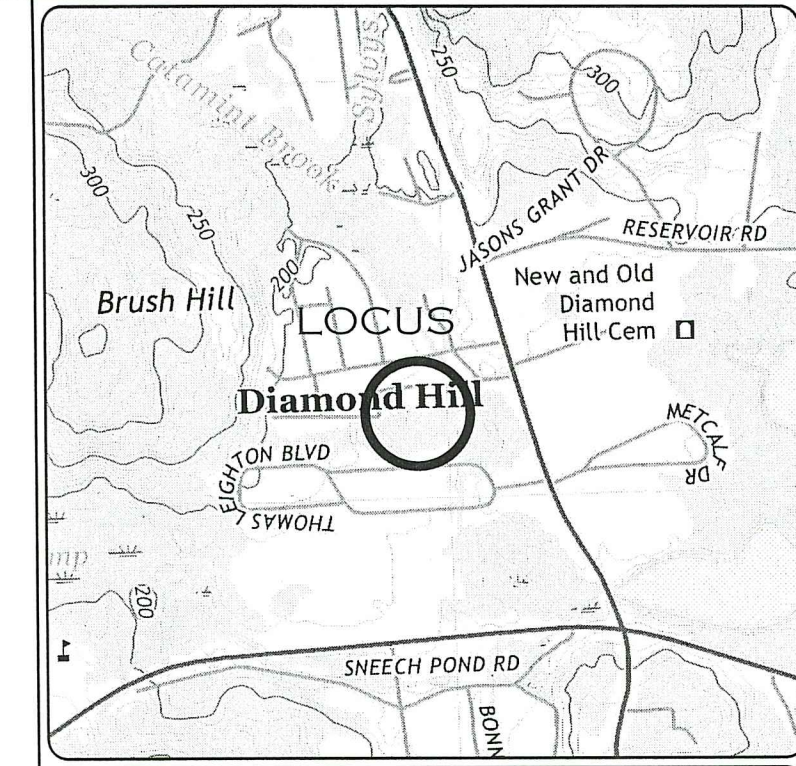
PROFESSIONAL SEAL

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InSite Professional Complex, Suite 1
 1539 Fall River Avenue Seekonk, MA 02771
 Phone: (508) 336-4500 Fax: (508) 336-4558
 Web Address: InSiteEngineers.com

SHEET
1
OF 8

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NOTES:

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- ZONING DISTRICT: RESIDENTIAL ONE HOUSE - LOW DENSITY "R-1"
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DIMENSIONAL ZONING REQUIREMENTS:

RESIDENTIAL - ONE HOUSE - LOW DENSITY "R-1"

WITH PUBLIC WATER AND NO SEWER

MINIMUM AREA	= 40,000 S.F.
MINIMUM FRONTAGE	= 100'
MINIMUM FRONT YARD SETBACK	= 25'
MINIMUM SIDE YARD SETBACK	= 10'
MINIMUM REAR YARD SETBACK	= 25'
MAXIMUM BUILDING HEIGHT	= 35'
MAXIMUM % COVERAGE	= 20%

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM**

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: NOV 18 2022 FILE #: 22-0146
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

CERTIFICATION:

THE CERTIFICATION SHOWN HEREON IS INTENDED TO MEET REGISTRY OF DEEDS REQUIREMENTS AND IS NOT A CERTIFICATION TO THE TITLE OR OWNERSHIP OF THE LAND SHOWN.

Marc Nyberg
MARC NYBERG, PLS REGISTERED PROFESSIONAL LAND SURVEYOR 09/13/2022 DATE
RHODE ISLAND PLS NO: 1797 RHODE ISLAND C.O.A. NO.: LS.0004468.COA

SUBJECT TO A COVENANT DULY EXECUTED DATED THE _____ DAY OF _____, RUNNING WITH THE LAND, TO BE DULY RECORDED BY OR FOR THE OWNER OF RECORD. THIS PLAN IS SUBJECT TO ALL CONDITIONS OF THE CUMBERLAND PLANNING BOARD CERTIFICATE OF ACTION DATED _____ FILED WITH THE CUMBERLAND TOWN CLERK ON _____ AND HEREWITH RECORDED AS A PART OF THIS PLAN.

I HEREBY CERTIFY THAT THERE HAS BEEN NO APPEAL TAKEN TO THIS PLANNING BOARD ACTION DURING THE 20 DAY STATUTORY APPEAL PERIOD.
DATE: _____

TOWN CLERK, TOWN OF CUMBERLAND _____

CUMBERLAND PLANNING BOARD
APPROVED UNDER SUBDIVISION CONTROL LAW

GRAPHIC SCALE
1 INCH = 50 FEET

LEGEND

- EXISTING BOUND
- PROPOSED BOUND
- IRON ROD
- DRILL HOLE
- WETLAND FLAGS
- TEST PITS
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE TO DRAIN

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM**

NOTE PER DEM:
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EXISTING CONDITIONS PLAN

"MENARD ESTATES"
3650 DIAMOND HILL ROAD, CUMBERLAND RI, 02864
ASSESSORS MAP 42 LOT 5

APPLICANT: HALEYS LLC
44 AUSTIN DRIVE, CUMBERLAND, RI 02864

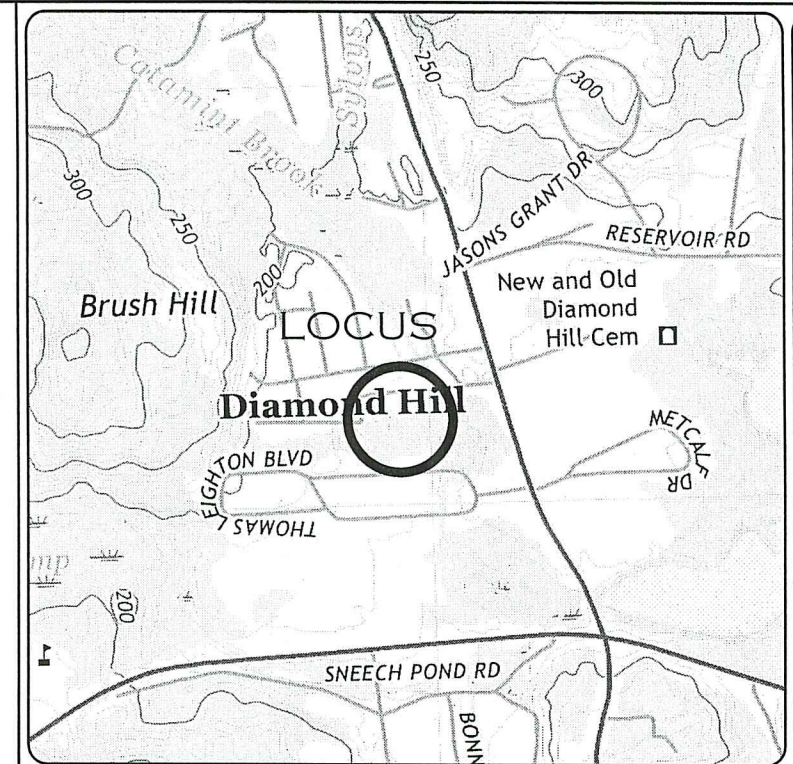
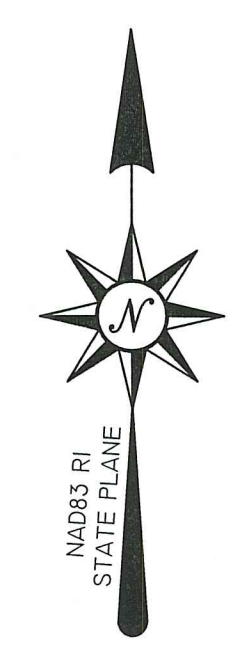
JOB # 20-034 SCALE: 1" = 50' DRAWN BY: CEA DATE: JUNE 11, 2021

REVISED: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

INSITE Engineering Services, LLC
PROFESSIONAL ENGINEERS | LAND SURVEYORS
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Phone: (508) 336-4500 Fax: (508) 336-4558
Web Address: InSiteEngineers.com

SHEET 2 OF 8

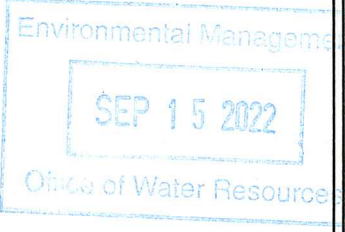


LOCATION MAP (1"=500')

REGISTRY USE ONLY

NOTES:

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MINIMUM REAR YARD SETBACK	= 25'
MAXIMUM BUILDING HEIGHT	= 35'
MAXIMUM % COVERAGE	= 20%

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: NOV 18 2022 FILE #: 22-0146
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

CERTIFICATION:

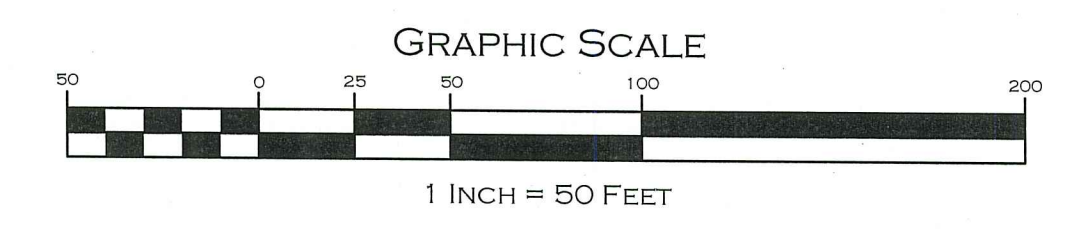
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Marc Nyberg
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RHODE ISLAND PLS NO: 1797 RHODE ISLAND C.O.A. NO.: LS.0004468.COA
DATE: 09/13/2022

SUBJECT TO A COVENANT DULY EXECUTED DATED THE _____ DAY OF _____ RUNNING WITH THE LAND, TO BE DULY RECORDED BY OR FOR THE OWNER OF RECORD, THIS PLAN IS SUBJECT TO ALL CONDITIONS OF THE CUMBERLAND PLANNING BOARD CERTIFICATE OF ACTION DATED _____ FILED WITH THE CUMBERLAND TOWN CLERK ON _____ AND HEREWITH RECORDED AS A PART OF THIS PLAN.

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DATE: _____
TOWN CLERK, TOWN OF CUMBERLAND _____

CUMBERLAND PLANNING BOARD
APPROVED UNDER SUBDIVISION CONTROL LAW



LEGEND

EXISTING BOUND	▣
PROPOSED BOUND	□
IRON ROD	● IR
DRILL HOLE	● DH
WETLAND FLAGS	△ WF A99
TEST PITS	■ TP
EXISTING CONTOUR	99
PROPOSED CONTOUR	— 99 —
GRADE TO DRAIN	— 99 —

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

NOTE PER DEM:
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LOTING SHEET

"MENARD ESTATES"
3650 DIAMOND HILL ROAD, CUMBERLAND RI, 02864
ASSESSORS MAP 42 LOT 5

APPLICANT: HALEYS LLC
44 AUSTIN DRIVE, CUMBERLAND, RI 02864

JOB # 20034 SCALE: 1" = 50' DRAWN BY: CEA DATE: JUNE 11, 2021

REVISED: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

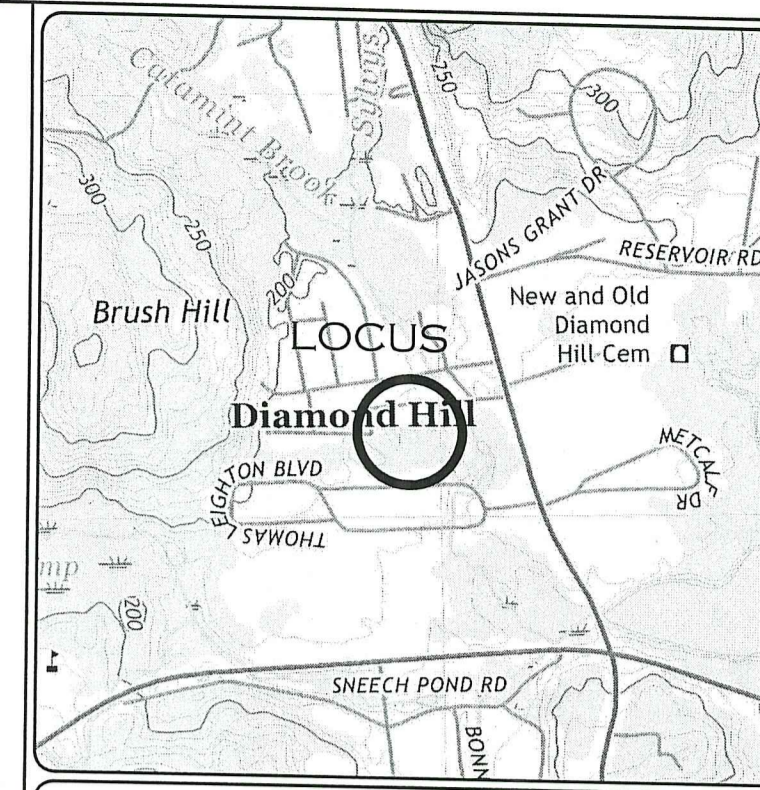
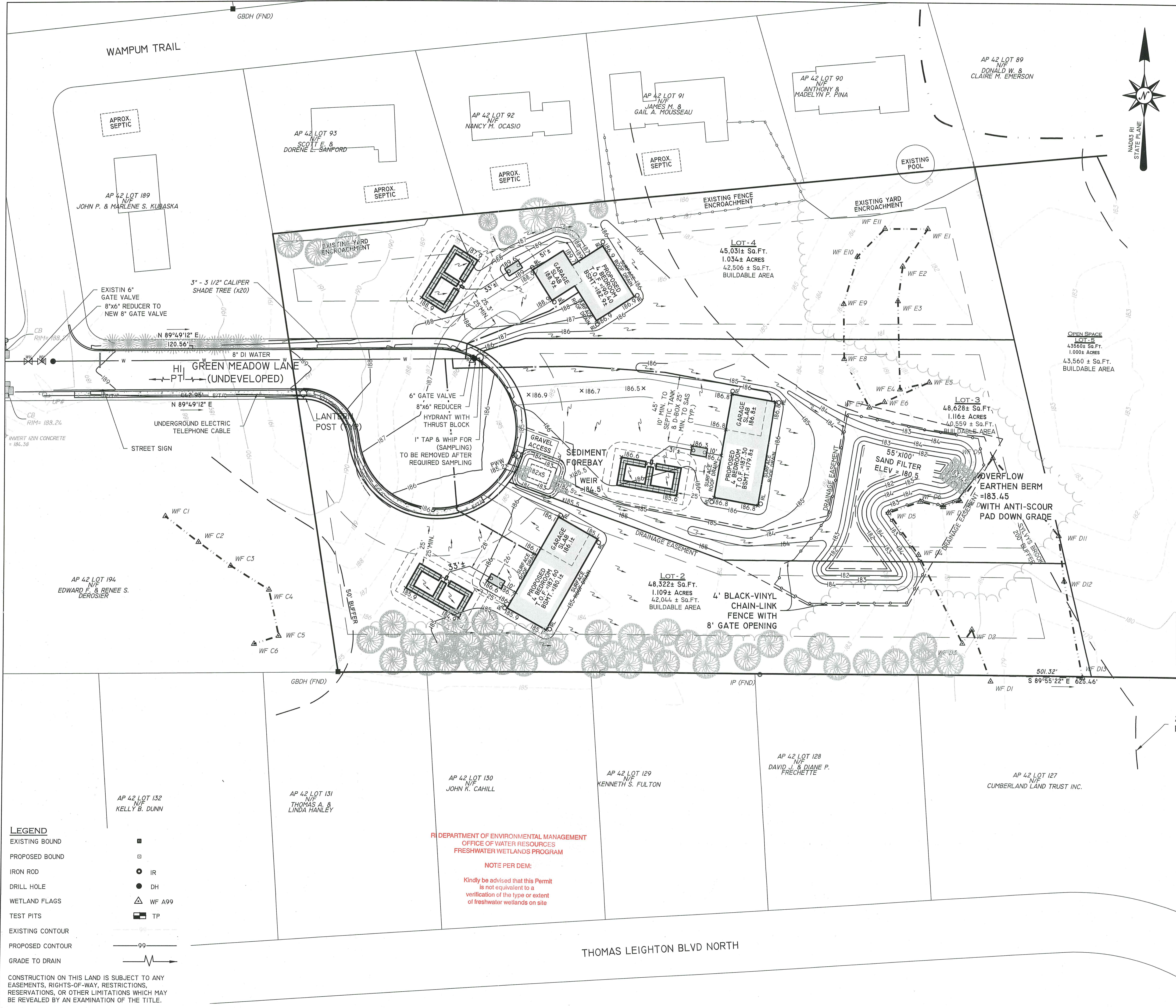
MARC N. NYBERG
No. 1797
PROFESSIONAL LAND SURVEYOR

PROFESSIONAL SEAL

INSITE Engineering Services, LLC
PROFESSIONAL ENGINEERS | LAND SURVEYORS
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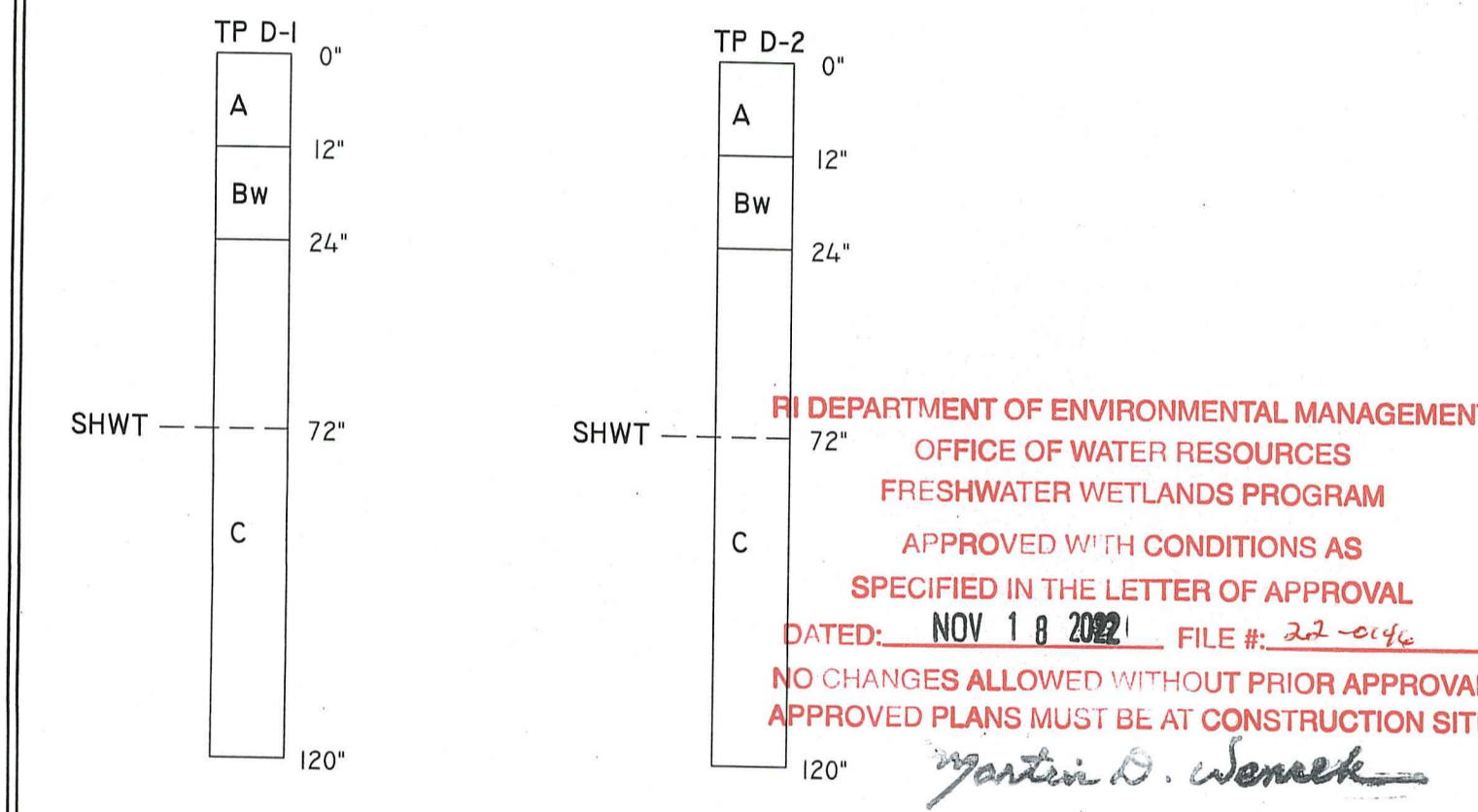
InSite Professional Complex, Suite 11
1539 Fall River Avenue Seekonk, MA 02771
Phone: (508) 336-4500 Fax: (508) 336-4558
Web Address: InSiteEngineers.com

SHEET 3 OF 8



REGISTRY USE ONLY

- NOTES:**
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I HEREBY CERTIFY THAT THERE HAS BEEN NO APPEAL TAKEN TO THIS PLANNING BOARD ACTION DURING THE 20 DAY STATUTORY APPEAL PERIOD.

TOWN CLERK, TOWN OF CUMBERLAND _____

CUMBERLAND PLANNING BOARD
APPROVED UNDER SUBDIVISION CONTROL LAW

GRAPHIC SCALE
1 INCH = 30 FEET

- LEGEND**
- EXISTING BOUND
 - PROPOSED BOUND
 - IRON ROD IR
 - DRILL HOLE DH
 - WETLAND FLAGS WF A99
 - TEST PITS TP
 - EXISTING CONTOUR
 - PROPOSED CONTOUR
 - GRADE TO DRAIN

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM**

NOTE PER DEM:
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CONSTRUCTION ON THIS LAND IS SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY, RESTRICTIONS, RESERVATIONS, OR OTHER LIMITATIONS WHICH MAY BE REVEALED BY AN EXAMINATION OF THE TITLE.

"MENARD ESTATES"
3650 DIAMOND HILL ROAD, CUMBERLAND RI, 02864
ASSESSORS MAP 42 LOT 5

APPLICANT: HALEYS LLC
44 AUSTIN DRIVE, CUMBERLAND, RI 02864

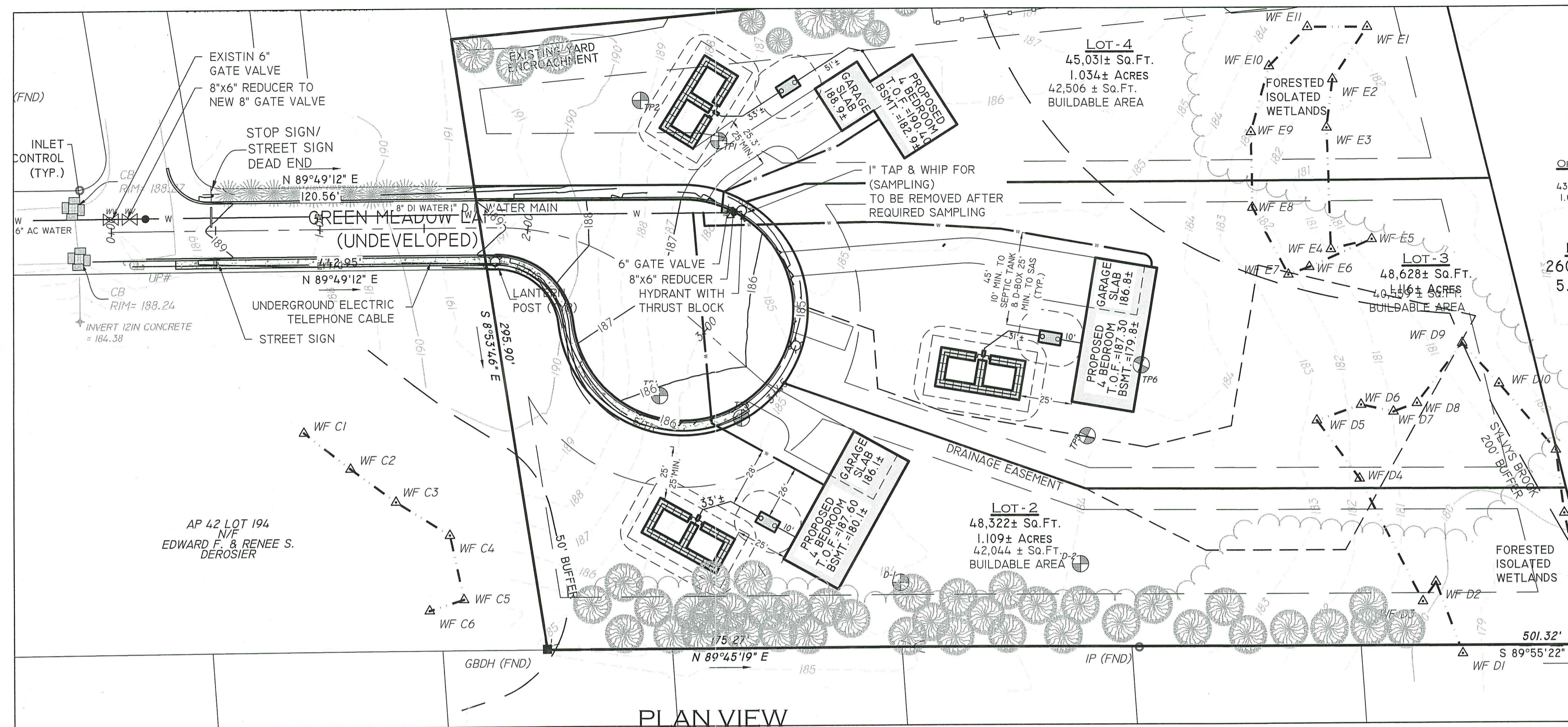
JOB # 20-034 SCALE: 1" = 30' DRAWN BY: CEA DATE: JUNE 11, 2021
REVISED: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

INSITE Engineering Services, LLC
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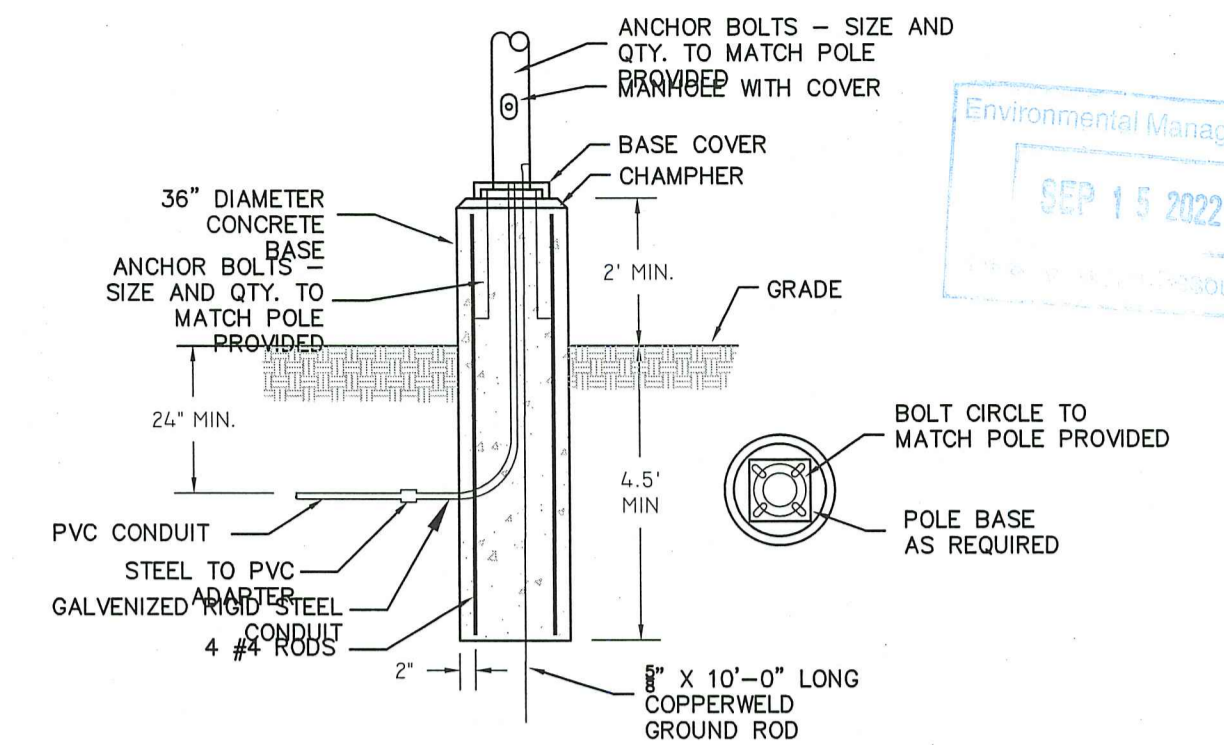
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Phone: (508) 336-4500 Fax: (508) 336-4558
Web Address: InSiteEngineers.com

SHEET
4
OF 8

I:\20-034 Diamond Hill Road - Cumberland - Menard Estates - Preliminary - Power Island_002.dwg, 9/15/2022 2:18:07 PM, \MINISTE-D02\BICOH MP W6700 P5



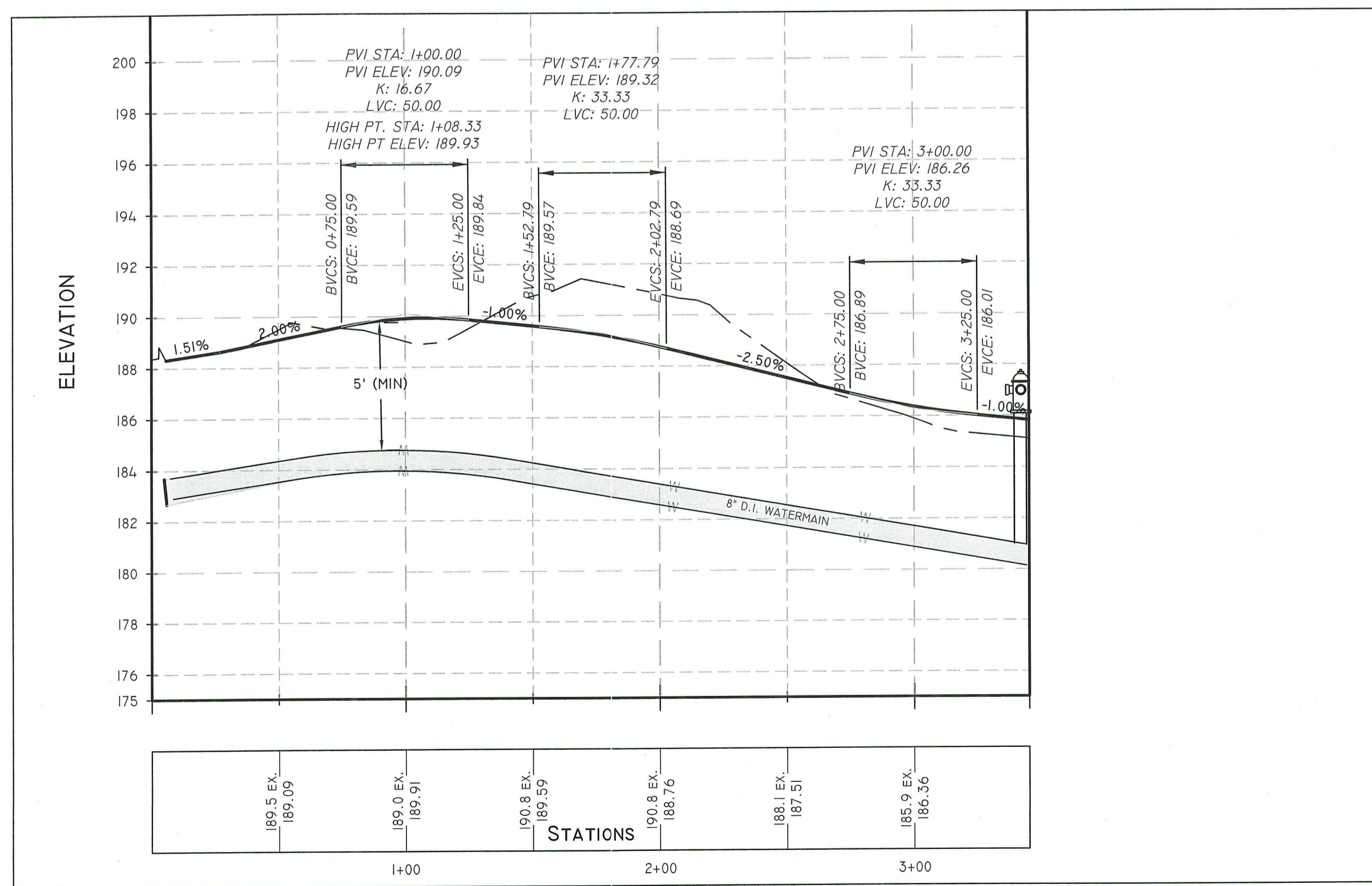
PLAN VIEW
SCALE: 1" = 40'
GREEN MEADOW LANE
EXTENSION



POLE BASE DETAIL
NOT TO SCALE

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
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DATED: NOV 18 2022 FILE #: 22-0146
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APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Martin D. Senack



PROFILE VIEW
SCALE: 1" = 40' HORIZONTAL
1" = 4' VERTICAL

LEGEND

- EXISTING BOUND
- PROPOSED BOUND
- IRON ROD
- DRILL HOLE
- WETLAND FLAGS
- TEST PITS
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE TO DRAIN
- SF'S -
- WQ & GS -
- INF'S -
- CSW'S -
- PWW -
- SEDIMENT FOREBAYS
- SWALES
- INFILTRATION BASIN
- CONSTRUCTED WETLANDS
- PAVED WATER WAY

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
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FRESHWATER WETLANDS PROGRAM

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TOWN CLERK, TOWN OF CUMBERLAND, _____

CUMBERLAND PLANNING BOARD
APPROVED UNDER SUBDIVISION CONTROL LAW

PLAN AND PROFILE

"MENARD ESTATES"
3650 DIAMOND HILL ROAD, CUMBERLAND RI 02864
ASSESSORS MAP 42 LOT 5

APPLICANT: **HALEYS LLC**
44 AUSTIN DRIVE, CUMBERLAND, RI 02864

JOB # **20-034** SCALE: **1" = 40'** DRAWN BY: **CEA** DATE: **JUNE 11, 2021**

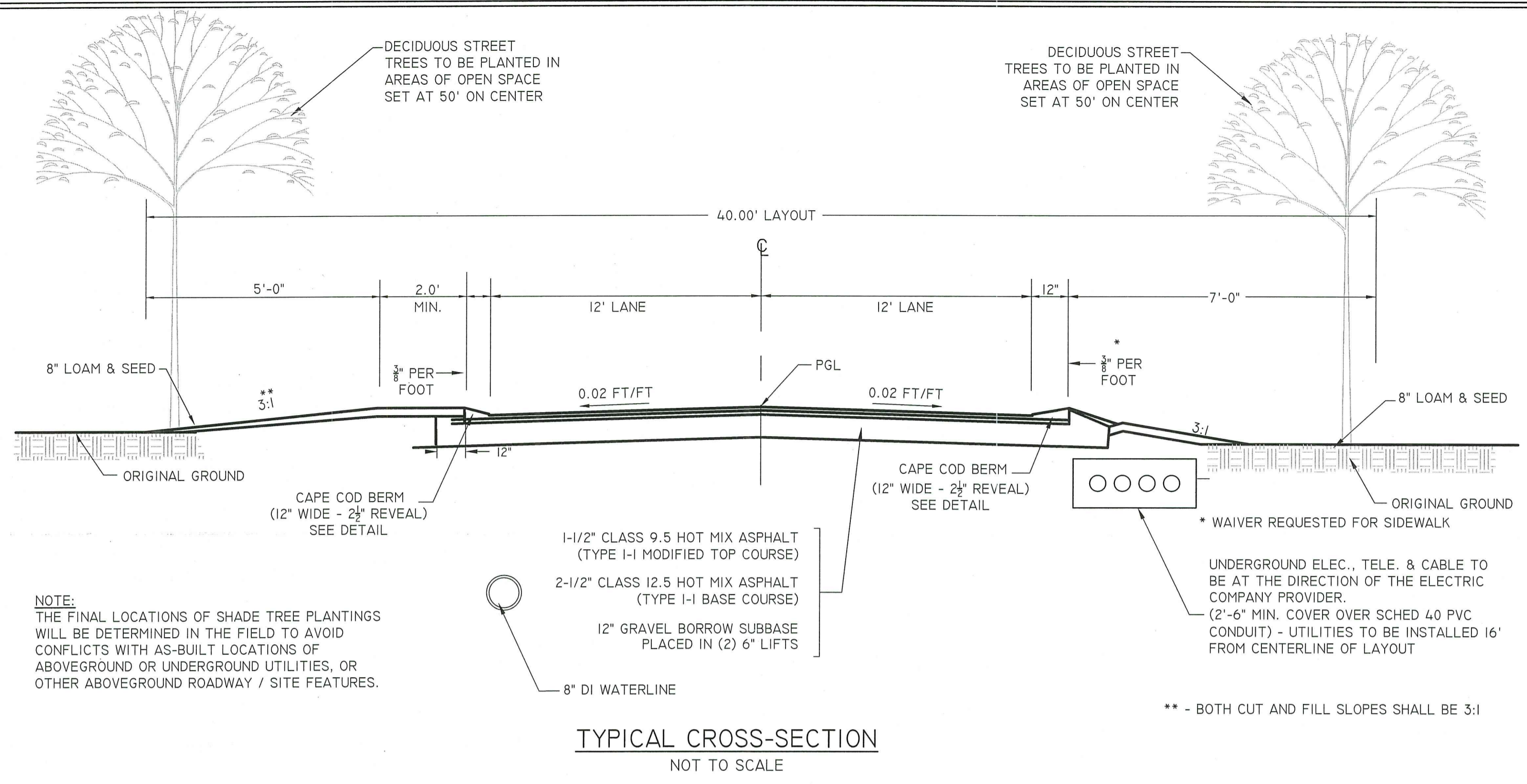
REVISED: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

PROFESSIONAL SEAL

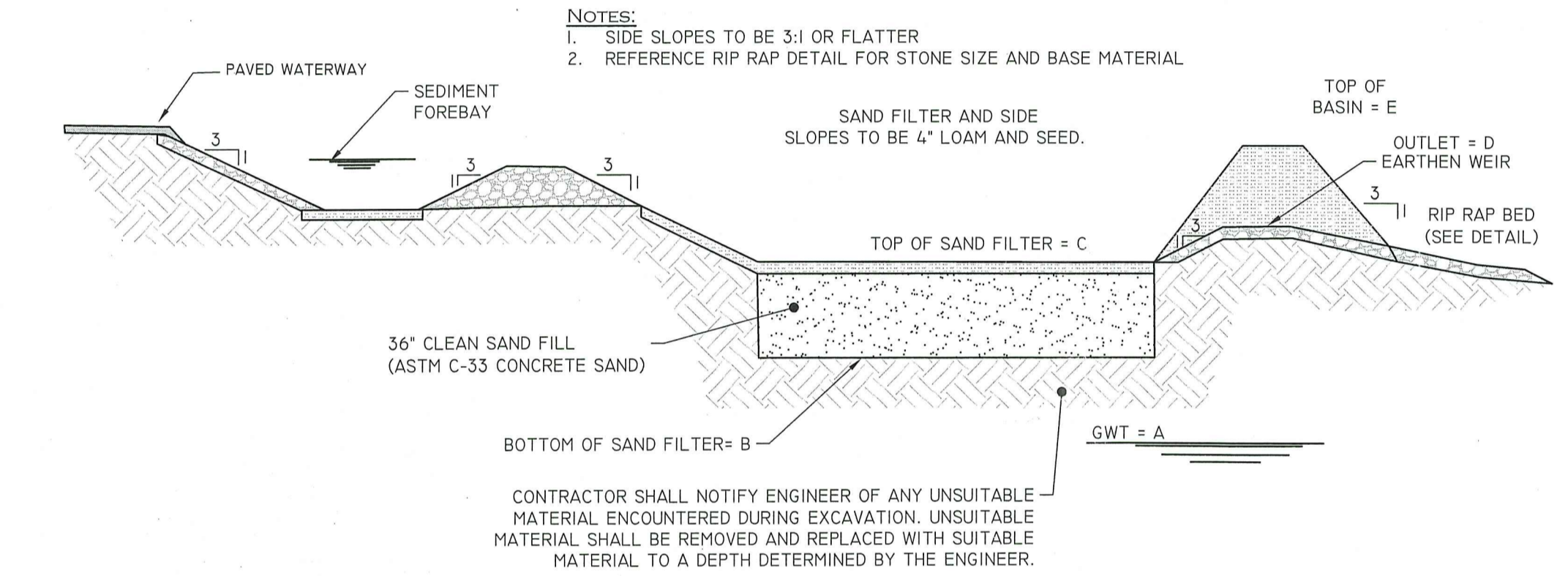
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SHEET
5
OF 8

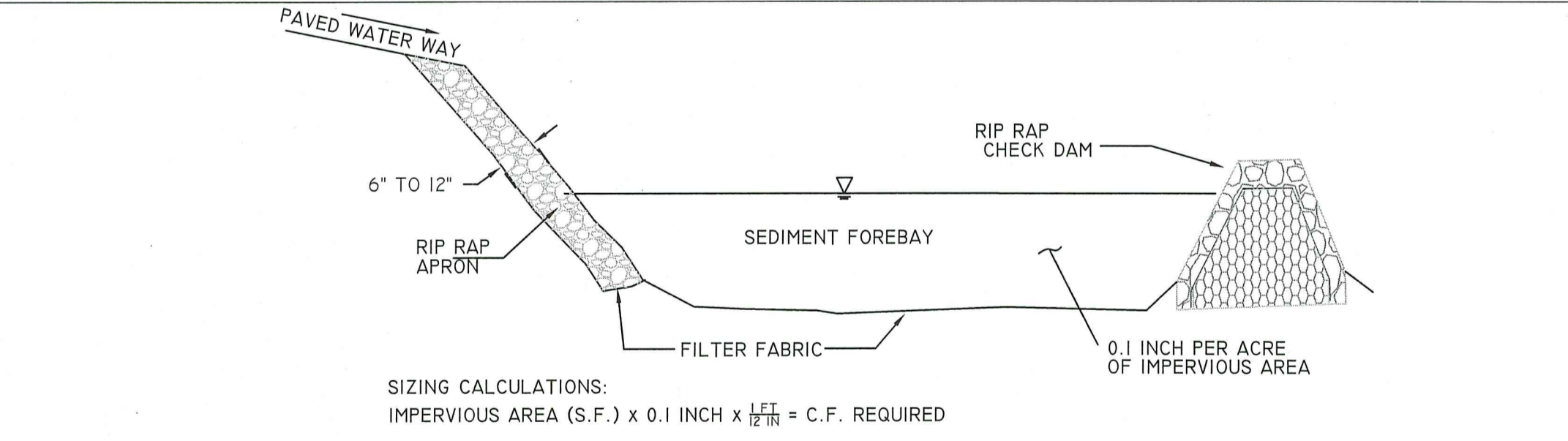


TYPICAL CROSS-SECTION
NOT TO SCALE



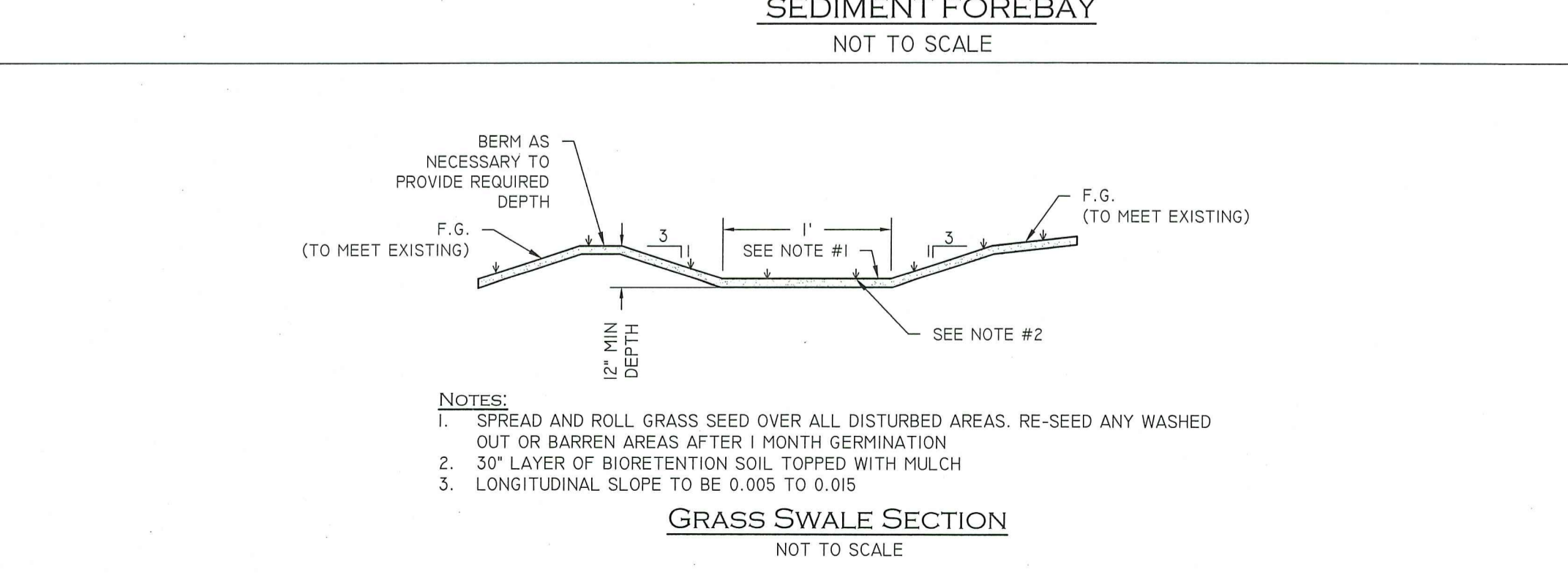
SAND FILTER SECTION
NOT TO SCALE

FILTER #	GWT 'A'	BOTTOM OF FILTER 'B'	TOP OF FILTER 'C'	OUTLET 'D'	TOP OF BASIN 'E'	10 YR EL.
SAND FILTER A1	176.0	178.0	180.5	183.45	184.9	

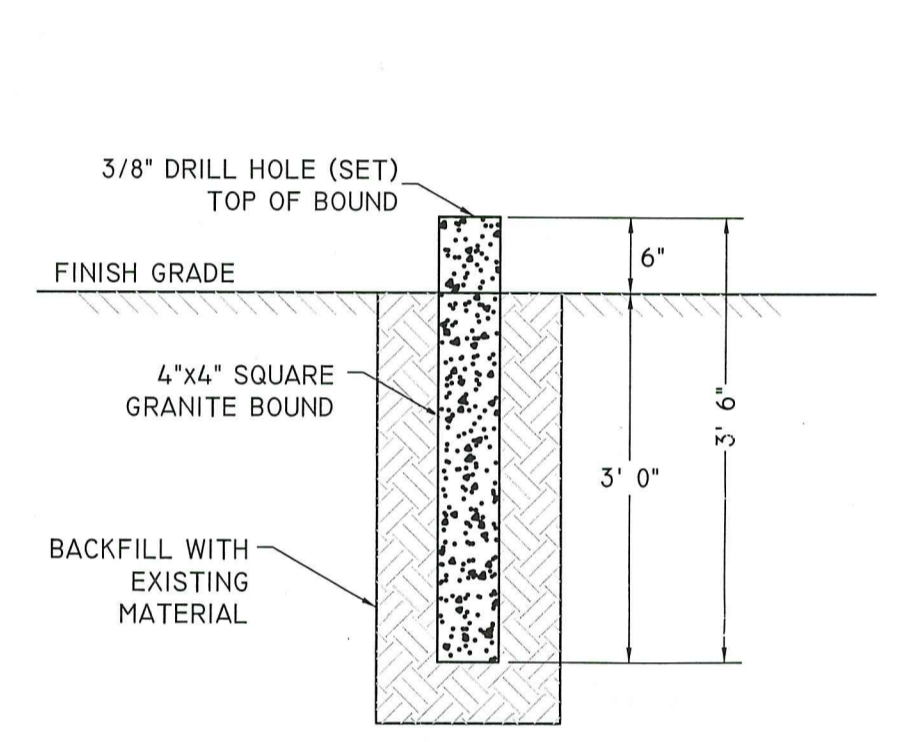


SEDIMENT FOREBAY
NOT TO SCALE

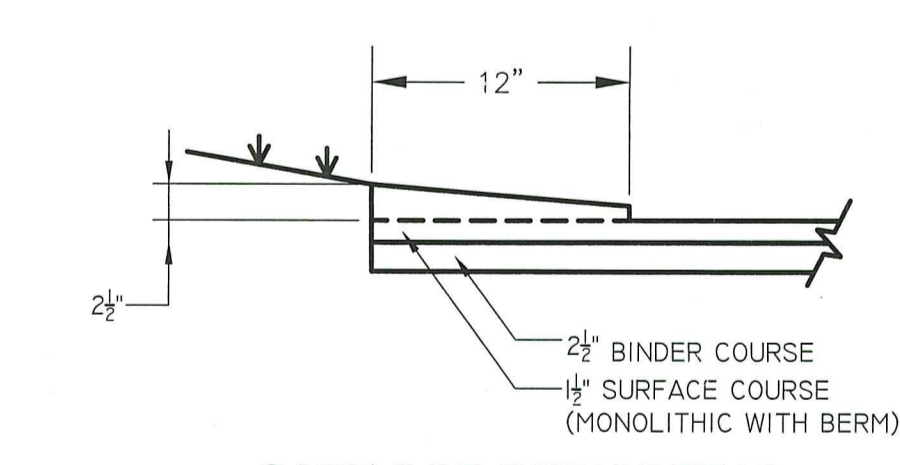
SEDIMENT FOREBAY	DIMENSIONS	REQUIRED VOLUME (C.F.)	PROVIDED VOLUME (C.F.)
SF-1	10'x 15'	212 CF	375 CF



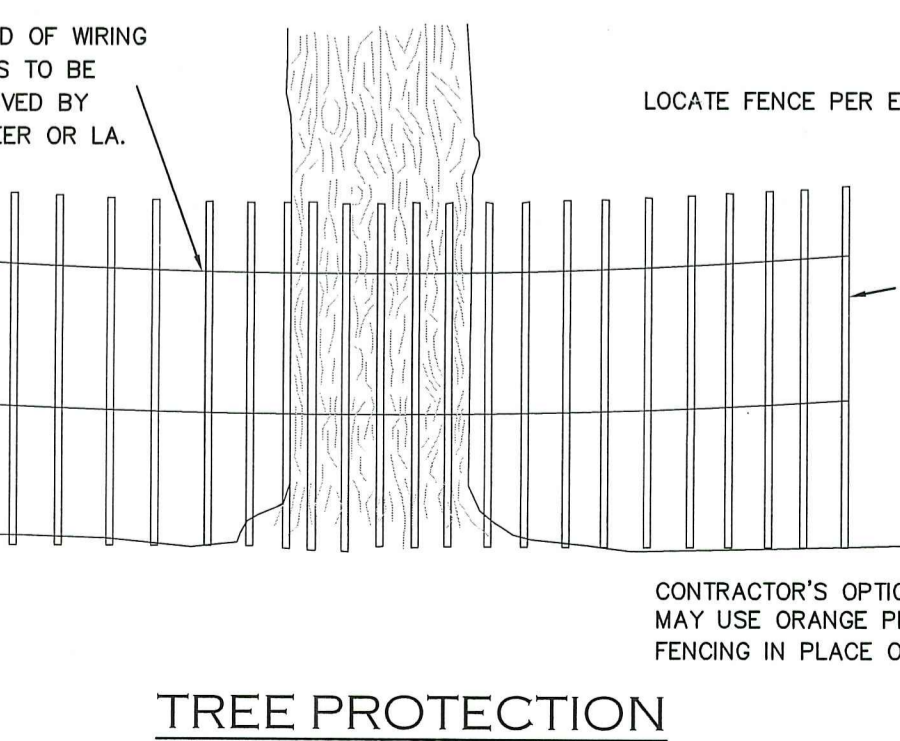
GRASS SWALE SECTION
NOT TO SCALE



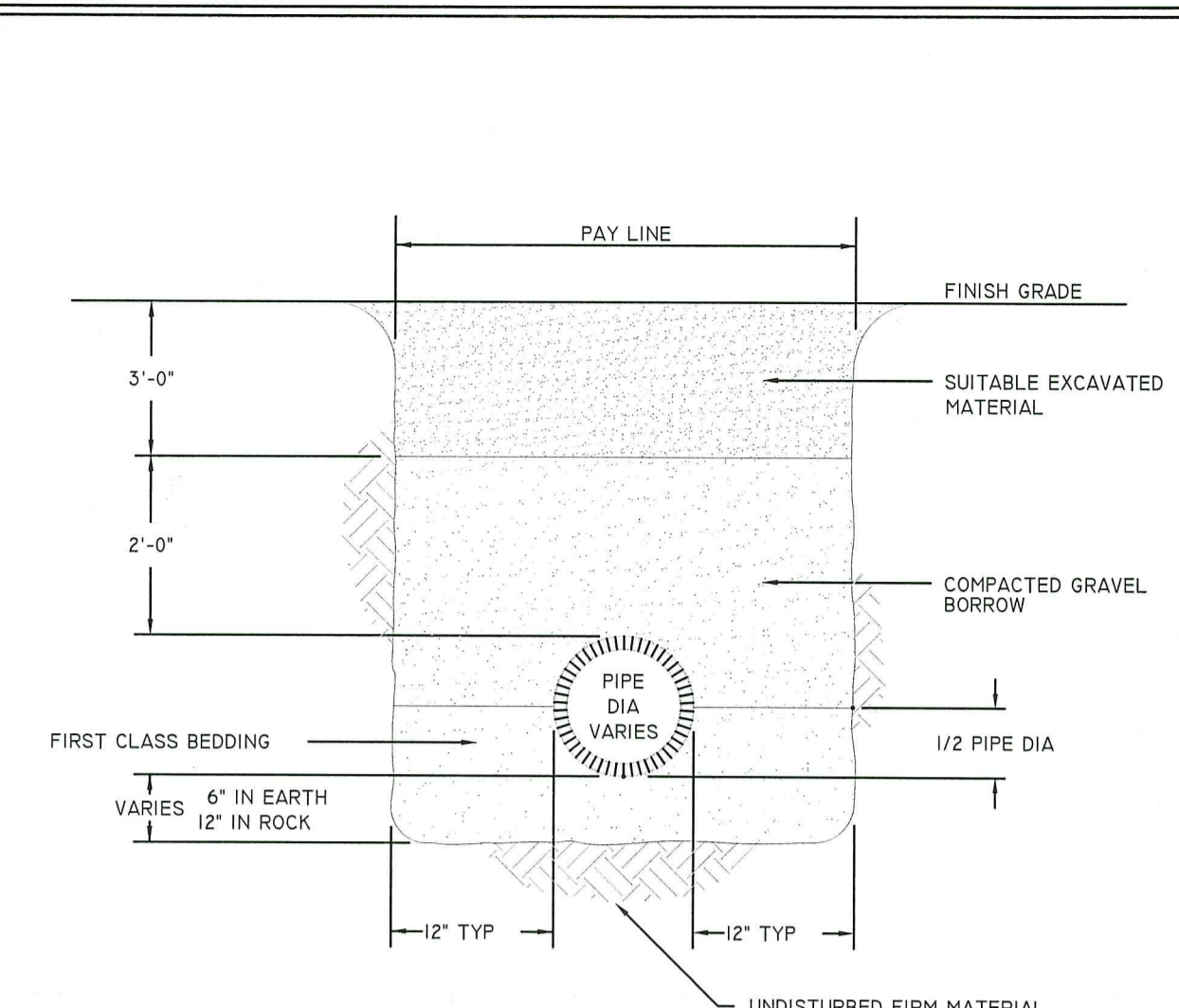
GRANITE BOUND DETAIL
NOT TO SCALE



CAPE COD BERM DETAIL
NOT TO SCALE



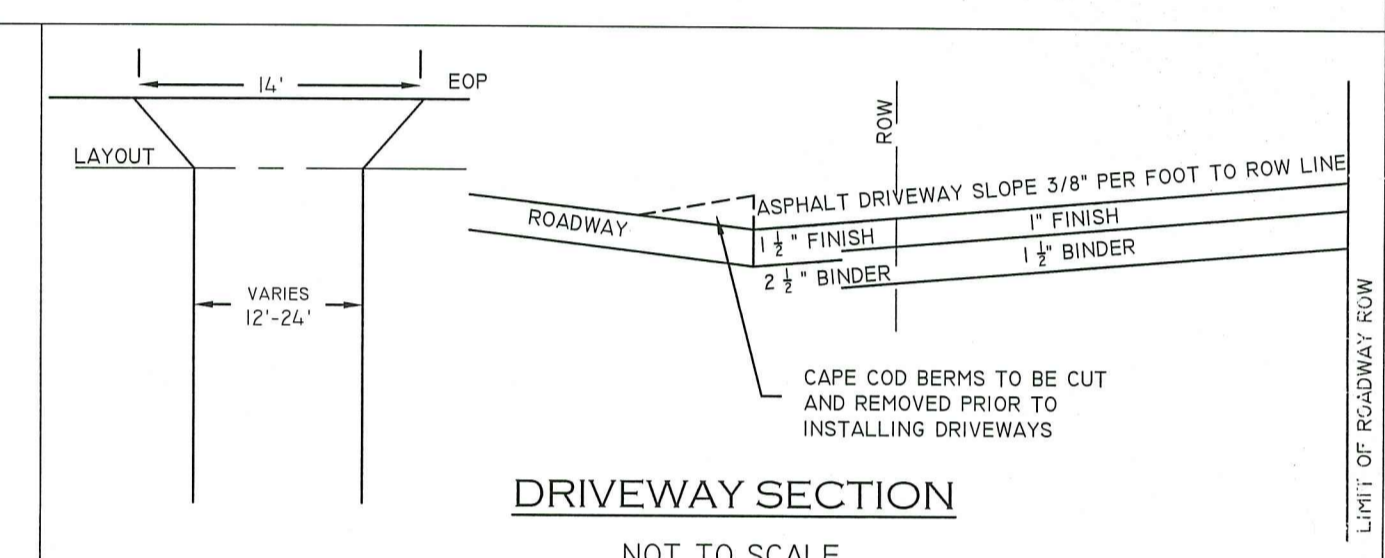
TREE PROTECTION
NOT TO SCALE



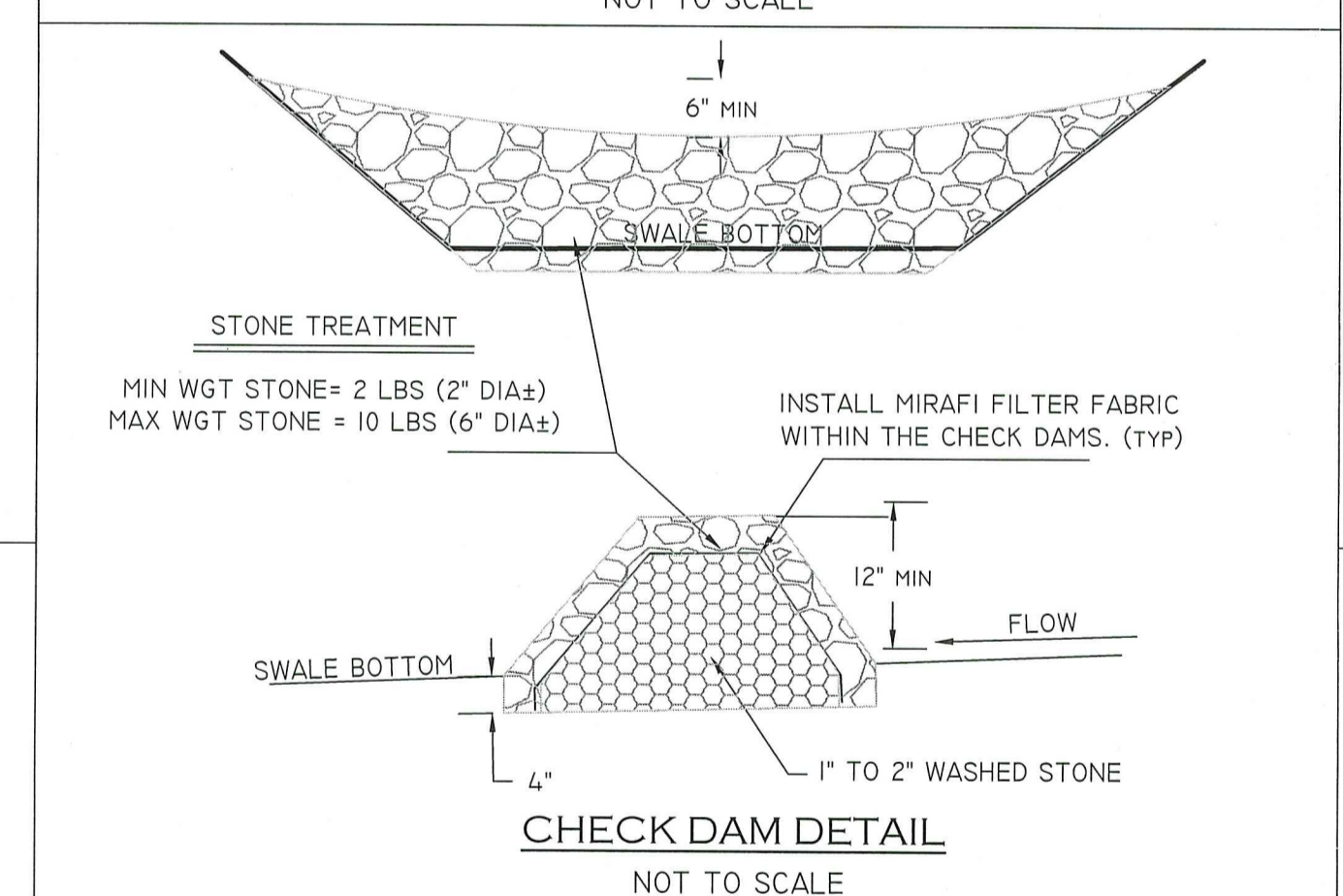
TRENCH DETAIL
NOT TO SCALE

GENERAL NOTES:
1. FINISH GRADE MATERIAL VARIES (SEE SITE PLAN)
2. RESTORE FINISH GRADE TO MATCH EXISTING

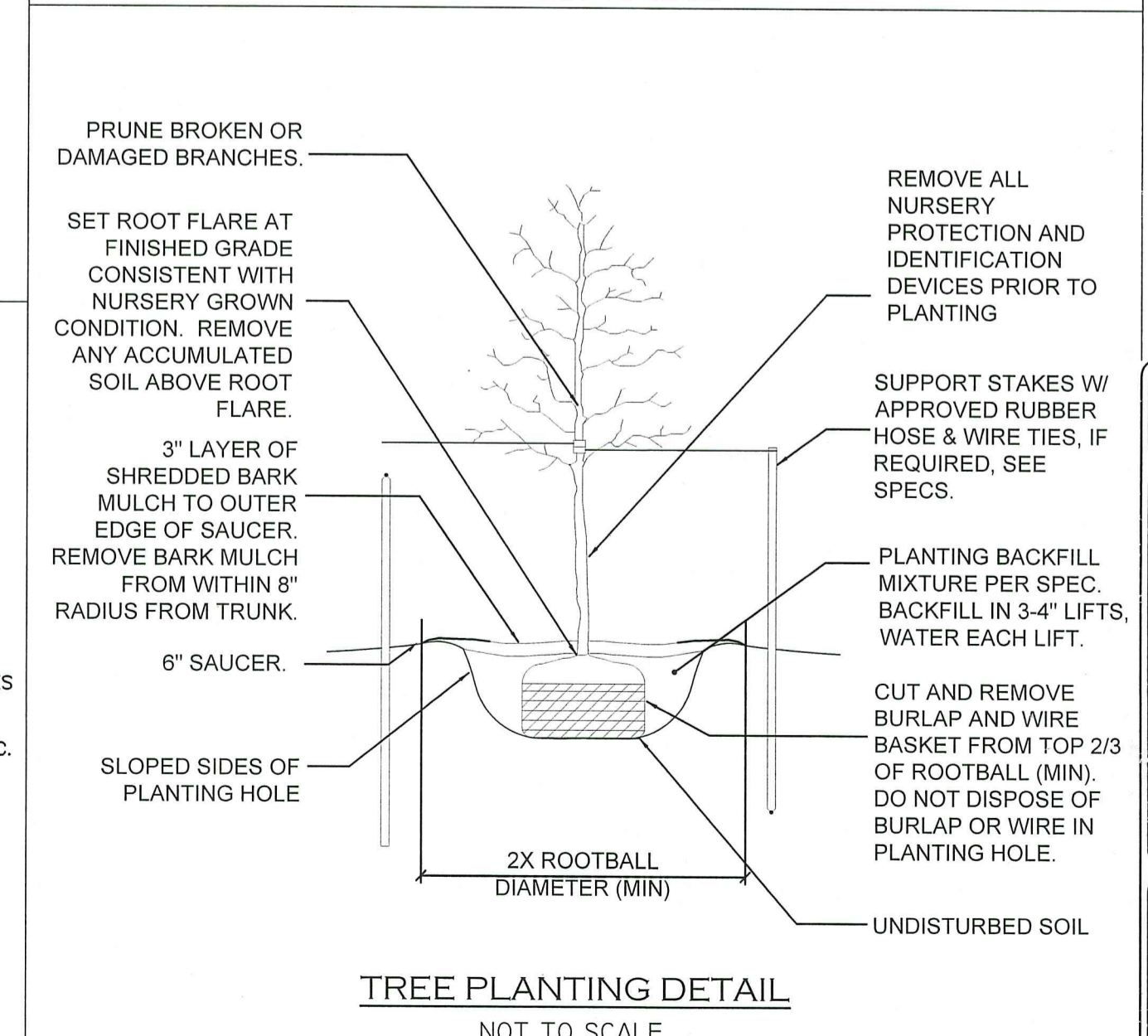
**DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: NOV 18 2022 FILE # 22-0146
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED BY: [Signature]**



DRIVEWAY SECTION
NOT TO SCALE



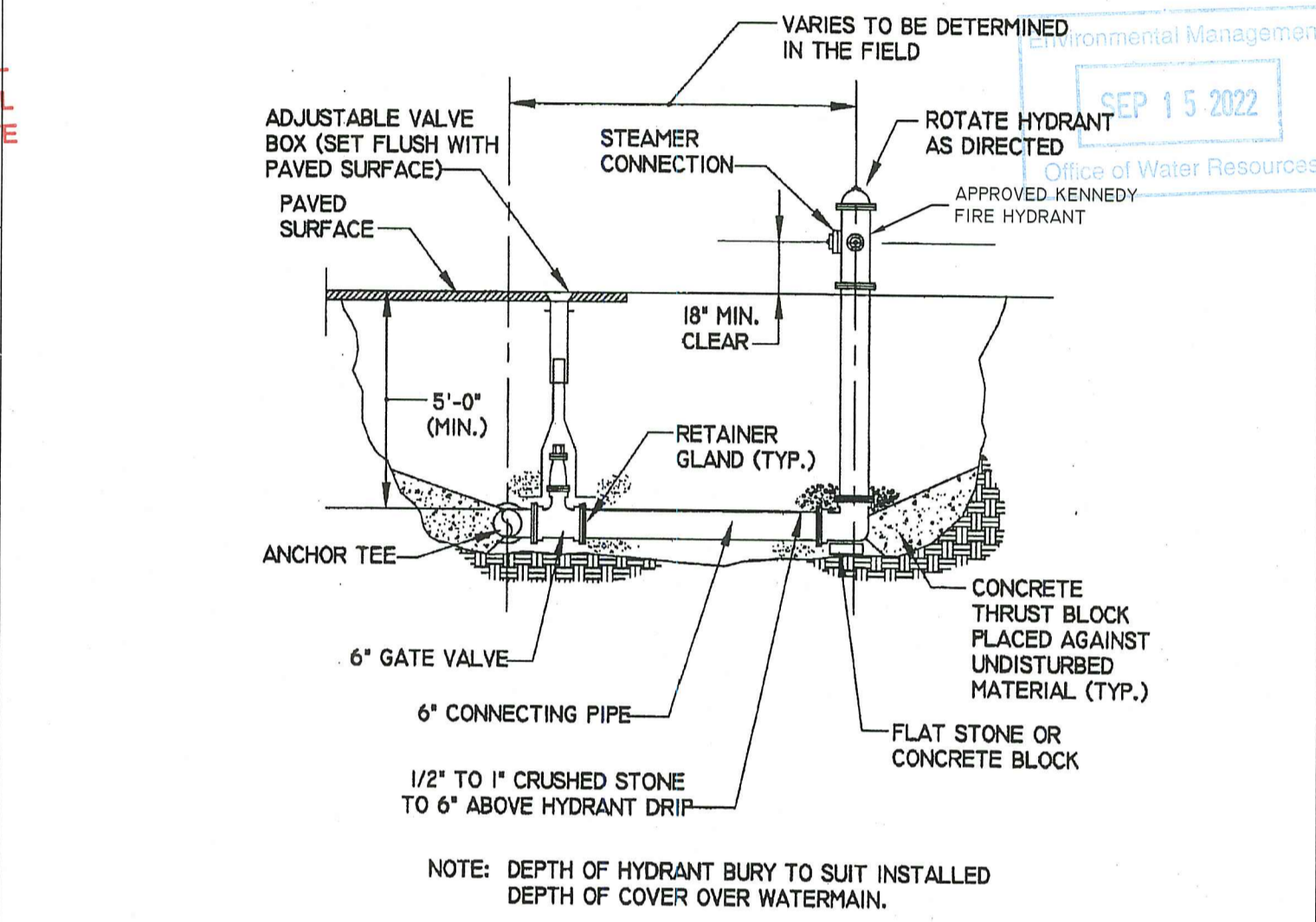
CHECK DAM DETAIL
NOT TO SCALE



TREE PLANTING DETAIL
NOT TO SCALE

TH	HORIZON	DEPTH	ELEV	COLOR	RE-DOX/A/S/C	TEXTURE	STRUCTURE	CONSISTENCE	SOIL CAT.	G/SF/D
TH 1	A	0' - 12"	-	10YR3/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	Bw	12" - 24"	-	10YR5/8	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	C	24" - 120"	-	10YR6/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
EG = EXISTING GRADE, OG = ORIGINAL GRADE, SHWT DEPTH: 72" BELOW EG & OG										
TH 2	A	0' - 12"	-	10YR3/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	Bw	12" - 24"	-	10YR5/8	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	C	24" - 120"	-	10YR6/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
EG = EXISTING GRADE, OG = ORIGINAL GRADE, SHWT DEPTH: 72" BELOW EG & OG										
TH 3	A	0' - 12"	-	10YR3/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	Bw	12" - 24"	-	10YR5/8	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	C	24" - 120"	-	10YR6/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
EG = EXISTING GRADE, OG = ORIGINAL GRADE, SHWT DEPTH: 72" BELOW EG & OG										
TH 4	A	0' - 12"	-	10YR3/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	Bw	12" - 24"	-	10YR5/8	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	C	24" - 120"	-	10YR6/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
EG = EXISTING GRADE, OG = ORIGINAL GRADE, SHWT DEPTH: 72" BELOW EG & OG										
TH 5	A	0' - 12"	-	10YR3/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	Bw	12" - 24"	-	10YR5/8	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	C	24" - 120"	-	10YR6/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
EG = EXISTING GRADE, OG = ORIGINAL GRADE, SHWT DEPTH: 72" BELOW EG & OG										
TH 6	A	0' - 12"	-	10YR3/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	Bw	12" - 24"	-	10YR5/8	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
	C	24" - 120"	-	10YR6/2	2.5YR4/8/M/C/P	GLS	SG	-	FR	IM 0.61*
EG = EXISTING GRADE, OG = ORIGINAL GRADE, SHWT DEPTH: 72" BELOW EG & OG										

OWTS SOIL EVALUATION LOGS



HYDRANT ASSEMBLY DETAIL
NOT TO SCALE

SUBJECT TO A COVENANT DULY EXECUTED DATED THE _____ DAY OF _____, RUNNING WITH THE LAND, TO BE DULY RECORDED BY OR FOR THE OWNER OF RECORD. THIS PLAN IS SUBJECT TO ALL CONDITIONS OF THE CUMBERLAND PLANNING BOARD CERTIFICATE OF ACTION DATED _____ FILED WITH THE CUMBERLAND TOWN CLERK ON _____ AND HEREWITH RECORDED AS A PART OF THIS PLAN.

I HEREBY CERTIFY THAT THERE HAS BEEN NO APPEAL TAKEN TO THIS PLANNING BOARD ACTION DURING THE 20 DAY STATUTORY APPEAL PERIOD.
DATE: _____
TOWN CLERK, TOWN OF CUMBERLAND _____

CUMBERLAND PLANNING BOARD
APPROVED UNDER SUBDIVISION CONTROL LAW

DETAIL SHEET (1 OF 1)

"MENARD ESTATES"
3650 DIAMOND HILL ROAD, CUMBERLAND RI 02864
ASSESSORS MAP 42 LOT 5

APPLICANT: **HALEYS LLC**
44 AUSTIN DRIVE, CUMBERLAND, RI 02864

JOB # 20-034 SCALE: 1" = 40'
REVISOR: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

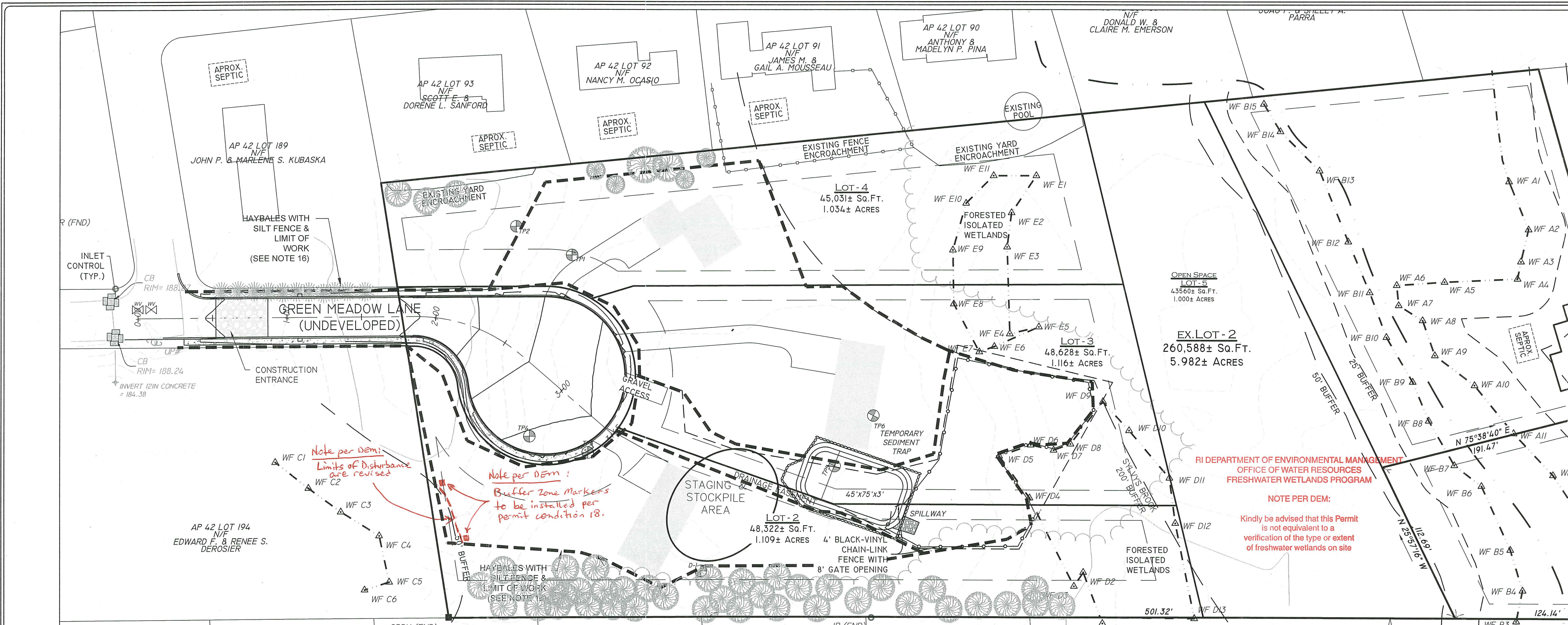
PAUL D. CARLSON
REGISTERED PROFESSIONAL ENGINEER
CIVIL
7142

DATE: JUNE 11, 2021
DRAWN BY: CEA

INSITE Engineering Services, LLC
PROFESSIONAL ENGINEERS | LAND SURVEYORS
Precision. Clarity. Certainty.

InSite Professional Complex, Suite 1
1539 Fall River Avenue Seekonk, MA 02771
Phone: (508) 336-4500 Fax: (508) 336-4558
Web Address: InSiteEngineers.com

SHEET 6 OF 8



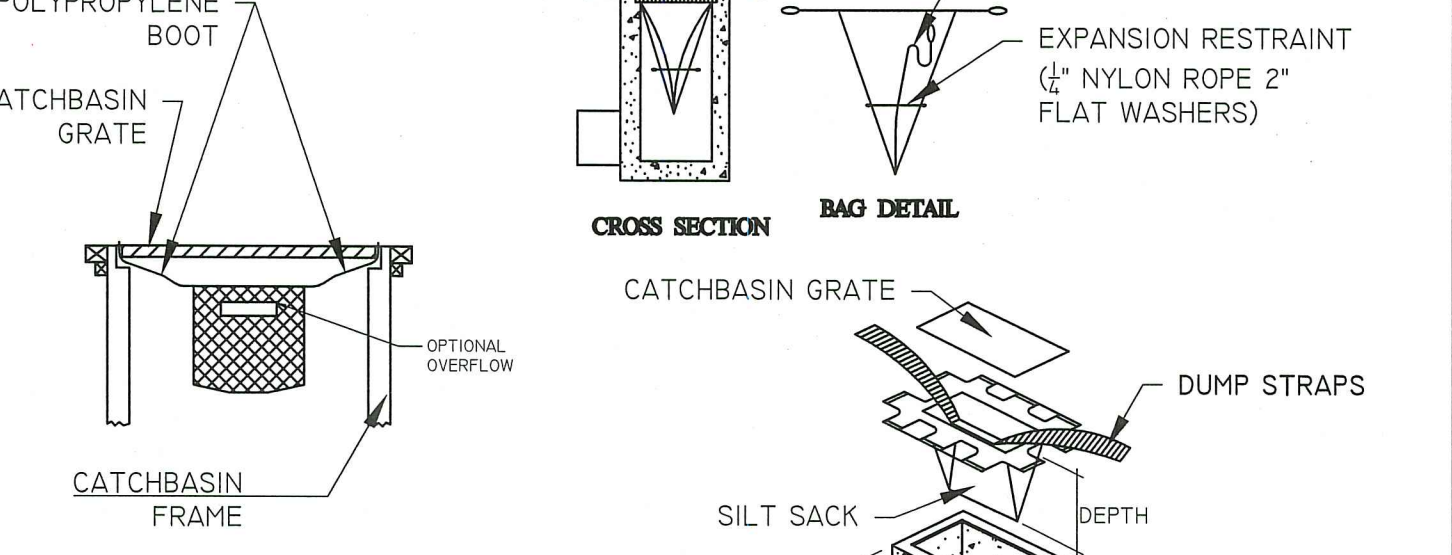
NOTES

- THE PROPOSED INFILTRATION BASIN SHALL BE INITIALLY EXCAVATED AND ROUGH GRADED TO CONTROL AND MANAGE STORMWATER DURING CONSTRUCTION. HOWEVER, OTHER TEMPORARY CONTROLS MAY NEED TO BE PROVIDED DURING CONSTRUCTION AS ON-GOING EARTHWORK CREATES INTERM GRADING AND OTHER CONDITIONS THAT MAY DIVERT WATER TO UNDESIRABLE AREAS.
- THE EXISTING CATCH BASIN NEAR THE WAMPUM TRAIL INTERSECTION WILL REQUIRE PERIODIC OCCASIONAL WASH INTO THE EXISTING ROADWAY. PERIODIC CLEANING OF THE CATCH BASIN MAY BE REQUIRED DURING CONSTRUCTION UNTIL THE GENERAL EARTHWORK HAS BEEN COMPLETED AND THE BINDER PAVEMENT COURSE IS PLACED. CONTRACTOR WILL BE REQUIRED TO CLEAN THE EXISTING STREET PAVEMENT ON A WEEKLY BASIS.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED: NOV 18 2022 FILE # 22-0196
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

SEP 15 2022
 Office of Water Resources



SILT SACKS SHALL BE INSTALLED IN ALL CATCH BASINS UNTIL DRAINAGE AREA HAS BEEN FULLY STABILIZED.

MAINTENANCE SHALL OCCUR WHEN NECESSARY. SILT SACKS SHALL BE CLEANED ONCE THE BAG IS FILLED HALF WAY WITH DEBRIS. CONTRACTOR SHALL REMOVE SILT SACK AND PLACE NEW UNIT. DO NOT EMPTY SILT SACK CONTENTS INTO THE CATCHBASIN.

NOTES

CONSTRUCTION PROCEDURES AND SEQUENCING

THE ENGINEER SHALL HAVE THE SOLE RESPONSIBILITY FOR THE DESIGN IMPLEMENTATION. HE SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONTRACTORS AND SUBCONTRACTORS ARE AWARE OF THE PROVISIONS ON THE PLANS.

THE CONTRACTOR SHALL ORGANIZE SITE CONSTRUCTION IN A MANNER WHICH WILL ENSURE THE IMMEDIATE STABILIZATION OF SURFACES. PERIMETER CONTROLS EQUAL APPROVED PROJECT LIMITS.

PRIOR TO ANY CONSTRUCTION ON SITE, THE CONTRACTOR SHALL SETUP PRE-CONSTRUCTION MEETING WITH OWNER, ENGINEER, CUMBERLAND, PLANNING AND DPW PERSONNEL.

THE DEVELOPER OR CONTRACTOR SHALL REQUEST A PRECONSTRUCTION MEETING WITH REPRESENTATIVES OF THE PUBLIC WORKS AND/OR BUILDING DEPARTMENTS PRIOR TO THE START OF SITE WORK, OR IMMEDIATELY AFTER THE COMPLETION OF THE SITE CLEARING WORK.

PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, A LINE STRAW WATTLES, WILL BE PLACED AT ALL CONSTRUCTION TOE OF SLOPES IN THE AREA OF ROADWAY, PONDS, LANDSCAPED AREAS, AND ALONG PERIMETER OF PROJECT LIMIT OF DISTURBANCE WHERE INDICATED ON PROJECT PLANS.

RESERVE EROSION CONTROL DEVICES SHALL BE STOCKPILED ON SITE IN THE EVENT OF EMERGENCIES.

THE CONTRACTOR SHALL MAKE ALL NECESSARY PROVISIONS FOR THE PROPER STORAGE AND/OR REMOVAL OF DEBRIS ON SITE TO AVOID UNNECESSARY ACCUMULATION ON SITE.

IN STREAM CONTROLS SUCH AS CHECK DAMS SHALL BE ESTABLISHED PRIOR TO CONSTRUCTION.

PROTECTION OF THE INFILTRATION SURFACES (BENEATH AND ADJACENT TO THE RECHARGE SYSTEMS) FROM DEGRADATION BY CONSTRUCTION ACTIVITIES INCLUDE:

- PROVIDE DEEP ROTOTILLING OF BASIN FLOOR IMMEDIATELY PRIOR TO SEEDING WITH NO SUBSEQUENT TRAFFIC ON SURFACE.
- PREVENTION OF CONTAMINATION OF THE EXPOSED SUBGRADE BY CONSTRUCTION VEHICLES.
- PREVENTION OF EXCESSIVE COMPACTION BY CONSTRUCTION VEHICLES.
- PREVENTION OF THE DISCHARGE OF WATER FROM CONSTRUCTION DEWATERING ACTIVITIES INTO THESE FACILITIES.
- PREVENTION OF DISCHARGE OF STORMWATER INTO THESE FACILITIES UNTIL THE CONTRIBUTING AREAS ARE STABILIZED, UNLESS SPECIFIC MEASURES ARE PROVIDED FOR PROTECTING AND RESTORING THE INFILTRATION SURFACE.

CONSTRUCTION INSPECTION

THE ENGINEER SHALL BE CALLED ON SITE DURING THE CONSTRUCTION OF THE INFILTRATION BASIN.

THE ENGINEER SHALL PERFORM FREQUENT INSPECTION OF THE STORMWATER SYSTEM DURING CONSTRUCTION, CLEANING AND MAINTENANCE AS WARRANTED. DURING ACTIVE CONSTRUCTION PERIODS, WEEKLY INSPECTION IS REQUIRED.

IF CONSTRUCTION IS SUSPENDED (E.G., OVER THE WINTER), THEN MONTHLY INSPECTIONS ARE REQUIRED. IN ADDITION, THE SYSTEM SHOULD BE CHECKED AFTER ANY SIGNIFICANT RAINFALL, TO INSURE IT IS FUNCTIONING CORRECTLY AND TO MONITOR SEDIMENT ACCUMULATION FROM THE DISTURBED AREAS OF THE SITE.

CLEARING

CONSIDERATION SHALL BE GIVEN TO PRESERVING SPECIMEN TREES. THE ENGINEER SHALL BE CONTACTED TO REVIEW DESIGN IMPACTS AND APPROVE METHOD OF TREE PRESERVATION.

BRUSH AND BRANCHES SHALL BE CHIPPED TO BE UTILIZED FOR WOOD MULCH WHERE FEASIBLE.

GRUBBING AND STRIPPING

SUITABLE TOPSOIL SHALL BE STRIPPED FROM THE AREAS TO BE GRADED AND STOCKPILED FOR SUBSEQUENT USE AND/OR FOR LANDSCAPE PURPOSES.

ROUGH GRADING

DURING GRADING, THE POTENTIAL FOR EROSION IS HIGH. DURING GRADING OPERATIONS, DISTURBED SLOPES WILL BE MULCHED AND VEGETATION ESTABLISHED TO PREVENT SEDIMENT EROSION TO THE SATISFACTION OF THE ENGINEER.

INDIVIDUAL HOMESITES

PRIOR TO ISSUANCE OF A BUILDING PERMIT, HOMEOWNER, DEVELOPER OR CONTRACTOR SHALL SUBMIT INDIVIDUAL SITE PLANS TO TOWN PLANNER DEPICTING HOUSE, SEPTIC, GRADING AND EROSION CONTROL MEASURES.

GRADING OF SITE SHALL MIMIC SUBDIVISION PLAN "MENARD ESTATES".

OPERATION & MAINTENANCE PLAN

THIS PLAN SHOULD BE USED IN CONJUNCTION WITH SEPARATE OPERATIONS AND MAINTENANCE PLAN DOCUMENT FOR MENARD ESTATES.

THIS PLAN SHOULD BE USED IN CONJUNCTION WITH SEPARATE STORMWATER POLLUTION PREVENTION PLAN DOCUMENT FOR MENARD ESTATES. THE MAINTENANCE AND URKEEP OF THE PROPERTY WILL INCLUDE THE FOLLOWING ELEMENTS:

CONSTRUCTION VEHICLES SHALL BE LIMITED TO ONE ACCESS POINT ON PLAIN STREET WHERE A CRUSHED-STONE CONSTRUCTION PAD ENTRANCE SHALL BE INSTALLED IN THE AREA OF THE PERMANENT ROADWAY TO ENSURE THAT MUD AND DEBRIS ARE NOT TRACKED ONTO THE ROADWAY. IF MUD IS INADVERTENTLY TRACKED ONTO THE ROAD, IT SHOULD BE REMOVED PROMPTLY.

GENERAL MAINTENANCE OF EROSION CONTROL ELEMENTS INCLUDING REGRADING, RE-VEGETATION, REPLACING RIP RAP, ETC., ON AN AS NEEDED BASIS.

ALL STORMWATER MANAGEMENT SYSTEMS MUST HAVE AN OPERATION AND MAINTENANCE PLAN TO ENSURE THAT SYSTEMS FUNCTION AS DESIGNED.

ALL MAINTENANCE BYPRODUCTS INCLUDING GRASS, BRUSH, SEDIMENTATION, ETC. SHALL BE REMOVED AND DISPOSED OF PROPERLY.

THE OWNER WILL BE RESPONSIBLE FOR THE OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT SYSTEM AND ALL OF ITS APPURTENANCES. THE FOLLOWING MAINTENANCE PROGRAM SHALL BE IMPLEMENTED:

A. SEDIMENT FOREBAY

- FOREBAY SHALL BE INSPECTED MONTHLY.
- SILT/SEDIMENT SHALL BE REMOVED FROM THE FOREBAY FOUR TIMES A YEAR OR IF DEEP OF SEDIMENT REACHES BETWEEN 3" TO 6". ALL SEDIMENTS SHALL BE HANDLED PROPERLY AND DISPOSED IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

B. INFILTRATION BASINS

- PREVENTATIVE MAINTENANCE: TWICE A YEAR
- INSPECT TO ENSURE PROPER FUNCTIONING AFTER EVERY MAJOR STORM DURING FIRST 3 MONTHS OF OPERATION AND TWICE A YEAR THEREAFTER AND WHEN THERE ARE DISCHARGES THROUGH THE HIGH OUTLET ORIFICE.
- MOW THE BUFFER AREA, SIDE SLOPES, AND BASIN BOTTOM IF GRASSSED FLOOR; RAKE IF STONE BOTTOM; REMOVE TRASH AND DEBRIS; REMOVE GRASS CLIPPINGS AND ACCUMULATED ORGANIC MATTER TWICE A YEAR
- INSPECT AND CLEAN PRETREATMENT DEVICES EVERY OTHER MONTH RECOMMENDED AND AT LEAST TWICE PER YEAR.
- THE BASE OF THE BASIN SHALL BE MONITORED FOR APPROPRIATE GROWTH. WOODY GROWTH SHALL BE CLEARED AS PART OF THE SEMI ANNUAL MAINTENANCE PROGRAM.

EROSION & SEDIMENT CONTROL NOTES:

- EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. GRAVEL CONSTRUCTION ENTRANCE WILL BE INSTALLED BEFORE CONSTRUCTION TRAFFIC INTO AND OUT OF PROJECT AREA BEGINS. STABILIZATION OF ALL REGRADED AND SOIL STOCKPILE AREAS WILL BE INITIATED AND MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN REGULATIONS. ALL EROSION CONTROL MEASURES ARE TO BE MAINTAINED AND UPGRADED AS REQUIRED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
- ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING CONSTRUCTION PERIOD, IF DEEMED NECESSARY BY THE ENGINEER OR TOWN AGENCIES.
- EACH HOUSE LOT SHALL BE REQUIRED TO MAINTAIN EROSION AND SEDIMENT CONTROLS DURING HOUSE CONSTRUCTION. ADDITIONAL MEASURES WILL BE REQUIRED TO PREVENT SEDIMENT DISCHARGE INTO THE STREET, INFILTRATION PONDS AND SWALES FROM THE INDIVIDUAL DEVELOPMENT OF EACH LOT.
- SEEDING MIXTURE FOR FINISHED GRASSSED AREAS WILL BE AS FOLLOWS:
 KENTUCKY BLUE GRASS = 45
 CREEPING RED FESCUE = 45
 PERENNIAL RYE GRASS = 10
 SEED TO APPLIED AT A RATE OF 9 LBS / 1000 S.F. FERTILIZER SHALL BE APPLIED AT A RATE OF 2 LBS / 1000 S.F. PLANTING SEASON SHALL BE APRIL 1 TO OCTOBER 15. AFTER OCTOBER 15 AREAS NOT SEEDDED SHALL BE STABILIZED WITH STRAW WATTLES, CHECK DAMS, FILTER FABRIC OR WOODEN MULCH AS REQUIRED TO CONTROL EROSION.
- AREAS LEFT BARE BEFORE FINISH GRADING AND SEEDING IS ACHIEVED, SHALL RECEIVE A TEMPORARY SEEDING OF PERENNIAL RYE GRASS APPLIED TO A RATE OF 2 LBS / 1000 S.F. AT A DEPTH OF 1/2". LIMESTONE (EQUIVALENT TO 5% CALCIUM PLUS MAGNESIUM OXIDE) SHALL BE APPLIED AS SEEDBED PREPARATION AT A RATE OF 90 LBS / 1000 S.F.. WHERE GRASS PREDOMINATES, FERTILIZER ACCORDING TO A SOIL TEST AT A MINIMUM APPLICATION RATE OF 1 LB OF NITROGEN PER 1000 S.F. AREAS TO BE LEFT BARE BEFORE FINISH GRADING AND SEEDING OUTSIDE OF PLANTING SEASONS SHALL RECEIVE AN AIR-DRIED WOOD CHIP MULCH, FREE OF COURSE MATTER, TREATED WITH 12 LBS NITROGEN PER TON, APPLIED AT A RATE OF 145-275 LBS / 1000 S.F.
- CONTRACTOR SHALL BE ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, AND NOTIFY THE PROPER TOWN AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY. THE OWNER SHALL BE RESPONSIBLY FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
- THE CONTRACTOR SHALL REQUEST THE TOWN'S ENGINEER TO INSPECT AND APPROVE THE INSTALLATION OF ALL EROSION CONTROL MEASURES PRIOR TO THE START OF CONSTRUCTION. PERIODIC INSPECTIONS OF EROSION CONTROL MEASURES MAY BE PERFORMED BY THE AGENT, THE CONTRACTOR SHALL REPAIR, UPGRADE OR REPAIR ANY MEASURES THE AGENT MAY FEEL ARE IN NEED OF SUCH.
- STOCKPILES OF SOIL SHALL BE SURROUNDED BY A SEDIMENT BARRIER. SOIL STOCKPILES TO BE LEFT BARE FOR MORE THAN FIFTEEN (15) DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH. IF STOCKPILES ARE TO REMAIN FOR MORE THAN SIXTY (60) DAYS, FILTER FABRIC SHALL BE USED IN PLACE OF STRAW WATTLE. SIDE SLOPES SHALL NOT EXCEED 2:1.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF HIS CONTRACT. DUST CONTROL SHALL INCLUDE BUT NOT LIMITED TO SPRINKLING WATER ON EXPOSED SOILS AND HAUL ROADS. CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC ON ADJACENT ROADWAYS.
- SEDIMENT SHALL BE REMOVED ONCE THE VOLUME REACHES 1/4 TO 1/2 THE HEIGHT OF THE SILT FENCE OR STRAW WATTLE.
- ALL STOCKPILES SHALL BE SURROUNDED BY SEDIMENT CONTROLS.
- DISTURBED AREAS REMAINING IDLE FOR MORE THAN 14 DAYS SHALL BE STABILIZED.
- ALL FACILITIES USED AS TEMPORARY MEASURES SHALL BE CLEANED PRIOR TO BEING PUT INTO FINAL OPERATION.
- COMPOST SOCK OR APPROVED EQUAL TO BE PLACED AT ALL CRITICAL AREAS AT THE DIRECTION OF THE ENGINEER.
- ALL STRAW WATTLES TO BE DETACHED AFTER CONSTRUCTION AND SPREAD ON SITE TO DECOMPOSE ORGANICALLY.

TEMPORARY SEDIMENT TRAP	DIMENSIONS	REQUIRED VOLUME (C.F.)	PROVIDED VOLUME (C.F.)
TST-1	3' x 45' x 75'	4320 CF (1.2± Acres x 134 cu.yd.)	5,130 CF

TEMPARY SEDIMENT TRAP

SUBJECT TO A COVENANT DULY EXECUTED DATED THE _____ DAY OF _____, RUNNING WITH THE LAND, TO BE DULY RECORDED BY OR FOR THE OWNER OF RECORD, THIS PLAN IS SUBJECT TO ALL CONDITIONS OF THE CUMBERLAND PLANNING BOARD CERTIFICATE OF ACTION DATED _____ FILED WITH THE CUMBERLAND TOWN CLERK ON _____ AND HEREWITHTH RECORDED AS A PART OF THIS PLAN.

I HEREBY CERTIFY THAT THERE HAS BEEN NO APPEAL TAKEN TO THIS PLANNING BOARD ACTION DURING THE 20 DAY STATUTORY APPEAL PERIOD.

DATE: _____
 TOWN CLERK, TOWN OF CUMBERLAND.

CUMBERLAND PLANNING BOARD
 APPROVED UNDER SUBDIVISION CONTROL LAW

EROSION CONTROL PLAN

"MENARD ESTATES"
 3650 DIAMOND HILL ROAD, CUMBERLAND RI 02864
 ASSESSORS MAP 42 LOT 5

APPLICANT: **HALEYS LLC**
 44 AUSTIN DRIVE, CUMBERLAND, RI 02864

JOB # 20-034 SCALE: 1" = 40' DRAWN BY: CEA DATE: JUNE 11, 2021

REVISED: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

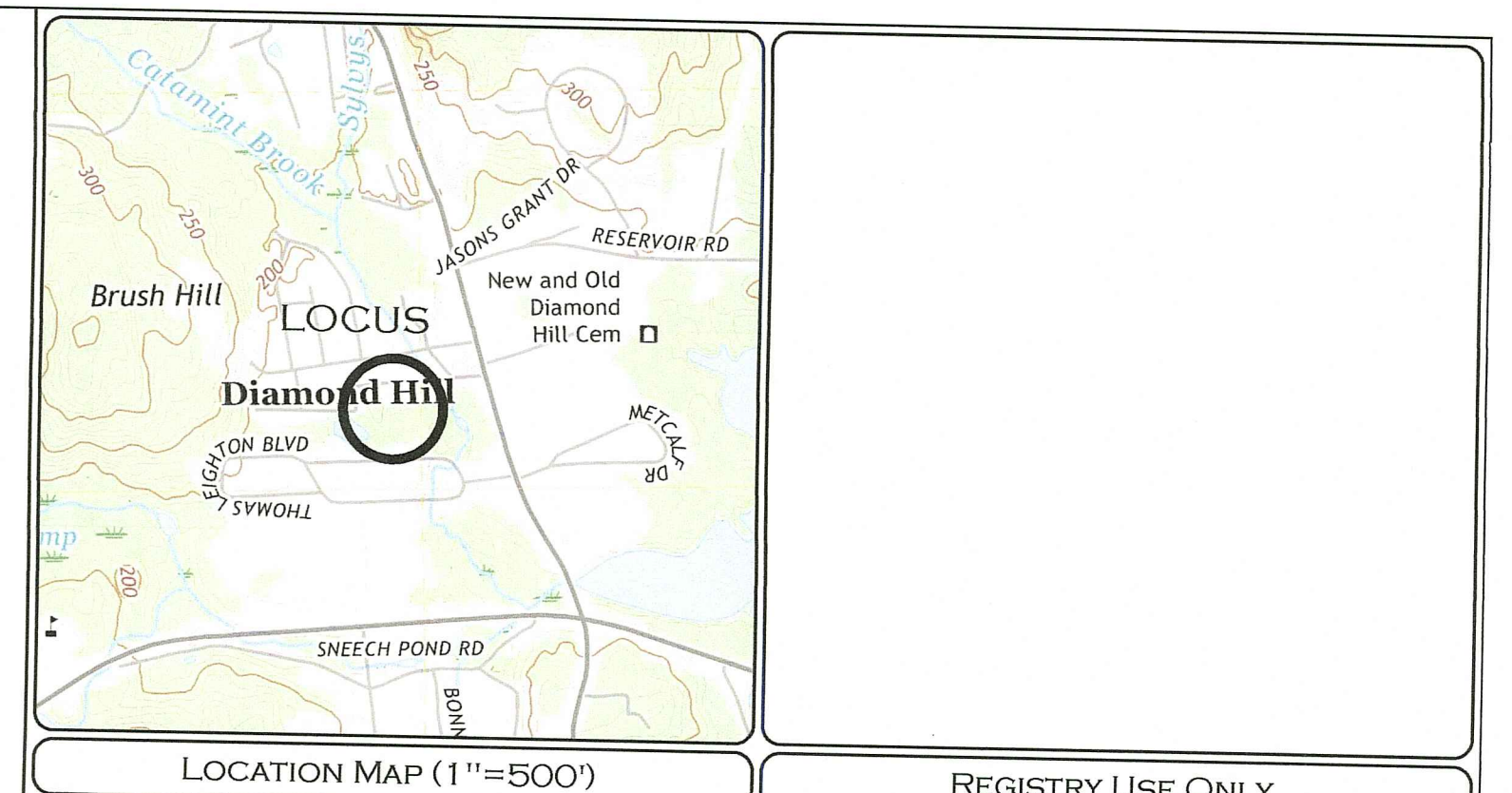
PAUL D. CARLSON
 No. 7142
 REGISTERED PROFESSIONAL ENGINEER CIVIL
 PROFESSIONAL SEAL

INSITE Engineering Services, LLC
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InSite Professional Complex, Suite 1
 1539 Fall River Avenue Seekonk, MA 02771
 Phone: (508) 336-4500 Fax: (508) 336-4558
 Web Address: InSiteEngineers.com

SHEET 7 OF 8

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REGISTRY USE ONLY

NOTES:
 1. LOT SHOWN IS DESIGNATED AS LOT 5 ON CUMBERLAND ASSESSORS MAP 42
 2. ZONING DISTRICT: RESIDENTIAL ONE HOUSE - LOW DENSITY "R-1"
 3. OWNER OF RECORD: - HALEYS LLC
 44 AUSTIN DRIVE
 CUMBERLAND, RI 02864
 BOOK 1844 PAGE 108
 4. WETLAND DELINEATED AND LOCATED VIA GPS BY NATURAL RESOURCE SERVICES. WETLAND AND RIVERFRONT FLAGS APPROVED BY WITH RIDEEM.
 5. SITE IS LOCATED IN FEMA FLOOD ZONE X (AREA OF MINIMAL FLOOD HAZARD) AS SHOWN ON FIRM PANEL 44007C 0185 G EFFECTIVE ON MARCH 2, 2009.
 6. ELEVATIONS BASED ON NAD83 RI STATE PLANE & ARE BASED ON RI STATE PLANE COORDINATES.

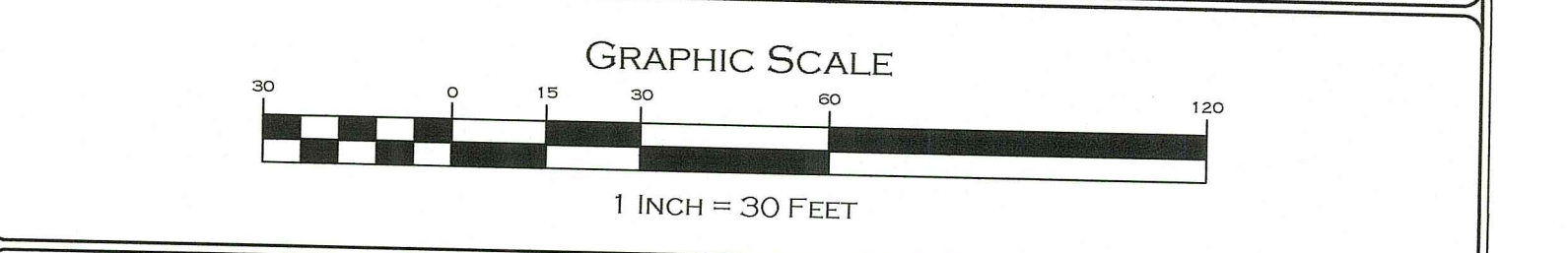
LANDSCAPE NOTES:
 1. SPECIES SHALL BE SUITABLE FOR U.S.D.A. ZONE 5 HARDINESS. USE OF NATIVE VEGETATION IS STRONGLY ENCOURAGED, AND USE OF OBSERVED OR KNOWN INVASIVE SPECIES IS PROHIBITED.
 2. THE APPROVED PLANT LIST REFERENCE IS ENTITLED SUSTAINABLE TREES AND SHRUBS, THIRD EDITION, AND 1999, AUTHORED BY THE UNIVERSITY OF RHODE ISLAND COOPERATIVE EXTENSION LANDSCAPE HORTICULTURE PROGRAM.

BUFFER NOTES:
 1. EXISTING MATURE TREES SHALL BE MAINTAINED TO A MAXIMUM EXTENT POSSIBLE. A DENSE EVERGREEN SCREEN SHALL BE ADDED ALONG WITH ALL CLEARED PROPERTY LINES.
 2. EXISTING TREES ARE SUBJECT TO INSPECTION AND COULD BE REPLACED WITH STANDARD PLANT TYPES.

SUBJECT TO A COVENANT DULY EXECUTED DATED THE _____ DAY OF _____, RUNNING WITH THE LAND, TO BE DULY RECORDED BY OR FOR THE OWNER OF RECORD. THIS PLAN IS SUBJECT TO ALL CONDITIONS OF THE CUMBERLAND PLANNING BOARD CERTIFICATE OF ACTION DATED _____ FILED WITH THE CUMBERLAND TOWN CLERK ON _____ AND HEREWITH RECORDED AS A PART OF THIS PLAN.
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 TOWN CLERK, TOWN OF CUMBERLAND.

CUMBERLAND PLANNING BOARD
 APPROVED UNDER SUBDIVISION CONTROL LAW

TRAVERSE
 landscape architects
 150 Chestnut Street, 4th Floor
 Providence, RI 02903
 401-383-4950
 www.traversela.com



LANDSCAPE PLAN

"MENARD ESTATES"
 3650 DIAMOND HILL ROAD, CUMBERLAND RI, 02864
 ASSESSORS MAP 42 LOT 5

APPLICANT: HALEYS LLC
 44 AUSTIN DRIVE, CUMBERLAND, RI 02864
 JOB # 20-034 SCALE: 1" = 30' DRAWN BY: LJG DATE: MAY 5, 2021
 REVISION: SEPTEMBER 13, 2022 (MASTER/PRELIMINARY)-DEM

INSITE Engineering Services, LLC
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 InSite Professional Complex, Suite 1
 1539 Fall River Avenue Seekonk, MA 02771
 Phone: (508) 336-4500 Fax: (508) 336-4558
 Web Address: InSiteEngineers.com

PLANTING SCHEDULE

COMMON NAME	SCIENTIFIC NAME	SIZE	QUANTITY
OG RED MAPLE	<i>Acer rubrum</i>	3-3 1/2" CAL.	12
RS RED MAPLE	<i>Acer rubrum</i>	3-3 1/2" CAL.	4

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 NOTE PER DEM:
 Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED: NOV 18 2022 FILE # 22-0146
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Environmental Management
 SEP 15 2022
 Office of Water Resources

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