

# RIDEM SUBMISSION

# DOUGLAS SOLAR

LOCATED ON MATTITY ROAD  
 NORTH SMITHFIELD, RHODE ISLAND  
 ASSESSOR'S PLAT 10 LOT 218



LOCATION MAP SCALE: 1"=2000'

## SHEET INDEX

- 1 COVER
- 2 AERIAL AND HALF MILE RADIUS
- 3 NOTES AND LEGEND
- 4 EXISTING CONDITIONS PLAN
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- 7 CONSERVATION AREA AND WALKING TRAIL PLAN
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- 9 POND A & B DETAILS
- 10 POND C DETAILS
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- 13 DETAIL SHEET - 2

## LI-L4 LANDSCAPING PLAN - BY OTHERS

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: APR 15 2025 FILE #: 23-0263  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

SESC / O&M  
 THE SOIL EROSION AND SEDIMENT CONTROL PLAN  
 (SESC) AND STORMWATER OPERATION AND  
 MAINTENANCE PLAN (O&M) ARE REQUIRED DOCUMENTS  
 WITH THIS PLAN SET AND MUST BE MAINTAINED BY THE  
 CONTRACTOR AND OWNER ON SITE.

**Diprete Engineering**  
 Two Stafford Court, Cranston, RI 02920  
 tel: 401-943-1000 fax: 401-64-6006 www.diprete-eng.com  
 Boston • Providence • Newport

BRENNA GUAY  
 No. 13738  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED, SIGNED AND DATED BY THE REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.  
 DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING TITLE BLOCK STAMPED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY.  
 THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, MATERIALS, AND SEQUENCES OF CONSTRUCTION IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.  
 ONLY THE SIGNER ON THIS PLAN ASSUMES RESPONSIBILITY FOR ONLY DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR SEE THESE NOTES ON SHEET 1.

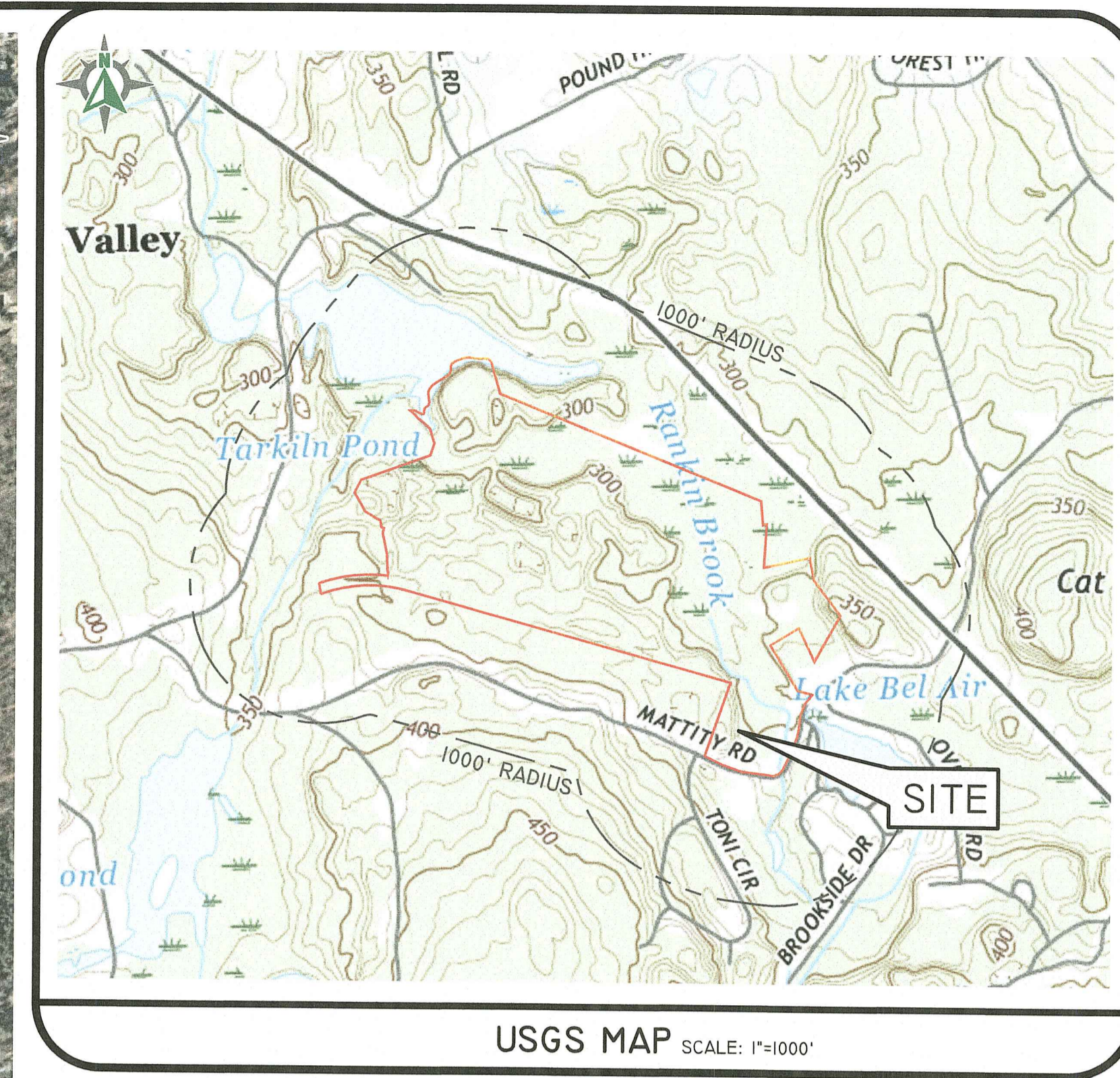
NO.	DATE	DESCRIPTION	BY	DESIGN BY
1	04/07/2025	DIRECT RESPONSE TO COMMENTS #2	B.E.G.	B.E.G.
2	02/27/2025	DIRECT RESPONSE TO COMMENTS #2	B.E.G.	B.E.G.
3	12/17/2024	DESIGN TO CORRECT	B.E.G.	B.E.G.

COVER  
 DOUGLAS PIKE SOLAR  
 ASSESSOR'S PLAT 10 LOT 218  
 NORTH SMITHFIELD, RHODE ISLAND  
 PREPARED FOR:  
**ANTHONY DELVICARIO**  
 43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
 TEL: 401-752-9299

Z:\RIDEM\PROJECTS\2024\08 DOUGLAS PIKE SOLAR\AUTOCAD DRAWINGS\2408-008-CIVIL-DWG PLOTTER: 4/9/2025

Volume I  
 (Sheets 1-17) #23-0263

Z:\DEVELOPMENT\PROJECTS\1648-008 DOUGLAS PIKE SOLAR\AUTOCAD DRAWINGS\2428-008-CVAR.DWG PLOTTEE: 4/9/2025



USGS MAP SCALE: 1"=1000'

PHOTO OBTAINED FROM NEARMAP. DATE OF PHOTOGRAPHY 03/30/2023.  
SCALE: 1"=500'

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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BRENNA GUAY  
No. 13738  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS ACCOMPANIED BY THE ORIGINAL SET OF CONTRACT DOCUMENTS AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER OF APPLICABLE ENGINEERING.  
DIPRETE ENGINEERING ONLY WARRANTS PLANS AS A DIPRETE PROFESSIONAL ENGINEER OF APPLICABLE ENGINEERING. DIPRETE PROFESSIONAL ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY. THE USER ASSUMES ALL LIABILITY FOR THE ACCURACY, COMPLETENESS, AND FITNESS FOR PURPOSE, SAFETY, REGULATIONS AND REQUIREMENTS, AND OTHER INFORMATION IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.  
EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF ANY UTILITIES SHOWN OR THE LOCATION OF EXISTING UTILITIES. SEE UTILITY NOTE ON SHEET 5.

NO.	DATE	DESCRIPTION	BY: B.E.G.
1	03/02/2025	PROJECT RESPONSE TO COMMENTS # 1	B.E.G.
2	03/27/2025	PROJECT RESPONSE TO COMMENTS # 2	B.E.G.
3	04/17/2025	PROJECT RESPONSE TO COMMENTS # 3	B.E.G.
4	04/17/2025	PROJECT RESPONSE TO COMMENTS # 4	B.E.G.
5	04/17/2025	PROJECT RESPONSE TO COMMENTS # 5	B.E.G.
6	04/17/2025	PROJECT RESPONSE TO COMMENTS # 6	B.E.G.
7	04/17/2025	PROJECT RESPONSE TO COMMENTS # 7	B.E.G.
8	04/17/2025	PROJECT RESPONSE TO COMMENTS # 8	B.E.G.
9	04/17/2025	PROJECT RESPONSE TO COMMENTS # 9	B.E.G.
10	04/17/2025	PROJECT RESPONSE TO COMMENTS # 10	B.E.G.
11	04/17/2025	PROJECT RESPONSE TO COMMENTS # 11	B.E.G.
12	04/17/2025	PROJECT RESPONSE TO COMMENTS # 12	B.E.G.
13	04/17/2025	PROJECT RESPONSE TO COMMENTS # 13	B.E.G.
14	04/17/2025	PROJECT RESPONSE TO COMMENTS # 14	B.E.G.
15	04/17/2025	PROJECT RESPONSE TO COMMENTS # 15	B.E.G.
16	04/17/2025	PROJECT RESPONSE TO COMMENTS # 16	B.E.G.
17	04/17/2025	PROJECT RESPONSE TO COMMENTS # 17	B.E.G.
18	04/17/2025	PROJECT RESPONSE TO COMMENTS # 18	B.E.G.
19	04/17/2025	PROJECT RESPONSE TO COMMENTS # 19	B.E.G.
20	04/17/2025	PROJECT RESPONSE TO COMMENTS # 20	B.E.G.
21	04/17/2025	PROJECT RESPONSE TO COMMENTS # 21	B.E.G.
22	04/17/2025	PROJECT RESPONSE TO COMMENTS # 22	B.E.G.
23	04/17/2025	PROJECT RESPONSE TO COMMENTS # 23	B.E.G.
24	04/17/2025	PROJECT RESPONSE TO COMMENTS # 24	B.E.G.
25	04/17/2025	PROJECT RESPONSE TO COMMENTS # 25	B.E.G.
26	04/17/2025	PROJECT RESPONSE TO COMMENTS # 26	B.E.G.
27	04/17/2025	PROJECT RESPONSE TO COMMENTS # 27	B.E.G.
28	04/17/2025	PROJECT RESPONSE TO COMMENTS # 28	B.E.G.
29	04/17/2025	PROJECT RESPONSE TO COMMENTS # 29	B.E.G.
30	04/17/2025	PROJECT RESPONSE TO COMMENTS # 30	B.E.G.
31	04/17/2025	PROJECT RESPONSE TO COMMENTS # 31	B.E.G.
32	04/17/2025	PROJECT RESPONSE TO COMMENTS # 32	B.E.G.
33	04/17/2025	PROJECT RESPONSE TO COMMENTS # 33	B.E.G.
34	04/17/2025	PROJECT RESPONSE TO COMMENTS # 34	B.E.G.
35	04/17/2025	PROJECT RESPONSE TO COMMENTS # 35	B.E.G.
36	04/17/2025	PROJECT RESPONSE TO COMMENTS # 36	B.E.G.
37	04/17/2025	PROJECT RESPONSE TO COMMENTS # 37	B.E.G.
38	04/17/2025	PROJECT RESPONSE TO COMMENTS # 38	B.E.G.
39	04/17/2025	PROJECT RESPONSE TO COMMENTS # 39	B.E.G.
40	04/17/2025	PROJECT RESPONSE TO COMMENTS # 40	B.E.G.
41	04/17/2025	PROJECT RESPONSE TO COMMENTS # 41	B.E.G.
42	04/17/2025	PROJECT RESPONSE TO COMMENTS # 42	B.E.G.
43	04/17/2025	PROJECT RESPONSE TO COMMENTS # 43	B.E.G.
44	04/17/2025	PROJECT RESPONSE TO COMMENTS # 44	B.E.G.
45	04/17/2025	PROJECT RESPONSE TO COMMENTS # 45	B.E.G.
46	04/17/2025	PROJECT RESPONSE TO COMMENTS # 46	B.E.G.
47	04/17/2025	PROJECT RESPONSE TO COMMENTS # 47	B.E.G.
48	04/17/2025	PROJECT RESPONSE TO COMMENTS # 48	B.E.G.
49	04/17/2025	PROJECT RESPONSE TO COMMENTS # 49	B.E.G.
50	04/17/2025	PROJECT RESPONSE TO COMMENTS # 50	B.E.G.

**AERIAL AND HALF MILE RADIUS**  
DOUGLAS PIKE SOLAR  
ASSESSOR'S PLAT 10 LOT 218  
NORTH SMITHFIELD, RHODE ISLAND  
PREPARED FOR:  
ANTHONY DELVICARIO  
43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
TEL 401-752-9299  
DRAWN BY: B.E.G. DESIGN BY: B.E.G.

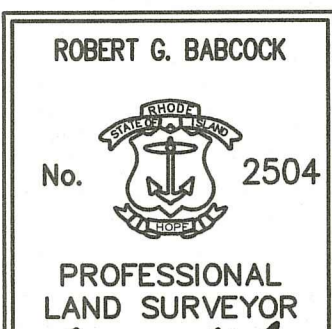


PLAN REFERENCES

- 1. RIHP NO. 132.
2. RIGHT OF WAY TRACK MAP, THE NEW YORK, NEW HAVEN AND HARTFORD R.R. CO., OPERATED BY THE NEW YORK NEW HAVEN AND HARTFORD R.R. CO., FROM PROVIDENCE TO DOUGLAS JUNCTION, STATION 801+40 TO STATION 858+20, TOWN OF NO. SMITHFIELD, STATE OF R.I., SCALE 1"=100', DATED JUNE 30, 1915, OFFICE OF VALUATION ENGINEER, BOSTON MASS.
NORTH SMITHFIELD
3. DIVISION OF LAND FOR RICHARD J. & DIANA BEACHEMIN, DOUGLAS PIKE, NORTH SMITHFIELD, R.I., SCALE 1"=20', DATED OCTOBER, 1989, PLAN BY LEO A. DENERS, RECORDED ON SHELF 30.
4. DIVISION AND MERGER OF "GOLD FARM" TO BE OWNED BY BEL AIR REALTY, LLC, THE DAVID M. GOLD QUALIFIED PERSONAL RESIDENCE TRUST NO. S.I., 2 & 3 & THE MARCIA I. GOLD QUALIFIED PERSONAL RESIDENCE TRUST NO. S.I., 2 & 3, NORTH SMITHFIELD, RHODE ISLAND, SCALE 1"=50', DATED JANUARY 16, 1996, PLAN BY MARC N. NYBERG ASSOCIATES, INC., RECORDED IN CABINET 36-B.
5. ADMINISTRATIVE SUBDIVISION FOR THE TOWN OF BURRILLVILLE OF "TARKLIN POND", A.P. 10 LOT 10, TARKLIN & MOWRY ROADS, NORTH SMITHFIELD, RHODE ISLAND, SCALE 1"=80', DATED JANUARY, 1997, PLAN BY NATIONAL SURVEYORS-DEVELOPERS INC., RECORDED IN CABINET 47-A.
6. THE BRAIS SUBDIVISION, MINOR SUBDIVISION - FINAL PLAN, FOR OWNERS: BERTRAND D. & MARY LOU BRAIS, A.P. 10, LOT 21, NORTH SMITHFIELD, RHODE ISLAND, SCALE 1"=60', DATED AUGUST 10, 2006, PLAN BY TERRENCE J. GREENLIEFT, P.L.S., RECORDED IN PLAN BOOK I, PAGE 210.
7. ADMINISTRATIVE SUBDIVISION PLAN IN SMITHFIELD, R.I., MATTITY ROAD, PREPARED FOR DOLRONG REALTY LLC, SCALE 1"=80', DATED JUNE 29, 2007, PLAN BY ANDREWS SURVEYING AND ENGINEERING, INC., RECORDED IN PLAN BOOK I, PAGE 209.
8. ADMINISTRATIVE SUBDIVISION FOR RONALD & DOLORES GRIFFIN, PATRICIA GRIFFIN, PLAT 10, LOTS 136 & 151, NORTH SMITHFIELD, RHODE ISLAND, SCALE 1"=80', DATED SEPTEMBER 4, 2012, PLAN BY MARC N. NYBERG ASSOCIATES, INC., RECORDED IN PLAN BOOK I, PAGE 311.

BURRILLVILLE

- 9. LAND IN BURRILLVILLE, RHODE ISLAND, SURVEYED FOR CUMBERLAND LOAN & INSURANCE, INC., SCALD 1"=100', DATED MAY, 1976, PLAN BY A.E. FALLON, RECORDED IN PLAN BOOK 8, PAGE 18 AND 19.
10. PLAN OF LAND TO BE CONVEYED TO TIMOTHY J. DANENEAU, NICHOLS ROAD, BURRILLVILLE R.I., BLOCK 39, LOTS 13 & 14, SCALE 1"=60', DATED DECEMBER 11, 1992, PLAN BY ROBERT OLIVER JR., RECORDED IN PLAN BOOK 22, PAGE 2.
11. ADMINISTRATIVE SUBDIVISION FOR THE TOWN OF BURRILLVILLE OF "THE SNIZEK PROPERTY", MAP 166 LOTS 10, 12, & 14, TARKLIN & MOWRY ROADS, BURRILLVILLE & NORTH SMITHFIELD, RHODE ISLAND, SCALE 1"=100', DATED NOVEMBER, 1996, PLAN BY NATIONAL SURVEYORS-DEVELOPERS INC., RECORDED IN PLAN BOOK 23, PAGE 43.
12. ADMINISTRATIVE SUBDIVISION FOR G. RENE & EARL BOULEY, 1535 TARKLIN ROAD, HARRISVILLE, R.I. 02830, AP 166 LOT 15 & AP 183 LOT 33, TARKLIN ROAD, BURRILLVILLE, RHODE ISLAND, SCALE 1"=100', DATED JANUARY 15, 1999, PLAN BY NATIONAL SURVEYORS-DEVELOPERS INC., RECORDED IN PLAN BOOK 24, PAGE 17.
13. ADMINISTRATIVE SUBDIVISION FOR TIMOTHY DANENEAU, MAP 183 LOT 23 & JACQUES C. DANENEAU, MAP 183 LOT 29, NICHOLS ROAD & TARKLIN ROAD, BURRILLVILLE, RHODE ISLAND, SCALE 1"=100', DATED FEBRUARY 3, 2006, PLAN BY NATIONAL SURVEYORS-DEVELOPERS INC., RECORDED IN PLAN BOOK 24, PAGE 41.
14. FINAL PLAN FOR TARKLIN ESTATES, ASSESSOR'S PLAT #166 LOT #15, TARKLIN ROAD, BURRILLVILLE, RHODE ISLAND, SCALE 1"=80', DATED SEPTEMBER, 2002, MARC N. NYBERG ASSOCIATES, RECORDED IN PLAN BOOK 2004, PAGE 37.
15. ADMINISTRATIVE PLAN, TARKLIN ESTATES, PLAT 116, LOTS 15 & 18 FOR JONATHAN & DIANE WHIPPLE, ARTHUR & DENISE BENOIT, BURRILLVILLE, RHODE ISLAND, SCALE 1"=80', DATED JULY 11, 2012, PLAN BY MARC N. NYBERG ASSOCIATES, RECORDED IN PLAN BOOK 2015, PAGE 6.



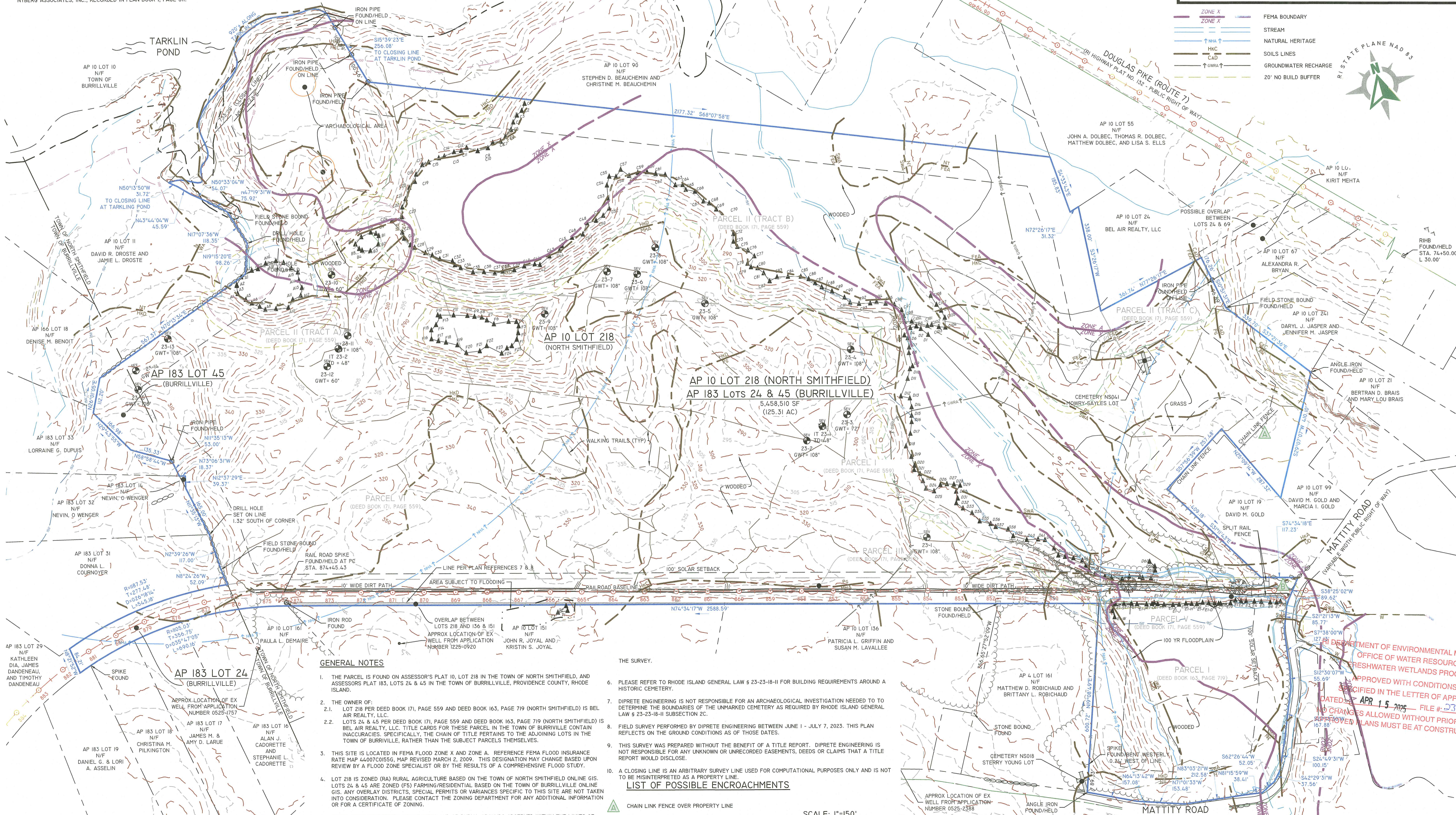
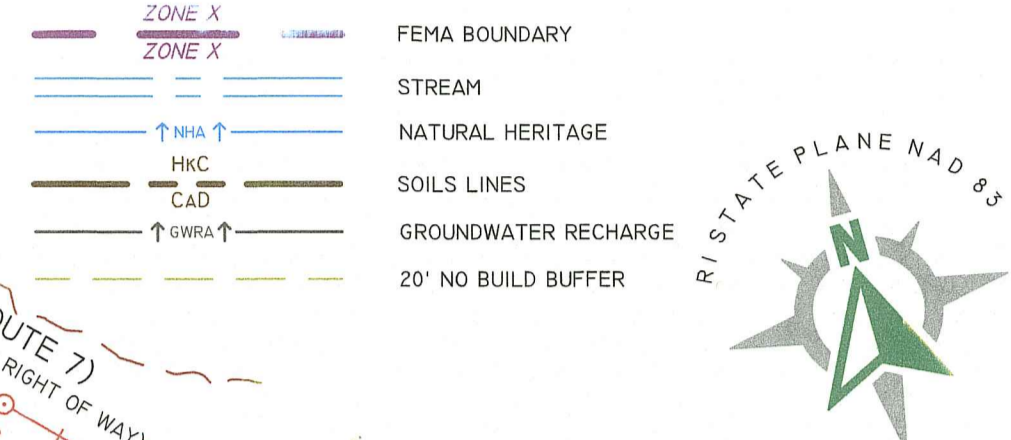
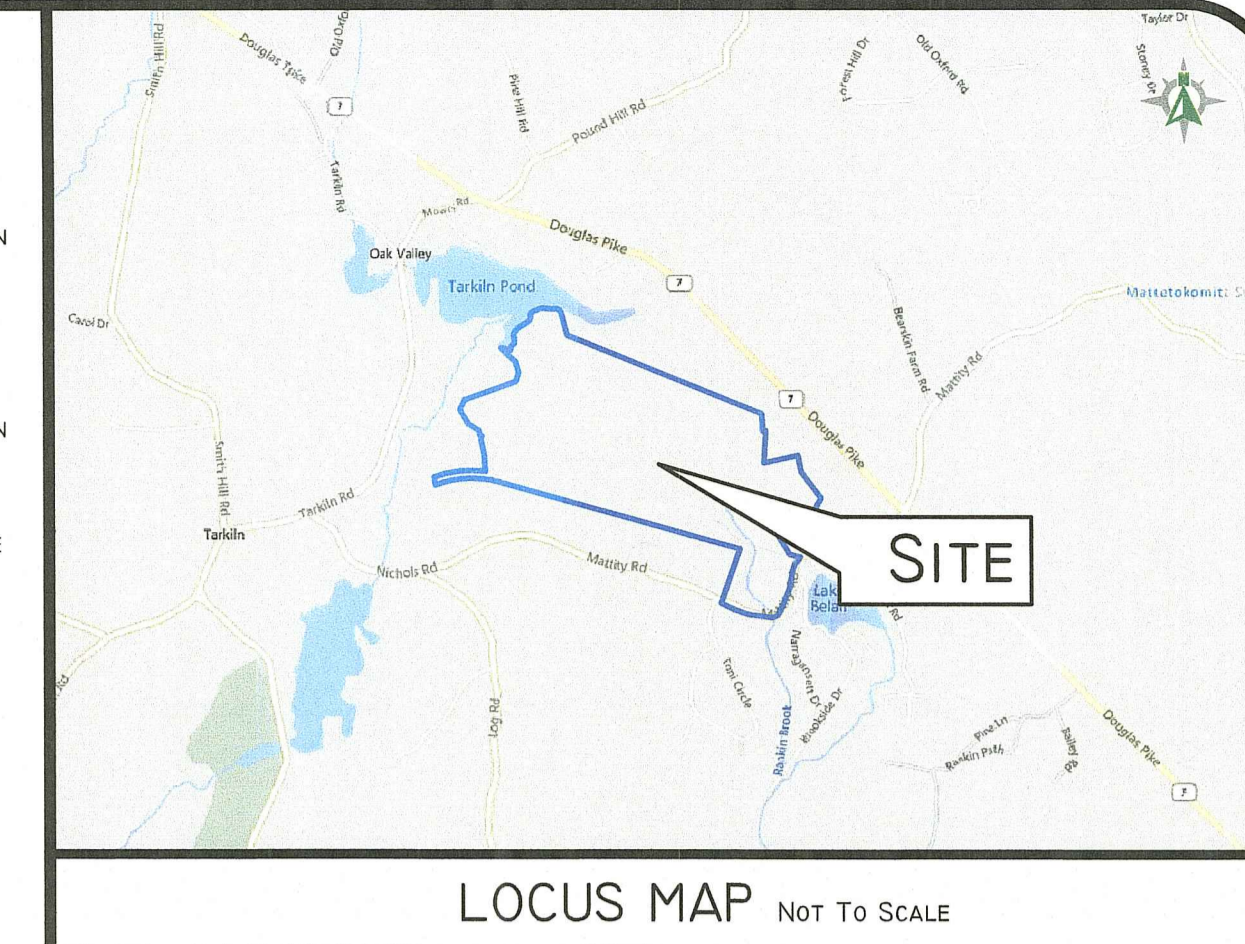
7/25/23

SURVEYOR'S CERTIFICATE

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO 435-RICR-00-001-9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:
LIMITED CONTENT BOUNDARY SURVEY (PERIMETER) CLASS I
THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: PERIMETER RETRACEMENT

LEGEND

- WATER LINE 123/1234
SEWER LINE
SEWER FORCE MAIN
GAS LINE
ELECTRIC LINE
OVERHEAD WIRES
DRAINAGE LINE
MINOR CONTOUR LINE
MAJOR CONTOUR LINE
PROPERTY LINE
ASSESSORS LINE
TREE LINE
GUARDRAIL
FENCE
RETAINING WALL
STONE WALL
DEED BOOK/PAGE
ASSESSOR'S PLAT
NOW OR FORMERLY
LANDSCAPING
CHORD ANGLE
RECORD
NAIL/SPIKE
DRILL HOLE
IRON ROD/PIPE
BOUND
SIGN POST
SEWER MANHOLE
SEWER CLEANOUT
HYDRANT
IRRIGATION VALVE
UNKNOWN MANHOLE
BOLLARD
SOIL EVALUATION
CATCH BASIN
DOUBLE CATCH BASIN
WATER VALVE
GAS VALVE
WETLAND FLAG
DRAINAGE MANHOLE
FLARED END SECTION
GLY POLE
ELECTRIC MANHOLE
UTILITY/POWER POLE
LIGHTPOST
WELL
MONITORING WELL
BENCH MARK
TREE



GENERAL NOTES

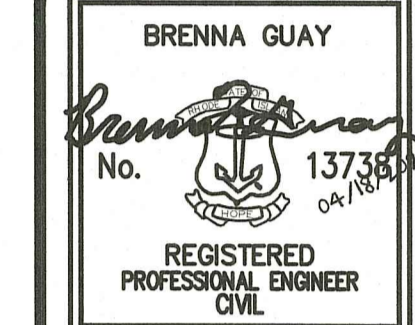
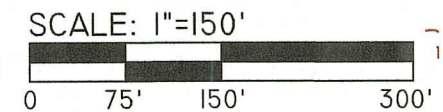
- 1. THE PARCEL IS FOUND ON ASSESSOR'S PLAT 10, LOT 218 IN THE TOWN OF NORTH SMITHFIELD, AND ASSESSORS PLAT 183, LOTS 24 & 45 IN THE TOWN OF BURRILLVILLE, PROVIDENCE COUNTY, RHODE ISLAND.
2. THE OWNER OF:
2.1. LOT 218 PER DEED BOOK 171, PAGE 559 AND DEED BOOK 163, PAGE 719 (NORTH SMITHFIELD) IS BEL AIR REALTY, LLC.
2.2. LOTS 24 & 45 PER DEED BOOK 171, PAGE 559 AND DEED BOOK 163, PAGE 719 (NORTH SMITHFIELD) IS BEL AIR REALTY, LLC. TITLE CARDS FOR THESE PARCEL IN THE TOWN OF BURRILLVILLE CONTAIN INACCURACIES. SPECIFICALLY, THE CHAIN OF TITLE PERTAINS TO THE ADJOINING LOTS IN THE TOWN OF BURRILLVILLE, RATHER THAN THE SUBJECT PARCELS THEMSELVES.
3. THIS SITE IS LOCATED IN FEMA FLOOD ZONE X AND ZONE A. REFERENCE FEMA FLOOD INSURANCE RATE MAP 140070155, MAP REVISED MARCH 2, 2009. THIS DESIGNATION MAY CHANGE BASED UPON REVIEW BY A FLOOD ZONE SPECIALIST OR BY THE RESULTS OF A COMPREHENSIVE FLOOD STUDY.
4. LOT 218 IS ZONED (RA) RURAL AGRICULTURE BASED ON THE TOWN OF NORTH SMITHFIELD ONLINE GIS. LOTS 24 & 45 ARE ZONED (F3) FARMING/RESIDENTIAL BASED ON THE TOWN OF BURRILLVILLE ONLINE GIS. ANY OVERLAY DISTRICTS, SPECIAL PERMITS OR VARIANCES SPECIFIC TO THIS SITE ARE NOT TAKEN INTO CONSIDERATION. PLEASE CONTACT THE ZONING DEPARTMENT FOR ANY ADDITIONAL INFORMATION OR FOR A CERTIFICATE OF ZONING.
5. THERE WERE CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS OBSERVED WITHIN THE LIMITS OF

THE SURVEY.

- 6. PLEASE REFER TO RHODE ISLAND GENERAL LAW § 23-23-18-II FOR BUILDING REQUIREMENTS AROUND A HISTORIC CEMETERY.
7. DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR AN ARCHAEOLOGICAL INVESTIGATION NEEDED TO TO DETERMINE THE BOUNDARIES OF THE UNMARKED CEMETERY AS REQUIRED BY RHODE ISLAND GENERAL LAW § 23-23-18-II SUBSECTION 2C.
8. FIELD SURVEY PERFORMED BY DIPRETE ENGINEERING BETWEEN JUNE 1 - JULY 7, 2023. THIS PLAN REFLECTS ON THE GROUND CONDITIONS AS OF THOSE DATES.
9. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR ANY UNKNOWN OR UNRECORDED EASEMENTS, DEEDS OR CLAIMS THAT A TITLE REPORT WOULD DISCLOSE.
10. A CLOSING LINE IS AN ARBITRARY SURVEY LINE USED FOR COMPUTATIONAL PURPOSES ONLY AND IS NOT TO BE MISINTERPRETED AS A PROPERTY LINE.

LIST OF POSSIBLE ENCROACHMENTS

- CHAIN LINK FENCE OVER PROPERTY LINE
MAINTAINED LAWN AREA AND STONE WALL OVER PROPERTY LINE



EXISTING CONDITIONS PLAN
DOUGLAS PIKE SOLAR
ASSESSORS PLAT 10 LOT 218 - NORTH SMITHFIELD, RHODE ISLAND
ASSESSORS PLAT 183 LOTS 24 & 45 - BURRILLVILLE, RHODE ISLAND
APPROVED FOR: ANTHONY DELVICARIO
DATE: APR 15 2023

**SESC NOTES:**

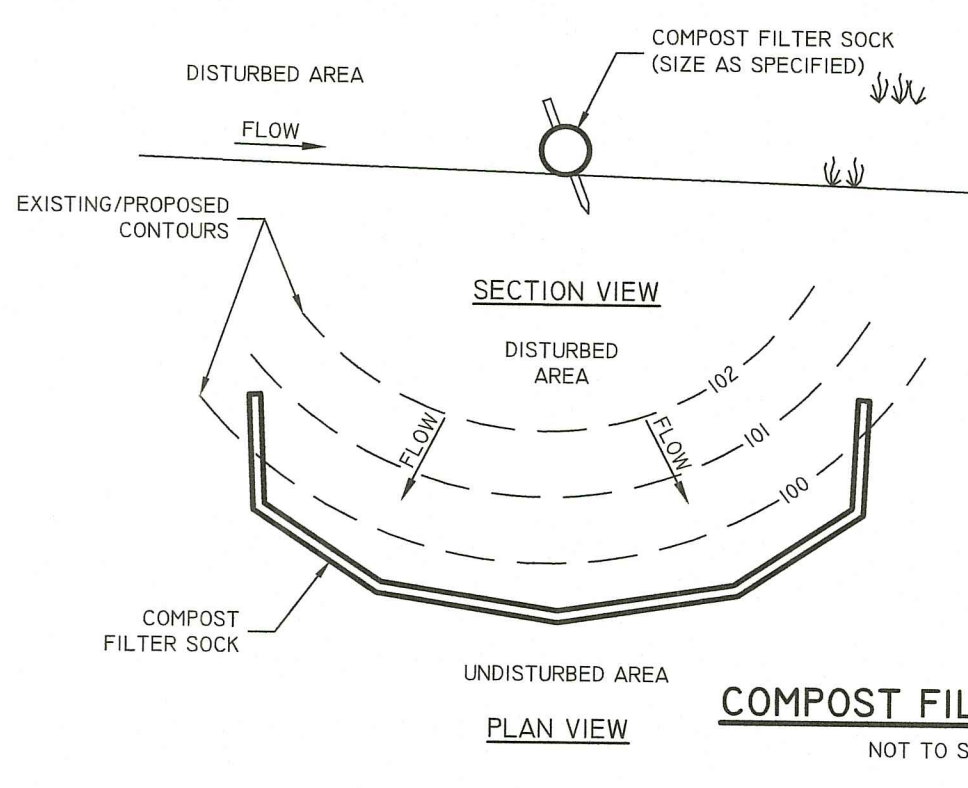
1. IN HATCHED AREAS (SLOPE GREATER THAN 15%) PLACE COMPOST FILTER SOCK ACCORDING TO SPACING LISTED IN RISESCH- SECTION 6, FIGURE-2 TABLE BELOW.
2. AT THE TOE OF SLOPES GREATER THAN 5:1 WATTLES AND FIBER ROLLS ARE TO BE AT LEAST 20 INCHES IN DIAMETER OR STACKED SMALLER DIAMETER ROLLS AS AN EQUIVALENT.

**NOTES:**

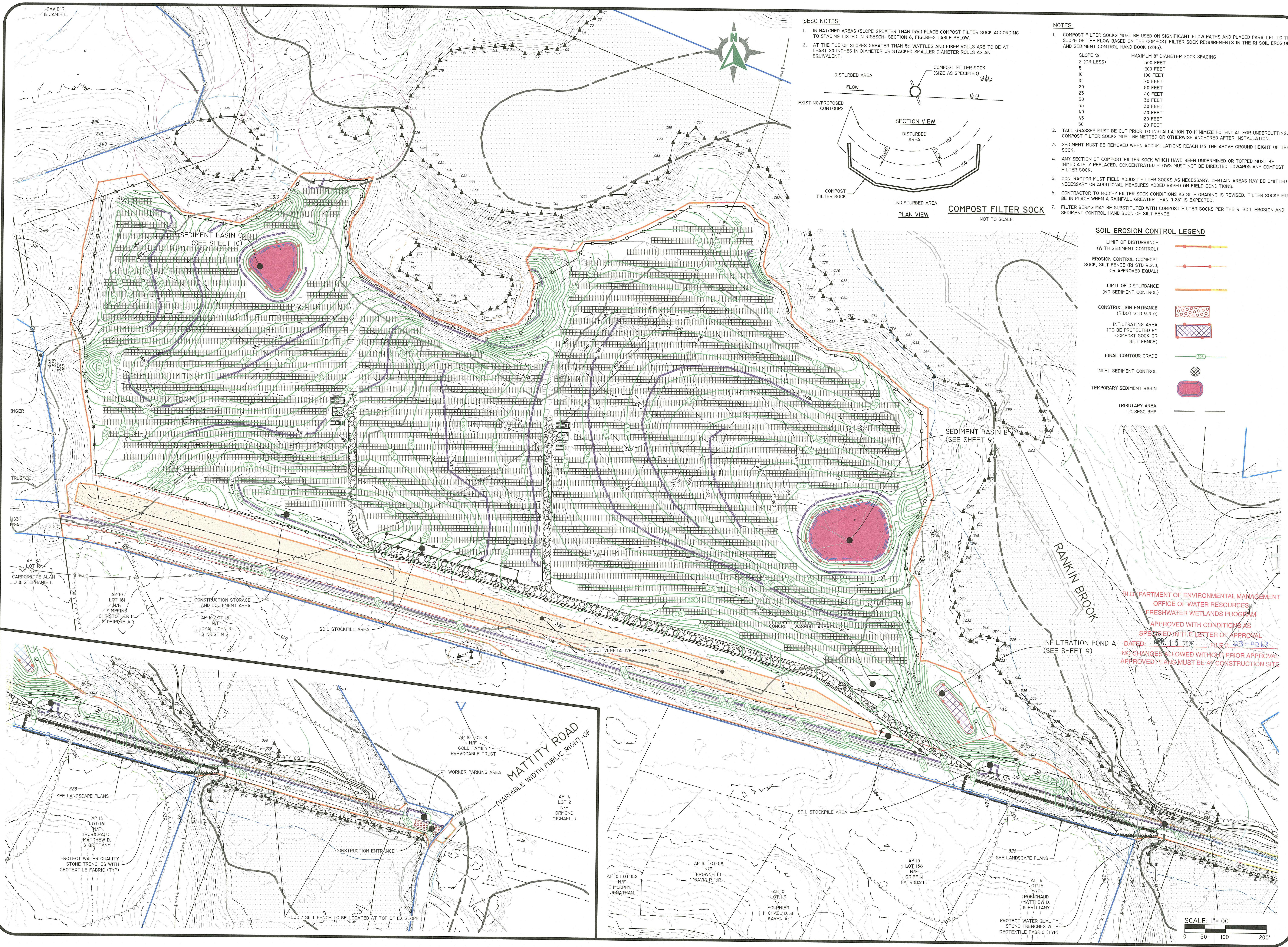
1. COMPOST FILTER SOCKS MUST BE USED ON SIGNIFICANT FLOW PATHS AND PLACED PARALLEL TO THE SLOPE OF THE FLOW BASED ON THE COMPOST FILTER SOCK REQUIREMENTS IN THE RI SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (2016).
2. TALL GRASSES MUST BE CUT PRIOR TO INSTALLATION TO MINIMIZE POTENTIAL FOR UNDERCUTTING. COMPOST FILTER SOCKS MUST BE BETTED OR OTHERWISE ANCHORED AFTER INSTALLATION.
3. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE ABOVE GROUND HEIGHT OF THE SOCK.
4. ANY SECTION OF COMPOST FILTER SOCK WHICH HAVE BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED. CONCENTRATED FLOWS MUST NOT BE DIRECTED TOWARDS ANY COMPOST FILTER SOCK.
5. CONTRACTOR MUST FIELD ADJUST FILTER SOCKS AS NECESSARY. CERTAIN AREAS MAY BE OMITTED AS NECESSARY OR ADDITIONAL MEASURES ADDED BASED ON FIELD CONDITIONS.
6. CONTRACTOR TO MODIFY FILTER SOCK CONDITIONS AS SITE GRADING IS REVISED. FILTER SOCKS MUST BE IN PLACE WHEN A RAINFALL GREATER THAN 0.25" IS EXPECTED.
7. FILTER BERMS MAY BE SUBSTITUTED WITH COMPOST FILTER SOCKS PER THE RI SOIL EROSION AND SEDIMENT CONTROL HANDBOOK OF SILT FENCE.

**SOIL EROSION CONTROL LEGEND**

LIMIT OF DISTURBANCE (WITH SEDIMENT CONTROL)	
EROSION CONTROL (COMPOST SOCK, SILT FENCE (RI STD 9.2.0, OR APPROVED EQUAL))	
LIMIT OF DISTURBANCE (NO SEDIMENT CONTROL)	
CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)	
INFILTRATING AREA (TO BE PROTECTED BY COMPOST SOCK OR SILT FENCE)	
FINAL CONTOUR GRADE	
INLET SEDIMENT CONTROL	
TEMPORARY SEDIMENT BASIN	
TRIBUTARY AREA TO SESC BMP	



**COMPOST FILTER SOCK**  
NOT TO SCALE



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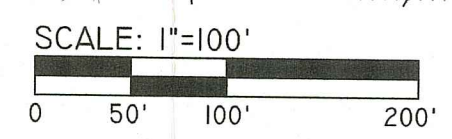
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 CIVIL

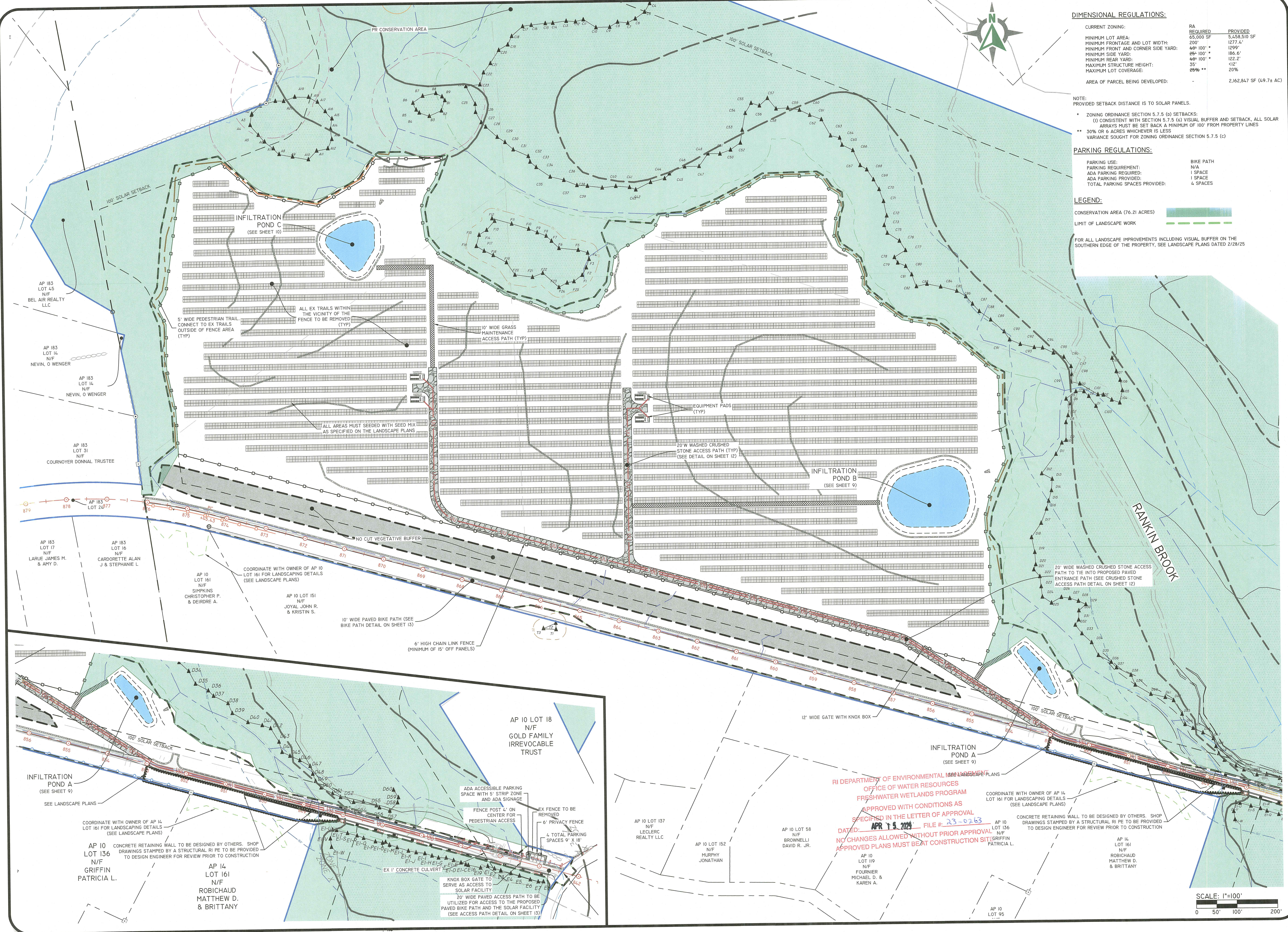
THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.  
 THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEASUREMENTS, SURVEYING, FIELD CONDITIONS, AND VERIFICATION OF THE PLAN AND THE IMPLEMENTATION OF THIS PLAN AND THE CONSTRUCTION OF THE PROJECT.  
 EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. DAMAGES INCURRED DUE TO ACCIDENTS OF EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.  
 SEE UTILITY NOTE ON SHEET 3.

NO.	DATE	DESCRIPTION	BY
1	10/09/2024	REVISION TO COMMENTS #2 (UPDATE)	B.E.G.
2	02/27/2025	REVISION TO COMMENTS #2 (UPDATE)	B.E.G.
3	12/13/2025	REVISION TO COMMENTS #2 (UPDATE)	B.E.G.
4	12/13/2025	REVISION TO COMMENTS #2 (UPDATE)	B.E.G.
5	12/13/2025	REVISION TO COMMENTS #2 (UPDATE)	B.E.G.

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
 DOUGLAS PIKE SOLAR  
 ASSESSMENTS AT LOT 218  
 NORTH SMITHFIELD, RHODE ISLAND  
 PREPARED FOR:  
 ANTHONY DELVICARIO  
 43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
 TEL 401-752-9299

Z:\02\PROJECTS\23-0267\23-0267-004-008-PLAN-DWG-PLT-016.dwg PLOT# 4/9/2025





**DIMENSIONAL REGULATIONS:**

CURRENT ZONING:	RA REQUIRED	PROVIDED
MINIMUM LOT AREA:	65,000 SF	5,438,510 SF
MINIMUM FRONTAGE AND LOT WIDTH:	200'	1277.4'
MINIMUM FRONT AND CORNER SIDE YARD:	40' 0" *	129' 0"
MINIMUM SIDE YARD:	40' 0" *	186.6'
MINIMUM REAR YARD:	40' 0" *	122.2'
MAXIMUM STRUCTURE HEIGHT:	35'	<12'
MAXIMUM LOT COVERAGE:	25% **	20%

AREA OF PARCEL BEING DEVELOPED: 2,162,847 SF (49.74 AC)

**NOTE:**  
 PROVIDED SETBACK DISTANCE IS TO SOLAR PANELS.  
 \* ZONING ORDINANCE SECTION 5.7.5 (g) SETBACKS.  
 (i) CONSISTENT WITH SECTION 5.7.5 (g) VISUAL BUFFER AND SETBACK, ALL SOLAR ARRAYS MUST BE SET BACK A MINIMUM OF 100' FROM PROPERTY LINES  
 \*\* 30% OR 6 ACRES WHICHEVER IS LESS  
 VARIANCE SOUGHT FOR ZONING ORDINANCE SECTION 5.7.5 (c)

**PARKING REGULATIONS:**

PARKING USE:	BIKE PATH
PARKING REQUIREMENT:	N/A
ADA PARKING REQUIRED:	1 SPACE
ADA PARKING PROVIDED:	1 SPACE
TOTAL PARKING SPACES PROVIDED:	4 SPACES

**LEGEND:**  
 CONSERVATION AREA (76.21 ACRES) [Green Hatched Box]  
 LIMIT OF LANDSCAPE WORK [Dashed Line]

FOR ALL LANDSCAPE IMPROVEMENTS INCLUDING VISUAL BUFFER ON THE SOUTHERN EDGE OF THE PROPERTY, SEE LANDSCAPE PLANS DATED 2/28/25

**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 Tel: 401-943-1000 Fax: 401-664-6006 www.diprete-eng.com  
 Boston • Providence • Newport

**BRENNIA GUAY**  
 No. 13738  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED, SIGNED FOR CONSTRUCTION AND STAMPED BY REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.  
 DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING PROJECT. THE WORK OF DIPRETE ENGINEERING, DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY.  
 THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE WORKS SHOWN IN CONFORMANCE WITH THE REQUIREMENTS OF THE RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND THE RI DEPARTMENT OF WATER RESOURCES.  
 ONLY DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR SEE UTILITY NOTES ON SHEETS 1-5.

NO.	DATE	DESCRIPTION	BY:
1	04/09/2025	100% RESPONSE TO COMMENTS #2 (UPDATE)	B.E.G.
2	02/27/2025	100% RESPONSE TO COMMENTS #1	B.E.G.
3	02/17/2025	100% RESPONSE TO COMMENTS #1	B.E.G.

DESIGN BY: B.E.G.  
 DRAWN BY: B.E.G.

**SITE LAYOUT PLAN**  
**DOUGLAS PIKE SOLAR**  
 ASSESSOR'S PLAT 10 LOT 218  
 NORTH SMITHFIELD, RHODE ISLAND

APR 09 2025  
 Office of Water Resources

PREPARED FOR:  
**ANTHONY DELVICARIO**  
 43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
 TEL 401-752-9299

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: APR 7 5 2025 FILE #: 23-0263  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

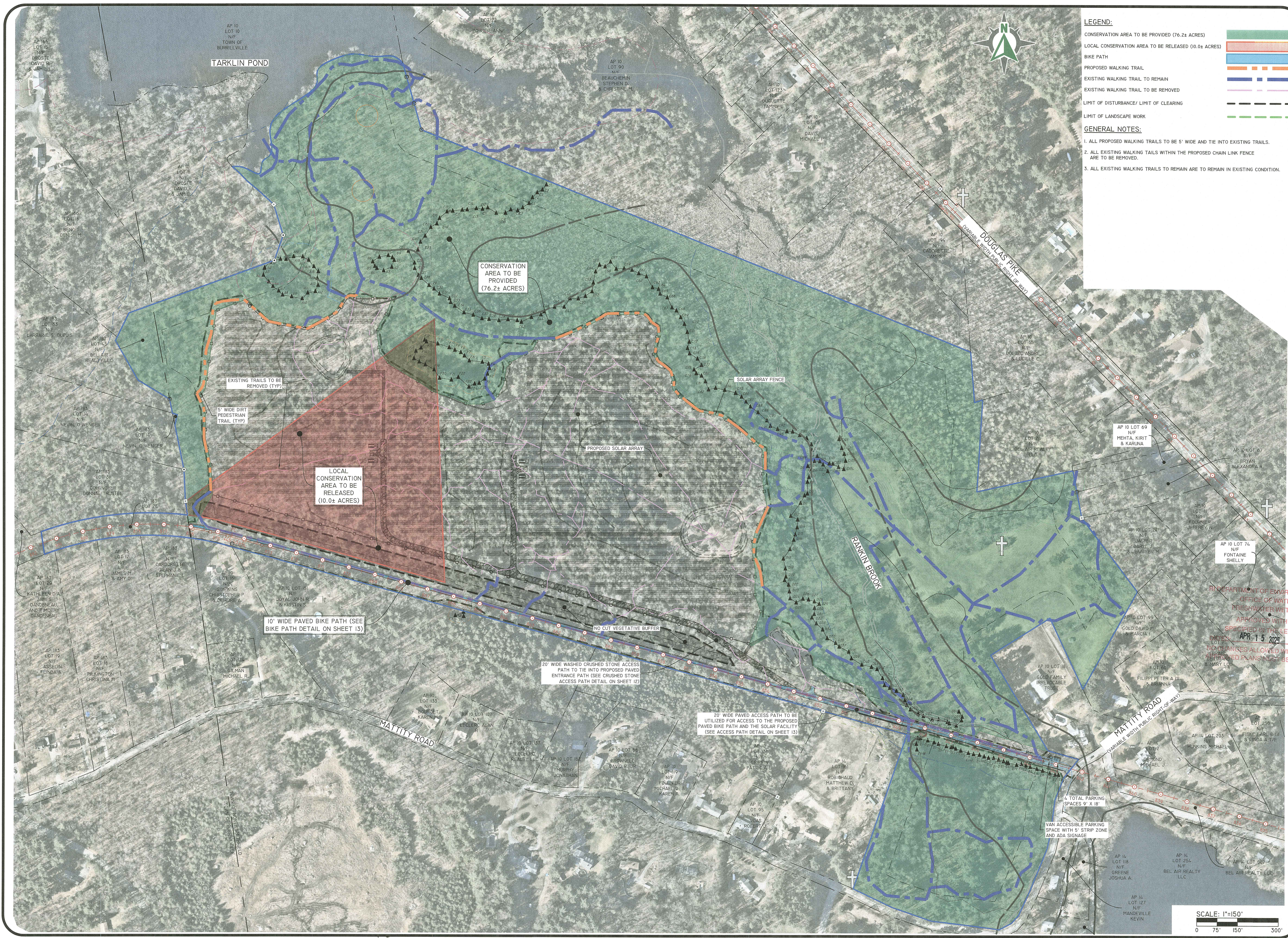
AP 10 LOT 137 N/F LECLERC REALTY LLC  
 AP 10 LOT 152 N/F MURPHY JONATHAN  
 AP 10 LOT 158 N/F BROWNELLI DAVID R. JR.  
 AP 10 LOT 119 N/F FOURNER MICHAEL D. & KAREN A.  
 AP 10 LOT 136 N/F GRIFFIN PATRICIA L.  
 AP 14 LOT 161 N/F ROBICHAUD MATTHEW D. & BRITTANY

SCALE: 1"=100'  
 0 50' 100' 200'

SHEET 6 OF 17

Z:\NEWHAM\PROJECTS\2428-208 DOUGLAS PIKE SOLAR\AUTOCAD DRAWINGS\04-09-2025-PLAN DWG PLUTED: 4/9/2025

Z:\DEVELOPMENT\PROJECTS\2024-2025\008-PLAN-DWG PLOTTER: 4/9/2025



**LEGEND:**

- CONSERVATION AREA TO BE PROVIDED (76.2± ACRES)
- LOCAL CONSERVATION AREA TO BE RELEASED (10.0± ACRES)
- BIKE PATH
- PROPOSED WALKING TRAIL
- EXISTING WALKING TRAIL TO REMAIN
- EXISTING WALKING TRAIL TO BE REMOVED
- LIMIT OF DISTURBANCE/ LIMIT OF CLEARING
- LIMIT OF LANDSCAPE WORK

**GENERAL NOTES:**

1. ALL PROPOSED WALKING TRAILS TO BE 5' WIDE AND TIE INTO EXISTING TRAILS.
2. ALL EXISTING WALKING TRAILS WITHIN THE PROPOSED CHAIN LINK FENCE ARE TO BE REMOVED.
3. ALL EXISTING WALKING TRAILS TO REMAIN ARE TO REMAIN IN EXISTING CONDITION.

**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 tel 401-949-1000 fax 401-946-6866 www.diprete-eng.com  
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**BRENNIA GUAY**  
 No. 13738  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

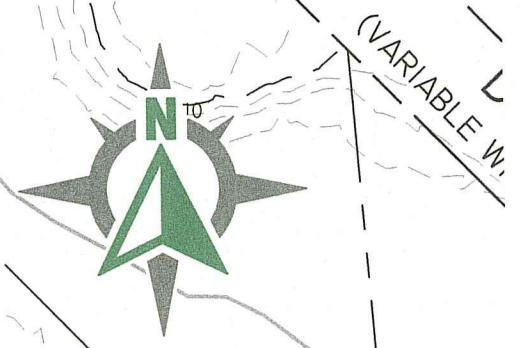
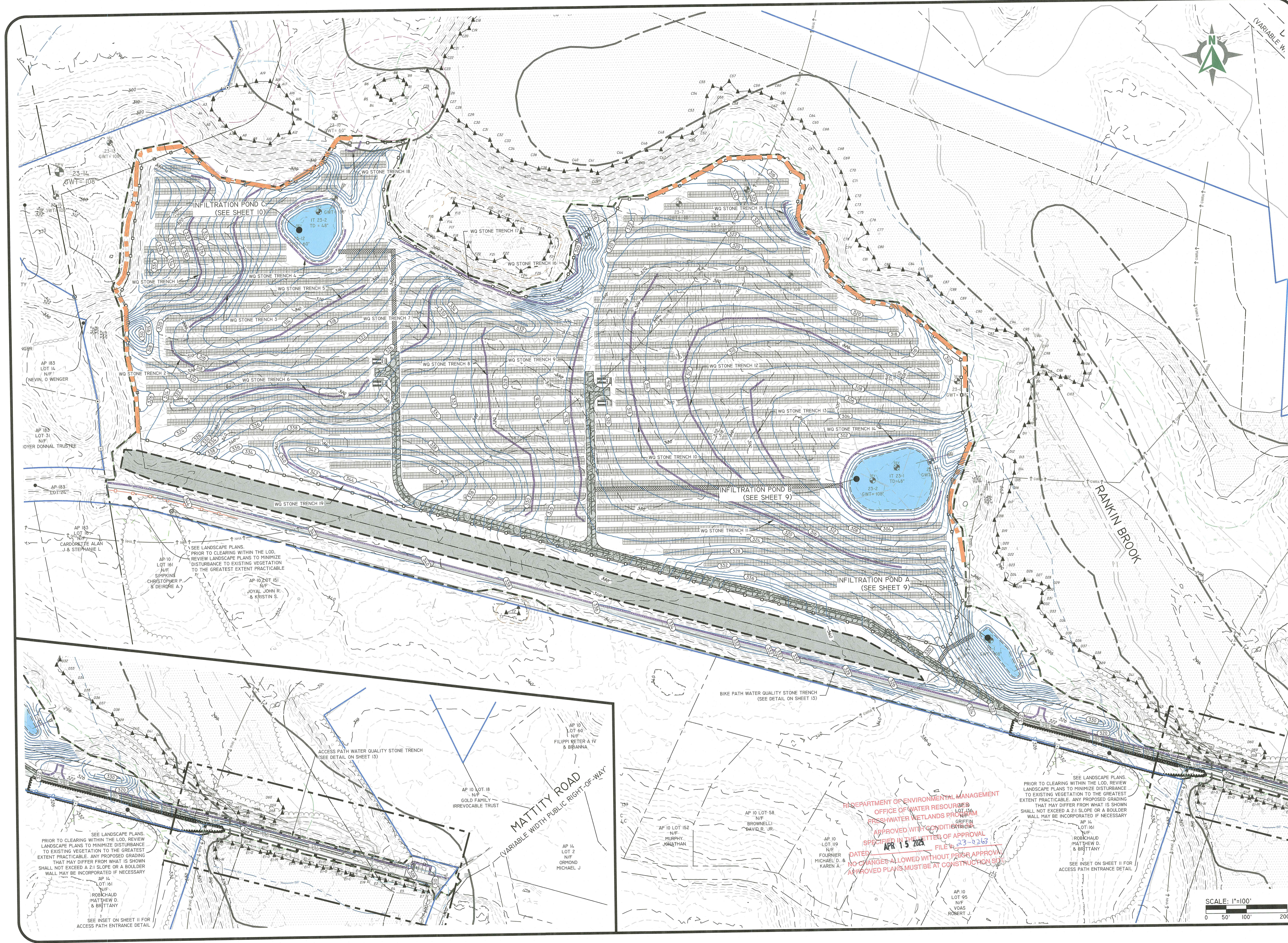
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 DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY.  
 THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE NEARBY UTILITIES. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITIES SHOWN ON THIS PLAN. AN APPROXIMATE ONLY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN ON THIS PLAN. SEE UTILITY NOTES ON SHEET 3.

NO.	DATE	DESCRIPTION	BY:
1	04/07/2025	DESIGN RESPONSE TO COMMENTS	B.E.G.
2	04/08/2025	REVISED RESPONSE TO COMMENTS	B.E.G.
3	04/09/2025	FINAL SUBMISSION RESPONSE TO COMMENTS	B.E.G.

DESIGN BY: B.E.G.  
 DRAWN BY: B.E.G.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 APR 15 2025 FILE # 23-026  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 BEST PRACTICES PLANS MUST BE AT CONSTRUCTION

**RI Environmental Management**  
 APR 09 2025  
 Office of Water Resources  
**CONSERVATION AREA AND WALKING TRAIL PLAN**  
**DOUGLAS PIKE SOLAR**  
 ASSESSOR'S PLAT 0 LOT 218  
 NORTH SMITHFIELD, RHODE ISLAND  
 PREPARED FOR  
**ANTHONY DELVICARIO**  
 43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
 TEL 401-752-9299



**Diprete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 tel 401-943-1000 fax 401-644-6006 www.diprete-eng.com

**Boston • Providence • Newport**

**BRENNA GUAY**  
 No. 13738  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL

UNLESS OTHERWISE NOTED, ALL CONSTRUCTION PURPOSES SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:

NO.	DATE	DESCRIPTION	BY:
1	02/09/2024	DESIGN RESPONSE TO COMMENTS #2 UPDATE	B.E.G.
2	02/27/2024	DESIGN RESPONSE TO COMMENTS #2	B.E.G.
3	04/16/2024	DESIGN RESPONSE TO COMMENTS #2	B.E.G.
4	04/16/2024	DESIGN RESPONSE TO COMMENTS #2	B.E.G.
5	04/16/2024	DESIGN RESPONSE TO COMMENTS #2	B.E.G.

DESIGN BY: B.E.G.

**GRADING AND DRAINAGE**  
**DOUGLAS PIKE SOLAR**  
 ASSESSOR'S PLAT 10 LOT 218  
 NORTH SMITHFIELD, RHODE ISLAND

PREPARED FOR:  
**ANTHONY DEL VICARIO**  
 43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
 TEL 401-752-9299

APR 09 2025

SCALE: 1"=100'

SHEET 8 OF 13

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS  
 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED APR 15 2025 FILE # 23-0263

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

SEE LANDSCAPE PLANS. PRIOR TO CLEARING WITHIN THE LOO, REVIEW LANDSCAPE PLANS TO MINIMIZE DISTURBANCE TO EXISTING VEGETATION TO THE GREATEST EXTENT PRACTICABLE. ANY PROPOSED GRADING THAT MAY DIFFER FROM WHAT IS SHOWN SHALL NOT EXCEED A 2:1 SLOPE OR A BOULDER WALL MAY BE INCORPORATED IF NECESSARY.

SEE INSET ON SHEET II FOR ACCESS PATH ENTRANCE DETAIL.

SEE LANDSCAPE PLANS. PRIOR TO CLEARING WITHIN THE LOO, REVIEW LANDSCAPE PLANS TO MINIMIZE DISTURBANCE TO EXISTING VEGETATION TO THE GREATEST EXTENT PRACTICABLE.

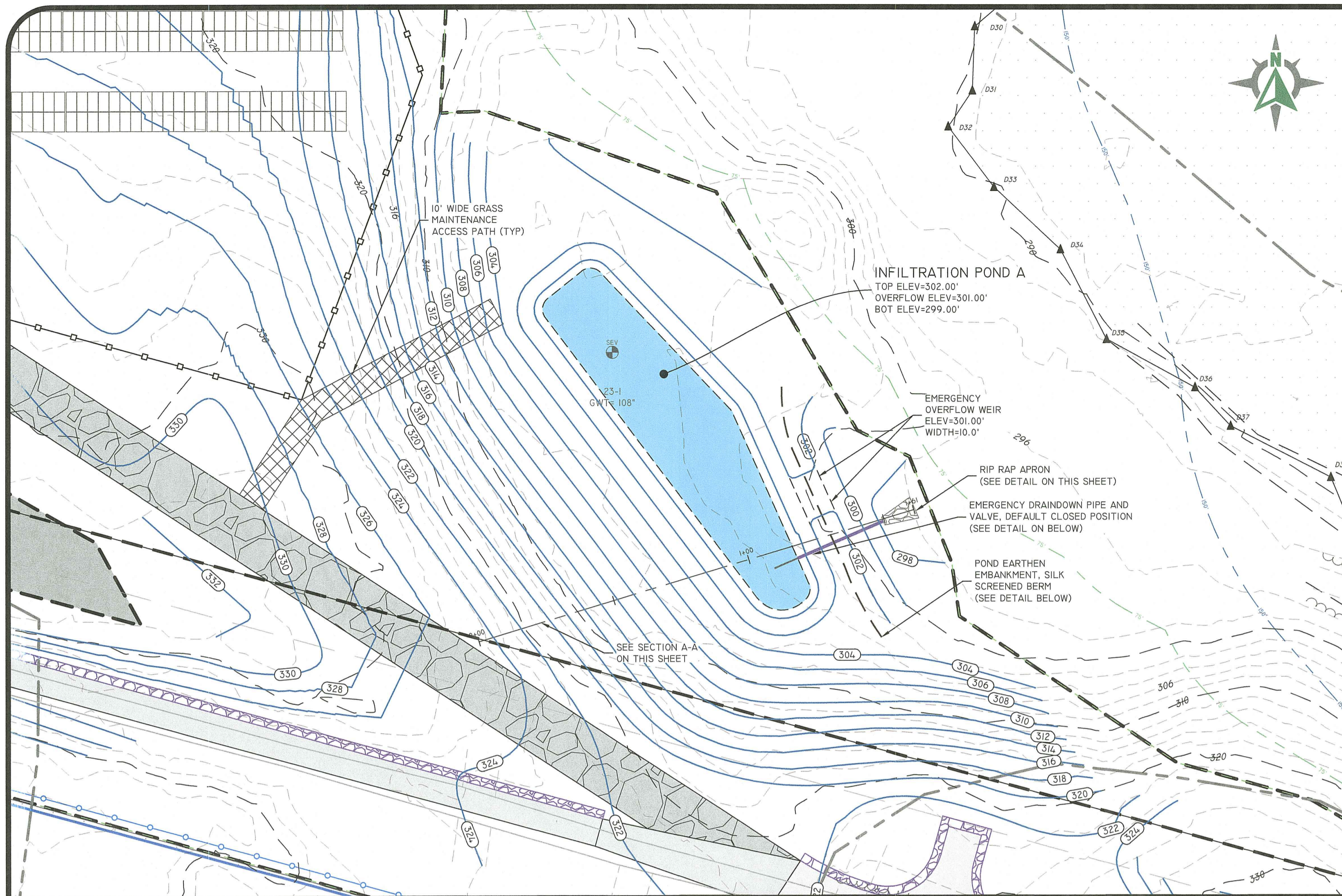
SEE LANDSCAPE PLANS. PRIOR TO CLEARING WITHIN THE LOO, REVIEW LANDSCAPE PLANS TO MINIMIZE DISTURBANCE TO EXISTING VEGETATION TO THE GREATEST EXTENT PRACTICABLE. ANY PROPOSED GRADING THAT MAY DIFFER FROM WHAT IS SHOWN SHALL NOT EXCEED A 2:1 SLOPE OR A BOULDER WALL MAY BE INCORPORATED IF NECESSARY.

ACCESS PATH WATER QUALITY STONE TRENCH (SEE DETAIL ON SHEET 15)

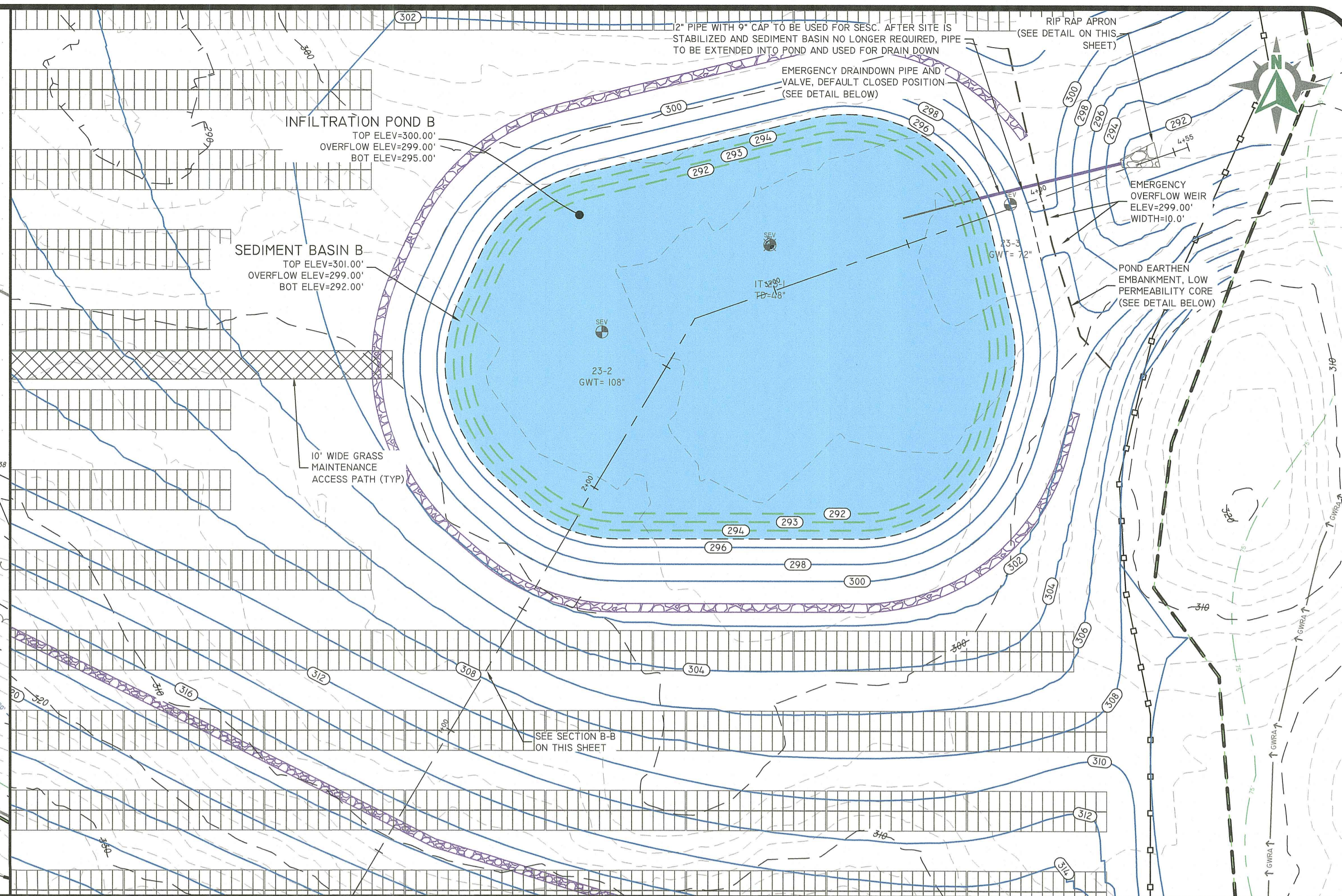
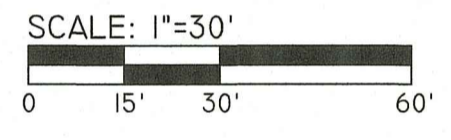
BIKE PATH WATER QUALITY STONE TRENCH (SEE DETAIL ON SHEET 15)

**MATTITY ROAD**  
 (VARIABLE WIDTH PUBLIC RIGHT-OF-WAY)

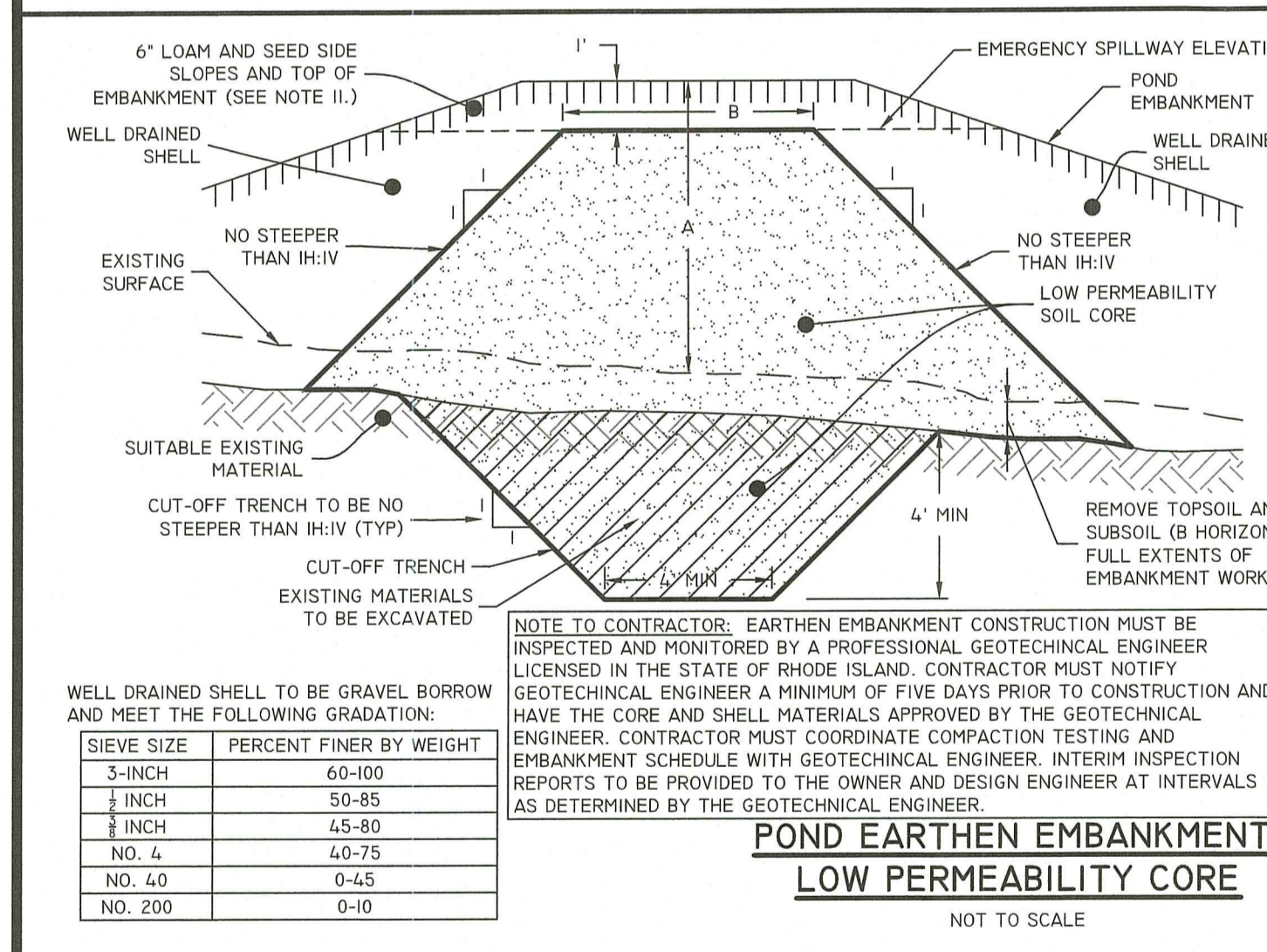
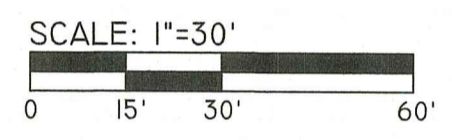
Z:\MECHANICAL\PROJECTS\2482-008 DOUGLAS PIKE SOLAR\AUTOCAD DRAWINGS\2482-008-PLANDWG.PLOTTER: 4/9/2025



INFILTRATION POND A

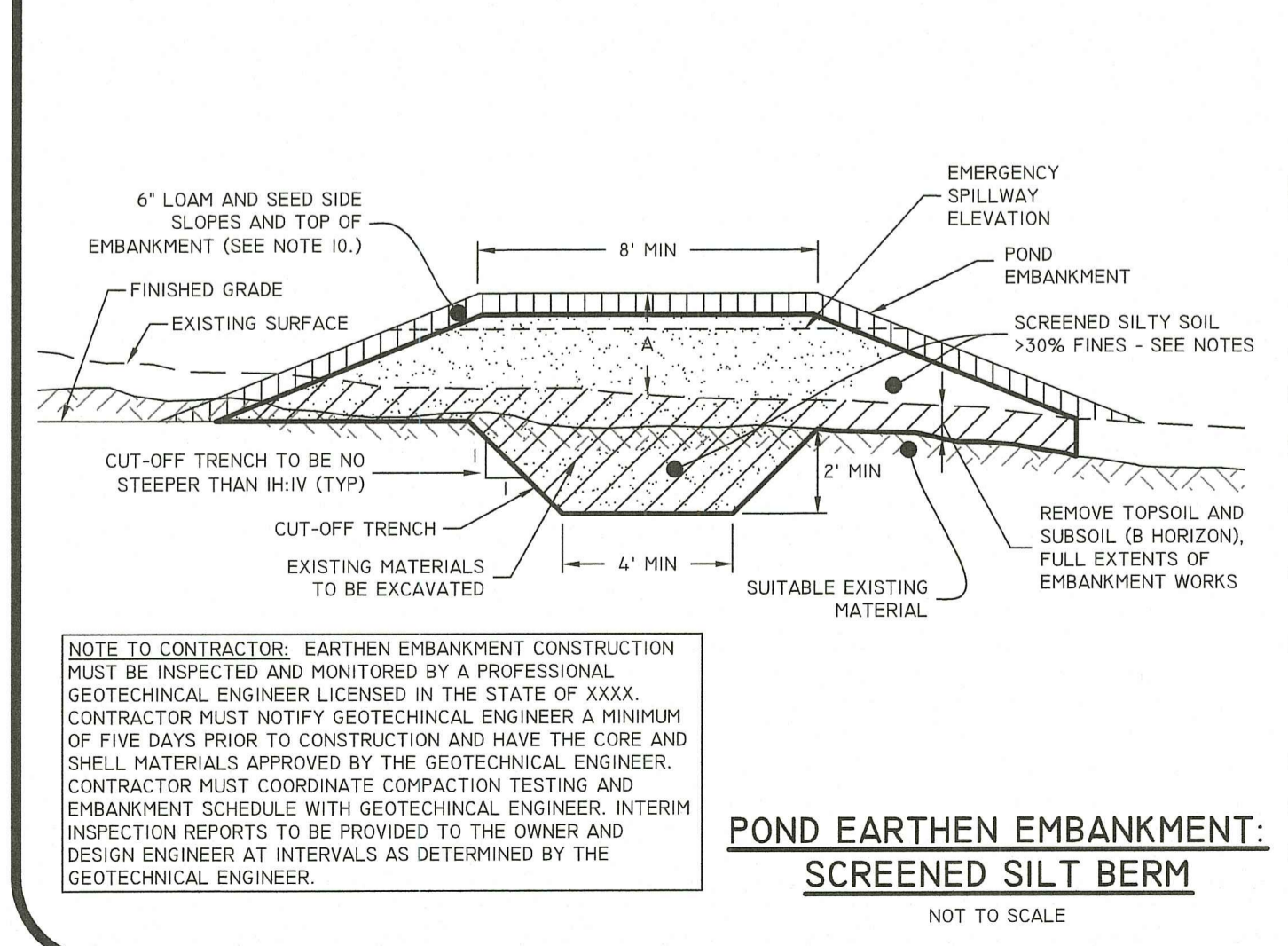


INFILTRATION POND B



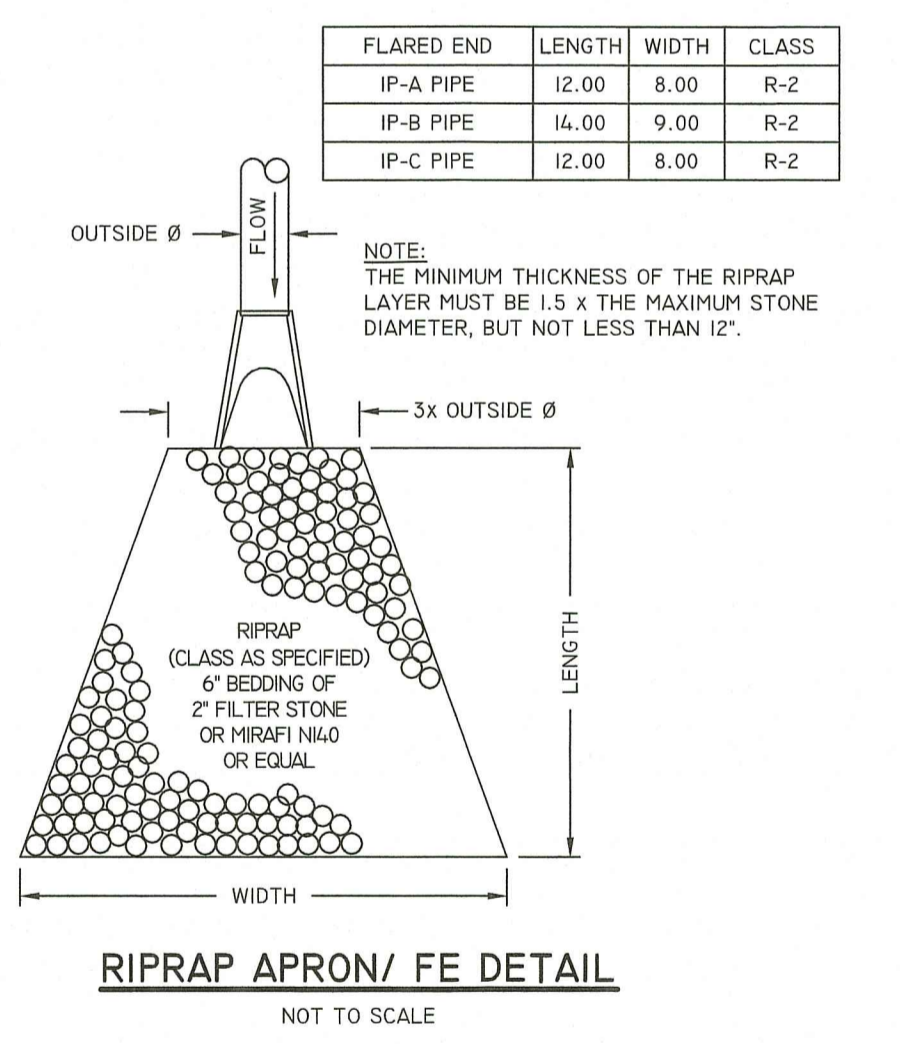
POND EMBANKMENT HEIGHT "A" (FT)	TOP WIDTH OF CORE "B" (FT)
0-7.0	6.0
OVER 7.0	PER GEOTECH

- NOTES:
1. LOW PERMEABILITY SOIL CORE TO BE PROVIDED FOR ALL POND EMBANKMENTS UNLESS AN ALTERNATIVE METHOD IS SPECIFICALLY NOTED ON THE PLANS.
  2. LOW PERMEABILITY SOIL CORE TO BE CONSTRUCTED OF A MATERIAL WITH A MINIMUM OF 30% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 0.00005 CM/S.
  3. WELL DRAINED SHELL TO BE GRAVEL BORROW WITH LESS THAN 10% PASSING THE #200 SIEVE AND MEET THE GRADATION AS SHOWN ON THIS DETAIL.
  4. ALL MATERIAL MUST BE FREE FROM DELETERIOUS/ ORGANIC MATTER, INCLUDING (BUT NOT LIMITED TO) ROOTS, SOD, RUBBLE, SNOW, ICE, RUBBISH ETC.
  5. MINIMUM DEPTH OF CUT-OFF TRENCH SHALL BE 4' MEASURED FROM THE LOWEST ELEVATION OF THE UNDISTURBED EXISTING SURFACE INTERFACE. SEE DETAIL.
  6. THE MINIMUM BOTTOM WIDTH OF THE CUT-OFF TRENCH SHALL BE 4', AND WIDE ENOUGH TO PERMIT OPERATION OF COMPACTION EQUIPMENT.
  7. SIDE SLOPES OF THE CUT-OFF TRENCH SHALL BE NO STEEPER THAN 3H:1V.
  8. IF BEDROCK IS ENCOUNTERED BELOW THE POND EMBANKMENT THE CUT OFF TRENCH MAY BE MODIFIED AT THE DIRECTION OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.
  9. THE LOW PERMEABILITY CORE AT A MINIMUM SHALL EXTEND UP BOTH ABUTMENTS TO THE EMERGENCY SPILLWAY ELEVATION.
  10. COMPACTION REQUIREMENTS FOR THE SHELL AND LOW PERMEABILITY CORE TO BE 95% OF THE MODIFIED PROCTOR PER ASTM D1557. ALL FILL TO BE PLACED IN LIFTS NOT EXCEEDING 12".
  11. SIDE SLOPES OF POND EMBANKMENT TO BE NO STEEPER THAN THE SLOPES SHOWN ON THE POND-SPECIFIC DESIGN PLANS WITHOUT WRITTEN DIRECTION FROM THE DESIGN ENGINEER. IF ANY POND SIDE SLOPE IS STEEPER THAN 3H:1V, SLOPE PROTECTION MUST BE UTILIZED ON POND EMBANKMENT, WHICH MAY INCLUDE (BUT NOT BE LIMITED TO) RIPRAP AND/OR EROSION CONTROL MATS.
  12. THE LOW PERMEABILITY CORE MUST BE KEPT FREE FROM STANDING WATER DURING THE BACKFILL OPERATION.
  13. ALL EMBANKMENT INSTALLATIONS TO BE SUPERVISED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER. SEE "NOTE TO CONTRACTOR".
  14. ANY PROPOSED DEVIATIONS FROM THIS DETAIL MUST BE DESIGNED BY A SUITABLY QUALIFIED PROFESSIONAL GEOTECHNICAL ENGINEER AND SUBMITTED TO THE SITE ENGINEER (AND A/E/J WHERE REQUIRED) FOR REVIEW PRIOR TO CONSTRUCTION.



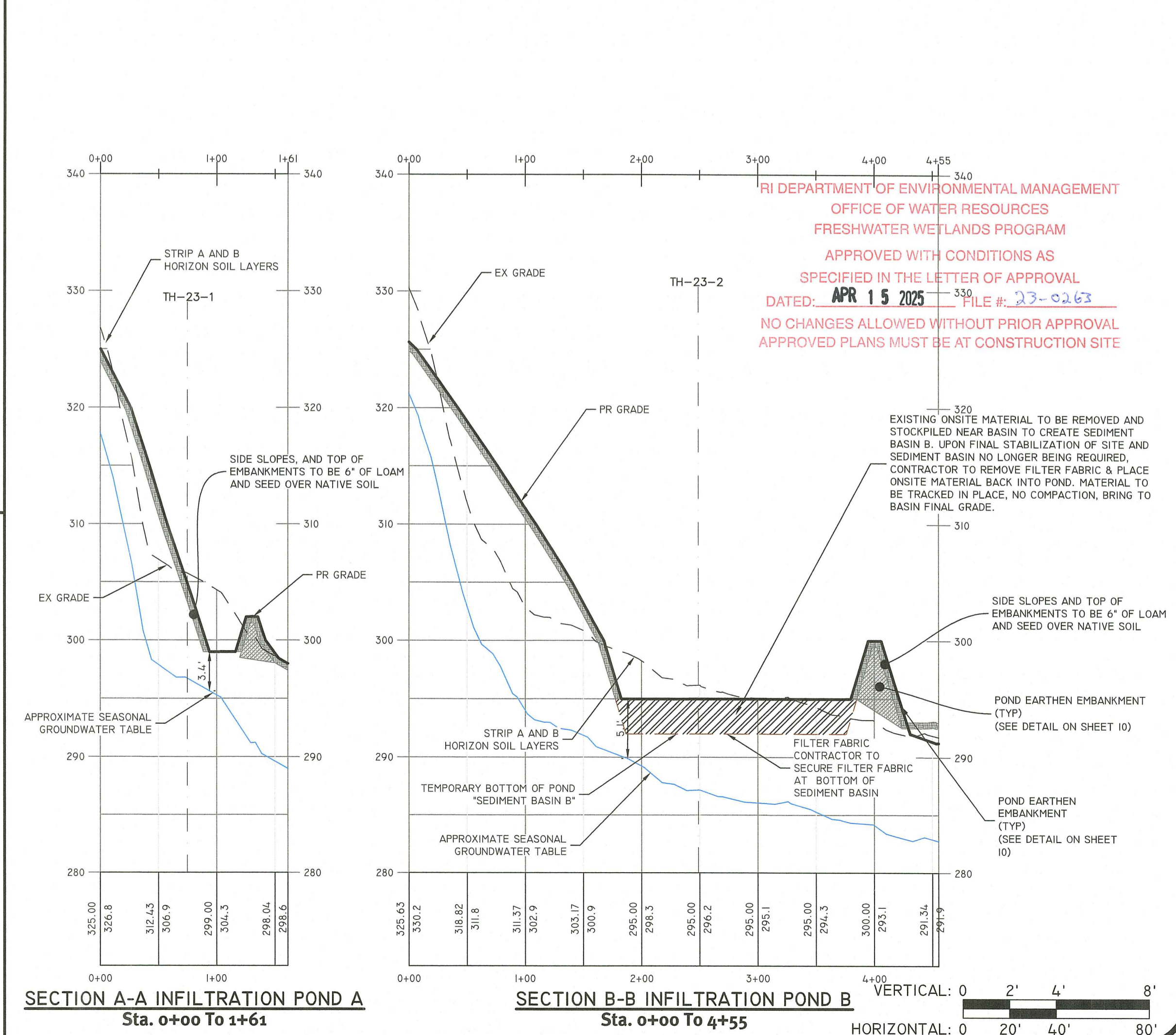
POND EMBANKMENT HEIGHT "A" (FT)	CORE MATERIAL	NOTES
0-3.0	SCREENED SILT BERM *	*ONLY PERMITTED WHERE SPECIFICALLY NOTED ON THE PLANS
OVER 3.0	SEE LOW PERMEABILITY CORE DETAIL	

- NOTES:
1. SCREENED SILT BERM MAY BE USED FOR POND EMBANKMENTS WHERE DIMENSION "A" IS 3' OR LESS, BUT ONLY WHERE SPECIFICALLY NOTED ON THE PLANS.
  2. SCREENED SILT BERM TO BE CONSTRUCTED OF A MATERIAL WITH A MINIMUM OF 30% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 0.00005 CM/S.
  3. ALL MATERIAL MUST BE FREE FROM DELETERIOUS/ ORGANIC MATTER, INCLUDING (BUT NOT LIMITED TO) ROOTS, SOD, RUBBLE, SNOW, ICE, RUBBISH ETC.
  4. MINIMUM DEPTH OF CUT-OFF TRENCH SHALL BE 4' MEASURED FROM THE LOWEST ELEVATION OF THE UNDISTURBED EXISTING SURFACE INTERFACE. SEE DETAIL.
  5. THE MINIMUM BOTTOM WIDTH OF THE CUT-OFF TRENCH SHALL BE 4', AND WIDE ENOUGH TO PERMIT OPERATION OF COMPACTION EQUIPMENT.
  6. SIDE SLOPES OF THE CUT-OFF TRENCH SHALL BE NO STEEPER THAN 3H:1V.
  7. SCREENED SILT BERM AT A MINIMUM SHALL EXTEND UP BOTH ABUTMENTS TO THE EMERGENCY SPILLWAY ELEVATION.
  8. IF BEDROCK IS ENCOUNTERED BELOW THE POND EMBANKMENT THE CUT-OFF TRENCH MAY BE MODIFIED AT THE DIRECTION OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.
  9. COMPACTION REQUIREMENTS FOR THE SCREENED SILT BERM TO BE 95% OF THE MODIFIED PROCTOR PER ASTM D1557. ALL MATERIALS ARE TO BE PLACED IN LIFTS NOT EXCEEDING 12".
  10. SIDE SLOPES OF POND EMBANKMENT TO BE NO STEEPER THAN THE SLOPES SHOWN ON THE POND-SPECIFIC DESIGN PLANS WITHOUT WRITTEN DIRECTION FROM THE DESIGN ENGINEER. IF ANY POND SIDE SLOPE IS STEEPER THAN 3H:1V, SLOPE PROTECTION MUST BE UTILIZED ON POND EMBANKMENT, WHICH MAY INCLUDE (BUT NOT BE LIMITED TO) RIPRAP AND/OR EROSION CONTROL MATS.
  11. THE SCREENED SILT BERM MUST BE KEPT FREE FROM STANDING WATER DURING THE BACKFILL OPERATION.
  12. ALL EMBANKMENT INSTALLATIONS TO BE SUPERVISED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER. SEE "NOTE TO CONTRACTOR".
  13. ANY PROPOSED DEVIATIONS FROM THIS DETAIL MUST BE DESIGNED BY A SUITABLY QUALIFIED PROFESSIONAL GEOTECHNICAL ENGINEER AND SUBMITTED TO THE SITE ENGINEER (AND A/E/J WHERE REQUIRED) FOR REVIEW PRIOR TO CONSTRUCTION.



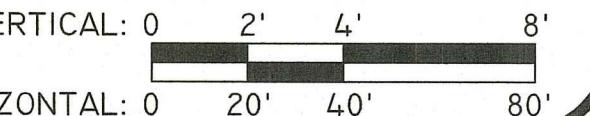
FLARED END	LENGTH	WIDTH	CLASS
IP-A PIPE	12.00	8.00	R-2
IP-B PIPE	14.00	9.00	R-2
IP-C PIPE	12.00	8.00	R-2

- NOTES:
1. THE MINIMUM THICKNESS OF THE RIPRAP LAYER MUST BE 1.5 x THE MAXIMUM STONE DIAMETER, BUT NOT LESS THAN 12".



SECTION A-A INFILTRATION POND A Sta. 0+00 TO 1+61

SECTION B-B INFILTRATION POND B Sta. 0+00 TO 4+55



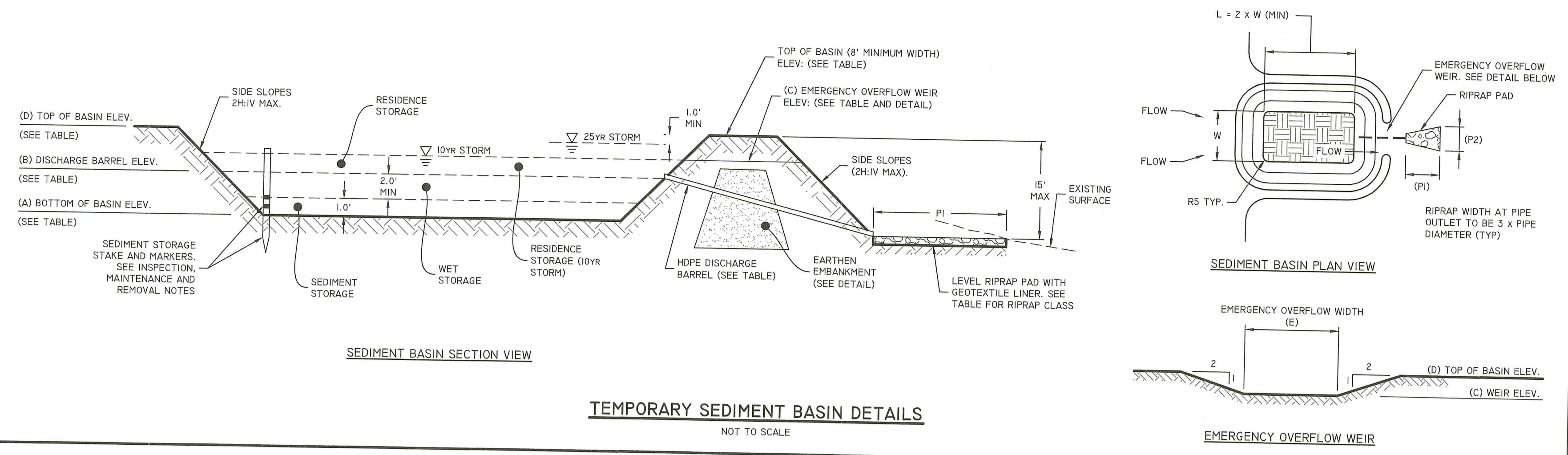
**Diprete Engineering**  
 Two Stafford Court, Cranston, RI 02920  
 Tel: 401-943-1000 Fax: 401-464-6006 www.diprete-eng.com  
 Boston • Providence • Newport

**BRENNA GUAY**  
 No. 13738  
 REGISTERED PROFESSIONAL ENGINEER CIVIL

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 DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE PROFESSIONAL ENGINEER'S SEAL AND SIGNATURE. DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, TECHNIQUES, PROCEDURES, AND SEQUENCES OF CONSTRUCTION IN THE IMPLEMENTATION OF THIS PLAN AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES AND UTILITIES. ONLY DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE CONFORMANCE OF EXISTING UTILITIES. SEE UTILITY NOTES ON SHEET.

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED APR 15 2025 FILE # 23-0263  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

**POND A & B DETAILS**  
 DOUGLAS PIKE SOLAR  
 ASSESSOR'S PLAT TO LOT 218  
 NORTH SMITHFIELD, RHODE ISLAND  
 PREPARED FOR:  
 ANTHONY DELVICARIO  
 43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
 TEL. 401-752-2929

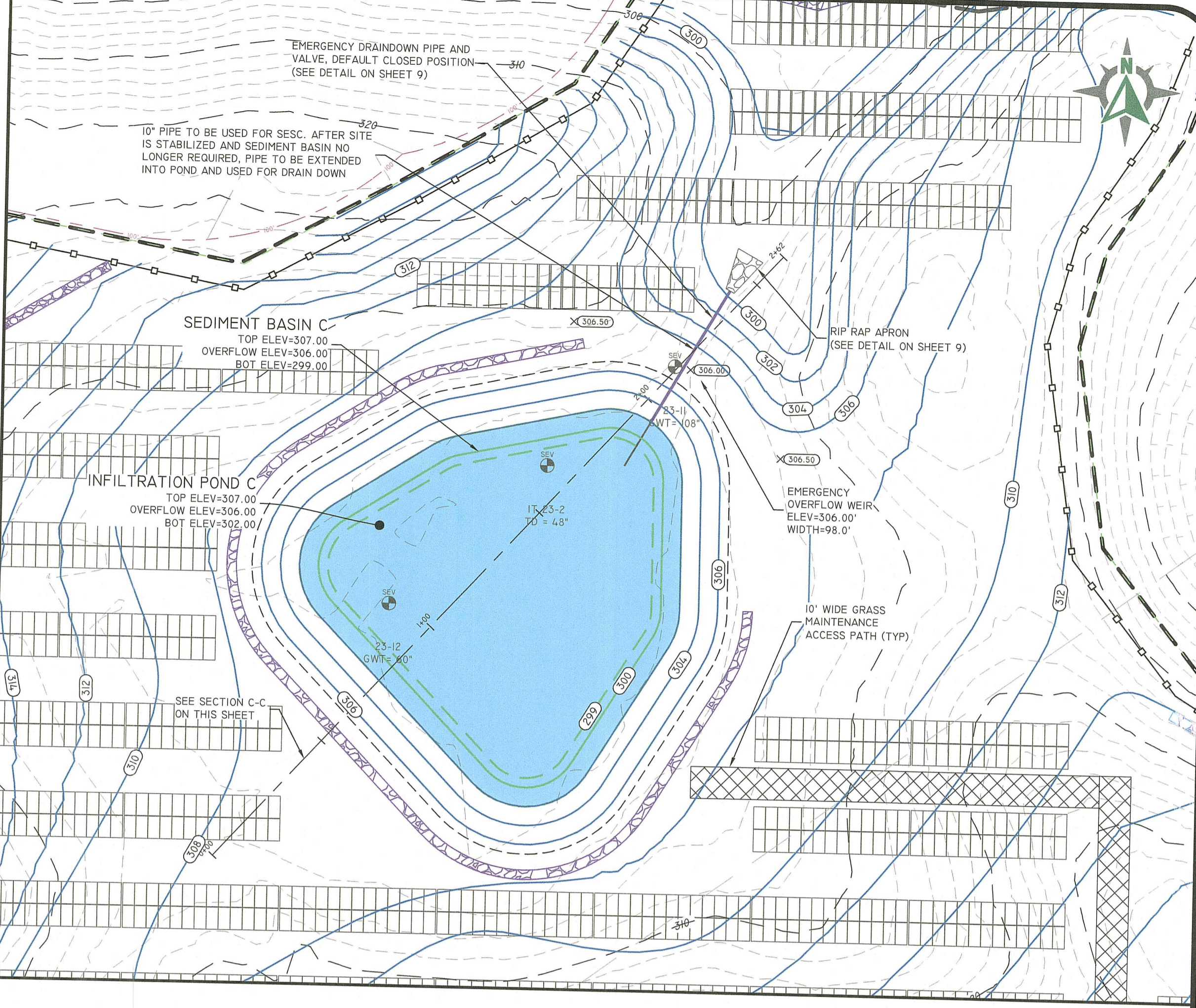


Sediment Basin	Tributary Area ac	Basin Floor Area sqft	Bottom of Basin Elevation ft	Discharge Barrel Elevation ft	Overflow Weir Elevation ft	Top of Basin Elevation ft	Overflow Weir Width ft	Discharge Barrel Diameter in	Number of Discharge Barrels	L ft	W ft	Riprap Pad Class
B	23.900	21517	292.00	295.00	299.00	301.00	10	10	1	14	9	R-2
C	12.455	7429	299.00	302.00	306.00	307.00	58	10	1	12	8	R-2

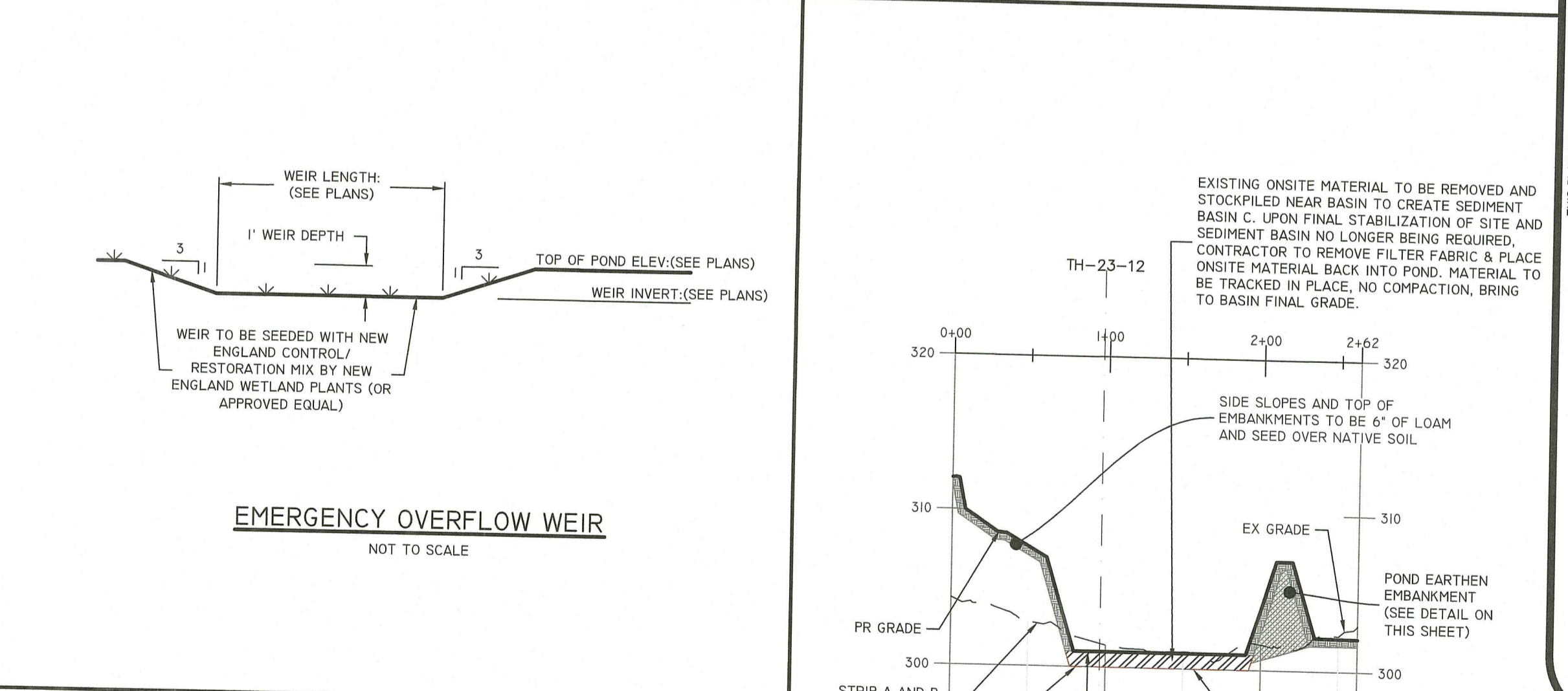
NOTE: THE ABOVE TABLE REPRESENTS RECOMMENDED BASIN PARAMETERS THAT MEET THE MINIMUM REQUIREMENTS OF THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (2014). ALTERNATE CONFIGURATIONS MAY BE PERMITTED BASED ON TOPOGRAPHY/ SITE CONSTRAINTS HOWEVER THE MINIMUM EQUIVALENTS MUST BE MET.

### TEMPORARY SEDIMENT BASIN SCHEDULE

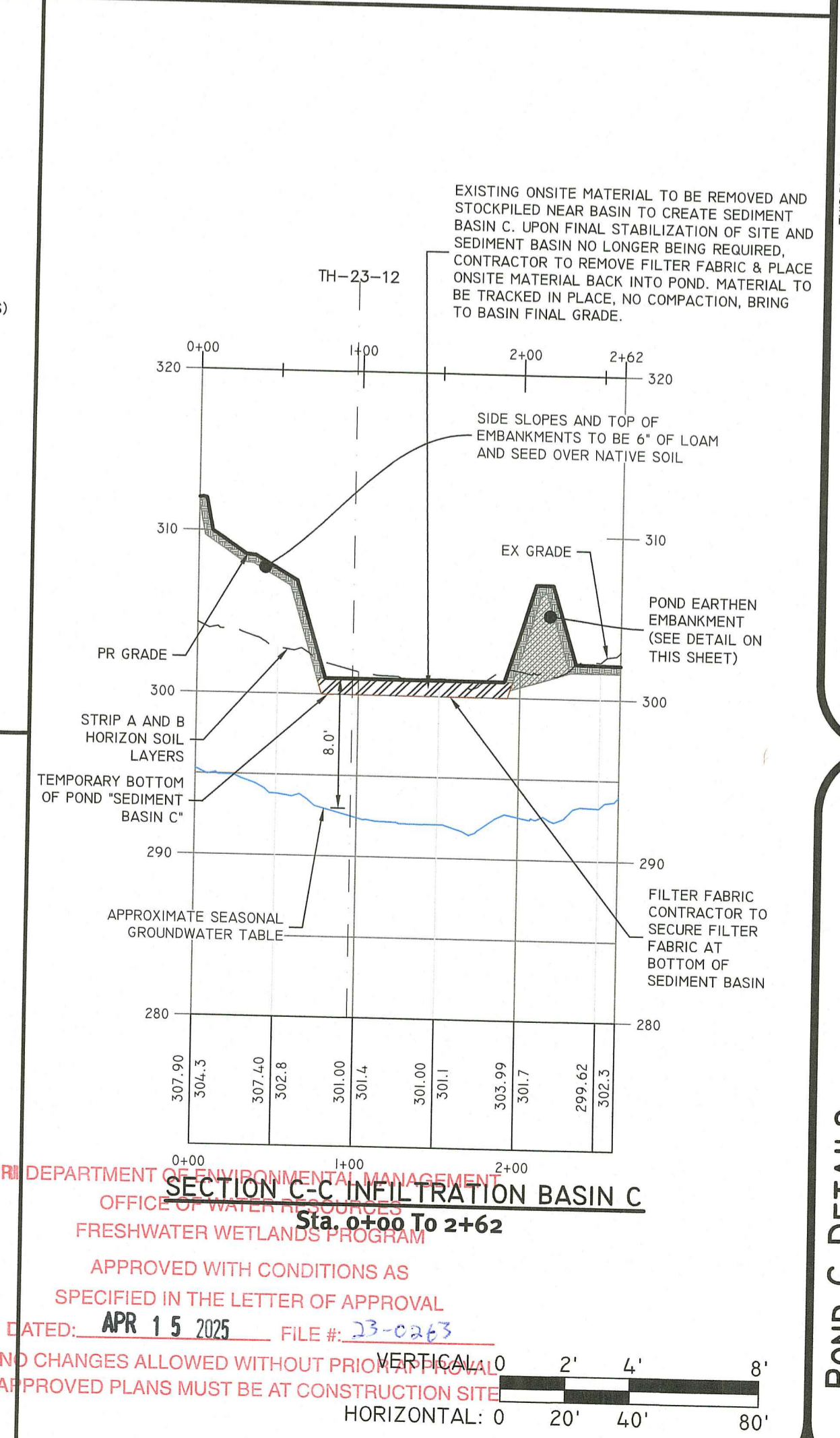
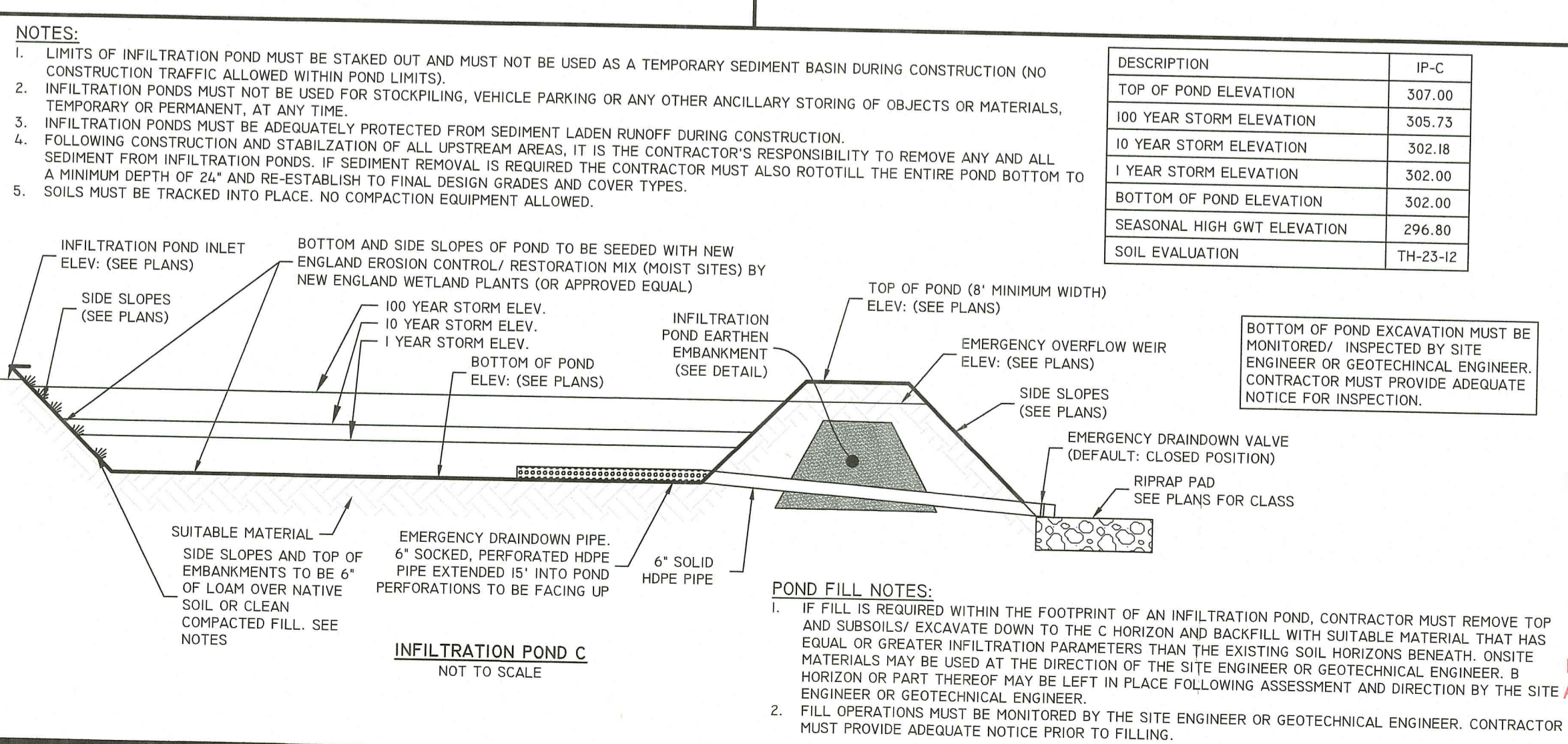
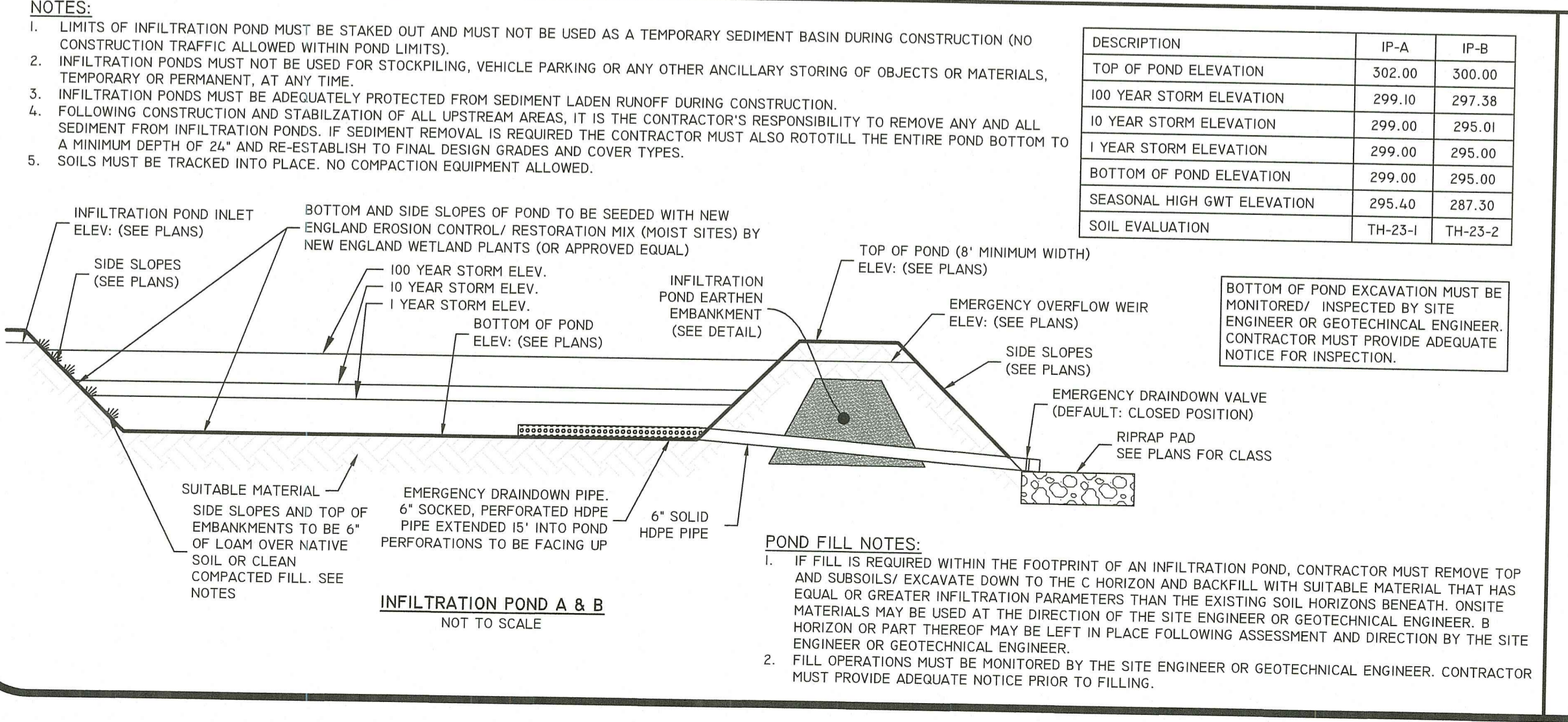
- GENERAL SEDIMENT BASIN NOTES:**
- SEDIMENT BASINS MUST MEET OR EXCEED ALL REQUIREMENTS FOR SEDIMENT BASINS AS DETAILED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION).
  - ALL CUT AND FILL SLOPES TO BE 2:1 OR FLATTER EXCEPT WHERE NOTED.
  - THE OUTLET(S) MUST BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET(S). CONTRACTOR TO INSTALL Baffles IF NECESSARY TO PROVIDE AN EFFECTIVE FLOW LENGTH THAT IS AT LEAST TWO TIMES THE EFFECTIVE WIDTH OF THE BASIN. SEE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION) FOR MORE INFORMATION.
  - SEDIMENT BASIN CONTOURS SHOWN ON THE PLANS REFLECT THE RECOMMENDED DESIGN PARAMETERS TO MEET THE CRITERIA PER THE HANDBOOK. BASIN PARAMETERS MAY BE FIELD MODIFIED AS NECESSARY WITH APPROVAL OF DESIGN ENGINEER.
  - THE MINIMUM WIDTH OF AN EMERGENCY SPILLWAY IS TO BE 20'.
  - BASIN DISCHARGE ALTERNATIVES MAY BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL. ALTERNATIVES MUST BE ACCOMPANIED BY DETAILED CALCULATIONS INCLUDING (BUT NOT LIMITED TO) BUOYANCY RESISTANCE IF APPLICABLE, FLANGE POOL/ LEVEL SPREADER DEVICES DESIGNED IN ACCORDANCE WITH THE RIBESCH MAY BE USED IN LIEU OF RIPRAP PAD WITH WRITTEN APPROVAL FROM DESIGN ENGINEER PRIOR TO CONSTRUCTION.
  - DISCHARGE BARREL MUST HAVE WATERTIGHT JOINTS. ANY MATERIALS USED OTHER THAN HDPE FOR BARREL MUST BE IN COMPLIANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, CURRENT EDITION.
  - ANY TEMPORARY SEDIMENT BASINS INSTALLED WITHIN THE FOOTPRINT OF INFILTRATION DEVICE LOCATIONS (OR PART THEREOF), MUST BE LINED SUFFICIENT TO PREVENT THE PROPAGATION OF SEDIMENT INTO THE GROUND. LINER MUST BE REMOVED WHEN TEMPORARY BASIN IS REMOVED, AND THE AFFECTED AREA SCARIFIED A MINIMUM OF 18".
  - IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN SAFETY OF SEDIMENT BASINS TO PROTECT HUMANS AND ANIMALS FROM SUCH ACCIDENTS AS FALLING OR DROWNING.
- INSTALLATION NOTES:**
- SEDIMENT BASINS MUST BE INSTALLED IN ACCORDANCE WITH THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, CURRENT EDITION.
  - CLEAR GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
  - REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE INCHES AND OTHER DEBRIS.
  - EXCAVATE THE OUTLET APRON/ PAD AREA FIRST, TO USE AS A SEDIMENT TRAP DURING CONSTRUCTION OF THE BASIN.
  - EXCAVATE SEDIMENT STORAGE VOLUME/ AREA AND CONSTRUCT THE EMBANKMENT AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
  - AREAS ON WHICH FILL IS TO BE PLACED MUST BE SCARIFIED PRIOR TO PLACEMENT OF FILL.
  - INSTALL LINER WHERE NECESSARY. SEE GENERAL SEDIMENT BASIN NOTE 8.
  - FILL MUST BE CLEAN MINERAL SOIL, FREE OF ROOTS, WOODY VEGETATION, STUMPS, SOD OVER-SIZED STONES, MAN MADE MATERIALS, OR OTHER PERISHABLE OR MATERIAL DEEMED UNSUITABLE BY THE GEOTECHNICAL ENGINEER.
  - FILL TO BE PLACED IN 6"-9" CONTINUOUS LAYERS AND COMPACTED UNTIL 95% STANDARD PROCTOR IS ACHIEVED.
  - DISCHARGE BARREL TO BE PLACED ON FIRM, EVEN FOUNDATION.
  - A MINIMUM OF 2' OF FILL MUST BE HAND-COMPACTED OVER THE BARREL BEFORE CROSSING IT WITH CONSTRUCTION EQUIPMENT.
  - CONSTRUCT EARTHEN EMBANKMENT PER SEDIMENT BASIN DETAILS AND SPECIFICATIONS, INCLUDING THE SEDIMENT BASIN EARTHEN EMBANKMENT DETAIL (IMPERVIOUS CORE).
  - EMBANKMENT MUST BE CONSTRUCTED 10% HIGHER THAN THE DESIGN 'TOP OF BASIN' ELEVATION TO ALLOW FOR SETTLEMENT.
  - STABILIZE ALL DISTURBED AREAS (EXCEPT THE LOWER ONE-HALF OF SEDIMENT BASIN) AS SOON AS GRADING IS COMPLETE, USING NEW ENGLAND EROSION CONTROL/ RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES BY NEW ENGLAND WETLAND PLANTS, INC. (OR APPROVED EQUAL).
- INSPECTION, MAINTENANCE, AND REMOVAL REQUIREMENTS:**
- INSTALL "SEDIMENT STORAGE" STAKE WITH A MARKER AT ONE HALF THE SEDIMENT STORAGE DEPTH. THIS WILL BE THE "CLEANOUT LEVEL". REMOVE SEDIMENT WHEN IT HAS ACCUMULATED TO ONE-HALF THE SEDIMENT STORAGE DEPTH AND RESTORE THE BASIN TO ITS ORIGINAL DIMENSIONS. DEWATER IF NECESSARY. DEWATERING DEVICE MUST DRAIN WATER FROM THE TOP OF STANDING WATER, NOT BOTTOM.
  - DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA AS DESIGNATED BY THE GEOTECHNICAL ENGINEER.
  - INSPECT THE BASIN AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
  - CHECK EMBANKMENT, EMERGENCY SPILLWAY AND AND OUTLET FOR EROSION DAMAGE.
  - CHECK EMBANKMENT FOR: SETTLEMENT, SEEPAGE, OR SLUMPING ALONG THE TOE OR AROUND PIPE. LOOK FOR SIGNS OF PIPING. REPAIR IMMEDIATELY.
  - REMOVE TRASH AND OTHER DEBRIS FROM DISCHARGE BARREL, EMERGENCY SPILLWAY AND POOL AREA.
  - INSPECT, REPAIR AND MAINTAIN RIPRAP OUTLET PAD.
  - INSPECT VEGETATION; RESEED AND/ OR REMULCH IF NECESSARY.
  - IF CHEMICAL TREATMENT IS REQUIRED TO INCREASE THE RATE OF SETTLEMENT OF SOLIDS, THE USE OF CHEMICAL TREATMENTS MUST BE IN COMPLIANCE WITH RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK APPENDIX J.
  - FOR ULTIMATE DETENTION PONDS BEING USED AS TEMPORARY SEDIMENT BASINS: AFTER ALL SEDIMENT-PRODUCING AREAS HAVE BEEN STABILIZED, INSPECTED AND APPROVED, CONVERT THE SEDIMENT BASIN INTO DETENTION POND PER THE DESIGN PLANS. RESTORE ANY ANCILLARY AREAS TO EXISTING/ DESIGN GRADE AND STABILIZE IN ACCORDANCE WITH LANDSCAPE PLAN/ COVER AS SHOWN ON APPLICABLE PLANS.
  - FOR ALL OTHER SEDIMENT BASINS: AFTER ALL SEDIMENT-PRODUCING AREAS HAVE BEEN STABILIZED, INSPECTED AND APPROVED, REMOVE THE SEDIMENT BASIN. RESTORE AREA TO DESIGN GRADE AND STABILIZE IN ACCORDANCE WITH LANDSCAPE PLAN/ COVER AS SHOWN ON APPLICABLE PLANS.



INFILTRATION POND C  
SCALE: 1"=30'  
0 15' 30' 60'



EMERGENCY OVERFLOW WEIR  
NOT TO SCALE



**DiPrete Engineering**  
Two Stafford Court, Cranston, RI 02920  
Tel: 401-943-1000 Fax: 401-464-6506 www.diprete-eng.com

**BRENNA QUAY**  
No. 13738  
REGISTERED PROFESSIONAL ENGINEER CIVIL

DESIGN BY: B.E.G.  
DRAWN BY: B.E.G.  
DATE: 04/15/2025

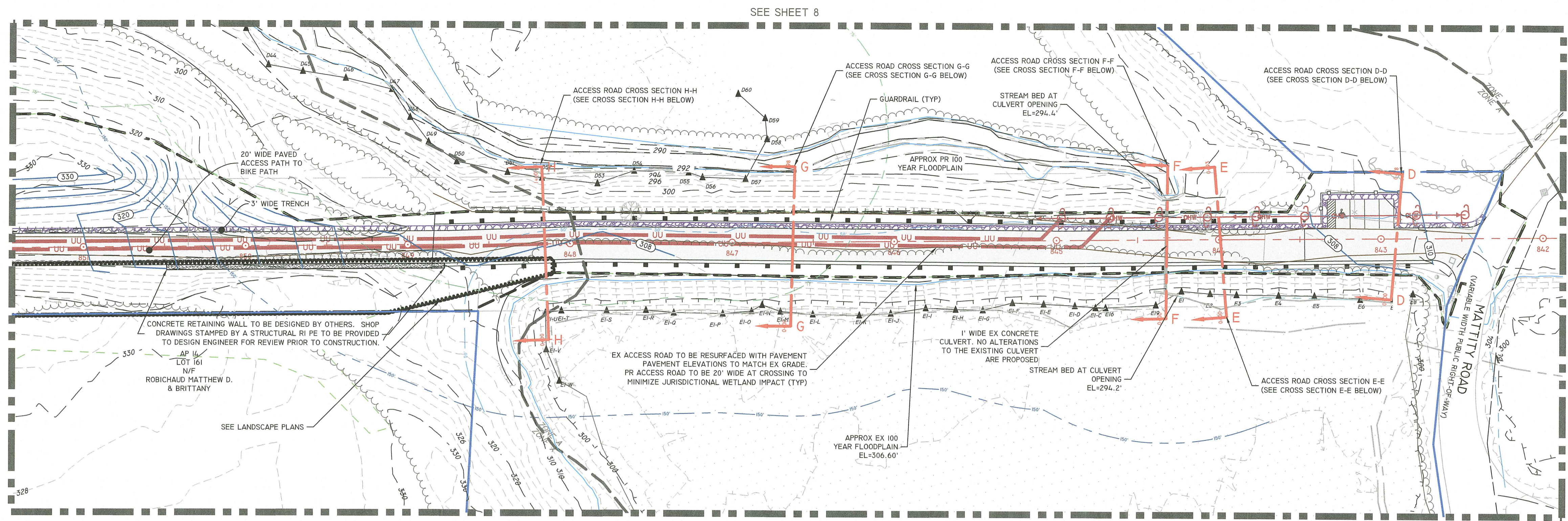
APR 09 2025  
Office of Water Resources

**POND C DETAILS**  
DOUGLAS PIKE SOLAR  
ASSESSOR'S PLAT 10 LOT 218  
NORTH SMITHFIELD, RHODE ISLAND

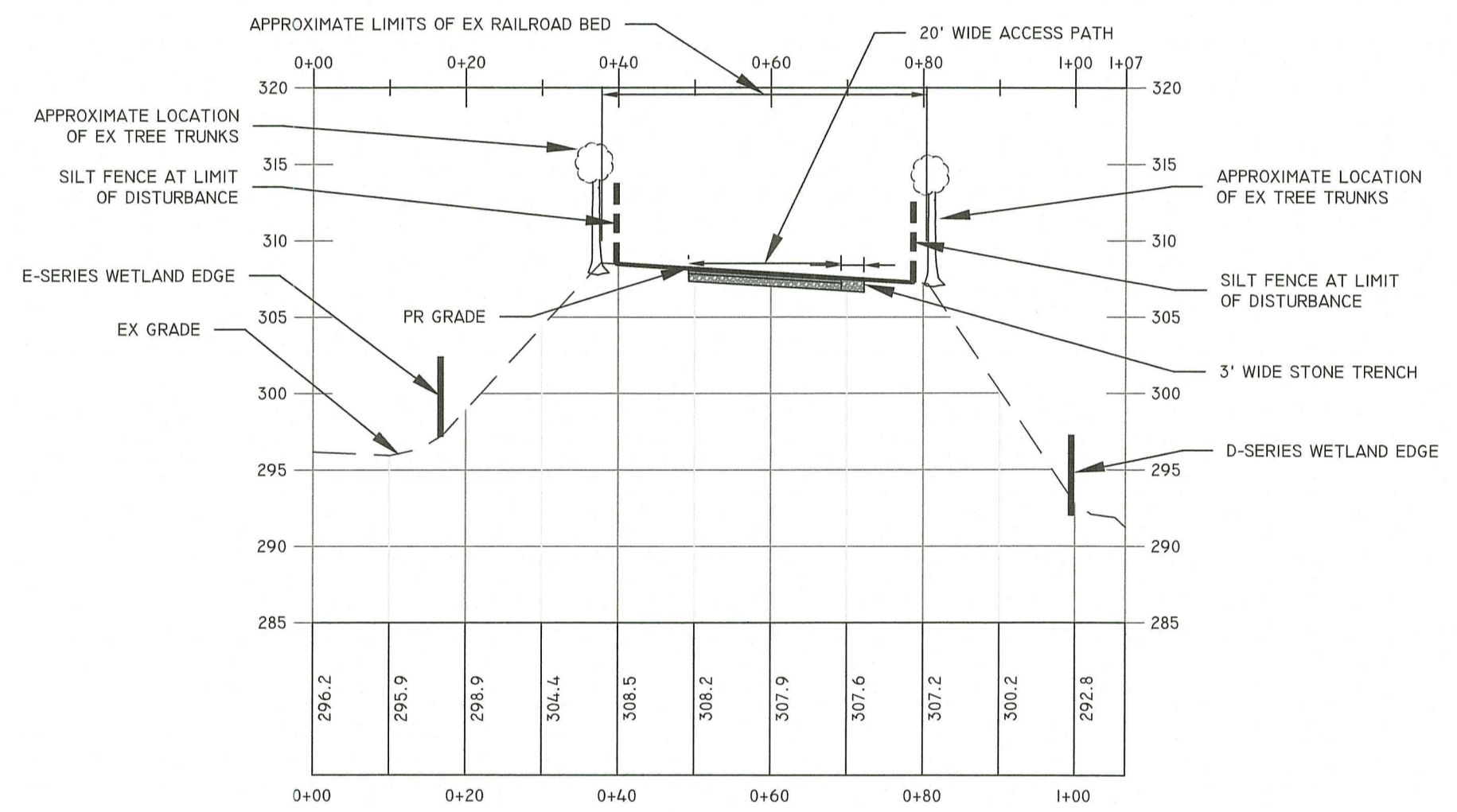
PREPARED FOR:  
**ANTHONY DEL VICARIO**  
43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
TEL 401-782-9299

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: APR 15 2025 FILE # 23-0283  
NO CHANGES ALLOWED WITHOUT PROPER VERTICAL AND HORIZONTAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE

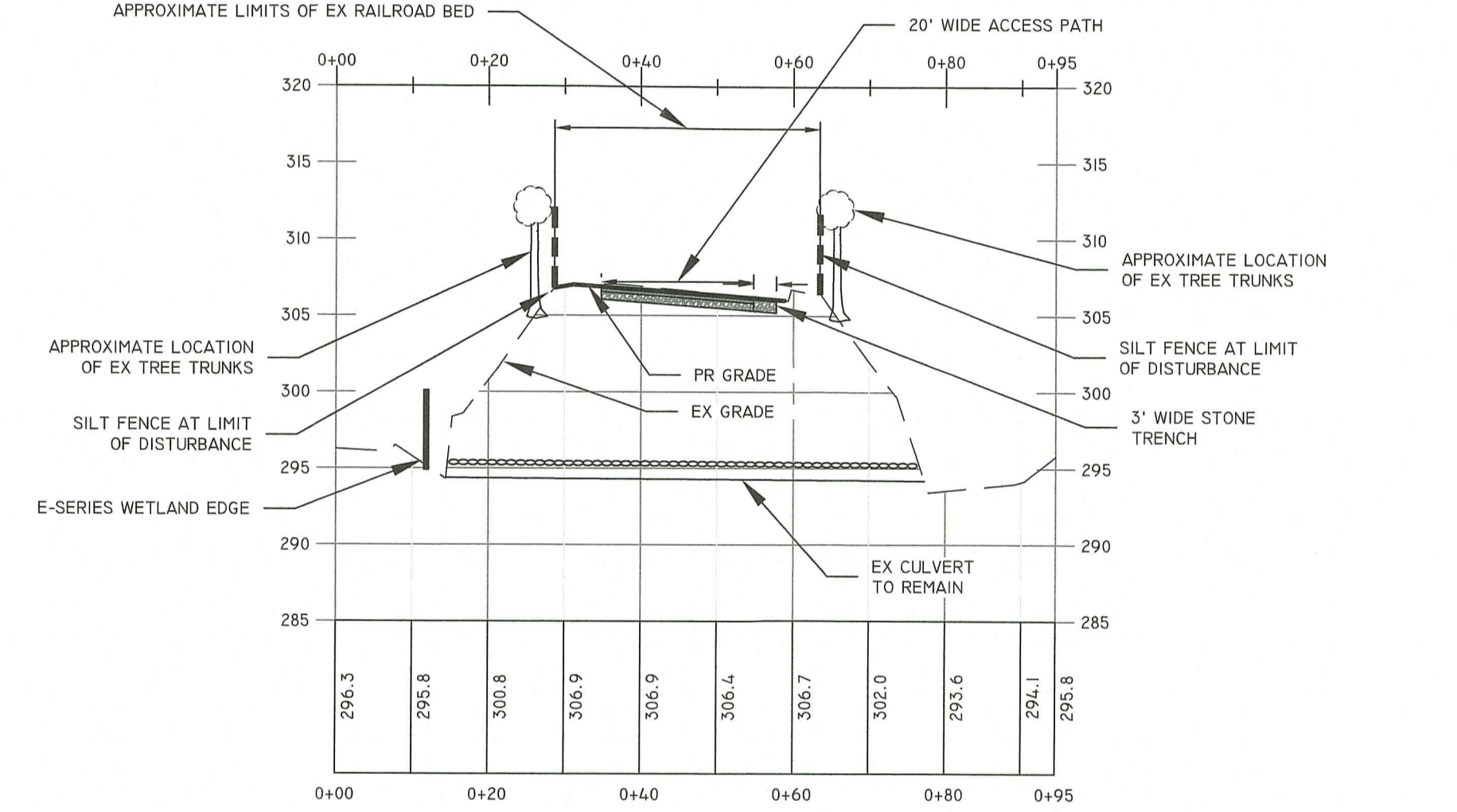
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DRAWN BY: B.E.G.  
DATE: 04/15/2025



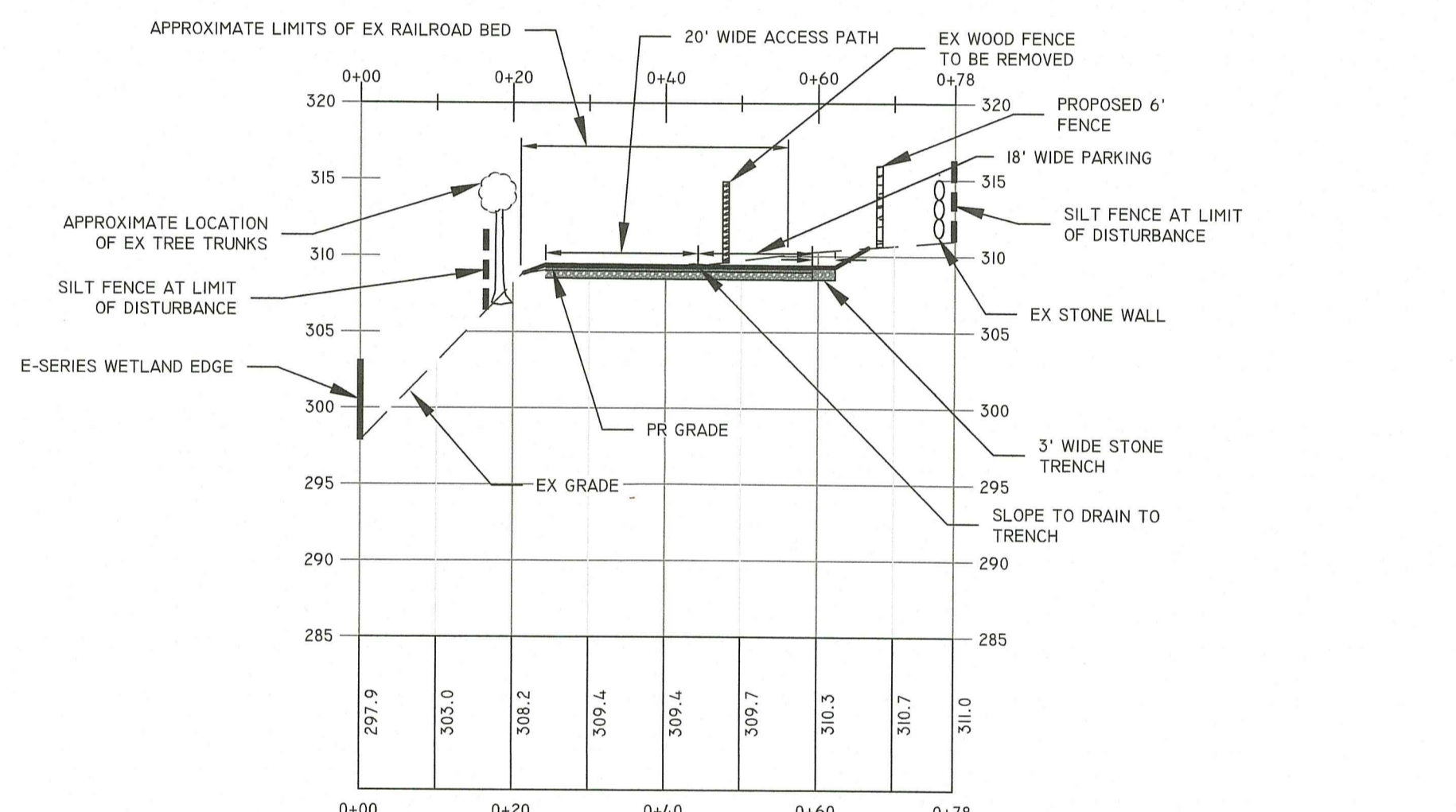
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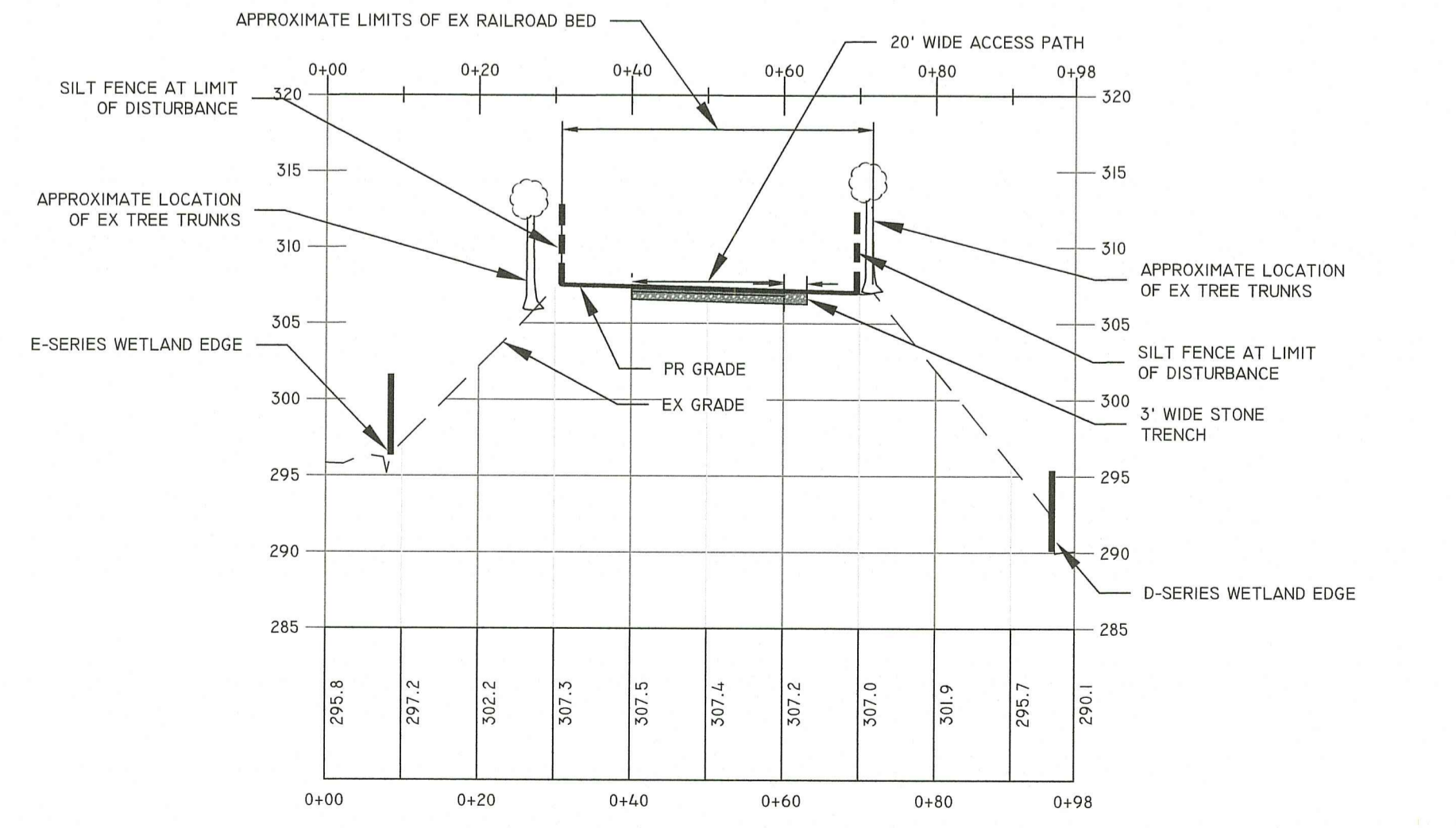
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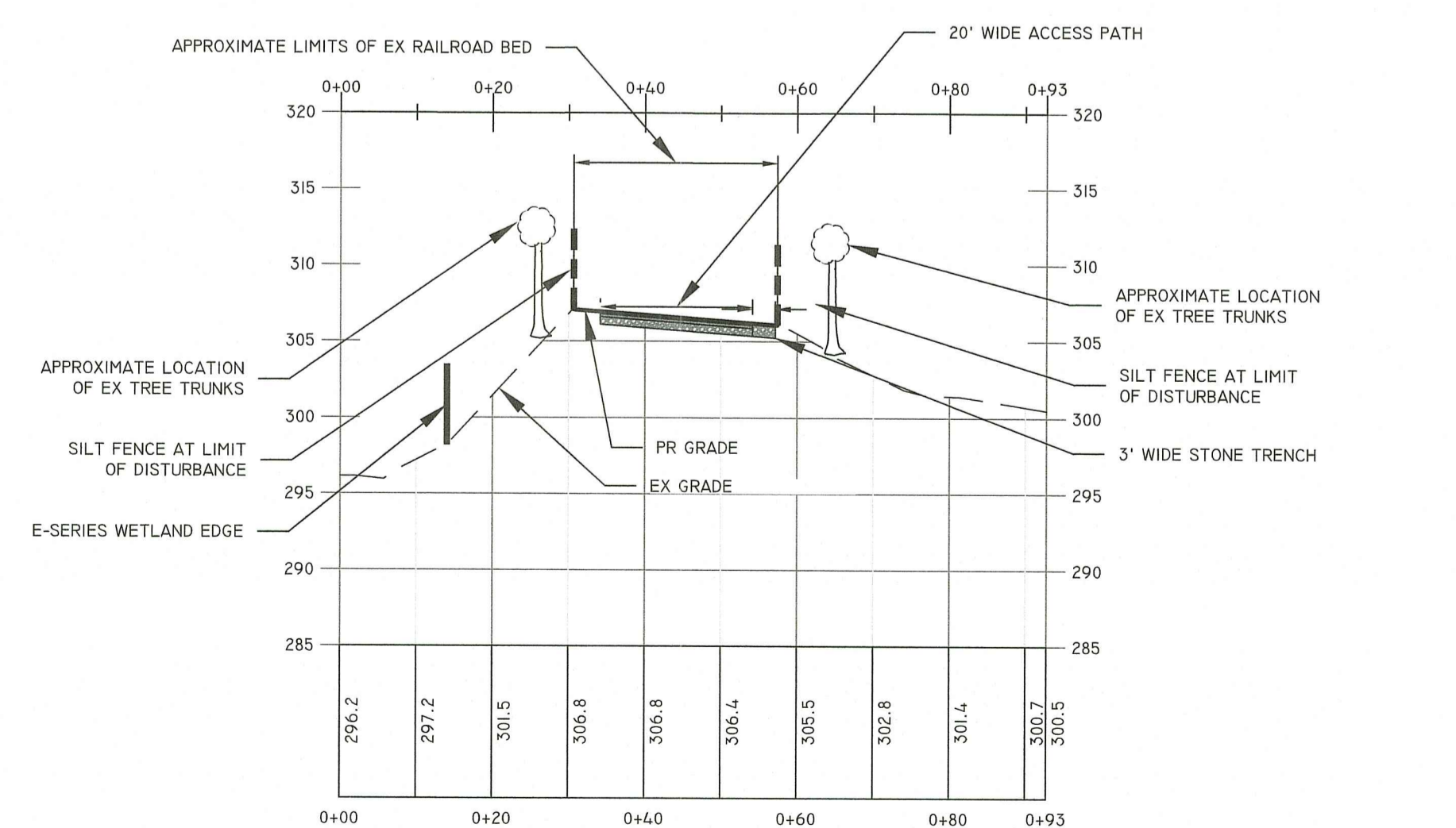
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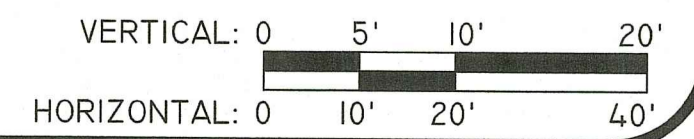
ACCESS ROAD CROSS SECTION D-D



ACCESS ROAD CROSS SECTION G-G



ACCESS ROAD CROSS SECTION E-E



**DiPrete Engineering**

Two Stafford Court Cranston, RI 02909  
tel 401-949-1000 fax 401-464-6066 www.diprete-eng.com

Boston • Providence • Newport

BRENNA GUAY

No. 13738

REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED AND SIGNED FOR CONSTRUCTION AND STAMPED BY AN ENGINEER. ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE NECESSARY CONFORMANCE IN THE IMPLEMENTATION OF THIS PLAN AND EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF EXISTING UTILITIES. SEE UTILITY NOTE ON SHEET 3.

NO.	DATE	DESCRIPTION	BY:
1	04/17/2024	DESIGN	B.E.G.
2	04/18/2024	REVISION	B.E.G.
3	04/18/2024	REVISION	B.E.G.
4	04/18/2024	REVISION	B.E.G.
5	04/18/2024	REVISION	B.E.G.
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100	04/18/2024	REVISION	B.E.G.

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

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL

DATED: APR 15 2025 FILE #: 23-0-163

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Access Road Plan

DOUGLAS PIKE SOLAR

ASSESSOR'S PLAT 10 LOT 218

NORTH SMITHFIELD, RHODE ISLAND

PREPARED FOR:  
ANTHONY DELVICARIO  
43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
TEL 401-752-9299

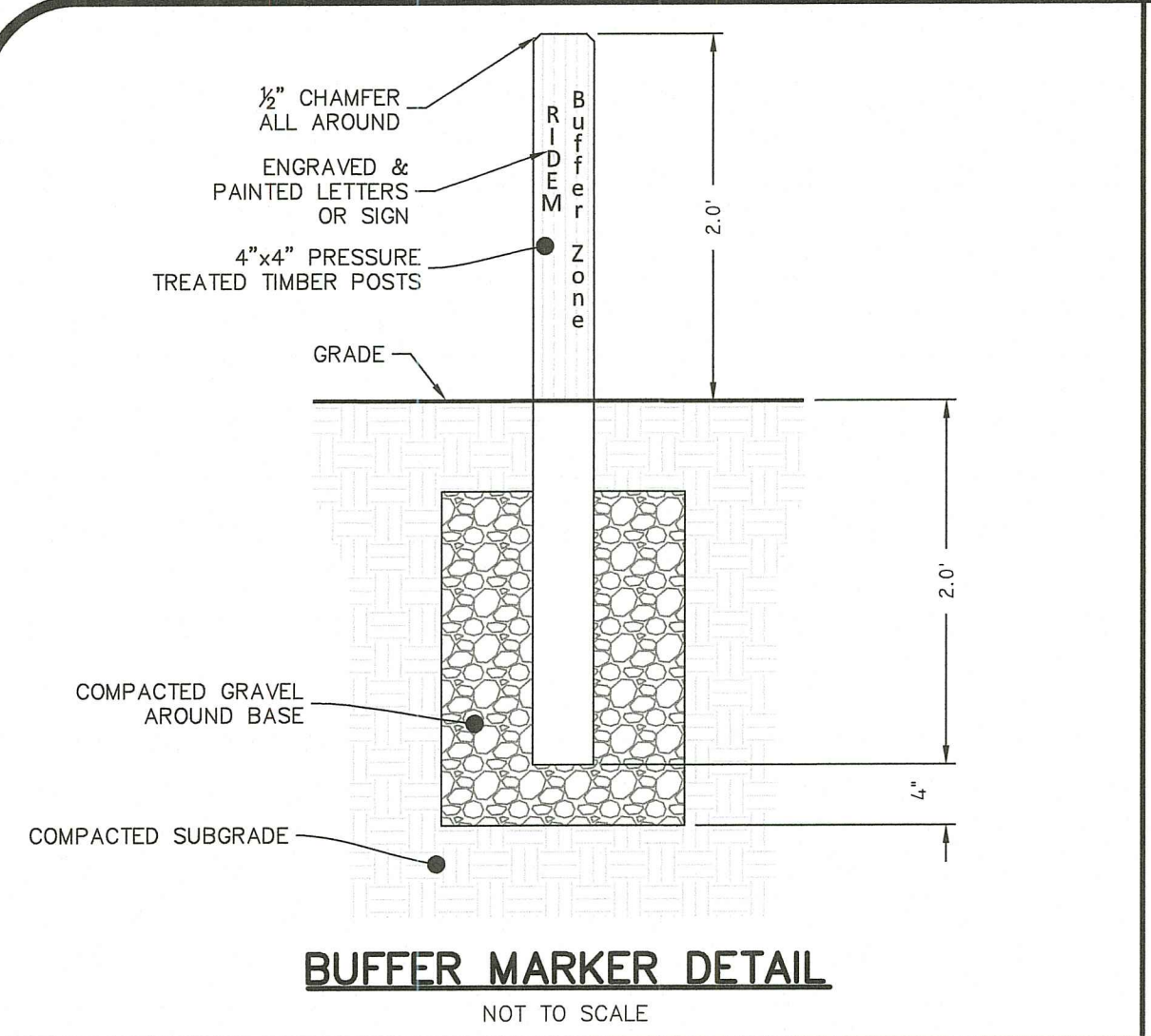
APR 09 2025

Office of Water Resources

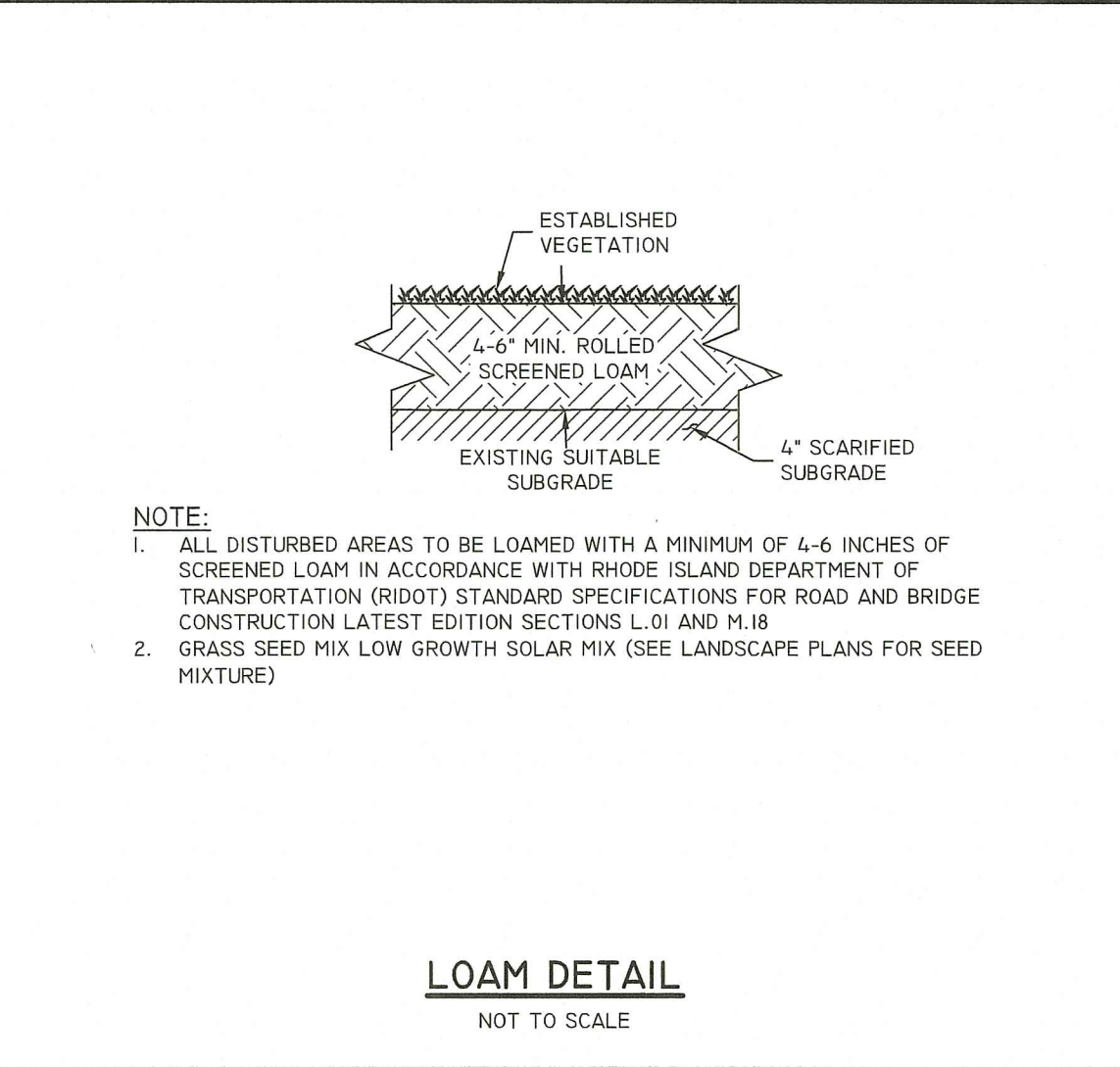
DESIGN BY: B.E.G.

DRAWN BY: B.E.G.

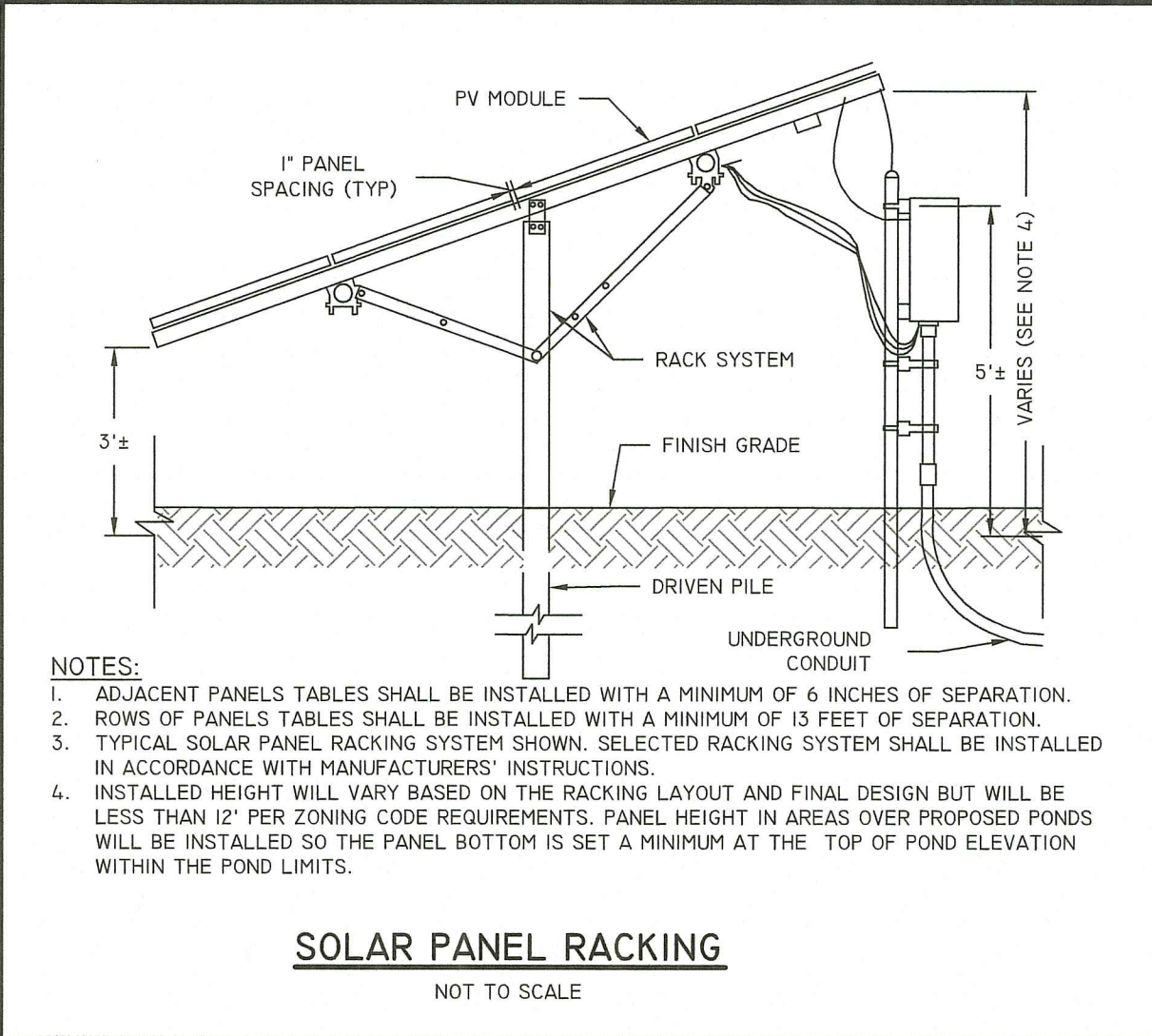
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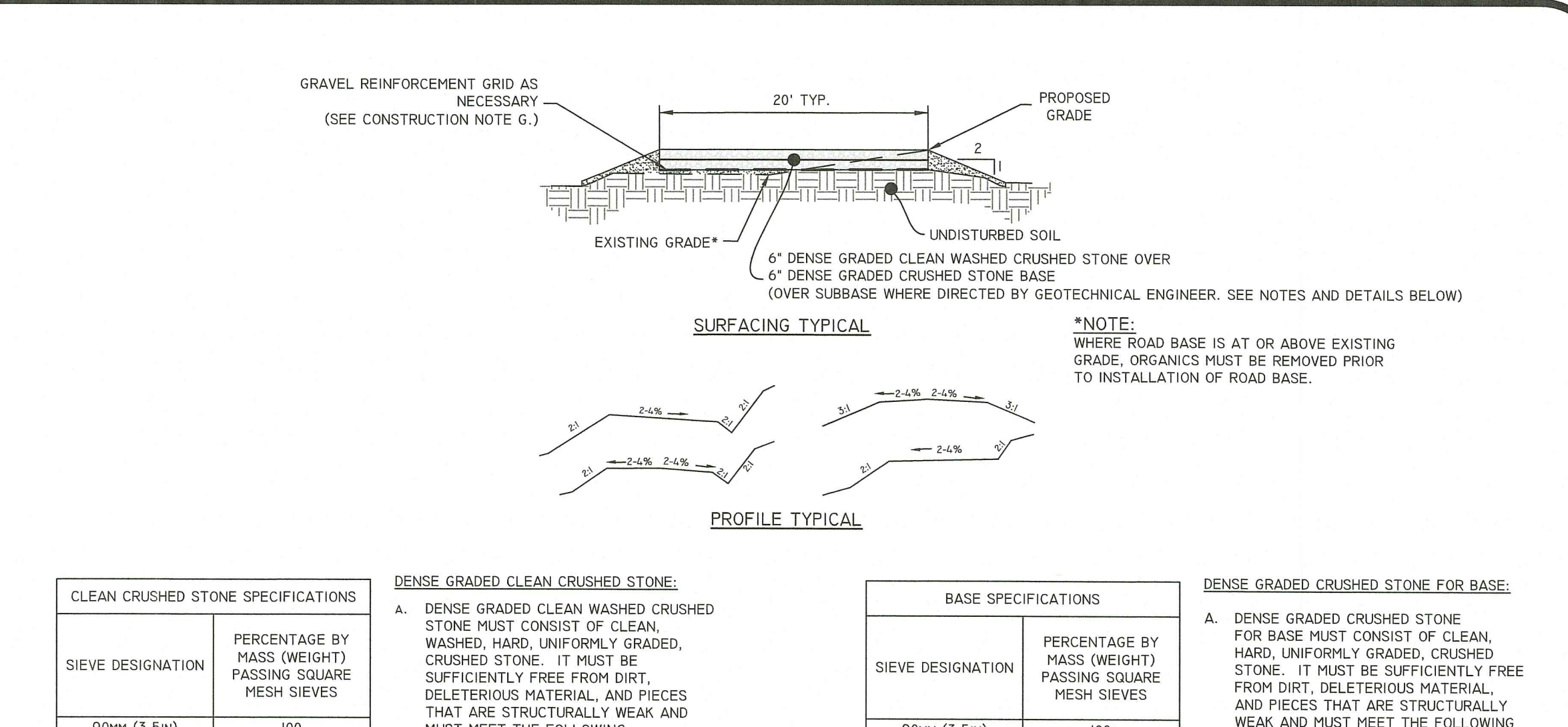
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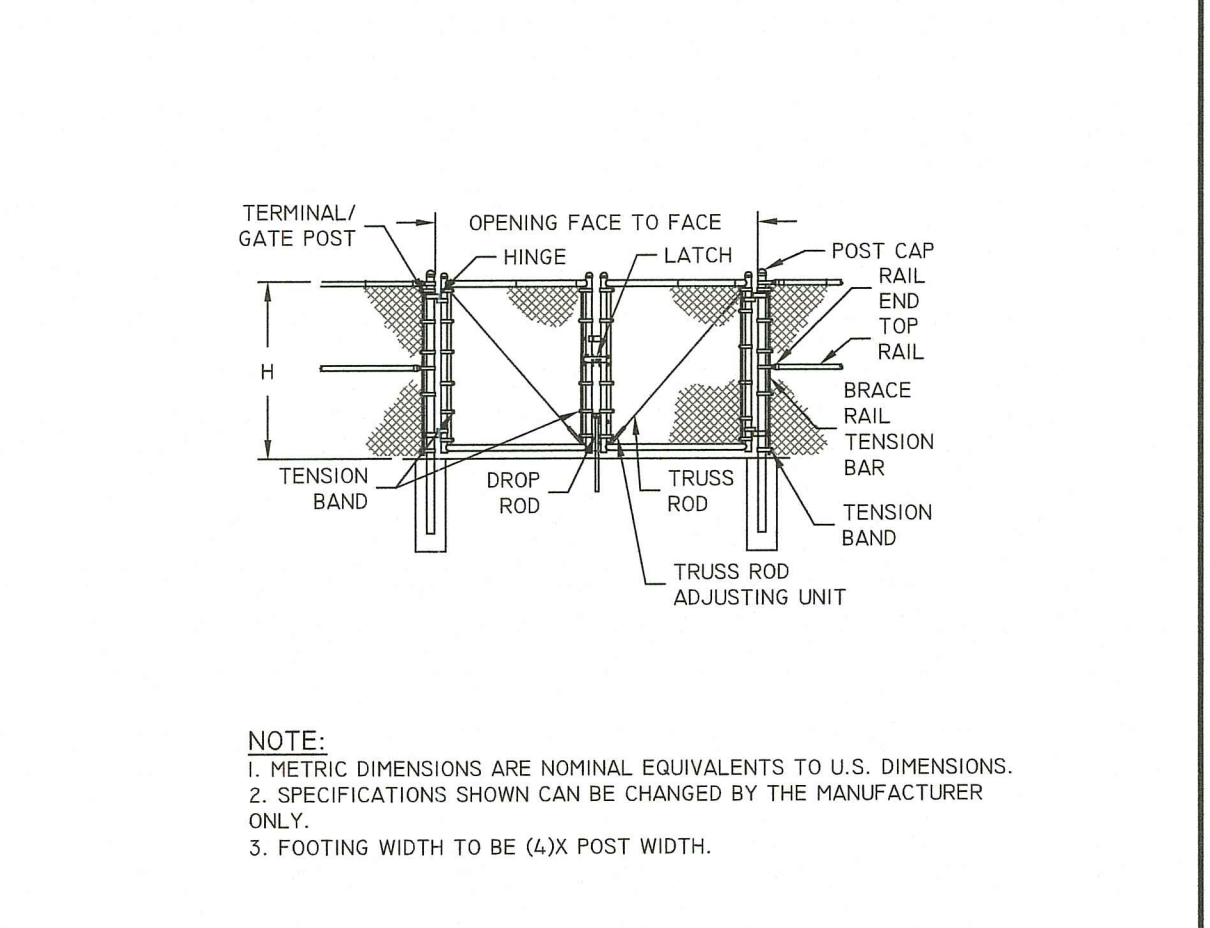
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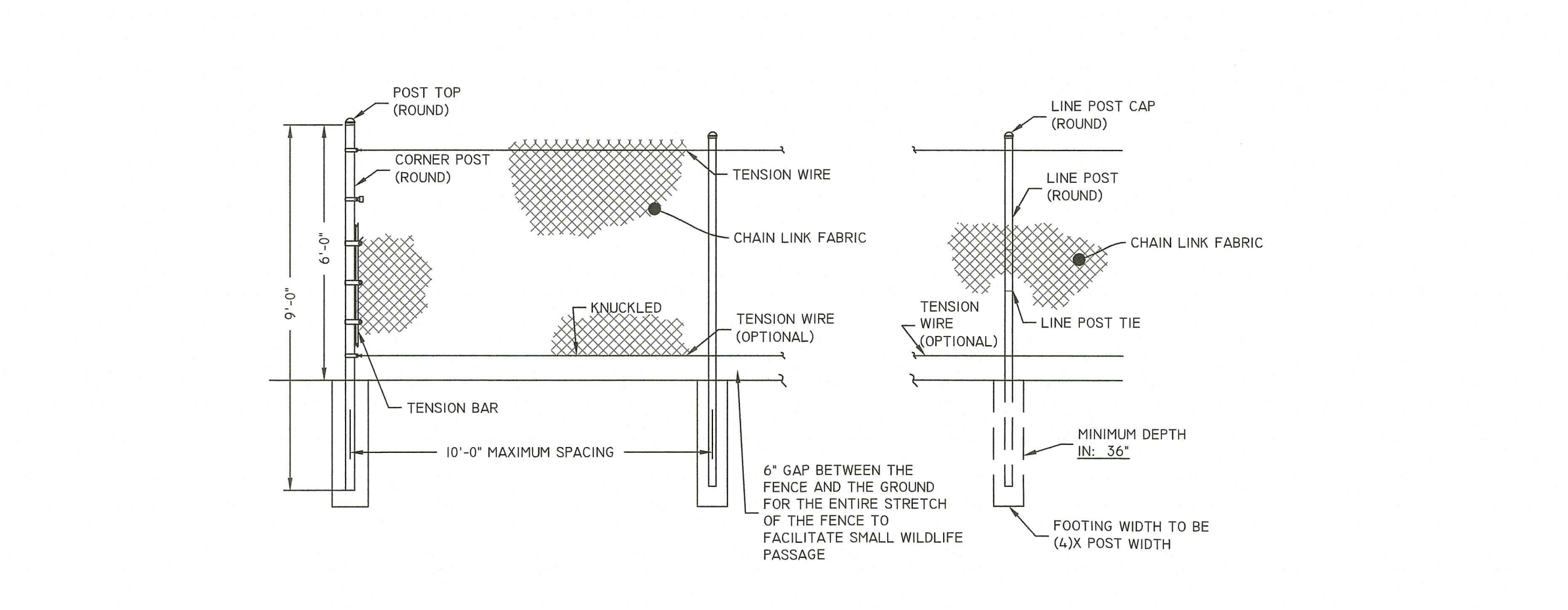
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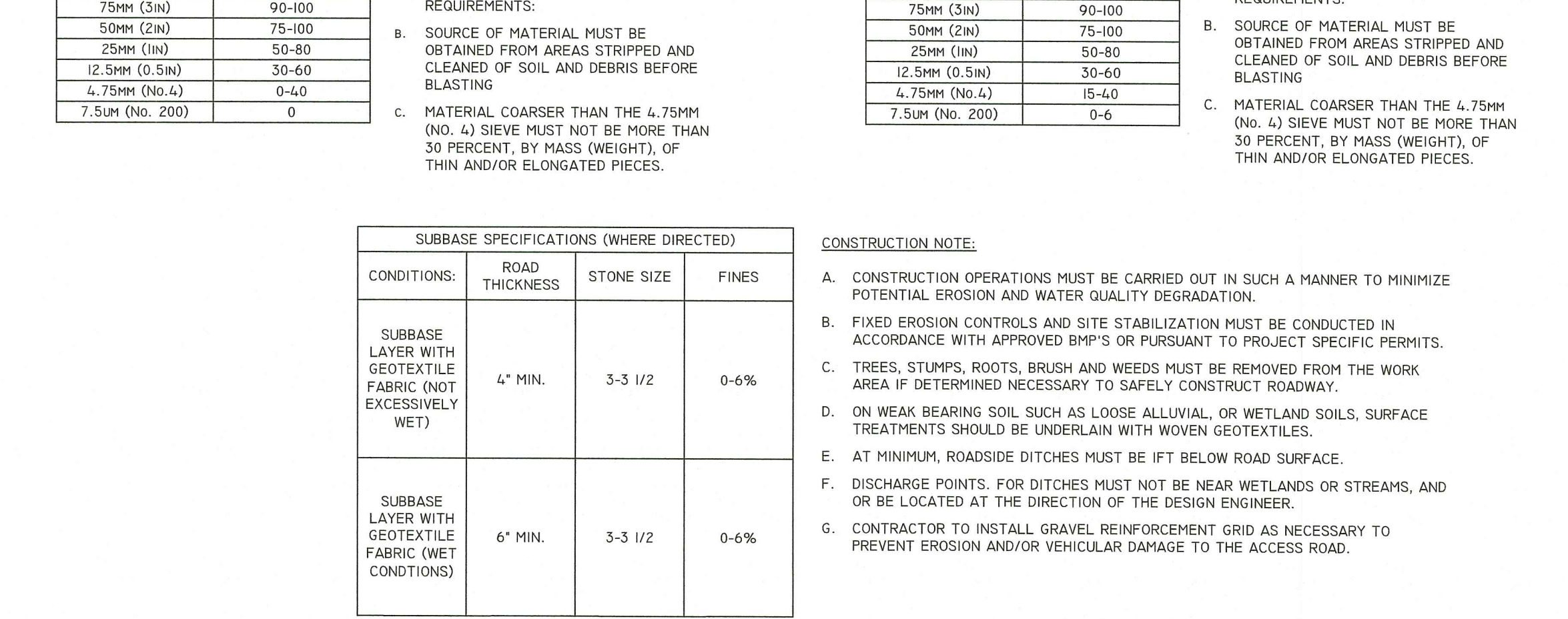
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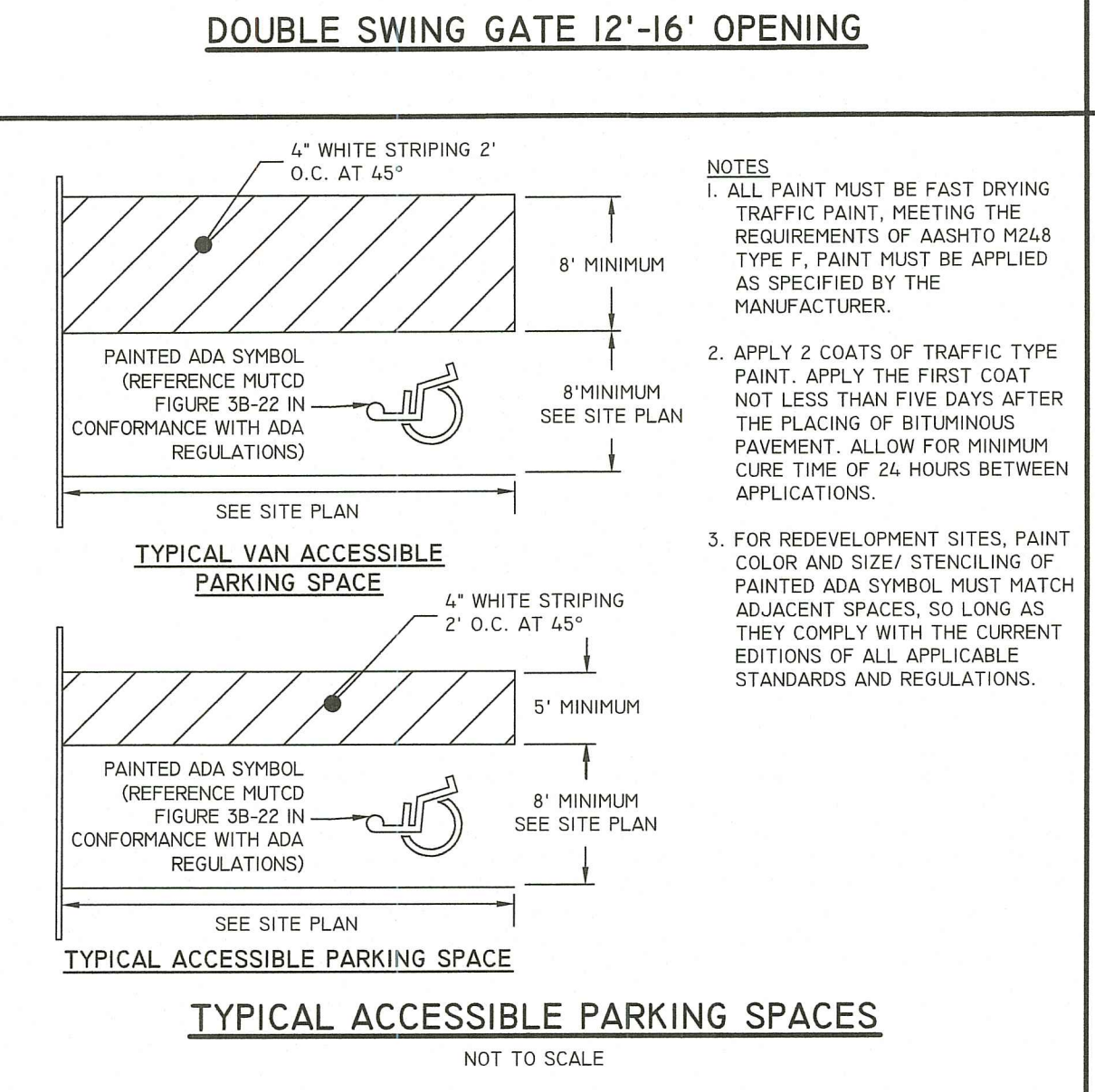
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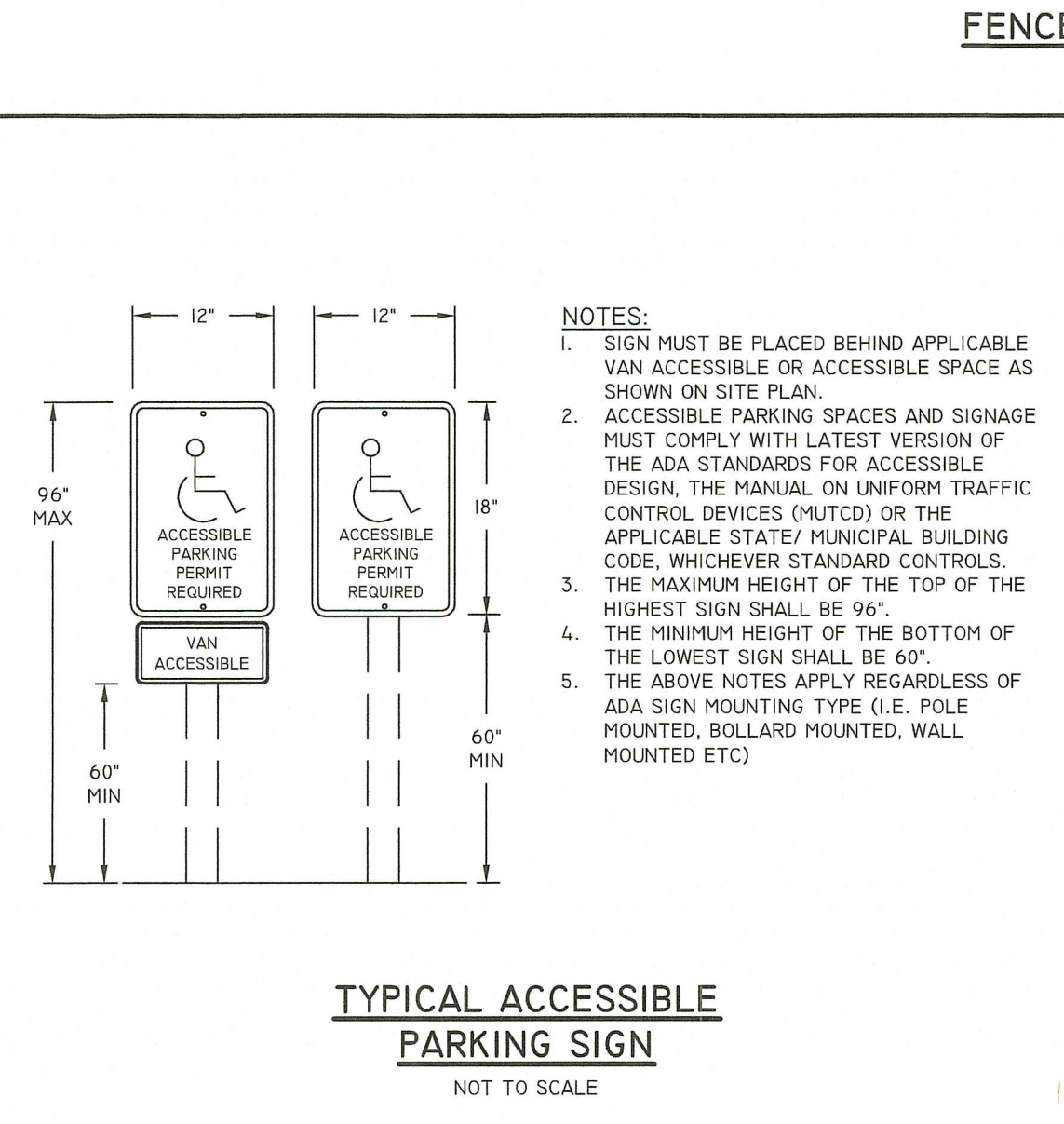
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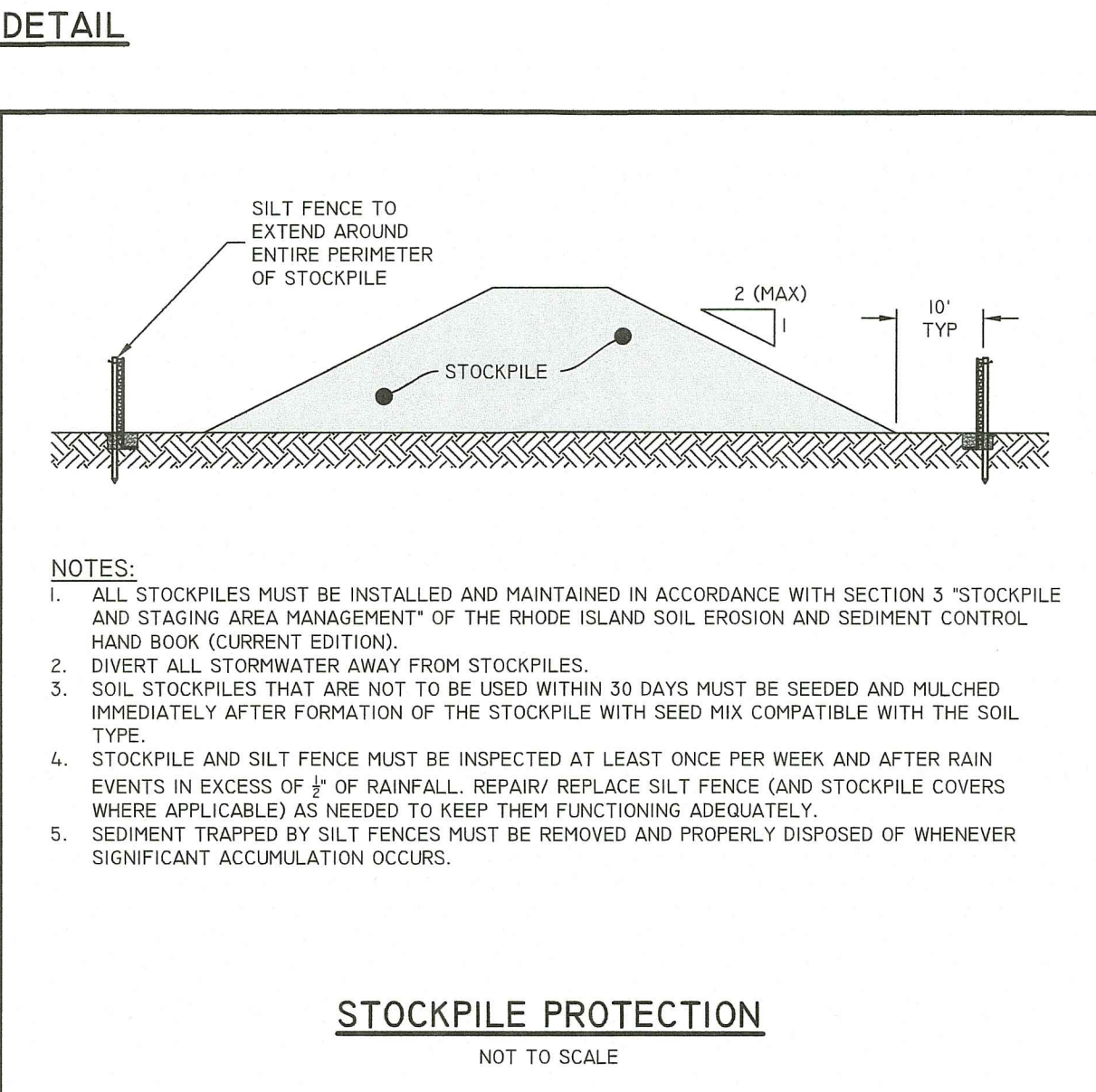
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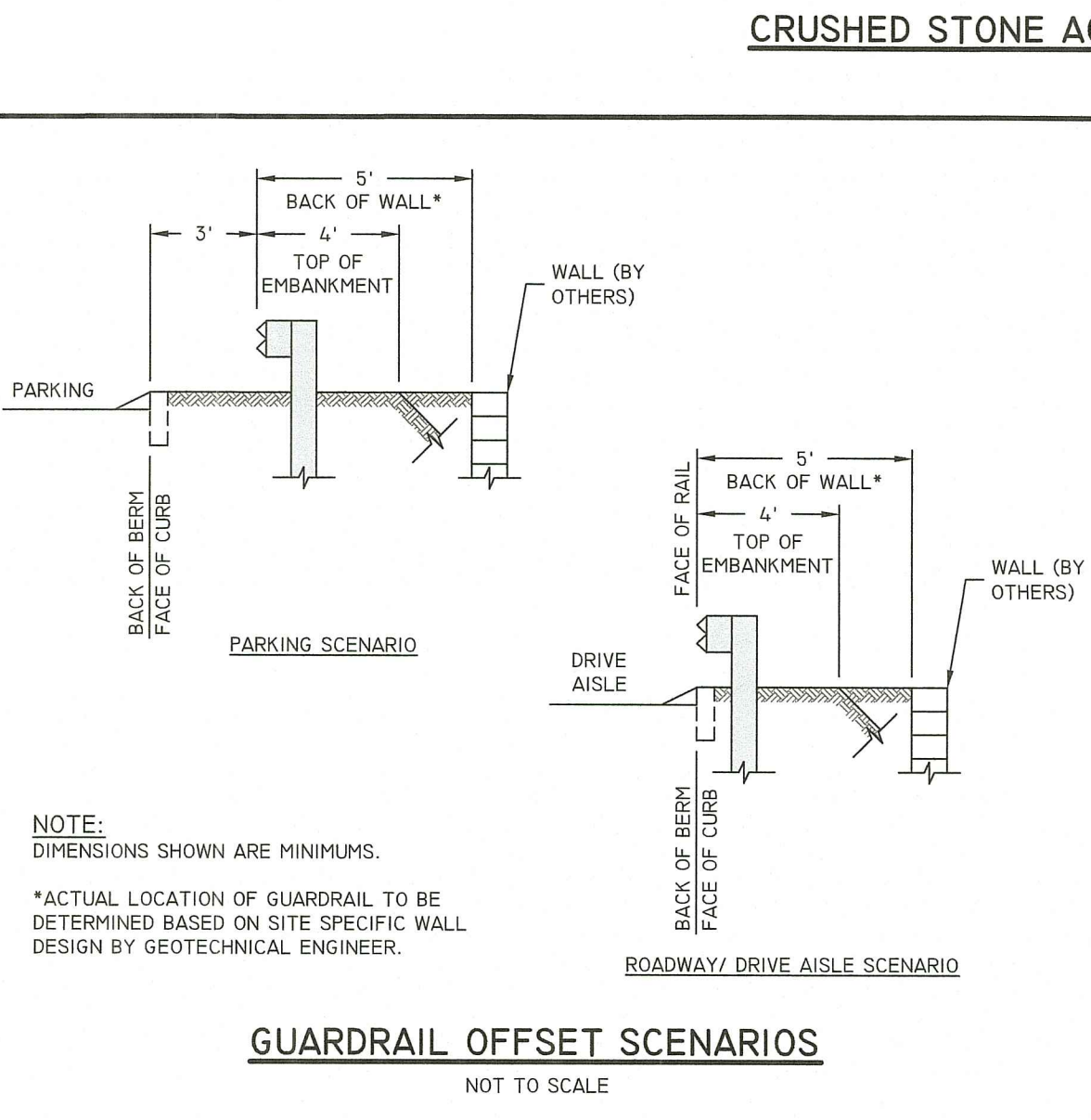
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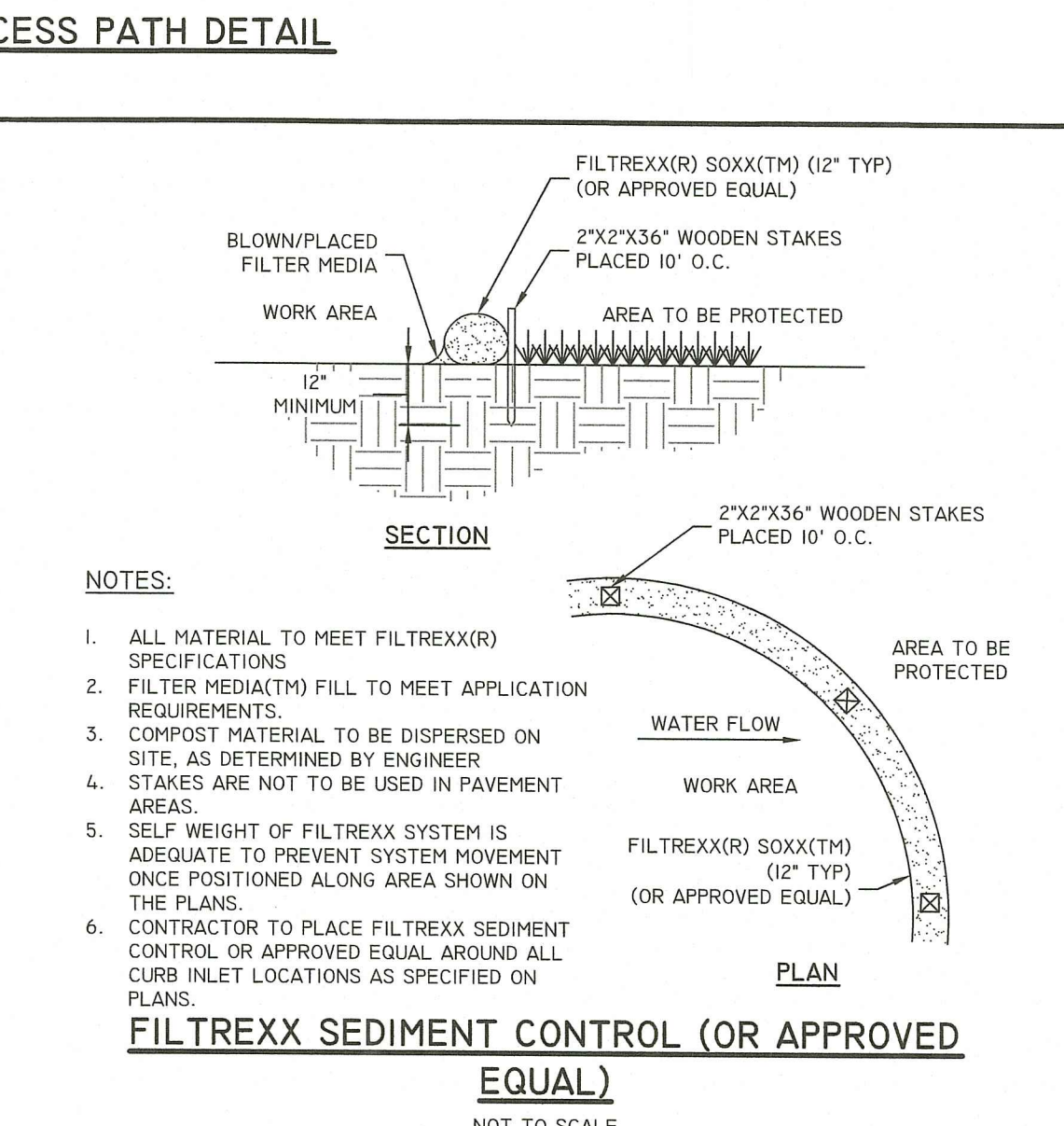
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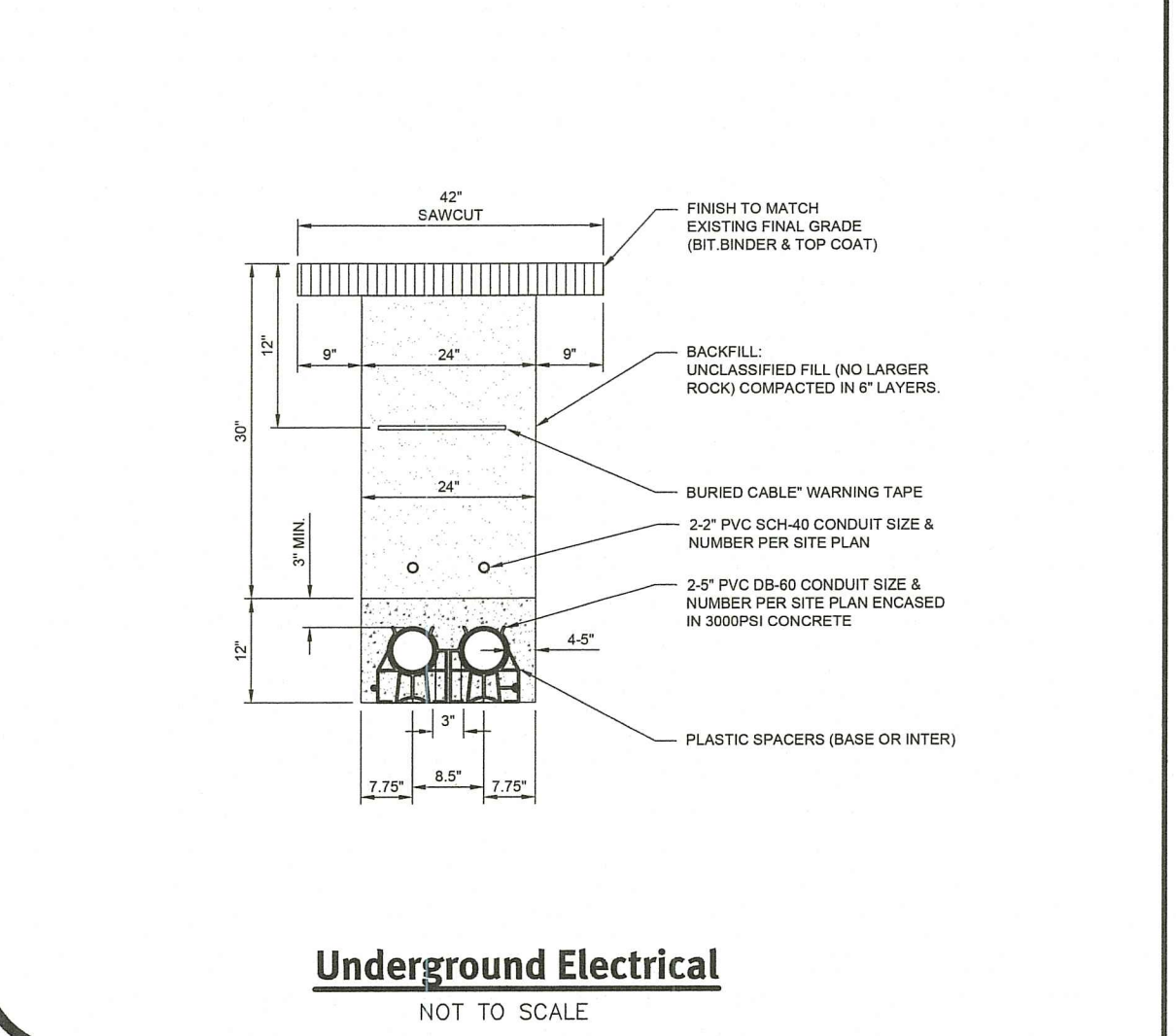
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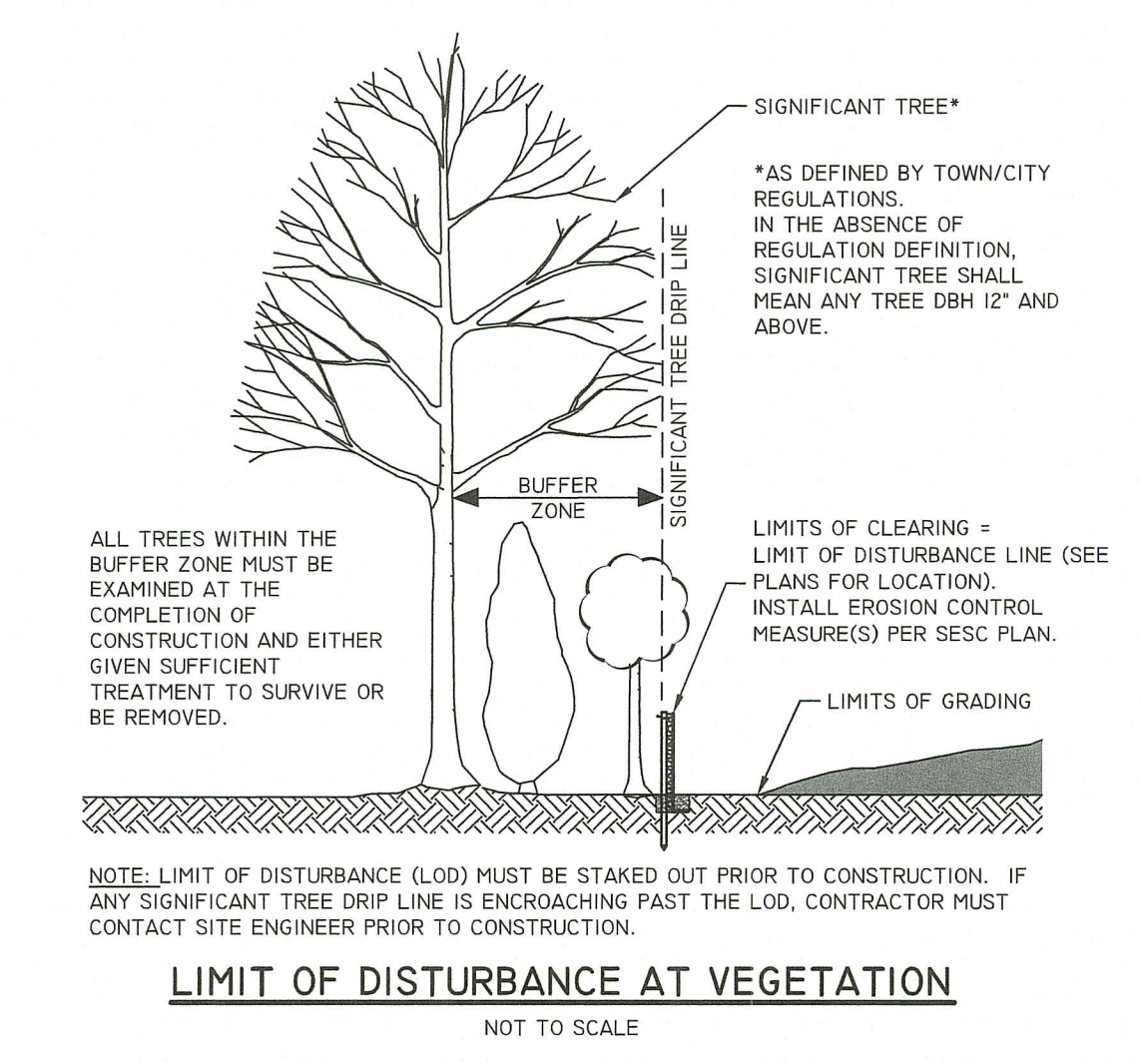
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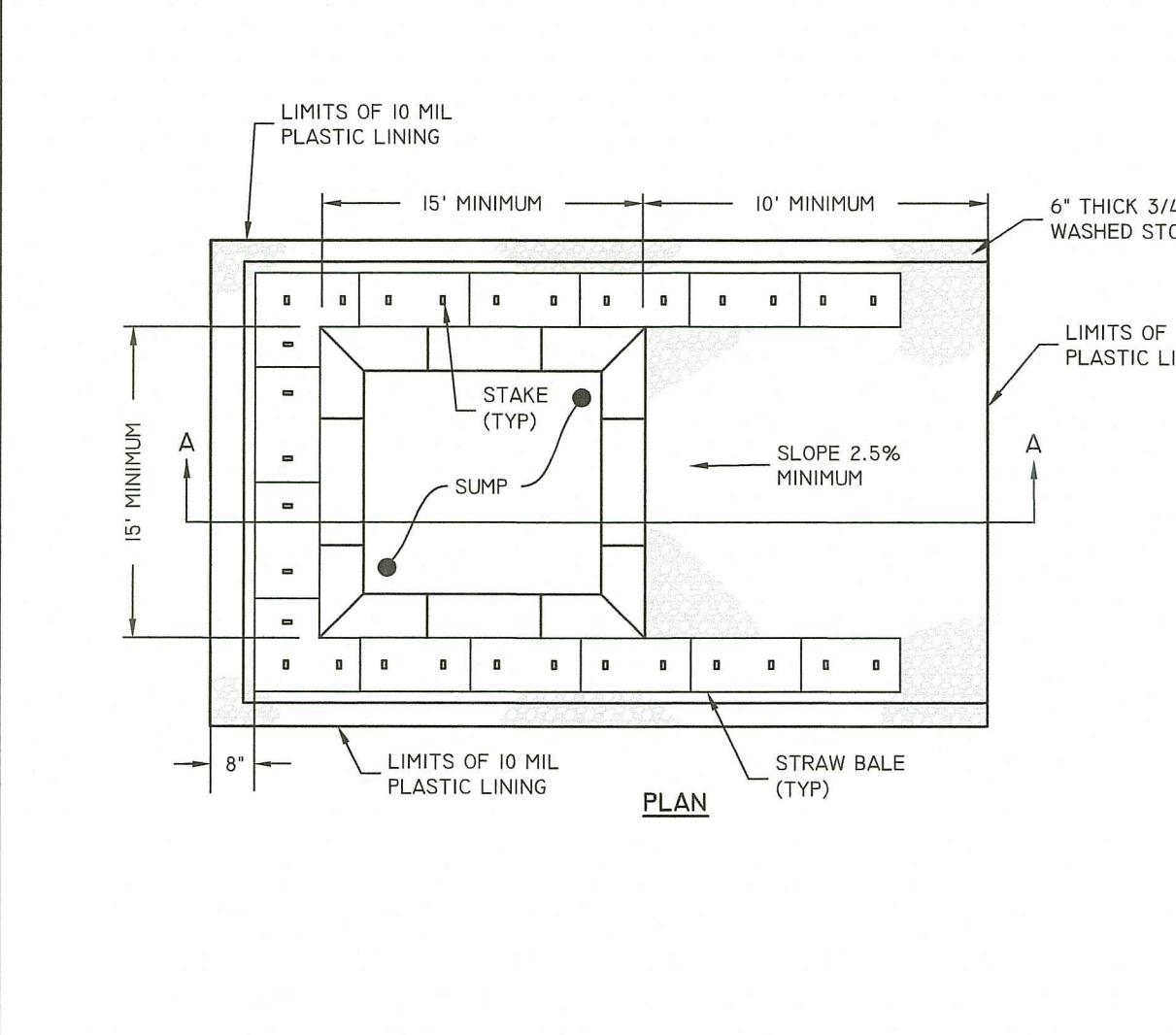
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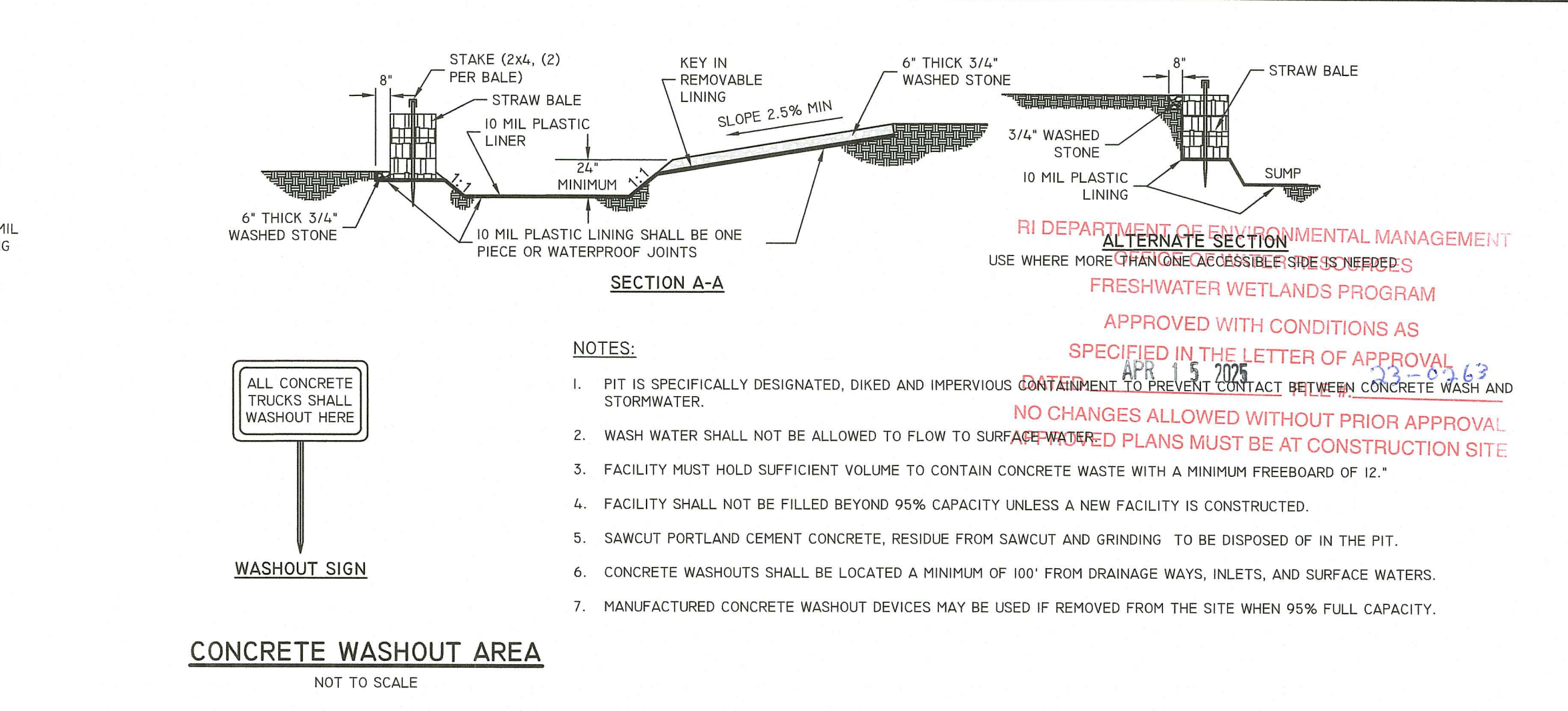
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**CONCRETE WASHOUT AREA**  
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**WASHOUT SIGN**  
NOT TO SCALE

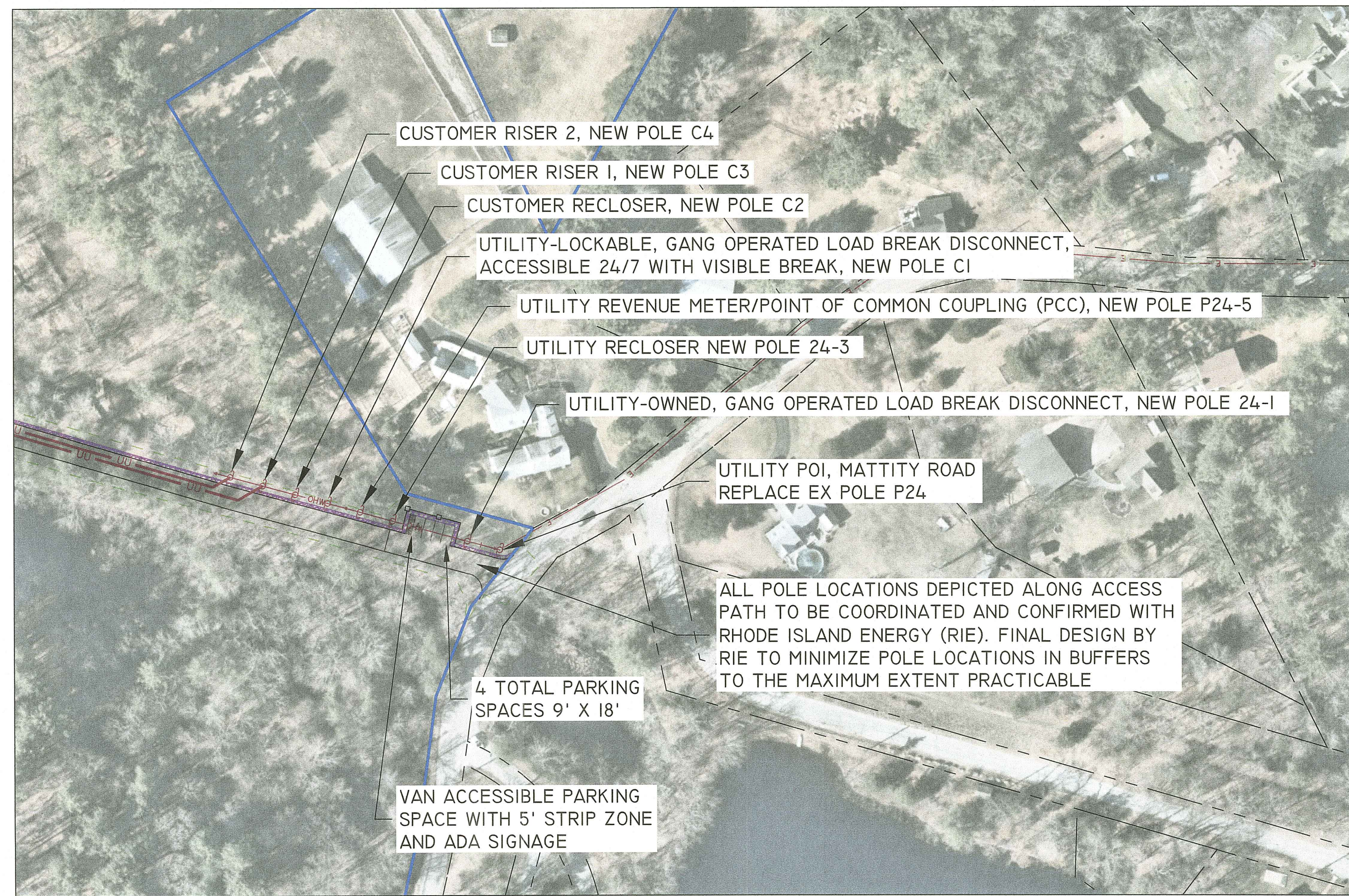
**DiPrete Engineering**  
Two Stafford Court, Cranston, RI 02920  
Tel: 401-943-1000 Fax: 401-943-6006 www.diprete-eng.com

**BRENNA GUAY**  
No. 13738  
REGISTERED PROFESSIONAL ENGINEER CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS SPECIFICALLY ISSUED FOR CONSTRUCTION AND STAMPED BY THE REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING. DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE NEARBY EXISTING UTILITIES SHOWN ON THIS PLAN AND CONFORMANCE IN THE IMPLEMENTATION OF THIS PLAN AND EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. ONLY DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN ON THIS PLAN AND CONFORMANCE IN THE IMPLEMENTATION OF THIS PLAN AND EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. DESIGN BY: B.E.G. DRAWN BY: B.E.G.

APR 09 2015  
Official Water Process  
DETAIL SHEET - I  
DOUGLAS PIKE SOLAR  
ASSESSOR'S PLAT 10 LOT 218  
NORTH SMITHFIELD, RHODE ISLAND  
APR 15 2015  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
PREPARED FOR:  
ANTHONY DELVICARIO  
43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
TEL. 401-752-9299  
SHEET 12 OF 13

REFERENCE "DOUGLAS PIKE SOLAR INTERCONNECTION PROJECT FEEDER UPGRADE (127W40/43)" PREPARED BY VHB DATED 9/13/2024, SHEETS 1-16



INTERCONNECTION POLES ON SITE

SCALE: 1"=80'  
0 40' 80' 160'

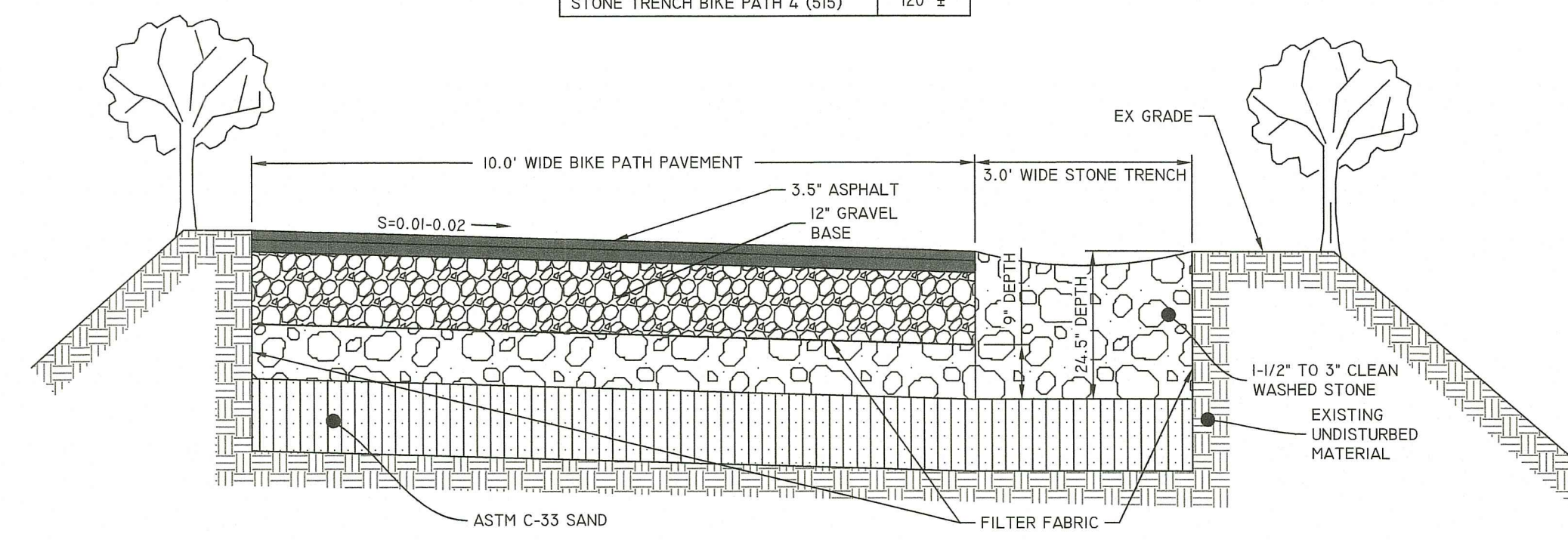
WQ STONE TRENCH NUMBER	LENGTH	HEIGHT (X)
1	347' ±	1.0'
2	200' ±	1.5'
3	531' ±	1.0'
4	407' ±	1.0'
5	294' ±	1.0'
6	368' ±	1.0'
7	207' ±	1.0'
8	526' ±	1.0'
9	520' ±	1.0'
10	409' ±	1.0'
11	548' ±	1.0'
12	822' ±	1.0'
13	282' ±	1.0'
14	637' ±	1.0'
15	127' ±	1.0'
16	169' ±	1.0'
17	492' ±	1.0'
18	55' ±	1.5'
19	336' ±	1.0'

**GENERAL NOTES:**  
1. ROADWAY CROSS SECTION AND MATERIALS SHALL CONFORM TO NORTH SMITHFIELD STANDARDS FOR ROAD CONSTRUCTION AND UTILITY LOCATIONS.  
2. SEE "TYPICAL PAVEMENT SECTION" DETAIL FOR PAVEMENT LAYERS.

**CONSTRUCTION NOTES:**  
1. CLEARING AND GRUBBING: ALL ROOT SYSTEMS, TREES, STUMPS, BUSHES, AND OTHER OBJECTIONABLE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS INDICATED BY THE MUNICIPAL ENGINEER. HEALTHY TREES WITHIN THE RIGHTS-OF-WAY WIDTH AND OUTSIDE THE PAVEMENT WIDTH MAY BE LEFT STANDING, PROVIDED SAID TREES ARE NOT MORE THAN 5' FROM THE RIGHT-OF-WAY LINE, EXCEPT WHERE SIDEWALKS ARE REQUIRED.  
2. EARTH EXCAVATIONS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE REMOVAL OF CLAY, SAND, GRAVEL, LOAM, SOFT OR DISINTEGRATED ROCK WHICH CAN BE REMOVED WITHOUT BLASTING; BOULDERS OF LESS THAN 1/2 CUBIC YARD IN VOLUME; AND OTHER UNACCEPTABLE MATERIALS WITHIN THE LIMITS OF ROADWAY, DRAINAGE, OR OTHER EXCAVATION.  
3. ROCK AND LEDGE EXCAVATION SHALL INCLUDE REMOVAL AND DISPOSAL OF ALL BOULDERS OF 1/2 CUBIC YARD OR MORE IN VOLUME AND ALL HARD LEDGE ROCK WHICH CAN BE REMOVED ONLY BY DRILLING AND SPLITTING MECHANICALLY BY HAND OR BLASTING.  
4. WHERE GROUND WATER IS ENCOUNTERED WITHIN 5' OF FINISHED GRADE AS DETERMINED BY RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, "GROUND WATER PROCEDURES", DURING THE WET SEASON, ADEQUATE SUBSURFACE DRAINAGE SHALL BE CONSTRUCTED TO LOWER THE GROUND WATER LEVEL TO A DEPTH OF AT LEAST 5' BELOW FINISHED GRADE.  
5. PAVEMENT SHALL BE CONSTRUCTED SO AS TO PROVIDE HOT-MIX ASPHALTIC AND BITUMINOUS CONCRETE MATERIALS CONFORMING TO R.I. STANDARD SPECIFICATIONS.

**NOTES:**  
1. THERE SHALL BE NO STORAGE OF MATERIALS ON THE STONE OPENING FOR THE STONE TRENCH.  
2. THE STONE TRENCH WITH 3' DEEP STONE RESERVOIR WILL FOLLOW THE ENTIRETY OF THE BIKE PATH ON SITE

DESCRIPTION OF STONE TRENCH	LENGTH
STONE TRENCH BIKE PATH 1 (S11)	1,181' ±
STONE TRENCH BIKE PATH 2 (S13)	224' ±
STONE TRENCH BIKE PATH 3 (S00B)	720' ±
STONE TRENCH BIKE PATH 4 (S15)	120' ±

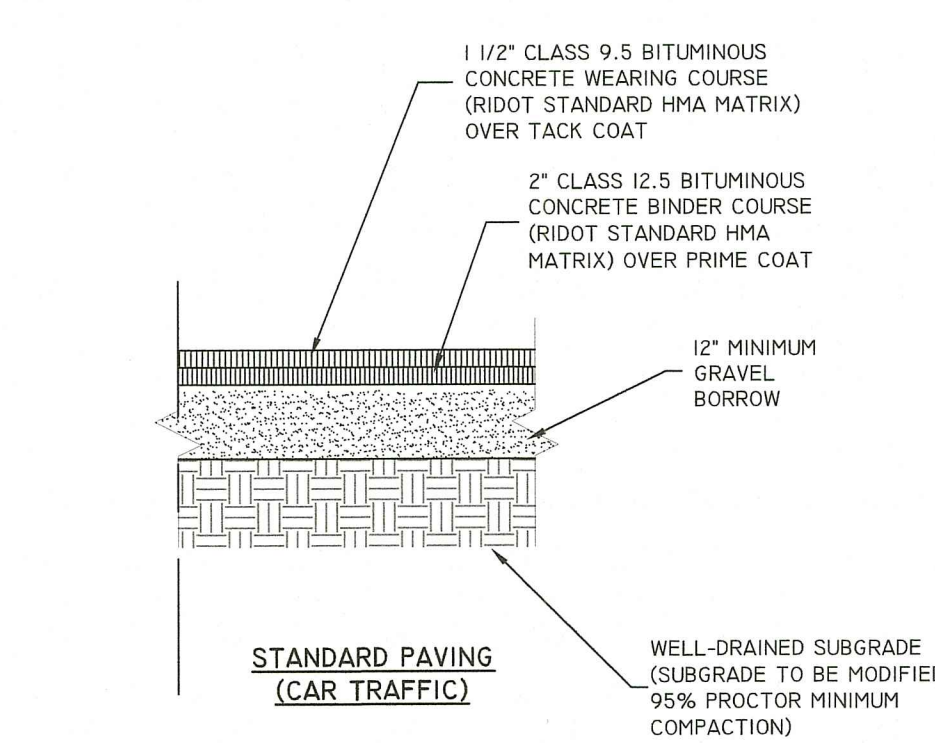


BIKE PATH (WITH WATER QUALITY STONE TRENCH)  
NOT TO SCALE

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: APR 15 2025 FILE # 23-0263  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE FOR CONSTRUCTION SITE

NO.	DATE	DESCRIPTION	BY	DESIGN BY: B.E.G.
1	03/05/2025	ISSUE RESPONSE TO COMMENTS & UPDATE	B.E.G.	
2	04/15/2025	ISSUE RESPONSE TO COMMENTS & UPDATE	B.E.G.	
3	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
4	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
5	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
6	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
7	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
8	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
9	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
10	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
11	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
12	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
13	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
14	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
15	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
16	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
17	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
18	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
19	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
20	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
21	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
22	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
23	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
24	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
25	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
26	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
27	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
28	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
29	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
30	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
31	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
32	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
33	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
34	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
35	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
36	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
37	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
38	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
39	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
40	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
41	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
42	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
43	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
44	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
45	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
46	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
47	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
48	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
49	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	
50	04/22/2025	RIE SUBMISSION RESPONSE TO COMMENTS	B.E.G.	

**NOTE:**  
THIS PAVEMENT SECTION DETAIL REFLECTS ASSUMED MINIMUM REQUIREMENTS WITHOUT GEOTECHNICAL EVALUATION. FINAL DESIGN TO BE BASED ON GEOTECHNICAL DATA OF SPECIFIC PROJECT AND DAILY TRAFFIC DESIGN REQUIREMENTS.



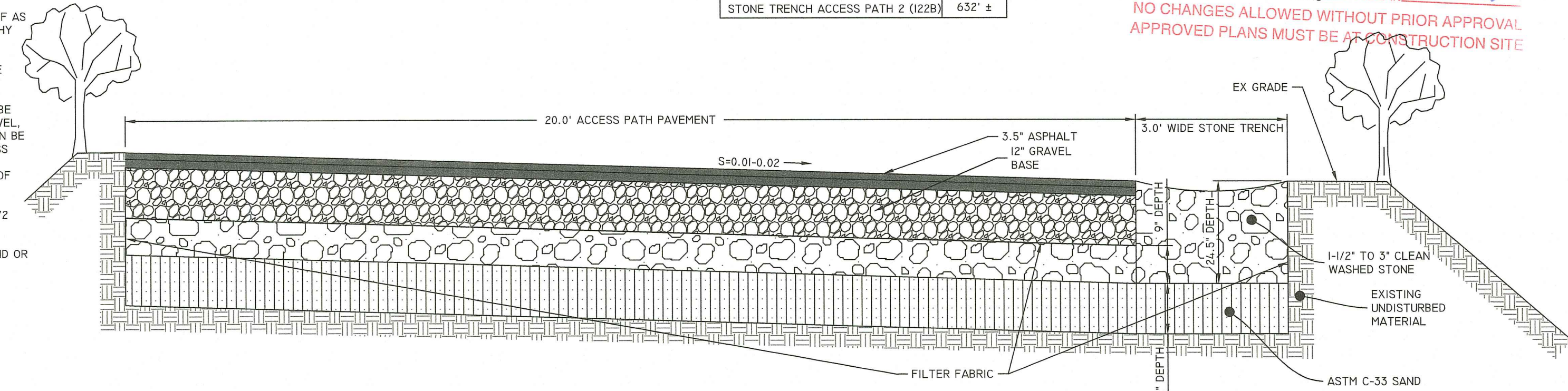
TYPICAL PAVEMENT SECTION  
NOT TO SCALE

**GENERAL NOTES:**  
1. ROADWAY CROSS SECTION AND MATERIALS SHALL CONFORM TO NORTH SMITHFIELD STANDARDS FOR ROAD CONSTRUCTION AND UTILITY LOCATIONS.  
2. SEE "TYPICAL PAVEMENT SECTION" DETAIL FOR PAVEMENT LAYERS.

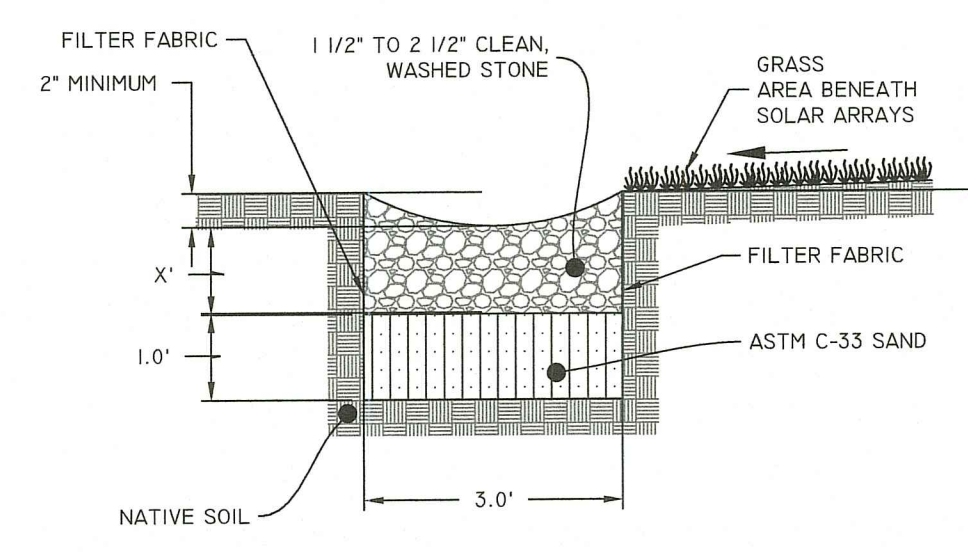
**CONSTRUCTION NOTES:**  
1. CLEARING AND GRUBBING: ALL ROOT SYSTEMS, TREES, STUMPS, BUSHES, AND OTHER OBJECTIONABLE MATERIALS SHALL BE REMOVED AND DISPOSED OF AS INDICATED BY THE MUNICIPAL ENGINEER. HEALTHY TREES WITHIN THE RIGHTS-OF-WAY WIDTH AND OUTSIDE THE PAVEMENT WIDTH MAY BE LEFT STANDING, PROVIDED SAID TREES ARE NOT MORE THAN 5' FROM THE RIGHT-OF-WAY LINE, EXCEPT WHERE SIDEWALKS ARE REQUIRED.  
2. EARTH EXCAVATIONS SHALL INCLUDE, BUT NOT BE LIMITED TO, THE REMOVAL OF CLAY, SAND, GRAVEL, LOAM, SOFT OR DISINTEGRATED ROCK WHICH CAN BE REMOVED WITHOUT BLASTING; BOULDERS OF LESS THAN 1/2 CUBIC YARD IN VOLUME; AND OTHER UNACCEPTABLE MATERIALS WITHIN THE LIMITS OF ROADWAY, DRAINAGE, OR OTHER EXCAVATION.  
3. ROCK AND LEDGE EXCAVATION SHALL INCLUDE REMOVAL AND DISPOSAL OF ALL BOULDERS OF 1/2 CUBIC YARD OR MORE IN VOLUME AND ALL HARD LEDGE ROCK WHICH CAN BE REMOVED ONLY BY DRILLING AND SPLITTING MECHANICALLY BY HAND OR BLASTING.  
4. PAVEMENT SHALL BE CONSTRUCTED SO AS TO PROVIDE HOT-MIX ASPHALTIC AND BITUMINOUS CONCRETE MATERIALS CONFORMING TO R.I. STANDARD SPECIFICATIONS.

**NOTES:**  
1. THERE SHALL BE NO STORAGE OF MATERIALS ON THE STONE OPENING FOR THE STONE TRENCH.  
2. THE STONE TRENCH WITH 3' DEEP STONE RESERVOIR WILL FOLLOW THE ENTIRETY OF THE ACCESS PATH.

DESCRIPTION OF STONE TRENCH	LENGTH
STONE TRENCH ACCESS PATH 1 (110B)	460' ±
STONE TRENCH ACCESS PATH 2 (122B)	632' ±



ACCESS PATH (WITH WATER QUALITY STONE TRENCH)  
NOT TO SCALE



**NOTE:**  
TRENCHES TO BE INSTALLED PARALLEL TO GRADE AT ONE ELEVATION ALONG THE ENTIRE TRENCH. CONTRACTOR TO FIELD ADJUST LOCATION AS NECESSARY

WATER QUALITY (WQ) STONE TRENCH  
NOT TO SCALE

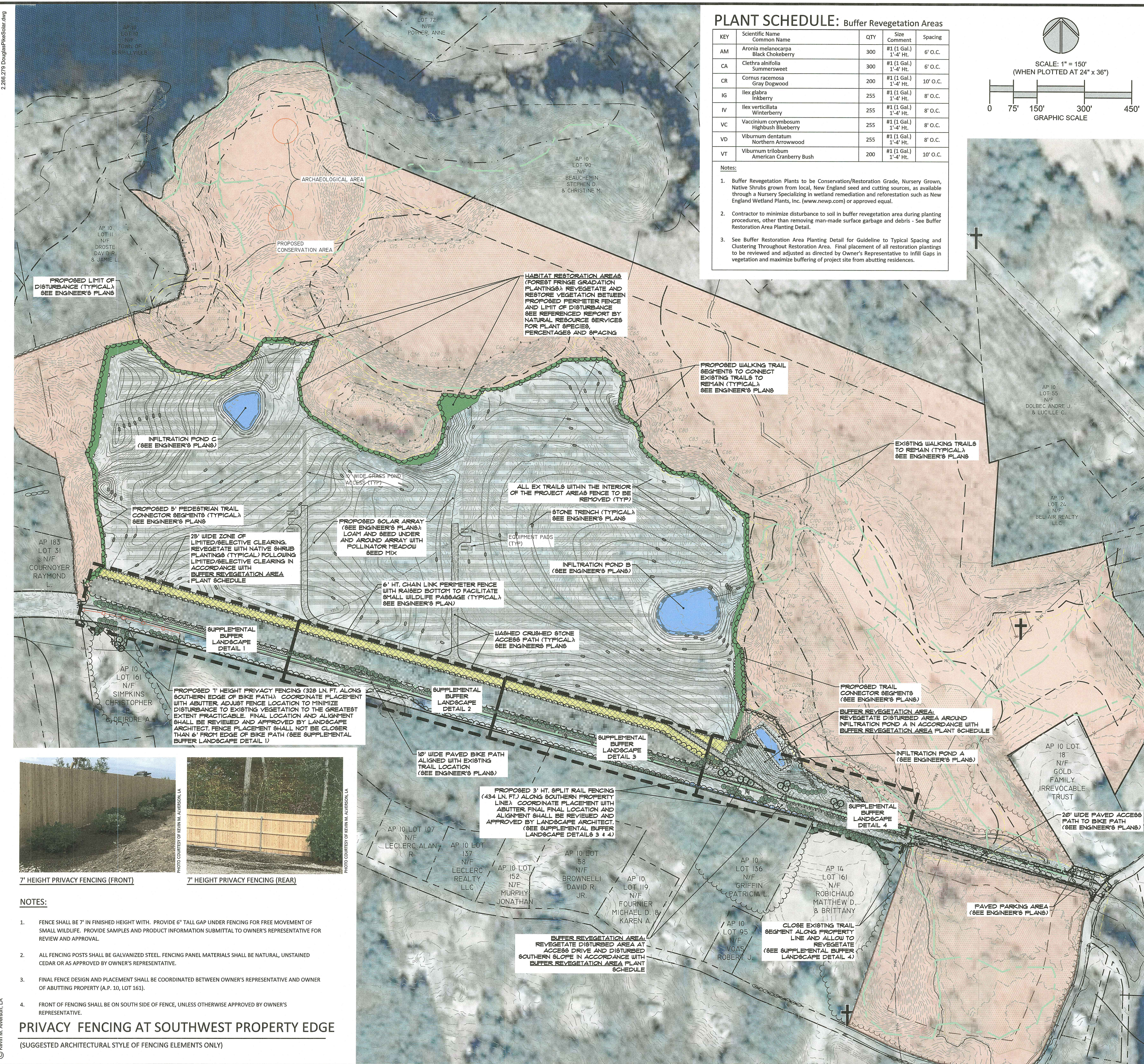
DETAIL SHEET - 2  
DOUGLAS PIKE SOLAR  
ASSESSOR'S PLAT 10 LOT 218  
NORTH SMITHFIELD, RHODE ISLAND  
PREPARED FOR:  
ANTHONY DELVICARIO  
43 CRESTON WAY, WARWICK, RHODE ISLAND 02886  
TEL: 401-752-9299  
RIE JOB NO: 24-24-006 COPYRIGHT 2025 BY DIPRETE ENGINEERING ASSOCIATES, INC.

BRENNA GUAY  
No. 13738  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

THIS PLAN SET MUST NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS IT IS APPROVED BY A REGISTERED PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.  
DIPRETE ENGINEERING, INC.'S WARRANTIES, IN AS FAR AS DIPRETE ENGINEERING IS CONCERNED, ARE LIMITED TO THE DESIGN AND CONSTRUCTION OF THE PROJECTS FOR WHICH DIPRETE ENGINEERING HAS ASSUMED RESPONSIBILITY. DIPRETE ENGINEERING DOES NOT WARRANT PLANS OR ANY OTHER PARTY'S WORK.  
THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE MEANS, METHODS, SAFETY PRECAUTIONS AND REQUIREMENTS, AND OSHA COMPLIANCE IN THE IMPLEMENTATION OF THIS PLAN AND DESIGN.  
EXISTING UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AS SHOWN AND SHOULD BE VERIFIED BY THE CONTRACTOR. DAMAGE TO EXISTING UTILITIES INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES, SEE UTILITY NOTE ON SHEET 33.

Diprete Engineering  
Two Stafford Court, Cranston, RI 02920  
Tel: 401-943-1000 Fax: 401-944-6006 www.diprete-eng.com  
Boston • Providence • Newport

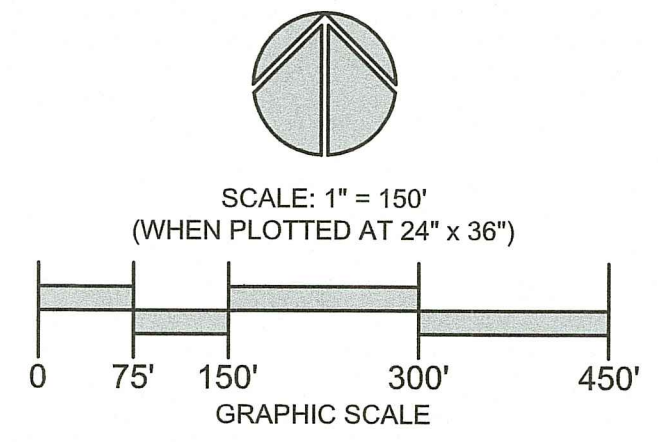
Z:\BRAIN\PROJECTS\24-24-006 DOUGLAS PIKE SOLAR\AUTOCAD DRAWINGS\24-24-006-PLAN\DWG PLOTTER: 4/9/2025



PLANT SCHEDULE: Buffer Vegetation Areas

Table with columns: KEY, Scientific Name, Common Name, QTY, Size Comment, Spacing. Lists plants like Aronia melanocarpa, Clethra alnifolia, Cornus racemosa, etc.

- Notes: 1. Buffer Vegetation Plants to be Conservation/Restoration Grade... 2. Contractor to minimize disturbance to soil... 3. See Buffer Restoration Area Planting Detail for Guideline to Typical Spacing...



LEGEND:

- OVERALL PROJECT PROPERTY LINE (SEE ENGINEER'S PLANS)
SETBACK LINE (SEE ENGINEER'S PLANS)
EXISTING ASSESSOR'S LINE (SEE ENGINEER'S PLANS)
EXISTING WETLAND AREA (SEE ENGINEER'S PLANS)
EXISTING WETLAND EDGE (SEE ENGINEER'S PLANS)
CONSERVATION AREA (SEE ENGINEER'S PLANS)
EXISTING MINOR CONTOUR LINE (SEE ENGINEER'S PLANS)
EXISTING MAJOR CONTOUR LINE (SEE ENGINEER'S PLANS)
NATURAL HERITAGE AREA LIMIT LINE (SEE ENGINEER'S PLANS)
PROPOSED LIMIT OF DISTURBANCE (SEE ENGINEER'S PLANS)
PROPOSED CONTOUR (SEE ENGINEER'S PLANS)
PROPOSED STONE TRENCH DRAINAGE (SEE ENGINEER'S PLANS)
PROPOSED SOLAR ARRAY (SEE ENGINEER'S PLANS)
PROPOSED 6' HT. CHAINLINK PERIMETER FENCE (SEE ENGINEER'S PLANS)
PROPOSED 7' HT. PRIVACY FENCE (SEE DETAILS)
PROPOSED 3' HT. SPLIT RAIL FENCE (SEE DETAILS)
EXISTING PEDESTRIAN TRAIL (SEE ENGINEER'S PLANS)
PROPOSED 5' PEDESTRIAN CONNECTOR TRAIL SEGMENTS (SEE DETAILS)
25' WIDE ZONE OF LIMITED/SELECTIVE CLEARING: REMOVE ONLY TREES 12' OR GREATER IN HEIGHT AS TO NOT IMPEDED SOLAR ENERGY CAPTURE EFFICIENCY...



PHOTO COURTESY OF LIBERTY CEMETARY

- NOTES: 1. ALL FENCING POSTS AND RAILS SHALL BE NATURAL, UNSTAINED CEDAR OR AS APPROVED BY OWNER'S REPRESENTATIVE... 2. FINAL FENCE DESIGN AND PLACEMENT SHALL BE COORDINATED BETWEEN OWNER'S REPRESENTATIVE AND OWNER OF ABUTTING PROPERTY (A.P. 10, LOT 136).

SPLIT RAIL FENCING AT SOUTHEAST PROPERTY EDGE

(SUGGESTED ARCHITECTURAL STYLE OF FENCING ELEMENTS ONLY)

NOTES:

- 1. See Sheets L-2 through L-4 for details on specific plantings proposed within the project area.
2. See Sheet L-4 for Landscape Notes and Details.
3. Proposed Plant Varieties, Locations, and Spacing are intended to suitably obscure the proposed solar installation from abutting residential properties and public roadways.
4. Coordinate with Abutting Landowners of A.P. 10, Lots 161, 151, and 136, and A.P. 14, Lot 161 (Southern Property Line Abutters) on locations of Proposed Supplemental Buffer Plantings on abutting properties and Fencing (where applicable).

REVISION HISTORY table with columns: DATE, REVISION. Shows revisions on 2/5/25 and 2/28/25.

- REFERENCES: 1. Plan Set Entitled: 'RIDEM Submission Douglas Solar Located on Matty Road, North Smithfield, Rhode Island'... 2. Report Entitled: 'Addendum 2 to NRS Narrative Prepared for the North Smithfield Planning Board's Review of Douglas Pike Solar'...

Douglas Solar

A.P. 10, Lot 218
Matty Road
North Smithfield, RI

Owner/Applicant:
Anthony DeVicario
43 Creston Way
Warwick, RI 02886

Kevin M. Alverson
LANDSCAPE ARCHITECTURE
360 Annaquatucket Road
Wickford, RI 02852



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL
DATED: APR 15 2025 FILE # 23-0263
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

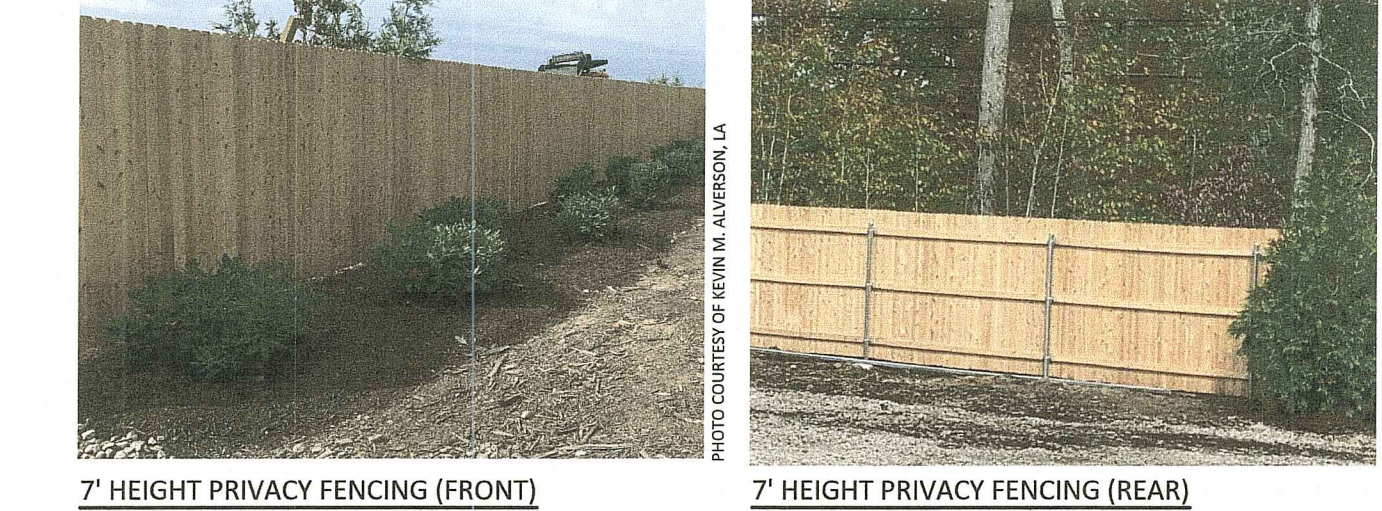
Overall Landscape Plan

Table with Project #: 2.261.420, Sheet 1 of 4, Scale: 1" = 150', Drawn By: KMA, Checked By: KMA, Date: April 11, 2024.

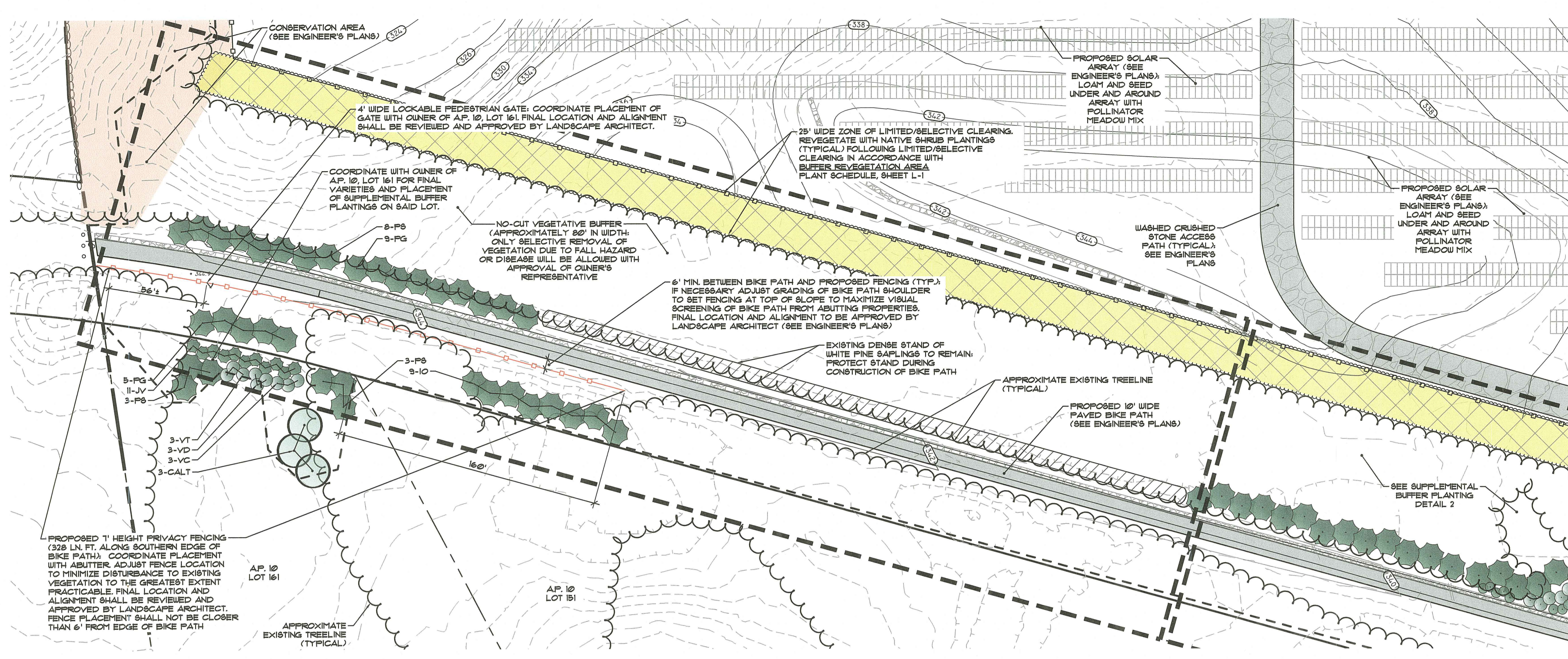
PRIVACY FENCING AT SOUTHWEST PROPERTY EDGE

(SUGGESTED ARCHITECTURAL STYLE OF FENCING ELEMENTS ONLY)

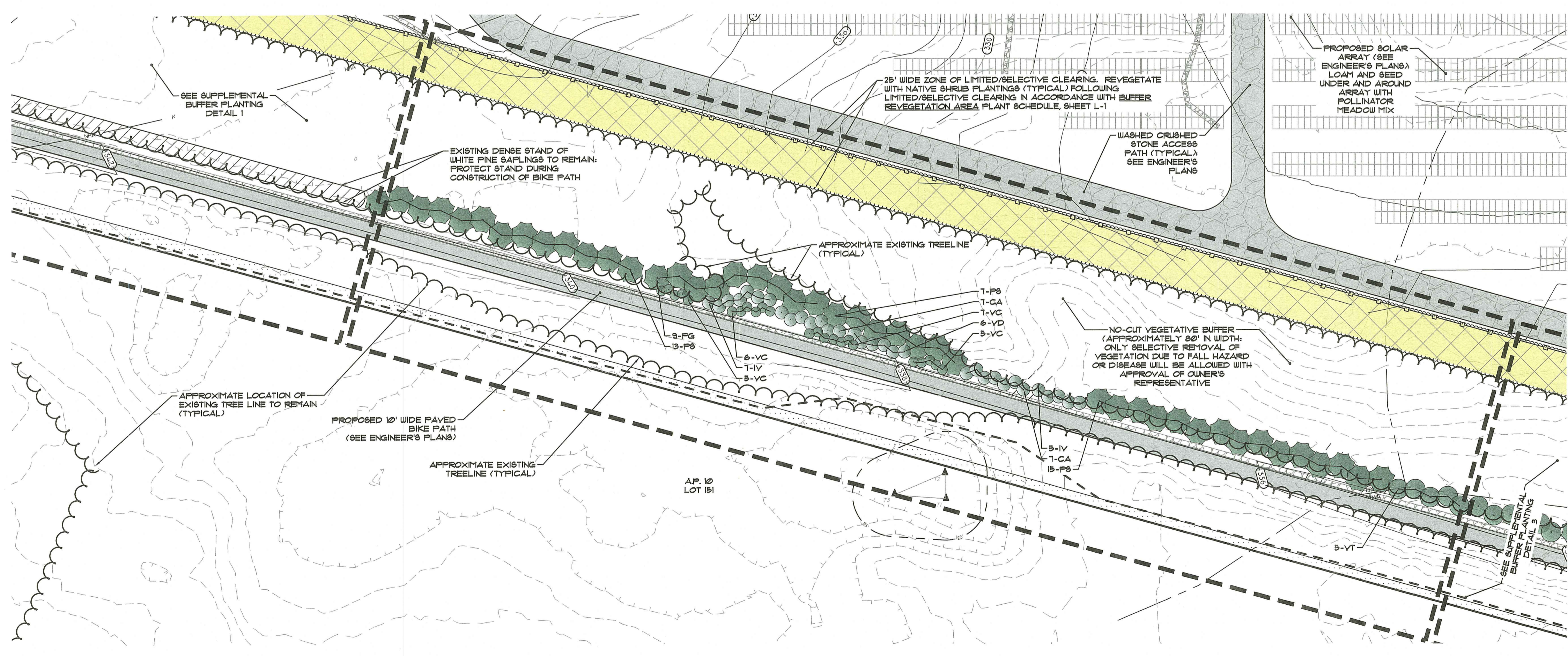
- NOTES: 1. FENCE SHALL BE 7' IN FINISHED HEIGHT WITH... 2. ALL FENCING POSTS SHALL BE GALVANIZED STEEL... 3. FINAL FENCE DESIGN AND PLACEMENT SHALL BE COORDINATED BETWEEN OWNER'S REPRESENTATIVE AND OWNER OF ABUTTING PROPERTY... 4. FRONT OF FENCING SHALL BE ON SOUTH SIDE OF FENCE...



7' HEIGHT PRIVACY FENCING (FRONT) and 7' HEIGHT PRIVACY FENCING (REAR)



1 SUPPLEMENTAL BUFFER PLANTING DETAIL 1



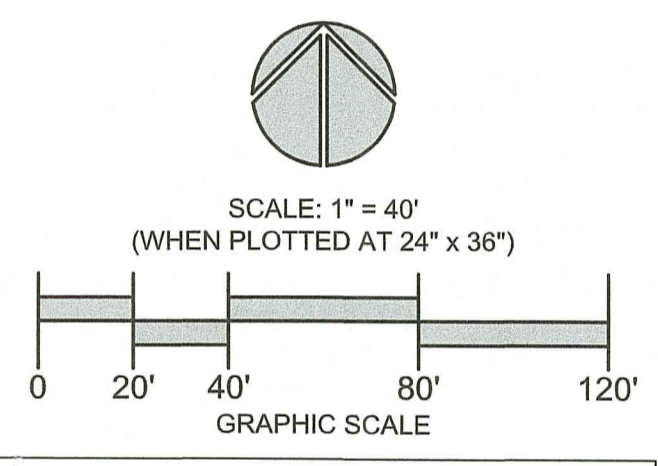
2 SUPPLEMENTAL BUFFER PLANTING DETAIL 2

- Notes:
- Proposed Plant Varieties, Locations, and Spacing are intended to suitably obscure the proposed solar installation from abutting residential properties and public roadways. These Landscape Plans are intended to be utilized as a guideline for installation. Final locations of all proposed plantings shall be reviewed by Owner's Representative and adjusted as necessary to minimize any conflicts with existing wooded buffer vegetation to remain and infill gaps in existing vegetation to further buffer development from abutting properties and roadways.
  - Coordinate with Abutting Landowners of A.P. 10, Lots 161, 151, and 136, and A.P. 14, Lot 161 (Southern Property Line Abutters) on locations of Proposed Supplemental Buffer Plantings on abutting properties and Fencing (where applicable). Final location of Fencing shall be reviewed and approved by Landscape Architect.

PLANT SCHEDULE: SUPPLEMENTAL BUFFER 1

KEY	Scientific Name Common Name	QTY	Size Comment	Spacing
CALT	<i>Cornus alternifolia</i> Pagoda Dogwood	3	8'-10' Container	20' O.C.
IO	<i>Ilex opaca</i> American Holly	9	7'-8' 8&B	12' O.C.
JV	<i>Juniperus virginiana</i> Eastern Red Cedar	11	7'-8' 8&B	12' O.C.
PG	<i>Picea glauca</i> White Spruce	14	7'-8' 8&B	15' O.C.
PS	<i>Pinus strobus</i> Eastern White Pine	14	7'-8' 8&B	15' O.C.
VC	<i>Vaccinium corymbosum</i> Highbush Blueberry	3	#7 (7 Gal.) Container	8' O.C.
VD	<i>Viburnum dentatum</i> Northern Arrowwood	3	#7 (7 Gal.) Container	8' O.C.
VT	<i>Viburnum trilobum</i> American Cranberry Bush	3	#7 (7 Gal.) Container	10' O.C.

- Notes:
- Noted Spacing above is to be utilized as a guideline for installation. Final locations of all proposed plantings shall be as necessary and field adjusted to minimize any conflicts with existing wooded buffer vegetation to remain and infill gaps in existing vegetation to further buffer Solar Array and Associated Elements from abutting properties and roadways, if needed.

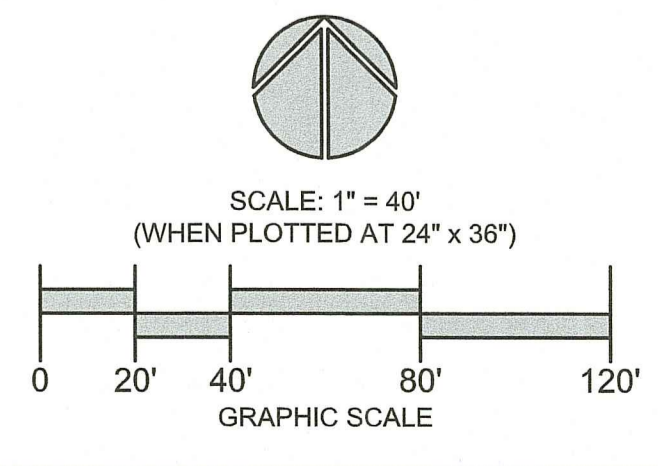


- Notes:
- Proposed Plant Varieties, Locations, and Spacing are intended to suitably obscure the proposed solar installation from abutting residential properties and public roadways. These Landscape Plans are intended to be utilized as a guideline for installation. Final locations of all proposed plantings shall be reviewed by Owner's Representative and adjusted as necessary to minimize any conflicts with existing wooded buffer vegetation to remain and infill gaps in existing vegetation to further buffer development from abutting properties and roadways.
  - Coordinate with Abutting Landowners of A.P. 10, Lots 161, 151, and 136, and A.P. 14, Lot 161 (Southern Property Line Abutters) on locations of Proposed Supplemental Buffer Plantings on abutting properties and Fencing (where applicable). Final location of Fencing shall be reviewed and approved by Landscape Architect.

PLANT SCHEDULE: SUPPLEMENTAL BUFFER 2

KEY	Scientific Name Common Name	QTY	Size Comment	Spacing
CA	<i>Clethra alnifolia</i> Summersweet	14	#7 (7 Gal.) Container	6' O.C.
IV	<i>Ilex verticillata</i> Winterberry	12	#7 (7 Gal.) Container	8' O.C.
PG	<i>Picea glauca</i> White Spruce	9	7'-8' 8&B	15' O.C.
PS	<i>Pinus strobus</i> Eastern White Pine	35	7'-8' 8&B	15' O.C.
VC	<i>Vaccinium corymbosum</i> Highbush Blueberry	23	#7 (7 Gal.) Container	8' O.C.
VD	<i>Viburnum dentatum</i> Northern Arrowwood	6	#7 (7 Gal.) Container	8' O.C.
VT	<i>Viburnum trilobum</i> American Cranberry Bush	5	#7 (7 Gal.) Container	10' O.C.

- Notes:
- Noted Spacing above is to be utilized as a guideline for installation. Final locations of all proposed plantings shall be as necessary and field adjusted to minimize any conflicts with existing wooded buffer vegetation to remain and infill gaps in existing vegetation to further buffer Solar Array and Associated Elements from abutting properties and roadways, if needed.



REVISION HISTORY:

DATE	REVISION
2/5/25	RIDEM Response to Comments #2, Revised Parking, and Abutter Comments

- REFERENCES:
- Plan Set Entitled: 'RIDEM Submission Douglas Solar Located on Mattily Road, North Smithfield, Rhode Island', Sheets 1-13 of 13; Prepared for: Anthony DelVicario; Prepared by: DiPrete Engineering; Dated: 12/13/23, with revisions through 2/5/25
  - Report Entitled, 'Addendum 2 to NRS Narrative Prepared for the North Smithfield Planning Board's Review of Douglas Pike Solar'; Prepared For: Anthony DelVicario; Prepared by: Scott P. Rabideau, PWS, Principal, Natural Resource Services, Inc.; Dated February 19, 2024

**Douglas Solar**

A.P. 10, Lot 118  
Mattily Road  
North Smithfield, RI

Owner/Applicant:  
Anthony DelVicario  
43 Creston Way  
Warwick, RI 02886

**Kevin M. Alverson**  
LANDSCAPE ARCHITECTURE  
360 Annaquatucket Road  
Wickford, RI 02852  
401-338-0044  
KevinMAlversonLA.com

LANDSCAPE PLANTING ONLY

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: APR 15 2025 FILE #: 23-0063  
Office of Water Resources

**Landscape Plan 1:  
West End of  
Southern Buffer**

Project #: 2.261.420	Sheet 2 of 4
Scale: As Shown	<b>L-2</b>
Drawn By: KMA	
Checked By: KMA	
Date: April 11, 2024	



### LANDSCAPE NOTES:

- THE CONTRACTOR SHALL INSTALL ALL PLANT MATERIAL IN CONFORMANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, AND THE CURRENT PLANTING PROCEDURES ESTABLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, FORMERLY THE AMERICAN ASSOCIATION OF NURSERMEN.
- OTHER THAN ANY RELOCATED AND REUSED NATIVE BUFFER PLANTINGS, ALL NEW SPECIFIED PLANT MATERIAL SHALL MEET THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, FORMERLY THE AMERICAN ASSOCIATION OF NURSERMEN, STANDARDS FOR NURSERY STOCK, LATEST EDITION, AND ITS AMENDMENTS. PLANT ONLY DURING SEASONS NORMAL TO THE PARTICULAR VARIETY.
- SPECIFIED PLANT VARIETIES, QUANTITIES, AND SIZES ARE SUBJECT TO AVAILABILITY AT TIME OF ORDERING AND INSTALLATION. ALL PLANT SUBSTITUTIONS AND/OR CHANGES IN PLANT LOCATION OR SIZE MUST BE APPROVED BY THE PROJECT OWNER OR OPERATOR, OR THEIR REPRESENTATIVE.
- ALL PLANTINGS SHALL BE SIZED IN ACCORDANCE WITH THE SIZES INDICATED, UNLESS OTHERWISE APPROVED BY THE PROJECT OWNER OR OPERATOR, OR THEIR REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY TO AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLANS.
- THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND SHALL OBTAIN ALL NECESSARY PERMITS FOR THE PROJECT.
- MAINTENANCE AND WARRANTY:**
  - ALL PROPOSED PLANTINGS SHALL BE MAINTAINED BY THE OWNER'S REPRESENTATIVE FOLLOWING INSTALLATION. MAINTENANCE SHALL INCLUDE WATERING OF TREES AS NECESSARY TO ENSURE PROPER ESTABLISHMENT OF PLANTINGS, AND SUPPLEMENTAL WATERING IF NECESSARY DURING PERIODS OF EXTREME DROUGHT. FOLLOWING ESTABLISHMENT OF PLANTINGS, OWNER SHALL MAINTAIN ALL LANDSCAPING THROUGHOUT THE PROJECT SITE FOR THE LIFE OF THE PROJECT.
  - CONTRACTOR SHALL PROVIDE A TWO (2) YEAR WARRANTY ON ALL NEW PLANTINGS. SHOULD NEW PLANT MATERIAL DIE (OR DECLINE TO THE POINT WHERE PLANT IS EXPECTED TO DIE) WITHIN THIS WARRANTY PERIOD (OTHER THAN DUE TO NATURAL FACTORS, NATURAL DISASTER, OR NEGLECT), CONTRACTOR SHALL REMOVE THE PLANT AND REPLACE SAID PLANT MATERIAL WITH NEW PLANTINGS IN ACCORDANCE WITH THE SIZE AND VARIETY SPECIFIED. ALL REPLACEMENT PLANT MATERIAL SHALL CARRY A NEW TWO (2) YEAR WARRANTY STARTING FROM THE DATE OF REPLACEMENT.
- FINAL LOCATIONS OF ALL NEW PLANTINGS SHALL BE ADJUSTED AS NECESSARY BASED ON FINAL AS-BUILT LOCATIONS OF ALL NEW AND EXISTING UTILITIES, EXISTING VEGETATION TO REMAIN, AND OTHER SITE IMPROVEMENTS.
- PROTECTION OF EXISTING PLANTINGS:**
  - WITHIN EXISTING WOODED BUFFERS TO REMAIN, ALL TREES, SHRUBS, AND UNDERSTORY VEGETATION WILL BE RETAINED AND PROTECTED TO THE GREATEST EXTENT PRACTICABLE. WITHIN THESE AREAS, CONTRACTOR WILL SELECTIVELY REMOVE ONLY THOSE TREES DEEMED TO BE A FALL HAZARD OR SAFETY RISK BY THE OWNER'S REPRESENTATIVE AND CERTIFIED ARBORIST.
  - PRUNING OF ANY DAMAGED ROOTS SHALL BE DONE IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, UTILIZING ONLY CLEAN SHARP TOOLS - NO AXES TO BE USED FOR PRUNING. CARE SHALL BE TAKEN NOT TO DISPOSE OF PAINT OR ANY OTHER SOLVENTS THAT MAY CHANGE THE SOIL STRUCTURE IN OR AROUND THE ROOTZONE OF VEGETATION SPECIFIED TO REMAIN.
  - ALL EXISTING VEGETATION TO REMAIN WILL BE MONITORED DURING CONSTRUCTION AND RE-ASSESSED ONE-YEAR FOLLOWING COMPLETION OF CONSTRUCTION PROCEDURES BY OWNER'S REPRESENTATIVE.
- TOPSOIL PRESERVATION AND PLANTABLE SOIL:**
  - TOPSOIL MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE RETAINED AND REDISTRIBUTED WITHIN THE SITE IN ACCORDANCE WITH LOAMING AND SEEDING NOTES BELOW.
  - ALL LOAM USED AS PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH, CONSTRUCTION DEBRIS, OR OTHER OBJECTIONABLE MATERIAL. NEW PLANTING BEDS SHALL BE AMENDED WITH WELL-AGED COMPOST.
    - COMPOST SHALL BE A WELL DECOMPOSED, STABLE, WEED FREE ORGANIC MATTER SOURCE. IT SHALL BE DERIVED FROM AGRICULTURAL FOOD, AND/OR YARD TRIMMINGS. THE PRODUCT SHALL CONTAIN NO SUBSTANCES TOXIC TO PLANTS AND SHALL BE REASONABLY FREE (LESS THAN 1 PERCENT BY DRY WEIGHT) OF MAN-MADE FOREIGN MATTER.

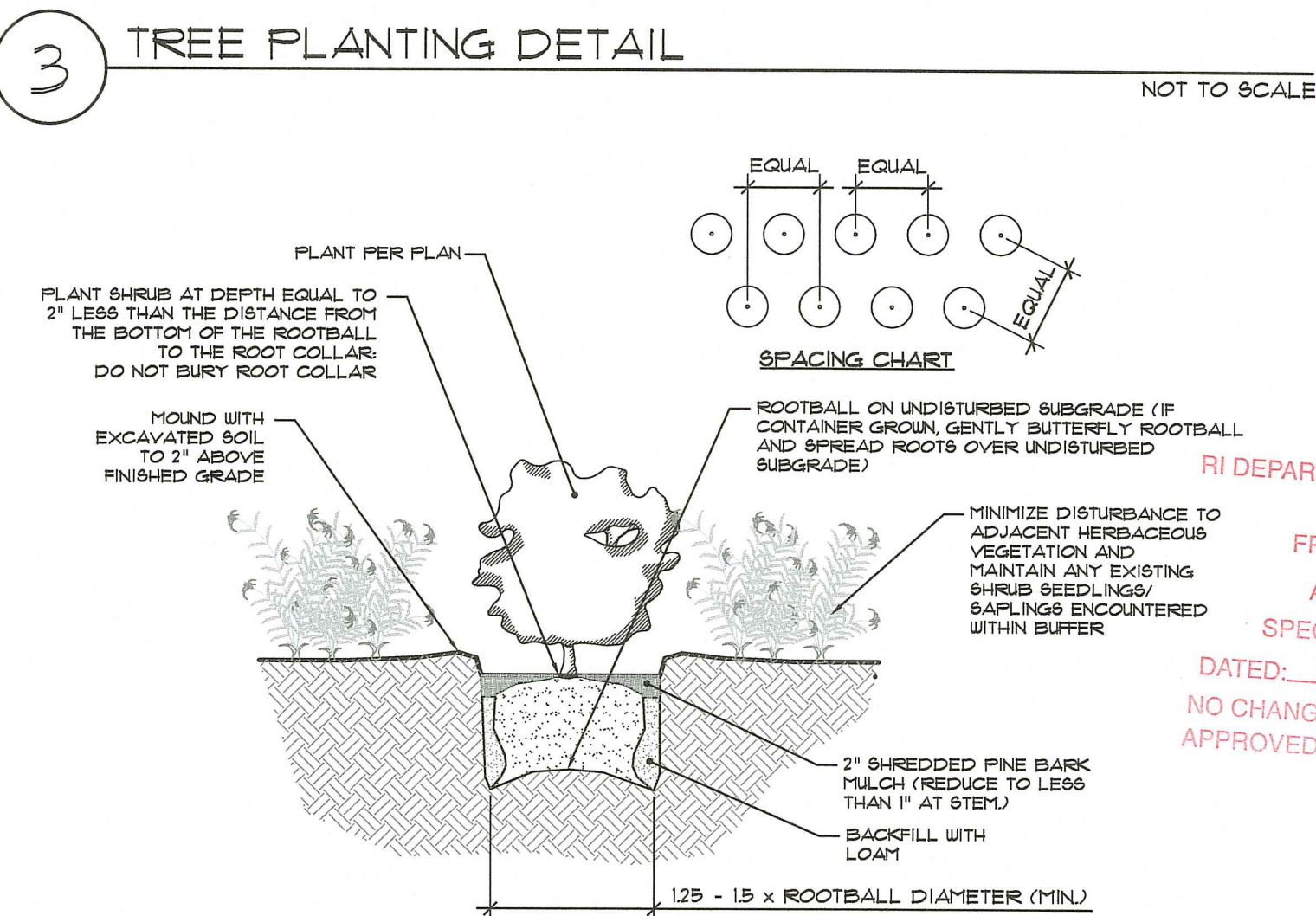
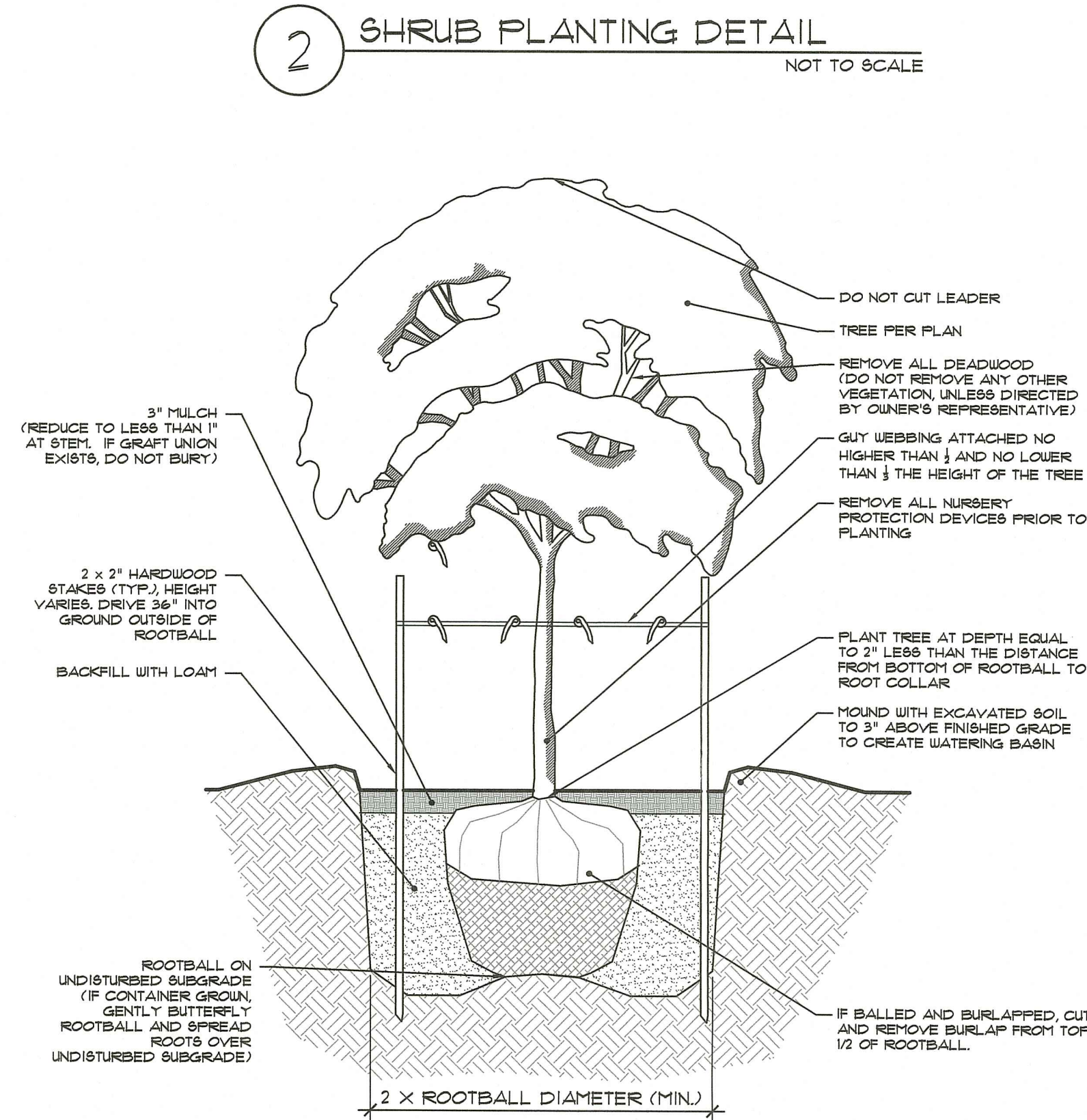
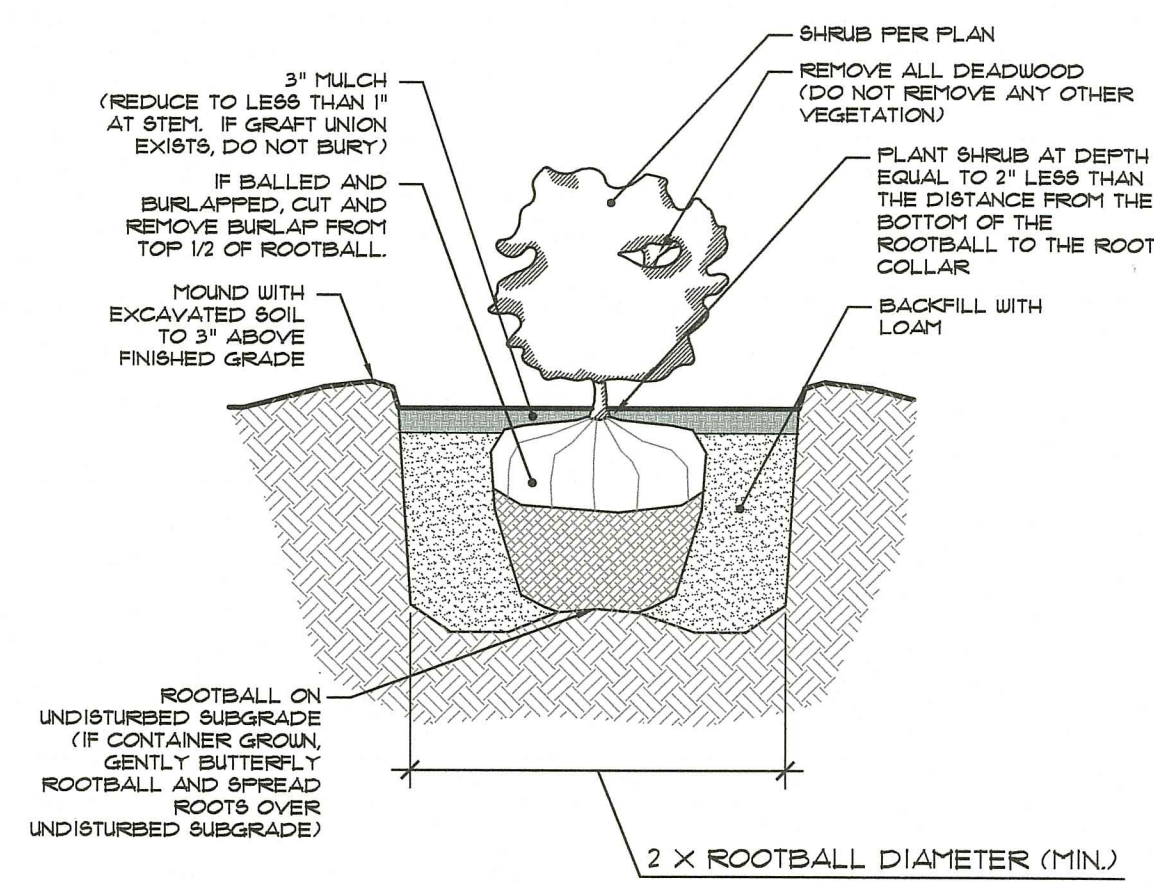
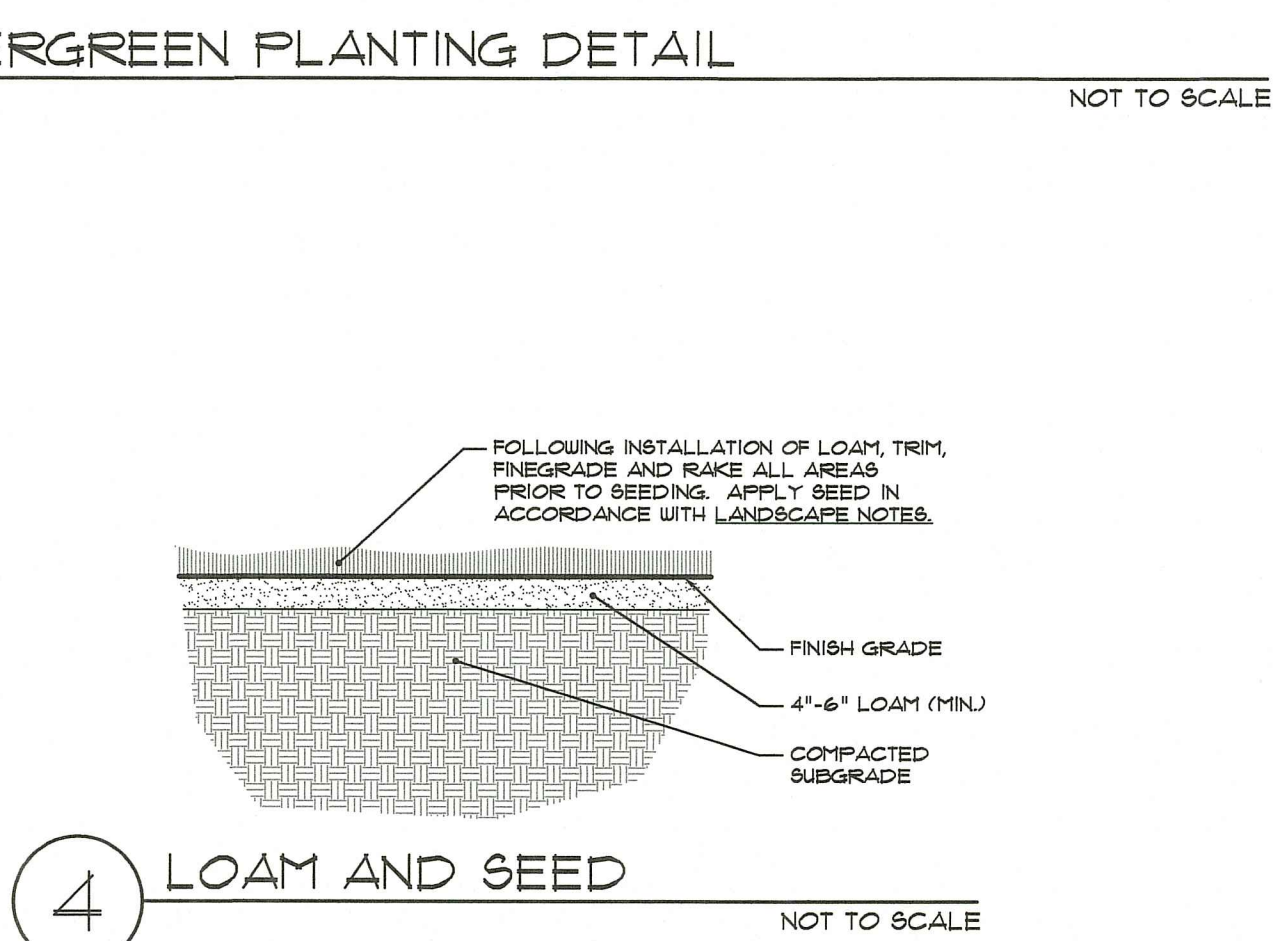
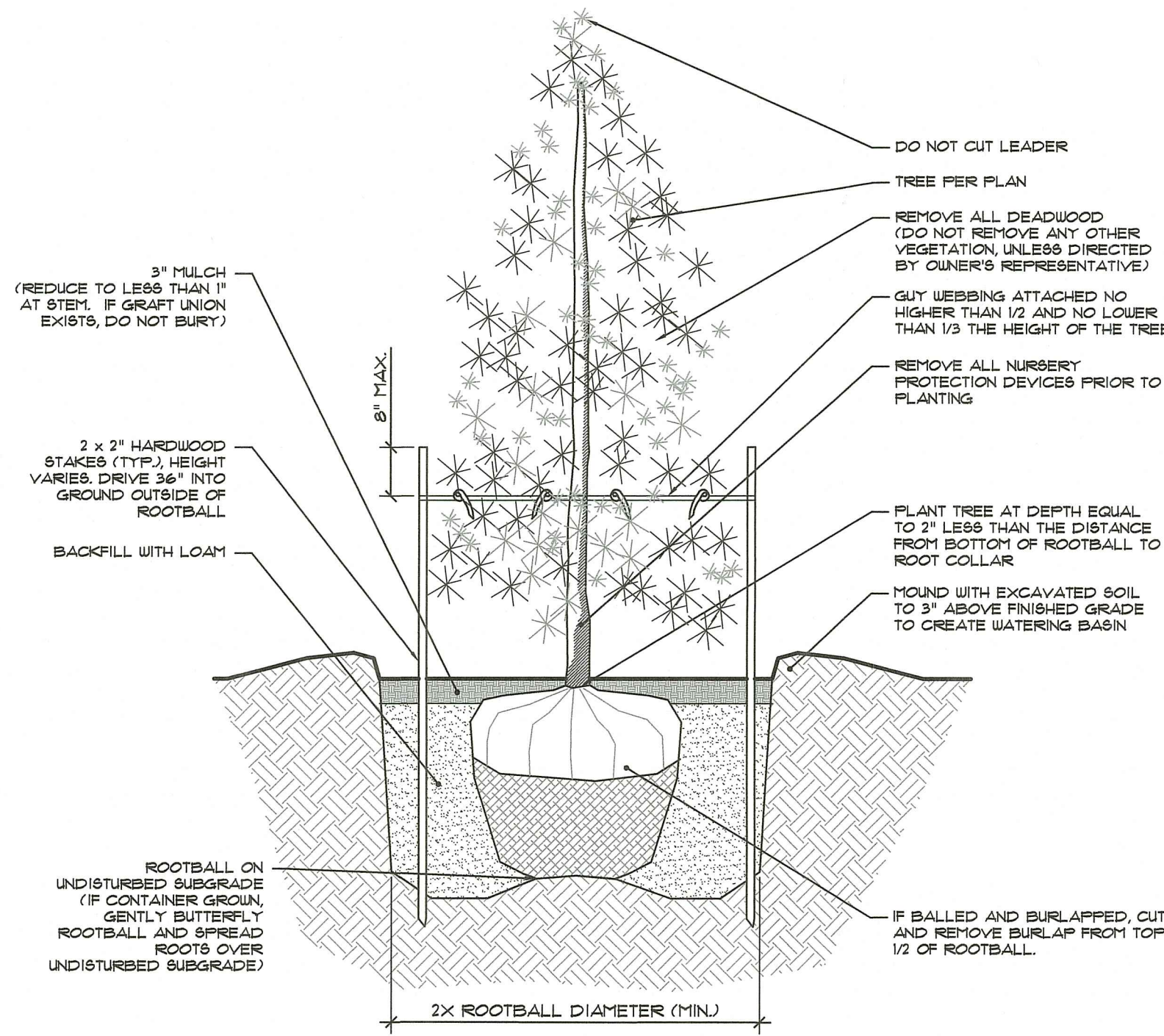
### LOAM & SEED AREAS MAINTENANCE:

- GRASS CLIPPINGS FROM LAWN CARE PROCEDURES PERFORMED IN AND AROUND THE STORMWATER FACILITIES MUST BE COLLECTED AND DISPOSED OF OFF SITE.
- MOWING (STORMWATER FACILITIES):** TO BE AS OUTLINED IN ENGINEER'S OPERATIONS AND MAINTENANCE MANUAL.
- MOWING (POLLINATOR MEADOW AREAS):** POLLINATOR MEADOW GRASSES AREAS TO BE MOWED ONCE ANNUALLY IN LATE FALL AFTER FIRST FROST OR BEFORE PLANT GROWTH BEGINS IN LATE WINTER OR EARLY SPRING. ADDITIONAL MOWINGS ARE DISCOURAGED UNLESS WHEN NEEDED FOR MAINTENANCE SUCH AS REMOVAL OF SEDIMENT BUILDUP REPAIR OF EROSION, ETC., OR TO MAINTAIN SOLAR COLLECTION ABILITIES OF THE PROPOSED ARRAY.
- FERTILIZER AND WATERING DEMANDS SHALL HAVE PROFESSIONAL OVERSIGHT AND BOTH USES SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICAL.

### GENERAL NOTES:

- SEE ENGINEER'S PLANS FOR ALL SITE LAYOUT, GRADING, DRAINAGE, AND UTILITY DESIGNS (SEE REFERENCES).
- SEE ADDENDUM 2 TO NRS NARRATIVE PREPARED FOR THE NORTH SMITHFIELD PLANNING BOARD'S REVIEW OF DOUGLAS PIKE SOLAR, DATED 2/19/24 FOR FOREST FRINGE GRADATION PLANTINGS (SEE SHEET L-1 AND REFERENCES) FOR HABITAT RESTORATION AREAS IN SUPPORT OF IDENTIFIED NATURAL HERITAGE SPECIES OF WILDLIFE. THESE AREAS SHALL BE MAINTAINED AS OUTLINED IN SAID ADDENDUM (SEE REFERENCES).
- THIS PLAN SET IS INTENDED TO MEET THE SITE PLAN SUBMISSION REQUIREMENTS OUTLINED IN THE MUNICIPALITY'S ZONING ORDINANCE FOR LANDSCAPE PLANTINGS AND STANDARDS ONLY. FOR ALL OTHER PLAN CONTENTS PERTAINING TO THE PROJECT ENGINEERING COMPONENTS, LAYOUT, AND SURVEY/EXISTING CONDITIONS INFORMATION, PLEASE SEE ENGINEER'S PLANS (SEE REFERENCES).
- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE RHODE ISLAND STANDARD SPECIFICATIONS, AS AMENDED.
- CONTRACTOR SHALL VERIFY ACTUAL AS-BUILT ON-SITE CONDITIONS PRIOR TO COMMENCING CONSTRUCTION PROCEDURES.
- FINAL ALIGNMENT OF ALL PLANTINGS TO BE MODIFIED AS NEEDED TO AVOID CONFLICTS WITH AS-BUILT PROJECT ELEMENTS, DRAINAGE & UTILITY LAYOUT, AND FIELD ADJUSTED TO MINIMIZE ANY CONFLICTS WITH EXISTING WOODED BUFFER VEGETATION TO REMAIN.
- UTILITIES ARE PLOTTED FROM BEST AVAILABLE INFORMATION AND SITE OBSERVATIONS. CONTRACTOR SHALL VERIFY UTILITY LOCATIONS BY CONTRACTING DIG SAFE (888-DIG-SAFE (344-7233) OR DJAI 811), IN ACCORDANCE WITH THE LAWS OF THE STATE OF RI. CONTRACTOR SHALL PROTECT EXISTING UTILITIES DURING CONSTRUCTION. DAMAGE TO ANY ABOVE OR BELOW-GROUND UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OR HER OWN EXPENSE.
- STOCKPILING: CONTRACTOR SHALL COORDINATE WITH OWNER FOR STOCKPILE LOCATIONS, CONSTRUCTION STAGING AREAS, AND SITE ACCESS. ALL STOCKPILE LOCATIONS SHALL BE PROTECTED FROM EROSION AND MIGRATION OF SEDIMENTS BY APPROPRIATE SILTATION AND SEDIMENTATION CONTROL DEVICES, SUCH AS COMPOST SILT SOCK OR APPROVED EQUAL.
- CONTRACTOR SHALL COORDINATE WITH OWNER FOR STOCKPILE LOCATIONS, CONSTRUCTION STAGING AREAS, AND SITE ACCESS.
- ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE AND NOT REMOVED FROM THE PROJECT SITE.
- ALL EXCESS SOILS, BOULDERS, STUMPS AND OTHER MATERIALS SHALL BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER TO ALL STATE, AND MUNICIPAL REGULATIONS. ALL MATERIALS THAT ARE REMOVED AND DISPOSED SHALL BE DONE SO IN A LEGAL MANNER.
- CONTRACTOR TO PERFORM DAILY HOUSEKEEPING ON-SITE. CONTRACTOR SHALL SWEEP DAILY ANY TRACKING ONTO EXISTING PAVED AREAS TO PREVENT MIGRATION OF SEDIMENTS TO OFF-SITE LOCATIONS.
- CONTRACTOR SHALL MAINTAIN APPROPRIATE SEDIMENTATION CONTROLS UNTIL SUITABLE STABILIZATION OF ALL DISTURBED AREAS HAS BEEN OBTAINED.
- INSPECT ALL DRAINAGE AND RUNOFF FLOW DURING STORM EVENTS AND PERIODS OF RAINFALL THROUGHOUT CONSTRUCTION.
- REMOVE FROM SITE AND PROPERLY DISPOSE OF ALL SILTATION AND EROSION CONTROL DEVICES FOLLOWING STABILIZATION OF PROJECT SITE.
- HERBICIDE, FUNGICIDE, AND PESTICIDE USE:** USE OF PESTICIDES, FUNGICIDES, AND HERBICIDES ARE PROHIBITED ON SITE WITHOUT EXPRESS AUTHORIZATION BY LOCAL ENVIRONMENTAL REGULATORY AGENCIES, SHOULD THEY BE REQUIRED AND/OR DIRECTED BY SUCH AGENCY(IES) FOR THE PUBLIC GOOD TO CONTROL DAMAGING, INVASIVE SPECIES OF FLORA AND/OR FAUNA.

- THOROUGHLY WATER ALL PLANTS WHEN 2/3 OF BACKFILL HAS BEEN PLACED TO ENSURE ALL AIR POCKETS ARE REMOVED. FIRMLY TAMP SOIL AROUND PLANT. ENSURE PROPER WATERING OF PLANT MATERIAL UNTIL ESTABLISHMENT.
- PRUNING: PRUNE ALL PLANT MATERIAL TO REMOVE ANY AND ALL DEADWOOD. ALL PLANTING MATERIAL SHALL BE PRUNED IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND IN SUCH A MANNER AS TO MAINTAIN THE NATURAL FORM OF THE PLANT. PRUNING SHALL BE COMPLETED UTILIZING ONLY CLEAN SHARP TOOLS. USE OF AXES FOR PRUNING IS UNACCEPTABLE.
- FERTILIZER: UTILIZE ONLY SLOW AND/OR CONTROLLED RELEASE FERTILIZER, APPLIED AT THE MINIMUM APPLICATION RATES NEEDED TO ESTABLISH NEW VEGETATIVE GROWTH. APPLICATION RATES SHALL BE IN STRICT ACCORDANCE WITH FERTILIZER MANUFACTURER'S SPECIFICATIONS, ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND WITH ANY SECURED ENVIRONMENTAL PERMITTING.
- MULCH: ALL PLANTINGS SHALL BE MULCHED AS INDICATED ON DRAWINGS. PLANTINGS INSTALLED IN CLUSTERS, OR WITHIN PLANTING BEDS SHALL BE MULCHED AS SUCH, INSTALLING MULCH THROUGHOUT THE ENTIRE PLANTING BED. MULCH TO BE 3"-4", OR AS OTHERWISE NOTED, IN DEPTH AND REDUCED TO LESS THAN 1" AT ROOT FLARE OF EACH PLANT.
  - MULCH SHALL BE WELL-AGED, SHREDDED BARK MULCH, NATURAL DARK BROWN IN COLOR AND NON-DYED.
- LOAM AND SEED:**
  - LOAM AND SEED ALL DISTURBED AREAS, IN ACCORDANCE WITH THE PROJECT SOIL EROSION AND SEDIMENTATION CONTROL PLAN AND AS OUTLINED IN THE PROJECT STORMWATER OPERATION AND MAINTENANCE PLAN PREPARED BY THE PROJECT ENGINEER (SEE REFERENCES). ALL NEW LAWN AREAS SUBJECT TO EROSION SHALL BE STABILIZED UTILIZING JUTE MESH OR APPROVED EQUAL.
  - LOAM UTILIZED OR RETAINED FOR LAWN AREAS SHALL BE SANDY LOAM, 4"-6" IN DEPTH, AND CONFORMING TO THE REQUIREMENTS OF THE USDA FOR LAWN PLANTINGS. ON-SITE NATIVE LOAM MAY BE UTILIZED FOR LAWN AREAS, BUT SHALL BE AMENDED AND RAKED AS NECESSARY TO CONFORM TO THE REQUIREMENTS OF ANY OFF-SITE LOAM.
  - SEED MIX:**
    - UNLESS OTHERWISE SPECIFIED, SEED MIX UTILIZED SHALL BE SIMILAR TO 'LOW-GROWING WILDFLOWER AND GRASS MIX', AS SUPPLIED BY ERNST SEEDS, OR APPROVED EQUAL:
      - 66.9% Festuca ovina, Variety Not Stated (Sheep Fescue, Variety Not Stated)
      - 17.0% Lolium multiflorum (Annual Ryegrass)
      - 6.0% Linum perenne (Perennial Blue Flax)
      - 2.5% Chrysanthemum maximum (Shasta Daisy)
      - 2.0% Coreopsis lanceolata (Lanceleaf Coreopsis)
      - 2.0% Rudbeckia hirta (Blackeyed Susan)
      - 1.0% Chamaecrista fasciculata, PA Ecotype (Partridge Pea, PA Ecotype)
      - 1.0% Papaver rhoeas, Red (Corn Poppy, Red)
      - 0.4% Achillea millefolium (Common Yarrow)
      - 0.4% Asclepias tuberosa (Butterfly Milkweed)
      - 0.3% Aster oblongifolius, PA Ecotype (Aromatic Aster, PA Ecotype)
      - 0.2% Pycnanthemum tenuifolium (Narrowleaf Mountainmint)
      - 0.1% Penstemon canescens (Eastern Gray Beardtongue)
      - 0.1% Penstemon hirsutus (Hairy Beardtongue)
    - SEEDING RATE FOR THIS MIX SHALL BE 20-40LB PER ACRE
  - SEED MIX IN DESIGNATED STORMWATER FACILITIES, BASINS, ETC., SHALL BE AS NOTED ON ENGINEER'S PLANS AND OPERATIONS AND MAINTENANCE MANUAL.
  - IF INSTALLING SEED UTILIZING HYDROSEEDER DEVICE, PROVIDE FIBER MULCH AND STARTER FERTILIZER MIX. IF BROADCAST SEEDING, APPLY STARTER FERTILIZER PRIOR TO SEEDING AND TOPDRESS WITH 2" STRAW MULCH FOLLOWING SPREADING OF SEED.
  - ALL FERTILIZER SHOULD BE APPLIED IN THE MINIMUM RECOMMENDED APPLICATION RATE TO ENSURE GERMINATION AND ESTABLISHMENT OF SEEDING. APPLICATION RATES SHALL BE IN STRICT ACCORDANCE WITH FERTILIZER MANUFACTURER'S SPECIFICATIONS, ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND WITH ANY SECURED ENVIRONMENTAL PERMITTING.



**BUFFER REVEGETATION NOTES:**

- CONTRACTOR TO MINIMIZE DISTURBANCE TO SOIL IN REVEGETATION AREA DURING PLANTING PROCEDURES, OTHER THAN REMOVAL OF MAN-MADE GARBAGE AND DEBRIS IMMEDIATELY ADJACENT TO PLANTING LOCATIONS.
- CONTRACTOR SHALL SEED ALL DISTURBED AREAS WITHIN THE BUFFER REVEGETATION AREA WITH 'LOW-GROWING WILDFLOWER AND GRASS MIX', IN ACCORDANCE WITH LANDSCAPE NOTES.

### REVISION HISTORY:

DATE	REVISION
2/5/25	RIDEM Response to Comments #2, Revised Parking, and Abutter Comments

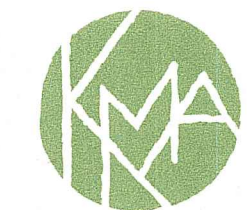
### REFERENCES:

- Plan Set Entitled: "RIDEM Submission Douglas Solar Located on Mattity Road, North Smithfield, Rhode Island", Sheets 1-13 of 13; Prepared for: Anthony DeVicario; Prepared by: DiPrete Engineering; Dated: 12/13/23, with revisions through 2/5/25
- Report Entitled: "Addendum 2 to NRS Narrative Prepared for the North Smithfield Planning Board's Review of Douglas Pike Solar"; Prepared For: Anthony DeVicario; Prepared By: Scott P. Rabideau, PWS, Principal, Natural Resource Services, Inc.; Dated February 19, 2024

## Douglas Solar

A.P. 10, Lot 218  
Mattity Road  
North Smithfield, RI

Owner/Applicant:  
Anthony DeVicario  
43 Creston Way  
Warwick, RI 02886



**Kevin M. Alverson**  
LANDSCAPE ARCHITECTURE  
360 Annaquatucket Road 401-338-0044  
Wickford, RI 02852 KevinMAlversonLA.com



LANDSCAPE PLANTING ONLY

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: APR 15 2025 FILE #: 23-0263  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

MAR 03 2025  
Office of Water Resources

## Landscape Notes and Details

Project #: 2.261.420	-Sheet 4 of 4-
Scale: As Shown	<b>L-4</b>
Drawn By: KMA	
Checked By: KMA	
Date: April 11, 2024	

# Plan Set

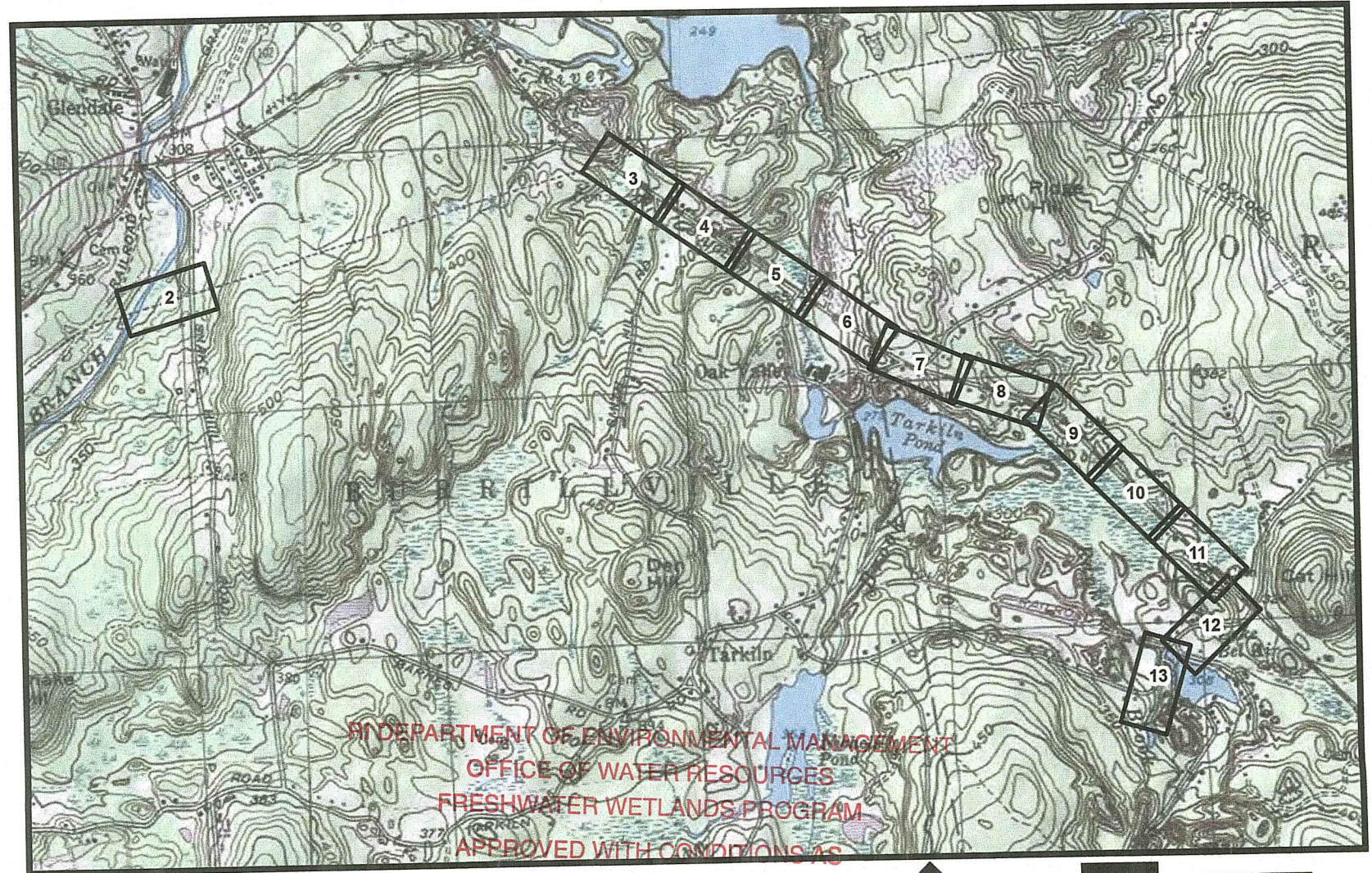
Issued for: RIDEM Application No. 23-0263  
Date Issued: 9/13/2024

## Sheet Index

Number	Drawing Title	Latest Issue
2	Notes	9/13/2024
3-14	Site Access and Best Management Practice Plans	9/13/2024
15-16	Detail Sheet	9/13/2024

# The Narragansett Electric Company Douglas Pike Solar Interconnection Project - Feeder Upgrade (127W40/43)

Burrillville and North Smithfield, Rhode Island



Site Location Map

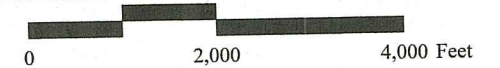
**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**vhb** OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM

**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

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: APR 15 2025 FILE #: 23-0263  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

*Nancy L. Freeman*



NOV 13 2024

Volume II  
#23-0263  
(Sheets 1-16)

DEM Copy



**EXISTING CONDITIONS INFORMATION:  
REFERENCES:**

1. WETLAND DELINEATION WAS PERFORMED BY VHB, PROVIDENCE OFFICE. STRUCTURE AND FLAG LOCATIONS WERE LOCATED BY A GLOBAL POSITIONING SYSTEM (GPS) FIELD SURVEY CONDUCTED BY VHB June, 2024. THIS SURVEY CONFORMS TO A CLASS IV STANDARD AS DEFINED IN THE PROCEDURAL AND TECHNICAL STANDARDS FOR PERFORMING LAND SURVEYING IN THE STATE OF RHODE ISLAND.

**EROSION AND SEDIMENT CONTROL NOTES:**

1. PRIOR TO STARTING ANY SITE WORK, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
2. A SOIL EROSION AND SEDIMENTATION CONTROL PLAN HAS BEEN DESIGNED TO PROTECT ON-SITE WETLANDS AND WATERCOURSES AND OFF-SITE AREAS DURING AND AFTER CONSTRUCTION.
3. IN AREAS WHERE HIGH RUNOFF VELOCITIES OR HIGH SEDIMENT LOADS ARE EXPECTED, TWO LINES OF COMPOST FILTER SOCK (CFS) WILL BE INSTALLED BACK TO BACK.
4. TYPICAL CRUSHED-STONE CONSTRUCTION ENTRANCE/EXITS WILL BE CONSTRUCTED AT EACH STREET ACCESS POINT WITHIN THE PROJECT AREA.
5. ONCE WORK IS COMPLETE, FINAL SURFACE TREATMENT CONSISTING OF STRAW OR CELLULOSE MULCH WILL BE APPLIED TO STABILIZE THE DISTURBED AREAS. ANY SOIL DISTURBANCE ASSOCIATED WITH EQUIPMENT ACCESS TO STRUCTURES OR STRUCTURE EXCAVATIONS SHOULD BE MULCHED WITH STRAW ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED.
6. ALL STORMWATER CONTROL MEASURES, DISTURBED AREAS, AREAS USED FOR THE STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION (INCLUDING UNSTABILIZED SOIL STOCKPILES), DISCHARGE LOCATIONS AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AS OUTLINED IN PART IV OF THIS PERMIT, MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE APPLICANT AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF. SUCH AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE WATERS OF THE STATE OR A SEPARATE STORM SEWER SYSTEM. ALL BMPs SHALL BE MAINTAINED TO PREVENT UNCONTROLLED RELEASES OF MEASURABLE AMOUNTS OF SEDIMENT OR SEDIMENT LADEN WATER FROM TRAVELING BEYOND THE LIMITS OF DISTURBANCE.
7. SEDIMENT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6 INCHES DEEP OR AS NEEDED.
8. DAMAGED OR DETERIORATED EROSION/SEDIMENTATION CONTROL ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.
9. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. ONCE THE SITE IS STABILIZED, THE STRAW BALES WILL BE REMOVED OR BROKEN UP AND SPREAD AS MULCH. ALL OTHER CONTROLS SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.
10. IN THE EVENT OF A FUEL SPILL OR EQUIPMENT MALFUNCTION RESULTING IN A RELEASE OF HAZARDOUS MATERIAL, ALL WORK WILL BE STOPPED IN THIS AREA UNTIL THE RELEASE/SPILL IS CLEANED UP.
11. EQUIPMENT USED FOR CONSTRUCTION WILL BE PROPERLY MAINTAINED AND OPERATED TO REDUCE THE CHANCES OF SPILL OCCURRENCES OF PETROLEUM PRODUCTS. REFUELING OF EQUIPMENT WILL BE REQUIRED TO CARRY SPILL CONTAINMENT AND PREVENTION DEVICES (I.E., ABSORBENT PADS, CLEAN UP RAGS, FIVE GALLON CONTAINERS, ABSORBENT MATERIAL, ETC.) AT ALL TIMES. IN ADDITION, MAINTENANCE EQUIPMENT AND REPLACEMENT PARTS FOR CONSTRUCTION EQUIPMENT WILL BE ON HAND TO REPAIR FAILURES AND STOP A SPILL IN THE EVENT OF EQUIPMENT MALFUNCTION.
12. ANY HAZARDOUS WASTE SPILLS SHALL BE CLEANED UP IMMEDIATELY, AND IF THE SPILL AMOUNT IS EQUAL TO OR EXCEEDS THE EPA REPORTABLE QUANTITY (RQ) FOR THAT SUBSTANCE IN ACCORDANCE WITH 40 CFR PARTS 1010, 117, OR 302, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR SUBMITTING IN WRITING A DESCRIPTION OF THE RELEASE TO THE EPA REGIONAL OFFICE AND RIDEM PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND THE STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE. DIRECTIONS FOR CLEANING UP SPILLS SHALL BE CLEARLY POSTED AT A DESIGNATED ON-SITE LOCATION, AND CONSTRUCTION PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND LOCATION OF CLEANUP SUPPLIES. PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE GEAR AND HAVE PROPER TRAINING TO PREVENT INJURY FROM CONTACT WITH ANY HAZARDOUS SUBSTANCES.
13. NO GRADE CHANGES ARE PROPOSED.

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**  
**APPROVED WITH CONDITIONS AS**  
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*Nancy L. Freeman*

NOV 13 2024

Office of Water Resources

**Douglas Pike Solar Interconnection Project  
Feeder Upgrade (127W40/43)**

Notes

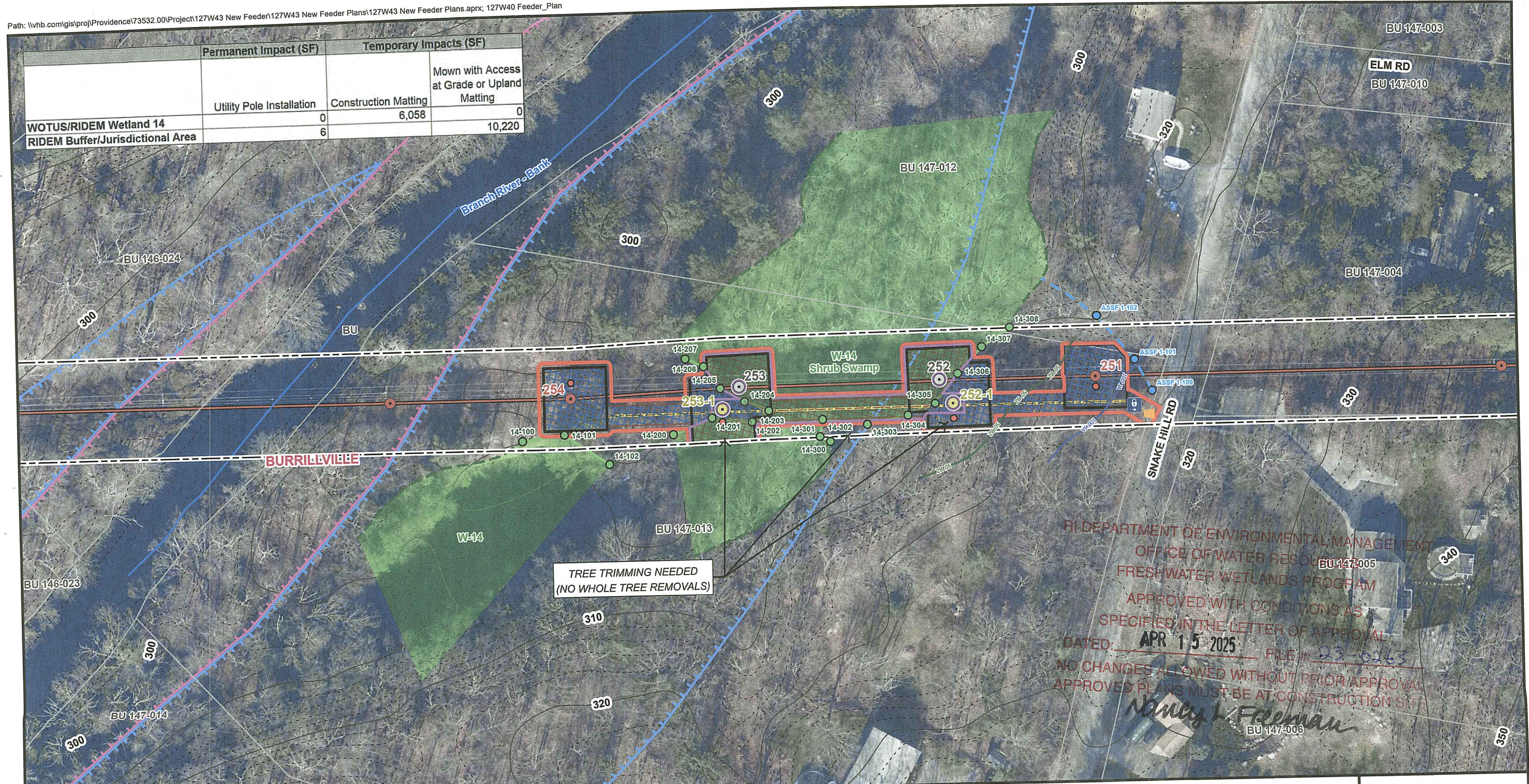
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Source: RIGIS, VHB

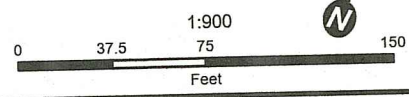
Date: 9/13/2024



	Permanent Impact (SF)		Temporary Impacts (SF)	
	Utility Pole Installation		Construction Matting	Mown with Access at Grade or Upland Matting
WOTUS/RIDEM Wetland 14	0		6,058	0
RIDEM Buffer/Jurisdictional Area	6			10,220



- Structure to be Replaced
- Existing Structure
- Proposed Structure
- Anchor to be Installed/ Replaced
- Existing Feeder Line
- Proposed Overhead Line
- Approximate Cleared ROW
- Access Route
- Work Pad
- Culvert
- ASSF Flags
- Wetland Flag
- ASSF Centerline
- Approximate River/Stream
- Delineated Wetland Edge
- Approximate Wetland Edge
- Jurisdictional Area
- Buffer Zone
- Wetland Area
- Access Gate
- Stabilized Construction Exit
- Trees to be Removed
- Erosion Control
- Contour Lines 2 Foot
- Contour Lines 10 Foot
- Mown with Access at Grade or Upland Matting
- Temporary Wetland Matting
- Limit of Disturbance
- Permit Area
- FEMA 100-Year Floodplain
- FEMA Floodway
- Parcel Boundary
- Town Boundary



**Douglas Pike Solar Interconnection Project**  
**Feeder Upgrade (127W40/43)**

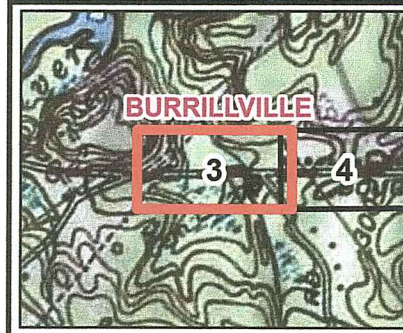
NOV 13 2024  
 Environmental Permitting Plan Set  
 Burrillville, RI

Source: RIGIS, RI Energy, VHB





RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLAND PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL DATED APR 15 2025 FILE # 23-0263  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
 Nancy A. Freeman



<ul style="list-style-type: none"> <li>Structure to be Replaced</li> <li>Existing Structure</li> <li>Proposed Structure</li> <li>Anchor to be Installed/ Replaced</li> <li>Existing Feeder Line</li> <li>Proposed Overhead Line</li> <li>Approximate Cleared ROW</li> <li>Access Route</li> <li>Work Pad</li> </ul>	<ul style="list-style-type: none"> <li>Culvert</li> <li>ASSF Flags</li> <li>Wetland Flag</li> <li>ASSF Centerline</li> <li>Approximate River/Stream</li> <li>Delineated Wetland Edge</li> <li>Approximate Wetland Edge</li> <li>Jurisdictional Area</li> <li>Buffer Zone</li> <li>Wetland Area</li> </ul>	<ul style="list-style-type: none"> <li>Access Gate</li> <li>Stabilized Construction Exit</li> <li>Trees to be Removed</li> <li>Erosion Control</li> <li>Contour Lines 2 Foot</li> <li>Contour Lines 10 Foot</li> <li>Mown with Access at Grade or Upland Matting</li> <li>Temporary Wetland Matting</li> </ul>	<ul style="list-style-type: none"> <li>Limit of Disturbance</li> <li>Permit Area</li> <li>FEMA 100-Year Floodplain</li> <li>FEMA Floodway</li> <li>Parcel Boundary</li> <li>Town Boundary</li> </ul>
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**Douglas Pike Solar Interconnection Project  
 Feeder Upgrade (127W40/43)**

RI Dept. of Environmental Management  
 Environmental Permitting Plan Set  
 Burrillville, RI

NOV 13 2024

Page 4

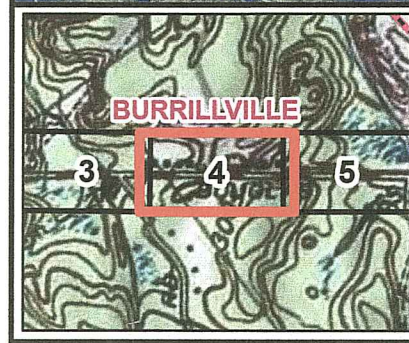
Source: RIGIS, RI Energy, VHB

Rhode Island Energy  
 a PPL company

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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 BU 149-025  
 APPROVED WITH CONDITIONS AS  
 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: APR 15 2025 FILE #: 23-0263  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Nancy L. Freeman*



<ul style="list-style-type: none"> <li>Structure to be Replaced</li> <li>Existing Structure</li> <li>Proposed Structure</li> <li>Anchor to be Installed/ Replaced</li> <li>Existing Feeder Line</li> <li>Proposed Overhead Line</li> <li>Approximate Cleared ROW</li> <li>Access Route</li> <li>Work Pad</li> </ul>	<ul style="list-style-type: none"> <li>Culvert</li> <li>ASSF Flags</li> <li>Wetland Flag</li> <li>ASSF Centerline</li> <li>Approximate River/Stream</li> <li>Delineated Wetland Edge</li> <li>Approximate Wetland Edge</li> <li>Jurisdictional Area</li> <li>Buffer Zone</li> <li>Wetland Area</li> </ul>	<ul style="list-style-type: none"> <li>Access Gate</li> <li>Stabilized Construction Exit</li> <li>Trees to be Removed</li> <li>Erosion Control</li> <li>Contour Lines 2 Foot</li> <li>Contour Lines 10 Foot</li> <li>Mown with Access at Grade or Upland Matting</li> <li>Temporary Wetland Matting</li> </ul>	<ul style="list-style-type: none"> <li>Limit of Disturbance</li> <li>Permit Area</li> <li>FEMA 100-Year Floodplain</li> <li>FEMA Floodway</li> <li>Parcel Boundary</li> <li>Town Boundary</li> </ul>
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**Douglas Pike Solar Interconnection Project  
 Feeder Upgrade (127W40/43)**

RI Dept. of Environmental Management  
 Environmental Permitting Plan Set  
 Burrillville, RI

NOV 13 2024

Office of Water Resources

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Source: RIGIS, RI Energy, VHB

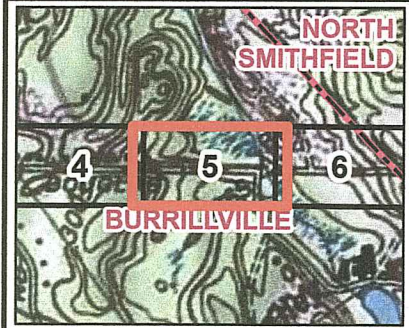
Rhode Island Energy  
 a PPL company

vhb

Date: 9/13/2024



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: APR 15 2025 FILE # 23-6265  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
 Nancy L. Freeman



<ul style="list-style-type: none"> <li>Structure to be Replaced</li> <li>Existing Structure</li> <li>Proposed Structure</li> <li>Anchor to be Installed/ Replaced</li> <li>Existing Feeder Line</li> <li>Proposed Overhead Line</li> <li>Approximate Cleared ROW</li> <li>Access Route</li> <li>Work Pad</li> </ul>	<ul style="list-style-type: none"> <li>Culvert</li> <li>ASSF Flags</li> <li>Wetland Flag</li> <li>ASSF Centerline</li> <li>Approximate River/Stream</li> <li>Delineated Wetland Edge</li> <li>Approximate Wetland Edge</li> <li>Jurisdictional Area</li> <li>Buffer Zone</li> <li>Wetland Area</li> </ul>	<ul style="list-style-type: none"> <li>Access Gate</li> <li>Stabilized Construction Exit</li> <li>Trees to be Removed</li> <li>Erosion Control</li> <li>Contour Lines 2 Foot</li> <li>Contour Lines 10 Foot</li> <li>Mown with Access at Grade or Upland Matting</li> <li>Temporary Wetland Matting</li> </ul>	<ul style="list-style-type: none"> <li>Limit of Disturbance</li> <li>Permit Area</li> <li>FEMA 100-Year Floodplain</li> <li>FEMA Floodway</li> <li>Parcel Boundary</li> <li>Town Boundary</li> </ul>
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**Douglas Pike Solar Interconnection Project  
 Feeder Upgrade (127W40/43)**

Environmental Permitting Plan Set  
 Burrillville, RI

RI Dept. of Environmental Management

NOV 13 2024 Page 6

Source: RIGIS, RI Energy, VHB  
 Office of Water Resources

Date: 9/13/2024

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**Douglas Pike Solar Interconnection Project  
Feeder Upgrade (127W40/43)**

RI Dept. of Environmental Management  
Environmental Permitting Plan Set  
Burrillville - North Smithfield, RI

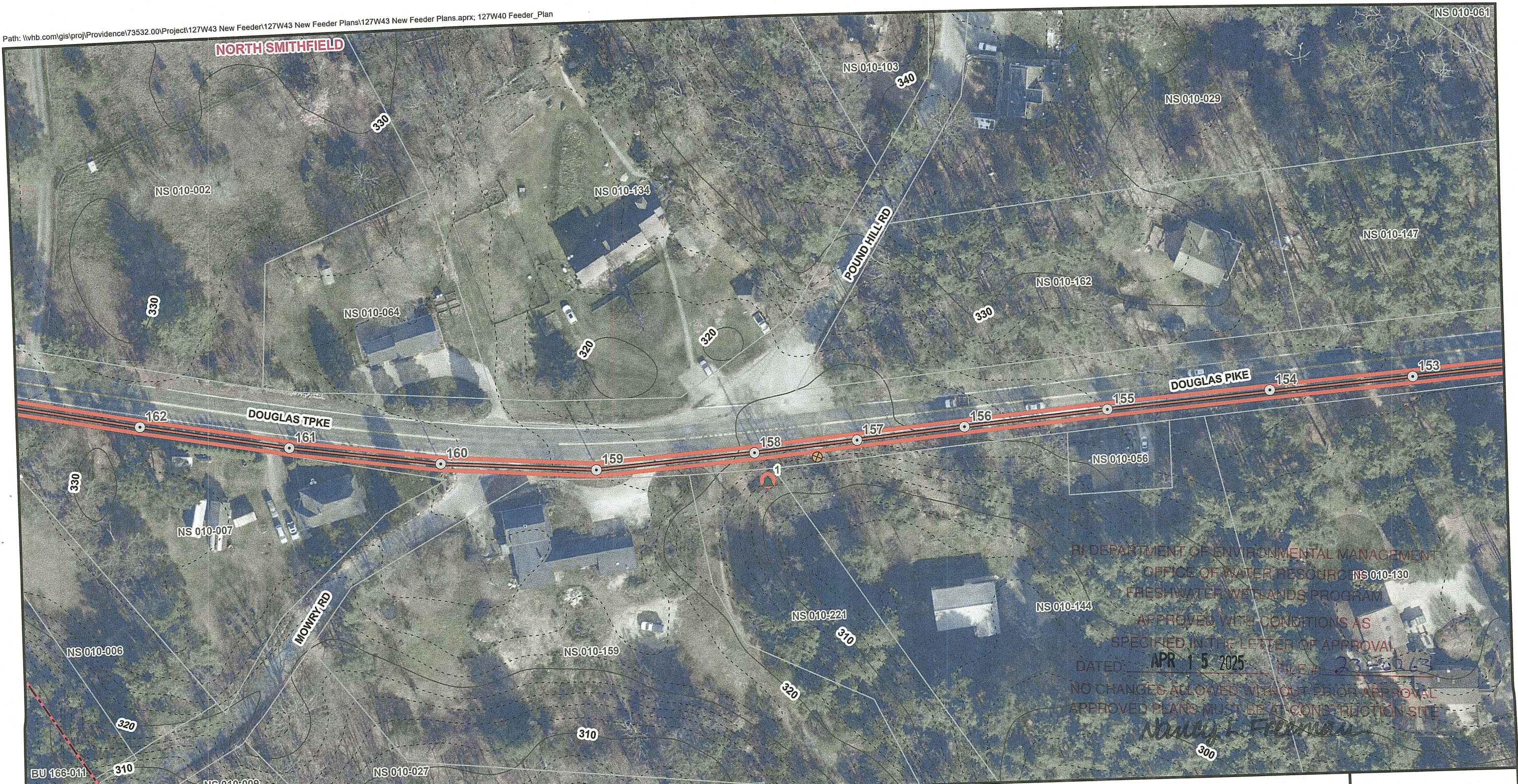
NOV 13 2024

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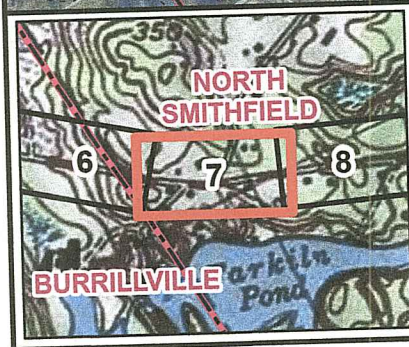
Office of Water Resources  
Source: RIGIS, RI Energy, VHB

  
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
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 DATED: APR 15 2025 FILE # 23-0063  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Nancy L. Freeman*



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|---|---|--|--|
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### Douglas Pike Solar Interconnection Project Feeder Upgrade (127W40/43)

Environmental Permitting Plan Set  
 North Smithfield, RI

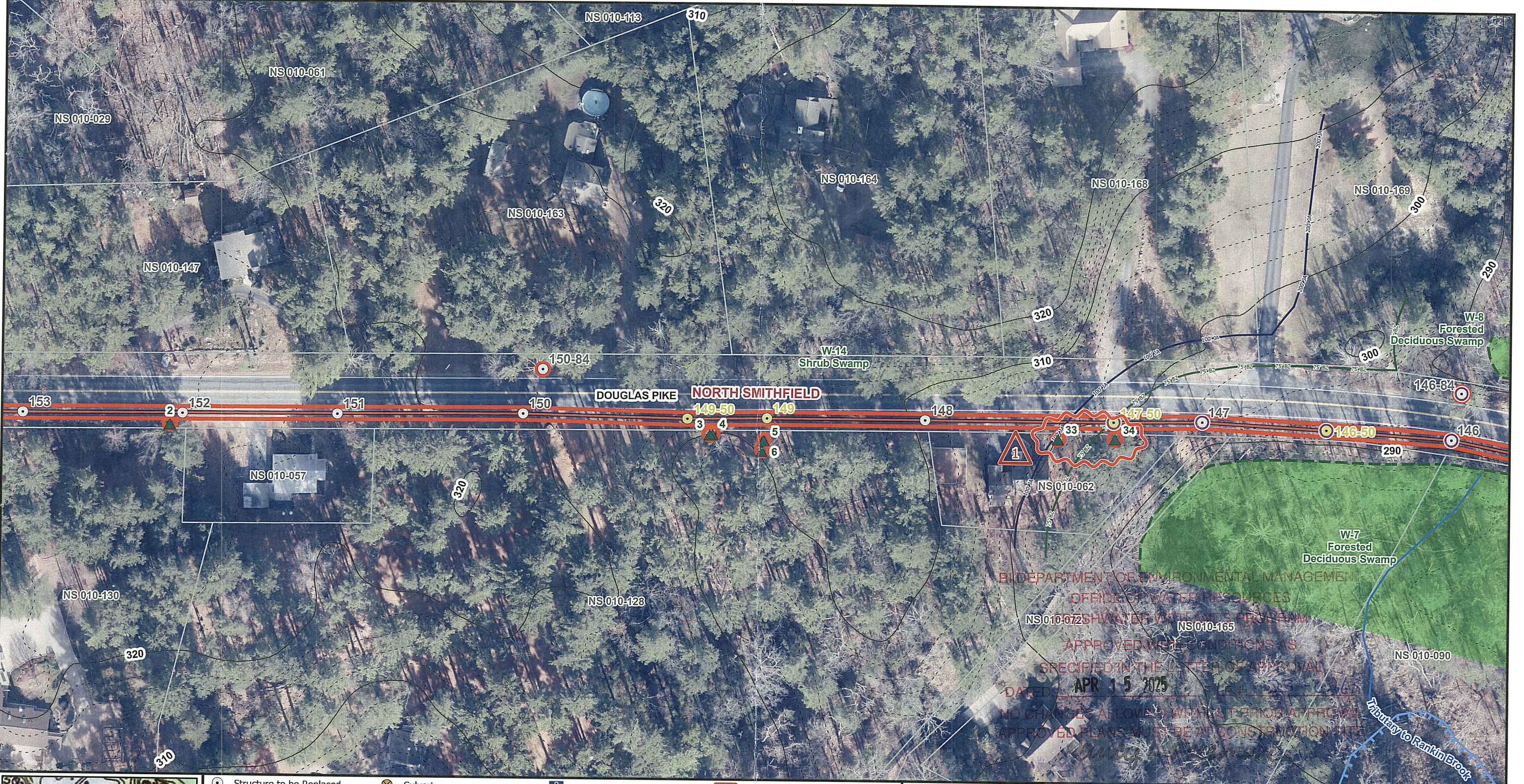
Page 8 NOV 13 2024

Date: 9/13/2024

Source: RIGIS, RI Energy, VHB

Office of Water Resources





<ul style="list-style-type: none"> <li>Structure to be Replaced</li> <li>Existing Structure</li> <li>Proposed Structure</li> <li>Anchor to be Installed/ Replaced</li> <li>Existing Feeder Line</li> <li>Proposed Overhead Line</li> <li>Approximate Cleared ROW</li> <li>Access Route</li> <li>Work Pad</li> </ul>	<ul style="list-style-type: none"> <li>Culvert</li> <li>ASSF Flags</li> <li>ASSF Centerline</li> <li>Approximate River/Stream</li> <li>Delineated Wetland Edge</li> <li>Approximate Wetland Edge</li> <li>Jurisdictional Area</li> <li>Buffer Zone</li> <li>Wetland Area</li> </ul>	<ul style="list-style-type: none"> <li>Access Gate</li> <li>Stabilized Construction Exit</li> <li>Trees to be Removed</li> <li>Erosion Control</li> <li>Contour Lines 2 Foot</li> <li>Contour Lines 10 Foot</li> <li>Mown with Access at Grade or Upland Matting</li> <li>Temporary Wetland Matting</li> </ul>	<ul style="list-style-type: none"> <li>Limit of Disturbance</li> <li>Permit Area</li> <li>FEMA 100-Year Floodplain</li> <li>FEMA Floodway</li> <li>Parcel Boundary</li> <li>Town Boundary</li> </ul>
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**Douglas Pike Solar Interconnection Project**  
**Feeder Upgrade (127W40/43)**

Environmental Permitting Plan Set  
 North Smithfield, RI

DEC 31 2024

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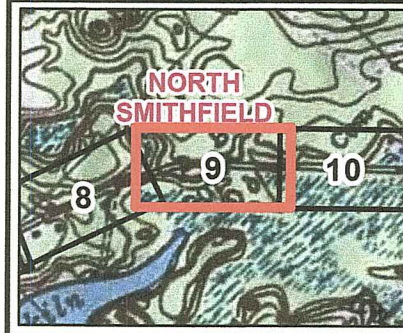
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Date: 9/13/2024

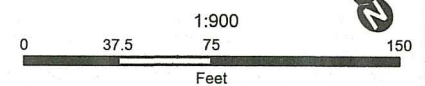
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
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 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Nancy L. Freeman*



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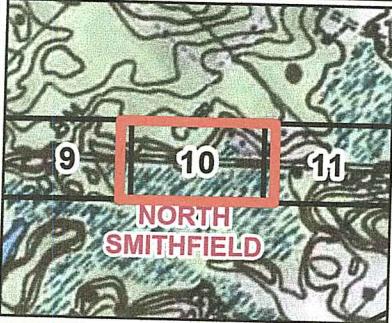
**Douglas Pike Solar Interconnection Project**  
**Feeder Upgrade (127W40/43)**  
 RI Dept. of Environmental Management  
 Environmental Permitting Plan Set  
 NOV 13 2024 North Smithfield, RI  
 Office of Water Resources Page 10  
 Source: RIGIS, RI Energy, VHB  
 Date: 9/13/2024

**Rhode Island Energy**  
 a PPL company

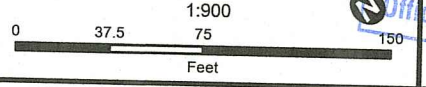
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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*Emily L. Freeman*  
 NS 010-055  
 NS 010-213



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**Douglas Pike Solar Interconnection Project**  
**Feeder Upgrade (127W40/43)**  
 Environmental Permitting Plan Set  
 North Smithfield, RI  
 Page 11  
 Date: 9/13/2024  
 Source: RIGIS, RI Energy, VHB

RI Environmental Management  
 NOV 13 2024  
 Office of Water Resources

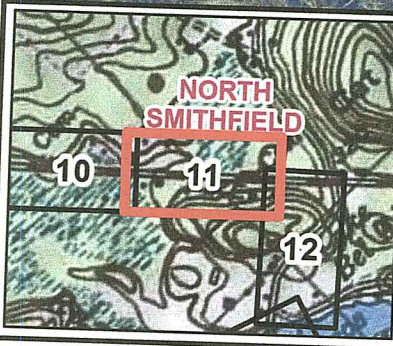
Rhode Island Energy  
 A PPL COMPANY

vhb

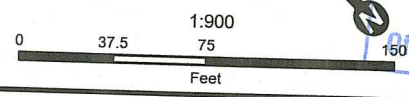
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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
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 DATED: APR 15 2025 FILE # 23-0258  
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 NS 010-241 L. Freeman



<ul style="list-style-type: none"> <li>Structure to be Replaced</li> <li>Existing Structure</li> <li>Proposed Structure</li> <li>Anchor to be Installed/ Replaced</li> <li>Existing Feeder Line</li> <li>Proposed Overhead Line</li> <li>Approximate Cleared ROW</li> <li>Access Route</li> <li>Work Pad</li> </ul>	<ul style="list-style-type: none"> <li>Culvert</li> <li>ASSF Flags</li> <li>Wetland Flag</li> <li>ASSF Centerline</li> <li>Approximate River/Stream</li> <li>Delineated Wetland Edge</li> <li>Approximate Wetland Edge</li> <li>Jurisdictional Area</li> <li>Buffer Zone</li> <li>Wetland Area</li> </ul>	<ul style="list-style-type: none"> <li>Access Gate</li> <li>Stabilized Construction Exit</li> <li>Trees to be Removed</li> <li>Erosion Control</li> <li>Contour Lines 2 Foot</li> <li>Contour Lines 10 Foot</li> <li>Mown with Access at Grade or Upland Matting</li> <li>Temporary Wetland Matting</li> </ul>	<ul style="list-style-type: none"> <li>Limit of Disturbance</li> <li>Permit Area</li> <li>FEMA 100-Year Floodplain</li> <li>FEMA Floodway</li> <li>Parcel Boundary</li> <li>Town Boundary</li> </ul>
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**Douglas Pike Solar Interconnection Project  
 Feeder Upgrade (127W40/43)**

Environmental Permitting Plan Set  
 North Smithfield, RI

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Date: 9/13/2024

NOV 13 2024  
 Office of Water Resources  
 Source: RIGIS, RI Energy, VHB

Rhode Island Energy  
 a PPL company

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**Douglas Pike Solar Interconnection Project**  
**Feeder Upgrade (127W40/43)**

RI Environmental Management  
 Environmental Permitting Plan Set  
 NOV 13 2024 North Smithfield, RI  
 Office of Water Resources

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Date: 9/13/2024

Source: RIGIS, RI Energy, VHB

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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
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 NS014-170  
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*Amber L. Freeman*



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**Douglas Pike Solar Interconnection Project  
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Environmental Permitting Plan Set  
 North Smithfield, RI

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Date: 9/13/2024

Source: RIGIS, RI Energy, VHB

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Rhode Island Energy <b>Environmental Guidance</b>		Doc. No. EG-303
Subject: Access, Maintenance and Construction Best Management Practices		Page: 7-4 Rev. No. 4
Reference: EP No. 3 - Natural Resource Protection (Chapter 6)		Date: 05/25/22

**BMP DETAIL**  
SCALE: NONE

**SECTION**  
AREA TO BE PROTECTED

**PLAN**  
AREA TO BE PROTECTED

**NOTES:**

- PRODUCT TO BE FILTERED SILT SOXX OR APPROVED EQUAL BY THE ENVIRONMENTAL DEPARTMENT.
- ALL MATERIAL TO MEET FILTERED SPECIFICATIONS.
- FILTER MEDIA SHALL MEET APPLICATION REQUIREMENTS.
- MESH CONTAMINANT MATERIAL SHOULD BE EITHER PHOTODEGRADABLE OR BIODEGRADABLE MATERIAL WITH OPENING SIZES BETWEEN 1/8" - 3/16".
- COMPOST MEDIA SHOULD HAVE PARTICLE SIZE WHERE 98% < 2", 50% > 1/2".
- COMPOST MATERIAL TO BE DISPOSED ON SITE, AS DETERMINED BY THE ENVIRONMENTAL DEPARTMENT.

**BMP PICTURE**

\*PICTURE AND DETAIL PROVIDED BY FILTRISS LAND IMPROVEMENT SYSTEMS  
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**SEC-4**  
SILT SOXX \*

File: SiltSoxx.dwg

Detail #1

Rhode Island Energy <b>Environmental Guidance</b>		Doc. No. EG-303
Subject: Access, Maintenance and Construction Best Management Practices		Page: 7-19 Rev. No. 4
Reference: EP No. 3 - Natural Resource Protection (Chapter 6)		Date: 05/25/22

**BMP DETAIL**  
SCALE: NONE

**TYPICAL PLAN VIEW**  
12' x 12' TIMBERS (TYP)

**SECTION A-A**  
TYPICAL MAT SECTION BOLTED TOGETHER

**NOTES:**

- TO BE INSTALLED IF NECESSARY TO PREVENT RUTTING, TO ACCESS STRUCTURES
- THIS DETAIL SHOWS TYPICAL DIMENSIONS. SOME CONTRACTOR'S CONSTRUCTION MATS ARE DIMENSIONALLY DIFFERENT FROM WHAT IS SHOWN HERE.
- DEPENDENT ON SITE CONDITIONS, MULTIPLE LAYERS OF CONSTRUCTION MATS MAY BE INSTALLED.

**BMP PICTURE**

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**CM-3**  
CONSTRUCTION MAT LAYOUT (WITH TRANSITION)

File: Swamp\_Mat\_Layout.dwg

Detail #2

Rhode Island Energy <b>Environmental Guidance</b>		Doc. No. EG-303
Subject: Access, Maintenance and Construction Best Management Practices		Page: 7-20 Rev. No. 4
Reference: EP No. 3 - Natural Resource Protection (Chapter 6)		Date: 05/25/22

**BMP DETAIL**  
SCALE: NONE

**SECTION**  
AREA TO BE PROTECTED

**NOTES:**

- ADD FILTER FABRIC AS NEEDED UNDER STONE TRANSITION RAMPS.
- ALL MEASUREMENTS AND LOCATIONS ARE APPROXIMATE.

**BMP PICTURE**

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**CM-4**  
CONSTRUCTION MAT LAYOUT (WITH TRANSITION AND BMPs)

File: Swamp\_Mat\_Transition and BMPs.dwg

Detail #3

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

APPROVED WITH CONDITIONS AS  
SPECIFIED IN THE LETTER OF APPROVAL  
DATED: APR 15 2025 FILE #: 23-0263  
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
Nancy L. Freeman

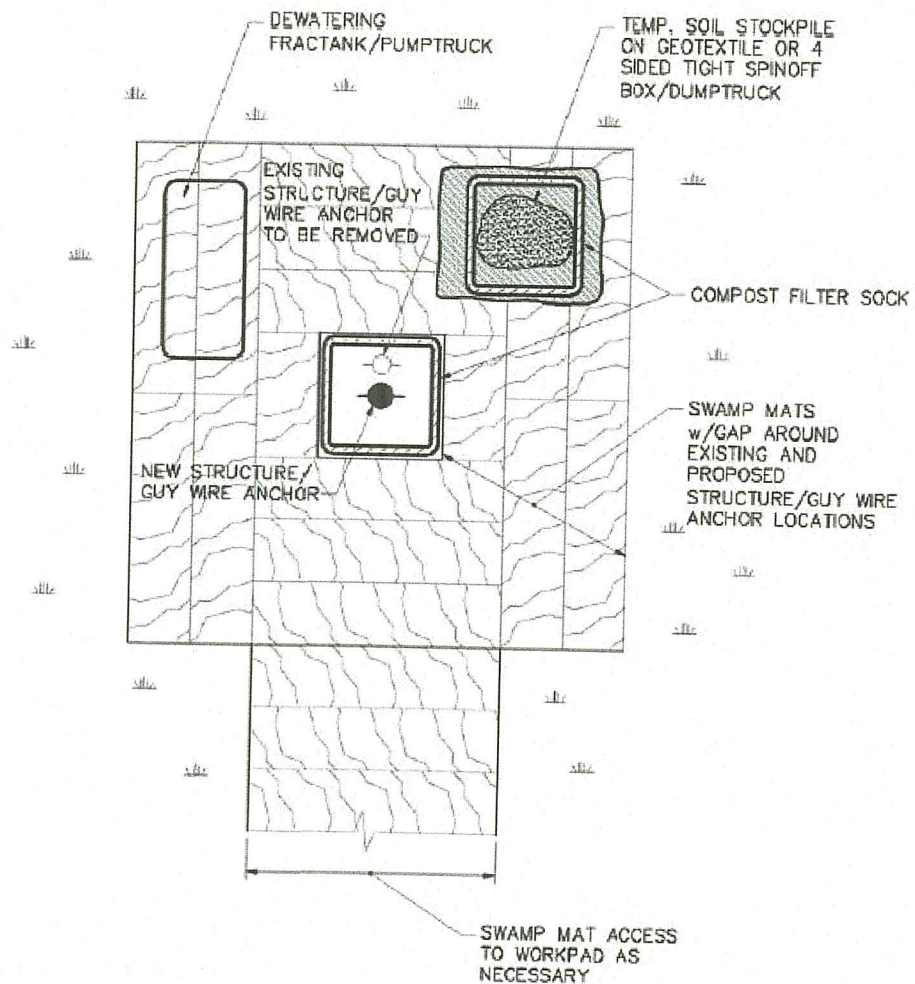
Douglas Pike Solar Interconnection Project  
Feeder Upgrade (127W40/43)

RI Environmental Planning  
NOV 13 2024  
Office of Water Resources  
Source: RIGIS, National Grid, VHB

Details  
Page 15

Date: 9/13/2024





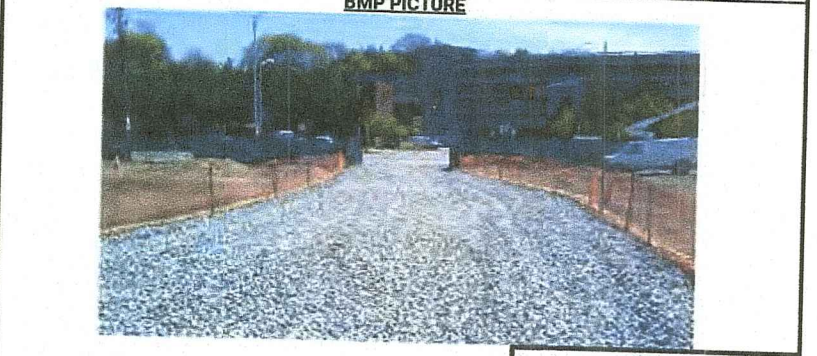
**Swamp Mat Workpad**

Rhode Island Energy <b>Environmental Guidance</b> Subject: Access, Maintenance and Construction Best Management Practices	Doc. No.	EG-303
	Page: 7-24	Rev. No. 4
	Date	05/25/22
Reference: EP No. 3 - Natural Resource Protection (Chapter 6)		

**BMP DETAIL**  
 SCALE NONE

**NOTES:**

- STONE SIZE - USE 2" STONE (MINIMUM) TO 6" STONE (MAXIMUM)
- LENGTH - GREATER THAN OR EQUAL TO 50 FEET
- THICKNESS - 4"
- WIDTH - FIFTEEN (15) FOOT TYP., BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS ENTRANCE. IF PIPING IS IMPRACTICAL, MOUNTABLE BERM SHALL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED.
- THE CLEAN STONE SHOULD BE INSTALLED OVER A GEOTEXTILE FABRIC. GEOTEXTILE FABRIC MAY BE OMITTED FOR PERMANENT CONSTRUCTION ENTRANCES/EXITS ON A CASE-BY-CASE BASIS WITH THE APPROVAL OF THE ENVIRONMENTAL DEPARTMENT SCOPED FIRST.
- FOLLOWING CONSTRUCTION, THE CONSTRUCTION ENTRANCE/EXIT SHALL BE REMOVED AND THE AREA GRADED, SEED, AND MULCHED AS NEEDED. ENTRANCE/EXITS MAY REMAIN DEPENDING UPON FUTURE ACCESS NEEDS AND/OR PROJECT-SPECIFIC APPROVALS BUT REQUIRES APPROVALS FROM THE ENVIRONMENTAL DEPARTMENT, SCOPED FIRST AND PROPERTY LEGAL.



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CM-8  
 TEMPORARY CONSTRUCTION  
 ENTRANCE/ EXIT  
 File: Temp\_Construction\_Exit.dwg

**Detail #4**  
 RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS  
 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: APR 15 2025 FILE #: 23-0263  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Nancy L. Freeman*

**Detail #5**

**Douglas Pike Solar Interconnection Project**  
**Feeder Upgrade (127W40/43)**

Environmental Management  
 NOV 13 2024  
 Office of Water Resources  
 Source: RIGIS, National Grid, VHB

Details  
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Rhode Island Energy  
 a PPL company

vhb

Date: 9/13/2024