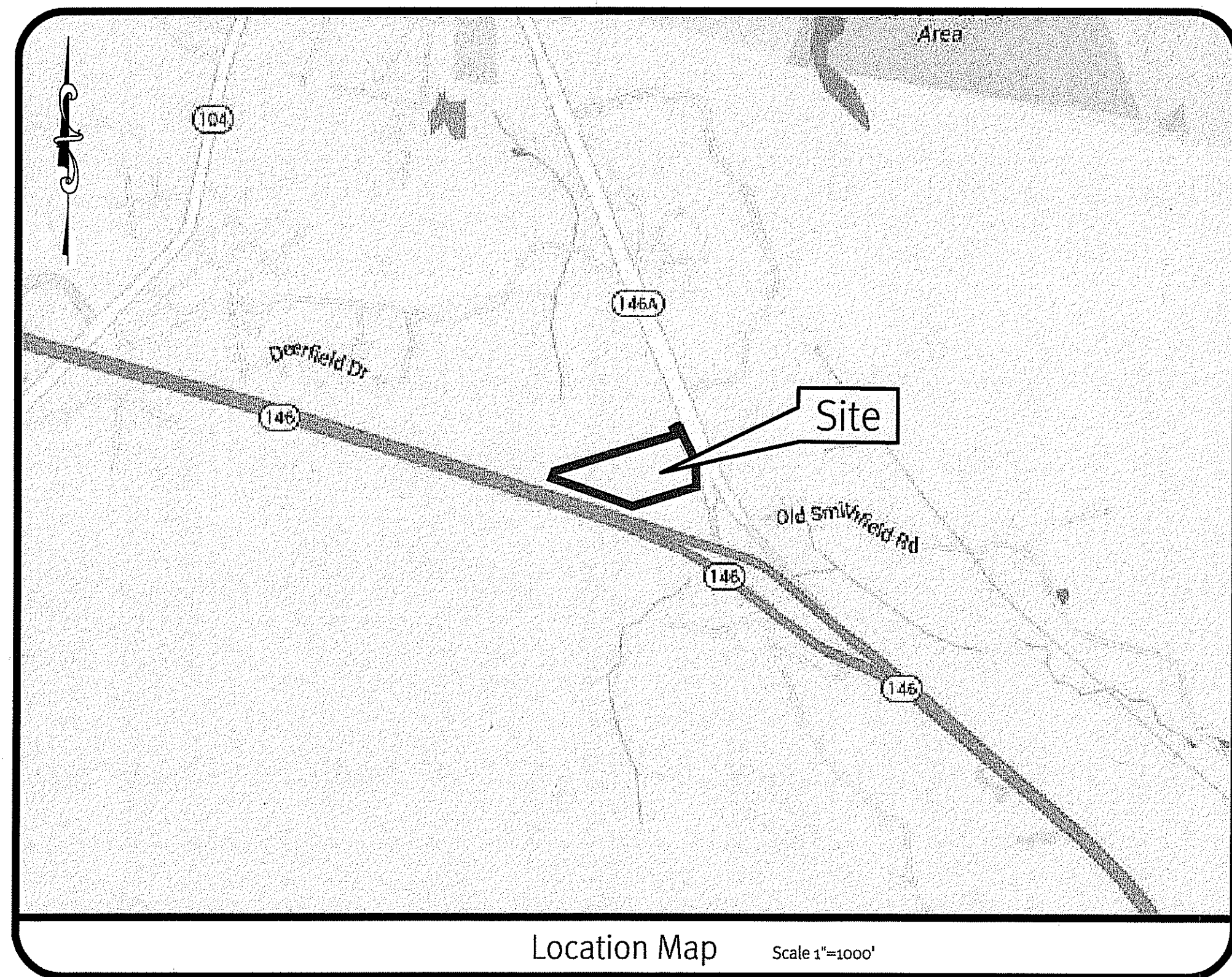


RIDEM Permit Modification Submission

435 Eddie Dowling Highway

435 Eddie Dowling Highway
North Smithfield, RI 02896

Assessor's Plat 13 Lot 104



Sheet Index

1. Cover Sheet
2. Aerial & USGS Map
1. of 1. ALTA/ACSM Land Title Survey
4. Site Layout
5. Grading and Utility Plan
6. Detail Sheet

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 04 2017 FILE # 16-0201
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Jonathan D. Wenzel

ENVIRONMENTAL ENGINEERING
JUL 17 2017

O&M
The Operations and Maintenance Plan (O&M) is a required document with this plan set and must be maintained by the contractor and owner onsite.

RIDOT
The Proposed Improvements Will Not Increase the Rate of Stormwater Runoff Onto the State Highway. All Work Within the State Right of Way Must Conform to the RI Standard Specifications, Details, and Addendums.

DiPrete Engineering
Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-941-6006 www.diprete-eng.com
Boston • Providence • Newport

ERIC M. PRIVE
No. 8662
REGISTERED PROFESSIONAL ENGINEER CIVIL

This regulatory submission set shall not be used for construction purposes unless stamped/issued for Construction and signed by a DiPrete Engineering representative.
The contractor is responsible for all of the means, methods, safety precautions and requirements, and O&M performance in the implementation of this plan and design.

No.	Date	Description	By
1	06/23/2017	RIDEM Permit Modification Submission	J.A.C.
2	06/23/2017	Pre-application Submission	D.L.C.
3	06/23/2017	Pre-application Submission	J.E.C.
4	06/23/2017	RIDEM Freshwater Wetlands Comments	J.E.C.
5	06/23/2017	Pre-application Submission	N.H.
6	06/23/2017	Pre-application Submission	J.A.C.
7	06/23/2017	Pre-application Submission	J.A.C.
8	06/23/2017	Pre-application Submission	J.A.C.
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11	06/23/2017	Pre-application Submission	J.A.C.
12	06/23/2017	Pre-application Submission	J.A.C.
13	06/23/2017	Pre-application Submission	J.A.C.
14	06/23/2017	Pre-application Submission	J.A.C.
15	06/23/2017	Pre-application Submission	J.A.C.
16	06/23/2017	Pre-application Submission	J.A.C.
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20	06/23/2017	Pre-application Submission	J.A.C.
21	06/23/2017	Pre-application Submission	J.A.C.
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98	06/23/2017	Pre-application Submission	J.A.C.
99	06/23/2017	Pre-application Submission	J.A.C.
100	06/23/2017	Pre-application Submission	J.A.C.

Cover Sheet
435 Eddie Dowling Highway
Assessor's Plat 13 Lot 104
North Smithfield, Rhode Island
Applicant
Boardwalk Storage Solutions, LLC
44 Wood Avenue, Suite 1, Mansfield, MA 02048
tel 508-337-0935 fax 508-337-9377
DE Job No: 2375-002-001 Copyright 2017 by DiPrete Engineering Associates, Inc.

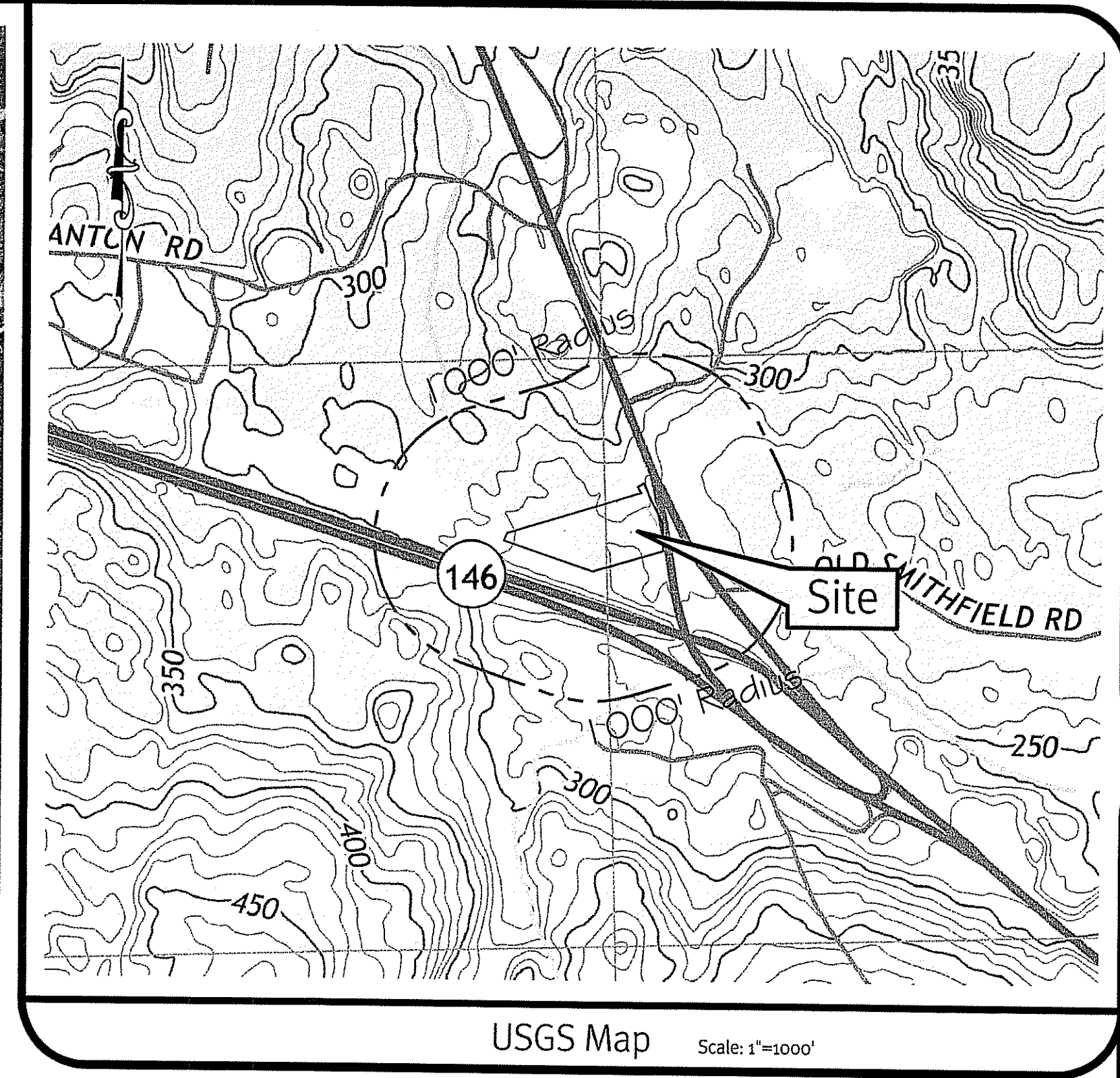
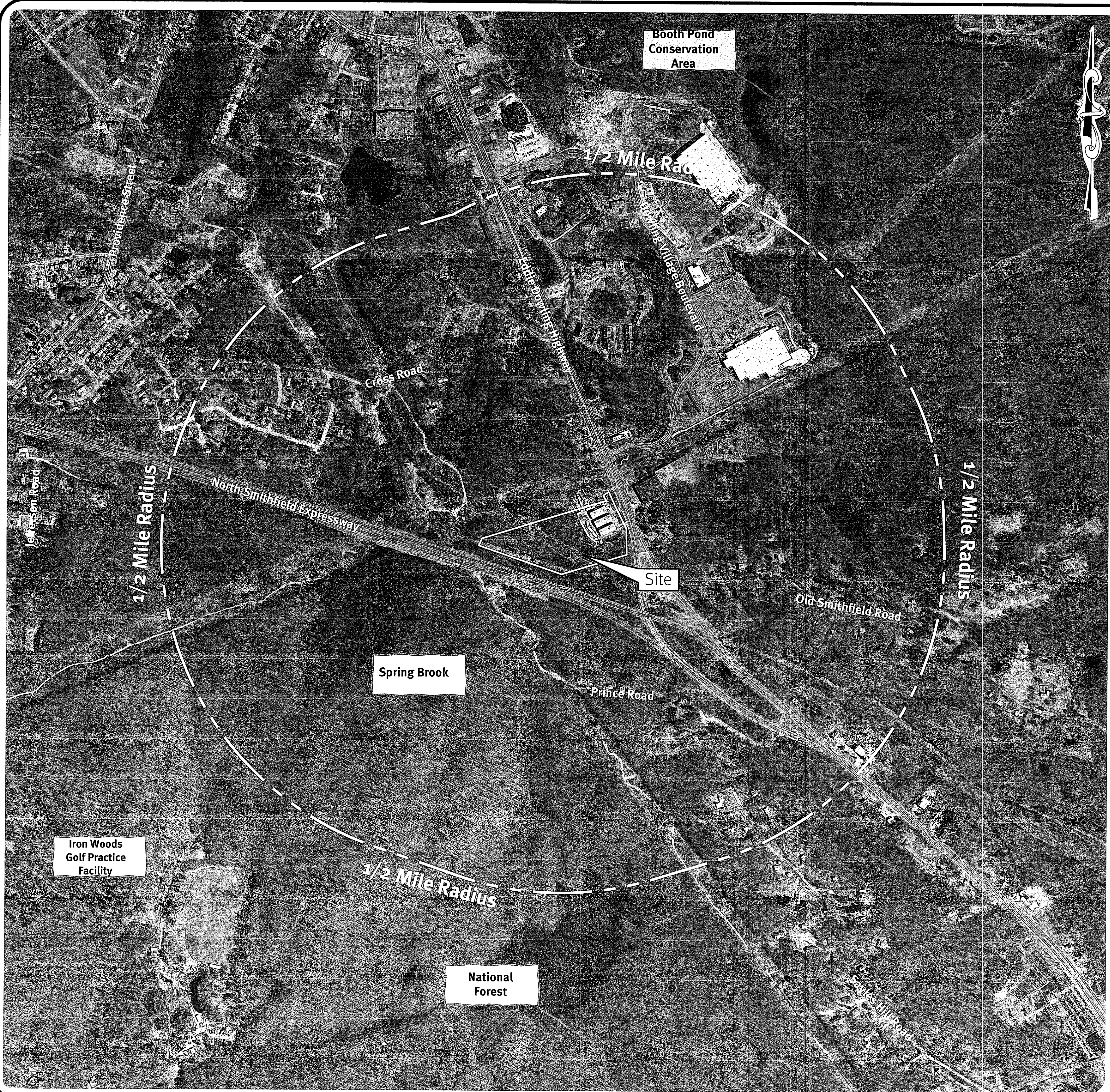
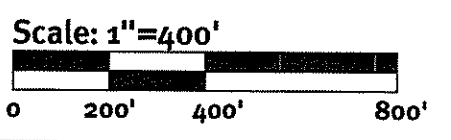


Photo obtained from the RI-GIS.

Legend:

- PROPERTY LINE
- 1000' RADIUS LINE
- HALF MILE RADIUS LINE



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Boston • Providence • Newport

ERIC M. PRIVE
 No. 8662
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

This regulatory submission shall not be used for construction purposes unless stamped 'Issued for Construction' and signed by a DiPrete Engineering representative.
 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.

No.	Date	Description	By:
1	08-13-2015	PERMITS/ASST/ISSUE SUBMISSION	A.C.
2	08-13-2015	PERMITS/ASST/ISSUE SUBMISSION	A.C.
3	08-13-2015	PERMITS/ASST/ISSUE SUBMISSION	A.C.
4	08-13-2015	PERMITS/ASST/ISSUE SUBMISSION	A.C.
5	08-13-2015	PERMITS/ASST/ISSUE SUBMISSION	A.C.
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9	08-13-2015	PERMITS/ASST/ISSUE SUBMISSION	A.C.
10	08-13-2015	PERMITS/ASST/ISSUE SUBMISSION	A.C.

Drawn By: B.J.D. Design By: B.J.D.

Aerial & USGS Map
435 Eddie Dowling Highway
 Assessor's Plat 13 Lot 104
 North Smithfield, Rhode Island

Applicant
Boardwalk Storage Solutions, LLC
 44 Wood Avenue, Suite 1, Mansfield, MA 02048
 tel 508-337-0935 fax 508-337-9037

OC No. No: 2379-002-001 Copyright 2021 by DiPrete Engineering Associates, Inc.

z:\demarc\projects\2379-002_eddie_dowling\drawings\2379-002_aerial.dwg Plotted: 6/26/2017

General Notes

1. THE PARCEL IS FOUND ON ASSESSOR'S PLAT 13, LOT 104 IN THE TOWN OF NORTH SMITHFIELD, PROVIDENCE COUNTY, RHODE ISLAND.
2. THE OWNER PER DEED BOOK 264, PAGE 766 IS NEW ENGLAND SELF-STORAGE, LLC.
3. THE PARCEL IS LOCATED IN ZONE X PER FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP 440070157G, DATED MARCH 2, 2009.
4. THERE WERE NO CEMETERIES, GRAVE SITES AND OR BURIAL GROUNDS OBSERVED WITHIN THE LIMITS OF THE SURVEY.
5. FIELD SURVEY PERFORMED BY DIPRETE ENGINEERING BETWEEN FEBRUARY 22 AND MARCH 3, 2016. THIS PLAN REFLECTS ON THE GROUND CONDITIONS AS OF THAT DATE.
6. ALL UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN LOCATED FROM FIELD SURVEY OBSERVATIONS ONLY. DIPRETE ENGINEERING IS NOT RESPONSIBLE FOR MISSING UNDERGROUND UTILITIES, EITHER IN SERVICE OR ABANDONED, NOT OBSERVED AT THE TIME OF THE SURVEY. (PLEASE CONTACT DIGSAFE 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 1-888-344-7233).

ALTA/ACSM Land Title Survey Notes

1. THE ADDRESS OF PARCEL IS 415-435 EDDIE DOWLING HIGHWAY.
2. THERE WERE NO STRIPED PARKING SPACES OBSERVED AT THE TIME OF THE FIELD SURVEY.
3. THE PARCEL HAS DIRECT ACCESS TO EDDIE DOWLING HIGHWAY, A PUBLIC RIGHT OF WAY.
4. THERE ARE NO DIVIDING/PARTY WALLS LOCATED ALONG BOUNDARY OF THE PARCEL.
5. THERE WAS NO OBVIOUS EVIDENCE OF A SOLID WASTE DUMP, SUMP OR SANITARY LANDFILL ON SITE AT THE TIME OF THE FIELD SURVEY. DIPRETE ENGINEERING IS NOT ACTING AS AN EXPERT IN ENVIRONMENTAL MATTERS IN REGARDS TO THIS SURVEY AND IS NOT RESPONSIBLE FOR WHAT A PHASE ONE ENVIRONMENTAL ASSESSMENTS OF THE SUBJECT SITE WOULD REVEAL.
6. RIGHT OF WAY LINES ADJACENT TO SUBJECT PARCEL ARE AS SHOWN.
7. THERE WAS NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS OBSERVED AT THE TIME OF THE FIELD SURVEY.
8. WETLAND LOCATIONS SHOWN BASED ON FIELD SURVEY BY DIPRETE ENGINEERING. WETLAND FLAGS WERE DELINEATED BY UNKNOWN PARTIES

Plan References:

1. ADMINISTRATIVE SUBDIVISION, PLAT OF LAND PLAT 13, LOTS 10, 104, 106 & 136. PLAN BY GUERRIERE AND HALNON, INC. DATED APRIL 28, 2004. RECORDED IN CAD 92-B
2. RHODE ISLAND HIGHWAY PLAT 641.
3. RHODE ISLAND HIGHWAY PLAT 1043.

Zoning Notes

1. THE PARCEL IS ZONED BUSINESS- HIGHWAY (BH) PER THE TOWN ZONING MAP.
2. THE ZONING ORDINANCE SECTION 5 LISTS THE DIMENSIONAL REGULATIONS AS FOLLOWS:
 MINIMUM FRONT YARD 25 FEET
 MINIMUM SIDE YARD 15 FEET
 MINIMUM REAR YARD 30 FEET
 MAXIMUM HEIGHT 35 FEET (MAIN STRUCTURES)

Line Table

LINE	LENGTH	BEARING
L1	54.24'	N57°27'33"E
L2	29.51'	N24°18'55"W
L3	23.13'	N35°47'01"W

Surveyor's Metes & Bounds

THAT CERTAIN PARCEL OF LAND, WITH ALL BUILDINGS AND IMPROVEMENTS, SITUATED WESTERLY OF EDDIE DOWLING HIGHWAY IN THE TOWN NORTH SMITHFIELD, PROVIDENCE COUNTY, THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE WESTERLY HIGHWAY LINE OF EDDIE DOWLING HIGHWAY AT STATION 489+42.75, 81.61 FEET LEFT OF THE CENTER LINE AS SHOWN ON RHODE ISLAND HIGHWAY PLAT 641, SAID POINT BEING THE NORTHEASTERLY MOST POINT OF THE HEREIN DESCRIBE PARCEL;

THENCE THE FOLLOWING TWO COURSES ALONG SAID WESTERLY HIGHWAY LINE,

1. ALONG A CURVE TO THE LEFT HAVING A CENTRAL ANGLE OF 06° 39' 36", WITH A RADIUS OF 1918.60 FEET, A CHORD BEARING OF S 25° 02' 07" E, A CHORD LENGTH OF 222.89 FEET FOR AN ARC DISTANCE OF 223.02 FEET TO POINT ON A NON-TANGENTIAL LINE;
2. S 26° 42' 57" E, A DISTANCE OF 115.09 FEET TO A POINT ON THE WESTERLY FREEWAY LINE OF RHODE ISLAND ROUTE 146 AT STATION 486+05.00, 65.34 FEET LEFT OF THE CENTER LINE AS SHOWN ON RHODE ISLAND HIGHWAY PLAT 1033;

THENCE, S 01° 15' 18" E, ALONG SAID FREEWAY LINE, A DISTANCE OF 214.74 FEET TO A POINT ON THE NORTHERLY LINE OF LAND NOW OR FORMERLY OF BARBARA WEST BUTTERS (AP 13, LOT 107); SAID POINT BEING 19.49 FEET SOUTHWESTERLY OF RHODE ISLAND HIGHWAY BOUND NUMBER 16 AT STATION 485+77.01, 72.42 FEET LEFT OF THE CENTER LINE AS SHOWN ON RHODE ISLAND HIGHWAY PLAT 1033;

THENCE, S 73° 05' 09" W, BOUNDED SOUTHERLY BY SAID LAND OF BUTTERS (AP 13, LOT 107), A DISTANCE OF 565.21 FEET TO THE EASTERLY FREEWAY LINE OF RHODE ISLAND ROUTE 146;

THENCE, N 71° 02' 18" W, ALONG SAID EASTERLY FREEWAY LINE, A DISTANCE OF 726.96 FEET TO THE SOUTHERN LINE OF LAND NOW OR FORMERLY OF THE NARRAGANSETT ELECTRIC COMPANY;

THENCE, N 22° 26' 11" E, BOUNDED WESTERLY BY SAID LAND OF THE NARRAGANSETT ELECTRIC COMPANY, A DISTANCE OF 63.44 FEET, TO THE SOUTHWESTERLY CORNER OF LAND NOW OR FORMERLY OF BARRY SHAVER & RAYMOND C. LOUGHLIN (AP 13, LOT 103);

THENCE THE FOLLOWING FOUR COURSES ALONG THE SOUTHERLY AND EASTERLY LINES OF SAID LAND OF SHAVER & LOUGHLIN (AP 13, LOT 103);

1. N 73° 05' 09" E, A DISTANCE OF 1079.96 FEET;
2. N 35° 47' 01" W, A DISTANCE OF 23.13 FEET;
3. N 24° 18' 55" W, IN PART ALONG A STONEWALL, A DISTANCE OF 29.51 FEET;
4. N 57° 27' 33" E, IN PART ALONG A STONEWALL, A DISTANCE OF 54.24 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL OF LAND CONTAINS 440,248 SQUARE FEET OF LAND (10.11 ACRES)

THE ABOVE METES AND BOUNDS DESCRIBES THE SAME PARCEL OF LAND AS DESCRIBED IN THE TITLE COMMITMENT REFERENCED ON THIS SURVEY.

Legal Description of Record

FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NUMBER: NCS-775822-CAST, EFFECTIVE DATE: FEBRUARY 10, 2016 AT 4:30PM

PARCEL I:
 A CERTAIN TRACT OR PARCEL OF LAND WITH THE BUILDINGS AND IMPROVEMENTS THEREON, SITUATED ON THE WESTERLY SIDE OF LOUISQUISSET PIKE, SOMETIMES CALLED EDDIE DOWLING HIGHWAY, IN THE TOWN OF NORTH SMITHFIELD, STATE OF RHODE ISLAND, BOUNDED AND DESCRIBED AS FOLLOWS:
 EASTERLY: BY SAID PIKE, 108 FEET;
 SOUTHERLY: BY LAND OF BUTTERS ET AL., 84 FEET;
 WESTERLY: BY LAND OF DAGESSE, 95 FEET;
 NORTHERLY: BY LAND OF DAGESSE, 81 FEET.

BEING SHOWN AS LOT 106 ON ASSESSORS PLAT 13, OF THE ASSESSOR'S MAPS OF THE TOWN OF NORTH SMITHFIELD, RHODE ISLAND.

PARCEL II:
 A CERTAIN TRACT OR PARCEL OF LAND WITH THE BUILDINGS AND IMPROVEMENTS THEREON, SITUATED ON THE WESTERLY SIDE OF LOUISQUISSET PIKE, SOMETIMES CALLED EDDIE DOWLING HIGHWAY, IN THE TOWN OF NORTH SMITHFIELD, STATE OF RHODE ISLAND, BOUNDED AND DESCRIBED AS FOLLOWS:
 EASTERLY: BY SAID PIKE, 201 FEET;
 NORTHERLY: BY LAND OF DAGESSE, 910 FEET;
 WESTERLY: BY NORTH SMITHFIELD EXPRESSWAY, 340 FEET;
 SOUTHERLY: BY LAND NOW OR FORMERLY OF BUTTERS, 570 FEET.
 BEING SHOWN AS LOT 10 ON ASSESSORS PLAT 13, OF THE ASSESSOR'S MAPS OF THE TOWN OF NORTH SMITHFIELD, RHODE ISLAND.

PARCEL III:
 THAT CERTAIN PARCEL OF LAND WITH ANY IMPROVEMENTS THEREON, SITUATED ON THE WESTERLY SIDE OF EDDIE DOWLING HIGHWAY, ALSO KNOWN AS LOUISQUISSET PIKE, IN THE TOWN OF NORTH SMITHFIELD, STATE OF RHODE ISLAND, BOUNDED AND DESCRIBED AS FOLLOWS:
 BEGINNING AT A POINT IN THE WESTERLY LINE OF EDDIE DOWLING HIGHWAY AT THE SOUTHEASTERLY CORNER OF THE PREMISES CONVEYED BY LESLIE A. DAGESSE, TRUSTEE OF 228 REALTY TRUST TO MAUREEN E. MCCAFFREY BY DEED DATED OCTOBER 19, 1989 AND RECORDED IN THE NORTH SMITHFIELD REGISTRY OF DEEDS IN BOOK 173, PAGE 856, BEING LAND NOW OF BLUE RIBBON BEEF COMPANY, INC.; THENCE SOUTHERLY, BOUNDING EASTERLY ON SAID HIGHWAY, 17 FEET, MORE OR LESS, TO LAND OF NICHOLAS S. TISMORTOS, TRUSTEE OF 193 REALTY TRUST; THENCE WESTERLY, 81 FEET TO A CORNER; THENCE SOUTHERLY, 95 FEET TO A CORNER; THENCE WESTERLY, 831 FEET TO THE NORTH SMITHFIELD EXPRESSWAY; SAID LAST 3 COURSES BOUNDING ON SAID TISMORTOS LAND; THENCE NORTHWESTERLY, BOUNDING SOUTHWESTERLY ON SAID EXPRESSWAY, 400 FEET TO LAND NOW OR FORMERLY OF HAROLD MCKENZIE AND DOROTHY STEERE; THENCE NORTHERLY BOUNDING WESTERLY ON SAID LAST NAMED LAND, 65 FEET TO LAND OF PAUL C. AND LUCILLE C. WEST; THENCE EASTERLY BOUNDING NORTHERLY ON SAID WEST LAND, 961 FEET TO SAID BEEF COMPANY LAND; THENCE SOUTHERLY, 138 FEET TO A CORNER, THENCE EASTERLY 136 FEET TO SAID EDDIE DOWLING HIGHWAY AT THE POINT OF BEGINNING, SAID LAST 2 COURSES BOUNDING ON SAID BEEF COMPANY LAND.

SUBJECT TO ALL EASEMENTS AND RIGHTS OF WAY OF RECORD AS THE SAME ARE NOW IN FORCE AND APPLICABLE.

PARCEL IV:
 THAT CERTAIN TRACT OR PARCEL OF LAND, WITH BUILDINGS AND IMPROVEMENTS THEREON, SITUATED ON THE WESTERLY SIDE OF LOUISQUISSET PIKE IN THE TOWN OF NORTH SMITHFIELD, BOUNDED AND DESCRIBED AS FOLLOWS:
 BEGINNING AT THE NORTHEASTERLY CORNER OF THIS LOT AT A POINT IN THE WESTERLY LINE OF LOUISQUISSET PIKE, THAT IS ALSO THE SOUTHEASTERLY CORNER OF LAND OF PAUL WEST; THENCE S. 76° W SEVENTY SIX (76) FEET, TO CORNER OF WALL; THENCE SOUTH THIRTY THREE (33) FEET, TO A TURN IN THE WALL; THENCE S. 15° E, TWENTY (20) FEET TO A CORNER OF WALL; THENCE S. 78° W, ONE HUNDRED NINETEEN (119) FEET, TO WESTERLY END OF ANOTHER WALL; ALL THE FOREGOING LINES ARE WITH LAND OF PAUL WEST; THENCE S. 10 1/2° E., ONE HUNDRED THIRTY EIGHT (138) FEET, TO A STAKE; THENCE N. 82 1/2° E., ONE HUNDRED THIRTY SIX (136) FEET, TO A RAILROAD SPIKE IN THE WESTERLY LINE OF AFORESAID LAND; THE LAST TWO (2) LINES ARE WITH LAND OF THIS GRANOR; THENCE NORTHERLY, WITH WESTERLY LINE OF SAID PIKE TWO HUNDRED TWELVE (212) FEET, TO POINT OR PLACE OF BEGINNING. THE ABOVE DESCRIBED PARCEL OF LAND CONTAINS 26,348 SQUARE FEET MORE OR LESS.

Curve Table

CURVE	DELTA	RADIUS	LENGTH	TANGENT	CHORD LENGTH	CHORD BEARING
C1	6°39'36"	1918.60'	223.02'	111.64'	222.89'	S25°02'07"E

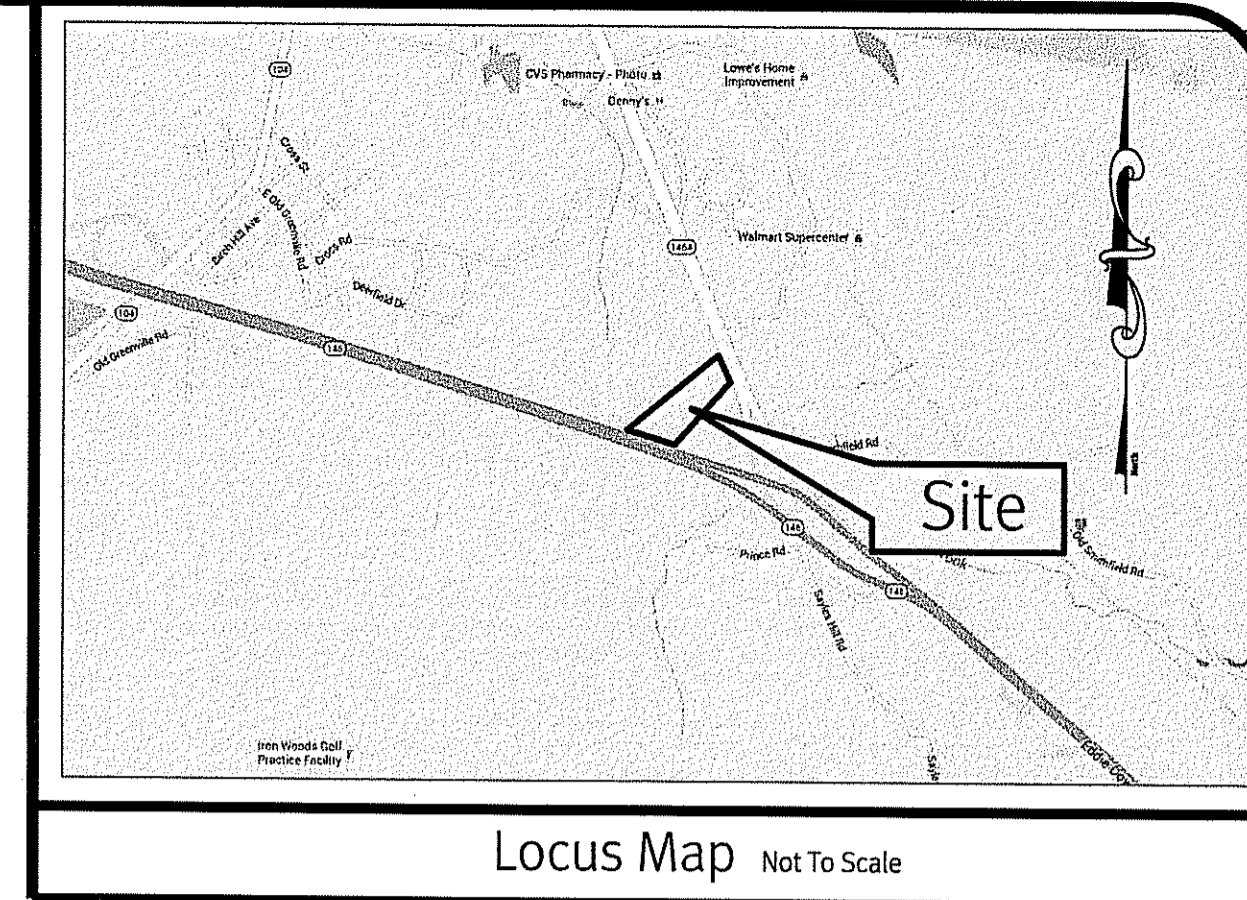
Legend

NOT ALL ITEMS SHOWN WILL APPEAR ON THE SURVEY

BUILDING		▲/△	NAIL FOUND/SET
ASPHALT		●/○	DRILL HOLE FOUND/SET
AP	ASSESSOR'S PLAT	⊙/⊚	IRON ROD/PIPE FOUND/SET
N/F	NOW OR FORMERLY	⊛	BOUND FOUND/SET
(D)	DEED	⊙ CB	SIGN
(M)	MEASURED	⊙ DMH	BOLLARD
(C)	CALCULATED	⊙ FES	SOIL EVALUATION
(CA)	CHORD ANGLE	⊙	CATCH BASIN
HC	HANDICAPPED	⊙	DOUBLE CATCH BASIN
	PROPERTY LINE	⊙ EMH	DRAINAGE MANHOLE
	ASSESSORS LINE	⊙ UP	FLARED END SECTION
	TREELINE	⊙ SMH	GUY POLE
	GUARDRAIL	⊙	ELECTRIC MANHOLE/HANDHOLE
	FENCE	⊙	UTILITY/POWER POLE
	RETAINING WALL	⊙	LIGHTPOST
	STONE WALL	⊙	SEWER/SEPTIC MANHOLE
	MINOR CONTOUR LINE	⊙	SEWER VALVE
	MAJOR CONTOUR LINE	⊙	CLEANOUT
	WATER LINE	⊙	HYDRANT
	SEWER LINE	⊙	IRRIGATION VALVE
	SEWER FORCE MAIN	⊙	WATER VALVE
	GAS LINE	⊙	WELL
	ELECTRIC LINE	⊙	MONITORING WELL
	OVERHEAD WIRES	⊙	UNKNOWN MANHOLE
	DRAINAGE LINE	⊙	GAS VALVE
		⊙	WETLAND FLAG
		⊙	BENCH MARK
		⊙	BUSH
		⊙	TREE

List of Possible Encroachments:

- ▲ STONE WALL OVER PROPERTY LINE
- ▲ COBBLE STONE WALL PROPERTY LINE ON TO ROADWAY
- ▲ LANDSCAPING OVER PROPERTY LINE ON TO ROADWAY
- ▲ OVERHEAD WIRE CROSSES PROPERTY LINE
- ▲ STORAGE CONTAINERS OVER PROPERTY LINE
- ▲ WALL AND FENCE OVER THE PROPERTY LINE



Locus Map Not To Scale

Notes Corresponding to Schedule B Exceptions:

- FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NUMBER: NCS-775822-CAST, EFFECTIVE DATE: FEBRUARY 10, 2016 AT 4:30PM
1. EASEMENT AS SET FORTH IN N DEED FROM GEORGE H. HAMMOND TO RHODE ISLAND POWER TRANSMISSION COMPANY DATED JULY 8, 1914 AND RECORDED ON JANUARY 30, 1915 IN BOOK 19, PAGE 114. RESPONSE: AFFECT SUBJECT SITE, SHOWN ON SURVEY.
 2. EASEMENT DEED FROM IRENE B. WEST AND FRED B. WEST TO NARRAGANSETT ELECTRIC COMPANY DATED JUNE 28, 1930 AND RECORDED ON JULY 18, 1930 AT 12:00 P.M. IN BOOK 33, PAGE 251. RESPONSE: AFFECT SUBJECT SITE, SHOWN ON SURVEY.
 3. EASEMENT DEED FROM FRED B. WEST AND IRENE B. WEST TO NARRAGANSETT ELECTRIC COMPANY DATED AUGUST 31, 1937 AND RECORDED ON SEPTEMBER 14, 1937 AT 1:25 P.M. IN BOOK 40, PAGE 116. RESPONSE: AFFECT SUBJECT SITE, SHOWN ON SURVEY.
 4. EASEMENT AS SET FORTH IN QUITCLAIM DEED FROM IRENE B. WEST TO IRENE B. WEST AND MILTON F. WEST DATED MAY 31, 1957 AND RECORDED ON MAY 31, 1957 IN BOOK 62, PAGE 64. RESPONSE: LOCATION OF MILK PATH UNKNOWN.
 5. EASEMENT AS SET FORTH IN WARRANTY DEED FROM IRENE B. WEST AND BARBARA WEST BUTTERS TO IRENE WEST AND FRED B. WEST, JR. DATED SEPTEMBER 1, 1964 AND RECORDED ON SEPTEMBER 3, 1964 AT 2:06 P.M. IN BOOK 72, PAGE 62. RESPONSE: AFFECT SUBJECT SITE, SHOWN ON SURVEY.
 6. NOTICE OF ZONING BOARD OF REVIEW DECISION DATED MAY 22, 2000 AND RECORDED ON MAY 22, 2000 AT 2:35 P.M. IN BOOK 203, PAGE 207. RESPONSE: AFFECT SUBJECT SITE, NOT PLOTTABLE.
 7. RHODE ISLAND DEM INSIGNIFICANT ALTERATION - PERMIT DATED JULY 17, 2000 AND RECORDED ON JULY 24, 2000 AT 2:49 P.M. IN BOOK 204, PAGE 911. RESPONSE: AFFECT SUBJECT SITE, NOT PLOTTABLE.
 8. NOTICE OF ZONING BOARD OF REVIEW DECISION DATED NOVEMBER 26, 2003 AND RECORDED ON NOVEMBER 26, 2003 AT 9:40 A.M. IN BOOK 262, PAGE 182. RESPONSE: AFFECT SUBJECT SITE, NOT PLOTTABLE.
 9. RHODE ISLAND DEM REVISED PERMIT DATED DECEMBER 16, 2003 AND RECORDED ON JANUARY 22, 2004 AT 9:27 A.M. IN BOOK 264, PAGE 153. RESPONSE: AFFECT SUBJECT SITE, NOT PLOTTABLE.
 10. GRANT OF EASEMENT FROM NEW ENGLAND SELF STORAGE, LLC TO THE NARRAGANSETT ELECTRIC COMPANY AND VERIZON NEW ENGLAND INC. DATED DECEMBER 10, 2004 AND RECORDED ON FEBRUARY 4, 2005 AT 11:23 AM. IN BOOK 280, PAGE 793. RESPONSE: AFFECT SUBJECT SITE, BLANKET EASEMENT.
 11. RHODE ISLAND DEM INSIGNIFICANT ALTERATION - PERMIT DATED FEBRUARY 16, 2007 AND RECORDED ON FEBRUARY 22, 2007 AT 9:28 A.M. IN BOOK 378, PAGE 59. RESPONSE: AFFECT SUBJECT SITE, NOT PLOTTABLE.
 12. NOTICE OF ZONING BOARD OF REVIEW DECISION DATED OCTOBER 22, 2007 AND RECORDED ON OCTOBER 22, 2007 AT 8:09 A.M. IN BOOK 408, PAGE 305. RESPONSE: AFFECT SUBJECT SITE, NOT PLOTTABLE.
 13. EASEMENTS AND RESTRICTIONS AS SET FORTH ON RECORDED PLAT. RESPONSE: NOT PROVIDED FOR REVIEW.



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 OFFICE OF WATER RESOURCES
 FRESHWATER WETLANDS PROGRAM
 APPROVED WITH CONDITIONS
 AS SPECIFIED IN THE LETTER OF APPROVAL
 DATED AUG 04, 2017 FILE # 16-0201
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Walter D. Wenczek

Surveyor's Certificate

TO: JAFFE RAITT HEUTER & WEISS, P.C.; NEW ENGLAND SELF-STORAGE, LLC.; EASTERN BANK AND ITS SUCCESSORS AND/OR ASSOCIATES; FIRST AMERICAN TITLE INSURANCE COMPANY;

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARDS AND REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 2, 3, 4, 6(B), 7(A), 7(B)(1), 7(C), 8, 9, 10(A), 11(A), 13, 16, 17, 18, 19 & 20(A) OF TABLE A-THEREOF. THE FIELD WORK WAS COMPLETED BETWEEN FEBRUARY 22 AND MARCH 3, 2016. DATE OF PLAT OR MAP: MARCH 11, 2016.

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON JANUARY 1, 2016, AS FOLLOWS:

TYPE OF SURVEY: COMPREHENSIVE BOUNDARY SURVEY
 MEASUREMENT SPECIFICATION: CLASS I

THE PURPOSE OF THE CONDUCT OF THE SURVEY AND FOR THE PREPARATION OF THE PLAN IS AS FOLLOWS: ALTA SURVEY.

ROBERT G. BARCOCK
 No. 2504
 PROFESSIONAL LAND SURVEYOR

3/29/16
 ROBERT G. BARCOCK, RIPLS #2504, COA #LS.000A160

DIPRETE ENGINEERING
 Two Stafford Court, Cranston, RI 02910
 Tel: 401-943-1000 Fax: 401-461-6606 www.diprete-eng.com

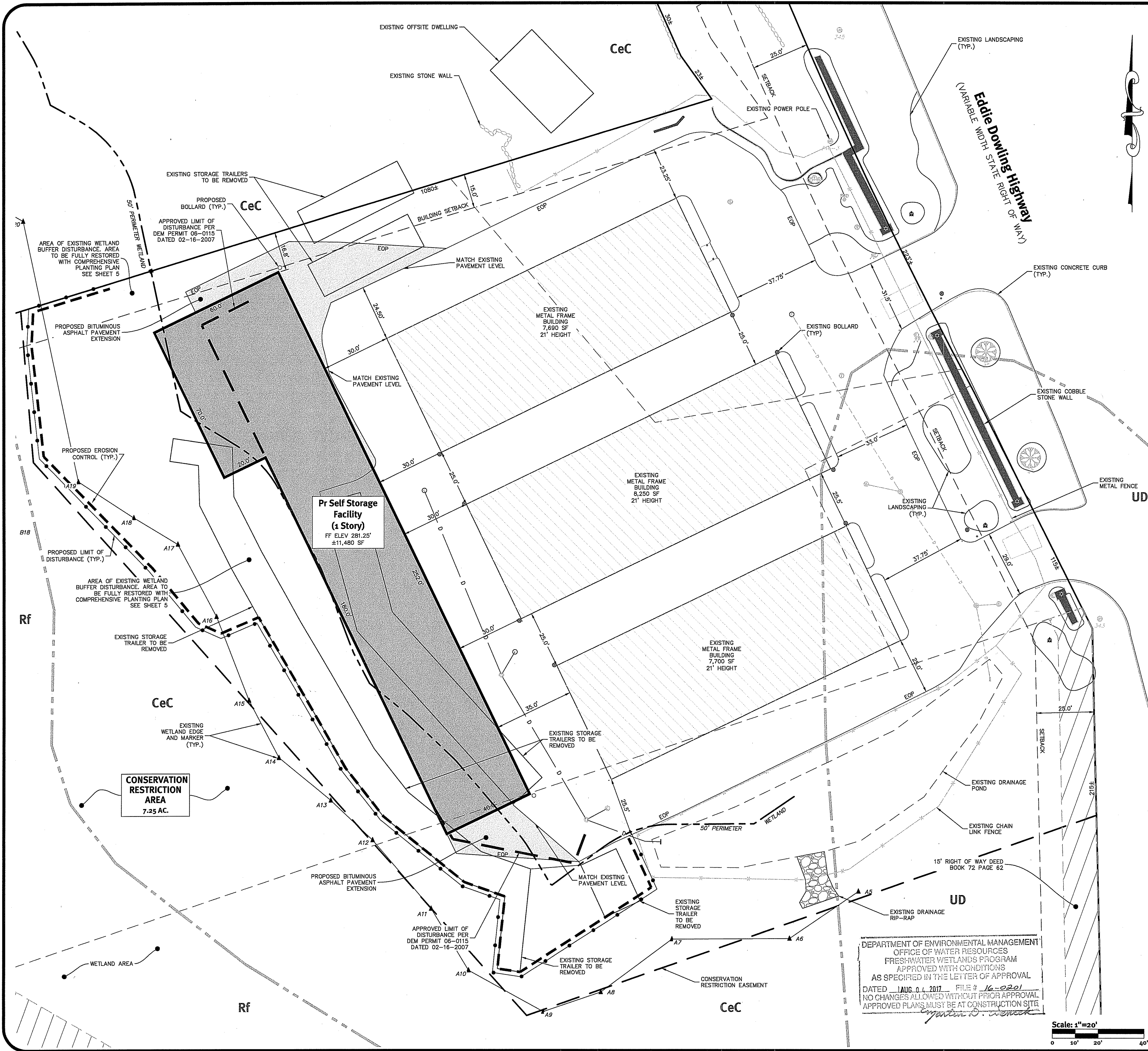
ALTA/ACSM Land Title Survey
435 Eddie Dowling Highway
 North Smithfield, Rhode Island

Jaffe Raitt Heuter & Weiss, P.C.
 Client: New England Self-Storage, LLC
 3777 Main Street, Suite 200
 Cranston, RI 02910

Drawn By: MTL

DE Job No: 2379-002 Copyright 2016 by Diprete Engineering Associates, Inc.

SHEET OF 1



- General Notes:**
- THE SITE IS LOCATED ON THE TOWN OF NORTH SMITHFIELD, PROVIDENCE COUNTY, RHODE ISLAND, ASSESSOR'S PLAT 13 LOT 104.
 - THE SITE IS APPROXIMATELY 10.11± ACRES AND IS ZONED BUSINESS - HIGHWAY (BH) PER THE TOWN ZONING MAP.
 - THE OWNER OF THE SITE IS : STORAGE PROS NORTH SMITHFIELD, LLC 30865 NORTHWESTERN HIGHWAY #100 FARMINGTON, MI 48334
 - THIS SITE IS LOCATED IN FEMA FLOOD ZONES X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 4400700157G, MAP REVISED MARCH 2, 2009.
 - THE BOUNDARY LINE AS SHOWN ON THIS PLAN DEPICTS A CLASS I SURVEY AS PERFORMED BY DIPRETE ENGINEERING ASSOCIATES, INC. THE PLAN ITSELF CONFORMS ONLY TO A CLASS III STANDARD AS ADOPTED BY RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. THIS PLAN IS NOT TO BE CONSTRUED AS A CLASS I BOUNDARY PLAN AND IS NOT SUITABLE FOR RECORDING AS A CLASS I STANDARD.
 - SOIL MAPPING OBTAINED FROM SOIL SURVEY OF RHODE ISLAND, PREPARED BY U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
 - THE SITE IS WITHIN A: A NON-COMMUNITY WELL HEAD PROTECTION AREA (RIDEM)
 - THE SITE IS NOT WITHIN A: NATURAL HERITAGE AREAS (RIDEM) NARROW RIVER SPECIAL AREA MANAGEMENT PLAN (CRMC) SALT PONDS SPECIAL AREA MANAGEMENT PLAN (CRMC) NORTH SMITHFIELD GROUNDWATER AQUIFER PROTECTION OVERLAY DISTRICT
 - THERE IS NO NEW WATER SERVICE PROPOSED.
 - THERE IS NO NEW SEWER SERVICE PROPOSED.
 - THE OPERATIONS AND MAINTENANCE PLAN (O&M) IS CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/ OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET.
 - DETAILED SOIL EROSION AND SEDIMENT CONTROL MEASURES TO BE INCORPORATED AT THE PRELIMINARY DESIGN STAGE AND WILL CONFORM TO RIDEM BEST MANAGEMENT PRACTICES.
 - THE PROPOSED BUILDING IS A ONE STORY BUILDING WITH A 11,400 S.F. FOOTPRINT.
 - THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF NORTH SMITHFIELD SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
 - A CONSERVATION RESTRICTION AREA IS PROPOSED AT THE REAR OF THE SITE. IT IS DELINEATED FROM THE LIMIT OF WORK TO THE EXTENT OF THE BACK PROPERTY LINES. THIS AREA CONSISTS OF 7.25 ACRES.
 - THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.

State Permits Obtained:

RIDEM FRESHWATER WETLAND PROGRAM: INSIGNIFICANT ALTERATION PERMIT #16-0201 RIDEM UIC PROGRAM FILE NO. 001732

Development Data:

TOTAL SITE AREA: 10.11 ± ACRES
 TOTAL NUMBER OF BUILDINGS: 4
 TOTAL DEVELOPABLE AREA: 2.50 ± ACRES

Dimensional Regulations:

CURRENT ZONING: BH - BUSINESS HIGHWAY

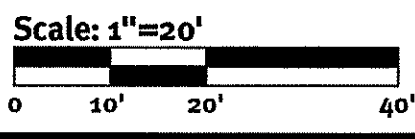
MINIMUM FRONT: 25'
 MINIMUM SIDE YARD: 15'
 MINIMUM REAR YARD: 30'
 MAXIMUM STRUCTURE HEIGHT: 35'
 MAXIMUM LOT COVERAGE: 25%

- Layout and Materials:**
- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
 - SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
 - SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
 - PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
 - CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Legend:

PROPERTY LINE	---
SETBACK	----
BUILDING FOOTPRINT	▒
SOIL BOUNDARY LINE	HkC
	CaD
EDGE OF PAVEMENT	----
ASPHALT PAVEMENT	▒
CONSERVATION RESTRICTION EASEMENT	----

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

ERIC M. PRIVE
 No. 8662
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

This regulatory submission set shall not be used for construction purposes unless stamped 'Issued for Construction' and signed by a DiPrete Engineering representative.
 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.

No.	Date	Description	By:
1	08/04/2017	Final Plan Submission	B.L.D.
2	08/04/2017	Final Plan Submission	B.L.D.
3	08/04/2017	Final Plan Submission	B.L.D.
4	08/04/2017	Final Plan Submission	B.L.D.
5	08/04/2017	Final Plan Submission	B.L.D.
6	08/04/2017	Final Plan Submission	B.L.D.

Design By: B.L.D.

Site Layout
435 Eddie Dowling Highway
 Assessor's Plat 13 Lot 104
 North Smithfield, Rhode Island
Boardwalk Storage Solutions, LLC
 Applicant
 44 Wood Avenue, Suite 1, Mansfield, MA 02048
 Tel: 508-337-9935 Fax: 508-337-9937

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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INSTALL NEW CONDUIT BANK FOR
ELECTRIC AND COMMUNICATIONS, SIZE
AND NUMBER TO BE CONFIRMED

Grading and Utility Notes:

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON-SITE. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER, THE DIRECTOR OF PUBLIC WORKS, THE TOWN ENGINEER, AND RI DEPT. OF ENVIRONMENTAL MANAGEMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
2. CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
3. CONSTRUCTION TO COMMENCE FALL 2016 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
4. ALL WORK PERFORMED HEREIN SHALL BE GOVERNED BY THE RHODE ISLAND STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND TOWN OF NORTH SMITHFIELD STANDARD SPECIFICATIONS AND DETAILS.
5. THE CONTRACTOR SHALL COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS SHALL BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE.
6. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDING TO ENSURE SURFACE WATER AND/OR GROUND WATER ARE DIRECTED AWAY FROM THE STRUCTURE.
7. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
8. ALL PROPOSED UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH APPLICANT, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
9. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION INCLUDING ALL REVISIONS.
10. ALL RETAINING WALLS AND STEEP SLOPES ARE SHOWN SCHEMATICALLY ONLY AND DIPRETE ENGINEERING IS NOT PROVIDING THE DESIGN OF THESE ITEMS. THE ACTUAL WALLS AND SLOPES ARE TO BE PROVIDED UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS TO BE SUBMITTED PRIOR TO CONSTRUCTION.
11. ALL CUT AND FILL AREAS ARE TO BE DONE UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER WITH TESTING AND CERTIFICATION TO BE PROVIDED TO THE APPLICANT AT THE COMPLETION OF THE PROJECT. DIPRETE ENGINEERING ASSOCIATES, INC. IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.
12. NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
13. ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
14. ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER AT AN APPROVED LOCATION. STUMPS SHALL BE GROUND ON-SITE OR REMOVED.
15. NO STUMP DUMPS ARE PROPOSED ON-SITE.
16. ALL EXISTING UTILITIES SHOWN ARE FROM VISIBLE INFORMATION, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED TO DIPRETE ENGINEERING AND ARE SUBJECT TO CHANGE. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM AFOREMENTIONED PLANS OF RECORD AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE PROPER UTILITY ENGINEERING DEPARTMENTS SHALL BE CONTACTED AND THE ACTUAL LOCATION OF SUBSURFACE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CALL THE DIG SAFE CENTER TOLL FREE AT 1-888-344-7233 72 HOURS PRIOR TO EXCAVATION. NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO EXCAVATION. ANY DAMAGE TO UTILITIES WHICH ARE SHOWN ON THE PLANS OR DETAILED BY DIG SAFE SHALL BE THE SITE CONTRACTORS RESPONSIBILITY.
17. IF CONCRETE TRUCKS ARE WASHED OUT ON-SITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

Traffic Notes:

1. DURING CONSTRUCTION TRAFFIC CONES ARE TO BE USED FOR SEPARATION OF ACTIVE TRAFFIC FROM WORK ZONE.
2. DURING CONSTRUCTION FLAGGERS SHALL BE EMPLOYED TO ENSURE SAFETY FOR INTERACTION OF CONSTRUCTION VEHICLES AND ACTIVE TRAFFIC.
3. ALL SIGNS, FLAGGERS, TRAFFIC CONTROL DEVICES, AND TEMPORARY TRAFFIC ZONE ACTIVITIES SHALL MEET THE REQUIREMENTS OF THE MUTCD LATEST EDITION AND SUBSEQUENT ADDENDA.
4. TEMPORARY CONSTRUCTION SIGNS SHALL BE MOUNTED ON RIDOT APPROVED SUPPORTS AND SHALL BE REMOVED OR COVERED WHEN NOT APPLICABLE.
5. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.

As-Built Notes:

1. ALL COMPONENTS OF THE DRAINAGE MUST BE ASBUILT PRIOR TO COVERING. ENGINEER TO BE NOTIFIED PRIOR TO COVERING SURVEY ASBUILT LOCATIONS. ENGINEER WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

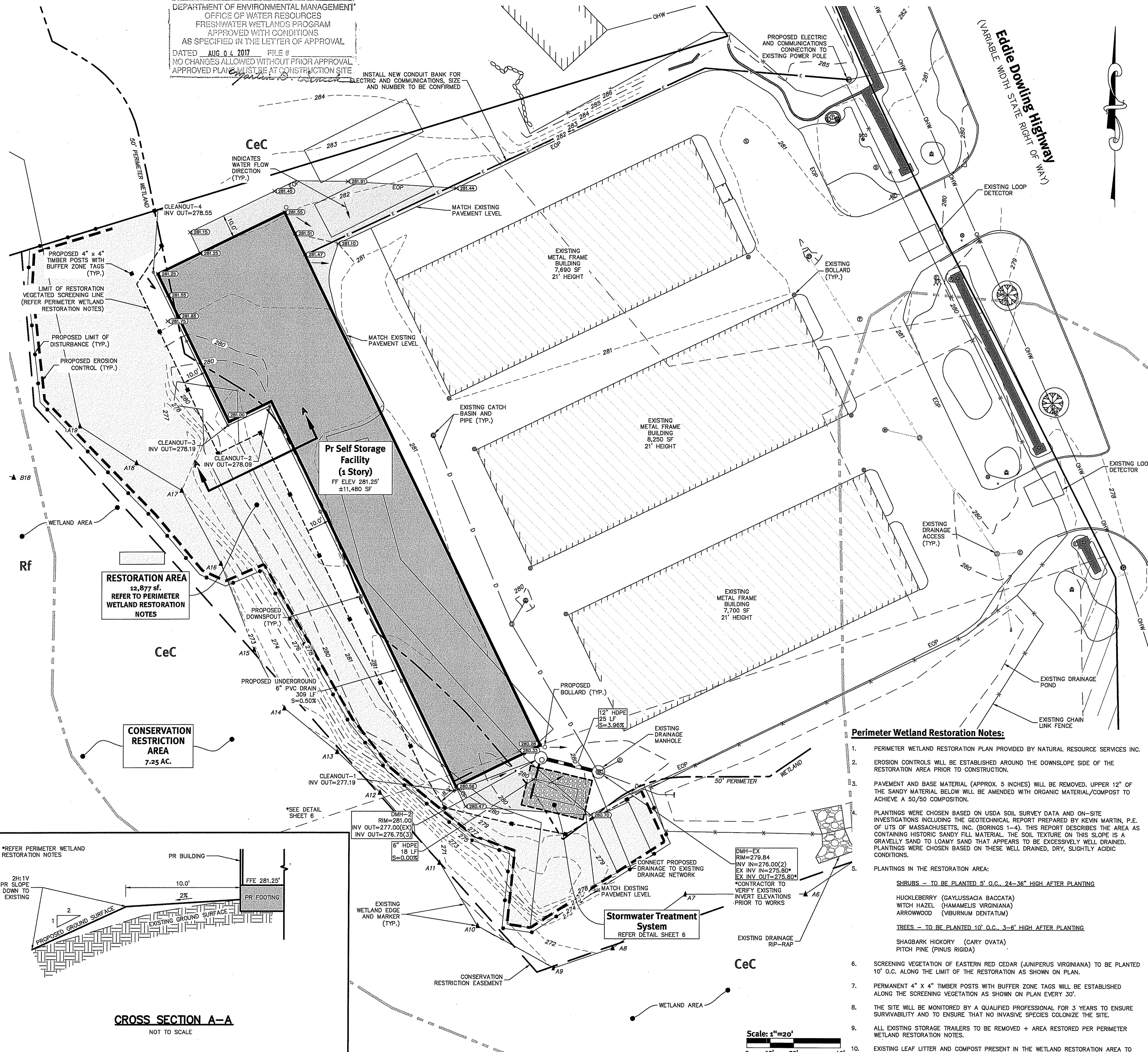
ADA Notes:

1. ALL IMPROVEMENTS SHALL COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)" BY THE DEPARTMENT OF JUSTICE.
2. MAXIMUM RUNNING SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL BE 4.5% OR 0.045', AND MAXIMUM CROSS SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL BE 0.015'/.
3. MAXIMUM SLOPE IN ALL DIRECTIONS FOR ALL ACCESSIBLE PARKING SPACES AND LOADING AREAS SHALL BE 0.015'/.
4. A 5'x5' LANDING WITH A MAXIMUM SLOPE OF 1.5% OR 0.015', IN ALL DIRECTIONS SHALL BE PROVIDED IN FRONT OF ALL PUBLICLY ACCESSIBLE BUILDING ENTRANCES/EGRESSES.
5. SIDEWALK CURB RAMPS SHALL COMPLY WITH DIPRETE ENGINEERING DETAILS THAT MEET OR EXCEEDING RIDOT STANDARDS 43.3.0, 43.3.1, & 43.4.1 AS SHOWN ON THE DETAIL SHEET.
6. PLEASE NOTE THAT THE GRADING AND PLAN VIEWS AS WELL AS THE STANDARD DETAILS MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS AND RAMPS TO ADA STANDARDS. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS ADA STANDARDS. IN THE EVENT OF ANY CONFLICTS THE CONTRACTOR SHALL NOTIFY THE DESIGNER BEFORE CONSTRUCTION FOR ADVICE IN FINDING A RESOLUTION.

Soil Information:

(REFERENCE: SOIL SURVEY OF RHODE ISLAND, U.S.D.A. SOIL CONSERVATION SERVICE)

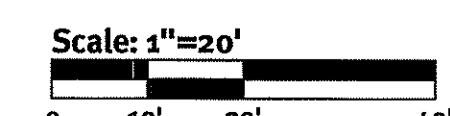
SOIL NAME	DESCRIPTION
CeC	CANTON AND CHARLTON FINE SANDY LOAMS, VERY ROCKY, 3 TO 15 PERCENT SLOPES
Rf	RIDGEBURY, WHITMAN, AND LEICESTER EXTREMELY STONY FINE SANDY-LOAMS UDORHTHENS-URBAN LAND COMPLEX
UD	



Perimeter Wetland Restoration Notes:

1. PERIMETER WETLAND RESTORATION PLAN PROVIDED BY NATURAL RESOURCE SERVICES INC.
2. EROSION CONTROLS WILL BE ESTABLISHED AROUND THE DOWNSLOPE SIDE OF THE RESTORATION AREA PRIOR TO CONSTRUCTION.
3. PAVEMENT AND BASE MATERIAL (APPROX. 5 INCHES) WILL BE REMOVED. UPPER 12" OF THE SANDY MATERIAL BELOW WILL BE AMENDED WITH ORGANIC MATERIAL/COMPOST TO ACHIEVE A 50/50 COMPOSITION.
4. PLANTINGS WERE CHOSEN BASED ON USDA SOIL SURVEY DATA AND ON-SITE INVESTIGATIONS INCLUDING THE GEOTECHNICAL REPORT PREPARED BY KEVIN MARTIN, P.E. OF UTS OF MASSACHUSETTS, INC. (BORINGS 1-4). THIS REPORT DESCRIBES THE AREA AS CONTAINING HISTORIC SANDY FILL MATERIAL. THE SOIL TEXTURE ON THIS SLOPE IS A GRAVELLY SAND TO LOAMY SAND THAT APPEARS TO BE EXCESSIVELY WELL DRAINED. PLANTINGS WERE CHOSEN BASED ON THESE WELL DRAINED, DRY, SLIGHTLY ACIDIC CONDITIONS.
5. PLANTINGS IN THE RESTORATION AREA:
 SHRUBS - TO BE PLANTED 5' O.C. 24"-36" HIGH AFTER PLANTING
 HUCKLEBERRY (GAYLUSSACIA BACCATA)
 WITCH HAZEL (HAMAMELIS VIRGINIANA)
 ARROWWOOD (VIBURNUM DENTATUM)
 TREES - TO BE PLANTED 10' O.C. 3'-6" HIGH AFTER PLANTING
 SHAGBARK HICKORY (CARY OVATA)
 PITCH PINE (PINUS RIGIDA)
6. SCREENING VEGETATION OF EASTERN RED CEDAR (JUNIPERUS VIRGINIANA) TO BE PLANTED 10' O.C. ALONG THE LIMIT OF THE RESTORATION AS SHOWN ON PLAN.
7. PERMANENT 4" X 4" TIMBER POSTS WITH BUFFER ZONE TAGS WILL BE ESTABLISHED ALONG THE SCREENING VEGETATION AS SHOWN ON PLAN EVERY 30'.
8. THE SITE WILL BE MONITORED BY A QUALIFIED PROFESSIONAL FOR 3 YEARS TO ENSURE SURVIVABILITY AND TO ENSURE THAT NO INVASIVE SPECIES COLONIZE THE SITE.
9. ALL EXISTING STORAGE TRAILERS TO BE REMOVED + AREA RESTORED PER PERIMETER WETLAND RESTORATION NOTES.
10. EXISTING LEAF LITTER AND COMPOST PRESENT IN THE WETLAND RESTORATION AREA TO BE REMOVED AND RESTORED.

CROSS SECTION A-A
NOT TO SCALE



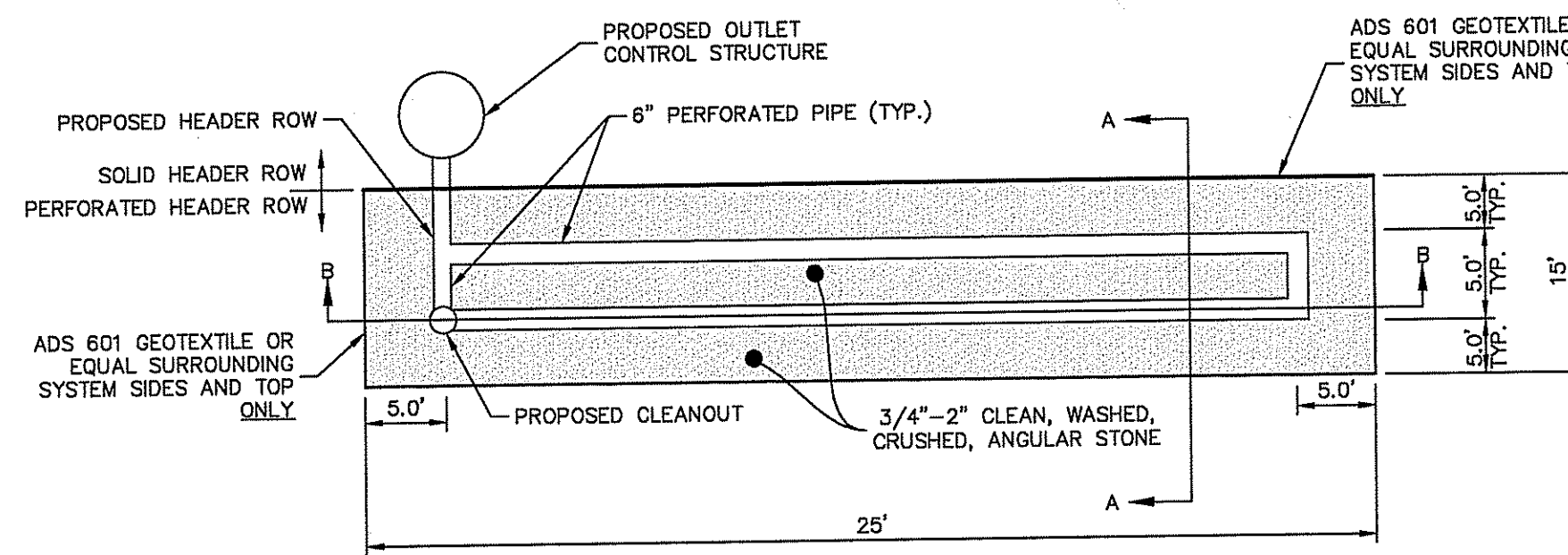
Diprete Engineering
Two Stafford Court, Cranston, RI 02920
tel: 401-943-1000 fax: 401-461-6006 www.diprete-eng.com

ERIC M. DIPRETE
No. 8862
REGISTERED PROFESSIONAL ENGINEER CIVIL

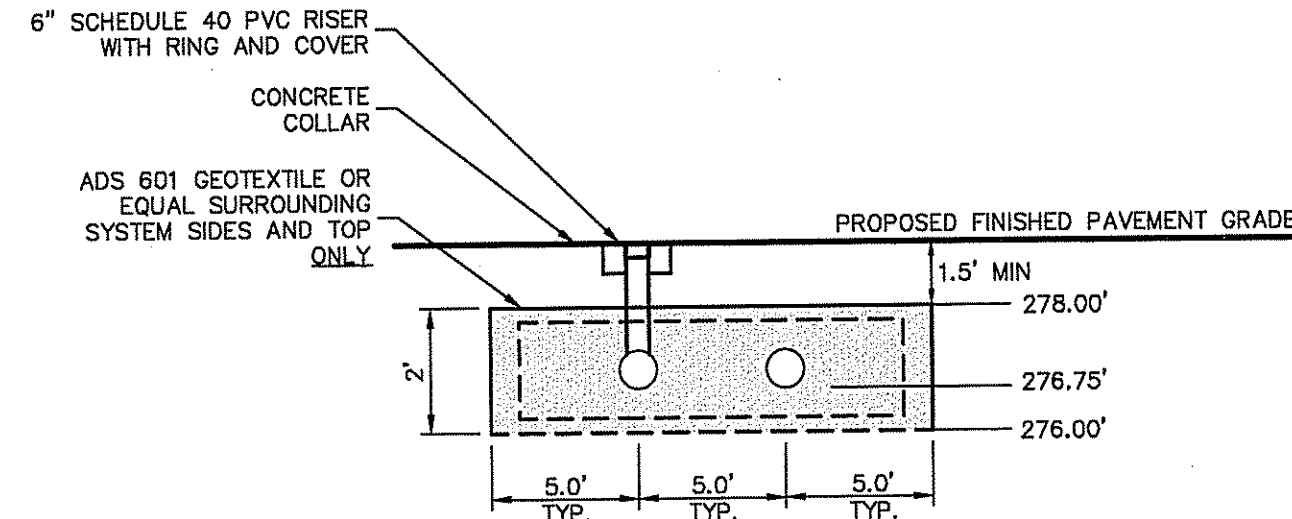
This regulatory submission set shall not be used for construction purposes unless stamped, issued for construction, and signed by a Diprete Engineering representative.
The contractor is responsible for all of the means, methods, safety precautions and requirements and OSHA performance in the implementation of this plan and design.

No.	Date	Description	By:
1	06-29-2017	Final Plan Submission	Design By: B.L.D.
2	07-20-2017	Final Plan Submission	
3	08-04-2017	Final Plan Submission	
4	08-24-2017	Final Plan Submission	
5	09-29-2017	Final Plan Submission	
6	10-13-2017	Final Plan Submission	
7	10-27-2017	Final Plan Submission	
8	11-10-2017	Final Plan Submission	

Grading and Utility Plan
435 Eddie Dowling Highway
Applicant: Boardwalk Storage Solutions, LLC
44 Wood Avenue, Suite 1, Mansfield, MA 02048
tel: 508-337-0935 fax: 508-337-9937



**TYPICAL WATER QUALITY SYSTEM
TOP PLAN VIEW**
NOT TO SCALE



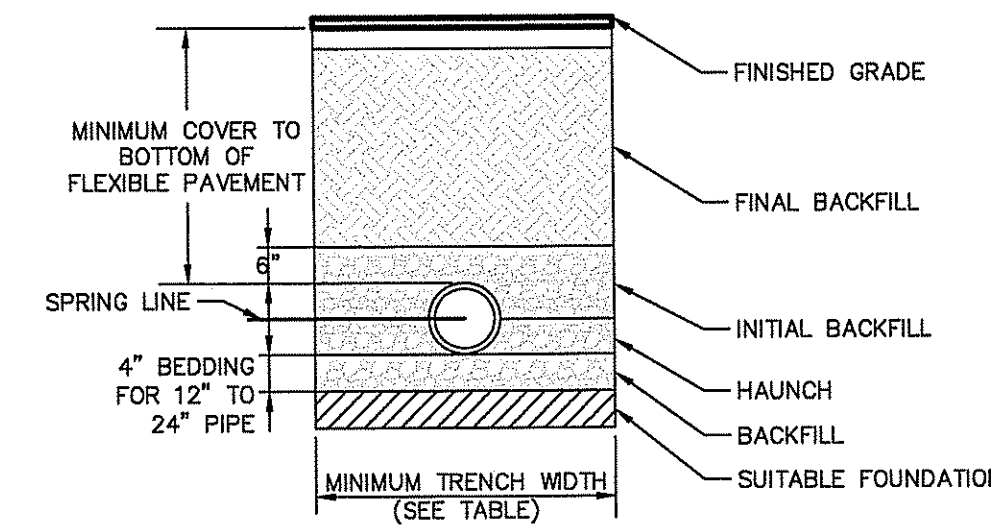
**TYPICAL WATER QUALITY SYSTEM
SECTION A-A**
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
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AS SPECIFIED IN THE LETTER OF APPROVAL
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NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
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Gardner B. Wenzel

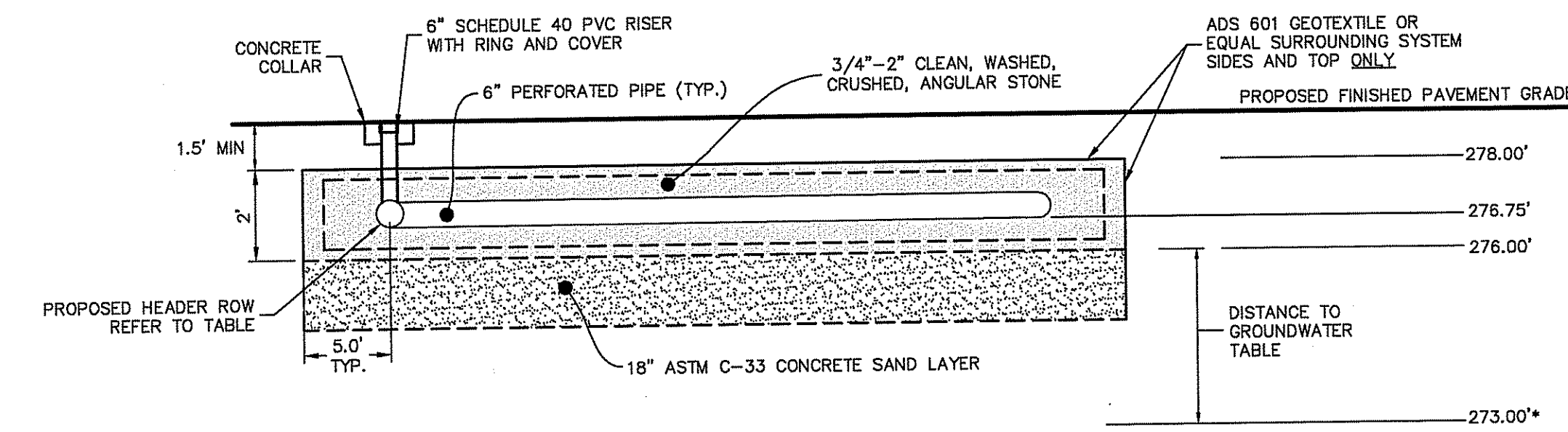
HDPE INSTALLATION NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS, LATEST EDITION.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100MM) FOR 4"-24" (100MM-600MM); 6" (150MM) FOR 30"-60" (750MM-900MM).
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 94"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

PIPE DIAMETER	MINIMUM TRENCH WIDTH
6"	23"
8"	28"
12"	30"
15"	34"
24"	39"



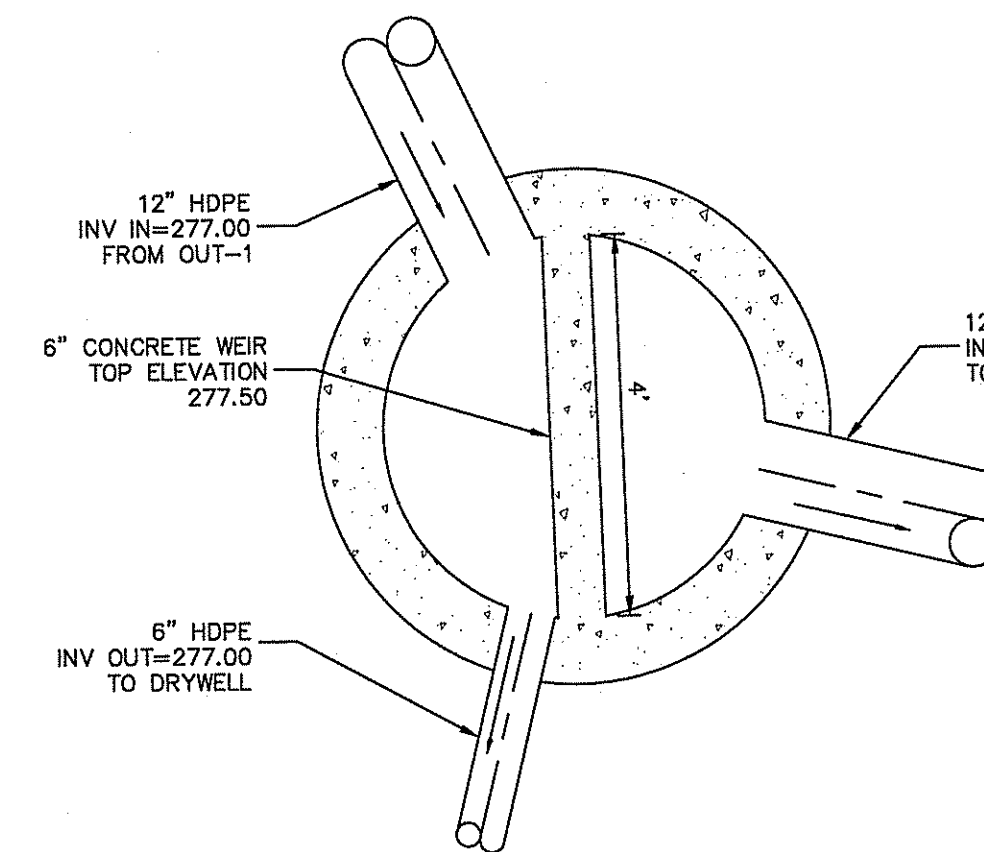
HDPE TRENCH DETAIL
NOT TO SCALE



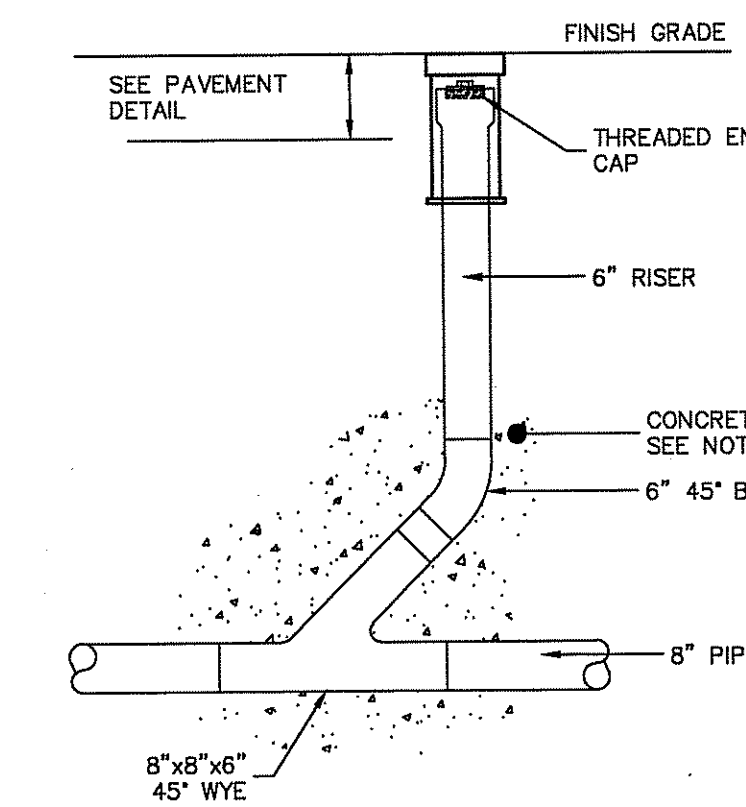
**TYPICAL WATER QUALITY SYSTEM
SECTION B-B**
NOT TO SCALE

*NOTE:
TESTING PERFORMED BY: SOIL EXPLORATION CORP
ON: APRIL 6, 2016

ESTIMATED GW ELEVATION BASED ON ELEVATION OF GROUND SURFACE AT LOCATION OF DRYWELL AND A RECORDED DEPTH OF 7 FEET TO REFUSAL WITHOUT ENCOUNTERING THE GW FROM NEAREST OBSERVATION WELL. NEAREST OBSERVATION WELL WAS TAKEN AT A LATERAL DISTANCE OF APPROXIMATELY 10 FEET FROM THE DRYWELL PERIMETER.



ByPass-CB-2 (4'Ø CATCH BASIN - FLAT TOP)
SCALE 1"=2'

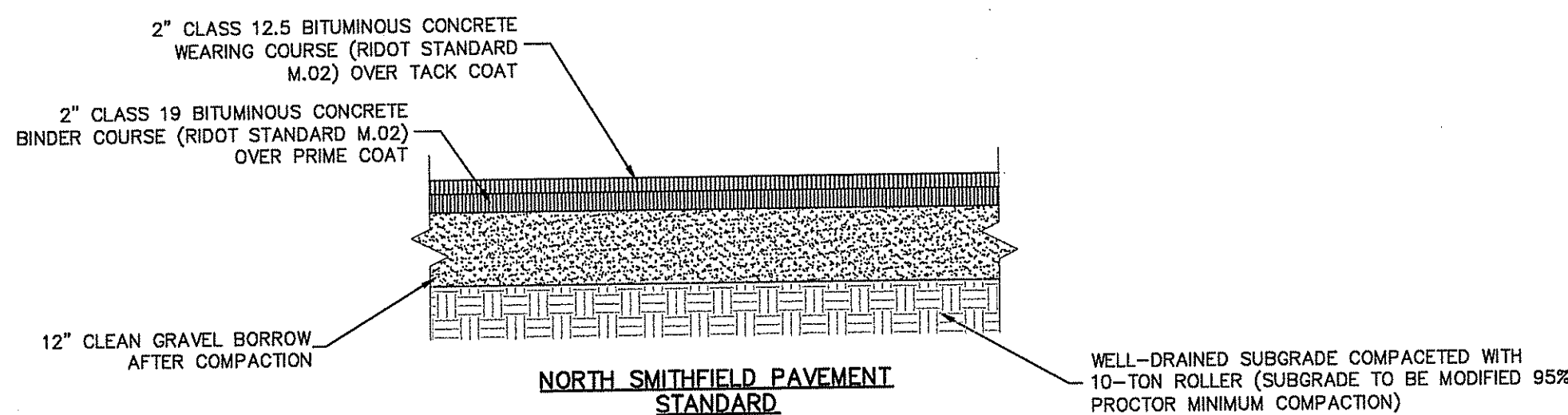


Drain Cleanout (in Pavement)
NOT TO SCALE

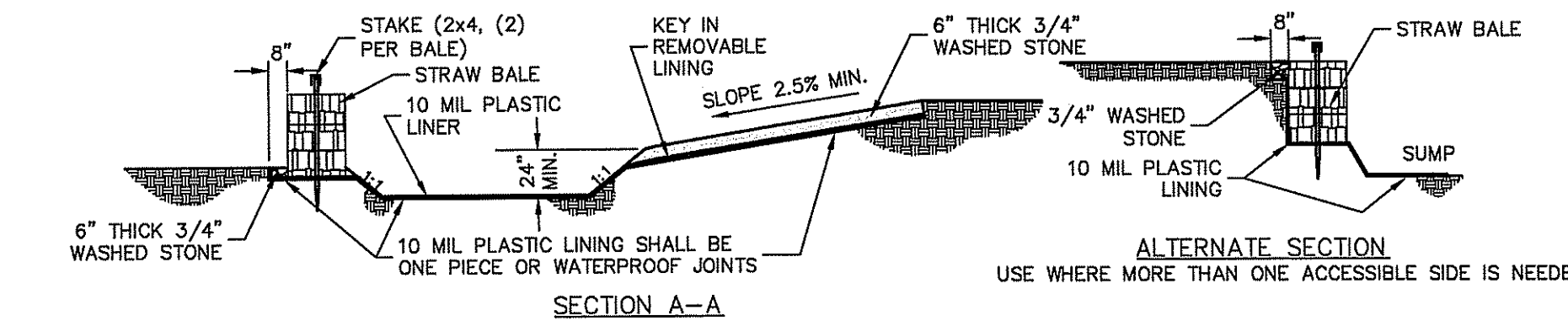
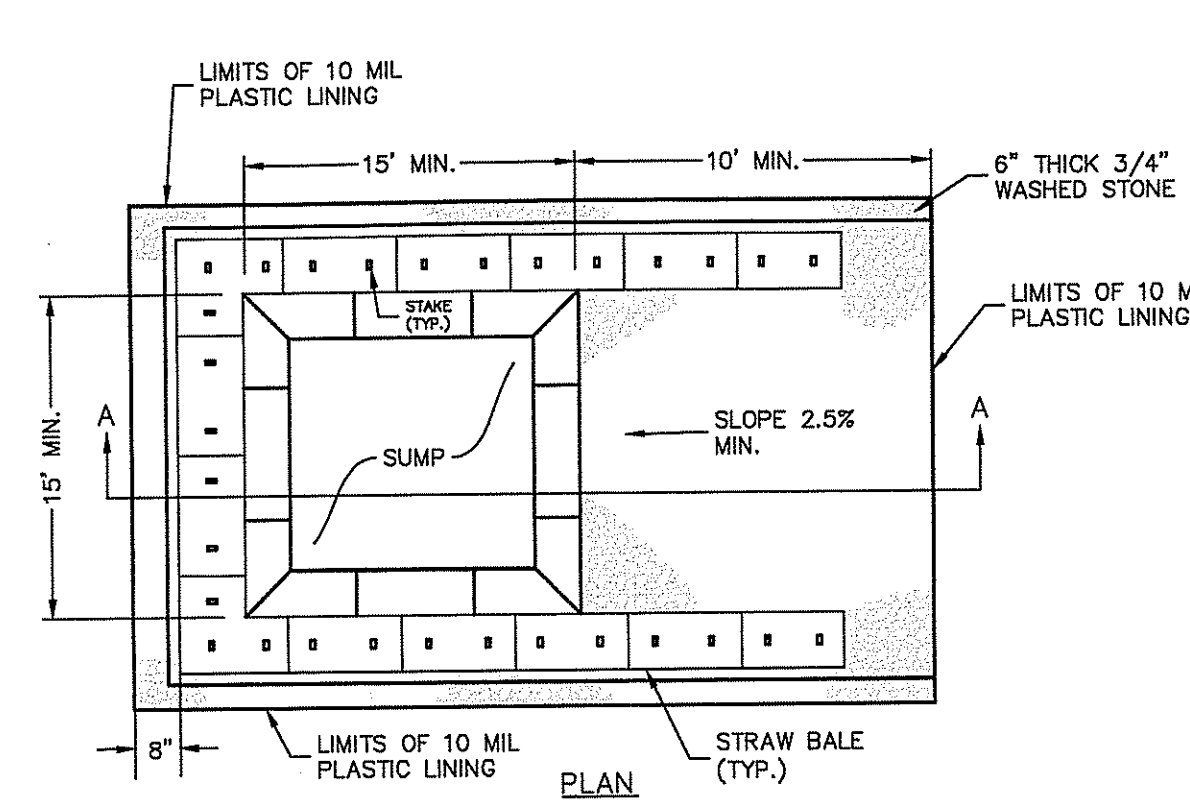
NOTES:

1. ENCASE CLEANOUT IN CONCRETE WHEN INVERT IS 12" OR MORE BELOW FINISH GRADE.
2. AT TERMINAL CLEANOUT REPLACE WYE WITH 45° BEND.
3. MONITORING WATER LEVELS WITHIN THE CLEANOUTS AT VARIOUS TIME INTERVALS AFTER A RAINFALL EVENT WILL INDICATE THE EFFECTIVENESS OF THE SYSTEM. IF WATER IS STANDING IN DRAIN 3 DAYS AFTER A STORM EVENT, SYSTEM FAILURE HAS OCCURRED AND WILL REQUIRE REPAIR OR REPLACEMENT OF DRAIN BY THE OWNER.
4. FOLLOWING THE COMPLETION OF CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND THE ASSOCIATED DRAINAGE IMPROVEMENTS, AND THE ACCEPTANCE OF THE WORK BY THE ENGINEER AND THE TOWN OR CITY, THE OWNER SHALL BE RESPONSIBLE TO HAVE A CERTIFIED INSPECTOR CHECK THE DRAINS NO LESS THAN TWICE PER YEAR - ONCE IN THE SPRING AND ONCE IN THE FALL - TO ENSURE THAT THE DRAINS ARE FUNCTIONING PROPERLY.
5. ALL CLEANOUTS SHALL BE SLEEVED WITH A CAST-IRON BOX SET FLUSH WITH THE FINAL GRADE.

NOTE:
THIS PAVEMENT SECTION DETAIL REFLECTS MINIMUM REQUIREMENTS. ENGINEER TO DETERMINE DESIGN BASED ON GEOTECHNICAL DATA OF SPECIFIC PROJECT AND DAILY TRAFFIC DESIGN REQUIREMENT.



Typical Pavement Section
NOT TO SCALE

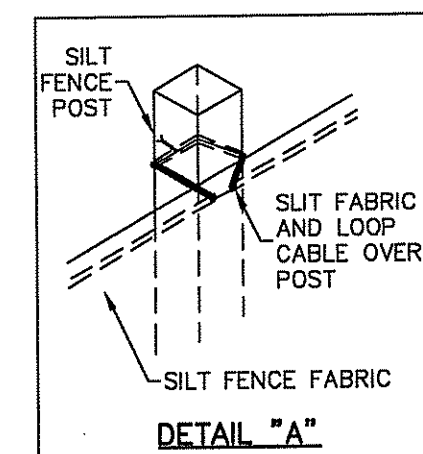


NOTES:

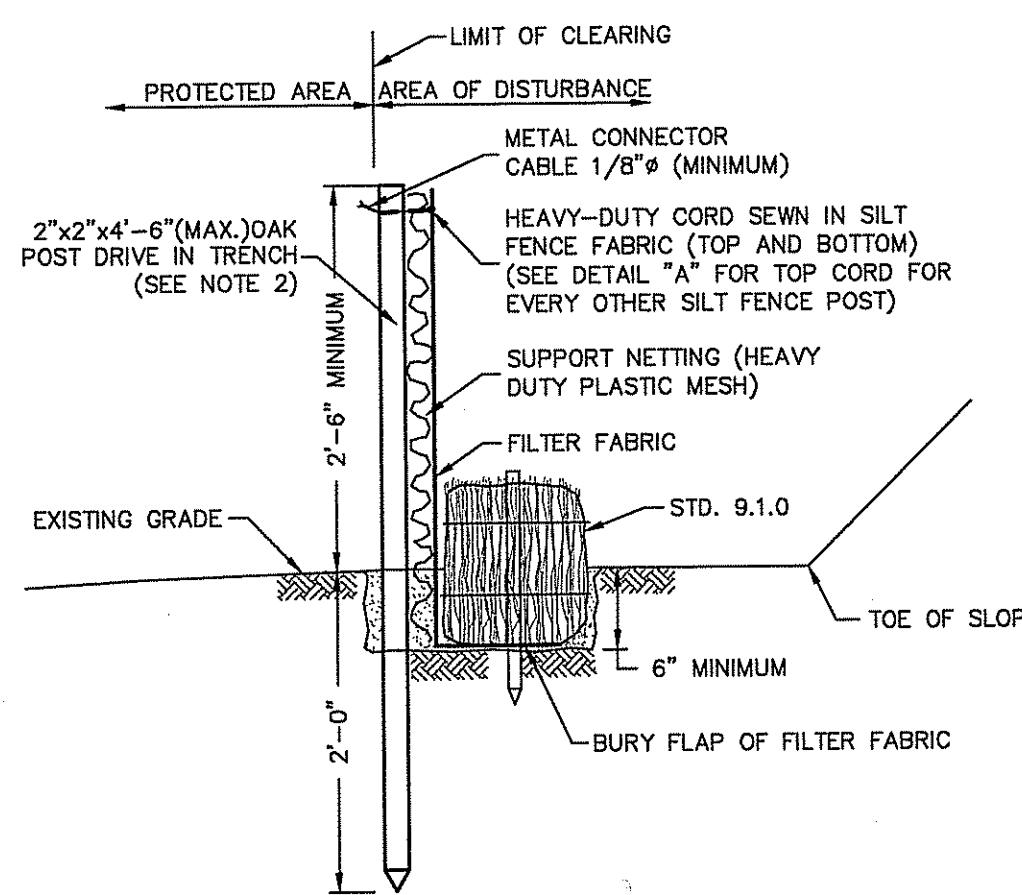
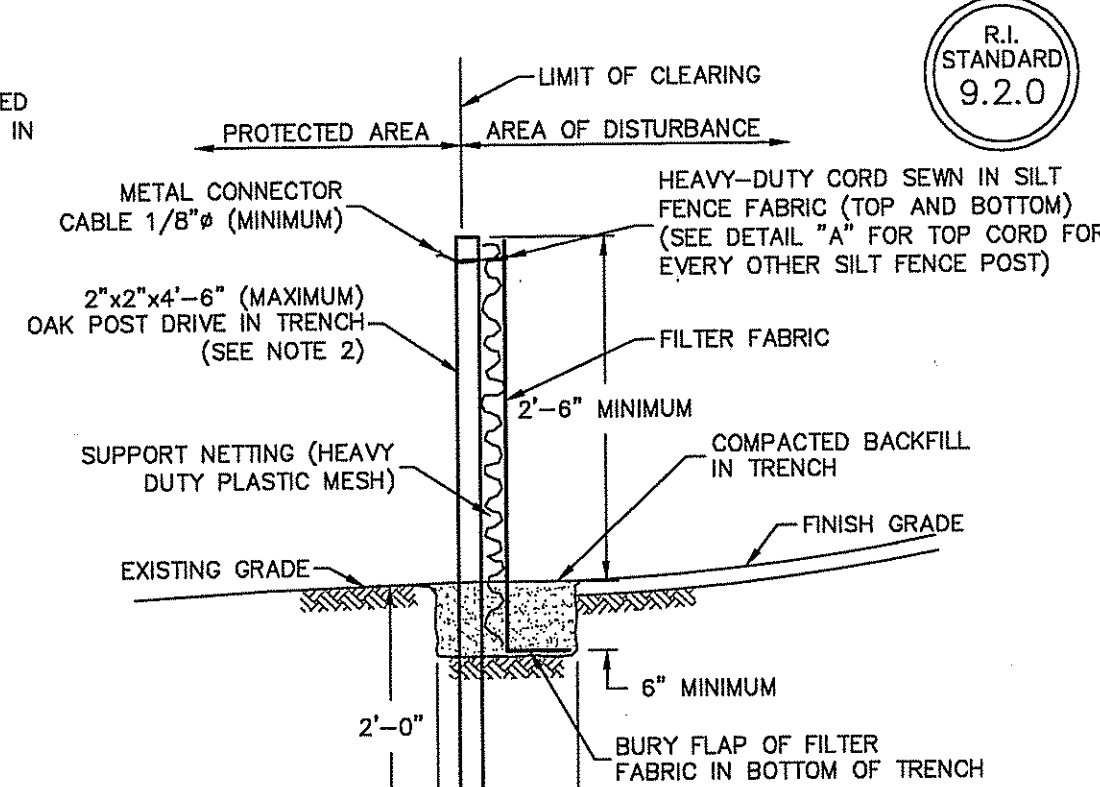
1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12."
4. FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED.
5. SAW CUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT & GRINDING TO BE DISPOSED OF IN THE PIT.
6. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE WATERS.
7. MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

CONCRETE WASHOUT AREA
(NOT TO SCALE)

- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. 2"x2"x4"-6" (MAXIMUM) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x1"x4"-6" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.

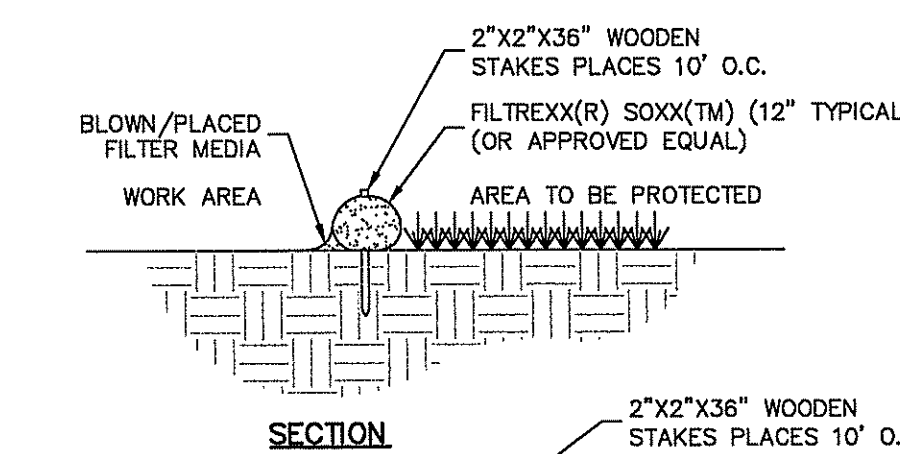


Silt Fence Detail
NOT TO SCALE



Baled Hay Erosion Check & Silt Fence Combined
NOT TO SCALE

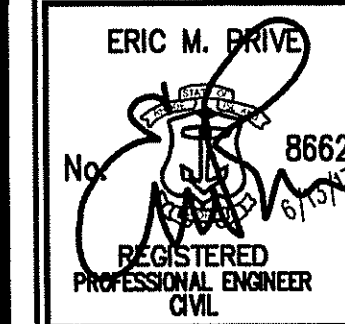
- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. STD. 9.1.0 IS INSTALLED "TIGHT" AGAINST SILT FENCE. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICE. SILT FENCE FABRIC SHALL NOT BE SLIT. STD. 9.1.0 POST SHALL BE DRIVEN THROUGH SILT FENCE FABRIC. 2"x2"x4"-6" (MAXIMUM) OAK POST FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x1"x4"-6" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE AND BALED HAY SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.
 5. TO BE LOCATED AT ALL BASIN OUTFALLS.



NOTES:

1. ALL MATERIAL TO MEET FILTERREXX(R) SPECIFICATIONS
2. FILTER MEDIA(TM) FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPersed ON SITE, AS DETERMINED BY ENGINEER
4. STAKES ARE NOT TO BE USED IN PAVEMENT AREAS
5. SELF WEIGHT OF FILTERREXX SYSTEM IS ADEQUATE TO PREVENT SYSTEM OF MOVEMENT ONCE POSITIONED ALONG AREA SHOWN IN PLAN ABOVE.
6. CONTRACTOR TO PLACE FILTERREXX SEDIMENT CONTROL OR EQUAL AROUND ALL CURB INLET LOCATIONS AS SPECIFIED ON PLANS.

Filterrexx Sediment Control or Approved Equal
NOT TO SCALE



This regulatory submission set shall not be used for construction purposes unless stamped, issued for construction, and signed by a Diprete Engineering representative.
The contractor is responsible for all of the means, methods, safety precautions and requirements, and OSHA conformance in the implementation of this plan and design.

No.	Date	Description	By
1	06/13/2017	RDMA Permit Modification Submission	JAC
2	07/27/2017	Final Plan Submission	JAC
3	08/02/2017	RDMA Permit Modification Submission	JAC
4	08/06/2018	RDMA Permit Modification Submission	JAC
5	08/29/2018	RDMA Permit Modification Submission	JAC
6	08/29/2018	RDMA Permit Modification Submission	JAC
7	08/29/2018	RDMA Permit Modification Submission	JAC
8	08/29/2018	RDMA Permit Modification Submission	JAC
9	08/29/2018	RDMA Permit Modification Submission	JAC
10	08/29/2018	RDMA Permit Modification Submission	JAC

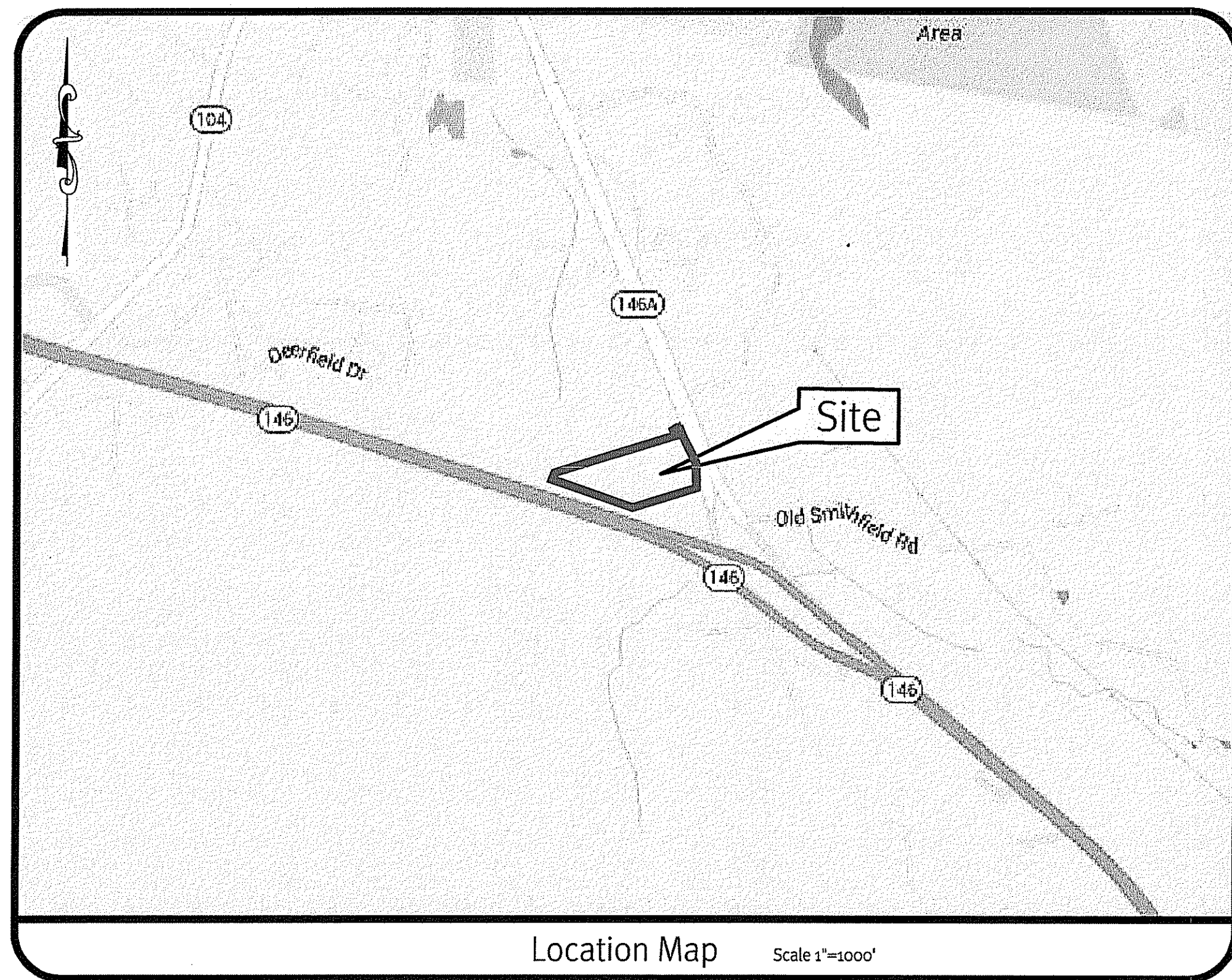
Detail Sheet
435 Eddie Dowling Highway
Assessor's Plat 13 Lot 104
North Smithfield, Rhode Island
Applicant: **Boardwalk Storage Solutions, LLC**
44 Wood Avenue, Suite 1, Mansfield, MA 02048
tel 508-337-9935 fax 508-337-9937
DE Job No: 23-02-881 Copyright 2017 by Diprete Engineering Associates, Inc.

RIDEM Preliminary Determination Submission

435 Eddie Dowling Highway

435 Eddie Dowling Highway
North Smithfield, RI 02896

Assessor's Plat 13 Lot 104



Sheet Index

1. Cover Sheet
2. Aerial & USGS Map
1. of 1. ALTA/ACSM Land Title Survey
4. Site Layout
5. Grading and Utility Plan
6. Detail Sheet
- LS-1. Landscape Plan (Not Included)

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED **NOV 18 2016** FILE # **76-0291**
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

Signature of Eric M. Drive

O&M

The Operations and Maintenance Plan (O&M) is a required document with this plan set and must be maintained by the contractor and owner onsite.

RIDOT

The Proposed Improvements Will Not Increase the Rate of Stormwater Runoff Onto the State Highway. All Work Within the State Right of Way Must Conform to the RI Standard Specifications, Details, and Addendums.

DiPrete Engineering
Two Stafford Court Cranston, RI 02920
tel. 401-943-1000 fax. 401-464-6006 www.diprete-eng.com
BOSTON • PROVIDENCE • NEWPORT

ERIC M. DRIVE
No. 8662
REGISTERED PROFESSIONAL ENGINEER
CIVIL
Environmental Management
SEP 29 2016
Office of Water Resources

This regulatory submission set shall not be used for construction purposes unless stamped, issued for construction, and signed by a DiPrete Engineering representative.

The contractor is responsible for all of the means, methods, safety precautions and requirements, and OSHA conformance in the implementation of this plan and design.

No.	Date	Description	By
1	9-16-2016	Public Freshwater Wetlands Comments	B.L.D.
2	9-23-16	Pre-application Submission	N.E.H.
3	9-23-16	Pre-application Submission (Draft)	N.E.H.
4	9-23-16	Consent Part (Final) Comments	B.L.D.

Drawn By: B.L.D.

Cover Sheet
435 Eddie Dowling Highway
Assessor's Plat 13 Lot 104
North Smithfield, Rhode Island
Applicant
Boardwalk Storage Solutions, LLC
44 Wood Avenue, Suite 1, Mansfield, MA 02048
tel. 508-337-0938 fax. 508-337-9037
DE Job No. 2379-002-001 Copyright 2016 by DiPrete Engineering Associates, Inc.

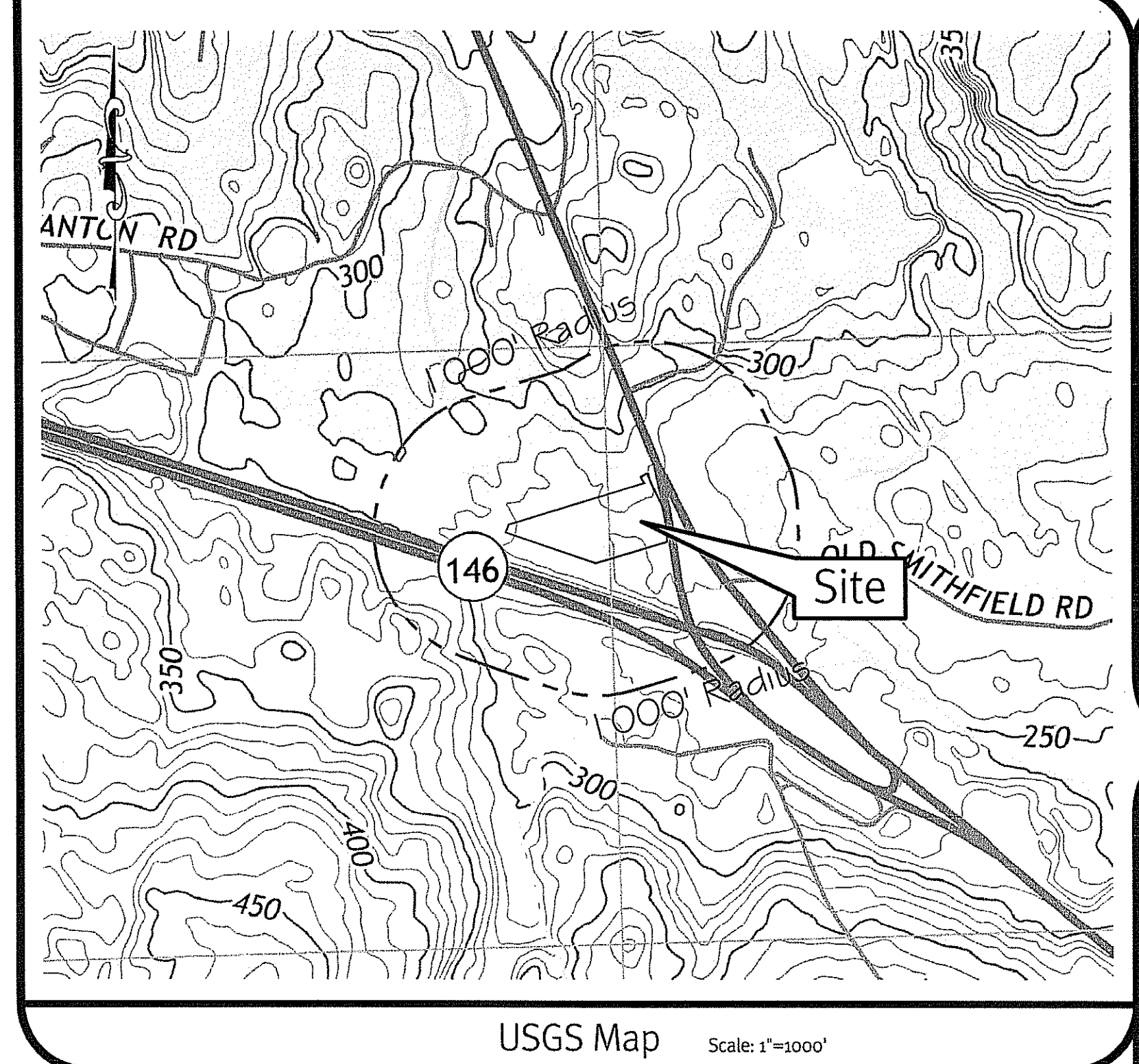
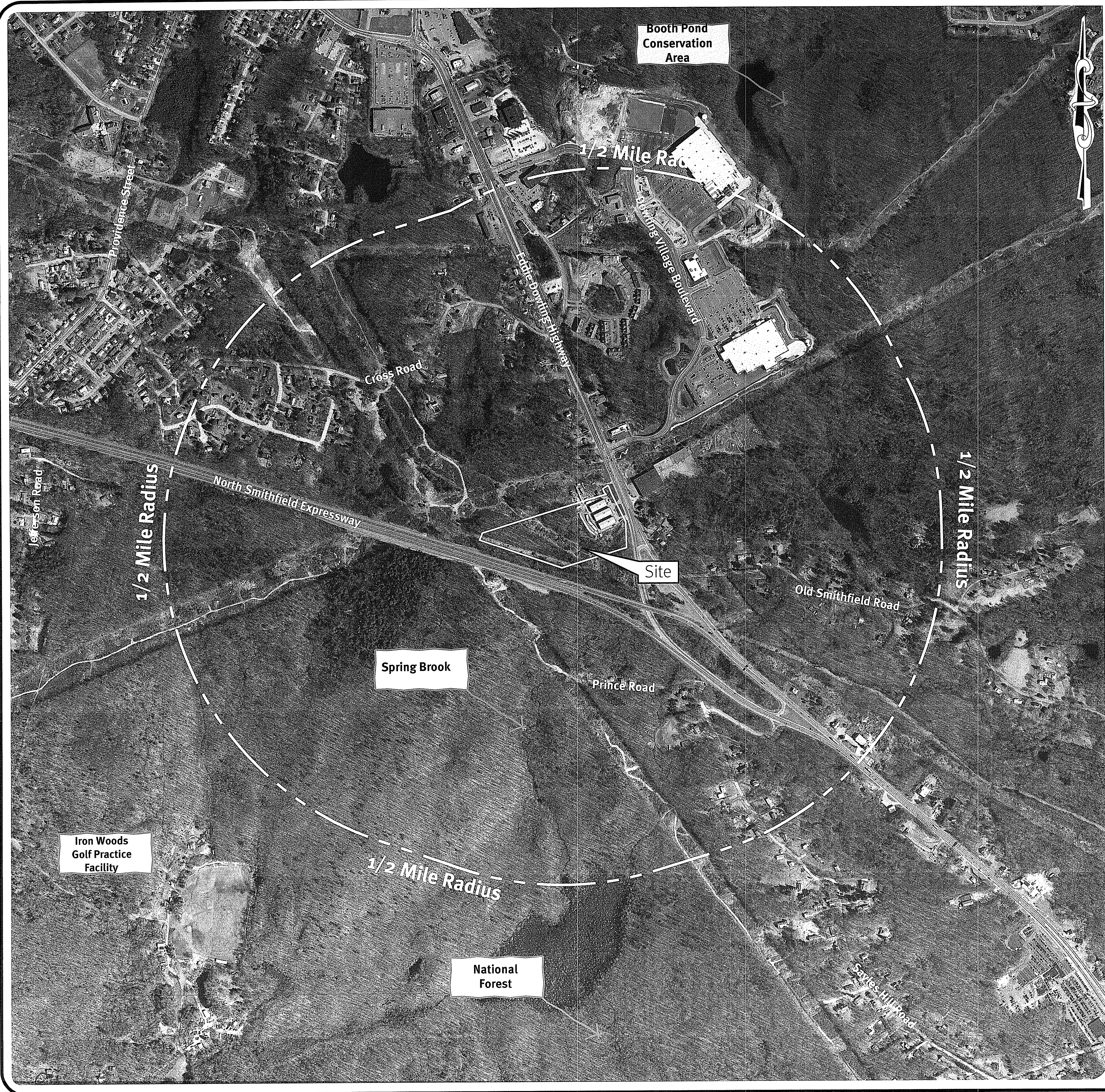
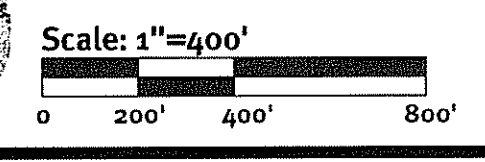


Photo obtained from the RI-GIS.

Legend:

- PROPERTY LINE
- 1000' RADIUS LINE
- HALF MILE RADIUS LINE



DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
 FIVE STAR
 APPROVED FOR CONSTRUCTION
 NOV 18 2016
 /6-0207
 APPROVED FOR CONSTRUCTION SITE

DiPrete Engineering
 Two Stafford Court Cranston, RI 02920
 tel 401-943-1000 fax 401-664-6006 www.diprete-eng.com

Boston • Providence • Newport

ERIC M. PRIVE
 No. 8662
 REGISTERED PROFESSIONAL ENGINEER CIVIL

Environmental Management
 SEP 29 2016
 Office of Water Resources

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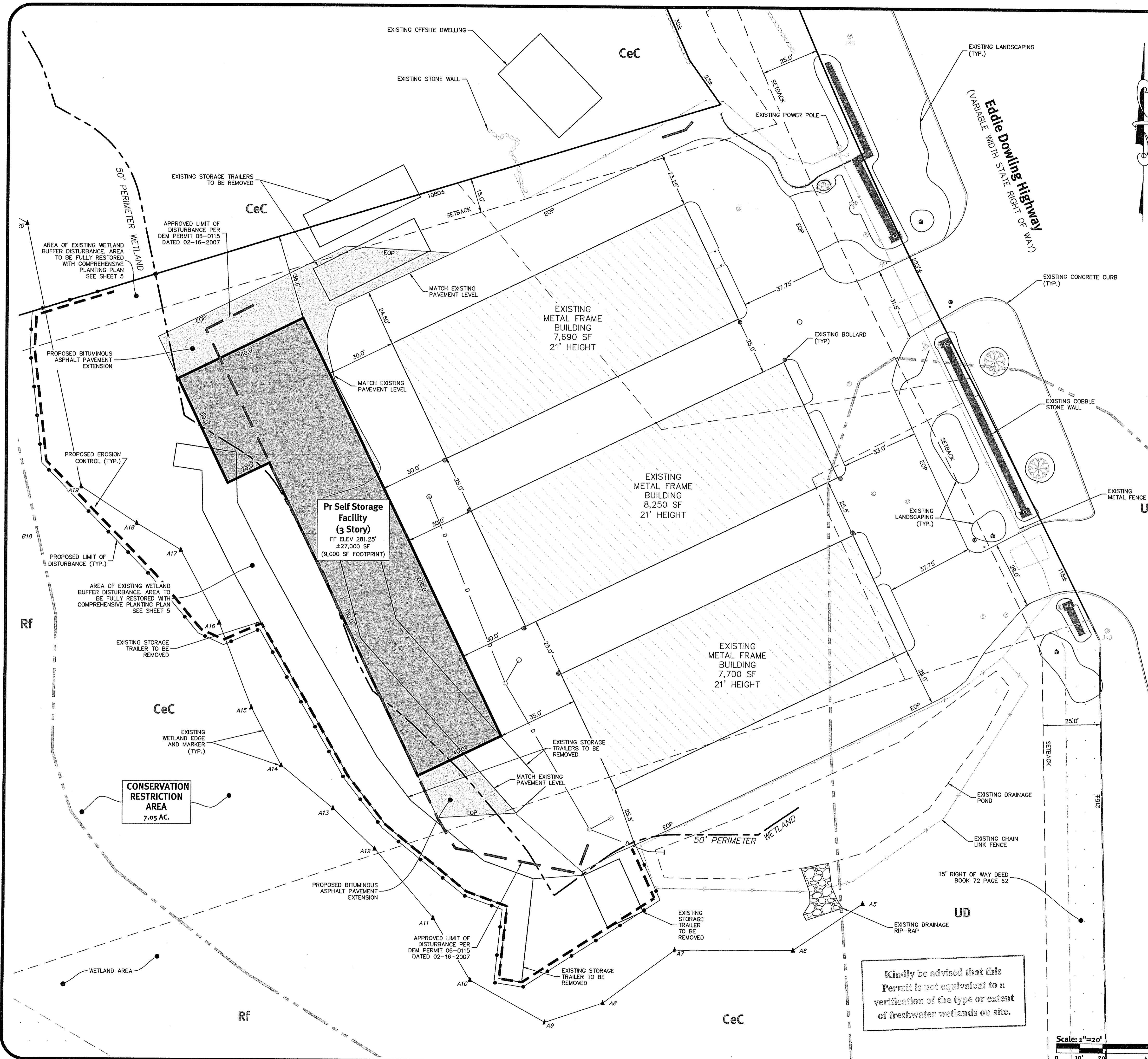
No.	Date	Description	By:	Design By: B.I.D.
1	9/16/2016	BIDDING PREPARATION	B.I.D.	
2	9/23/16	Pre-Application Submission	B.I.D.	
3	10/26/16	Pre-Application Submission	B.I.D.	
4	11/16/16	Final Plan (BIDDING)	B.I.D.	

Aerial & USGS Map
435 Eddie Dowling Highway
 North Smithfield, Rhode Island
Boardwalk Storage Solutions, LLC
 44 Wood Avenue, Suite 1, Mansfield, MA 02048
 tel 508-337-0935 fax 508-337-9037

DE Job No: 2379-002-801 Copyright 2016 by DiPrete Engineering Associates, Inc.

SHEET 2 OF 6

z:\demain\project\3379-002-801\ancd\drawings\3379-002-801.dwg Plotter: 9/22/2016



- General Notes:**
- THE SITE IS LOCATED ON THE TOWN OF NORTH SMITHFIELD, PROVIDENCE COUNTY, RHODE ISLAND, ASSESSOR'S PLAT 13 LOT 104.
 - THE SITE IS APPROXIMATELY 10.11± ACRES AND IS ZONED BUSINESS - HIGHWAY (BH) PER THE TOWN ZONING MAP.
 - THE OWNER OF THE SITE IS : NEW ENGLAND SELF STORAGE LLC
435 EDDIE DOWLING HIGHWAY
NORTH SMITHFIELD, RI 02896
 - THIS SITE IS LOCATED IN FEMA FLOOD ZONES X. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44007C0157G, MAP REVISED MARCH 2, 2009.
 - THE BOUNDARY LINE AS SHOWN ON THIS PLAN DEPICTS A CLASS I SURVEY AS PERFORMED BY DIPRETE ENGINEERING ASSOCIATES, INC. THE PLAN ITSELF CONFORMS ONLY TO A CLASS III STANDARD AS ADOPTED BY RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. THIS PLAN IS NOT TO BE CONSTRUED AS A CLASS I BOUNDARY PLAN AND IS NOT SUITABLE FOR RECORDING AS A CLASS I STANDARD.
 - SOIL MAPPING OBTAINED FROM SOIL SURVEY OF RHODE ISLAND, PREPARED BY U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
 - THE SITE IS WITHIN A:
A NON-COMMUNITY WELL HEAD PROTECTION AREA (RIDEM)
 - THE SITE IS NOT WITHIN A:
NATURAL HERITAGE AREAS (RIDEM)
NARROW RIVER SPECIAL AREA MANAGEMENT PLAN (ORMC)
SALT PONDS SPECIAL AREA MANAGEMENT PLAN (ORMC)
NORTH SMITHFIELD GROUNDWATER AQUIFER PROTECTION OVERLAY DISTRICT
 - THERE IS NO NEW WATER SERVICE PROPOSED.
 - THERE IS NO NEW SEWER SERVICE PROPOSED.
 - THE OPERATIONS AND MAINTENANCE PLAN (O&M) IS CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/ OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET.
 - DETAILED SOIL EROSION AND SEDIMENT CONTROL MEASURES TO BE INCORPORATED AT THE PRELIMINARY DESIGN STAGE AND WILL CONFORM TO RIDEM BEST MANAGEMENT PRACTICES.
 - THE PROPOSED BUILDING IS A THREE STORY BUILDING WITH A 9,000 S.F. FOOTPRINT. THE TOTAL USABLE FLOOR AREA IS 27,000 S.F.
 - THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF NORTH SMITHFIELD SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDEM BEST MANAGEMENT PRACTICES.
 - A CONSERVATION RESTRICTION AREA IS PROPOSED AT THE BACK OF THE SITE. IT IS DELINEATED FROM THE LIMIT OF WORK TO THE EXTENT OF THE BACK PROPERTY LINES. THIS AREA CONSISTS OF 7.05 ACRES.
 - THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.

Development Data:

TOTAL SITE AREA:	10.11 ± ACRES
TOTAL NUMBER OF BUILDINGS:	4
TOTAL DEVELOPABLE AREA:	2.50 ± ACRES

Dimensional Regulations:

CURRENT ZONING:	BH - BUSINESS HIGHWAY
MINIMUM FRONT:	25'
MINIMUM SIDE YARD:	15'
MINIMUM REAR YARD:	30'
MAXIMUM STRUCTURE HEIGHT:	35'
MAXIMUM LOT COVERAGE:	25%

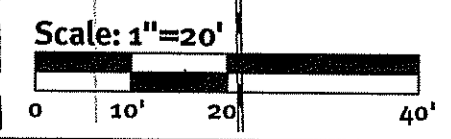
- Layout and Materials:**
- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
 - SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
 - SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDE WALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
 - PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
 - CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Legend:

PROPERTY LINE	---
SETBACK	- - - - -
BUILDING FOOTPRINT	■
SOIL BOUNDARY LINE	--- HkC --- --- CaD ---
EDGE OF PAVEMENT	—+—+—+—
ASPHALT PAVEMENT	▨

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

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 18 2015 FILE # 16-0201
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE



Diprete Engineering
Two Stafford Court Cranston, RI 02920
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Boston • Providence • Newport

ERIC M. DIPRETE
No. 8662
REGISTERED PROFESSIONAL ENGINEER CIVIL
Environmental Management
SEP 29 2015
Office of Water Resources

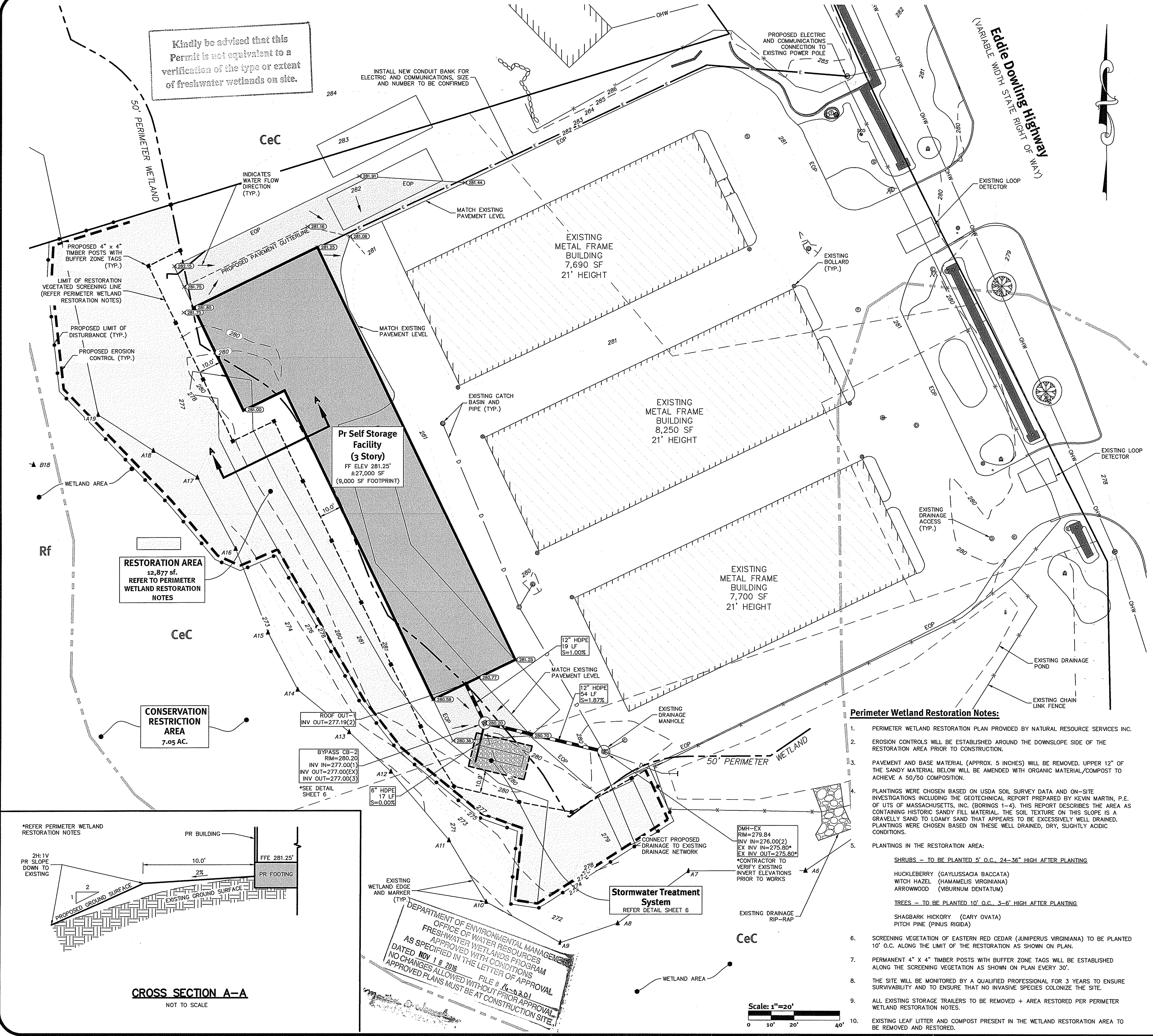
This regulatory submission set shall not be used for any other purpose unless stamped/issued for construction by the contractor signed by a Diprete Engineering representative.

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.

No.	Date	Description	By
1	02-16-2016	RIDEM Freshwater Wetlands Comments	Design By: B.L.D.
2	08-20-2016	Preliminary Determination Submission	
3	02-26-2016	Pre-Application Submission (Draft)	
4	04-14-2016	Revised Concept Plan (Revised Comments)	

Site Layout
435 Eddie Dowling Highway
North Smithfield, Rhode Island
Boardwalk Storage Solutions, LLC
44 Wood Avenue, Suite 1, Mansfield, MA 02048
tel 508-337-0935 fax 508-337-9937
DE Reg No: 2379-002-801 Copyright 2015 by Diprete Engineering Associates, Inc.

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



RESTORATION AREA
13,877 sf.
REFER TO PERIMETER WETLAND RESTORATION NOTES

CONSERVATION RESTRICTION AREA
7.05 AC.

Pr Self Storage Facility
(3 Story)
FF ELEV 281.25'
±27,000 SF
(9,000 SF FOOTPRINT)

EXISTING METAL FRAME BUILDING
7,690 SF
21' HEIGHT

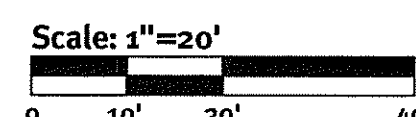
EXISTING METAL FRAME BUILDING
8,250 SF
21' HEIGHT

EXISTING METAL FRAME BUILDING
7,700 SF
21' HEIGHT

Stormwater Treatment System
REFER DETAIL SHEET 6

CROSS SECTION A-A
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
APPROVED WETLANDS PROGRAM
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 18 2016
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL.
APPROVED PLANS MUST BE AT CONSTRUCTION SITE.



Grading and Utility Notes:

- THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE. THE CONTRACTOR IS TO NOTIFY THE DESIGN ENGINEER, THE DIRECTOR OF PUBLIC WORKS, THE TOWN ENGINEER, AND RI DEPT. OF ENVIRONMENTAL MANAGEMENT AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONSTRUCTION TO COMMENCE FALL 2016 OR UPON RECEIPT OF ALL NECESSARY APPROVALS.
- ALL WORK PERFORMED HEREIN SHALL BE GOVERNED BY THE RHODE ISLAND STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND TOWN OF NORTH SMITHFIELD STANDARD SPECIFICATIONS AND DETAILS.
- THE CONTRACTOR SHALL COORDINATE WITH ALL OF THE APPROPRIATE UTILITY COMPANIES FOR AGREEMENTS TO SERVICE THE PROPOSED BUILDING. THIS SHALL BE DONE PRIOR TO CONSTRUCTION. NO REPRESENTATIONS ARE MADE BY DIPRETE ENGINEERING THAT UTILITY SERVICE IS AVAILABLE.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING FINISH GRADING AND DRAINAGE AROUND THE BUILDING TO ENSURE SURFACE WATER AND/OR GROUND WATER ARE DIRECTED AWAY FROM THE STRUCTURE.
- PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- ALL PROPOSED UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH APPLICANT, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
- ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION INCLUDING ALL REVISIONS.
- ALL RETAINING WALLS AND STEEP SLOPES ARE SHOWN SCHEMATICALLY ONLY AND DIPRETE ENGINEERING IS NOT PROVIDING THE DESIGN OF THESE ITEMS. THE ACTUAL WALLS AND SLOPES ARE TO BE BUILT UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER AND CERTIFIED TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT. SHOP DRAWINGS TO BE SUBMITTED PRIOR TO CONSTRUCTION.
- ALL CUT AND FILL AREAS ARE TO BE DONE UNDER THE DIRECTION OF A GEOTECHNICAL ENGINEER WITH TESTING AND CERTIFICATION TO BE PROVIDED TO THE APPLICANT AT THE COMPLETION OF THE PROJECT. DIPRETE ENGINEERING ASSOCIATES, INC. IS NOT PROVIDING THE FILL SPECIFICATION, GEOTECHNICAL ENGINEERING, STRUCTURAL ENGINEERING SERVICES, OR SUPERVISION AS PART OF THESE DRAWINGS.
- NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
- ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
- ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE IN AN ACCEPTABLE MANNER AT AN APPROVED LOCATION. STUMPS SHALL BE GROUND ON SITE OR REMOVED.
- NO STUMP DUMPS ARE PROPOSED ON SITE.
- ALL EXISTING UTILITIES SHOWN ARE FROM VISIBLE INFORMATION, DRAWINGS FROM OTHERS, OR INFORMATION PROVIDED TO DIPRETE ENGINEERING AND ARE SUBJECT TO CHANGE. THE LOCATIONS OF UNDERGROUND PIPES AND CONDUITS HAVE BEEN DETERMINED FROM AFOREMENTIONED PLANS OF RECORD AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE PROPER UTILITY ENGINEERING DEPARTMENTS SHALL BE CONTACTED AND THE ACTUAL LOCATION OF SUBSURFACE STRUCTURES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR. CALL THE DIG SAFE CENTER TOLL FREE AT 1-888-344-7233 72 HOURS PRIOR TO EXCAVATION. NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO EXCAVATION. ANY DAMAGE TO UTILITIES WHICH ARE SHOWN ON THE PLANS OR DETAILED BY DIG SAFE SHALL BE THE SITE CONTRACTORS RESPONSIBILITY.
- IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

Traffic Notes:

- DURING CONSTRUCTION TRAFFIC CONES ARE TO BE USED FOR SEPARATION OF ACTIVE TRAFFIC FROM WORK ZONE.
- DURING CONSTRUCTION FLAGGERS SHALL BE EMPLOYED TO ENSURE SAFETY FOR INTERACTION OF CONSTRUCTION VEHICLES AND ACTIVE TRAFFIC.
- ALL SIGNS, FLAGGERS, TRAFFIC CONTROL DEVICES, AND TEMPORARY TRAFFIC ZONE ACTIVITIES SHALL MEET THE REQUIREMENTS OF THE MUTCD LATEST EDITION AND SUBSEQUENT ADDENDA.
- TEMPORARY CONSTRUCTION SIGNS SHALL BE MOUNTED ON RIDOT APPROVED SUPPORTS AND SHALL BE REMOVED OR COVERED WHEN NOT APPLICABLE.
- ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.

As-Built Notes:

- ALL COMPONENTS OF THE DRAINAGE MUST BE ASBUILT PRIOR TO COVERING. ENGINEER TO BE NOTIFIED PRIOR TO COVERING SURVEY ASBUILT LOCATIONS. ENGINEER WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.

ADA Notes:

- ALL IMPROVEMENTS SHALL COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)" BY THE DEPARTMENT OF JUSTICE.
- MAXIMUM RUNNING SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL BE 4.5% OR 0.045' /', AND MAXIMUM CROSS SLOPE ALONG ALL ACCESSIBLE PATHS OF TRAVEL SHALL BE 0.015' /'.
- MAXIMUM SLOPE IN ALL DIRECTIONS FOR ALL ACCESSIBLE PARKING SPACES AND LOADING AREAS SHALL BE 0.015' /'.
- A 5'x5' LANDING WITH A MAXIMUM SLOPE OF 1.5% OR 0.015' /' IN ALL DIRECTIONS SHALL BE PROVIDED IN FRONT OF ALL PUBLICLY ACCESSIBLE BUILDING ENTRANCES/EGRESSES.
- SIDEWALK CURB RAMPS SHALL COMPLY WITH DIPRETE ENGINEERING DETAILS THAT MEET OR EXCEEDING RIDOT STANDARDS 43.3.0, 43.3.1, & 43.4.1 AS SHOWN ON THE DETAIL SHEET.
- PLEASE NOTE THAT THE GRADING AND PLAN VIEWS AS WELL AS THE STANDARD DETAILS MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS AND RAMPS TO ADA STANDARDS. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS ADA STANDARDS. IN THE EVENT OF ANY CONFLICTS THE CONTRACTOR SHALL NOTIFY THE DESIGNER BEFORE CONSTRUCTION FOR ADVICE IN FINDING A RESOLUTION.

Soil Information:

(REFERENCE: SOIL SURVEY OF RHODE ISLAND, U.S.D.A. SOIL CONSERVATION SERVICE)

SOIL NAME	DESCRIPTION
CeC	CANTON AND CHARLTON FINE SANDY LOAMS, VERY ROCKY, 3 TO 15 PERCENT SLOPES
Rf	RIDGEBURY, WHITMAN, AND LEICESTER EXTREMELY STONY FINE SANDY LOAMS
UD	UDORHTENTS-URBAN LAND COMPLEX

Perimeter Wetland Restoration Notes:

- PERIMETER WETLAND RESTORATION PLAN PROVIDED BY NATURAL RESOURCE SERVICES INC.
- EROSION CONTROLS WILL BE ESTABLISHED AROUND THE DOWNSLOPE SIDE OF THE RESTORATION AREA PRIOR TO CONSTRUCTION.
- PAVEMENT AND BASE MATERIAL (APPROX. 5 INCHES) WILL BE REMOVED. UPPER 12" OF THE SANDY MATERIAL BELOW WILL BE AMENDED WITH ORGANIC MATERIAL/COMPOST TO ACHIEVE A 50/50 COMPOSITION.
- PLANTINGS WERE CHOSEN BASED ON USDA SOIL SURVEY DATA AND ON-SITE INVESTIGATIONS INCLUDING THE GEOTECHNICAL REPORT PREPARED BY KEVIN MARTIN, P.E. OF UTS OF MASSACHUSETTS, INC. (BORINGS 1-4). THIS REPORT DESCRIBES THE AREA AS CONTAINING HISTORIC SANDY FILL MATERIAL. THE SOIL TEXTURE ON THIS SLOPE IS A GRAVELLY SAND TO LOAMY SAND THAT APPEARS TO BE EXCESSIVELY WELL DRAINED. PLANTINGS WERE CHOSEN BASED ON THESE WELL DRAINED, DRY, SLIGHTLY ACIDIC CONDITIONS.
- PLANTINGS IN THE RESTORATION AREA:
 SHRUBS - TO BE PLANTED 5' O.C., 24-36" HIGH AFTER PLANTING
 HUCKLEBERRY (GAYLUSSACIA BACCATA)
 WITCH HAZEL (HAMMELIS VIRGINIANA)
 ARROWWOOD (VIBURNUM DENTATUM)
 TREES - TO BE PLANTED 10' O.C., 3-6" HIGH AFTER PLANTING
 SHAGBARK HICKORY (CARY OVATA)
 PITCH PINE (PINUS RIGIDA)
- SCREENING VEGETATION OF EASTERN RED CEDAR (JUNIPERUS VIRGINIANA) TO BE PLANTED 10' O.C. ALONG THE LIMIT OF THE RESTORATION AS SHOWN ON PLAN.
- PERMANENT 4" X 4" TIMBER POSTS WITH BUFFER ZONE TAGS WILL BE ESTABLISHED ALONG THE SCREENING VEGETATION AS SHOWN ON PLAN EVERY 30'.
- THE SITE WILL BE MONITORED BY A QUALIFIED PROFESSIONAL FOR 3 YEARS TO ENSURE SURVIVABILITY AND TO ENSURE THAT NO INVASIVE SPECIES COLONIZE THE SITE.
- ALL EXISTING STORAGE TRAILERS TO BE REMOVED + AREA RESTORED PER PERIMETER WETLAND RESTORATION NOTES.
- EXISTING LEAF LITTER AND COMPOST PRESENT IN THE WETLAND RESTORATION AREA TO BE REMOVED AND RESTORED.

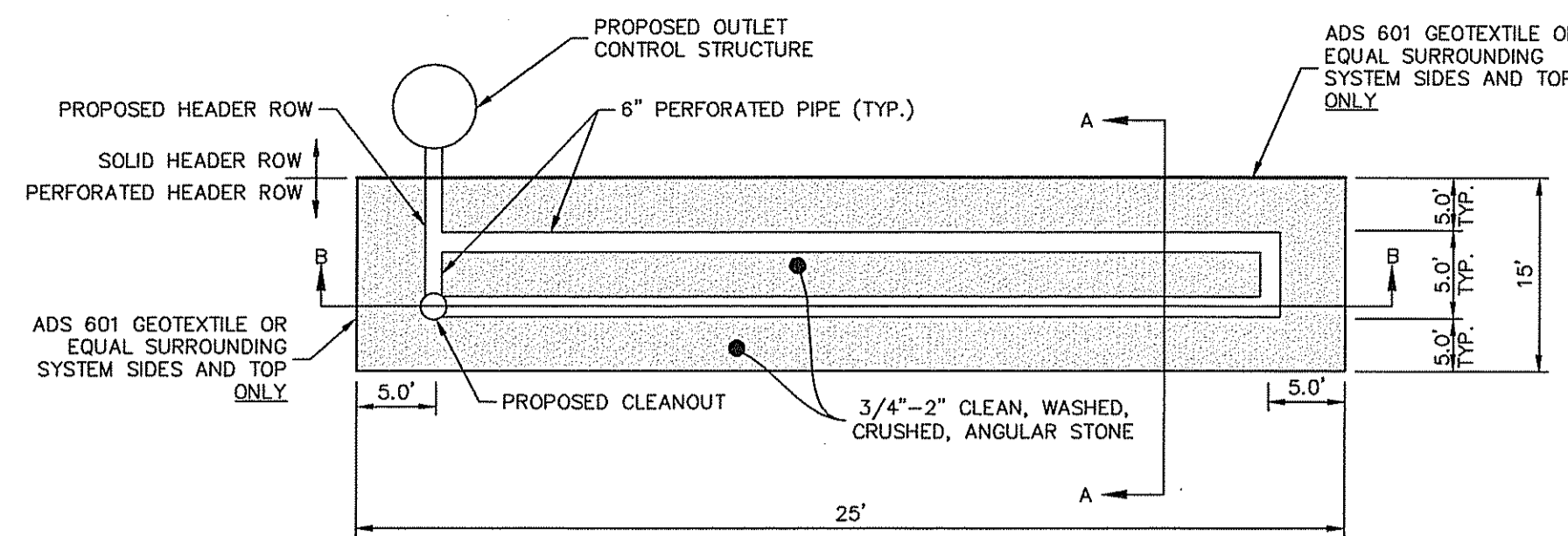
DiPrete Engineering
 Two Stafford Court Cranston, RI 02920
 Tel: 401-943-1000 Fax: 401-943-6066 www.diprete-eng.com
Boston • Providence • Newport

ERIC M. DRIVE
 No. 8662
 REGISTERED PROFESSIONAL ENGINEER CIVIL
 Environmental Management
 SEP 29 2016
 Office of Water Resources

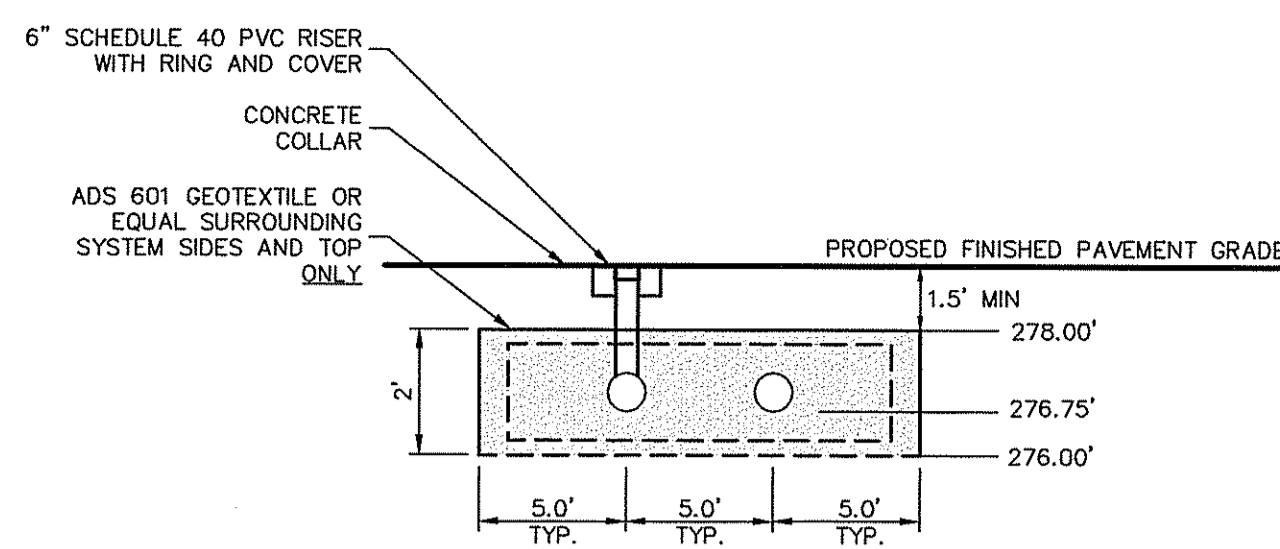
This regulatory submission set shall not be used for construction purposes unless stamped 'Issued for Construction' and signed by a DiPrete Engineering representative.
 The contractor is responsible for all of the means, methods, safety precautions and requirements in this plan and design.

No.	Date	Description	By:	Design By: B.I.D.
1	9-26-2016	REVISED: Wetlands Comments	B.I.D.	B.I.D.
2	9-26-2016	Pre-Application Submission	B.I.D.	B.I.D.
3	9-26-2016	Pre-Application Submission	B.I.D.	B.I.D.
4	9-26-2016	Pre-Application Submission	B.I.D.	B.I.D.
5	9-26-2016	Pre-Application Submission	B.I.D.	B.I.D.

Grading and Utility Plan
435 Eddie Dowling Highway
 Applicant: Boardwalk Storage Solutions, LLC
 14 Wood Avenue, Suite 1, Mansfield, MA 02048
 Tel: 508-237-9235 Fax: 508-237-9237
 DE Job No: 2379-002-B01 Copyright 2016 by DiPrete Engineering Associates, Inc.
SHEET 5 OF 6



**TYPICAL WATER QUALITY SYSTEM
TOP PLAN VIEW**
NOT TO SCALE

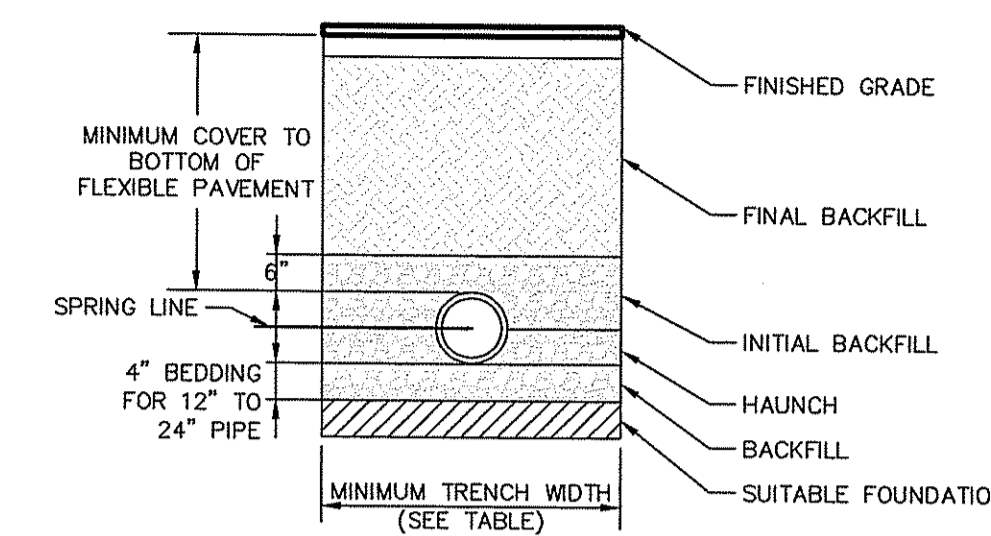


**TYPICAL WATER QUALITY SYSTEM
SECTION A-A**
NOT TO SCALE

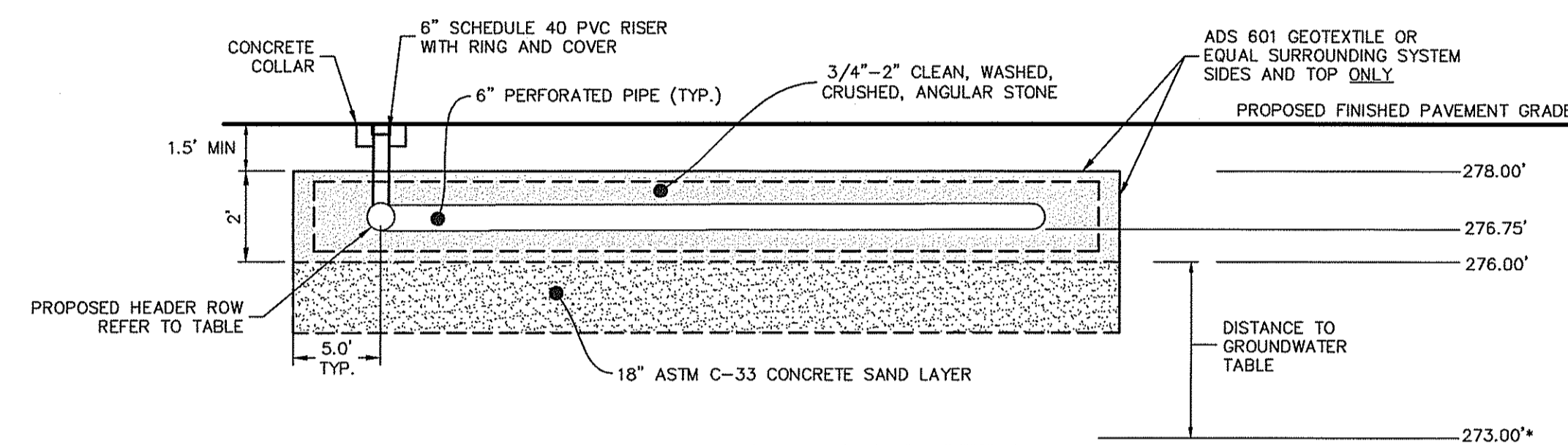
HDPE INSTALLATION NOTES:

1. ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS, LATEST EDITION.
2. MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
3. FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL AS SPECIFIED BY THE ENGINEER. AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
4. BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER. MINIMUM BEDDING THICKNESS SHALL BE 4" (100MM) FOR 4"-24" (100MM-600MM); 6" (150MM) FOR 30"-60" (750MM-900MM).
5. INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6" ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
6. MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" DIAMETER PIPE AND 24" OF COVER FOR 54"-60" DIAMETER PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT.

PIPE DIAMETER	MINIMUM TRENCH WIDTH
6"	23"
8"	26"
12"	30"
15"	34"
24"	39"

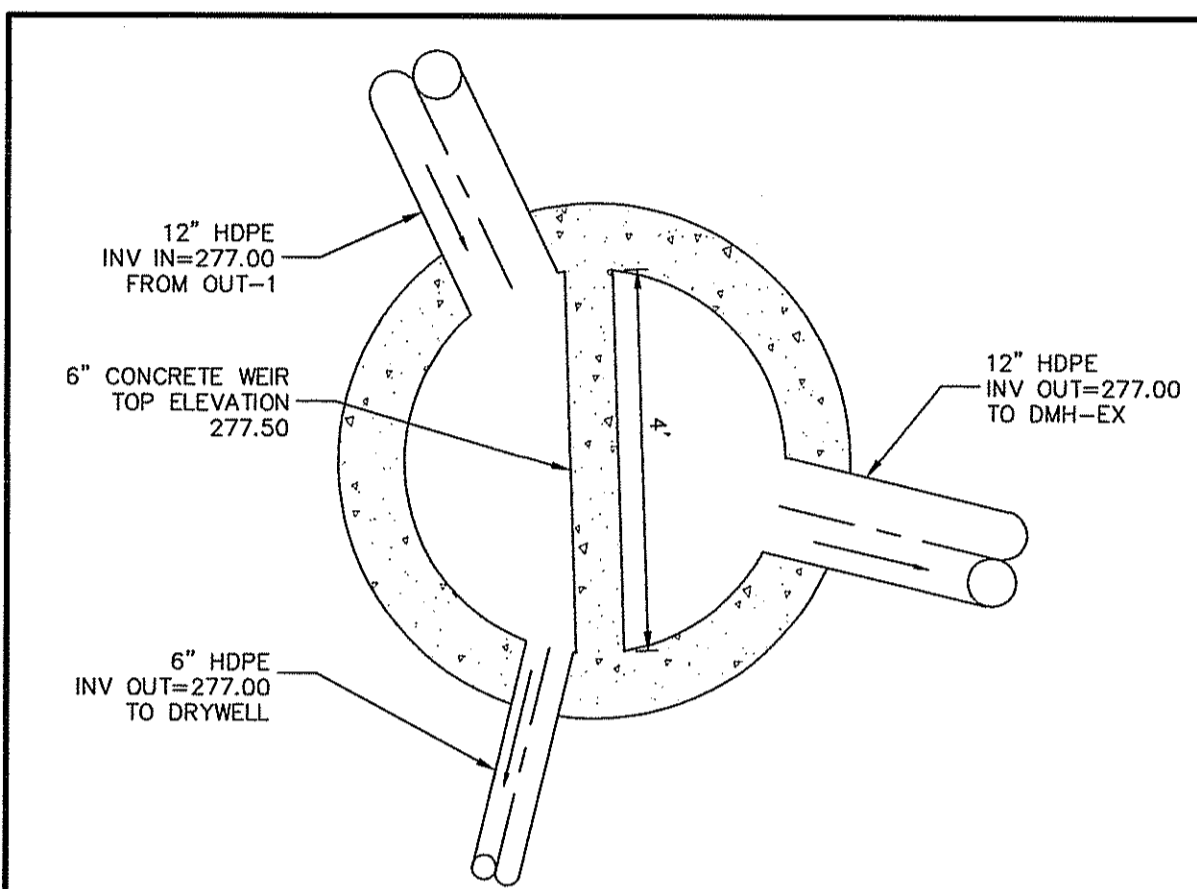


HDPE TRENCH DETAIL
NOT TO SCALE

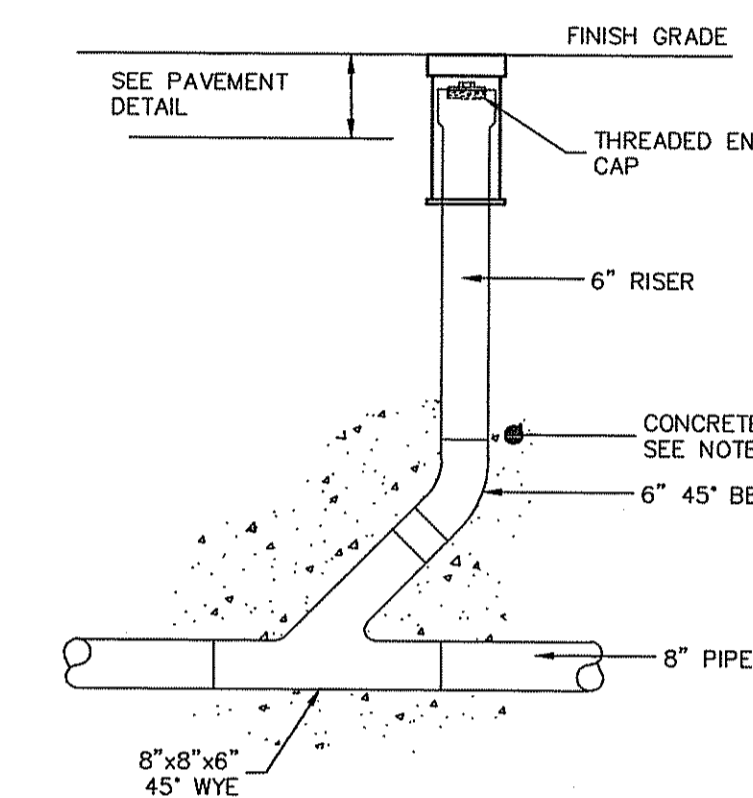


**TYPICAL WATER QUALITY SYSTEM
SECTION B-B**
NOT TO SCALE

*NOTE:
TESTING PERFORMED BY: SOIL EXPLORATION CORP
ON: APRIL 6, 2016
ESTIMATED GW ELEVATION BASED ON ELEVATION OF GROUND SURFACE AT LOCATION OF DRYWELL AND A RECORDED DEPTH OF 7 FEET TO REFUSAL WITHOUT ENCOUNTERING THE GW FROM NEAREST OBSERVATION WELL. NEAREST OBSERVATION WELL WAS TAKEN AT A LATERAL DISTANCE OF APPROXIMATELY 10 FEET FROM THE DRYWELL PERIMETER.



ByPass-CB-2 (4'Ø CATCH BASIN - FLAT TOP)
SCALE 1"=2'

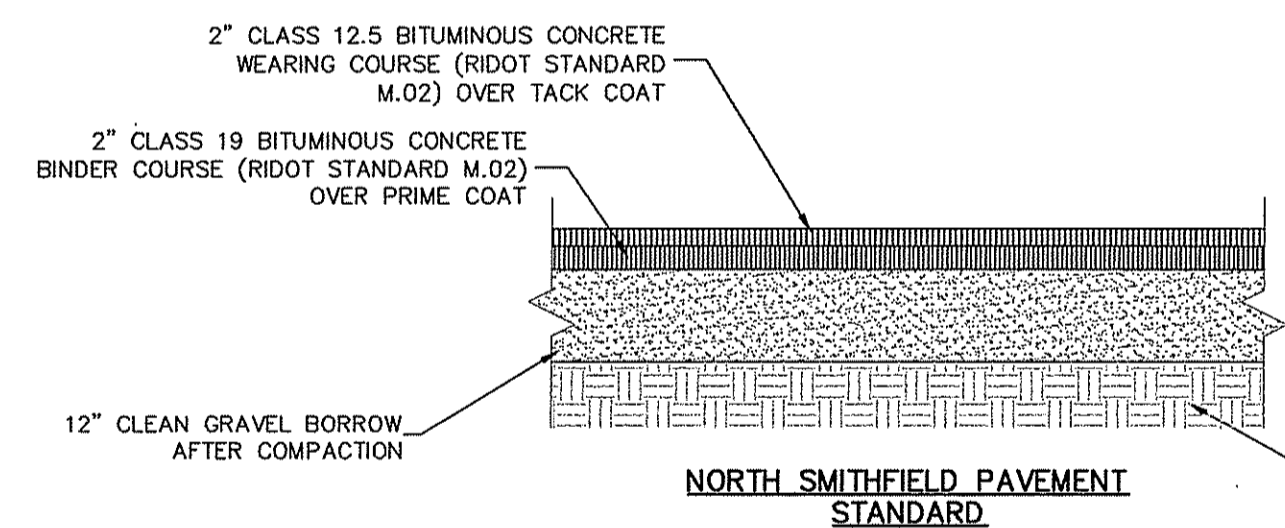


Drain Cleanout (In Pavement)
NOT TO SCALE

NOTES:

1. ENCASE CLEANOUT IN CONCRETE WHEN INVERT IS 12" OR MORE BELOW FINISH GRADE.
2. AT TERMINAL CLEANOUT REPLACE WYE WITH 45° BEND.
3. MONITORING WATER LEVELS WITHIN THE CLEANOUTS AT VARIOUS TIME INTERVALS AFTER A RAINFALL EVENT WILL INDICATE THE EFFECTIVENESS OF THE SYSTEM. IF WATER IS STANDING IN DRAIN 3 DAYS AFTER A STORM EVENT, SYSTEM FAILURE HAS OCCURRED AND WILL REQUIRE REPAIR OR REPLACEMENT OF DRAIN BY THE OWNER.
4. FOLLOWING THE COMPLETION OF CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND THE ASSOCIATED DRAINAGE IMPROVEMENTS, AND THE ACCEPTANCE OF THE WORK BY THE ENGINEER AND THE TOWN OR CITY, THE OWNER SHALL BE RESPONSIBLE TO HAVE A CERTIFIED INSPECTOR CHECK THE DRAINS NO LESS THAN TWICE PER YEAR - ONCE IN THE SPRING AND ONCE IN THE FALL - TO ENSURE THAT THE DRAINS ARE FUNCTIONING PROPERLY.
5. ALL CLEANOUTS SHALL BE SLEEVED WITH A CAST-IRON BOX SET FLUSH WITH THE FINAL GRADE.

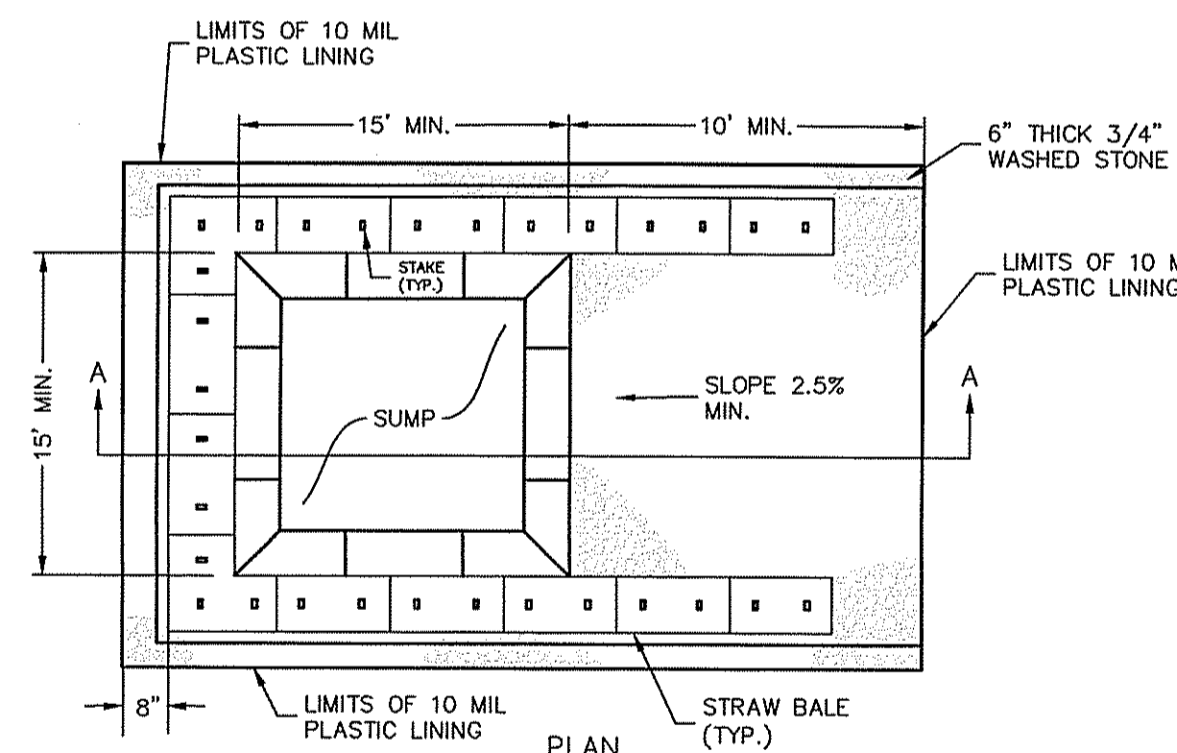
NOTE:
THIS PAVEMENT SECTION DETAIL REFLECTS MINIMUM REQUIREMENTS. ENGINEER TO DETERMINE DESIGN BASED ON GEOTECHNICAL DATA OF SPECIFIC PROJECT AND DAILY TRAFFIC DESIGN REQUIREMENT.



North Smithfield Pavement Standard
NOT TO SCALE

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED NOV 18 2016 FILE # 16-0201
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

WELL-DRAINED SUBGRADE COMPACTED WITH 10-TON ROLLER (SUBGRADE TO BE MODIFIED 95% PROCTOR MINIMUM COMPACTION)



CONCRETE WASHOUT AREA
(NOT TO SCALE)

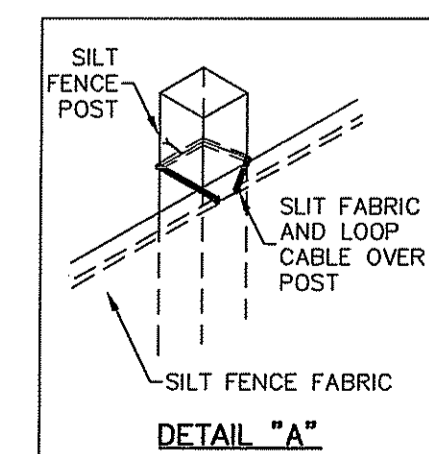
ALL CONCRETE TRUCKS SHALL WASHOUT HERE

WASHOUT SIGN

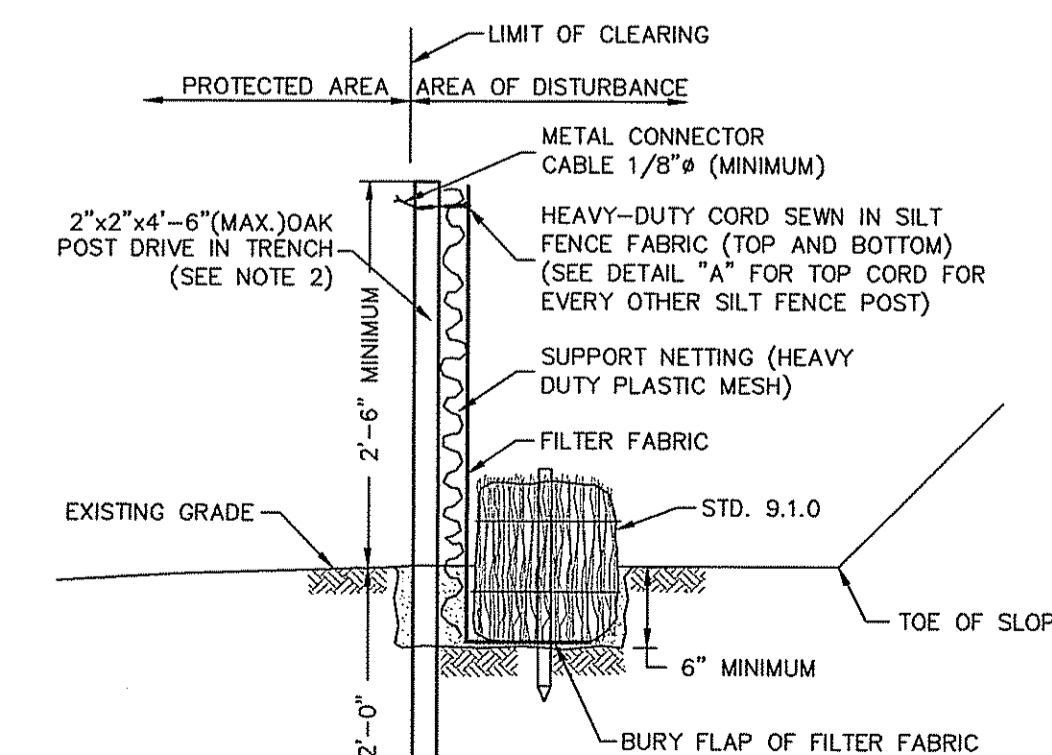
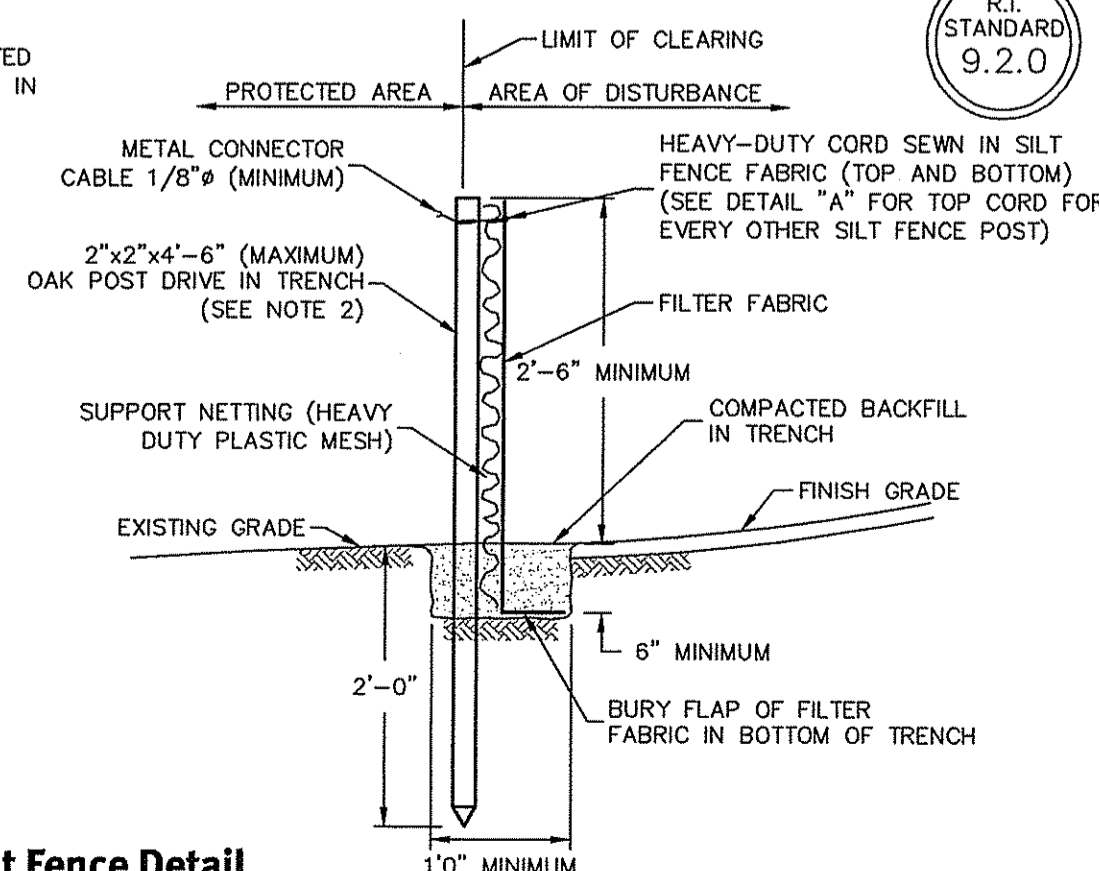
NOTES:

1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE WITH A MINIMUM FREEBOARD OF 12".
4. FACILITY SHALL NOT BE FILLED BEYOND 95% CAPACITY UNLESS A NEW FACILITY IS CONSTRUCTED.
5. SAW CUT PORTLAND CEMENT CONCRETE, RESIDUE FROM SAWCUT & GRINDING TO BE DISPOSED OF IN THE PIT.
6. CONCRETE WASHOUTS SHALL BE LOCATED A MINIMUM OF 100' FROM DRAINAGE WAYS, INLETS, & SURFACE WATERS.
7. MANUFACTURED CONCRETE WASHOUT DEVICES MAY BE USED IF REMOVED FROM THE SITE WHEN 95% FULL CAPACITY.

- NOTES:**
1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
 2. 2"x2"x4'-6" (MAXIMUM) OAK POSTS FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
 3. 1"x1"x4'-6" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
 4. SILT FENCE SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.



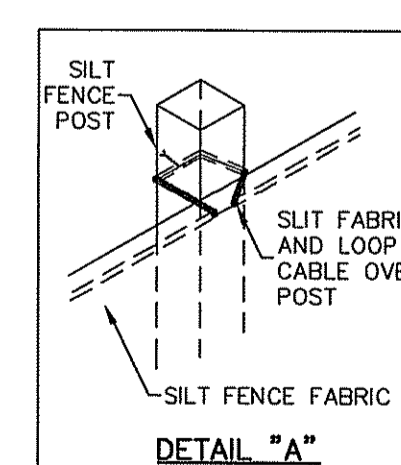
Silt Fence Detail
NOT TO SCALE



Baled Hay Erosion Check & Silt Fence Combined
NOT TO SCALE

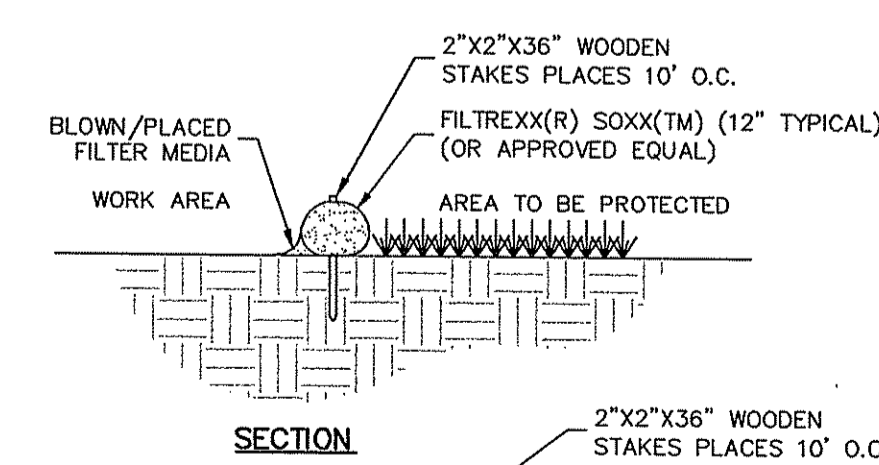
NOTES:

1. SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE R.I. STANDARD SPECIFICATIONS.
2. STD. 9.1.0 IS INSTALLED "TIGHT" AGAINST SILT FENCE. THOROUGHLY COMPACT EXCAVATED SOILS BACK INTO TRENCH AFTER INSTALLATION OF EROSION CONTROL DEVICES. SILT FENCE FABRIC SHALL NOT BE SLIT. STD. 9.1.0 POST SHALL BE DRIVEN THROUGH SILT FENCE FABRIC. 2"x2"x4'-6" (MAXIMUM) OAK POST FOR SILT FENCE SHALL BE LOCATED 8'-0" (MAXIMUM) O.C. IN WETLAND AREAS AND 4'-0" (MAXIMUM) O.C. IN WETLAND RAVINE, GULLY OR DROP-OFF AREAS AS SHOWN ON PLANS.
3. 1"x1"x4'-6" (MINIMUM) POSTS PERMITTED FOR PRE-FABRICATED SILT FENCE.
4. SILT FENCE AND BALED HAY SHALL BE INSTALLED BEFORE ANY GRUBBING OR EARTH EXCAVATION TAKES PLACE.
5. TO BE LOCATED AT ALL BASIN OUTFALLS.



DETAIL "A"

R.I. STANDARD 9.3.0



NOTES:

1. ALL MATERIAL TO MEET FILTREXX(R) SPECIFICATIONS.
2. FILTER MEDIA(TM) FILL TO MEET APPLICATION REQUIREMENTS.
3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.
4. STAKES ARE NOT TO BE USED IN PAVEMENT AREAS.
5. SELF WEIGHT OF FILTREXX SYSTEM IS ADEQUATE TO PREVENT SYSTEM OF MOVEMENT ONCE POSITIONED ALONG AREA SHOWN IN PLAN ABOVE.
6. CONTRACTOR TO PLACE FILTREXX SEDIMENT CONTROL ALONG AROUND ALL CURB INLET LOCATIONS AS SPECIFIED ON PLANS.

Filtrexx Sediment Control or Approved Equal
NOT TO SCALE

Diprete Engineering
Two Stafford Court Cranston, RI 02920
tel 401-943-1000 fax 401-661-6006 www.diprete-eng.com

Boston • Providence • Newport

ERIC M. DRIVE
No. 8862
REGISTERED PROFESSIONAL ENGINEER CIVIL

Environmental Management
SEP 29 2016
Office of Water Resources

This regulatory submission set shall not be used for construction purposes unless stamped "issued for construction" and signed by a Diprete Engineering representative.

The contractor is responsible for all of the means, methods, safety, and OSHA compliance in the implementation of this plan and design.

No.	Date	Description	By:
1	04/16/2016	ISSUE FOR CONSTRUCTION	ERIC M. DRIVE
2	04/16/2016	ISSUE FOR CONSTRUCTION	ERIC M. DRIVE
3	04/16/2016	ISSUE FOR CONSTRUCTION	ERIC M. DRIVE
4	04/16/2016	ISSUE FOR CONSTRUCTION	ERIC M. DRIVE
5	04/16/2016	ISSUE FOR CONSTRUCTION	ERIC M. DRIVE

Design By: B.I.D.

Detail Sheet

435 Eddie Dowling Highway
Assessor's Plat 13 Lot 104
North Smithfield, Rhode Island

Boardwalk Storage Solutions, LLC
Applicant
44 Wood Avenue, Suite 1, Mansfield, MA 02048
tel 508-337-0935 fax 508-337-9937

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SHEET 6 OF 6