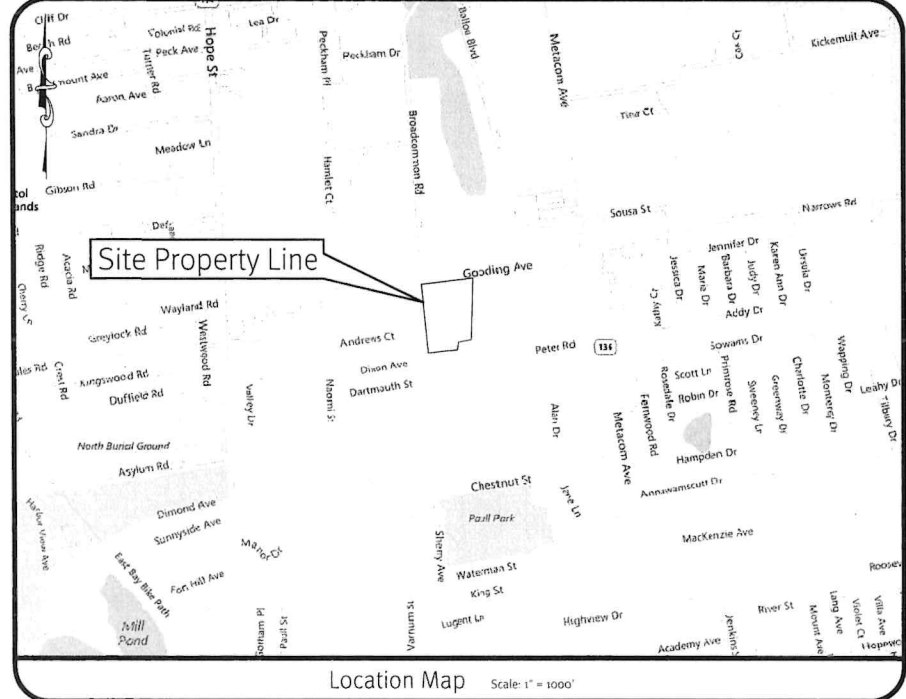


Permitting Submission

Mainstay/Sleep Inn Hotel

Located on Gooding Avenue
Bristol, Rhode Island

Assessor's Plat 111 Lot 1



Sheet Index

1. Cover Sheet
2. Aerial Half Mile Radius
3. General Notes and Legend
4. Erosion & Sediment Control Plan
5. Site Layout Plan
6. Grading Plan
7. Drainage and Utilities Plan
8. Underground Systems A & B Details
9. Sand Filter B and Details
10. Detail Sheet

Plans by Others

11. Property Line Survey (Sheet 1 of 1) by Barker Land Surveying

RI Environmental Management
NOV 08 2023
Office of Water Resources

SESC / O&M
The Soil Erosion and Sediment Control Plan (SESC) and Operations and Maintenance Plan (O&M) are required documents 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.

PLAN FOR NOTICE

DiPrete Engineering
90 Broadway Newport, RI 02840
tel 401-619-5990 fax 401-464-6066 www.diprete-eng.com
Boston • Providence • Newport

KEVIN DEMERS
[Signature]
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 to obtain all necessary permits and approvals in accordance with this plan and design.

NO	DATE	DESCRIPTION	BY
1	09-22-2023	R.I. Environmental Management	J.A.E.
2	09-28-2023	Issue for Construction	J.A.E.
3	09-28-2023	Issue for Construction	J.A.E.
4	09-28-2023	Issue for Construction	J.A.E.
5	11-08-2023	Issue for Construction	J.A.E.

Drawn By: D.R.N. Design By: K.J.D.

Cover Sheet
Mainstay/Sleep Inn Hotel
AP 111 Lot 1
Bristol, Rhode Island
Applicant: **D&M BOCA DEVELOPMENT, LLC**
110 Dancoway and Sons
92 Francis Corner Road, Suite 100
North Dartmouth, MA 02727
Owner: **Kendall, LLC**
110 Dancoway and Sons
92 Francis Corner Road, Suite 100
North Dartmouth, MA 02727
DiPrete Engineering Associates, Inc.
DR ENR 2536-001 Copyright 2023 by DiPrete Engineering Associates, Inc.

SEE TOP

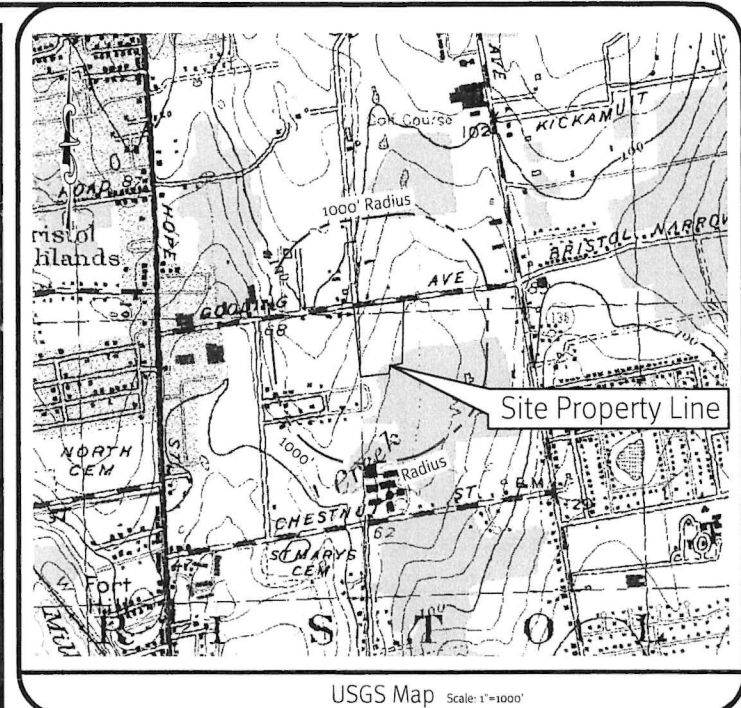
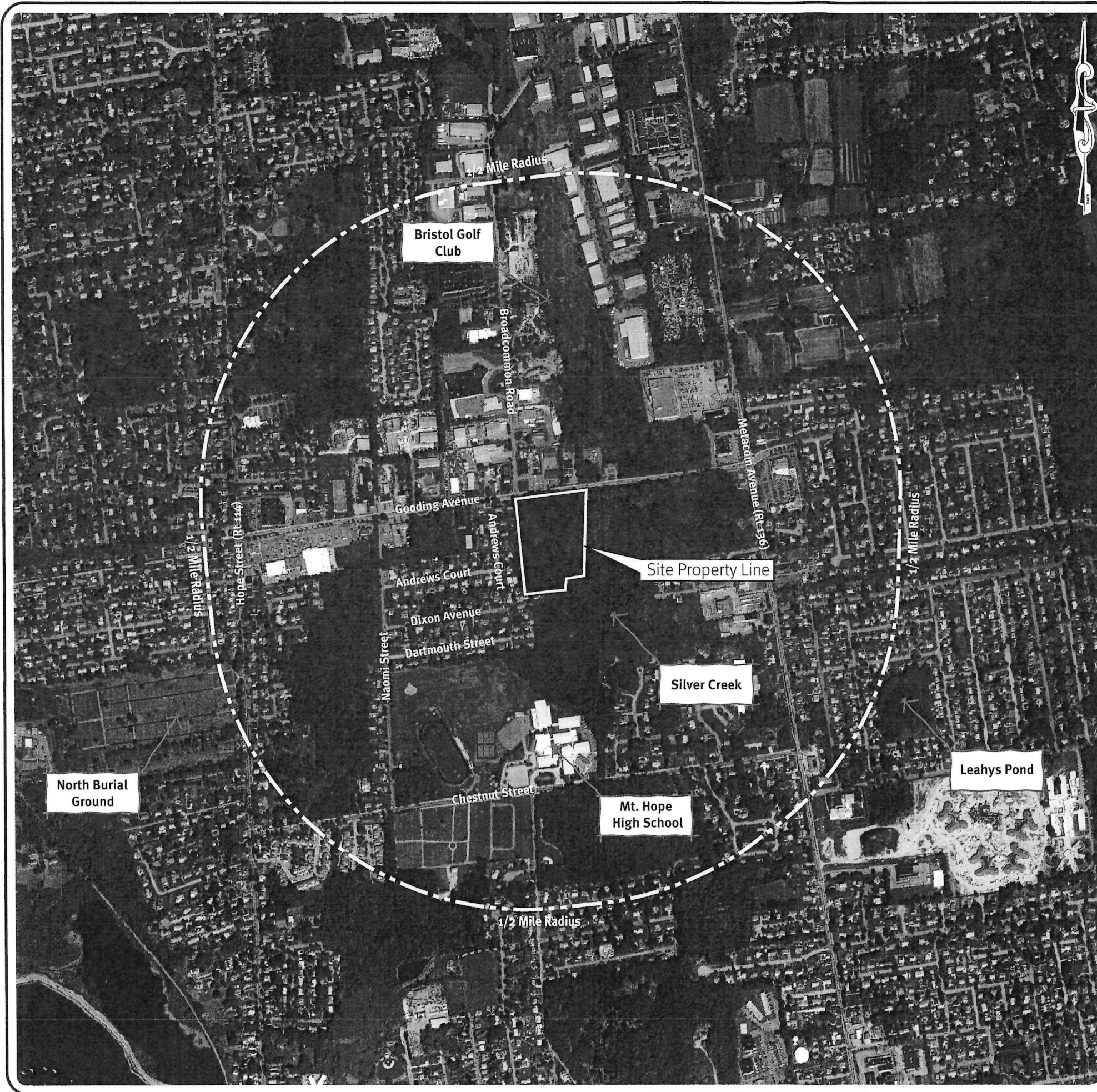
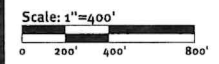


Photo Obtained from the ARCGIS 2008 Orthophotography.



Legend:

- PROPERTY LINE
- PROPERTY LINE (USGS MAP)
- HALF MILE RADIUS LINE

DiPrete Engineering
 90 Broadway, Newport, RI 02840
 Tel: 401-639-5990, Fax: 401-661-6006, www.diprete-eng.com

Boston • Providence • Newport

KEVIN DEMERS
(Signature)
 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	05-23-2013	ISSUED FOR CONSTRUCTION	J.A.P.
2	06-26-2013	REVISED PROPOSED TO COMMENTS	J.A.P.
3	06-26-2013	ISSUED FOR CONSTRUCTION	J.A.P.
4	07-24-2013	REVISED PROPOSED TO COMMENTS	J.A.P.
5	07-24-2013	ISSUED FOR CONSTRUCTION	J.A.P.

Drawn By: D.R.N. Design By: K.I.D.

**Aerial Half Mile Radius
 Mainstay/Sleep Inn Hotel**

AP 111 Lot 1
 Bristol, Rhode Island

Applicant:
D&M BOCA DEVELOPMENT, LLC
 97 Finance Center Road, Suite 100
 North Dartmouth, MA 02747

Owner:
Kendall, LLC
 610 Dunbar and Sons
 #13 Aqueduct Avenue, Middletown, RI 02842

DE 008 No. 7538-001, Copyright 2013 by DiPrete Engineering Associates, Inc.

CER
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 RES
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General Notes:

- 1. THE SITE IS LOCATED ON THE TOWN OF BRISTOL ASSESSOR'S PLAT 111 LOT 1.
2. THE SITE IS APPROXIMATELY 9.78 ACRES, IS ZONED GB, AND IS CURRENTLY WOODED.
3. THE OWNER OF AP 111 LOT 1 IS: KENDAN, LLC, 613 AQUINECK AVENUE, MIDDLETOWN, RI 02842
THE APPLICANT OF AP 111 LOT 1 IS: D&M BOCA DEVELOPMENT, LLC, 92 FAUNCE CORNER ROAD, SUITE 160, NORTH DARTMOUTH, MA 02747
4. THIS SITE IS LOCATED IN FEMA FLOOD ZONES X AND AE. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44001C0011H, MAP REVISED JULY 7, 2014.
5. THIS PLAN IS SUBSTANTIALLY CORRECT IN ACCORDANCE WITH A CLASS IV STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS. THIS PLAN IS NOT TO BE CONSTRUED AS AN ACCURATE BOUNDARY SURVEY AND MAY BE SUBJECT TO SUCH CHANGES AS AN ACCURATE BOUNDARY SURVEY MAY DISCLOSE.
6. THE SITE IS NOT WITHIN A: GROUNDWATER PROTECTION AREA, NATURAL HERITAGE AREA, GROUNDWATER PROTECTION OVERLAY DISTRICT
7. THE FOLLOWING DOCUMENTS ARE CONSIDERED PART OF THE PROJECT PLANS AND THE CONTRACTOR/ OWNER MUST MAINTAIN THESE DOCUMENTS AS PART OF A FULL PLAN SET:
- SOIL EROSION AND SEDIMENT CONTROL PLAN (SESC). THE SESC CONTAINS THE FOLLOWING:
 - EROSION CONTROL MEASURES
 - SHORT TERM MAINTENANCE
 - ESTABLISHMENT OF VEGETATIVE COVER
 - CONSTRUCTION POLLUTION PREVENTION
 - SEQUENCE OF CONSTRUCTION
- OPERATIONS AND MAINTENANCE PLAN (O&M). THE O&M CONTAINS THE FOLLOWING:
 - LONG TERM MAINTENANCE
 - LONG TERM POLLUTION PREVENTION
8. THIS PLAN SET REFERENCES RIDOT STANDARD DETAILS (DESIGNATED AS RIDOT STD X.X.X.). RIDOT STANDARD DETAILS ARE AVAILABLE FROM RIDOT AND ONLINE AT: HTTP://WWW.DOT.RI.GOV/BUSINESS/CONTRACTORSANDCONSULTANTS.PHP.
9. THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PUBLIC SEWER.
10. THE SITE WILL FULLY COMPLY WITH ALL OF THE TOWN OF BRISTOL RULES AND REGULATIONS INCLUDING THE SUBDIVISION AND DEVELOPMENT REVIEW REGULATIONS AND THE ZONING ORDINANCE. THE SITE DOES NOT REQUIRE ANY VARIANCES, SPECIAL USE PERMITS, OR WAIVERS.
11. THE DRAINAGE SYSTEM IS DESIGNED TO MEET THE TOWN OF BRISTOL SUBDIVISION AND LAND DEVELOPMENT REGULATIONS WITH THE USE OF CATCH BASINS, CULVERTS, AND UNDERGROUND DRAINAGE BASINS. THE STORMWATER MANAGEMENT SYSTEM MEETS THE RIDOT BEST MANAGEMENT PRACTICES.
12. THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.
13. TEST PITS AND SOIL EVALUATIONS WERE COMPLETED BY SITEC, INC. ON 12/12/2014.

Soil Information:

Table with 2 columns: SOIL NAME, DESCRIPTION. Includes Pittstown Silty Loam, 0 to 3 Percent Slopes and Stissing Silty Loam.

Plan References:

PLAN ENTITLED "PROPERTY LINE SURVEY FOR KENDAN, LLC" BY BARKER LAND SURVEYING, INC. REVISED 9/30/14.

Lidar Note:

CONTOUR DATA SHOWN ON THIS PLAN CONFORMS TO A T-4 TOPOGRAPHICAL SURVEY STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS; SAID DATA IS BASED ON ELEVATION INFORMATION THAT WAS COLLECTED WITH AIRBORNE LIDAR TECHNOLOGY FOR THE ENTIRE AREA OF RHODE ISLAND BETWEEN APRIL 22 AND MAY 6, 2011 AS PART OF THE NORTHEAST LIDAR PROJECT. THIS DATA'S POSITIONAL ACCURACY AND RELIABILITY HAS NOT BEEN VERIFIED BY DIPRETE ENGINEERING AND IS SUBJECT TO CHANGES AN AUTHORITY FIELD SURVEY MAY DISCLOSE.

Demolition Notes:

- 1. 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 PROPERTY 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.
2. CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
3. CONTRACTOR TO PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCE DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON GOODING AVENUE.
4. ANY DAMAGE TO THE PROPERTY CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS UNLESS SPECIFIED OTHERWISE HERE IN. R&D MATERIALS TO INCLUDE BUT NOT LIMITED TO PAVEMENT, GRAVEL, CATCH BASINS, MANHOLES, GRATES/FRAMES/COVERS, AND ANY EXCESS SOIL THAT IS NOT INCORPORATED INTO THE WORK.
6. IN ADDITION TO THOSE AREAS SPECIFICALLY DESIGNATED ON THE PLANS, ALL DISTURBED AREAS INCLUDING THE CONTRACTOR'S STOCKPILE AND STAGING AREAS WITHIN THE LIMIT OF WORK SHALL BE RESTORED TO MATCH THE DESIGN PLANS.

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.

RIDOT Notes:

- 1. ALL WORK TO BE DONE WITHIN THE STATE RIGHT OF WAY (ROW) SHALL CONFORM TO RI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AMENDED AUGUST 2013 WITH ALL REVISIONS AND ADDENDA. STANDARD DETAILS FOR THIS WORK ARE RI STANDARD DETAILS 1998 EDITIONS WITH ALL REVISIONS.
2. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, INCLUDING ALL REVISIONS.
3. NO LANE OR SHOULDER CLOSURES SHALL BE PERFORMED WITHIN THE STATE'S R.O.W. DURING PEAK TRAFFIC HOURS.
4. SEWER AND WATER CONNECTIONS WITHIN THE STATE R.O.W. WILL REQUIRE A SEPARATE RIDOT UTILITY PERMIT. CONTRACTOR TO OBTAIN BEFORE CONSTRUCTION.
5. THE DRAINAGE SYSTEM IS DESIGNED TO DECREASE BOTH STORM WATER RUNOFF RATE DISCHARGE, AND STORM WATER RUNOFF VOLUME TO THE STATE RIGHT-OF-WAY FROM PRE-DEVELOPMENT TO POST-DEVELOPMENT. THERE WILL BE NO INCREASE IN RUNOFF TO THE STATE RIGHT OF WAY FROM THE PROPOSED DEVELOPMENT.

Layout and Materials:

- 1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. CURB RADI ARE 5 FEET UNLESS OTHERWISE NOTED.
3. CURBING SHALL BE PRECAST CONCRETE OR AS LABELED ON THE PLANS.
4. SIDEWALK SHALL BE CONCRETE, STAMPED CONCRETE OR AS LABELED ON THE PLANS.
5. 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.
6. 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.
7. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED SURVEYOR.
8. 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.

Grading and Utility Notes:

- 1. THE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ONSITE. 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 SPRING 2021 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 BRISTOL STANDARD SPECIFICATIONS AND DETAILS.
5. SEQUENCE OF CONSTRUCTION PROVIDED IN SESC MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH PRIOR APPROVAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
6. 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.
7. 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.
8. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
9. ALL PROPOSED UNDERGROUND UTILITIES SERVING THE SITE AND BUILDINGS TO BE COORDINATED WITH APPLICANT, ARCHITECT, AND ENGINEER PRIOR TO INSTALLATION.
10. ALL TRAFFIC CONTROL SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION INCLUDING ALL REVISIONS.
11. 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.
12. 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.

- 13. ALL COMPONENTS OF THE DRAINAGE, SEWER AND WATER SYSTEMS MUST BE ASBUILT PRIOR TO COVERING. ENGINEER TO BE NOTIFIED PRIOR TO COVERING TO SURVEY ASBUILT LOCATIONS. ENGINEER WILL NOT ACCEPT FIELD MEASUREMENTS FROM THE SITE CONTRACTOR.
14. NO STOCKPILING OF MATERIAL TO BE LOCATED IN THE RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT.
15. ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR FUTURE USE.
16. 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 ONSITE OR REMOVED.
17. NO STUMP DUMPS ARE PROPOSED ONSITE.
18. IF CONCRETE TRUCKS ARE WASHED OUT ONSITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

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 Erosion and Sedimentation Control Notes:

- 1. ALL EROSION CONTROL, TEMPORARY SWALES, TEMPORARY SEDIMENTATION TRAPS, ETC. SHALL BE INSTALLED PER THE RHODE ISLAND SOIL EROSION AND SEDIMENTATION CONTROL LATEST EDITION AND THE SOIL EROSION SEDIMENTATION CONTROL PLAN (SESC).
2. TEMPORARY SWALES SHALL BE USED TO CONTROL RUNOFF DURING CONSTRUCTION. TEMPORARY SWALES SHALL BE VEGETATED AFTER CONSTRUCTION. EROSION CONTROL MATS SHALL BE INSTALLED IF NECESSARY TO PREVENT EROSION AND SUPPORT VEGETATION. AFTER CONSTRUCTION IS COMPLETE AND TRIBUTARY AREAS TO THE SWALES HAVE BEEN STABILIZED, THE TEMPORARY SWALES SHALL BE CLEARED AND FINAL DESIGN, INCLUDING INSTALLATION OF THE GRASS SWALE SHALL BE PER THE DESIGN PLANS.
3. ONCE THE SEDIMENTATION TRAP IS NO LONGER REQUIRED AND ALL TRIBUTARY AREAS HAVE BEEN STABILIZED, THE TEMPORARY SEDIMENTATION TRAP SHALL BE CLEANED AND BROUGHT TO FINAL DESIGN GRADES.
4. INLET PROTECTION SHALL BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED.
5. SEE SECTION 2.2 OF THE SESC FOR SEQUENCE OF CONSTRUCTION ACTIVITY.
6. SEE SECTION 2.2 OF THE SESC FOR PROJECT PHASING.
7. CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM DESIGN ENGINEER.
8. FOR CONSTRUCTION PHASING SEE SECTION 2.2 OF SOIL EROSION AND SEDIMENT CONTROL PLAN.

Abbreviations Legend

Table listing abbreviations for various site features: AP (Assessor's Plat), BC (Bottom of Curb), BT (Bottom of Trench), etc.

Existing Legend

Table listing symbols for existing site features: Property Line, Assessors Line, Building, Brushline, etc.

Proposed Legend

Table listing symbols for proposed site features: Drainage Line, Roof Leader, Gas Line, Water Line, etc.

Utility Note:

ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS WERE PROVIDED BY OTHERS AND ARE APPROXIMATE ONLY. LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE EXCAVATION, BLASTING, UTILITY INSTALLATION, BACKFILLING, GRADING, PAVEMENT RESTORATION, AND ALL OTHER SITE WORK. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THESE DOCUMENTS. CONTACT DIG SAFE A MINIMUM OF 72 WORKING HOURS PRIOR TO ANY CONSTRUCTION AT 811. DIG SAFE IS RESPONSIBLE FOR CONTACTING MEMBER UTILITY COMPANIES. DIG SAFE MEMBER UTILITY COMPANIES ARE RESPONSIBLE TO MARK ONLY THE FACILITIES THAT THEY OWN OR MAINTAIN. NON DIG SAFE MEMBER COMPANIES ARE NOT NOTIFIED BY DIG SAFE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND NOTIFY IF ANY PRIVATELY OWNED OR NON DIG SAFE MEMBER UTILITIES ARE IN THE AREA.

PER THE CODE OF FEDERAL REGULATIONS - TITLE 29, PART 1926 IT IS THE SITE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ACCURATE UNDERGROUND UTILITY LINE LOCATIONS FROM THE UTILITY COMPANIES, UTILITY OWNERS AND, OR VIA UNDERGROUND UTILITY LOCATION EQUIPMENT AS NEEDED TO ESTABLISH ACCURATE LOCATIONS PRIOR TO ANY EXCAVATION. THE USE OF PROFESSIONAL UTILITY LOCATING COMPANIES PRIOR TO ANY EXCAVATION IS RECOMMENDED.

DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES, DEPICTED OR NOT, EITHER IN SERVICE OR ABANDONED, ANY SIZES, LOCATIONS, EXISTENCE, OR LACK OF EXISTENCE OF UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNTIL VERIFIED BY A PROFESSIONAL UTILITY LOCATION COMPANY. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED.

DiPrete Engineering logo and contact information: 90 Broadway, Newport, RI 02840, Tel: (401) 619-9590, Fax: (401) 464-6006, www.diprete-eng.com

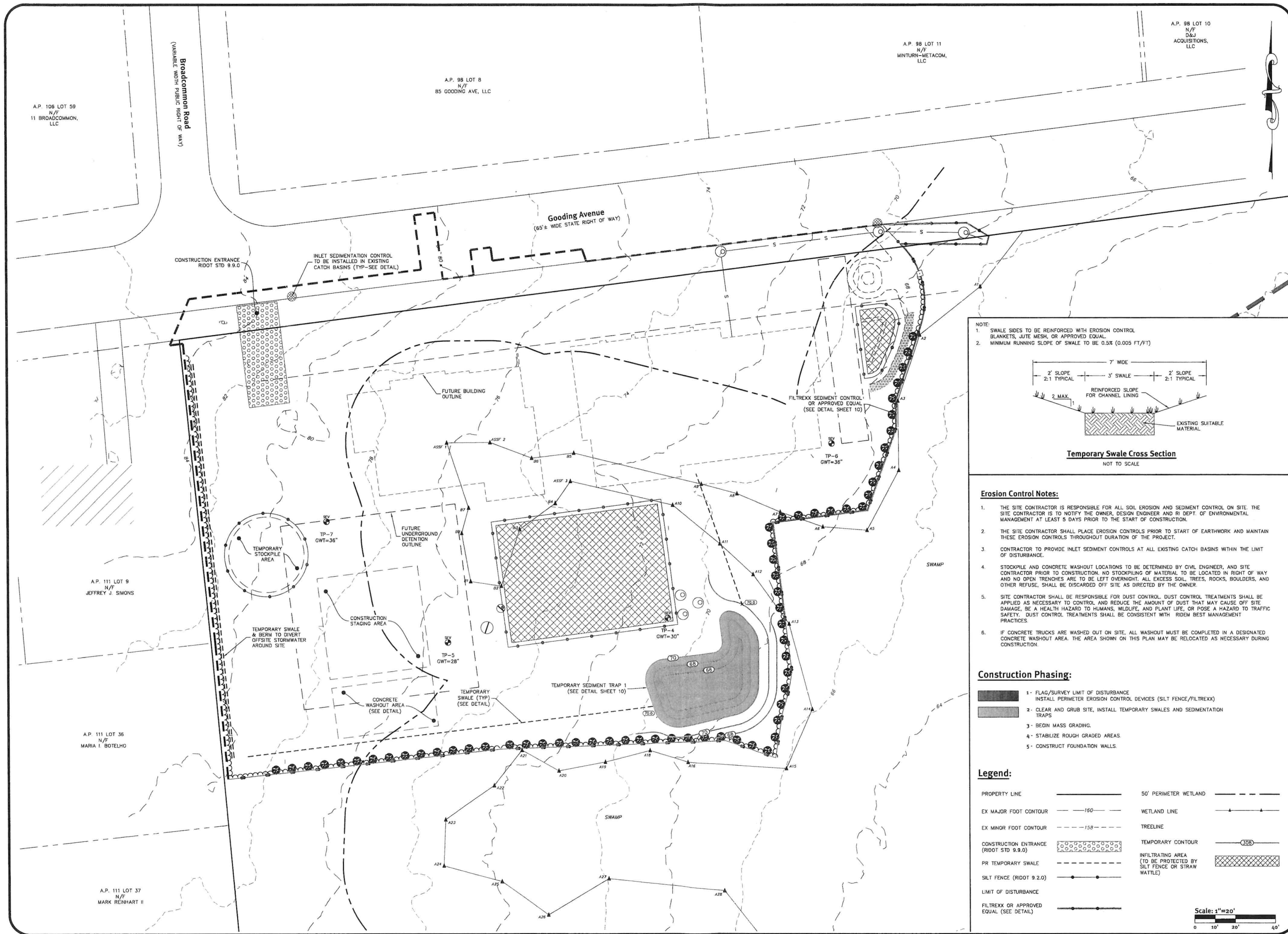
KEVIN DEMERS, REGISTERED PROFESSIONAL ENGINEER CIVIL, with a signature and professional seal.

Disclaimer text: 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, techniques, procedures, and OSHA compliance in the implementation of this plan and design.

Revision table with columns: No., Date, Description, Design By: K.L.D.

General Notes and Legend Mainstay/Sleep Inn Hotel logo and address: AP 111 LOT 1, Bristol, Rhode Island.

Owner: KENDAN, LLC, 613 Aquineck Avenue, Middletown, RI 02842. Applicant: D&M BOCA DEVELOPMENT, LLC, 92 Faunce Corner Road, Suite 160, North Dartmouth, MA 02747.



A.P. 98 LOT 10
N/F
D&J
ACQUISITIONS,
LLC

A.P. 98 LOT 11
N/F
MINTURN-METACOM,
LLC

A.P. 98 LOT 8
N/F
85 GOODING AVE, LLC

A.P. 106 LOT 59
N/F
11 BROADCOMMON,
LLC

A.P. 111 LOT 9
N/F
JEFFREY J. SIMONS

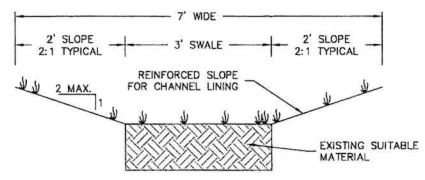
A.P. 111 LOT 36
N/F
MARIA I. BOTELHO

A.P. 111 LOT 37
N/F
MARK REINHART II

Broadcommon Road
(VARIABLE WIDTH PUBLIC RIGHT OF WAY)

Gooding Avenue
(65'± WIDE STATE RIGHT OF WAY)

- NOTE:
- SWALE SIDES TO BE REINFORCED WITH EROSION CONTROL BLANKETS, JUTE MESH, OR APPROVED EQUAL.
 - MINIMUM RUNNING SLOPE OF SWALE TO BE 0.5% (0.005 FT/FT)



Temporary Swale Cross Section
NOT TO SCALE

Erosion Control Notes:

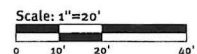
- THE SITE CONTRACTOR IS RESPONSIBLE FOR ALL SOIL EROSION AND SEDIMENT CONTROL ON SITE. THE SITE CONTRACTOR IS TO NOTIFY THE OWNER, DESIGN ENGINEER AND RI DEPT. OF ENVIRONMENTAL MANAGEMENT AT LEAST 5 DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE SITE CONTRACTOR SHALL PLACE EROSION CONTROLS PRIOR TO START OF EARTHWORK AND MAINTAIN THESE EROSION CONTROLS THROUGHOUT DURATION OF THE PROJECT.
- CONTRACTOR TO PROVIDE INLET SEDIMENT CONTROLS AT ALL EXISTING CATCH BASINS WITHIN THE LIMIT OF DISTURBANCE.
- STOCKPILE AND CONCRETE WASHOUT LOCATIONS TO BE DETERMINED BY CIVIL ENGINEER, AND SITE CONTRACTOR PRIOR TO CONSTRUCTION. NO STOCKPILING OF MATERIAL TO BE LOCATED IN RIGHT OF WAY AND NO OPEN TRENCHES ARE TO BE LEFT OVERNIGHT. ALL EXCESS SOIL, TREES, ROCKS, BOULDERS, AND OTHER REFUSE, SHALL BE DISCARDED OFF SITE AS DIRECTED BY THE OWNER.
- SITE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST CONTROL. DUST CONTROL TREATMENTS SHALL BE APPLIED AS NECESSARY TO CONTROL AND REDUCE THE AMOUNT OF DUST THAT MAY CAUSE OFF SITE DAMAGE, BE A HEALTH HAZARD TO HUMANS, WILDLIFE, AND PLANT LIFE, OR POSE A HAZARD TO TRAFFIC SAFETY. DUST CONTROL TREATMENTS SHALL BE CONSISTENT WITH RIDEM BEST MANAGEMENT PRACTICES.
- IF CONCRETE TRUCKS ARE WASHED OUT ON SITE, ALL WASHOUT MUST BE COMPLETED IN A DESIGNATED CONCRETE WASHOUT AREA. THE AREA SHOWN ON THIS PLAN MAY BE RELOCATED AS NECESSARY DURING CONSTRUCTION.

Construction Phasing:

- FLAG/SURVEY LIMIT OF DISTURBANCE
INSTALL PERIMETER EROSION CONTROL DEVICES (SILT FENCE/FILTREXX)
- CLEAR AND GRUB SITE, INSTALL TEMPORARY SWALES AND SEDIMENTATION TRAPS
- BEGIN MASS GRADING.
- STABILIZE ROUGH GRADED AREAS.
- CONSTRUCT FOUNDATION WALLS.

Legend:

PROPERTY LINE	---	50' PERIMETER WETLAND	---
EX MAJOR FOOT CONTOUR	---150---	WETLAND LINE	---▲---
EX MINOR FOOT CONTOUR	---158---	TREELINE	---▲---
CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)	⊘	TEMPORARY CONTOUR	⊘
PR TEMPORARY SWALE	—●—	INFILTRATING AREA (TO BE PROTECTED BY SILT FENCE OR STRAW WATTLE)	⊘
SILT FENCE (RIDOT 9.9.2.0)	—●—		
LIMIT OF DISTURBANCE	—●—		
FILTREXX OR APPROVED EQUAL (SEE DETAIL)	—●—		

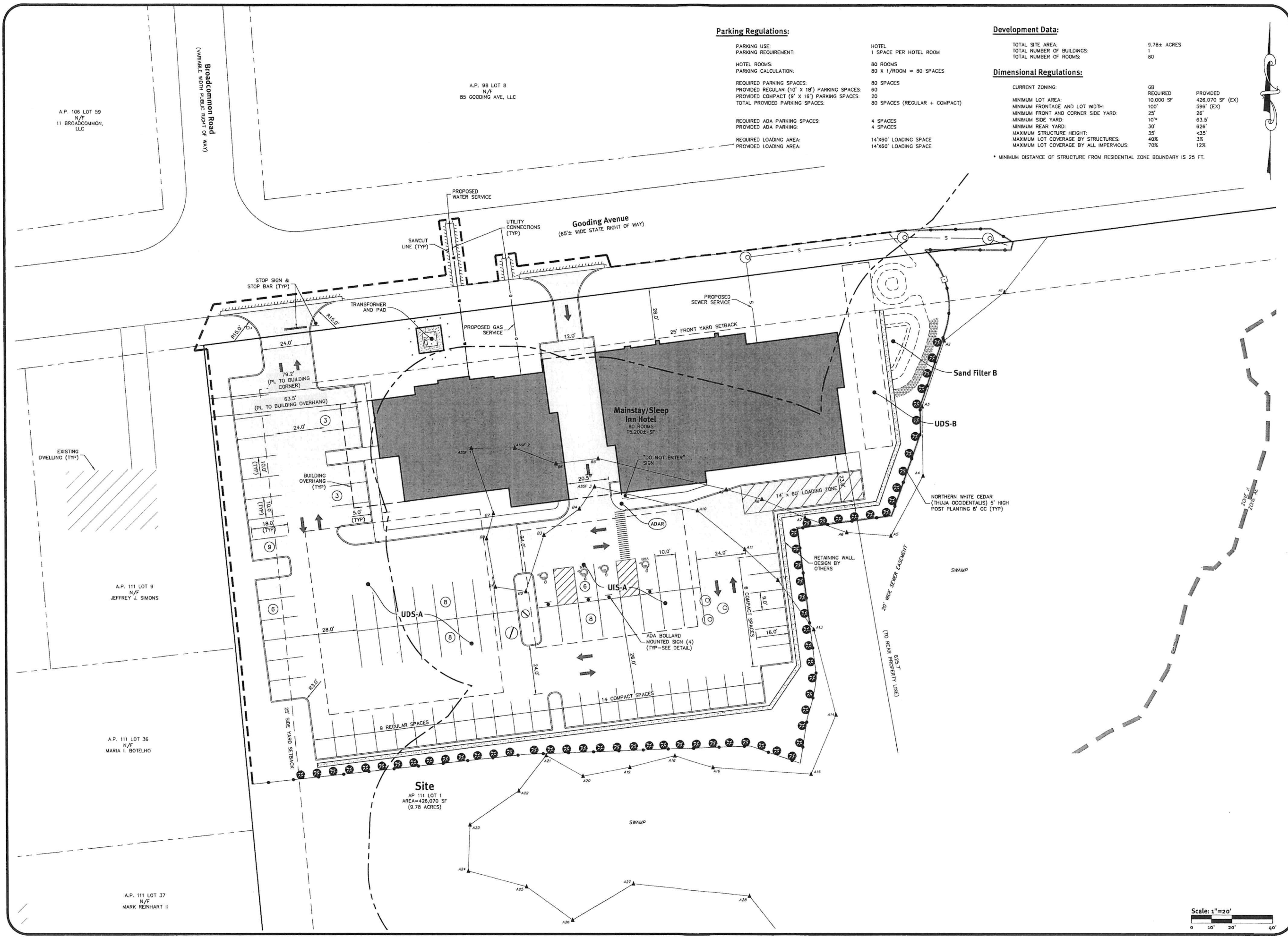


KEVIN DEMERS
REGISTERED PROFESSIONAL ENGINEER
CIVIL

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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.

REV	DATE	DESCRIPTION	BY	CHKD BY
1	05-22-2023	DATE REVISIONS TO PERMITS	AKB	
2	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
3	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
4	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
5	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
6	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
7	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
8	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
9	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	
10	05-24-2023	SWAMP STAKE MARK COMMENTS	AKB	

Erosion & Sediment Control Plan
Mainstay/Sleep Inn Hotel
Owner: **D&M BOCA DEVELOPMENT, LLC** Kendan, LLC
92 France Center Road, Suite 100, North Attleboro, MA 01937
978-254-1400



Parking Regulations:

PARKING USE: HOTEL
 PARKING REQUIREMENT: 1 SPACE PER HOTEL ROOM
 HOTEL ROOMS: 80 ROOMS
 PARKING CALCULATION: 80 X 1/ROOM = 80 SPACES
 REQUIRED PARKING SPACES: 80 SPACES
 PROVIDED REGULAR (10' X 18') PARKING SPACES: 60
 PROVIDED COMPACT (9' X 16') PARKING SPACES: 20
 TOTAL PROVIDED PARKING SPACES: 80 SPACES (REGULAR + COMPACT)
 REQUIRED ADA PARKING SPACES: 4 SPACES
 PROVIDED ADA PARKING: 4 SPACES
 REQUIRED LOADING AREA: 14'X60' LOADING SPACE
 PROVIDED LOADING AREA: 14'X60' LOADING SPACE

Development Data:

TOTAL SITE AREA: 9.78± ACRES
 TOTAL NUMBER OF BUILDINGS: 1
 TOTAL NUMBER OF ROOMS: 80
 CURRENT ZONING: 08
 MINIMUM LOT AREA: 10,000 SF
 MINIMUM FRONTAGE AND LOT WIDTH: 100'
 MINIMUM FRONT AND CORNER SIDE YARD: 25'
 MINIMUM SIDE YARD: 10'
 MINIMUM REAR YARD: 30'
 MAXIMUM STRUCTURE HEIGHT: 35'
 MAXIMUM LOT COVERAGE BY STRUCTURES: 40%
 MAXIMUM LOT COVERAGE BY ALL IMPERVIOUS: 70%
 PROVIDED: 426,070 SF (EX)
 PROVIDED: 596' (EX)
 PROVIDED: 26'
 PROVIDED: 63.5'
 PROVIDED: 626'
 PROVIDED: 435'
 PROVIDED: 3%
 PROVIDED: 12%
 * MINIMUM DISTANCE OF STRUCTURE FROM RESIDENTIAL ZONE BOUNDARY IS 25 FT.

DiPrete Engineering
 90 Broadway, Newport, RI 02840
 Tel: 401-699-9990 Fax: 401-691-0000 www.diprete-eng.com

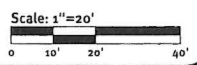
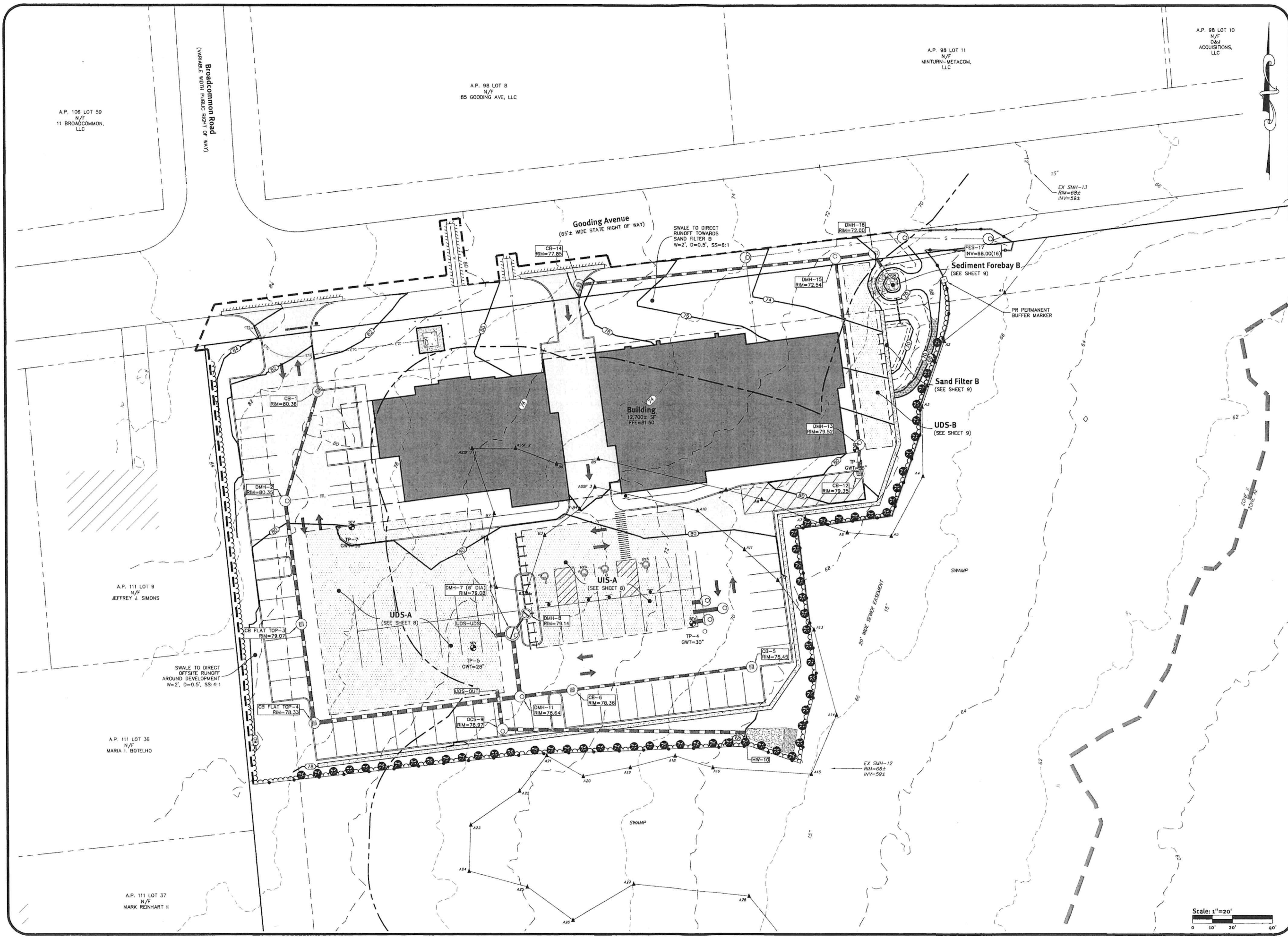
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 The contractor is responsible for all of the means, methods, materials, workmanship and OSHA performance in the implementation of this plan and design.

No.	Date	Description	By:
1	05-23-2023	Initial Response to Comments	AJK
2	05-23-2023	Final Response to Comments	AJK
3	05-26-2023	Issue-Specific Clarification	AJK
4	05-27-2023	Final Response to Comments	AJK
5	05-27-2023	Final Response to Comments	AJK
6	05-27-2023	Final Response to Comments	AJK
7	05-27-2023	Final Response to Comments	AJK
8	05-27-2023	Final Response to Comments	AJK
9	05-27-2023	Final Response to Comments	AJK
10	05-27-2023	Final Response to Comments	AJK

Site Layout Plan
Mainstay/Sleep Inn Hotel
 AP 111 Lot 1
 Bristol, Rhode Island
 Applicant: **D&M BOCA DEVELOPMENT, LLC**
 65 France Corner Road, Suite 100, North Dartmouth, MA 02727
 Owner: **Kendall, LLC**
 610 Donahue and Sons
 813 Aqueduct Avenue, Middletown, RI 02842
 Design By: K.J.D.



DiPrete Engineering
 60 Broadway, Newport, RI 02840
 Tel: 401-639-9890 Fax: 401-664-6005 www.diprete-eng.com

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The contractor is responsible for all of the means, methods, techniques, practices, and procedures used in the construction and O&M performance in the implementation of this plan and design.

No.	Date	Description	By:
1	06-23-2023	2023 PERMISSIVE COMMENTS	Br:
2	06-23-2023	2023 PERMISSIVE COMMENTS	Br:
3	06-23-2023	2023 PERMISSIVE COMMENTS	Br:
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Grading Plan
Mainstay/Sleep Inn Hotel

AP 111 Lot 1
 Bristol, Rhode Island

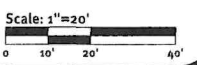
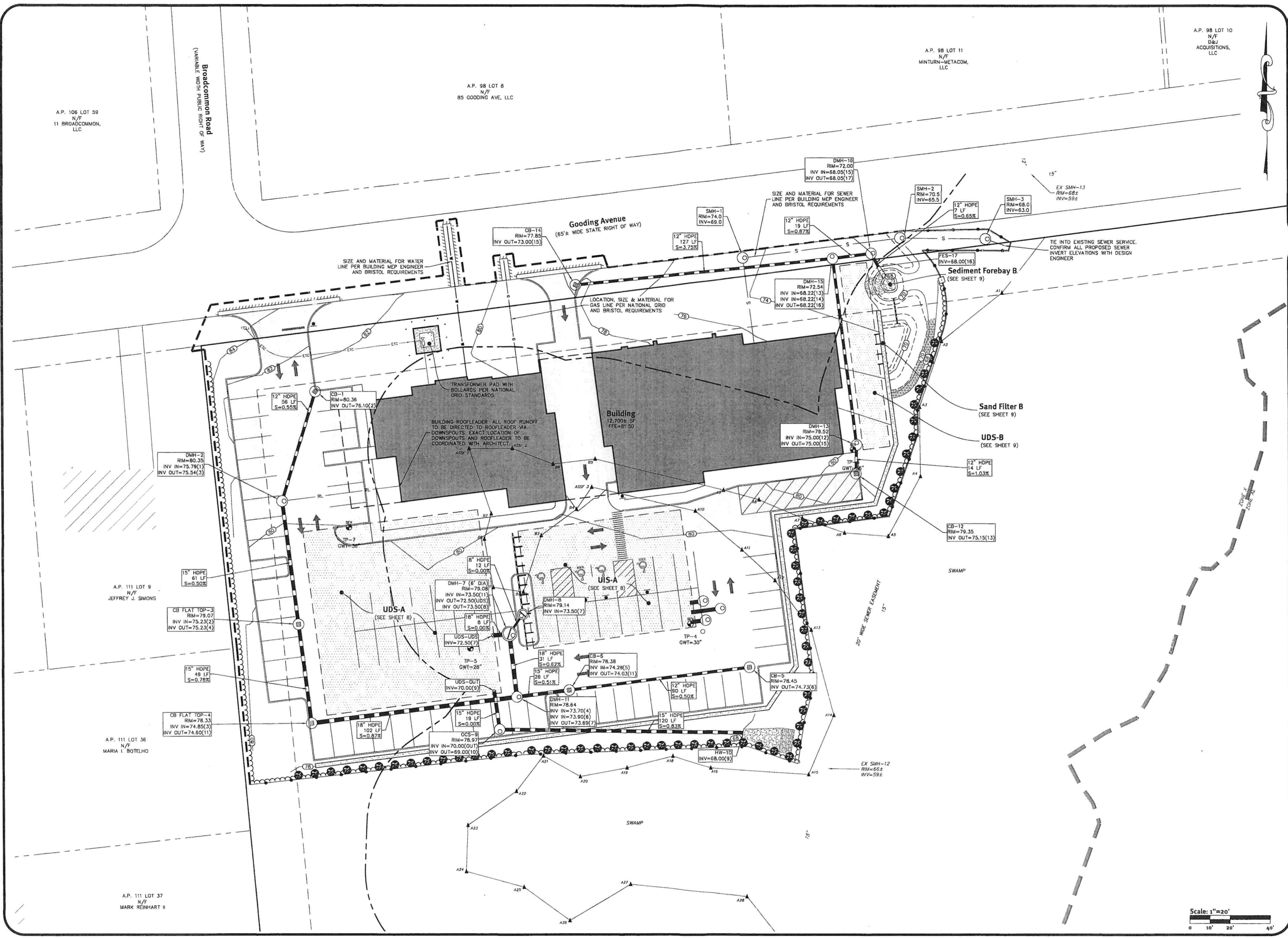
Applicant: **D&M BOCA DEVELOPMENT, LLC**
 60 Deane and Sons
 North Dartmouth, MA 02747

Owner: **Kendana, LLC**
 113 Aqueduct Avenue, Middletown, RI 02842

Design By: **K.J.D.**

Scale: 1"=20'

SHEET **6** OF 11



DiPrete Engineering
 90 Broadway, Newport, RI 02840
 tel: 401-619-5890 fax: 401-464-6006 www.diprete-eng.com

KEVIN DEMERS
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

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No.	Date	Description	By
1	06-13-2023	ISSUE PROPOSED SET	KJD
2	06-28-2023	ISSUE REVISIONS TO COMMENTS	KJD
3	06-29-2023	ISSUE SERVICE USER COMMENTS	KJD
4	07-12-2023	ISSUE PRELIMINARY APPROVAL/REVISIONS	KJD
5	07-12-2023	ISSUE PRELIMINARY APPROVAL/REVISIONS	KJD

Drainage And Utilities Plan
Mainstay/Sleep Inn Hotel

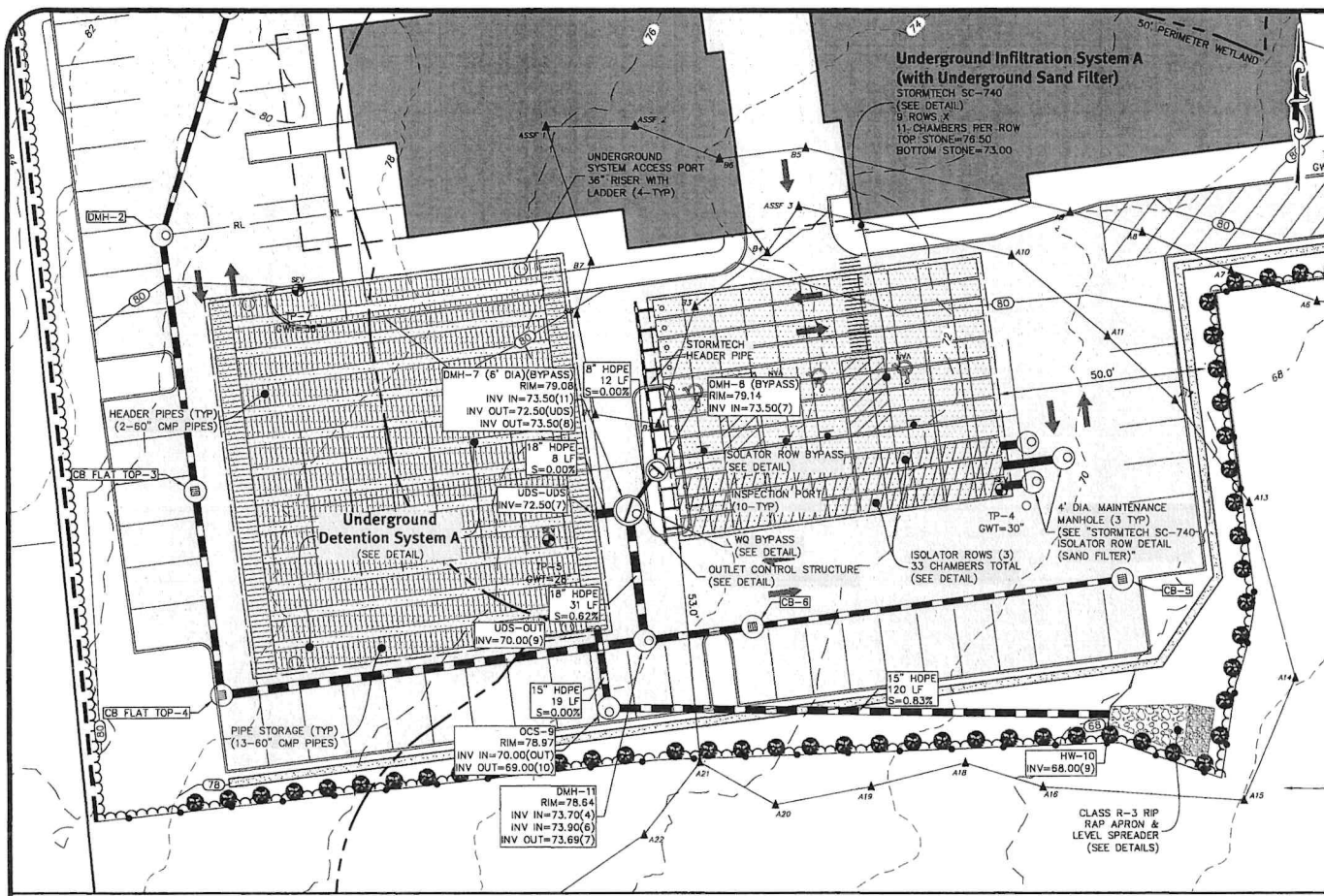
AP 111 Lot 1
 Bristol, Rhode Island

Owner:
D&M BOCA DEVELOPMENT, LLC Kendan, LLC
 10 Danvers and Sons
 92 France Corner Road, Suite 100
 North Dartmouth, MA 01927

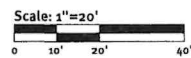
Applicant:
D&M BOCA DEVELOPMENT, LLC Kendan, LLC
 92 France Corner Road, Suite 100
 North Dartmouth, MA 01927

Design By: D.R.N.
 Design By: K.J.D.

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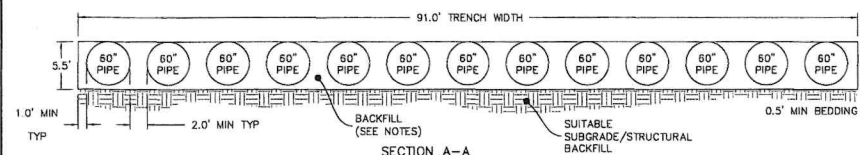
Underground Infiltration/Detention System A (UIS-A & UDS-A)



NOTES:

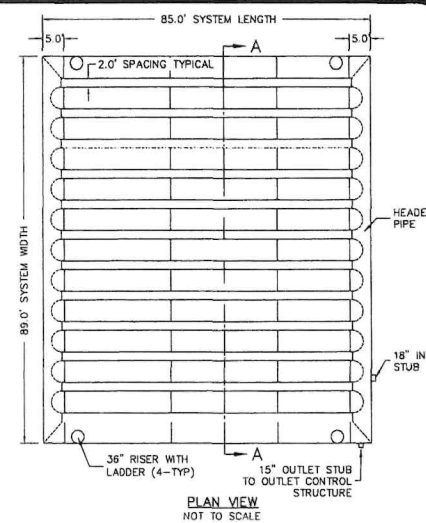
- STRUCTURAL BACKFILL: SELECT MATERIALS SUCH AS BANK RUN GRAVEL OR OTHER PROCESSED GRANULAR MATERIALS LESS THAN 3 IN. MAXIMUM WITH EXCELLENT STRUCTURAL CHARACTERISTICS ARE PREFERRED. CONTRACTOR TO PROVIDE SIEVE ANALYSIS OF BACKFILL MATERIAL TO DESIGN ENGINEER PRIOR TO CONSTRUCTION.
- STRUCTURAL BACKFILL PLACEMENT: STRUCTURAL BACKFILL SHALL BE PLACED IN LAYERS FROM 6 TO 12 IN. IN DEPTH DEPENDING ON THE TYPE OF MATERIAL AND COMPACTION EQUIPMENT OR METHOD. EACH LAYER OR "LIFT" SHALL BE COMPACTED TO 95% PROCTOR DENSITY BEFORE ADDING THE NEXT.
- PIPE SHALL BE HDPE OR ALUMINIZED TYPE 2. ALL PIPE MUST BE WATER TIGHT. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO DESIGN ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.
- HEADER PIPE CAN BE CUSTOM MANUFACTURED OR CONSTRUCTED USING PIPE FITTINGS. CONTRACTOR TO PROVIDE SHOP DRAWINGS TO DESIGN ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

DESCRIPTION	UDS-A	UDS-B
TOP OF UDS STONE ELEVATION	75.00	70.50
BOTTOM OF UDS STONE ELEVATION	69.50	68.50
100 YEAR STORM ELEVATION	73.42	70.26
10 YEAR STORM ELEVATION	71.13	70.14
1 YEAR STORM ELEVATION	70.35	70.02
SEASONAL HIGH CWT ELEVATION	73.50	68.00
SOIL EVALUATION	TP-5	TP-6



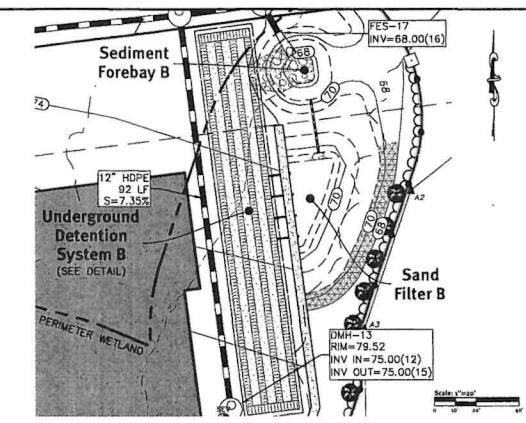
Underground Detention System A

NOT TO SCALE

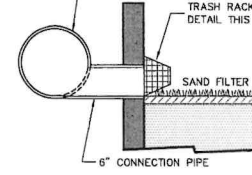


Underground Detention System A

NOT TO SCALE

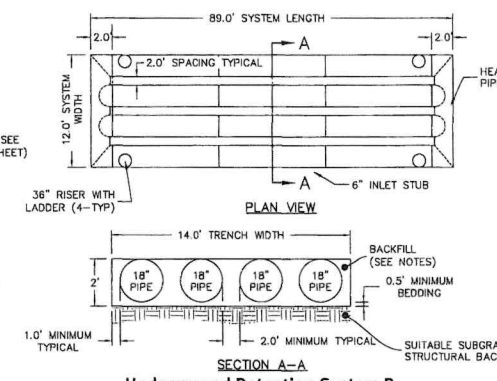


Underground Detention System B (UDS-B)



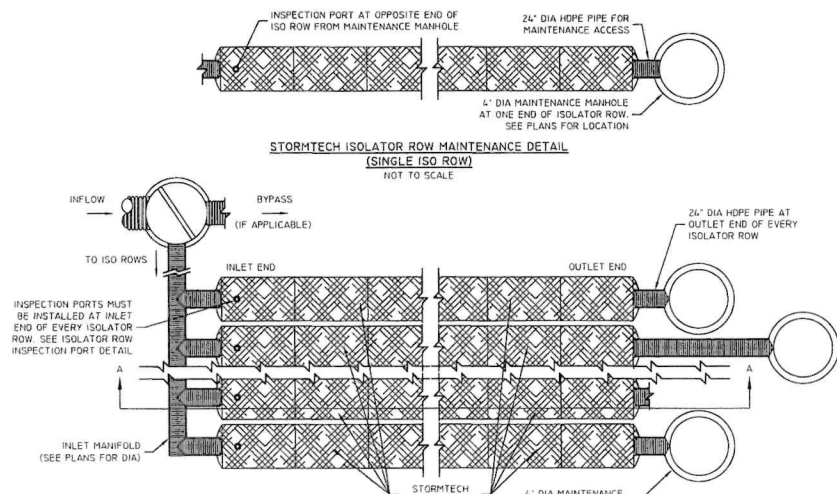
TYPICAL SAND FILTER UDS-B CONNECTION

NOT TO SCALE



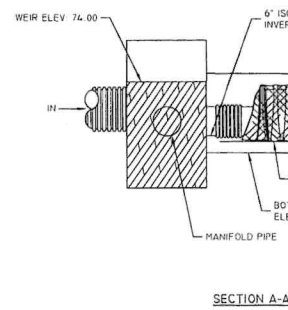
Underground Detention System B

NOT TO SCALE

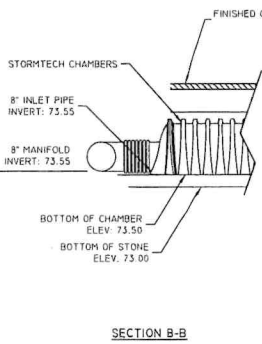


STORMTECH ISOLATOR ROW MAINTENANCE DETAIL (SINGLE ISO ROW)

NOT TO SCALE



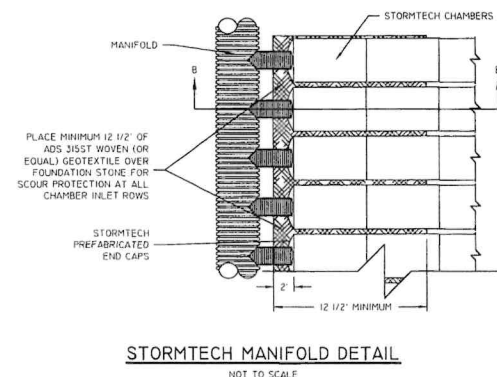
SECTION A-A



SECTION B-B

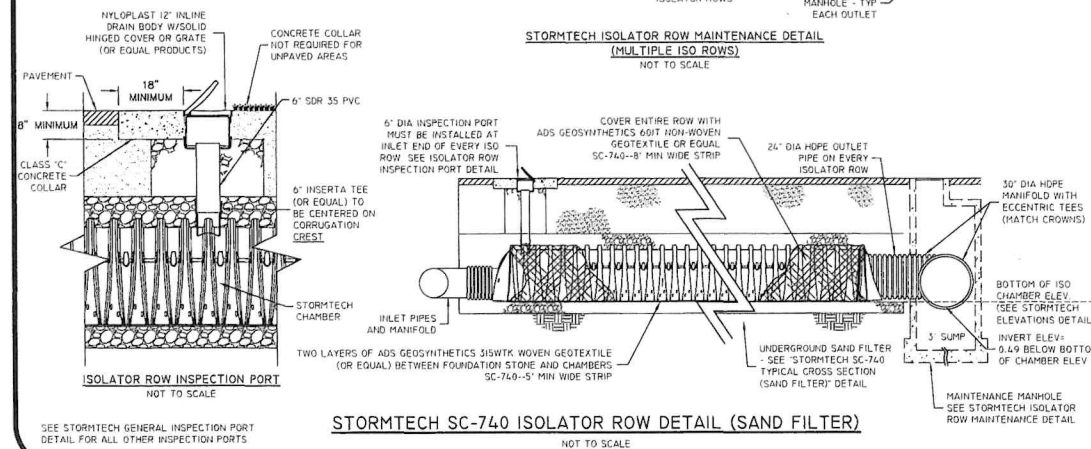
STORMTECH ELEVATIONS

NOT TO SCALE



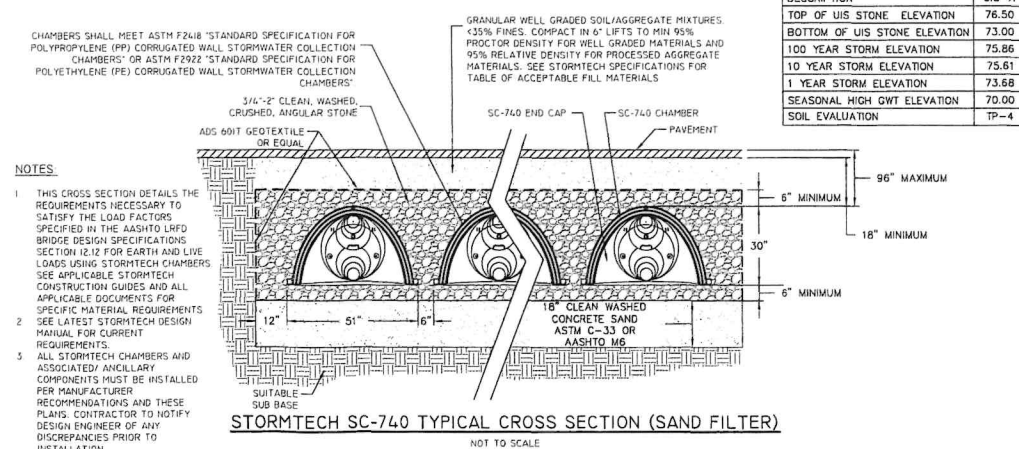
STORMTECH MANIFOLD DETAIL

NOT TO SCALE



STORMTECH SC-740 ISOLATOR ROW DETAIL (SAND FILTER)

NOT TO SCALE



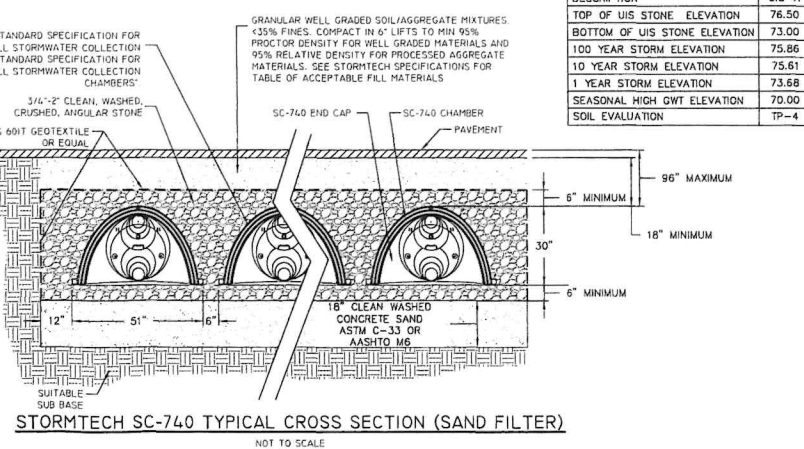
STORMTECH SC-740 TYPICAL CROSS SECTION (SAND FILTER)

NOT TO SCALE

DESCRIPTION	UIS-A
TOP OF UIS STONE ELEVATION	76.50
BOTTOM OF UIS STONE ELEVATION	73.00
100 YEAR STORM ELEVATION	75.86
10 YEAR STORM ELEVATION	75.61
1 YEAR STORM ELEVATION	73.68
SEASONAL HIGH CWT ELEVATION	70.00
SOIL EVALUATION	TP-4

NOTES:

- THIS CROSS SECTION DETAILS THE REQUIREMENTS NECESSARY TO SATISFY THE LOAD FACTORS SPECIFIED IN THE ASHTO L100 BRIDGE DESIGN SPECIFICATIONS. SECTION 12.12 FOR EARTH AND LIVE LOADS USING STORMTECH CHAMBERS. SEE APPLICABLE STORMTECH CONSTRUCTION GUIDES AND ALL APPLICABLE DOCUMENTS FOR SPECIFIC MATERIAL REQUIREMENTS. SEE LATEST STORMTECH DESIGN MANUAL FOR CURRENT REQUIREMENTS.
- ALL STORMTECH CHAMBERS AND ASSOCIATED ANCILLARY COMPONENTS MUST BE INSTALLED PER MANUFACTURER RECOMMENDATIONS AND THESE PLANS. CONTRACTOR TO NOTIFY DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION.



STORMTECH GENERAL INSPECTION PORT DETAIL

NOT TO SCALE

DiPrete Engineering
 90 Broadway, Newport, RI 02840
 Tel: (401) 639-9800, Fax: (401) 664-6006, www.diprete-eng.com
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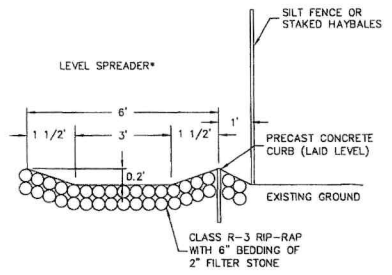
KEVIN DEMERS
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

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No.	Date	Description	By
1	05-15-2023	ISSUE FOR CONSTRUCTION	KJD
2	07-26-2023	ADD 18" DIA. HOPE PIPE FOR MAINTENANCE ACCESS	KJD
3	08-09-2023	ADD 18" DIA. HOPE PIPE FOR MAINTENANCE ACCESS	KJD
4	12-21-2023	ADD 18" DIA. HOPE PIPE FOR MAINTENANCE ACCESS	KJD

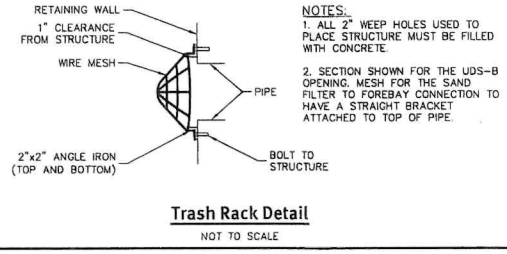
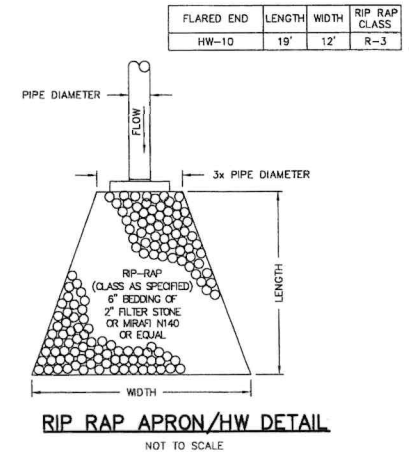
Drawn By: D.R.N. Design By: K.J.D.

Underground Systems A & B Details
Mainstay/Sleep Inn Hotel
 AP 111.101.1
 Bristol, Rhode Island
D&M BOCA DEVELOPMENT, LLC
 110 Danvers and Sons
 North Danvers, MA 01927
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 SHEET 8 OF 11

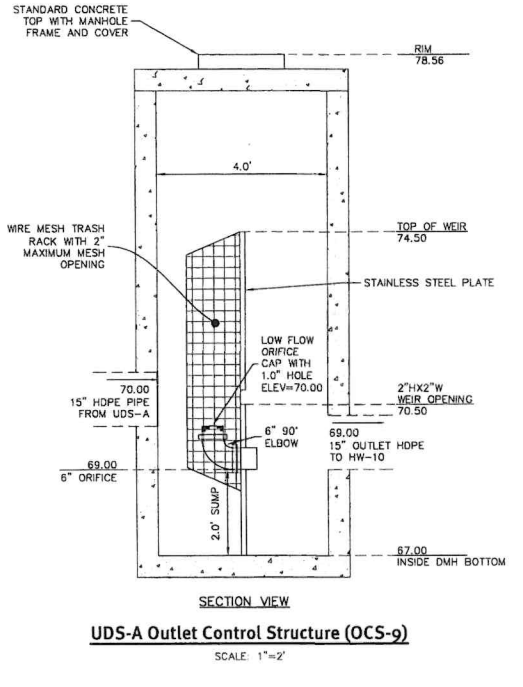


NOTE:
* LENGTHS AS SPECIFIED ON SITE PLANS

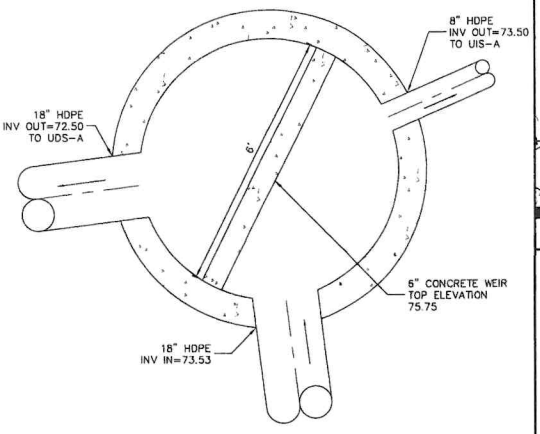
Level Spreader
NOT TO SCALE



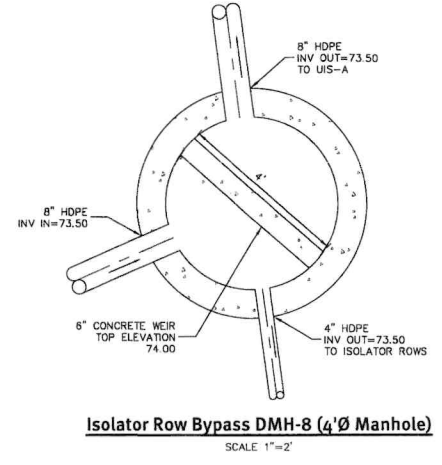
Trash Rack Detail
NOT TO SCALE



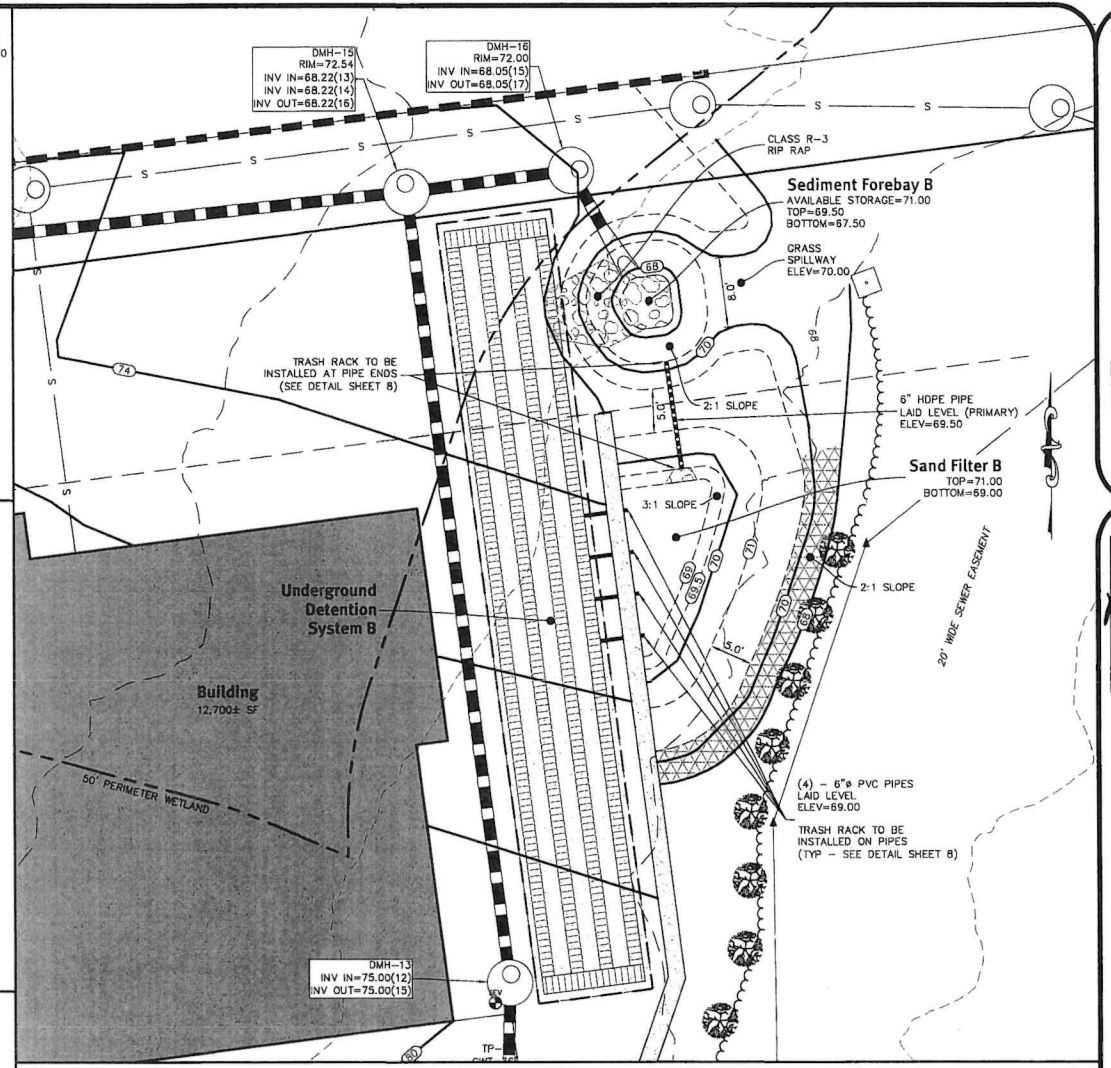
UDS-A Outlet Control Structure (OCS-9)
SCALE: 1"=2'



WQ Bypass DMH-7 (6" Manhole)
SCALE: 1"=2'



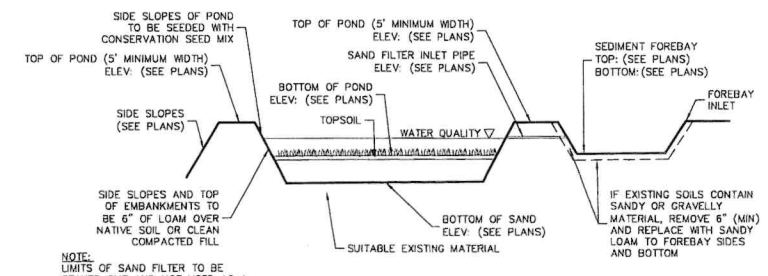
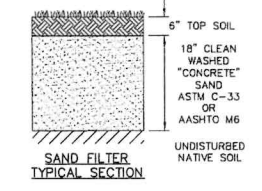
Isolator Row Bypass DMH-8 (4" Manhole)
SCALE: 1"=2'



Sand Filter B



DESCRIPTION	SF-B
TOP OF POND ELEVATION	71.00
100 YEAR STORM ELEVATION	70.25
10 YEAR STORM ELEVATION	70.14
1 YEAR STORM ELEVATION	70.02
WQ STORM ELEVATION	69.36
BOTTOM OF POND ELEVATION	69.00
TOP SOIL DEPTH	6"
SAND DEPTH	18"
BOTTOM OF SAND ELEVATION	67.00
SEASONAL HIGH CWT ELEVATION	66.00
SOIL EVALUATION	TH-6



Sand Filter BMP System
NOT TO SCALE

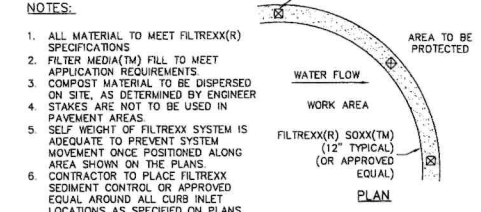
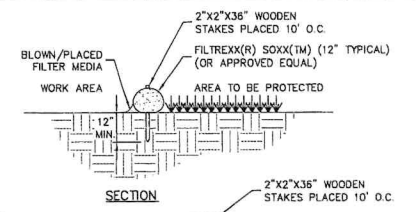
DiPrete Engineering
90 Broadway Newport, RI 02840
Tel: 401-619-5900 Fax: 401-464-6006 www.diprete-eng.com

KEVIN DEMERS
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	01-23-2023	Issue for Construction	KLD
2	01-23-2023	Issue for Construction	KLD
3	01-23-2023	Issue for Construction	KLD
4	01-23-2023	Issue for Construction	KLD

Sand Filter B and Details
Mainstay/Sleep Inn Hotel
AP 111 Lot 1
Bristol, Rhode Island
Applicant: **D&M BOCA DEVELOPMENT, LLC**
Owner: **Kendall, LLC**
610 Donnellan and Sons
92 Justice Corner Road, Suite 100
North Dartmouth, MA 02747



Filtrexx Sediment Control (or Approved Equal)
NOT TO SCALE

- NOTES:**
1. ALL MATERIAL TO MEET FILTREXX(R) SPECIFICATIONS
 2. FILTER MEDIA(TM) FILL TO MEET APPLICATION REQUIREMENTS
 3. COMPOST MATERIAL TO BE DISPENSED 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 MOVEMENT ONCE POSITIONED ALONG AREA SHOWN ON THE PLANS
 6. CONTRACTOR TO PLACE FILTREXX SEDIMENT CONTROL OR APPROVED EQUAL AROUND ALL CURB INLET LOCATIONS AS SPECIFIED ON PLANS.

GENERAL NOTES:

1. THE TEMPORARY SEDIMENT TRAP SHALL MEET ALL REQUIREMENTS FOR TEMPORARY SEDIMENT TRAPS OUTLINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION) SECTION SIX: SEDIMENT CONTROL MEASURES
2. THE TEMPORARY SEDIMENT TRAP SHALL HAVE AN INITIAL STORAGE VOLUME OF 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA.
3. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER EXCEPT FOR THE EXCAVATED WET STORAGE AREA WHERE SLOPES SHALL NOT EXCEED 1.5:1.
4. THE OUTLET SHALL BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET.
5. THE OUTLET CONSISTS OF A PERVIOUS STONE DIKE WITH A CORE OF MODIFIED RIPRAP AND FACED ON THE UPSTREAM SIDE WITH STONE.
6. TEMPORARY SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED GROUND.
7. MAXIMUM HEIGHT OF A TEMPORARY SEDIMENT TRAP EMBANKMENT IS LIMITED TO 5 FEET.
8. SIDE SLOPES OF THE EMBANKMENT SHALL BE 2:1 OR FLATTER
9. MODIFIED RIPRAP: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2
10. FILTER STONE: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.01.03 TABLE I, COLUMN V FILTER STONE.

INSPECTION, MAINTENANCE, AND REMOVAL REQUIREMENTS:

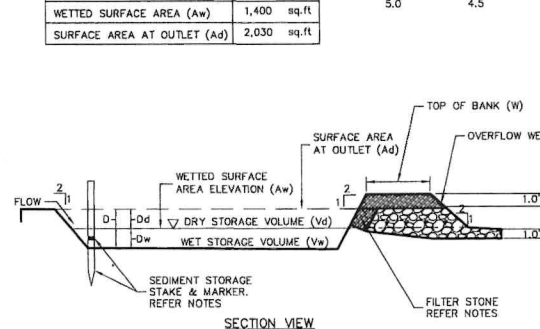
1. INSTALL "SEDIMENT STORAGE" STAKE WITH A MARKER AT ONE HALF OF THE WET STORAGE VOLUME.
2. INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
3. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
4. CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE.
5. WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
6. DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA.
7. THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

INSTALLATION NOTES:

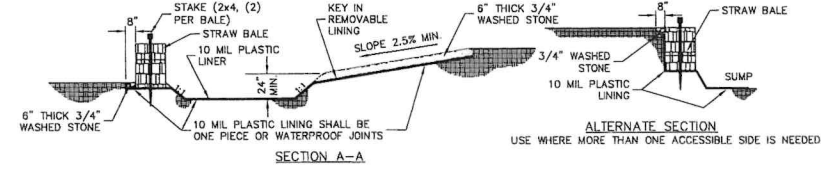
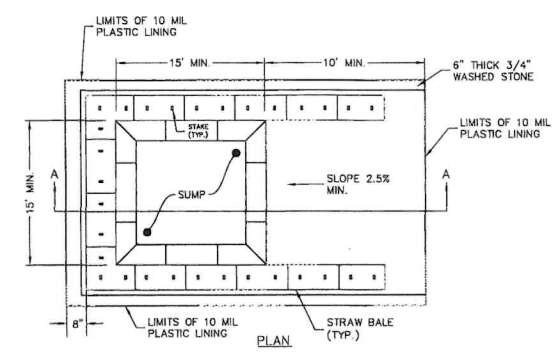
1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
2. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
3. EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED
5. STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES: SEEDING FOR TEMPORARY VEGETATION COVER; SEEDING FOR PERMANENT VEGETATIVE COVER; OR SLOPE PROTECTION, IMMEDIATELY AFTER INSTALLATION

SEDIMENT TRAP DIMENSIONS		TRAP 1	
TRIBUTARY DRAINAGE AREA	1.15 ac		
WET STORAGE DEPTH (D _w)	2.00 ft		
DRY STORAGE DEPTH (D _d)	2.00 ft		
TOTAL DEPTH (D)	4.00 ft		
BOTTOM OF TRAP AREA (A _b)	850 sq.ft		
WETTED SURFACE AREA (A _w)	1,400 sq.ft		
SURFACE AREA AT OUTLET (A _o)	2,030 sq.ft		

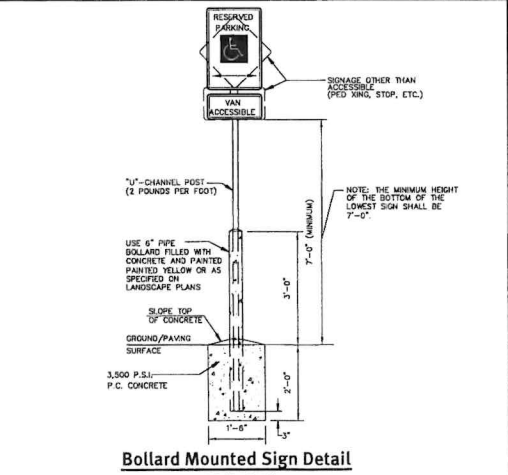
TOP WIDTH VS HEIGHT	
H=HEIGHT OF EMBANKMENT	W=TOP WIDTH OF EMBANKMENT
1.5	2.0
2.0	2.0
2.5	3.0
3.0	2.5
3.5	3.0
4.0	3.0
4.5	4.0
5.0	4.5



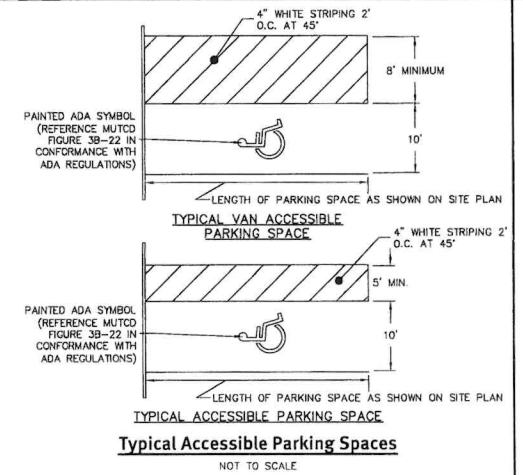
Temporary Sediment Trap Details
NOT TO SCALE



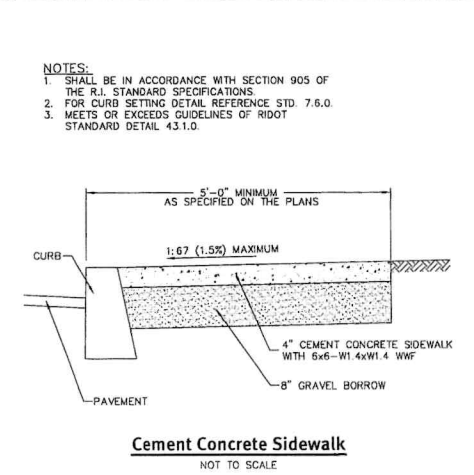
- CONCRETE WASHOUT AREA**
(NOT TO SCALE)
- NOTES:**
1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.
 2. WASH WATER SHALL NOT BE ALLOWED TO FLOW TO SURFACE WATER.
 3. FACILITY MUST HOLD SUFFICIENT VOLUME TO CONTAIN CONCRETE WASTE 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.



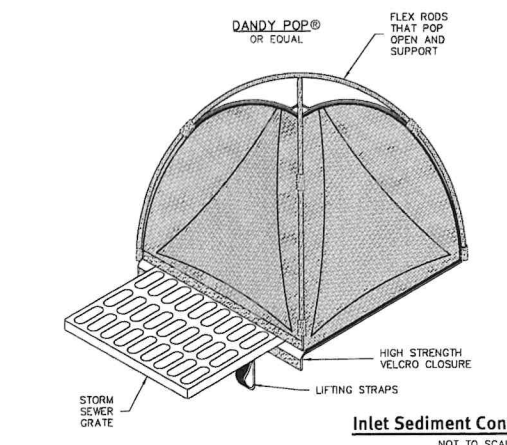
Bollard Mounted Sign Detail
NOT TO SCALE



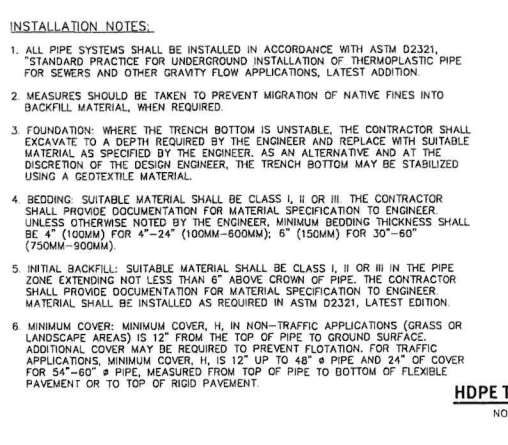
Typical Accessible Parking Spaces
NOT TO SCALE



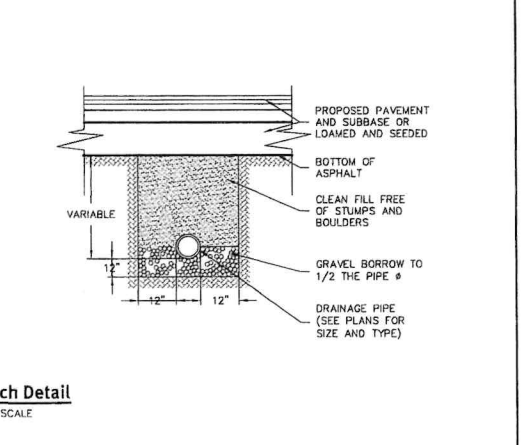
Cement Concrete Sidewalk
NOT TO SCALE



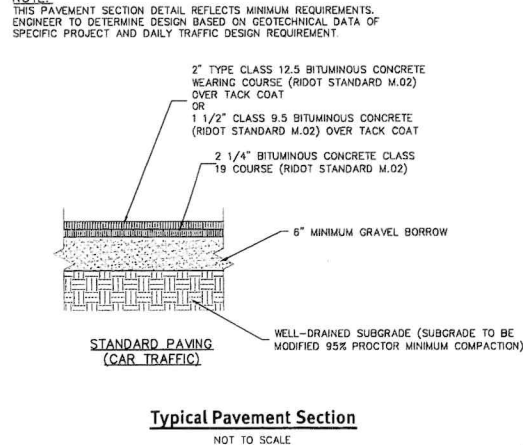
Inlet Sediment Control Devices
NOT TO SCALE



HDPE Trench Detail
NOT TO SCALE



Typical Pavement Section
NOT TO SCALE



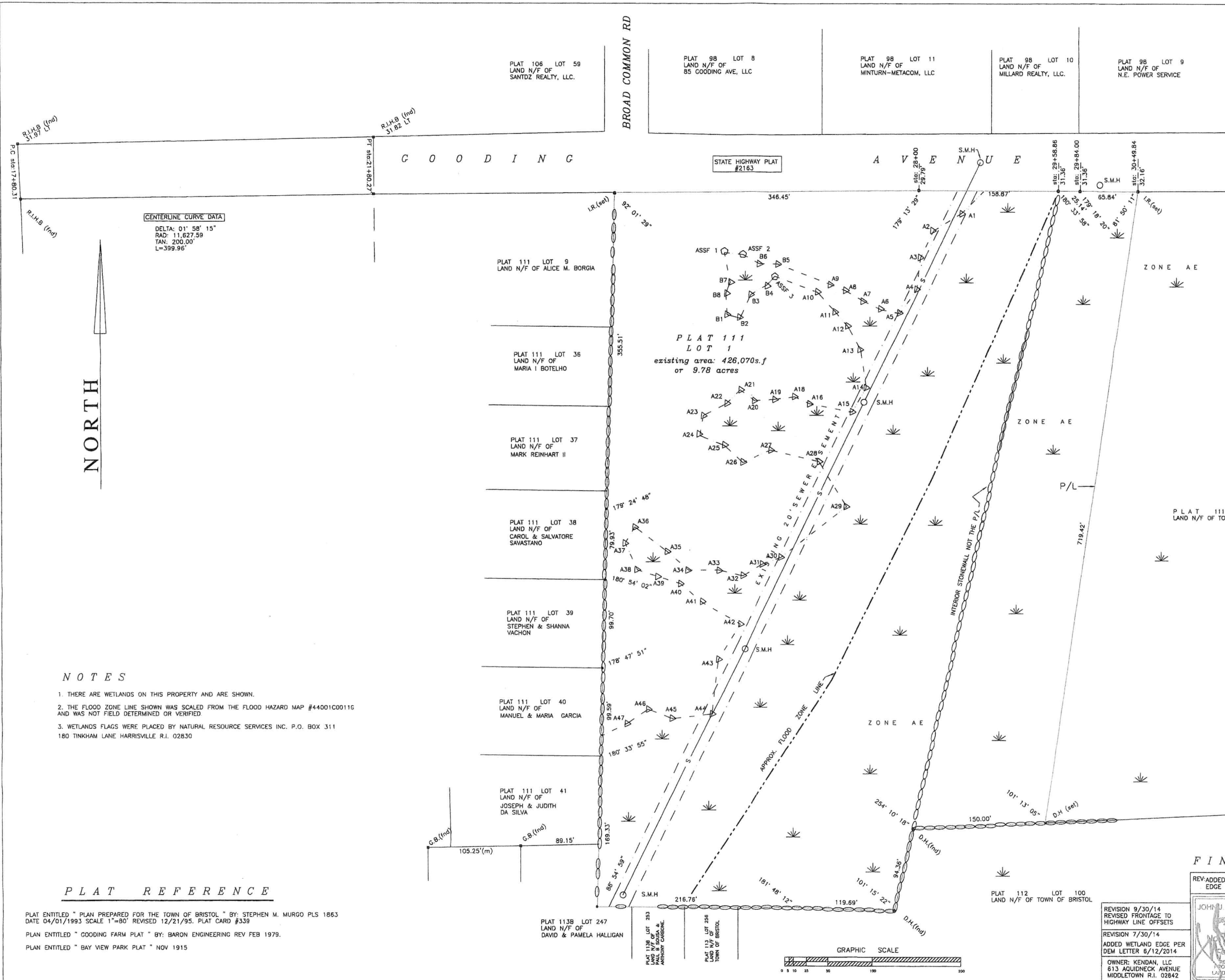
STANDARD PAVING (CAR TRAFFIC)
NOT TO SCALE

KEVIN DEMERS
REGISTERED PROFESSIONAL ENGINEER
CIVIL

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No.	Date	Description	By	Design By: K.L.D.
1	05-27-2025	REVISED PER COMMENTS	A.A.	
2	05-27-2025	REVISED PER COMMENTS	A.A.	
3	05-27-2025	REVISED PER COMMENTS	A.A.	
4	05-27-2025	REVISED PER COMMENTS	A.A.	



CENTERLINE CURVE DATA
 DELTA: 01° 58' 15"
 RAD: 11,627.59
 TAN: 200.00
 L=399.96

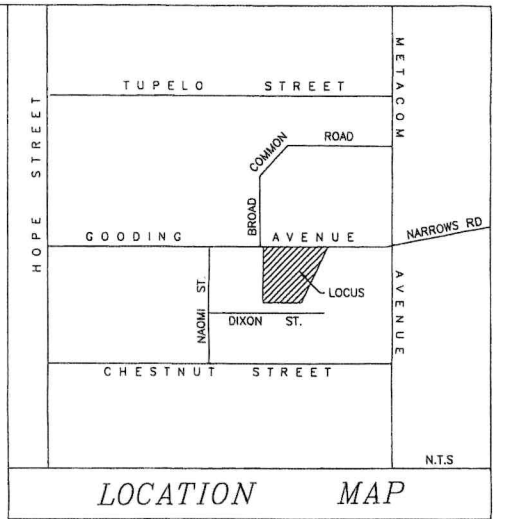
NORTH

NOTES

1. THERE ARE WETLANDS ON THIS PROPERTY AND ARE SHOWN.
2. THE FLOOD ZONE LINE SHOWN WAS SCALED FROM THE FLOOD HAZARD MAP #44001C00116 AND WAS NOT FIELD DETERMINED OR VERIFIED
3. WETLANDS FLAGS WERE PLACED BY NATURAL RESOURCE SERVICES INC. P.O. BOX 311 180 TINKHAM LANE HARRISVILLE R.I. 02830

PLAT REFERENCE

PLAT ENTITLED " PLAN PREPARED FOR THE TOWN OF BRISTOL " BY: STEPHEN M. MURGO PLS 1863 DATE 04/01/1993 SCALE 1"=80' REVISED 12/21/95. PLAT CARD #339
 PLAN ENTITLED " GOODING FARM PLAT " BY: BARON ENGINEERING REV FEB 1979.
 PLAN ENTITLED " BAY VIEW PARK PLAT " NOV 1915



LEGEND

- I.R. IRON ROD
- G.B. GRANITE BOUND
- R.I.H.B. RHODE ISLAND HIGHWAY BOUND
- S- SEWER LINE
- S.M.H. SEWER MANHOLE
- P/L PROPERTY LINE
- STONEWALL
- WETLAND AREA
- △ AE17 WETLAND FLAG
- (M) MEASURED DISTANCE
- D.H. DRILL HOLE


ZONING

G.B. ZONE
 MINIMUM LOT AREA : 10,000 S.F.
 MINIMUM LOT WIDTH: 100'
 MINIMUM LOT FRONTAGE: 100'
 BUILDING SETBACKS
 FRONT: 25'
 SIDE: 10'
 REAR: 30'

THIS PLAN AND SURVEY CONFORM TO A CLASS I STANDARD AS ADOPTED BY THE RHODE ISLAND BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS.

BY: *John J. Barker, Jr.* PLS #1885

FINAL PLAN

REV-ADDED NEW WETLAND EDGE 5/8/14 JJB	BARKER LAND SURVEYING, INC. 168 HIGH ST., BRISTOL, R.I. 02809 (401) 254-0824
REVISION 9/30/14 REVISED FRONTAGE TO HIGHWAY LINE OFFSETS	
REVISION 7/30/14 ADDED WETLAND EDGE PER DEM LETTER 6/12/2014	
OWNER: KENDAN, LLC 613 AQUIDNECK AVENUE MIDDLETOWN R.I. 02842	PROPERTY LINE SURVEY for KENDAN, LLC PLAT 111 LOT 1 GOODING AVENUE BRISTOL R.I. 02809 DWG NO. SCALE DATE DRAWN BY SHEET 110409WEST 1"=50' 3/19/13 JJB 11 of 11

