# TOWN OF BRISTOL, RHODE ISLAND

#### TECHNICAL REVIEW COMMITTEE

Technical Review Committee Agenda
Tuesday, August 26, 2025 at 1:00 PM
Community Development Office Conference Room, 235 High Street,
1st Floor, Bristol, RI 02809

- A. Pledge of Allegiance
- B. Agenda Item

#### **B1**. Agenda Item

Review of Master Plan phase for Major Land Development of the Comfort Inn and Suites to build an 80 room hotel. Property on south side of Gooding Avenue approximately 50 feet east of the intersection of Gooding Avenue and Broadcommon Road, near utility pole #218. Owner: D & M Boca Development, LLC Zoned: GB. Assessor's Plat 111 Lot 1.

#### C. Adjournment

Date Posted: August 13, 2025

Posted By: mbw

#### Town of Bristol, Rhode Island



Department of Community Development

10 Court Street Bristol, RI 02809 www.bristolri.us 401-253-7000 f. 401-253-3080

#### CERTIFICATE OF COMPLETENESS

Major Land Development Comfort Inn and Suites

Master Plan Phase

Gooding Avenue

August 13, 2025

TO:

D and M Boca, Owner/Applicant

Chris Duhamel, Engineer

Michael Kelly, Esq. Michael Resnick, Esq.

FROM:

Diane M. Williamson, Administrative Officer

RE:

Major Land Development - Master Plan Phase Comfort Inn and Suites

Pursuant to the Bristol Land Development and Subdivision Review regulations the plans and supporting documentation for the above-referenced plan, which were submitted on May 23, 2025 with supplemental materials provided on June 6, 2025 and August 8, 2025 are deemed complete on August 13, 2025 for the purposes of commencing review. Please note that the Planning Board may subsequently require correction of any information found to be in error and submission of additional information not required for certification, as is necessary to make an informed decision.

Per the Planning Board regulations, the timeframe for a decision is 90 days from the date of certification which is November 11, 2025 unless an extension is mutually agreed upon in writing by the applicant and the Planning Board.

Diane M. Williamson, Administrative Officer



August 7, 2025

Diane M. Williamson, Administrative Officer Bristol Department of Community Development 10 Court Street Bristol, RI 02809

RE: Master Plan Incompleteness- supplemental submission

Proposed Comfort Inn, Gooding Avenue

Bristol, Rhode Island Project #: 2536-001-B01

Dear Ms. Williamson:

DiPrete Engineering respectfully submits the following submission to remove the request for Master plan checklist waivers.

Items of the checklist that are provided include:

E2. Renderings, elevation or photographs to illustrate the visual impact of a proposed commercial development.

The Colored Elevation rendering is attached and the cadd drawing is provided on a zip file link.

E3g. a general view shed analysis showing the location and extent of significant views into the property from adjacent public streets.

The attached Colored Elevation is provided.

E26. A photometric plan.

The attached photometric plan analysis is provided.

E27. Renderings to illustrate the visual impact on abutting property.

The attached colored elevation is provided.

E28. Signage including location, size, design and illumination.

The attached elevation plan A201 has proposed 15 sf signage, back lit.

D15/E11. Provide written statement by the Bristol Water Pollution Control Department.

An update on the plan approval for tie into the Bristol of connection is provided dated 8/5/2025.

Other. Landscape Architecture Plan

Provided as requested.

Other. Architectural autocadd drawings

Provided as requested.

Please find below the link to the architectural drawings for the following:

BOSTON PROVIDENCE NEWPORT | Two Stafford Court Cranston, Rhode Island 02920 | 401-943-1000

Page 2 of 2

Colored Elevation Rendering with Site Context

A201 Elevation PDF

Zipped file of CAD Base Plans

Zipped file of CAD Elevations

Lighting Photometrics of the building

2025-08-06 Sept Planning Bd

Please feel free to contact me if you have any further questions regarding this matter.

Sincerely,

DiPrete Engineering Associates, Inc.

Christopher Duhamel, PE, PLS

Principal

cduhamel@diprete-eng.com

cc: Dennis DeGrazia Michael Kelly, Esq.



PERMIT

Bk: 2287 Pg: 330 Instr: 2025-1521



# RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES

235 Promenade Street Providence, Rhode Island 02908

July 10, 2025

D & M Boca Development, LLC c/o Dennis DeGrazia 92 Faunce Corner Road, Suite 160 Dartmouth, MA 02747

#### REVISED PERMIT

**Re:** Wetlands Application No. 22-0264, RIPDES No. RIR101247, and UIC No. 001650 in reference to the property and proposed project located:

Approximately 150 feet south of Gooding Avenue, and approximately 300 feet southeast of its intersection with Broadcommon Road, near Utility Pole No. 218, Assessor's Plat 111, Lot 1, Bristol, RI.

Dear Mr. DeGrazia:

The Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your **Application for Permit Modification** to the permitted 80-room hotel and associated parking area, screen plantings, retaining wall, stormwater mitigation systems, and utilities (electrical utility connection and connections to town water line, gas line, and sewer line) and has evaluated your proposed modifications, which include changing the layout of the hotel and parking lot and changes to the stormwater mitigation systems as illustrated and detailed on revised site plans submitted with your application. The revised site plans were received on April 9, 2025.

Based upon the Program's evaluation of the revised project and pursuant to 250-RICR-150-15-3.14.3 of the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act, 250-RICR-150-15-3, it is the Program's determination that a revised permit for the modified project may be issued under the following terms and conditions:

- 1. This letter is the DEM's revised permit for this project under the R.I. Fresh Water Wetlands Act, R.I. Gen. Laws § 2-1-18 et seq.
- 2. This revised permit is specifically limited to the project, site alterations and limits of disturbance as detailed on the site plans submitted with your application and received by the DEM on April 9, 2025. A copy of the site plans stamped approved by the DEM is enclosed. Changes or revisions to the project, which would alter freshwater wetlands are not authorized without a permit from the DEM.
- 3. Where the terms and conditions of the revised permit conflict with the approved site plans, these terms and conditions shall be deemed to supersede the site plans.
- 4. A copy of the stamped approved site plans and a copy of this revised permit must be kept at the site at all times during site preparation, construction, and final stabilization. Copies of this revised permit and the stamped approved plans must be made available for review by any DEM or town representative upon request.

- 5. Within ten (10) days of the receipt of this revised permit, you must record this permit in the land evidence records of the Town of Bristol and supply this Program with written documentation obtained from the Town showing this revised permit was recorded.
- The long-term operation and maintenance plan shall be strictly followed. The long-term operation 6. and maintenance plan shall be that entitled "Operation & Maintenance Plan, Mainstay / Sleep Inn Hotel, Located in Bristol, Rhode Island; Applicant: D & M Boca Development", dated 1-23-2018, Revised 2-28-2024, dated received 1/16/2025, prepared by DiPrete Engineering.
- Where the site plans depict a retaining wall over the proposed Northern white cedar (Thuja 7. occidentalis) plantings, those plantings must be installed at the base of the retaining wall. You must notify this Program in writing upon completion of the required plantings for a compliance inspection by a Program representative. This must be fulfilled prior to on-site operations.
- 8. This revised permit expires on December 6, 2025, unless renewed pursuant to the Rules.

Except as authorized in this revised permit pursuant to revised and approved site plans (enclosed), all terms and conditions previously specified in the Program's permit dated December 6, 2024 (copy enclosed) remain in effect.

You are required to comply with the terms and conditions of this revised permit and to carry out this project in compliance with 250-RICR-150-15-3 at all times. Failure to do so may result in an enforcement action by the Program.

In permitting the proposed alterations, the DEM assumes no responsibility for damages resulting from faulty design or construction.

This revised permit does not remove your obligation to obtain any local, state, or federal approvals or permits required by ordinance or law and does not relieve you from any duties owed to adjacent landowners with specific reference to any changes in drainage.

Please contact me at this office at (telephone: 401-537-4194) should you have any questions regarding this letter.

Sincerely,

incereix, imartin D. wencek man 1/11/2025 Martin D. Wencek, Program Supervisor

Freshwater Wetlands Program

Office of Water Resources

MDW/JAL/jal

Enclosure: Original permit dated December 6, 2024

Nicholas Pisani, DEM Stormwater Program ec: Kevin DeMers, PE, DiPrete Engineering

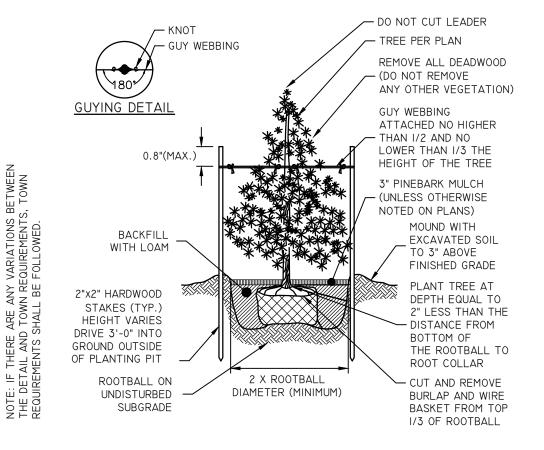
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s & DE ES S Comfort |

— GUY WEBBING — DO NOT CUT LEADER REMOVE ALL DEADWOOD (DO NOT REMOVE ANY VEGETATION) **GUY WEBBING** GUYING DETAIL ATTACHED NO HIGHER - THAN I/2 AND NO LOWER THAN I/3 THE 3" PINEBACK MULCH REMOVE ALL NURSERY (UNLESS OTHERWISE \_ PROTECTION DEVICES NOTED ON PLANS) PRIOR TO PLANTING MOUND WITH BACKFILL EXCAVATED SOIL WITH LOAM FINISHED GRADE 2"x2" HARDWOOD STAKES (TYP.) PLANT TREE AT HEIGHT VARIES DRIVE 3'-0" INTO DEPTH EQUAL TO GROUND OUTSIDE 2" LESS THAN THE DISTANCE FROM ROOTBALL BOTTOM OF ROOTBALL TO ROOT COLLAR ROOTBALL ON 2 X ROOTBALL UNDISTURBED -CUT AND REMOVE DIAMETER(MINIMUM) SUBGRADE BURLAP AND WIRE BASKET FROM TOP

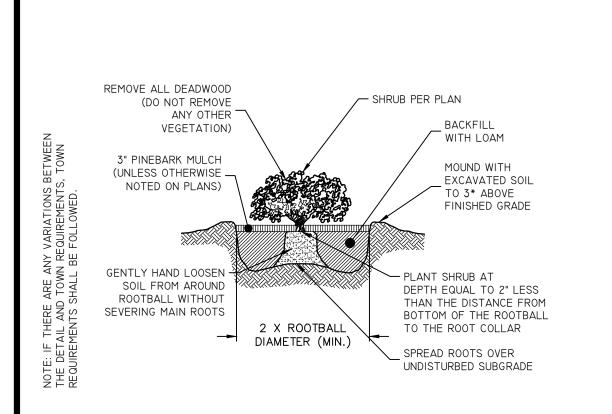
# LARGE TREE STAKING AND PLANTING DETAIL (2" CALIPER AND GREATER)

NOT TO SCALE

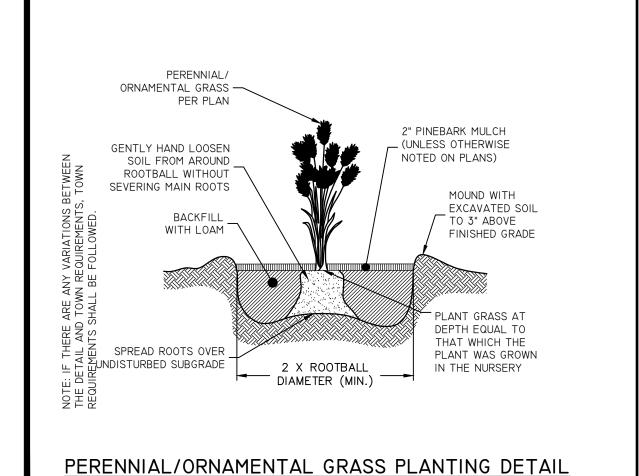


# EVERGREEN TREE PLANTING DETAIL (4'-0" HIGH AND GREATER)

NOT TO SCALE



# CONTAINER GROWN SHRUB PLANTING DETAIL NOT TO SCALE



# PLANT SCHEDULE

PLANT S	SCHEL	ULE				
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL
TREES						
	AC	1	ACER JAPONICUM 'GREEN CASCADE'	GREEN CASCADE FULLMOON MAPLE	4`/5` B&B	
+	CC	9	CRATAEGUS CRUS-GALLI	COCKSPUR HAWTHORN	B&B	2.5" CAL MIN
£ + }	KP	1	Koelreuteria paniculata	GOLDEN RAIN TREE	В&В	2.5" CAL MIN
+	LS	5	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SLENDER SILHOUETTE SWEET GUM	B&B	2.5" CAL MIN
£ + 33	SR	4	Syringa reticulata	Japanese Tree Lilac	B&B	2.5" CAL MIN
+	TC	2	Tilia cordata	LITTLELEAF LINDEN	B&B	2.5" CAL MIN
+ + + + + + + + + + + + + + + + + + + +	ZS	2	ZELKOVA SERRATA	Japanese Zelkova	B&B	2.5" CAL MIN
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	FIELD2
SHRUBS						
	CS	3	CORNUS SERICEA	RED TWIG DOGWOOD	3/4` HT	
+	НА	12	HYDRANGEA ARBORESCENS 'INCREDIBALL'	INCREDIBALL WHITE HYDRANGEA	5 GAL	
+	HQ	12	Hydrangea quercifolia 'Sike's Dwarf'	Sike's Dwarf Oakleaf Hydrangea	3 GAL	
£ + }	IC	39	ILEX CRENATA 'HELLERI'	HELER JAPANESE HOLLY	5 GAL	
$\odot$	ISC	9	ILEX CRENATA 'SKY PENCIL'	SKY PENCIL JAPANESE HOLLY	4/5` HT	
+	IS	12	ILEX GLABRA `SHAMROCK`	SHAMROCK INKBERRY HOLLY	5 GAL	
+	PL	13	PRUNUS LAUROCERASUS 'OTTO LUYKEN'	OTTO LUYKEN ENGLISH LAUREL	5 GAL	
()	RR	27	Rosa x 'Radwhite'	WHITE KNOCK OUT® ROSE	3 GAL	
+ + +	TT	29	THUJA OCCIDENTALIS 'TECHNY'	TECHNY ARBORVITAE	4/5` HT	
GRASSES						
	CXA	10	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	KARL FOERSTER FEATHER REED GRASS	2 GAL	
W.	CM	29	CAREX MUEHLENBERGII	SAND BRACTED SEDGE	I GAL	
34	FG	51	FESTUCA GLAUCA 'ELIJAH BLUE'	ELIJAH BLUE FESCUE	I GAL	
33000000000000000000000000000000000000	PV	22	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS	2 GAL	
MA JOHN MAN MAN MAN MAN MAN MAN MAN MAN MAN MA	РАН	42	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN FOUNTAIN GRASS	2 GAL	
PERENNIALS	<u>S</u>					
+	AB	18	ASTILBE X ARENDSII 'BRIDAL VEIL'	BRIDAL VEIL ASTILBE	GAL	
	HP	12	HOSTA PLANTAGINEA	FRAGRANT HOSTA	I GAL	
	LM	60	LIRIOPE MUSCARI 'MONROE'S WHITE'	Monroe's White Lilyturf	I GAL	

## **BRISTOL ZONING REG ART VIII**

- (3) Setbacks. No parking or loading space or aisle (back-up space) shall be less than ten feet from any front lot line. No parking space or aisle shall be less than five feet from any building, except where greater setbacks are required. Parking spaces less than ten feet from any building shall be separated from such building by raised curb, bumper or wheel guards. The requirements of this subsection shall not apply to detached single or two-family
- (10) Screening. Where a loading area or an off-street parking area for four or more cars is located in or adjacent to a residential zone or use, a landscaped buffer of at least three feet in width, together with an opaque fence or a compact evergreen screen not less than five feet in height shall separate such area and the adjoining property or street.
- (11) Landscaping. For parking areas with more than 20 spaces located in any zone, the interior of such parking areas shall be suitably landscaped with trees, shrubs, vegetation or ground cover. Such areas shall be appropriately located to prevent long, uninterrupted rows of parking spaces. landscaped areas shall be separated and protected from parking areas by curbing or other means. Where trees are required, such trees shall meet the requirements set forth in the design guidelines of the town subdivision and development review regulations at F.2.B(13). The following landscaping shall be provided:
- a. Along the street frontage, a three-foot planted strip with one shade tree for every 40 feet of frontage.
- b. Along interior lot lines, a three-foot planted strip with one shade tree for every 50 feet of interior lot lines. A hedge of compact evergreens or other suitable plantings may be substituted for the planted strip.
- c. The interior of such parking areas shall have a minimum of ten square feet of landscaping for each parking space, and shall be shaded by deciduous trees. At maturity, each tree shall be presumed to shade a circular area having a radius of 15 feet with the trunk as the center. There shall be sufficient trees so that, using this standard, 20 percent of the parking area will be shaded. Trees shall be surrounded by a minimum of 180 square feet of unpaved area, which may be counted towards calculating the required landscaping.

Parking area or lot means all that portion of a development that is used by vehicles, the total area used for vehicular access, circulation, parking, loading, and unloading.

# BRISTOL SUBDIVISION REG F.2.B(13)

## (13) Street Trees.

Where existing tree growth is determined by the Planning Board or Technical Review Committee (TRC) to be insufficient, the Planning Board or TRC shall require the applicant to plant street trees along both sides of all new streets within developments or along the existing streets abutting the development in accordance with the approved landscape plan. Street trees shall be appropriate for the terrain, soil and climatic conditions encountered in the development, and in accordance with the following standards:

- (a) Location Street trees shall be planted within street rights-of-way along both sides of the street.
- (b) Spacing Trees shall be planted at distances of not less than thirty (30) feet nor more than fifty (50) feet apart along each side of the street pavement. At street corners, trees shall not be planted within twenty- five (25) feet of the intersecting right-of-way lines.
- (c) <u>Type</u> Trees shall be of nursery stock grown under local climatic conditions and of a type as recommended by the Bristol Conservation Commission and approved by the Planning Board. Species which have been introduced to this region by way of Bristol are preferred, including the following. For additional recommended tree species,
- reference Appendix H. (d) Size - The average trunk diameter measured at a height of six (6) inches above the finished grade shall be a minimum of two and one half (2½) inches at time of planting. Street trees shall have a minimum overall height of eight (8) feet.

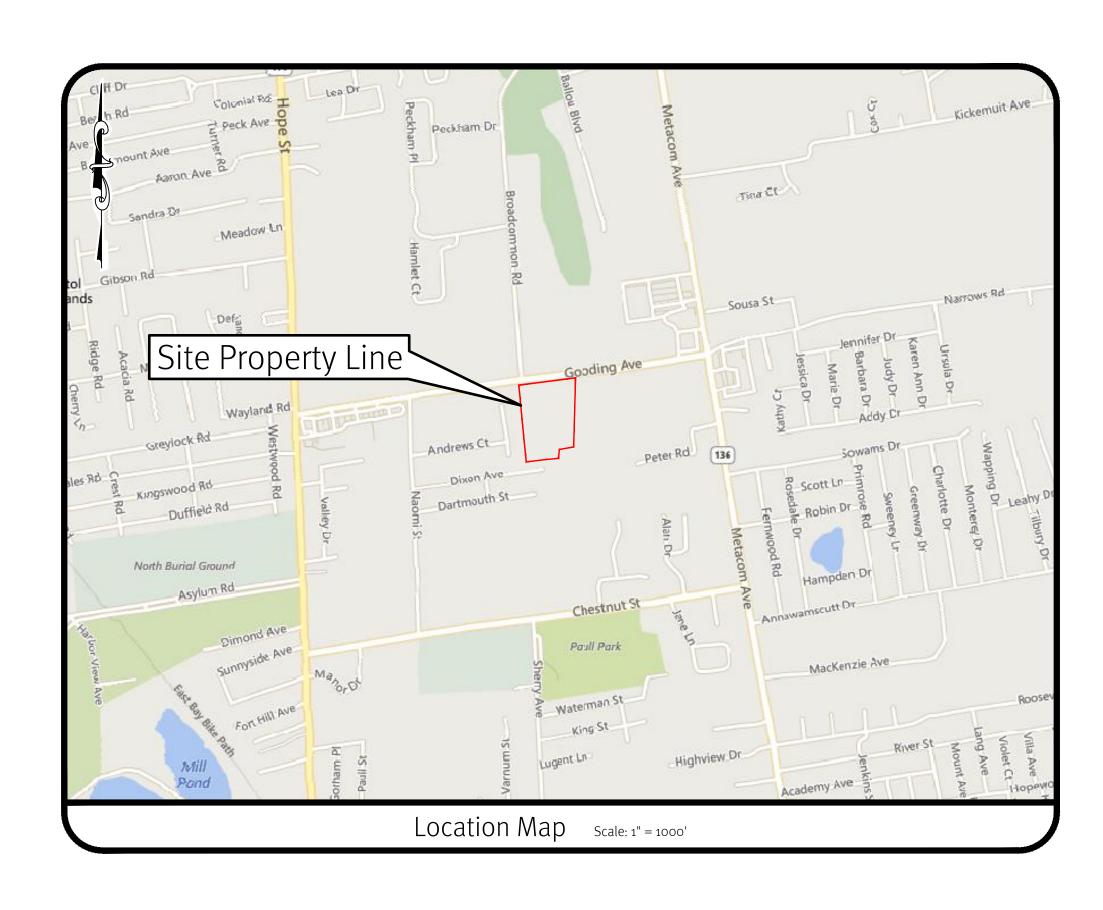
# Cover Sheet Comfort Inn

# Master Plan Submission

# Comfort Inn & Suites

Located on Gooding Avenue Bristol, Rhode Island

Assessor's Plat 111 Lot 1



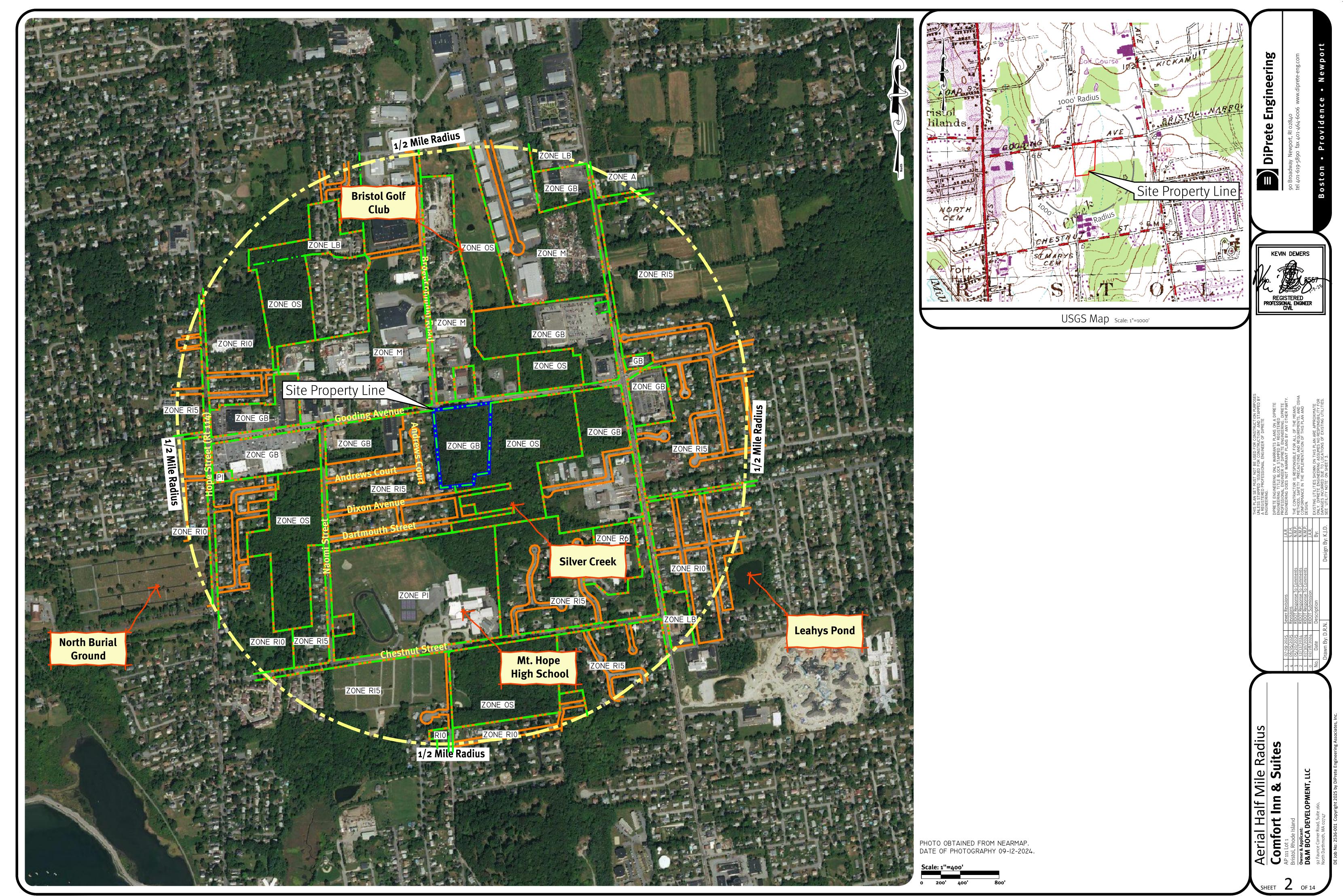
# **Sheet Index**

- General Notes and Legend
- Existing Resource Plan
- Erosion & Sediment Control Plan
- Site Layout Plan
- Grading Plan
- Drainage and Utilities Plan
- RIDOT ROW Improvements
- Underground System A & Details
- Underground System B, Sand Filter B & Details
- Detail Sheet 1
- Detail Sheet 2
- 14 Property Line Survey (Sheet 14 of 14) by Barker Land Surveying

# 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.

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.



#### **General Notes:**

- THE SITE IS LOCATED ON THE TOWN OF BRISTOL ASSESSOR'S PLAT 111 LOT 1.
- THE SITE IS APPROXIMATELY 9.78 ACRES, IS ZONED GB, AND IS CURRENTLY
- THE APPLICANT OF AP 111 LOT 1 IS: D&M BOCA DEVELOPMENT, LLC.

92 FAUNCE CORNER ROAD, SUITE 160 NORTH DARTMOUTH, MA 02747

- THIS SITE IS LOCATED IN FEMA FLOOD ZONES X AND AE. REFERENCE FEMA FLOOD INSURANCE RATE MAP 44001C0011H, MAP REVISED JULY 7, 2014.
- 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.
- THE SITE IS WITHIN A:

CONTAINS PRIME FARMLAND SOILS - NOT WITHIN DEVELOPMENT AREA SILVER CREEK WATERSHED

THE SITE IS NOT WITHIN A:

GROUNDWATER PROTECTION AREA

NATURAL HERITAGE AREA GROUNDWATER PROTECTION OVERLAY DISTRICT

RICRMC SAMP

NOT A TMDL IMPAIRED WATERWAY (SILVER CREEK) AS IDENTIFIED RIDEM NOT A TMDL IMPAIRED WATERWAY (TANYARD BROOK) AS IDENTIFIED RIDEM DRINKING SUPPLY WATERSHED

OWTS CRITICAL RESOURCE AREA ON THE NATIONAL REGISTER OF HISTORIC PLACES

THE TOWN OF BRISTOL'S HISTORIC DISTRICT TANYARD BROOK WATERSHED

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

- 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.
- THE SITE IS TO BE SERVICED BY PUBLIC WATER AND PUBLIC SEWER.
- 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.
- 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 RIDEM BEST MANAGEMENT PRACTICES.
- 12. THE SITE IS PROPOSED TO BE BUILT IN 1 PHASE.
- TEST PITS AND SOIL EVALUATIONS WERE COMPLETED BY SITEC, INC. ON 12/12/2014.

# **Soil Information:**

(REFERENCE: USDA NATURAL RESOURCES CONSERVATION SERVICE) SOIL NAME **DESCRIPTION** 

PITTSTOWN SILT LOAM, 0 TO 3 PERCENT SLOPES

STISSING SILT LOAM

URBAN LAND

**Plan References:** 

\*PRIME FARMLAND \*\*FARMLAND OF STATEWIDE IMPORTANCE

# INC. REVISED 9/30/14.

**Lidar Note:** 

PLAN ENTITLED "PROPERTY LINE SURBEY FOR KENDAN, LLC" BY BARKER LAND SURVEYING,

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 AUTHORITATIVE FIELD SURVEY

# **State Permits:**

- RIDEM PERMIT TO ALTER FRESHWATER WETLANDS: WETLANDS APP NO. 22-0264, RIPDES FILE NO. RIR101247. AND GROUNDWATER DISCHARGE/UIC NO. 001650 APPROVAL LETTER DATED DECEMBER 6, 2024.
- RIDOT PHYSICAL ALTERATION PERMIT APPLICATION NO. 24-20. PERMIT APPROVAL

# **Suitable Area Summary:**

TOTAL UNSUITABLE AREA = 6.81 ACRES (DELINEATED WETLANDS) TOTAL SUITABLE AREA = 9.78 - 6.81 = 2.97 ACRES

#### **Demolition Notes:**

- 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.
- CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONTRACTOR TO PERFORM DAILY SWEEPING AT CONSTRUCTION ENTRANCE DURING DEMOLITION AND CONSTRUCTION TO MINIMIZE SEDIMENTS ON GOODING AVENUE.
- ANY DAMAGE TO THE PROPERTY CAUSED BY THE CONTRACTOR SHALL BE REPAIRED

BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

- 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.
- 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:**

- 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.

#### **RIDOT Notes:**

- ALL WORK TO BE DONE WITHIN THE STATE RIGHT OF WAY MUST CONFORM TO RHODE ISLAND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. AUGUST 2023 EDITION WITH ALL REVISIONS. STANDARD DETAILS FOR THIS WORK ARE R.I. STANDARD DETAILS 1998 EDITION (AMENDED OCTOBER 2022) WITH ALL
- CONTRACTOR MUST OBTAIN A UTILITY CONNECTION PERMIT FOR WORK WITHIN THE STATE RIGHT-OF-WAY (ROW) PRIOR TO CONSTRUCTION. THE PHYSICAL ALTERATION PERMIT (PAP) IS NOT A SUBSTITUTE FOR THE UTILITY PERMIT AND THE PAP DOES NOT CONSTITUTE AN APPROVAL OF ANY UTILITY WORK.
- ALL TRAFFIC CONTROL MUST CONFORM TO THE MUTCD, LATEST EDITION, WITH ALL REVISIONS.
- NO LANE OR SHOULDER CLOSURES ARE ALLOWED TO BE PERFORMED WITHIN THE STATE ROW DURING PEAK TRAFFIC HOURS. SEWER AND WATER CONNECTIONS WITHIN THE STATE ROW WILL REQUIRE A
- SEPARATE RIDOT UTILITY PERMIT, WHICH CONTRACTOR MUST OBTAIN BEFORE THE DRAINAGE SYSTEM IS DESIGNED TO DECREASE BOTH STORMWATER RUNOFF
- RATE, AND STORMWATER RUNOFF VOLUME TO THE STATE ROW FROM PRE-DEVELOPMENT TO POST-DEVELOPMENT. THERE SHALL BE NO INCREASE IN RUNOFF TO THE STATE ROW FROM THE PROPOSED DEVELOPMENT. WORK WITHIN THE STATE'S ROW WILL CONFORM TO PROPOSED PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG). WORK ONSITE WILL CONFORM
- TO AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) UNLESS THE WORK IS ON STATE OWNED LAND. AS-BUILTS ARE REQUIRED FOR ALL DRAINAGE CONNECTIONS WITHIN THE STATE
- ROW. AS-BUILTS MUST BE PROVIDED TO THE RIDOT STORMWATER OFFICE AND INCLUDE, INVERTS, MATERIALS, AND PIPE SIZES.

# **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.
- CURB RADII ARE 5 FEET UNLESS OTHERWISE NOTED.
- CURBING SHALL BE PRECAST CONCRETE OR AS LABELED ON THE PLANS.
- SIDEWALK SHALL BE CONCRETE, STAMPED CONCRETE OR AS LABELED ON THE PLANS.
- 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 3. DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LICENSED
- 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:**

- 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.
- CONTRACTOR TO OBTAIN ALL FEDERAL, STATE, AND MUNICIPAL APPROVALS PRIOR TO THE START OF CONSTRUCTION.
- CONSTRUCTION TO COMMENCE SPRING 2025 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 BRISTOL STANDARD SPECIFICATIONS AND DETAILS.
- SEQUENCE OF CONSTRUCTION PROVIDED IN SESC MAY BE MODIFIED AS FIELD CONDITIONS WARRANT WITH PRIOR APPROVAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
- 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 AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
- 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.
- 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.
- 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.
- 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.
- IF CONCRETE TRUCKS ARE WASHED OUT ONSITE, ALL WASHOUT MUST BE COMPLETED IN THE DESIGNATED CONCRETE WASHOUT AREA.

# **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 Erosion and Sedimentation Control Notes:**

CONTROL PLAN

- 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).
- 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 ARES 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.
- ONCE THE SEDIMENTATION TRAP IS NO LONGER REQUIRED AND ALL TRIBUTARY AREAS HAVE BEEN STABILIZED, THE TEMPORARY SEDIMENTATION TRAP SHALL CLEANED AND BROUGHT TO FINAL DESIGN GRADES.
- INLET PROTECTION SHALL BE INSTALLED ON ALL CATCH BASINS ONCE CONSTRUCTED.
- SEE SECTION 2.2 OF THE SESC FOR SEQUENCE OF CONSTRUCTION ACTIVITY. SEE SECTION 2.2 OF THE SESC FOR PROJECT PHASING.
- CONTRACTOR MAY MODIFY SEQUENCE OF CONSTRUCTION WITH APPROVAL FROM

FOR CONSTRUCTION PHASING SEE SECTION 2.2 OF SOIL EROSION AND SEDIMENT

# **Abbreviations Legend**

	<u> </u>		
AP	ASSESSOR'S PLAT	OHW	OVERHEAD WIRE
ВС	BOTTOM OF CURB	PE	POLYETHYLENE
ВТ	BOTTOM OF TESTHOLE	P	PROPERTY LINE
BIT	BITUMINOUS (BERM)	PR	PROPOSED
BIO	BIORETENTION	PVC	POLYVINYL CHLORIDE
BW	BOTTOM OF WALL (FINISHED GRADE	R	RADIUS
	AT BOTTOM OF WALL)	R&D	REMOVE AND DISPOSE
СВ	CATCH BASIN	RCP	REINFORCED CONCRETE I
(C)	CALCULATED	RIHB	RHODE ISLAND
Œ	CENTERLINE		HIGHWAY BOUND
(CA)	CHORD ANGLE	RL	ROOF LEADER
CLDIP	CONCRETE LINED DUCTILE IRON PIPE	ROW	RIGHT OF WAY
CO	CLEAN OUT	S	SLOPE
CONC	CONCRETE	SD	SUBDRAIN
(D)	DEED	SED	SEDIMENT FOREBAY
DCB	DOUBLE CATCH BASIN	SE	SLAB ELEVATION
DI	DROP INLET	SF	SQUARE FOOT
DMH	DRAINAGE MANHOLE	SFL	STATE FREEWAY LINE
DP	DETENTION POND	SFM	SEWER FORCE MAIN
EOP	EDGE OF PAVEMENT	SHL	STATE HIGHWAY LINE
ESC	EROSION AND SEDIMENT CONTROL	SMH	SEWER MANHOLE
EX	EXISTING	SNDF	SAND FILTER
FES	FLARED END SECTION	SS	SIDE SLOPE
FFE	FINISH FLOOR ELEVATION	STA	STATION
GFE	GARAGE FLOOR ELEVATION	TC	TOP OF CURB
GWT	GROUND WATER TABLE	TD	TRENCH DRAIN
HC	HANDICAPPED	TF	TOP OF FOUNDATION
HW	HEADWALL	TRANS	TRANSITION
HC	HIGH CAPACITY CATCH BASIN GRATE	TW	TOP OF WALL (FINISHED
HDPE	HIGH DENSITY POLYETHYLENE		GRADE AT TOP OF WALL
ID	INLINE DRAIN	TYP	TYPICAL
INV	INVERT	UDS	UNDERGROUND
ΙP	INFILTRATION POND		DETENTION SYSTEM
LF	LINEAR FEET	UIS	UNDERGROUND
LOD	LIMIT OF DISTURBANCE		INFILTRATION SYSTEM
LP	LIGHT POLE	UP	UTILITY POLE
(M)	MEASURED	WO	WALKOUT
/-			

# Site Callouts Legend

N/F NOW OR FORMERLY

- (7.2.4) RIDOT STD PRECAST CONCRETE CURB STOP
- (4W45) 4" WHITE STRIPING 2' ON CENTER AT 45"
- ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH
- ADA CURB RAMP MUST COMPLY WITH ALL ADA REGULATIONS
- (ADAV) ALL ADA AND MUTCD REGULATIONS AND REQUIREMENTS. CROSSWALK PAVEMENT MARKINGS. SOLID 2' WHITE LINES

SPACED 4' OC (REFERENCE MUTCD SECTION 3B.18)

# WETLAND LINE & FLAG

— — BUILDING SETBACKS NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

WQ WATER QUALITY

(ADAS) ALL ADA AND MUTCD REGULATIONS AND REQUIREMENTS.

AND REQUIREMENTS. VAN ADA SPACE PAVEMENT MARKINGS MUST COMPLY WITH

#### **Existing Legend** (AS SHOWN ON PROPOSED PLANS)

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NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

PROPERTY LINE	<b>\</b> /\	7	NAIL FOUND/SET
ASSESSORS LINE	<b>0</b> /©		DRILL HOLE FOUND/SET
DI III DINO	0/0		
BUILDING		1	BOUND FOUND/SET
BRUSHLINE			SIGN
TREELINE	0		BOLLARD
GUARDRAIL	SEV		SOIL EVALUATION
FENCE	©	СВ	CATCH BASIN
RETAINING WALL		DCB	DOUBLE CATCH BASIN
STONE WALL	<b>(D)</b>	DMH	DRAINAGE MANHOLE
MINOR CONTOUR LINE	а	FES	FLARED END SECTION
MAJOR CONTOUR LINE			GUY POLE
WATER LINE	E	EMH	ELECTRIC MANHOLE
SEWER LINE	(UP)	UP	UTILITY/POWER POLE
SEWER FORCE MAIN	$\Diamond$		LIGHTPOST
GAS LINE	S	SMH	SEWER/SEPTIC MANHOLE
ELECTRIC LINE	SV		SEWER VALVE
OVERHEAD WIRES	•		CLEANOUT
DRAINAGE LINE	Ø		HYDRANT
SOILS LINES	8		IRRIGATION VALVE
50' PERIMETER WETLAND	₩V		WATER VALVE
100' RIVERBANK WETLAND	0		WELL
200' RIVERBANK WETLAND			MONITORING WELL
NATURAL HERITAGE AREA	?		UNKNOWN MANHOLE
	GV		GAS VALVE
FEMA BOUNDARY	<b>�</b>		BENCH MARK

#### **Proposed Legend** NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS PROPERTY LINE

--- NATURAL HERITAGE AREA

 $\dots$ TREELINE CHAINLINK FENCE GUARDRAIL (RIDOT STO 34.2.0, 34.4.0 OR APPROVED EQUAL)

RETAINING WALL MINOR CONTOUR LINE MAJOR CONTOUR LINE

SPOT ELEVATION

DRAINAGE LINE ROOF LEADER GAS LINE WATER LINE HYDRANT ASSEMBLY WATER SHUT OFF WATER VALVE  $\longrightarrow$ THRUST BLOCK SEWER LINE \_\_\_\_\_s \_\_\_\_ ------OHW------OVERHEAD WIRE CABLE LINE

STREAM FLOW DIRECTION

CONCRETE CURB (RIDOT STD 7.1.0) **BUILDING FOOTPRINT** ---- BUILDING OVERHANG BUILDING ENTRY

EDGE OF PAVEMEN

ASPHALT PAVEMENT

STAMPED CONCRETE CONCRETE SIDEWALK SAWCUT LINE 

AS APPLICABLE) SINGLE LIGHT DOUBLE LIGHT OVERHANGING LIGHT

SPACE SYMBOLS GRID STANDARD)

SIGN (RIDOT STD 24.6.2

ACCESSIBLE PARKING TRANSFORMER PAD WITH BOLLARDS (PER NATIONAL

ELECTRIC, TELEPHONE, LIMIT OF DISTURBANCE -NO EROSION CONTROL STRAW WATTLE, SILT FENCE (RIDOT STD 9.2.0) OR ÀPPROVED EQUAL AT LIMIT OF DISTURBANCE 2:1 SLOPES UNDERGROUND SYSTEM OUTLINE POND ACCESS RIP RAP SAND FILTER CATCH BASIN DOUBLE CATCH BASIN

**KEVIN DEMERS** 

REGISTERED

PROFESSIONAL ENGINEER CIVIL

MANHOLE FLARED END SECTION

 $\overline{\phantom{a}}$ 

HEAD WALL SHRUB TREE

# **Utility Note:**

PARKING COUNT

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.

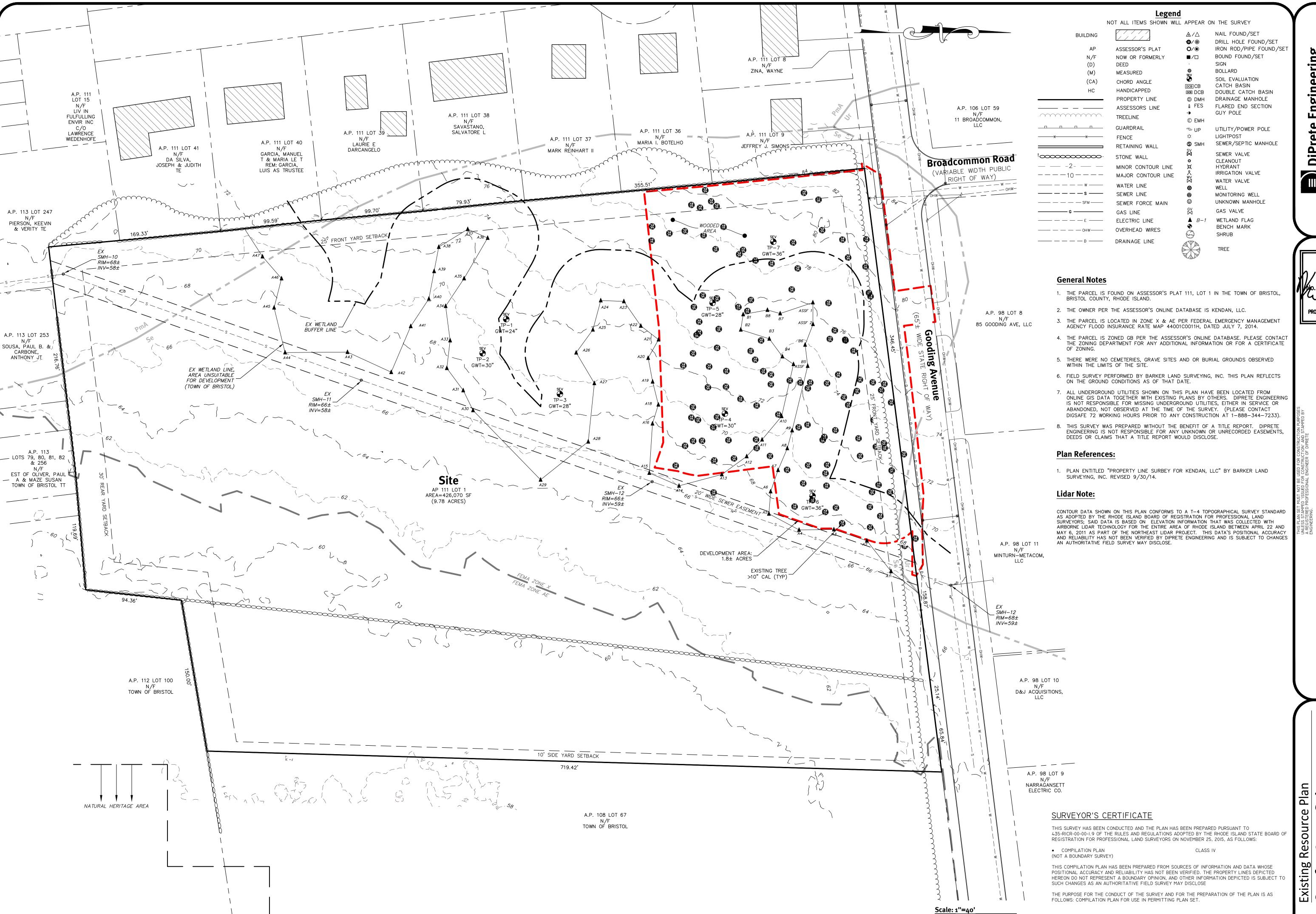
DIPRETE ENGINEERING IS NOT A PROFESSIONAL UTILITY LOCATION COMPANY, AND IS NOT RESPONSIBLE FOR UNDERGROUND UTILITIES, DEPICTED OR NOT, EITHER IN SERVICE OR ABANDONED. ANY SIZES, LOCATIONS, EXISTENCE, OR LACK OF EXISTENCE OF UTILITIES SHOWN ON THESE PLANS SHOULD BE CONSIDERED APPROXIMATE UNTIL VERIFIED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

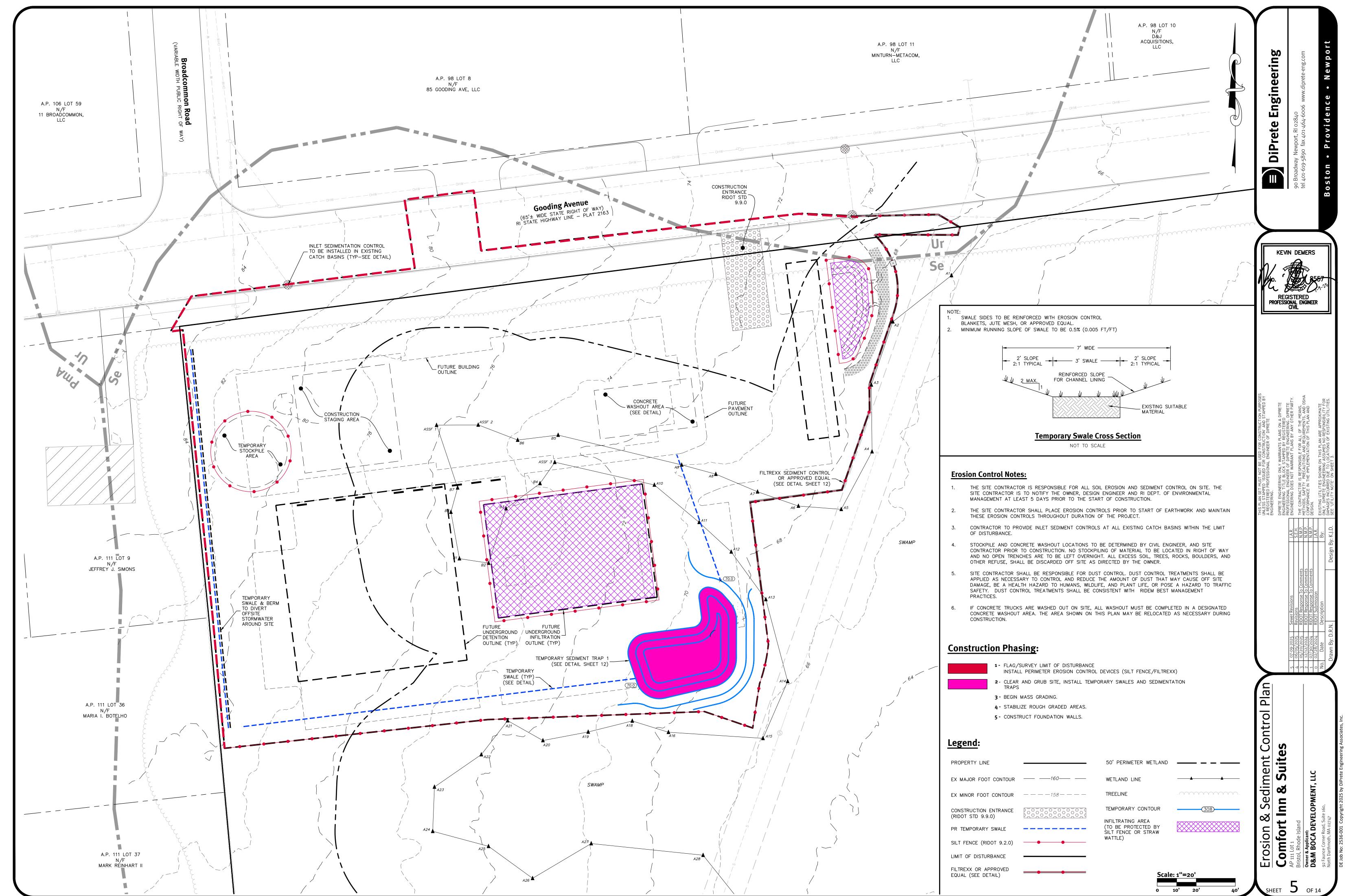
# Permit Note:

THE PURPOSE OF THIS PLAN SET IS TO OBTAIN A PERMIT FROM THE REGULATORY AGENCY IT WAS SUBMITTED TO. THIS PLAN SET CONTAINS THE REQUIRED INFORMATION NECESSARY FOR APPROVAL BY THE SPECIFIC AGENCY IT WAS SUBMITTED TO AND MAY NOT HAVE INFORMATION NECESSARY FOR OTHER REGULATORY AGENCIES. THIS PLAN SET MUST NOT BE CONSTRUED AS A FULL CONSTRUCTION OR BID SET. ADDITIONAL DETAIL IS REQUIRED FOR CONSTRUCTION AND BID DOCUMENTS, SUCH AS (BUT NOT LIMITED TO) FINE GRADING, GRADING BETWEEN THE CONTOUR INTERVAL, ADDITIONAL SURVEY/ MAPPING, BUILDING SHAPE/ LOCATION, ADA, UTILITY CONNECTIONS. UTILITY CROSSINGS, SURFACE AND GROUND WATER MITIGATION, SOIL STABILITY AND CONSISTENCY, SPECIFIC END USER NEEDS, CONSTRUCTABILITY ISSUES, ETC. ANY USER OF THESE PLANS SHOULD UNDERSTAND THIS LIMITATION.

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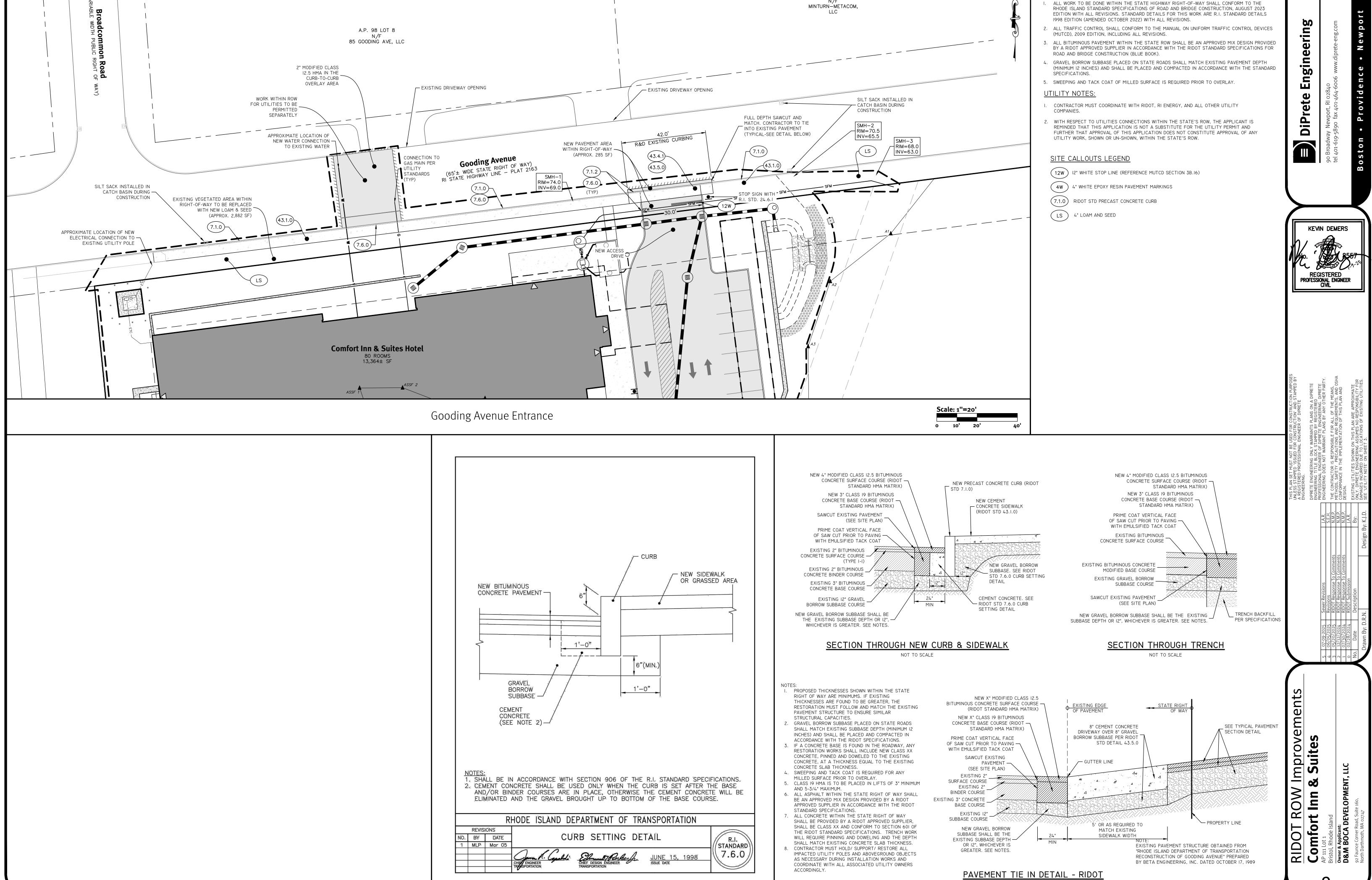
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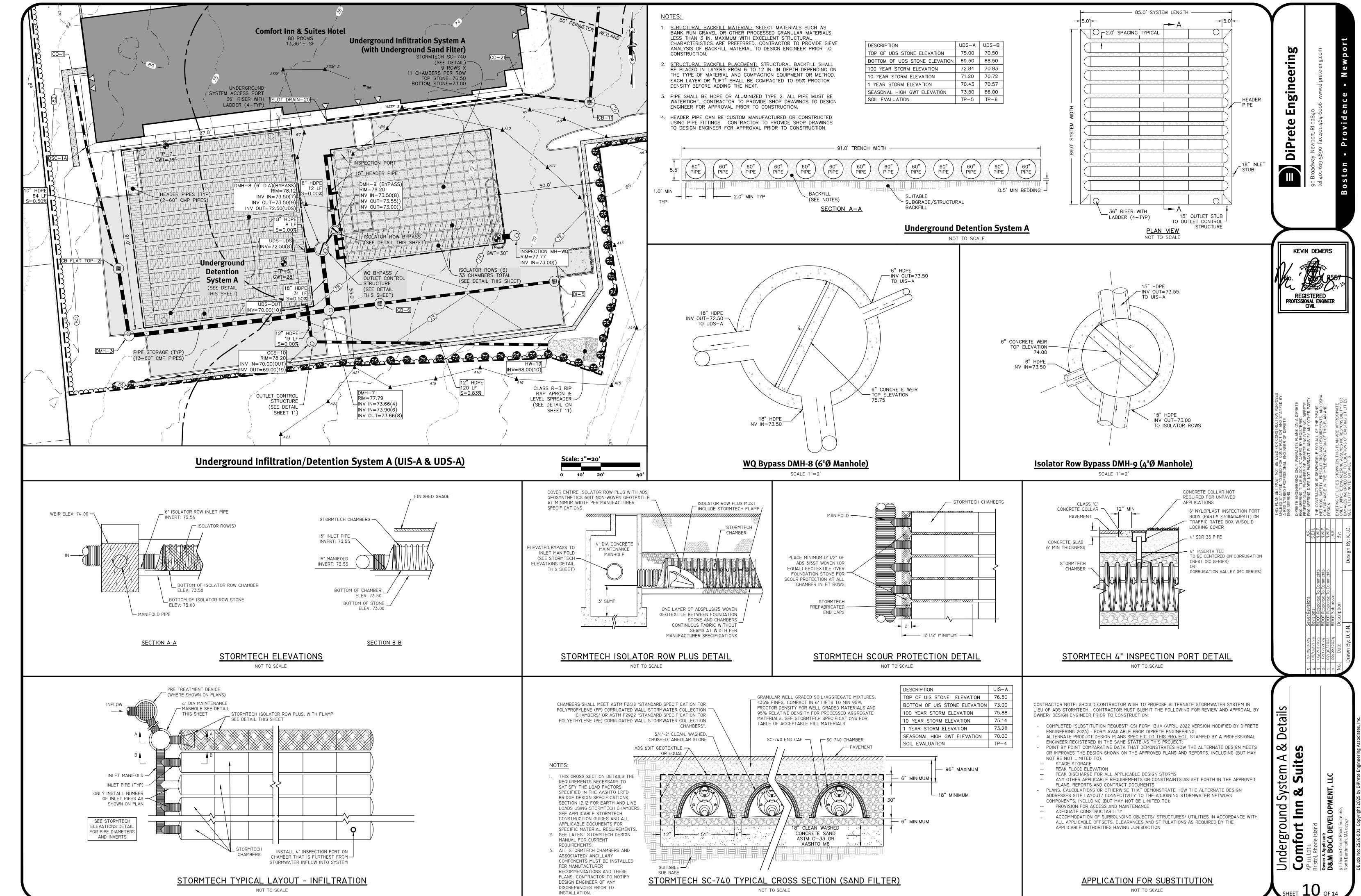
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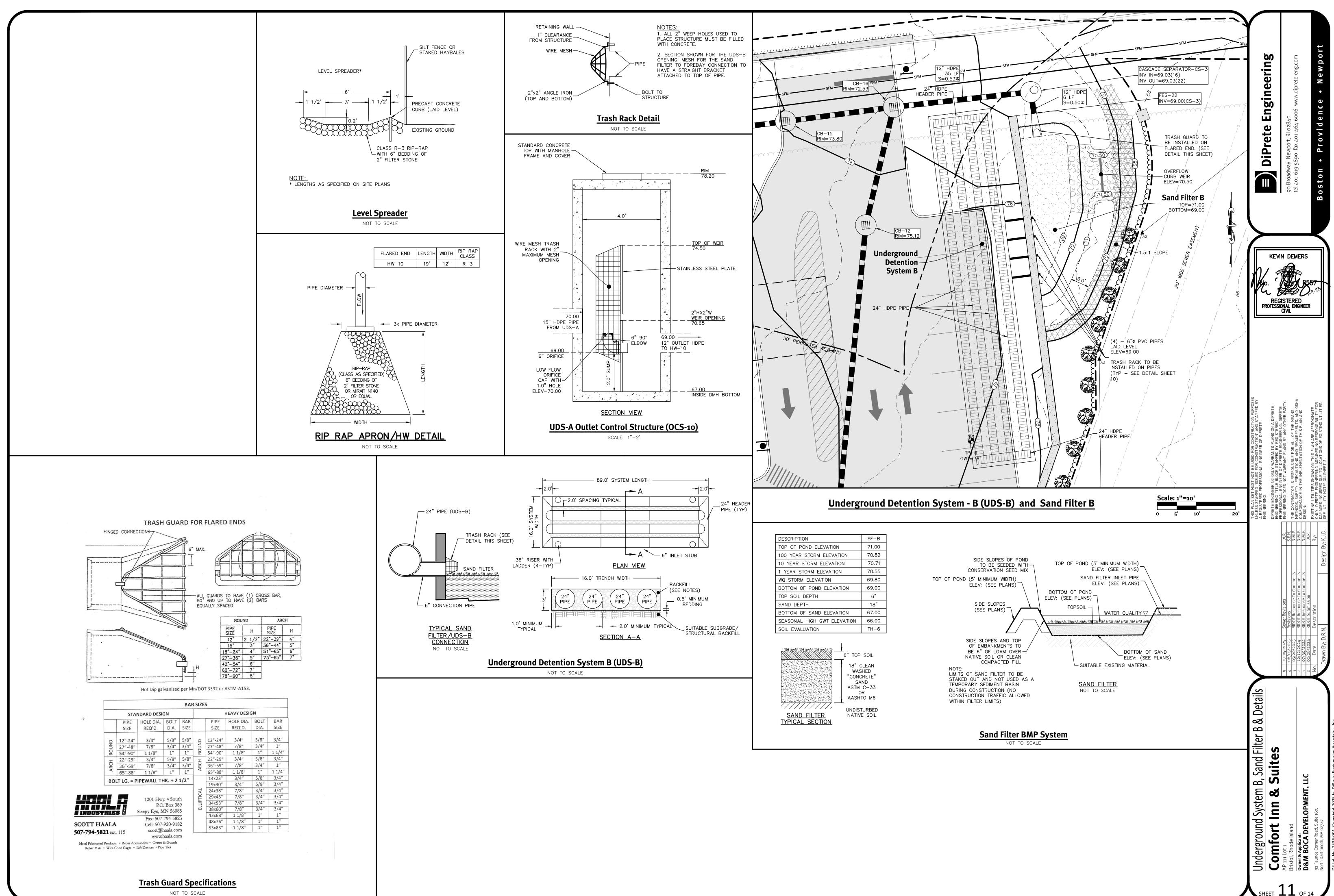


**RIDOT NOTES:** 

NOT TO SCALE

A.P. 98 LOT 11





KEVIN DEMERS

REGISTERED

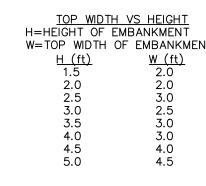
PROFESSIONAL ENGINEER CIVIL

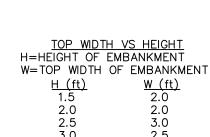
2"X2"X36" WOODEN STAKES PLACED 10' O.C.

- 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.
- 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
- 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
- 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.

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2.

SEDIMENT TRAP DIMENSIONS	TRAF	7 1
TRIBUTARY DRAINAGE AREA	1.15	ac
WET STORAGE DEPTH (Dw)	2.00	ft
DRY STORAGE DEPTH (Dd)	2.00	ft
TOTAL DEPTH (D)	4.00	ft
BOTTOM OF TRAP AREA (Ab)	850	sq.ft
WETTED SURFACE AREA (Aw)	1,400	sq.ft
SURFACE AREA AT OUTLET (Ad)	2,030	sq.ft





# 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
- 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

# **INSTALLATION NOTES:**

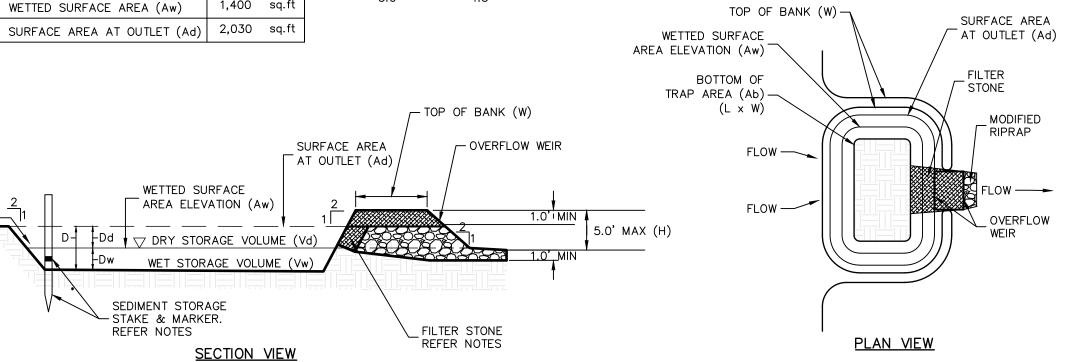
1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.

CONTRIBUTING DRAINAGE AREA IS STABILIZED.

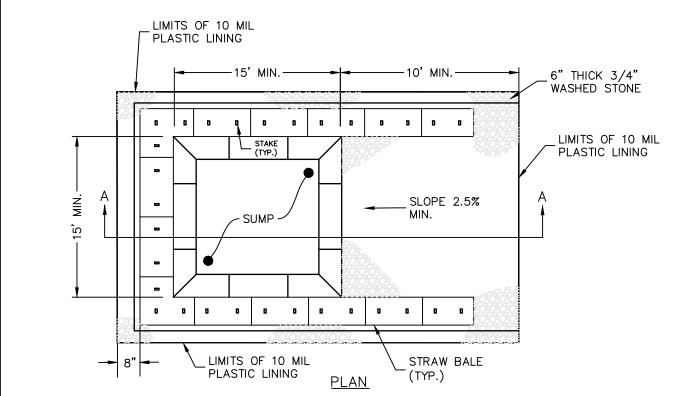
- 2. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
- 3. EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
- 4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH

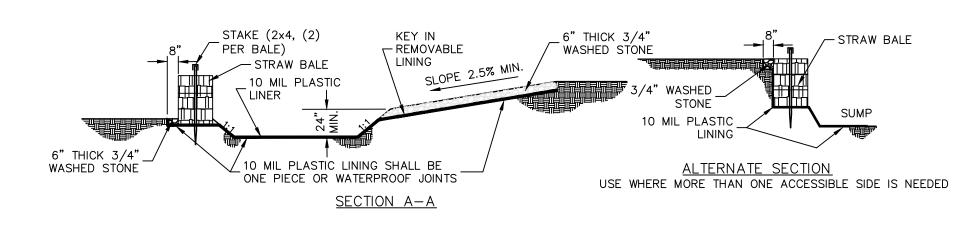
LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED

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



**Temporary Sediment Trap Details** 





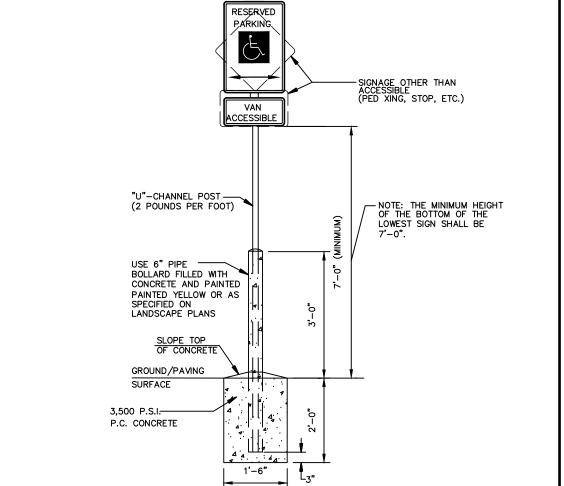
# ALL CONCRETE TRUCKS SHALL WASHOUT HERE WASHOUT SIGN

1. PIT IS SPECIFICALLY DESIGNATED, DIKED AND IMPERVIOUS CONTAINMENT TO PREVENT CONTACT BETWEEN CONCRETE WASH AND STORMWATER.

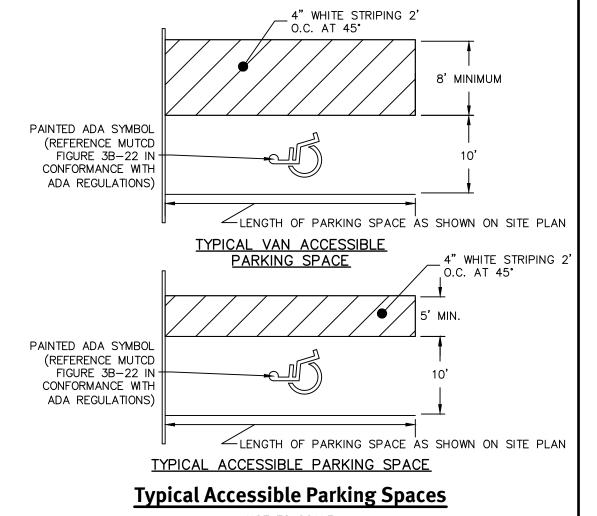
NOT TO SCALE

- 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.

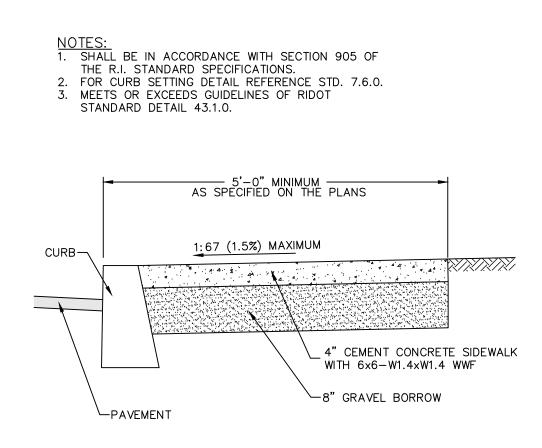
# CONCRETE WASHOUT AREA



**Bollard Mounted Sign Detail** 



NOT TO SCALE



**Cement Concrete Sidewalk** NOT TO SCALE

# **DANDY POP**® DANDY SACK® THAT POP SEWER -OPEN AND OR EQUAL - LIFT STRAPS SUPPORT REINFORCED OVERFLOW MANAGEABLE 2' CONTAINMENT AREA STRAPS HIGH STRENGTH VELCRO CLOSURE SEWER -GRATE **Inlet Sediment Control Devices**

NOT TO SCALE

# **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 ADDITION.

NOT TO SCALE

- 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" Ø PIPE AND 24" OF COVER FOR 54"-60" Ø PIPE, MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE

PAVEMENT OR TO TOP OF RIGID PAVEMENT.

PROPOSED PAVEMENT - AND SUBBASE OR LOAMED AND SEEDED BOTTOM OF ASPHALT CLEAN FILL FREE OF STUMPS AND **VARIABLE** BOULDERS GRAVEL BORROW TO 1/2 THE PIPE Ø DRAINAGE PIPE (SEE PLANS FOR SIZE AND TYPE)

**HDPE Trench Detail** 

NOTE:
THIS PAVEMENT SECTION DETAIL REFLECTS MINIMUM REQUIREMENTS. ENGINEER TO DETERMINE DESIGN BASED ON GEOTECHNICAL DATA OF SPECIFIC PROJECT AND DAILY TRAFFIC DESIGN REQUIREMENT. 2" TYPE CLASS 12.5 BITUMINOUS CONCRETE WEARING COURSE (RIDOT STANDARD M.02) OVER TACK COAT 1 1/2" CLASS 9.5 BITUMINOUS CONCRETE (RIDOT STANDARD M.O2) OVER TACK COAT 2 1/4" BITUMINOUS CONCRETE CLASS 19 COURSE (RIDOT STANDARD M.02) 6" MINIMUM GRAVEL BORROW WELL-DRAINED SUBGRADE (SUBGRADE TO BE STANDARD PAVING MODIFIED 95% PROCTOR MINIMUM COMPACTION) (CAR TRAFFIC) **Typical Pavement Section** 

Inn エ omfo



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DiPr

**KEVIN DEMERS** 

2 **S**uite

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omfort

Detai **Comf** 

₹"STONE - BEDDING, 6" 2) TAPPING OF MANHOLES MUST BE AUTHORIZED AND INSPECTED BY THE DESIGN ENGINEER. THE ONLY

5) BITUMASTIC EXTERIOR COATING 6) EZ WRAP (BUTYL RUBBER JOINT WRAP W/ SPRAY ADHESIVE) ON ALL JOINTS

OVERFLOW TANK DETAIL

\_ SLOPE CONCRETE TROUGH TOWARD OUTLET 30"Ø PRECAST RISERS TO GRADE. MAX 2 LAYERS OF BRICK IF NECESSARY. abla manhole frame and cover east jordan product number  $\overline{\phantom{a}}$ -RISER TO GRADE (00200626C01/GASKET) ORENCO CARBON FILTER ELEV=79.00 ✓ 4" VENT PIPE → ¼" PER FOOT MIN 6" INLET FROM >PUMP STATION PUMP STATION -RIM = 76.62INV=68.81 \_ 6" OUTLET TO MANUAL FLOW BACK VALVE RIM=76.45 — PUMP STATION W/ ROAD BOX TO GRADE -PUMP STATION 1" PER FOOT MIN INV=63.83 6" INLET FROM - PUMP STATION INV=68.81 I. ALL JOINTS SEALED WITH EZ WRAP (BUTYL RUBBER JOINT WRAP W/ SPRAY ADHESIVE) -25% ALARM LEVEL INV=65.08 2. TANK TO BE RATED FOR H20 LOADING 1" PER FOOT MIN 3. AVAILABLE WITH 8" HEAVY DUTY TOP FORM A CONCRETE TROUGH IN THE BOTTOM OF \_\_THE OVERFLOW TANK. TROUGH TO BE PITCHED \_\_/TOWARD OUTLET PIPE TO ALLOW OVERFLOW 4. MEETS ASTM C-I227-97A 6" OUTLET TO

PUMP STATION -

INV=63.83

5. CONCRETE STRENGTH 5000 PSI MIN. 28 DAYS

7. TANK TO HAVE EXTERIOR BITUMASTIC COATING

8. KOR-N-SEAL JOINT SLEEVES FOR ALL TANK/STRUCTURE PENETRATIONS

6. TANK MUST NOT HAVE KNOCKOUTS

CF3, CF4 Actual View (side) Orenco Systems® Inc. , 814 Airway Ave., Sutherlin, OR 97479 USA • 800-348-9843 • 541-459-4449 • www.orenco.com

FROM OVERFLOW -- TWO (2) HINGES ORENCO CARBON FILTER VENT ORENCO CARBON FILTER VENT ELEV=79.75 WATER TIGHT HATCH -4" OUTLET -

H-20 RATED SLAB MANHOLE TOP (8" MINIMUM THICKNESS) ∕— 4" DI FLANGE 2" ELECTRICAL CONDUIT — TOP OF BASIN (2 EACH) 76.75 1" SS GUIDE RAILS — 6" INLET FROM BUILDING SEWER INV=69.60 JOINTS SEALED / WITH BITUMASTIC SEALANT SS EXTENSION HANDLE — \_6" OUTLET TO OVERFLOW TANK 4"SOLID SLEEVE ADAPTOR TO C-900 INV=68.89 INV=72.25 HIGH LEVEL ALARM ELEV=68.07 \_LAG PUMP ON ELEV=67.07 MANHOLE RISER SWING CHECK VALVE -SECTION (AS NEEDED) 4" SCHEDULE 80 PVC\_ BITUMINOUS COATING ON PIPE AND FITTINGS EXTERIOR SURFACES LEAD PUMP ON ELEV=66.57

LOW LEVEL FLOAT 6" INLET FROM ELEV=61.32 OVERFLOW TANK -INV=63.73

BASE ELEVATION 

1) MANHOLE SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM-C478. APPROVED METHOD FOR TAPPING MANHOLES SHALL BE BY CORE-DRILLING THE MANHOLE AND INSTALLING

LÉVEL CONTROL FLOAT ASSEMBLY AND FREEFLO BASE ELBOW RAIL SYSTEM

- LEVEL TRANSDUCER

Scale: NTS Drawn By: MTS Date: 9/21/2021 App'd By:

F AHDNY
& associates, inc.

Water Supply & Pollution Control Equipment
273 Weymouth Street, Rockland, Massachusetts 02370

60x192 Precast Concrete Pump Station 4" Discharge

NOT TO SCALE

Technical Data Sheet

Orenco Carbon Filters reduce the odor of sewer gases in passive air-

CF3, CF4 Cutaway View (side)

**→** A — **→** 

**→** D →

CF6 Cutaway View (side)

**Carbon Filters** 

**Applications** 

flow venting applications.

Weather Cap ——

Housing ——

Screen Plate —

Weather Cap —

Set screw ———

Housing ——

Screen Plate ———

CF6 Actual View (side)

General

CF3, CF4, CF6

3 = 3" 4 = 4" 6 = 6"

Carbon filter

Weather Cap:

Screen Plate:

A, in. (mm)

B,in. (mm)

C, in. (mm)

D, in. (mm)

**Specifications** 

H<sub>2</sub>S capacity, grams/cc: 0.14

GATE VALVES -

Carbon:

**Standard Models** 

**Product Code Diagram** 

**Materials of Construction** 

ABS (CF3, CF4), Fiberglass (CF6) Granular activated impregnated carbon

9 (229)

18 1/16 (465)

3 1/16 (87.3)

0.14

NTD-CF-CF-1 Rev. 2.0, © 03/17

6" OUTLET TO

OVERFLOW TANK

FROM BUILDING

SEWER

SLIDE RAIL ASSEMBLY

**UV-resistant PVC** 

CF3 CF4

12 ½ (318)

3 ½ (88.9)\* 4 ½ (114)\* 6 5% (168)\*

0.14

5 ½ (139) 5 ½ (139)

1 ¼ (31.8) 1 ½ (38.1)

10 (254)

Carbon weight, lbs (kg): 0.9 (0.41) 1.6 (0.73) 6.0 (2.73)

\*Fits nominal 3", 4", and 6" vent pipe. Fittings are available to adapt to other vent pipe sizes.

Polyethylene

The Orenco Carbon Filter attaches to vent pipes with a slip fit. The weather cap is removable to allow replacement of the carbon pack-

ages, adapter bushings, and custom sizes are available.

age. Carbon replacement frequency will be based on the volume and strength of gases being scrubbed by the filter. Carbon recharge pack-

- ACCESS DOOR

TWO (2) ALTERNATING (DUPLEX)

-PUMPS HOMA/FRMA

MODEL AMS434-210ASC

PUMP STATION:

ALL JOINTS

BITUMASTIC EXTERIOR COATING
 EZ WRAP (BUTYL RUBBER JOINT

KOR-N-SEAL JOINT SLEEVES FOR

ALL TANK/STRUCTURE

PENETRATIONS

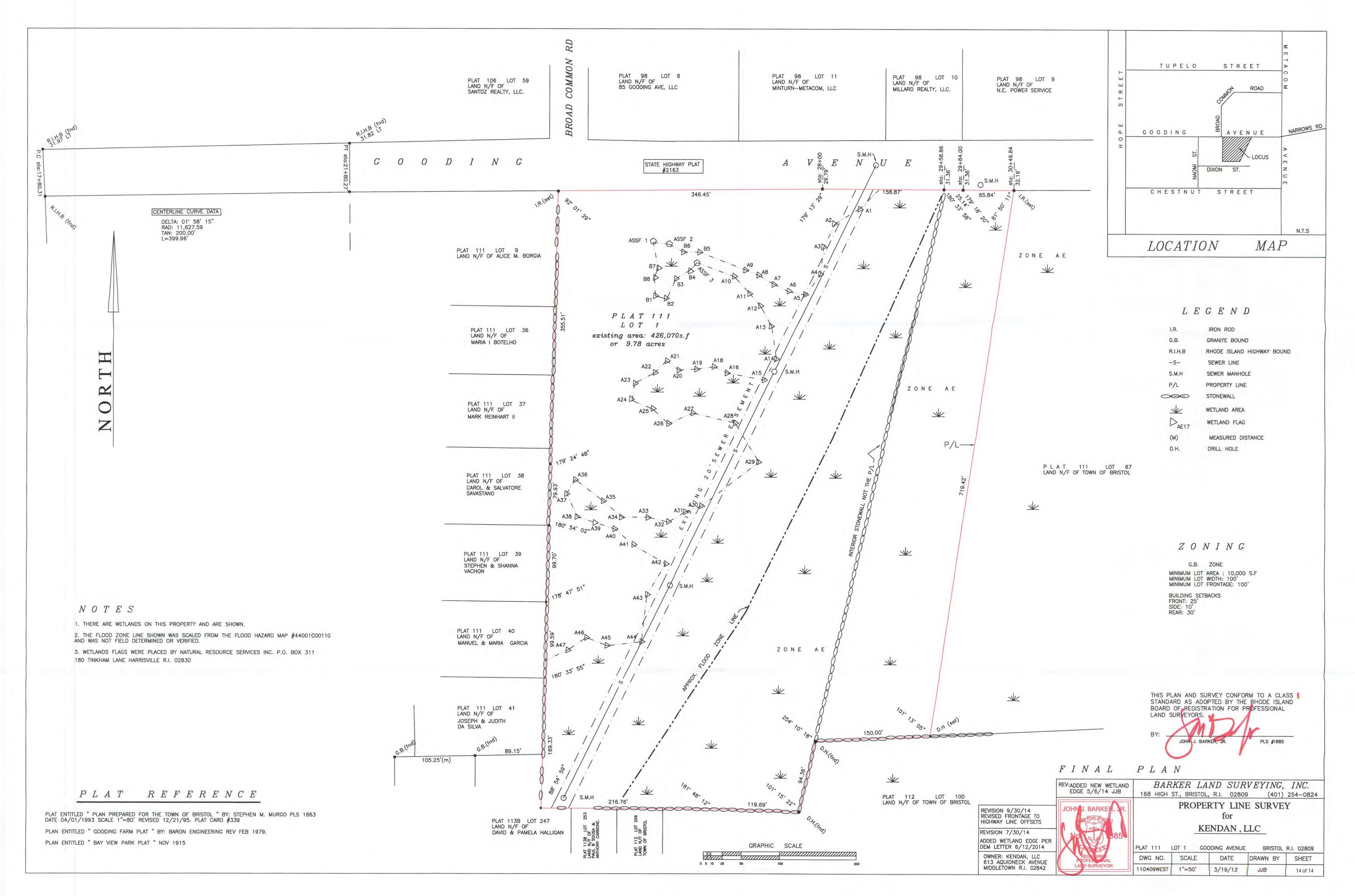
WRAP W/ SPRAY ADHESIVE) ON

6" EXTENDED BASE

3) MANHOLE AND COVER SHALL MEET HS-20 LOADING REQUIREMENTS. 4) REFERENCE MANUFACTURER DETAILS AND SPECIFICATIONS FOR ADDITIONAL DETAIL REGARDING PUMPS,

7) KOR-N-SEAL JOINT SLEEVES FOR ALL TANK/STRUCTURE PENETRATIONS

TANK TO DRAIN COMPLETELY.





## Town of Bristol, RI

WATER POLLUTION CONTROL DEPARTMENT
2 PLANT AVENUE
BRISTOL, RI 02809-3015
(401) 253-8877 fax: (401) 253-2910

Jose' J. Da Silva, Superintendent

TOWN HALL 10 COURT STREET BRISTOL, RI 02809 (401) 253-7000

8/5/2025

To: Chris Duhamel, P. E. Principal 2 Stafford Court Cranston, RI 02920

Re: Sewer Revisions Submission (7-11-2025)

Master Plan Submission – Comfort Inn & Suites
Gooding Avenue, Assessor's Plat 111 Lot 1

Dear Mr. Duhamel

The Bristol Water Pollution Control Department has reviewed the referenced Master Plan submission as it relates to the proposed hotel's sanitary sewer service. The Department conceptually agrees with the proposed system that consists of:

- Small submersible pumping station to service the hotel
- Force main connection to the 15-inch gravity sewer easement east of the proposed hotel
- 8,000 gallon tank for storage of wastewater

It is understood that the details of the design will be submitted for review as the project progresses. Comments related to the design are attached for reference.

We trust that this conceptual approval meets the project needs at this time. Please contact me with any questions.

Sincerely,

Jose' Da Silva Superintendent Bristol WPCF Sewer Service Connection Review - Second Submission - July, 2025 Comfort Inn and Suites Gooding Ave, Bristol RI

#### **Drawing Reference:**

Master Plan Submission: Comfort Inn and Suites, Located on Gooding Avenue, Bristol RI, Assessor's Plat 111 Lot 1, Diprete Engineering "Rev 5 – 7/9/2025"

#### **Proposed Sewer Connection:**

- 80 Room Hotel
- Sheet 7 & 8: Drainage and Utility Plan
- Sheet 13: Detail Sheet 2
- Pumping System with 4-inch force main sewer connection depicted on easement downstream of plan SMH-13: Rim = 68(+/-) Inv = 59 (+/-)
- Service Pumping Station
  - Duplex submersible pump station with ability to overflow to Wastewater Storage Tank size ~ 7,000 gallons
  - > Stored wastewater designed to flow back to pump station and controlled by manual valve

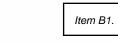
#### Comments:

Collection system to receive flow from proposed hotel is limited in capacity and is subject to surcharge conditions during rain events, with sanitary sewer overflow conditions at down-stream manhole. General concern is that during rain events sewer main will surcharge and flow from hotel may worsen conditions of surcharge and increase volume of sanitary sewer overflow.

Current design depicts the ability to store approximately 7,000 gallons of wastewater but does not provide a plan for when pumps will be restricted for use.

Please provide the following additional information.

- 1) Operational plan to restrict pump usage during rain events. Coordinate plan with Town Water Pollution Control Department prior to submission
- 2) Wastewater flow estimate
  - Peak flow estimate
  - Required Pump Capacity
- 3) Computation to support overflow storage tank sizing
- 4) Computations to support pump size and force main size
  - Pump station capacity should be minimum size practical to manage wastewater flow.
- 5) Gate valve and check valve on depicted on Inset A on Sheet 8 should be in a structure for operation and maintenance.
- 6) Confirm tanks will be designed to withstand hydrostatic uplift

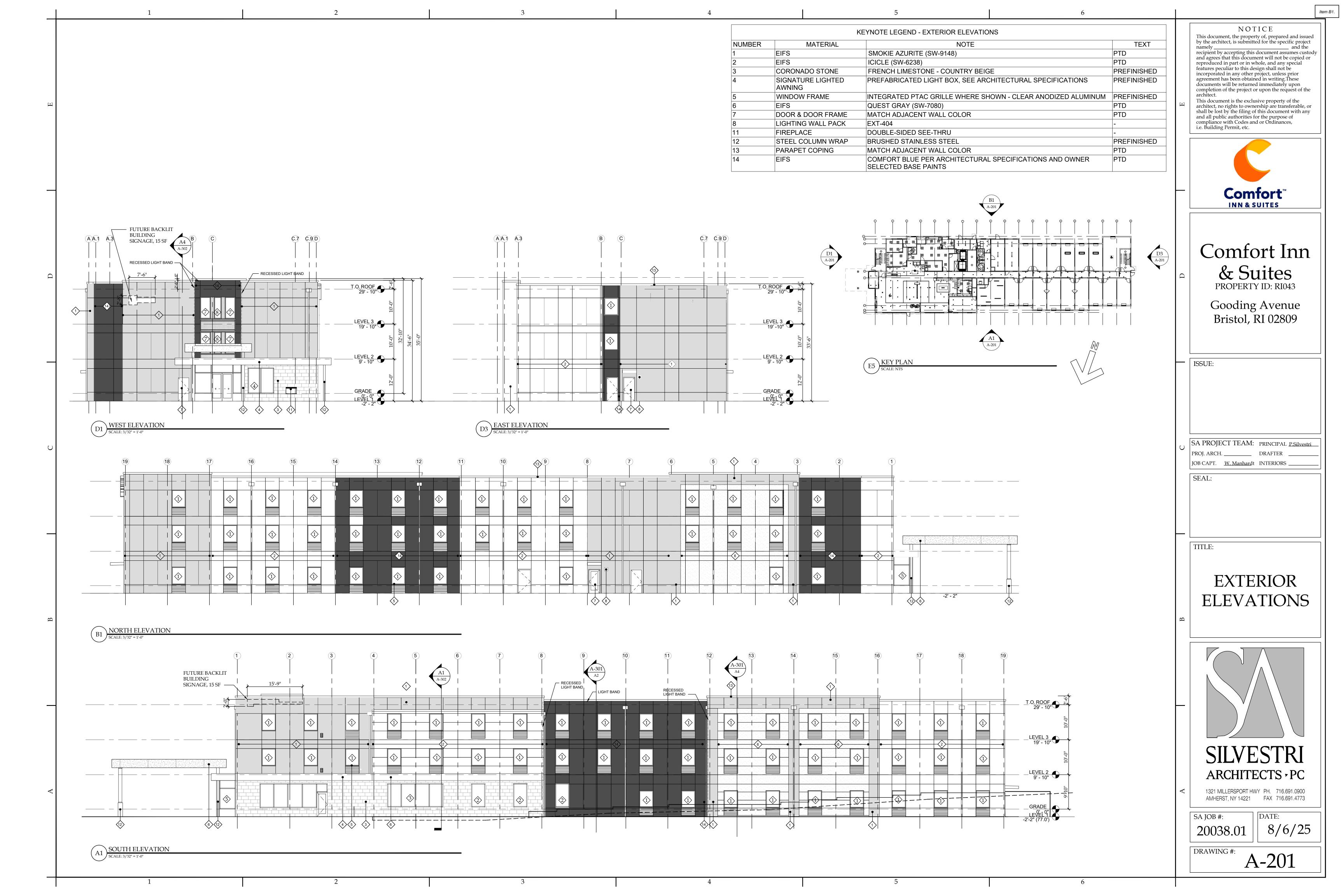


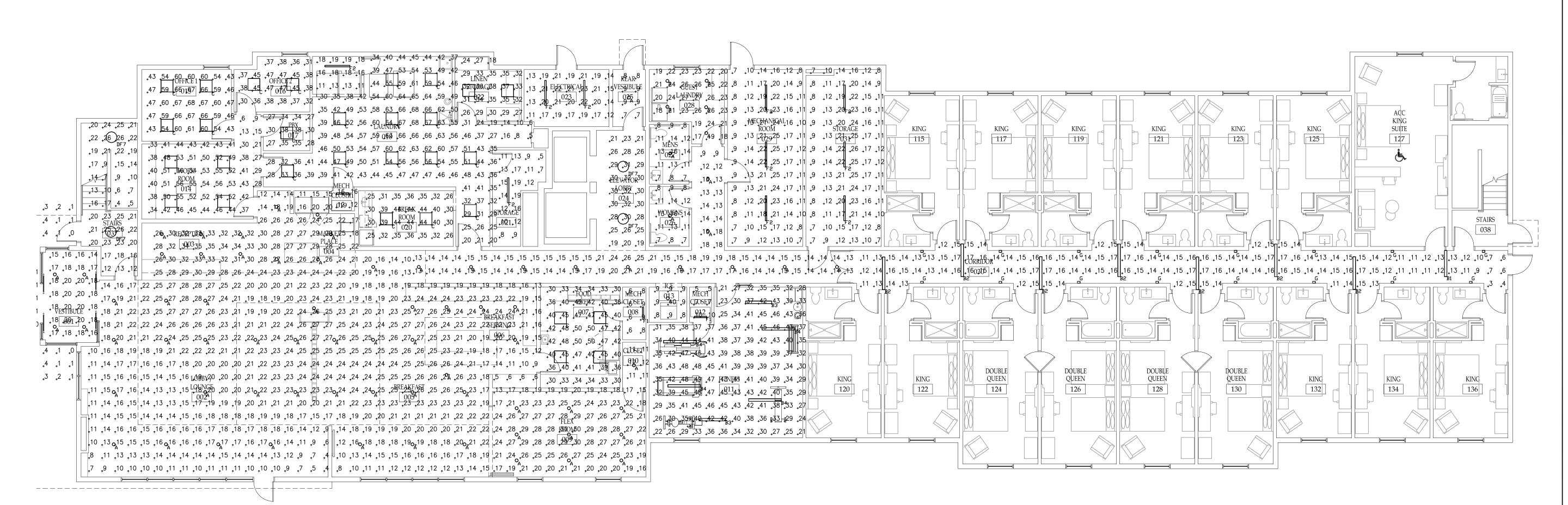












PARTIAL FIRST FLOOR

1 LIGHTING PHOTOMETRIC PLAN

LP-1 SCALE: 1/8" = 1'-0"

Luminair	e Sched	ule			
Symbol	Label	Manufacturer	Catalog	Lamp Output	Input Power
0	А	Juno Lighting	6RLD G4 10LM 30K 90CRI 120 FRPC WWH M6	1081	12
	B1	LumenWerx	VIA5PD-HLO-FH-SW-80- 350-30-4FT - GRID CEILING	1400	11
	B2	LumenWerx	VIA5PD-HLO-FH-SW-80- 350-30-5FT - GRID CEILING	1400	14
	В3	LumenWerx	VIA5PD-HLO-FH-SW-80- 1000-30-4FT - GYP CEILING	4000	34
	B4	LumenWerx	VIA5PD-HLO-FH-SW-80- 1000-30-5FT - GYP CEILING	4000	42
	С	Lithonia Lighting	CPX 2X2 3200LM 80 35K SWL MVOLT	3668	30
$\bigcirc$	DF7	Brownlee Lighting Inc	2080-20-R49-35K	3797	45
	F1	Lithonia Lighting	CSS L24 2000LM MVOLT 40K 80CRI	2151	15
	F2	Lithonia Lighting	CSS L48 4000LM UVOLT 40K 80 CRI	4819	38
	G	Brownlee Lighting Inc	1345-B12-35K	1161	3

Statistics		•	•			
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Closet 010	+	11 fc	12 fc	11 fc	1.1:1	1.0:1
Corridor 030 (1st Fl.)	+	14 fc	17 fc	3 fc	5.7:1	4.7:1
Corridor 239 (2nd & 3rd Fl.)	+	14 fc	18 fc	4 fc	4.5:1	3.5:1
Corridor (1st Fl.)	+	16 fc	26 fc	9 fc	2.9:1	1.8:1
Elec. 242 (2nd & 3rd Fl.)	+	14 fc	17 fc	10 fc	1.7:1	1.4:1
Electrical 023	+	18 fc	23 fc	11 fc	2.1:1	1.6:1
Elevator Lobby 024	+	27 fc	32 fc	19 fc	1.7:1	1.4:1
Elevator Lobby 243 (2nd & 3rd Fl.)	+	26 fc	32 fc	19 fc	1.7:1	1.4:1
Fitness 011	+	37 fc	49 fc	21 fc	2.3:1	1.8:1
Food Prep 007	+	40 fc	50 fc	30 fc	1.7:1	1.3:1
Guest Laundry 026	+	23 fc	27 fc	17 fc	1.6:1	1.4:1
Housekeeping 240 (2nd & 3rd Fl.)	+	17 fc	25 fc	8 fc	3.1:1	2.1:1
Ice 013 (1st Fl.)	+	9 fc	10 fc	8 fc	1.3:1	1.1:1
Ice 244 (2nd & 3rd Fl.)	+	10 fc	11 fc	7 fc	1.6:1	1.4:1
Laundry 018	+	46 fc	68 fc	5 fc	13.6:1	9.2:1
Laundry Dryer Room	+	16 fc	19 fc	11 fc	1.7:1	1.5:1
Mech. 241 (2nd & 3rd Fl.)	+	9 fc	10 fc	8 fc	1.3:1	1.1:1
Mech. Closet 008	+	7 fc	9 fc	6 fc	1.5:1	1.2:1
Mech. Closet 012	+	7 fc	10 fc	5 fc	2.0:1	1.4:1
Mech. Closet 019	+	14 fc	16 fc	12 fc	1.3:1	1.2:1
Mech. Rm. 029	+	14 fc	25 fc	7 fc	3.6:1	2.0:1
Mens 027	+	11 fc	16 fc	7 fc	2.3:1	1.6:1
Office 015	+	57 fc	68 fc	43 fc	1.6:1	1.3:1
Office 016	+	40 fc	47 fc	30 fc	1.6:1	1.3:1
PBX 017	+	32 fc	38 fc	27 fc	1.4:1	1.2:1
Porte Cochere	+	7 fc	15 fc	0 fc	N/A	N/A
Reception, Lounge, Market Place, Breakfast, Flex Rm.	+	21 fc	35 fc	4 fc	8.8:1	5.3:1
Stair 037 (1st Fl.)	+	17 fc	26 fc	4 fc	6.5:1	4.3:1
Stair 237 (2nd & 3rd Fl.)	+	22 fc	27 fc	12 fc	2.3:1	1.8:1
Stair 238 (2nd & 3rd Fl.)	+	22 fc	27 fc	14 fc	1.9:1	1.6:1
Storage 021	+		19 fc	5 fc	3.8:1	2.4:1
Storage 031	+	14 fc	26 fc	7 fc	3.7:1	2.0:1
Storage 032	+		38 fc	18 fc	2.1:1	1.7:1
Vestibule 001	+	18 fc	20 fc	14 fc	1.4:1	1.3:1
Vestibule 025	+	8 fc	9 fc	7 fc	1.3:1	1.1:1
Womens 026	+	11 fc		7 fc	2.3:1	1.6:1
Work Room 014	+	43 fc			9.3:1	7.2:1
Break Rm. 020	+		44 fc		1.8:1	1.4:1

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Comfort Inn & Suites
PROPERTY ID: RI043

Gooding Avenue Bristol, RI 02809

ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri

JOB CAPT. \_\_\_\_

FIRST FLOOR
LIGHTING
PHOTOMETRIC
PLAN



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 20038.01

DATE:

AWING #: LP-1





## Town of Bristol, RI

WATER POLLUTION CONTROL DEPARTMENT
2 PLANT AVENUE
BRISTOL, RI 02809-3015
(401) 253-8877 fax: (401) 253-2910

Jose' J. Da Silva, Superintendent

TOWN HALL 10 COURT STREET BRISTOL, RI 02809 (401) 253-7000

8/5/2025

To: Chris Duhamel, P. E. Principal 2 Stafford Court Cranston, RI 02920

Re: Sewer Revisions Submission (7-11-2025)

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#### **Proposed Sewer Connection:**

- 80 Room Hotel
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- Pumping System with 4-inch force main sewer connection depicted on easement downstream of plan SMH-13: Rim = 68(+/-) Inv = 59 (+/-)
- Service Pumping Station
  - Duplex submersible pump station with ability to overflow to Wastewater Storage Tank size ~ 7,000 gallons
  - > Stored wastewater designed to flow back to pump station and controlled by manual valve

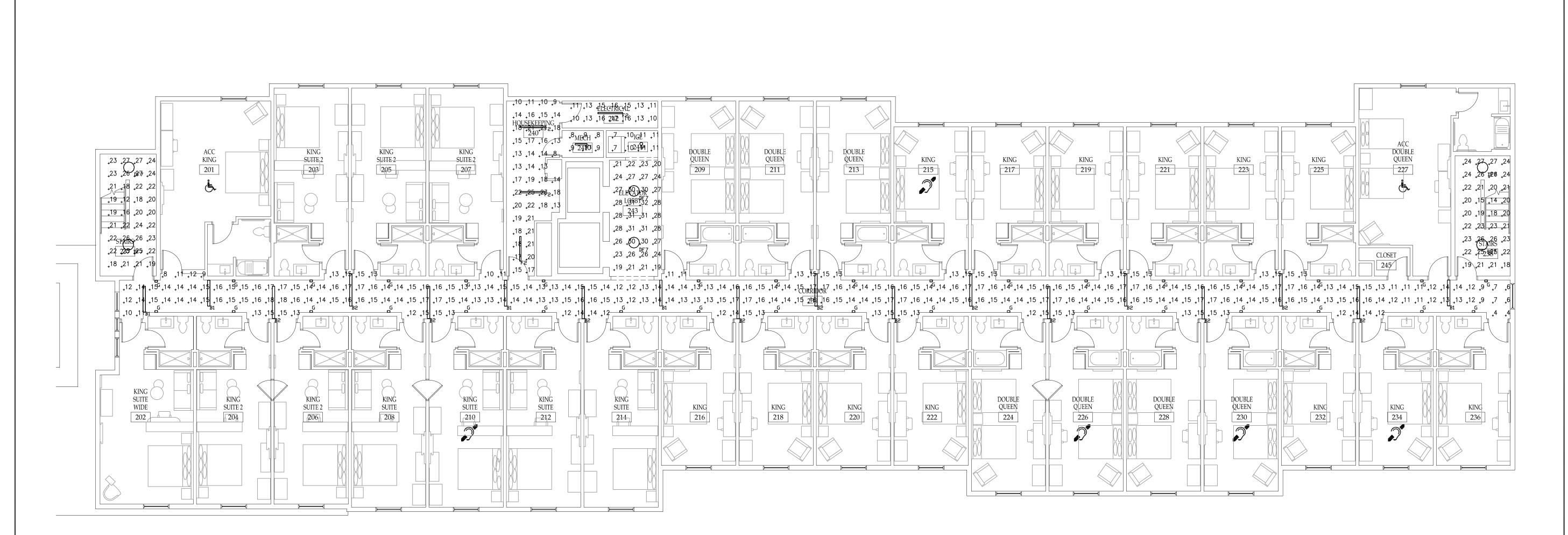
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TYPICAL SECOND AND THRID FLOOR LIGHTING PHOTOMETRIC PLAN **LP-2** SCALE: 1/8" = 1'-0"

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Comfort Inn & Suites
PROPERTY ID: RI043

Gooding Avenue Bristol, RI 02809

ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri

PROJ. ARCH. \_\_\_\_\_ DRAFTER \_\_\_\_ ЈОВ САРТ.

TITLE: TYPICAL SECOND AND THRID FLOOR LIGHTING PHOTOMETRIC PLAN



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 20038.01

DRAWING #: LP-2



# RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT OFFICE OF WATER RESOURCES

235 Promenade Street Providence, Rhode Island 02908

July 10, 2025

D & M Boca Development, LLC c/o Dennis DeGrazia 92 Faunce Corner Road, Suite 160 Dartmouth, MA 02747

#### REVISED PERMIT

Re: Wetlands Application No. 22-0264, RIPDES No. RIR101247, and UIC No. 001650 in reference to the property and proposed project located:

Approximately 150 feet south of Gooding Avenue, and approximately 300 feet southeast of its intersection with Broadcommon Road, near Utility Pole No. 218, Assessor's Plat 111, Lot 1, Bristol, RI.

Dear Mr. DeGrazia:

The Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your Application for Permit Modification to the permitted 80-room hotel and associated parking area, screen plantings, retaining wall, stormwater mitigation systems, and utilities (electrical utility connection and connections to town water line, gas line, and sewer line) and has evaluated your proposed modifications, which include changing the layout of the hotel and parking lot and changes to the stormwater mitigation systems as illustrated and detailed on revised site plans submitted with your application. The revised site plans were received on April 9, 2025.

Based upon the Program's evaluation of the revised project and pursuant to 250-RICR-150-15-3.14.3 of the Rules and Regulations Governing the Administration and Enforcement of the Freshwater Wetlands Act, 250-RICR-150-15-3, it is the Program's determination that a revised permit for the modified project may be issued under the following terms and conditions:

- This letter is the DEM's revised permit for this project under the R.I. Fresh Water Wetlands Act, R.I. Gen. Laws § 2-1-18 et seq.
- This revised permit is specifically limited to the project, site alterations and limits of disturbance as
  detailed on the site plans submitted with your application and received by the DEM on April 9, 2025.
   A copy of the site plans stamped approved by the DEM is enclosed. Changes or revisions to the
  project, which would alter freshwater wetlands are not authorized without a permit from the DEM.
- Where the terms and conditions of the revised permit conflict with the approved site plans, these terms and conditions shall be deemed to supersede the site plans.
- 4. A copy of the stamped approved site plans and a copy of this revised permit must be kept at the site at all times during site preparation, construction, and final stabilization. Copies of this revised permit and the stamped approved plans must be made available for review by any DEM or town representative upon request.

Application No. 22-0264 Page 2

- Within ten (10) days of the receipt of this revised permit, you must record this permit in the land evidence records of the Town of Bristol and supply this Program with written documentation obtained from the Town showing this revised permit was recorded.
- The long-term operation and maintenance plan shall be strictly followed. The long-term operation and maintenance plan shall be that entitled "Operation & Maintenance Plan, Mainstay / Sleep Inn Hotel, Located in Bristol, Rhode Island; Applicant: D & M Boca Development", dated 1-23-2018, Revised 2-28-2024, dated received 1/16/2025, prepared by DiPrete Engineering.
- 7. Where the site plans depict a retaining wall over the proposed Northern white cedar (*Thuja occidentalis*) plantings, those plantings must be installed at the base of the retaining wall. You must notify this Program in writing upon completion of the required plantings for a compliance inspection by a Program representative. This must be fulfilled prior to on-site operations.
- This revised permit expires on December 6, 2025, unless renewed pursuant to the Rules.

Except as authorized in this revised permit pursuant to revised and approved site plans (enclosed), all terms and conditions previously specified in the Program's permit dated December 6, 2024 (copy enclosed) remain in effect.

You are required to comply with the terms and conditions of this revised permit and to carry out this project in compliance with 250-RICR-150-15-3 at all times. Failure to do so may result in an enforcement action by the Program.

In permitting the proposed alterations, the DEM assumes no responsibility for damages resulting from faulty design or construction.

This revised permit does not remove your obligation to obtain any local, state, or federal approvals or permits required by ordinance or law and does not relieve you from any duties owed to adjacent landowners with specific reference to any changes in drainage.

Please contact me at this office at (telephone: 401-537-4194) should you have any questions regarding this letter.

Sincerely, Comartin D. Wencek

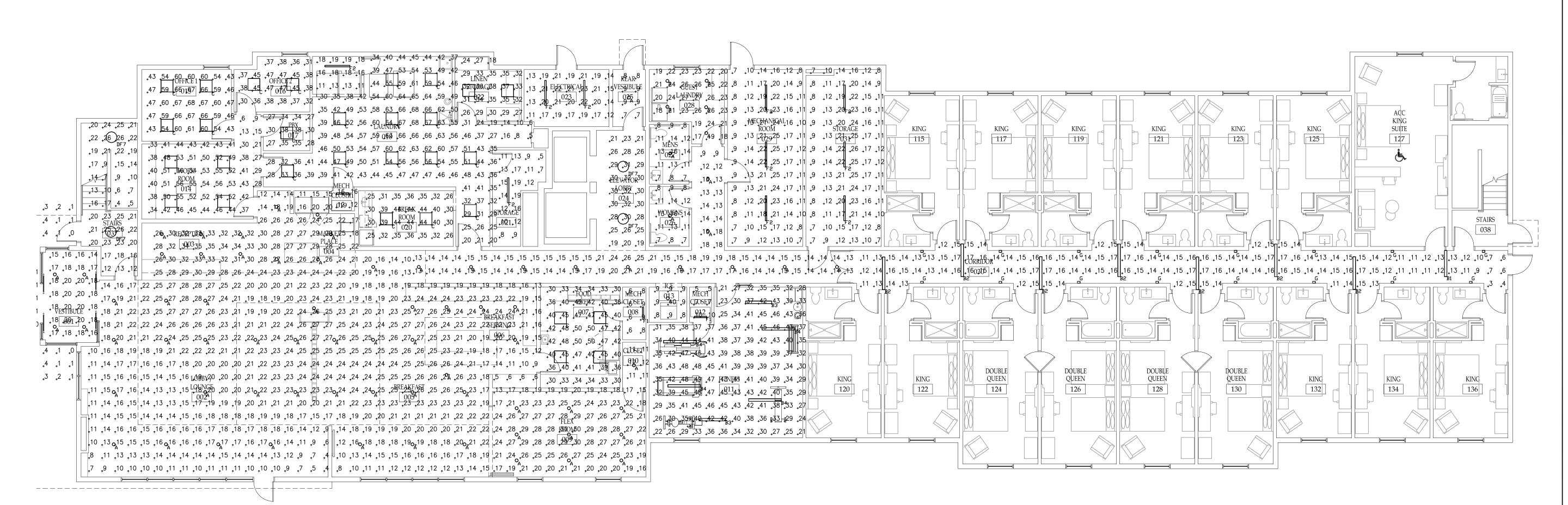
Martin D. Wencek, Program Supervisor

Freshwater Wetlands Program Office of Water Resources

MDW/JAL/jal

Enclosure: Original permit dated December 6, 2024

ec: Nicholas Pisani, DEM Stormwater Program Kevin DeMers, PE, DiPrete Engineering



PARTIAL FIRST FLOOR

1 LIGHTING PHOTOMETRIC PLAN

LP-1 SCALE: 1/8" = 1'-0"

Luminair	e Sched	ule			
Symbol	Label	Manufacturer	Catalog	Lamp Output	Input Power
0	А	Juno Lighting	6RLD G4 10LM 30K 90CRI 120 FRPC WWH M6	1081	12
	B1	LumenWerx	VIA5PD-HLO-FH-SW-80- 350-30-4FT - GRID CEILING	1400	11
	B2	LumenWerx	VIA5PD-HLO-FH-SW-80- 350-30-5FT - GRID CEILING	1400	14
	В3	LumenWerx	VIA5PD-HLO-FH-SW-80- 1000-30-4FT - GYP CEILING	4000	34
	B4	LumenWerx	VIA5PD-HLO-FH-SW-80- 1000-30-5FT - GYP CEILING	4000	42
	С	Lithonia Lighting	CPX 2X2 3200LM 80 35K SWL MVOLT	3668	30
$\bigcirc$	DF7	Brownlee Lighting Inc	2080-20-R49-35K	3797	45
	F1	Lithonia Lighting	CSS L24 2000LM MVOLT 40K 80CRI	2151	15
	F2	Lithonia Lighting	CSS L48 4000LM UVOLT 40K 80 CRI	4819	38
	G	Brownlee Lighting Inc	1345-B12-35K	1161	3

Statistics		•	•			
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Closet 010	+	11 fc	12 fc	11 fc	1.1:1	1.0:1
Corridor 030 (1st Fl.)	+	14 fc	17 fc	3 fc	5.7:1	4.7:1
Corridor 239 (2nd & 3rd Fl.)	+	14 fc	18 fc	4 fc	4.5:1	3.5:1
Corridor (1st Fl.)	+	16 fc	26 fc	9 fc	2.9:1	1.8:1
Elec. 242 (2nd & 3rd Fl.)	+	14 fc	17 fc	10 fc	1.7:1	1.4:1
Electrical 023	+	18 fc	23 fc	11 fc	2.1:1	1.6:1
Elevator Lobby 024	+	27 fc	32 fc	19 fc	1.7:1	1.4:1
Elevator Lobby 243 (2nd & 3rd Fl.)	+	26 fc	32 fc	19 fc	1.7:1	1.4:1
Fitness 011	+	37 fc	49 fc	21 fc	2.3:1	1.8:1
Food Prep 007	+	40 fc	50 fc	30 fc	1.7:1	1.3:1
Guest Laundry 026	+	23 fc	27 fc	17 fc	1.6:1	1.4:1
Housekeeping 240 (2nd & 3rd Fl.)	+	17 fc	25 fc	8 fc	3.1:1	2.1:1
Ice 013 (1st Fl.)	+	9 fc	10 fc	8 fc	1.3:1	1.1:1
Ice 244 (2nd & 3rd Fl.)	+	10 fc	11 fc	7 fc	1.6:1	1.4:1
Laundry 018	+	46 fc	68 fc	5 fc	13.6:1	9.2:1
Laundry Dryer Room	+	16 fc	19 fc	11 fc	1.7:1	1.5:1
Mech. 241 (2nd & 3rd Fl.)	+	9 fc	10 fc	8 fc	1.3:1	1.1:1
Mech. Closet 008	+	7 fc	9 fc	6 fc	1.5:1	1.2:1
Mech. Closet 012	+	7 fc	10 fc	5 fc	2.0:1	1.4:1
Mech. Closet 019	+	14 fc	16 fc	12 fc	1.3:1	1.2:1
Mech. Rm. 029	+	14 fc	25 fc	7 fc	3.6:1	2.0:1
Mens 027	+	11 fc	16 fc	7 fc	2.3:1	1.6:1
Office 015	+	57 fc	68 fc	43 fc	1.6:1	1.3:1
Office 016	+	40 fc	47 fc	30 fc	1.6:1	1.3:1
PBX 017	+	32 fc	38 fc	27 fc	1.4:1	1.2:1
Porte Cochere	+	7 fc	15 fc	0 fc	N/A	N/A
Reception, Lounge, Market Place, Breakfast, Flex Rm.	+	21 fc	35 fc	4 fc	8.8:1	5.3:1
Stair 037 (1st Fl.)	+	17 fc	26 fc	4 fc	6.5:1	4.3:1
Stair 237 (2nd & 3rd Fl.)	+	22 fc	27 fc	12 fc	2.3:1	1.8:1
Stair 238 (2nd & 3rd Fl.)	+	22 fc	27 fc	14 fc	1.9:1	1.6:1
Storage 021	+		19 fc	5 fc	3.8:1	2.4:1
Storage 031	+	14 fc	26 fc	7 fc	3.7:1	2.0:1
Storage 032	+		38 fc	18 fc	2.1:1	1.7:1
Vestibule 001	+	18 fc	20 fc	14 fc	1.4:1	1.3:1
Vestibule 025	+	8 fc	9 fc	7 fc	1.3:1	1.1:1
Womens 026	+	11 fc		7 fc	2.3:1	1.6:1
Work Room 014	+	43 fc			9.3:1	7.2:1
Break Rm. 020	+		44 fc		1.8:1	1.4:1

NOTICE

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Comfort Inn & Suites
PROPERTY ID: RI043

Gooding Avenue Bristol, RI 02809

ISSUE:

SA PROJECT TEAM: PRINCIPAL P.Silvestri

JOB CAPT. \_\_\_\_

FIRST FLOOR
LIGHTING
PHOTOMETRIC
PLAN



1321 MILLERSPORT HWY PH. 716.691.0900 AMHERST, NY 14221 FAX 716.691.4773

SA JOB #: 20038.01

DATE:

AWING #: LP-1



# Comfort Inn & Suites Planning Board Review August 15, 2025

Bristol, RI

**BTGA No. 2512** 





#### **DOCUMENTS REVIEWED**

- Pre-Applicant Submission, dated 06/03/25
- Applicant Submission Revisions, provided 8/4/25
- Bristol Zoning Ordinance, dated May 19, 2025
- 2016 Bristol Comprehensive Community Plan
- Bristol Subdivision & Development Review Regulations, amended March 14, 2024
- Bristol Conservation Commission, Strategic Tree Canopy Plan, dated March 2024

#### **EXISTING CONDITIONS**

#### **EXISTING SITE**

The property is approximately 9.78 acres of densely wooded land. A sewer easement intersects the property from roughly the Northeast corner to the Southwest corner. Wetlands have been identified on the opposite side of that easement from where the development is proposed.



Tax Map - Bristol GIS

Plat: 111 (Bristol GIS Database-axisgis.com)
Lot: 1 (Bristol GIS Database-axisgis.com)

**Zone:** General Business (GB) (Bristol Official Map of Zoning Districts dated 8/3/22)

**Overlay Zones:** None (Bristol Official Map of Zoning Districts dated 8/3/22)

#### **FEMA Flood Zone** (FEMA Online Mapping refreshed June 2024)

- Zone X: According to FEMA, no major flood concerns or additional requirements to protect against flooding.
- Zone AE: According to FEMA, this zone requires additional flood prevention measures but is only located in areas of the site not being proposed for development.



FEMA Flood Map (June 2024)

**Dimensional Regulations** (Bristol Zoning Ordinance, Article IV)

Minimum Lot Size: 10,000 SF

• The site complies with this requirement.

Minimum Width: 100 ft

• The site complies with this requirement.

Minimum Frontage: 100 ft

• The site complies with this requirement.

**Maximum Lot Coverage by Structures: 40%** 

• The current proposed design complies with this requirement.

#### **Maximum Lot Coverage by Structures and Pavement: 70%**

• The current proposed design complies with this requirement.

#### Maximum Floor Area Ratio (FAR): 0.5

• The current proposed design complies with this requirement.

#### Minimum Setback From Residential Zones: 25'

• The current design complies with this requirement.

#### Minimum Side Yard Setback: 10'

• The current design complies with this requirement.

Minimum Rear Yard Setback: 30'

The current design complies with this requirement.

## Maximum Height Restriction: 35'

• The current design complies with this requirement.

**Allowable Permitted Uses:** Hotels are permitted in this Zone. (Bristol Zoning Ordinance Section 28-82)

#### **NEIGHBORHOOD**

Commercial properties primarily run along the Northern side of Gooding Avenue, opposite the site and designated for General Business or Manufacturing. To the South and East of the site, properties have been designated by the Town for Open Space (OS). To the West, General Business runs along Gooding Avenue, surrounded by moderately sized residential properties (R-15), including those immediately adjacent to this proposed development. (Bristol Official Map of Zoning Districts dated 8/3/22)

According to historic mapping, the zoning makeup of this area has not changed significantly for as long as mapping has been available (mid-1920s). (RI DEM Maps & Arieal Photos online database).



**Properties to the North of the Site** (Google Streetview)



**Properties to the West of the Site** (Google Streetview)

#### **MATERIALS**

The properties closest to this development are small, single-story homes of traditional New England style architecture. The adjacent commercial properties are a mix of styles, including flat and pitched roofs. Materials include block, red brick facades, and clapboard/shingle siding.

#### **SIDEWALKS**

The North side of Gooding Avenue has a sidewalk that runs the entire length from Metacom Avenue to Hope Street. The South side has a sidewalk that runs from Hope Street to the abutting property but does not extend into this property or beyond toward Metacom.

#### **RETAINING WALLS**

No retaining walls are currently present on this site.

#### LIGHTING

General pole street lighting is present along Gooding Avenue.

#### **COMMUNICATION LINES**

Above ground electrical and communication lines are present primarily along the North side of Gooding Avenue, connecting to a single pole on this site to the West corner where electrical transitions to underground.

#### **LANDSCAPING**

The properties in this neighborhood are landscaped and well-maintained. They all feature some element of a landscape/tree buffer from Gooding Avenue.

#### **COMPREHENSIVE PLAN OBJECTIVES**

Applicants should be considerate of the Town's overarching development goals, including:

- Promote Sustainability
- Promote Conservation
- Increase Sources of Taxable Revenue
- Provide Walkability
- Reduce Excessive Lighting in Residential Neighborhoods
- Promote Good Bristol-Appropriate Design
- Promote Development that is of Appropriate Scale in Relation to Surrounding Residential Neighborhoods
- Promote Safety
- Promote Positive Neighborhood Connections.
- Provide Workforce Opportunities in Town.
- Increase forest cover by 25%
- Promote Recycling
- Provide Parking without Losing Town Character

- Not Over-Tax the Sewer System
- Protect Silver Creek
- Continue Basis Land Use Patterns
- Protect the Residential Character of Existing Neighborhoods.

The Comprehensive Community Plan indicates this parcel of land is flagged for:

- Future Land Use: Mixed Use (Affordable Residential and Commercial)
- A National Historic Candidate.
- Suitable for conservation and open space.

## **PRECEDENT IMAGES**

The following images are of existing Comfort Inn locations that are found to be good examples of designs that fit within the Bristol/New England character and still meet the hotel spatial requirements.



Middletown, RI (55 rooms)



Rockland, MA (101 rooms)



Conway, NH (57 rooms)



New Burke Mountain, VT (107 rooms)



Brunswick, ME (75 rooms)



Brunswick, ME (75 rooms)



Milton, ME (86 rooms)



Dover, NH (79 rooms)



Wilton, ME (86 rooms)



Wilton, ME (86 rooms)

### **RECOMMENDATIONS**

The following recommendations focus on compliance with the reviewed documents, the proposed design, and meeting the overarching goals of the comprehensive plan to create a project that brings value to the Town of Bristol.

#### **APPLICATION CHANGES**

1. No signage plan has been provided to BTGA for review at this time.

### **Photometric Plan**

1. Revise photometric plans to show exterior light levels, including any light levels onto the adjacent residential neighborhood. The plan should show no light pollution to the neighboring properties. Interior light levels are not required.

## **Site Plans**

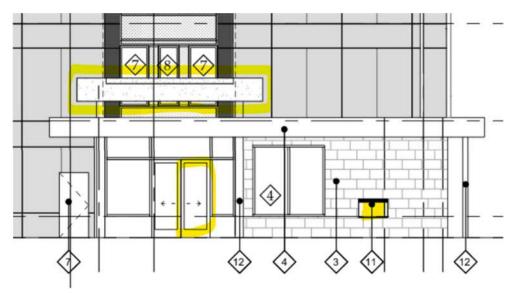
- 1. Revise the site plan to represent the residential neighbor's driveway and structures accurately.
- Existing trees depicted appear to be fewer than those shown on Google Street View. A dense line of trees is seen along the residential neighbor's property and Gooding Avenue. Confirm tree placement is accurate.
- 3. Provide retaining wall design intent including heights and materials.
- 4. See recommendations throughout for recommended additional site requirements.

#### **Landscape Plan**

- 1. Overall, landscaping is well designed, distributed throughout the site, and provides street trees.
- 2. Revise the site plan to represent the residential neighbor's driveway and structures accurately.
- 3. The TRC and Planning Board may require the landscape plan to be reviewed by the Conservation Commission for approval.
- 4. All existing shrubs and ground cover are to be shown.
- 5. All plantings that are large for their species, rare to the area, or of other special horticultural or landscape value should be indicated on the plans.
- The plan shall confirm that plantings are shown at their five (5) year growth stage.
- 7. The plan should include exterior lighting.
- 8. The plan should include all maintenance requirements.
- 9. Where existing plantings are to be retained, the plan shall indicate proposed methods of protecting them during construction.
- 10. Upon completion of all required plantings, a letter prepared and signed by a registered landscape architect shall be submitted to the Administrative Officer certifying that all landscape/buffer plantings have been properly installed in compliance with the approved landscape plan.
- 11. See recommendations throughout for recommended additional landscape.

#### **Exterior Elevations**

- 1. Revise the exterior elevation directional tags to be consistent with the plan/site/geographically direction. Consider revising the numbering system to be more logical.
- 2. Provide updated exterior elevations as they do not currently match the provided renderings.
- 3. Orient all plans consistently across sheets for readability and clarity.
- 4. Provide further clarification on the proposed fireplace noted on the exterior elevations.
- 5. Provide further clarifications on the concrete band shown above the main entry door.
- 6. The sidelight next to the main sliding glass door does not appear to be large enough to allow the door to open fully.



- 7. Key plan on elevations should be of the plan and not the RCP.
- 8. Provide elevation markers on all exterior elevations. Not provided on "B1".

- 9. Revise window tags for appropriate key notes. Keynote tags and window tags should not be the same design.
- 10. Confirm what existing elevation is being considered as the "Grade" level.
- 11. Keynotes 9 and 10 are missing on the exterior elevations.
- 12. See recommendations throughout for additional building design suggestions/requirements.

#### Renderings

- 1. Renderings show more exterior signs than permitted.
- 2. Renderings should show what will be seen from street level, not a cut through of grade. Show retaining wall materials.
- 3. The top renderings showing the Northern elevation appears to show grass and a large retaining wall to the East. Indicate how the land be held back to the North in that area.
- 4. Renderings showing the residential neighbors view are required. The provided renderings do not accurately represent their views.
- 5. Renderings to show the residential property to the West accurately. Not all structures are shown.
- 6. The adjacent commercial property is not shown accurately. It is not the same height as the proposed Comfort Inn.
- 7. The West elevation rendering is not shown accurately. The elevation of the building will be partially concealed by the ground. Plantings would not thrive below ground.
- 8. People shown in the renderings are not to scale.
- 9. Provide an awning over the entry door on the West elevation.

#### **COMPREHENSIVE PLAN OBJECTIVES**

Applicants should be considerate of the Town's overarching development goals, including:

- 1. Promote Sustainability
- 2. Promote Conservation
- 3. Increase Sources of Taxable Revenue
- 4. Provide Walkability
- 5. Reduce Excessive Lighting in Residential Neighborhoods
- 6. Promote Good Bristol-Appropriate Design
- 7. Promote Development that is of Appropriate Scale in Relation to Surrounding Residential Neighborhoods
- 8. Promote Safety
- 9. Promote Positive Neighborhood Connections.
- 10. Provide Workforce Opportunities in Town.
- 11. Increase forest cover by 25%
- 12. Promote Recycling
- 13. Provide Parking without Losing Town Character
- 14. Not Over-Tax the Sewer System
- 15. Protect Silver Creek
- 16. Continue Basis Land Use Patterns

17. Protect the Residential Character of Existing Neighborhoods.

The Comprehensive Community Plan indicates this parcel of land is flagged for:

- 1. Future Land Use: Mixed Use (Affordable Residential and Commercial)
- 2. A National Historic Candidate.
- 3. Suitable for conservation and open space.

#### **BUILDING DESIGN**

- Utilizing Bristol-appropriate materials such as clapboard siding, shingles, and field stone.
- 2. Provide a New England-style roof shape similar to other Comfort Inns designs in the local area to reduce the overall scale of the building in comparison to the majority one-story residential properties to the West.
- 3. Install any antennae attached to the building in compliance with Section 28-147 of the Zoning Ordinance.
- 4. Comply with the signage requirements noted in the SIGNAGE section of this report and within the applicable codes, including limitations on the quantity and size of signs allowed.

Below are example renderings that we believe meet the intent of the design guidelines and the Town of Bristol. The designs suggest materials, roof shapes, and landscaping that enhance the project and still meet the programmatic needs proposed by the applicant. These designs reflect elements of designs already produced by Comfort Inn in other New England locations.



Example Scheme A-1



Example Scheme A-2



Example Scheme A-3



Example Scheme A-4



Example Scheme B-1



Example Scheme B-2



Example Scheme B-3



Example Scheme B-4

#### **CONSERVATION**

The Bristol Subdivision & Development Review Regulations give the Planning Board the power to require improvements and dedication of land to mitigate negative impacts of the proposed development or require the applicant to pay a fee to offset these impacts to the site and/or Town.

- 1. Consider dedicating the portion of the site that is not currently proposed to be developed as Open Space/Conservation Land.
- 2. Preserve existing trees, especially old growth, wherever possible within the proposed developed area for neighbor buffering and streetscaping. Specifically, preserve the trees along the Western side of the proposed construction.
- 3. Consider contributing to forest conservation in other areas of Town to aid in the goal of increasing forested areas.

#### **SUSTAINABILITY**

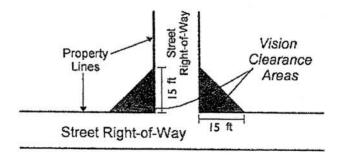
The Town requires all developments to prioritize sustainability and energy efficiency through the appropriate selection of building orientation, materials, shading, landscaping, etc. Following LEED guidelines is encouraged. Low Impact Design (LID) strategies are required and must be consistent with the State of Rhode Island Stormwater Design and Installation Standards Manual.

- Sustainability is not only a priority for the Town of Bristol in their Comprehensive Plan, but an
  objective all design and construction professionals should ethically adhere to on every project.
  Consider opportunities for providing a good-faith effort in terms of sustainable development.
  Adhering to LEED Silver guidelines is a way to balance sustainability practices and would fit within
  the State of Rhode Island's standards for public projects. This may include, but is not limited to:
  - a. Providing rooftop solar panels

- b. Installation of low-flow fixtures
- c. Installation of an energy-efficient heat source
- d. Sourcing materials locally, whenever practical
- e. Installing low-emitting, recycled materials
- f. Requiring sustainable construction practices like recycling, no-idling policies, etc.
- 2. Provide evidence of Low Impact Design (LID) strategies and consistency with the State of Rhode Island Stormwater Design and Installation Standards Manual.

#### **SITE IMPROVEMENTS**

- Consider providing one-way circulation in the rear parking area to reduce the overall footprint, create the feel of a smaller-scale parking area, and provide opportunities for plantings and tree shading.
- 2. Consider the location of the ADA parking spaces in conjunction with how visitors will access the building at any given point during their stay. Providing at least one accessible parking spot close to the main entrance may provide better accessibility for arriving guests, while the spots in the rear parking area may be best for current guests to access the elevators. This will be contingent on the proposed security access design and anticipated circulation.
- 3. Consider providing Bristol-appropriate materials for the retaining walls and garbage enclosure, such as field stone.
  - The trash enclosure must be at least 6 feet in height and fully enclosed. Consider plantings and evergreens around this site feature to minimize its visibility. *Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards, F.2 Public Improvement and Design Standards, Section K.*
- 4. Extend existing sidewalks along the site and provide a crosswalk for pedestrians to access the adjacent sidewalk to comply with the Town Comprehensive Plan goals.
- 5. Consider providing exterior seating areas around the development to promote connectivity per the Bristol Comprehensive Plan.
- 6. Do not install any improvements within the site triangle located at the site entrance. Bristol Zoning Ordinance Section 28-144.



#### **RETAINING WALLS**

Applicants shall be sensitive to and incorporate the natural grade of the site. *Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards.* 

- 1. Buildings designed to make grade transitions or stepped retaining walls with landscaping is recommended.
- 2. Retaining walls shall be distributed throughout the site as necessary.

#### LIGHTING

Lighting should be installed to provide safety, including along sidewalks, entryways, in parking lots, and between buildings. Lighting levels must not infringe on adjacent residential properties per requirements noted throughout the Town of Bristol Subdivision and Development Review Regulations.

1. Provide lighting along the sidewalks, entry, and parking areas to promote safety. Consider dark sky requirements to reduce any unnecessary light pollution and not create a nuisance for the adjacent residential properties. Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards, F.1 General Provisions – Standards for Review, Section F.

#### **COMMUNICATION LINES**

All new electric, communication (telephone, fire alarm, and cable TV), and street lighting lines shall be installed underground. Communication lines are not required to be placed underground for: minor subdivisions where no street creation is required, where utilities already exist aboveground; providing, however, that any new lines follow the existing aboveground utilities; or, where the Planning Board finds that aboveground utilities are consistent with the character of the existing neighborhood.

1. Additional overhead communication lines should not be installed on the Southern side of Gooding Avenue to be consistent with existing conditions. Install secondary lines underground to protect against natural disasters and localized loss of power, given the surrounding tree coverage.

#### **SIGNAGE**

The Bristol Zoning signage guidelines emphasize simplicity. Designs should be clean, bold, and easy to read. Guidelines specifically note signage to:

- 1. Have a maximum of three colors.
- 2. Be compatible with the surrounding area.
- 3. Compliment the building façade.
- 4. Use preferred materials like wood/metal.
- 5. Coordinate with adjacent businesses to have similar scale, height, etc.
- 6. Be limited to either one wall sign or one awning/canopy sign and either one window, protecting, or freestanding sign. (Total of two signs for any given building).

- 7. Be illuminated only with a continuous, stationary, shielded, white light source directed solely onto the sign without causing glare or shining onto residential properties and streets.
- 8. Not be affixed to any utility poles, government-regulated signs (stop signs, street signs, etc.), or natural objects like a rock or tree.
- 9. Note extend more than five feet above the roof line.
- 10. Cover architectural details of the building, including but not limited to moldings, cornices, or transom windows.
- 11. Not impede vision or obstruct access to any street, sidewalk, driveway, parking lot, loading zone, etc.
- 12. Not extend over any street or right-of-way without approval by the Town Administrator.
- 13. Have the street number visible to passing traffic.
- 14. Be limited to 15 SF each.
- 15. Free-standing signs must not exceed 12 feet in height, have a minimum of 4 feet in ground clearance, and be at least 10 feet from all lot lines (50 feet from residential zones).
- 16. Not be installed in the site triangle.
- 17. Given this business is open 24/7, there are no limits to signage lighting hours.

#### **LANDSCAPING**

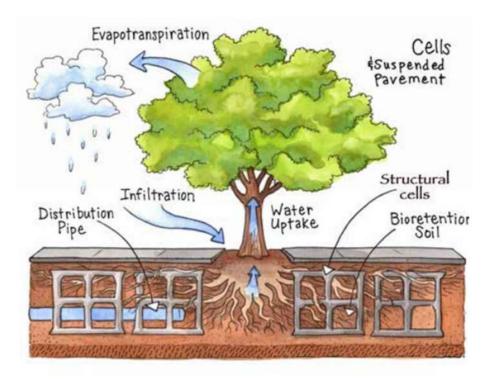
- 1. Landscaping shall be conceived in a total pattern throughout the site, integrating the various elements of a site design, preserving, and enhancing the site where appropriate. Landscaping and vegetative buffers shall be utilized to separate residential areas from major roadways, commercial, and manufacturing areas. The minimum amount of site area that should be landscaped is 30% in the General Business zone. Landscaping includes plant materials such as trees, shrubs, ground covers, grass, and flowers, and may also include other materials such as rocks, berms, woodlands, stone walls, and planters. *Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards, F.2 Public Improvement and Design Standards, Section K.*
- 2. Landscaping must be provided at the following locations:
  - a. All site entrances
  - b. Public areas
  - c. Parking areas
  - d. Drainage facilities, such as retention/detention basins, or drainage swales
  - e. Open Space areas
  - f. Proposed recreation facilities
  - g. Buffer areas
  - h. Rubbish disposal areas as screening
  - i. Lot areas that are disturbed during the construction process or where extensive grading removes a significant amount of natural vegetation
  - j. Areas subject to regrading or stabilization for soil erosion and sediment control purposes

Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards, F.2 Public Improvement and Design Standards, Section K.

- 3. Install plantings and landscape materials must be appropriate for their intended use and local environment (Zone 6), soil conditions, and availability of water. The use of grasses that require minimal watering and fertilization is encouraged. *Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards, F.2 Public Improvement and Design Standards, Section K and F.1 General Provisions-Standards for Review, Section E and H.*
- 4. Install plantings and landscape that promote conservation and sustainability to comply with the Towns Comprehensive Plan and Strategic Treen Canopy Plan.
- 5. Provide a substantial planting buffer between the proposed development, including the parking area, and the adjacent residential neighborhood. At a minimum, install compact evergreens at least six feet tall along the entire length of the West side of the developed area. *Bristol Zoning Ordinance Section 28-155*.
  - a. When selecting plantings being used as a buffer, consider their buffering capabilities during all seasons.
  - b. Consider installing solid fencing along this buffer zone. Materials should be consistent with Bristol guidelines. Chain link fencing is not appropriate for this location.
  - c. Consider including maintenance and replacement requirements for all buffer plantings and fencing to ensure damage and deterioration do not negatively affect the neighbors in the future.
- 6. Do not remove any suitable topsoil. Provide evidence of topsoil condition and preservation to the Authorities Having Jurisdiction before needed Town approvals are made throughout the process. Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards, F.2 Public Improvement and Design Standards, Section K.
- 7. Install street trees along Gooding Avenue. Street trees must be planted at not less than 30 feet apart, but not more than 50 feet. Trees must not be planted within 25 feet of a street corner/intersecting right-of-way. Trees shall be of nursery stock grown under local climatic conditions and of a type as recommended by the Bristol Conservation Commission and approved by the Planning Board. Species that have been introduced to this region by way of Bristol are preferred. See the Bristol Development regulations for a list of approved species. The average trunk diameter measured at a height of six (6) inches above the finished grade shall be a minimum of 2½ inches at the time of planting. Street trees shall have a minimum overall height of eight (8) feet. Street trees shall be of symmetrical growth, free of insect pests and disease, suitable for street use, and durable under the maintenance contemplated. Existing trees on the site, which are suitable for use as street trees, may be used if inspected and approved by the Tree Warden before planting. Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards, F.2 Public Improvement and Design Standards, Section B.
- 8. Install all trees per the Conservation Commission recommendations, noted in the Strategic Tree Canopy Plan, dated March 2024.



**Bristol Conservation Planting Guide** 



Recommended Tree Installation Near Sidewalks (Bristol Conservation)

9. Planting shall be done during the proper season, and no planting shall be done in frozen soil or during unfavorable weather conditions. Each tree shall be planted plumb, slightly lower than where it stood in the nursery (in relation to the finished grade) and shall be thoroughly watered when the hole is two-thirds full of loam. Loam shall be clean, of good quality, and of such fertility and composition that it will continuously support plant growth. After watering, the filling shall be complete, and the loam thoroughly tamped. After planting, a three-inch mulch of well-seasoned manure or peat shall be applied over the disturbed ground, and a shallow watering basin provided

around the tree. Each tree shall be secured by double staking in such manner as to ensure maximum stability and to prevent whipping of the tree in high winds. Such staking shall be accomplished with a pair of 2 ½ inches by 8 feet stakes driven plumb 2 ½ feet into the ground and tied at the tops and bottoms with figure-eight hitches of No. 4 gauge wire encased in rubber hose or its equivalent. All trees shall be watered and maintained by the applicant to ensure that suitable growth has been established and maintained. *Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards*.

- 10. Vegetated buffers shall be planted and maintained where required to avoid adverse impacts from adjacent uses. The width of such buffer easement shall be determined by the Planning Board. The applicant shall propose plantings within the buffer as well as a maintenance plan, which shall be reviewed by the Bristol Conservation Commission and approved by the Planning Board. The maintenance plan shall include a provision whereby failure to maintain the buffer will result in maintenance by the Town at the owner's expense. The buffer easement may be bounded as determined by the Planning Board by either a stone wall, split rail fence, or other similar treatment to demarcate the easement area. *Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards*.
- 11. If the topsoil on a site is suitable for landscaping, then it shall not be removed. To the maximum extent practicable, the applicant shall minimize the areas of the site to be regraded or disturbed. Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards.
- 12. It is the Town's goal to protect and preserve healthy trees and other plant specimens that are large for their species, rare to the area, or of special horticultural or landscape value. Applicants are encouraged to incorporate these natural features into the design of the development. *Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards.*

#### **SCREENING**

Town of Bristol Subdivision and Development Review Regulations, Appendix F, Design and Construction Standards and Bristol Zoning Ordinance Article VIII.

- 1. Fencing, walls, or vegetative screening are required along the perimeter of any development where a buffer is deemed needed to preserve public viewsheds, provide acoustic separation, and minimize the impacts on the surroundings, especially in locations adjacent to residential districts. The proposed plan provides an evergreen buffer along the East and South perimeter of the proposed developed area. Regulations require a double row of compact evergreens at least four feet tall. The proposed design locates the main entry away from the adjacent residential district. Windows and doors along the Western façade of the building are limited to the stairwell and likely an emergency stair exit door, located half a story or more below grade.
- 2. Do not cut down trees along the western side of the property to maintain old-growth vegetation between the building/parking area and the existing residential neighbors.
- 3. Off-street parking larger than 10 spaces should be screened from the view of residential districts and public streets. The proposed design locates the majority of parking in the rear of the building,

which would be largely screened from public view but currently may have sight lines from the adjacent residential properties to the West.

- 4. Service areas should be screened from public and residential views.
  - a. The current design provides an enclosure around their trash collection area. Install dense plantings or fencing around the transformer to conceal it from the view of Gooding Avenue and the adjacent neighbors. Comply with all RI Energy transformer design guidelines. Consider painting bollards a color that helps conceal them from view.
  - b. The loading zone is located at the rear of the building, screened from public view, but may have sight lines from the adjacent residential properties to the West.
- 5. Utility areas must be screened from public and residential views. The current design places the ground-mounted transformer at the front Northwest corner of the property, closest to the road and residential neighborhood. Bollards are shown to protect the transformer, but no screening is currently proposed in the documents provided.

### MEMORANDUM

**TO**: Diane M. Williamson, Administrative Officer

**Bristol Department of Community Development** 

10 Court Street, Bristol, RI 02809

FROM: Amy Johnson, PE

**DATE**: August 22, 2025

**RE**: Master Plan Review - Comfort Inn and Suites

Gooding Avenue Hotel Special Permit and Site Plan Review

Fuss & O'Neill Reference No. 20250382.A10

Fuss and O'Neill has reviewed the documents and correspondence listed below submitted by the Application and Applicant's representatives for the above-reference project and offers the review comments listed below. This review is limited Master Plan Major Land Development submission requirements related to the proposed commercial development.

- Architectural Colored Elevations "Comfort Inn & Suites, Gooding Avenue, Bristol, RI 02809", Dated March 12, 2024, Prepared by Silvestri Architects.
- Architectural Plans "Comfort Inn & Suites, Gooding Avenue, Bristol, RI 02809", Dated May 6, 2024, Prepared by Silvestri Architects.
- Request for Certificate Tax Year 2024, dated May 16, 2025
- Fiscal Impact Study, Proposed Hotel Development, Town of Bristol RI, Prepared by: JDL Enterprises Joseph D. Lombaro, AICP, Dated May 2025
- Application Form for Major Land Developments and Major Subdivisions, dated May 15, 2025
- Major Subdivision or Major Land Development Checklist, dated May 20, 2025
- Plans Entitled "Comfort Inn & Suites, Located on Gooding Avenue, Bristol, Rhode Island, Prepared for Diane Williamson, Dated February 28, 2024, Revised June 5, 2025
- Project Narrative & Environmental Impact Statement, prepared by DiPrete Engineering on behalf of the Applicant D&M Boca Development, LLC, dated June 5, 2025
- "Master Plan Incompleteness Response to Comments" prepared by DiPrete Engineering, dated June 6, 2025
- "Comfort Inn Master Plan Re-submission, Incomplete Application" Letter prepared by Diane Williamson to Applicant, dated June 16, 2025
- Memorandum "Comfort Inn & Suites Request for Waivers", prepared by Diane Williamson, Department of Community Development Director, to the Planning Board, dated July 7, 2025.
- Email "RE: Memorandum to the Planning Board" sent by Micheal Resnik to Diane Williamson, dated July 8, 2025.

The following documents were provided in the Master Plan submission prepared by DiPrete Engineering, but not reviewed by Fuss & O'Neill as they are not required as part of the Master Plan review.

Permit to Alter Freshwater Wetlands, prepared by RIDEM dated December 6, 2024

MEMO- Diane M. Williamson, Administrative Officer August 22, 2025 Page 2 of 4

- Traffic Impact Assessment, Prepared by Solli Engineering, sated April 14, 2023, Revised January 10, 2024
- Water Availability Request, Bristol County Water Authority, Dated January 27, 2025, prepared by D&M Boca Development, LLC.
- Stormwater Management Report, prepared by DiPrete Engineering, dated January 19, 2018, revised March 27, 2025
- Abutter Map with 200' buffer and Abutter List generated from Town of Bristol Assessor Database and GIS data, dated April 8, 2025
- Letter "Gooding Avenue Hotel Availability of Sanitary Sewer" prepared by Jose Da Silva, Superintendent of Water Pollution Control Department, to DiPrete Engineering, dated May 26, 2023
- Email "Hotel on Gooding" prepared by Liz Funt, sent to Diane Williamson, dated June 28, 2025
- Letter "Comfort Inn Hotel, Gooding Ave, Bristol, RI" prepared by Jose Da Silva, Superintendent of Water Pollution Control Department, to Diane Williamson, dated July 2, 2025

### **Major Land Development Checklist Comments**

The following items from the Town of Bristol Master Plan Major Land Development Checklist are missing from the Applicants Submission:

- 1. Required Forms and Documents:
  - a. Per checklist item A.1: "Completed Application Form". Provide name of President or Secretary of D&M Boca Development, LLC.

#### 2. General Information

- a. Per checklist item B.6: Provide deed book and page for parcel information on plans.
- b. Per checklist item B.7: Sheet 4 Existing Resource Plan is missing from the cover page. Revise.
- c. Per checklist item B.9: Names, addresses, and Plat/Lot identified of abutting property owners and property **within 200' of parcel**(s). This information shall be provided on the plans. Revise plans to include information for owners and properties within 200' of parcel.
- d. Per checklist item B.10: "Names and addresses of any agencies or adjacent communities requiring notification under these regulations". Provide information on Plan as required.

#### 3. Existing Conditions

- a. Per checklist item C.9: FEMA 100-Year floodplain boundary is shown on plans, but specific base flood elevation is not listed and FEMA boundary in existing legend should relate to base flood elevation for clarity.
- b. Per checklist item C.11: If there are no soil contaminants present on site, please note this within the plans.
- c. Per checklist item C.15: Boundaries of applicable watershed for the parcel. The Post-Development Wastershed Map does not show the most up to date layout of the site based on the June 6<sup>th</sup> plans. For example, the landscaped items shown on the plan do not match the current layout. Revise the watershed figures to illustrate the current site layout.
- d. Per checklist item C.20.d Wellhead protection area is not listed under General Note 6 on the General Notes and Legend Plan Sheet 3 of 13.

MEMO- Diane M. Williamson, Administrative Officer August 22, 2025 Page 3 of 4

#### 4. Supporting Materials:

- a. Per checklist item E.2 & E.27: Provide renderings or photographs to illustrate the visual impact of commercial development on abutting properties.
- b. Per checklist item E.3.(g) The narrative does not address a general viewshed analysis, showing the locations and extent of significant views both from and within the proposed development parcel as well as anticipated views into the property from the adjacent public or private streets and properties. Provide in resubmission for Master Plan to be deemed complete.
- c. Per checklist item E.11: "For subdivisions/developments proposing service by public sewer, copies of a written statement from the Bristol Water Pollution Control Department that the proposed plan, with plan revision date indicated, has been reviewed and which provides: a. Approval of connection to the existing sewer main as depicted on the plan; and b. If extension is proposed, approval of extension of the sewer main as depicted on the plan."
  - i. Per the letter from Town of Bristol, Diane Williamson, dated July 7, 2025, stating the latest plans (June 6, 2025) do not provide enough detail for the approval of the proposed sewer connection which is checklist requirement for the Master Plan. Resolve the concerns of the Bristol Water Pollution Control Department outlined in the July 2, 2025 letter from Superintendent Jose Da Silva and provide correspondence regarding resolution and approval of service to the development.
- d. Per checklist item E.14 Provide written comments on the plans by the listed officials, committees, directors, and departments.
- e. Per checklist item E.26 Provide a Photometric Plan.
- f. Per checklist item E.28 Provide plan showing proposed signage location, size, design, and illumination.

#### **Plan Comments**

- 1. General Notes & Legend (Sheet 3 of 13)
  - a. General Note 10 states that the site has no waivers. Revise if waiver requests are maintained.
- 2. Existing Resource Plan (Sheet 4 of 13)
  - a. Side yard setback is on the western property line is mislabeled as front yard setback.
- 3. Erosion & Sediment Control Plan (Sheet 5 of 13)
  - a. Limit of disturbance on plan sheet legend does not match line type on General Notes and Legend Sheet (Sheet 3 of 13).
  - b. Temporary 68' contour does not tie into existing contours within Filtrexx sediment perimeter control. Revise erosion control or temporary contour, as needed.
  - c. Label elevations of temporary contours.
- 4. Site Layout Plan (Sheet 6 of 13)
  - a. Provide detail for how compact parking stalls will be demarcated from standard parking stalls.
  - b. Along the southern boundary of the development, the retaining wall is shown on top of the vegetative screening. Revise plan to show spacing between vegetative screening and retaining wall and update limit of disturbance as needed.
  - c. Provide intent for crosswalk location across drive aisle and drop off lane.
- 5. Grading Plan (Sheet 7 of 13)
  - a. Add contour labels to all proposed contours.

MEMO- Diane M. Williamson, Administrative Officer August 22, 2025 Page 4 of 4

- b. Add spot grades between the two 76' contours in the north end of the site to the west of the driveway to clarify grading intent.
- c. Add spot grades within concrete plaza to show grading intent at building entrance on the east side.
- d. Add spot grades within parking lots, on south side of the building, to show how runoff will be conveyed to the catch basins along the southern perimeter of the parking lot or the slot drain across the sidewalk. The building's finish floor elevation is lower than rim elevations of catch basins within the parking lot.
- 6. Drainage and Utilities Plan (Sheet 8 of 13)
  - a. Provide rim and invert information for DMH-8 (Bypass) and DMH-9 (Bypass).
  - b. Provide rim elevation of Slot Drain-20.
  - c. Rim elevation does not appear accurate for DI-5 based on proximity to 78' contour. Revise rim elevation.
  - d. Cover of DMH-3 is located within the curb line and the structure will conflict with the installation of the concrete curb. Revise location of DMH-3.
- 7. Underground System A & Details (Sheet 10 of 13)
  - a. Based on Slot Drain-20 rim elevation of 76.72' on the Grading Plan Sheet and assuming a typical curb reveal of 6", the parking lot finish grade is 76.22' at the bottom of curb. The top stone elevation over the UIS-A is listed at 76.50'. The 18" minimum cover is not provided over the system in this location.
  - b. Provide maximum loading and minimum cover requirements for pipes within the UDS-A system.
  - c. Based on groundwater table findings in TP-7 and TP-5 the groundwater table elevation is approximately 76' and 73.7', respectively. Provide buoyancy calculations for UDS-A since the system is located within the groundwater table.
- 8. Underground System B, Sand Filter & Details (Sheet 11 of 13)
  - a. Separation of bottom of sand filter practice and groundwater table is 1-ft and not in compliance with the minimum separation requirement of 3 feet per 250-RICR-150-10-8.21.B.7.

Please contact Amy Johnson at (401) 861-3073 if you have any questions.

Peer Reviewer Contact Information:

Amy Johnson, PE Project Manager

Office: 5 Fletcher Street Suite 1

Kennebunk, ME 04043

email: amy.johnson@fando.com

TRC Representative Contact information:

Bree D. Sullivan, PE

Associate | Office Manager
Office: 600 Unicorn Park Drive

Woburn, MA 01801

email: <u>bree.sullivan@fando.com</u>

Phone: 781-287-9919

AJ:mjt

Item B1



## Town of Bristol, RI

WATER POLLUTION CONTROL DEPARTMENT 2 PLANT AVENUE BRISTOL, RI 02809-3015

BRISTOL, RI 02809-3015 (401) 253-8877 fax: (401) 253-2910

Jose' J. Da Silva, Superintendent

TOWN HALL 10 COURT STREET BRISTOL, RI 02809 (401) 253-7000

8/25/2025

To: Planning Board.

Re: Sewer Revisions Submission (7-11-2025) Master Plan Submission – Comfort Inn & Suites Gooding Avenue, Assessor's Plat 111 Lot 1

Dear Mr. Duhamel

The Bristol Water Pollution Control Department has reviewed the referenced Master Plan submission as it relates to the proposed hotel's sanitary sewer service. The Department conceptually agrees with the proposed system that consists of:

- Small submersible pumping station to service the hotel
- Force main connection to the 15-inch gravity sewer easement east of the proposed hotel
- 8,000 gallon tank for storage of wastewater

Upon further thought on how best to address the concern of severe weather, especially rain events, the following should be added.

- That the controls for the pumps to the pump station shall be accessible outside adjacent to the station for servicing and for safety reasons, a standard practice. We ask that the Sewer Department be given keys to access the controls in time of severe storm events.
- That a Smart Level equipment device be installed and associated communication services for downstream manhole monitoring. Water Pollution Control Department shall receive signals and information. Equipment, monthly fees and maintenance to be paid for by Hotel.
- Furnish equipment and establish signal between hotel pump station operation and Water Pollution Control Department (On –Off-High- Alarm)
- Submit operation and maintenance procedures for Hotel operation of overflow valve.
- That the hotel enter an agreement with septage haulers in case of need to empty the holding tank if and when the 15" main is at capacity.

Sincerely,

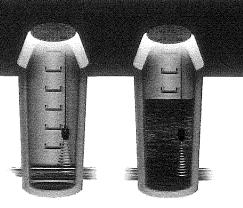
Jose' Da Silva Superintendent Bristol WPCF

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