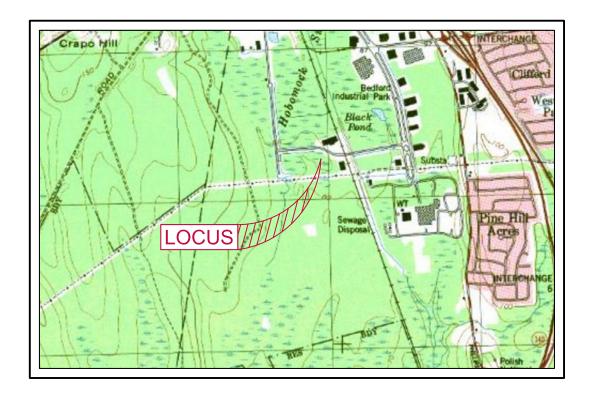


### NOTICE OF INTENT

### SITE PLAN

ASSESSORS MAP 133 - LOT 47 61 JOHN VERTENTE BOULEVARD NEW BEDFORD, MASSACHUSETTS



PREPARED FOR:

TIM CUSSON SMRE 61, LLC 100 DUCHAINE BOULEVARD NEW BEDFORD, MA 02745

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- 5. EXHIBIT "B" FIRM MAP
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- 7. EXHIBIT "D" HYDROLOGIC CALCULATIONS & WATERSHED PLANS
- 8. EXHIBIT "E" LONG TERM OPERATION & MAINTENANCE PLAN
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### **Massachusetts Department of Environmental Protection**Bureau of Resource Protection - Wetlands

### WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number
New Bedford
City/Town

#### Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

### A. General Information

61 John Vertente Bo	oulevard	New Bedford	02745
a. Street Address		b. City/Town	c. Zip Code
Latitude and Langiti	ido:	41° 43′ 09 N	70° 57' 53" W
Latitude and Longitu	uue.	d. Latitude	e. Longitude
133		47	
f. Assessors Map/Plat No	umber	g. Parcel /Lot Number	
Applicant:			
Tim		Cusson	
a. First Name		b. Last Name	
SMRE 61, LLC			
c. Organization			
100 Duchaine Boule	evard		
d. Street Address			
New Bedford		MA	02745
e. City/Town		f. State	g. Zip Code
(617) 908-0825 h. Phone Number	i. Fax Number	timc@parallelproducts.o j. Email Address	com
a First Name		h Loot Nome	
a. First Name		b. Last Name	
a. First Name c. Organization		b. Last Name	
		b. Last Name	
c. Organization		b. Last Name	g. Zip Code
c. Organization d. Street Address e. City/Town	i. Fax Number		g. Zip Code
c. Organization d. Street Address		f. State	g. Zip Code
c. Organization d. Street Address e. City/Town h. Phone Number Representative (if a		f. State	g. Zip Code
c. Organization d. Street Address e. City/Town h. Phone Number		f. State j. Email address	g. Zip Code
c. Organization  d. Street Address  e. City/Town  h. Phone Number  Representative (if a Christian		f. State  j. Email address  Farland	g. Zip Code
c. Organization d. Street Address e. City/Town h. Phone Number Representative (if a Christian a. First Name		f. State  j. Email address  Farland	g. Zip Code
c. Organization  d. Street Address e. City/Town h. Phone Number Representative (if a Christian a. First Name Farland Corp. c. Company 401 County Street		f. State  j. Email address  Farland	g. Zip Code
c. Organization  d. Street Address  e. City/Town  h. Phone Number  Representative (if a Christian a. First Name Farland Corp. c. Company 401 County Street		f. State  j. Email address  Farland	g. Zip Code
c. Organization  d. Street Address  e. City/Town  h. Phone Number  Representative (if a Christian a. First Name Farland Corp. c. Company 401 County Street d. Street Address New Bedford		f. State  j. Email address  Farland b. Last Name	02740
c. Organization d. Street Address e. City/Town h. Phone Number Representative (if a Christian a. First Name Farland Corp. c. Company		f. State  j. Email address  Farland b. Last Name	
c. Organization d. Street Address e. City/Town h. Phone Number Representative (if a Christian a. First Name Farland Corp. c. Company 401 County Street d. Street Address New Bedford e. City/Town (508) 717-3479	(508) 717-3481	f. State  j. Email address  Farland b. Last Name  MA f. State cfarland@farlandcorp.c	<u>02740</u> g. Zip Code
c. Organization d. Street Address e. City/Town h. Phone Number Representative (if a Christian a. First Name Farland Corp. c. Company 401 County Street d. Street Address New Bedford	ny):	f. State  j. Email address  Farland b. Last Name  MA f. State	<u>02740</u> g. Zip Code
c. Organization d. Street Address e. City/Town h. Phone Number Representative (if a Christian a. First Name Farland Corp. c. Company 401 County Street d. Street Address New Bedford e. City/Town (508) 717-3479 h. Phone Number	(508) 717-3481 i. Fax Number	f. State  j. Email address  Farland b. Last Name  MA f. State cfarland@farlandcorp.c j. Email address	<u>02740</u> g. Zip Code
c. Organization  d. Street Address  e. City/Town  h. Phone Number  Representative (if a Christian a. First Name Farland Corp. c. Company 401 County Street d. Street Address New Bedford e. City/Town (508) 717-3479 h. Phone Number	(508) 717-3481	f. State  j. Email address  Farland b. Last Name  MA f. State cfarland@farlandcorp.c j. Email address  Transmittal Form):	<u>02740</u> g. Zip Code

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### **Massachusetts Department of Environmental Protection**Bureau of Resource Protection - Wetlands

### WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:		
	MassDEP File Number	
	Document Transaction Number	
	Document Transaction Number	
	New Bedford	
	City/Town	

A.	General Information (continued)			
6.	General Project Description:			
The applicant is seeking approval to construct an alternate access driveway on the nor the property. This project will include a rain garden to attenuate stormwater runoff with grading and will incorporate a cape cod berm along the majority of the edge of paveme				
7a.	Project Type Checklist: (Limited Project Types see	Section A. 7b.)		
	1. Single Family Home	2. Residential Subdivision		
	3.   Commercial/Industrial	4. Dock/Pier		
	5. Utilities	6. Coastal engineering Structure		
	7. Agriculture (e.g., cranberries, forestry)	8. Transportation		
	9. Other			
7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Exestoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inlanction of Limited Project). If yes, describe which limited project applies to this project. (See 3 10.24 and 10.53 for a complete list and description of limited project.				
	2. Limited Project Type			
	If the proposed activity is eligible to be treated as ar CMR10.24(8), 310 CMR 10.53(4)), complete and at Project Checklist and Signed Certification.			
8.	Property recorded at the Registry of Deeds for:			
	Bristol (New Bedford) a. County	b. Certificate # (if registered land)		
	12259	127		
	c. Book  Buffer Zone & Resource Area Impa	d. Page Number		
	_			
1.	■ Buffer Zone Only – Check if the project is located Vegetated Wetland, Inland Bank, or Coastal Re			
2.	☐ Inland Resource Areas (see 310 CMR 10.54-10 Coastal Resource Areas).			
	Check all that apply below. Attach narrative and any	supporting documentation describing how the		

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

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narrative

area was

delineated.

the resource

### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

### WPA Form 3 – Notice of Intent

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rov	ided by MassDEP:
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### B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Resource Area Size of Proposed Alteration Proposed Replacement (if any) Bank 1. linear feet 2. linear feet For all projects b. 🖂 **Bordering Vegetated** affecting other Wetland 1. square feet 2. square feet Resource Areas. please attach a c. 🗌 Land Under 1. square feet 2. square feet explaining how Waterbodies and Waterways 3. cubic yards dredged Proposed Replacement (if any) Resource Area Size of Proposed Alteration **Bordering Land** d. 🗌 1. square feet 2. square feet Subject to Flooding 3. cubic feet of flood storage lost 4. cubic feet replaced Isolated Land e. 1. square feet Subject to Flooding 2. cubic feet of flood storage lost 3. cubic feet replaced f. | | Riverfront Area 1. Name of Waterway (if available) - specify coastal or inland Width of Riverfront Area (check one): 25 ft. - Designated Densely Developed Areas only ☐ 100 ft. - New agricultural projects only 200 ft. - All other projects 3. Total area of Riverfront Area on the site of the proposed project: square feet 4. Proposed alteration of the Riverfront Area: a. total square feet b. square feet within 100 ft. c. square feet between 100 ft. and 200 ft. 5. Has an alternatives analysis been done and is it attached to this NOI? ☐ Yes ☐ No 6. Was the lot where the activity is proposed created prior to August 1, 1996? ☐ Yes ☐ No

Note: for coastal riverfront areas, please complete Section B.2.f. above.

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)



### **Massachusetts Department of Environmental Protection**Bureau of Resource Protection - Wetlands

### WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

rov	vided by MassDEP:
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	City/Town

### B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

4.

5.

Resource Area		Size of Proposed Alteration	Proposed Replacement (if any)
а. 🗌	Designated Port Areas	Indicate size under Land Under	the Ocean, below
b. 🗌	Land Under the Ocean	square feet     cubic yards dredged	
с. 🗌	Barrier Beach	Indicate size under Coastal Beac	ches and/or Coastal Dunes below
d. 🗌	Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. 🗌	Coastal Dunes	1. square feet	2. cubic yards dune nourishment
		Size of Proposed Alteration	Proposed Replacement (if any)
f g	Coastal Banks Rocky Intertidal Shores	1. linear feet  1. square feet	
h. 🗌 i. 🔲	Salt Marshes Land Under Salt	1. square feet	2. sq ft restoration, rehab., creation
	Ponds	1. square feet	
j. 🗌	Land Containing Shellfish	cubic yards dredged     1. square feet	
k. 🗌	Fish Runs	Indicate size under Coastal Bank Ocean, and/or inland Land Unde above	
. 🗆		1. cubic yards dredged	
ı.	Land Subject to Coastal Storm Flowage storation/Enhancement	1. square feet	
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.			
a. square	e feet of BVW	b. square feet of S	alt Marsh
☐ Project Involves Stream Crossings			
a. numbe	a. number of new stream crossings b. number of replacement stream crossings		

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### **Massachusetts Department of Environmental Protection** Bureau of Resource Protection - Wetlands

### WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Prov	vided by MassDEP:
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### C. Other Applicable Standards and Requirements This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists - Required Actions (310 CMR 10.11). Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review 1. Is any portion of the proposed project located in Estimated Habitat of Rare Wildlife as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the Massachusetts Natural Heritage Atlas or go to http://maps.massgis.state.ma.us/PRI\_EST\_HAB/viewer.htm. If yes, include proof of mailing or hand delivery of NOI to: a. Yes No Natural Heritage and Endangered Species Program **Division of Fisheries and Wildlife** 1 Rabbit Hill Road August 2017 Westborough, MA 01581 b. Date of map If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below). c. Submit Supplemental Information for Endangered Species Review\* 1. Percentage/acreage of property to be altered: (a) within wetland Resource Area percentage/acreage (b) outside Resource Area percentage/acreage 2. Assessor's Map or right-of-way plan of site 2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work \*\* (a) 🛛 Project description (including description of impacts outside of wetland resource area & buffer zone)

Photographs representative of the site

<sup>\*</sup> Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

<sup>\*\*</sup> MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process. wpaform3.doc • rev. 6/28/2016 Page 5 of 9



3.

### **Massachusetts Department of Environmental Protection**Bureau of Resource Protection - Wetlands

### WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

rov	ided by MassDEP:
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### C. Other Applicable Standards and Requirements (cont'd)

Make	(c) MESA filing fee (fee information available at <a href="http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm">http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm</a> ). Make check payable to "Commonwealth of Massachusetts - NHESP" and <i>mail to NHESP</i> at above address				
Projec	Projects altering 10 or more acres of land, also submit:				
(d)	(d) Vegetation cover type map of site				
(e)	(e) Project plans showing Priority & Estimated Habitat boundaries				
(f) O	R Check One of the Following				
1. 🗌	Project is exempt from MESA review. Attach applicant letter indicating which <a href="http://www.mass.gov/dfwele/dfw/nhesp">http://www.mass.gov/dfwele/dfw/nhesp</a> the NOI must still be sent to NHESP if 310 CMR 10.37 and 10.59.)	/regulatory_review/mesa	/mesa_exemptions.htm;		
2. 🗌	Separate MESA review ongoing.	a. NHESP Tracking #	b. Date submitted to NHESP		
3.	Separate MESA review completed. Include copy of NHESP "no Take" dete Permit with approved plan.	rmination or valid Conse	rvation & Management		
For coasta	al projects only, is any portion of the propertion of the propertion.	osed project located belo	w the mean high water		
a. 🛛 Not	applicable – project is in inland resource	area only b.  Yes	☐ No		
If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:					
South Shor the Cape &	re - Cohasset to Rhode Island border, and Islands:	North Shore - Hull to New	Hampshire border:		
Division of Marine Fisheries - Southeast Marine Fisheries Station Attn: Environmental Reviewer 1213 Purchase Street – 3rd Floor New Bedford, MA 02740-6694 Email: DMF.EnvReview-South@state.ma.us  Division of Marine Fisheries - North Shore Office Attn: Environmental Reviewer 30 Emerson Avenue Gloucester, MA 01930 Email: DMF.EnvReview-North@state.ma.us					

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

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### **Massachusetts Department of Environmental Protection** Bureau of Resource Protection - Wetlands

### WPA Form 3 - Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Prov	ided by MassDEP:
	MassDEP File Number
	Document Transaction Number
	New Bedford
	City/Town

### C. Other Applicable Standards and Requirements (cont'd)

	4.	Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
Online Users: Include your document		a.   Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). <b>Note:</b> electronic filers click on Website.
transaction number		b. ACEC
(provided on your receipt page) with all	5.	Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
supplementary		a. 🗌 Yes 🖾 No
information you submit to the Department.	6.	Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)
		a. ☐ Yes ⊠ No
	7.	Is this project subject to provisions of the MassDEP Stormwater Management Standards?
		<ul> <li>a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:</li> <li>1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)</li> </ul>
		2. A portion of the site constitutes redevelopment
		3. Proprietary BMPs are included in the Stormwater Management System.
		b. No. Check why the project is exempt:
		1. Single-family house
		2. Emergency road repair
		3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.
	D.	Additional Information
		This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).
		Applicants must include the following with this Notice of Intent (NOI). See instructions for details.
		<b>Online Users:</b> Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.
		1. Subscription of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site (Electronic filers may omit this item.)

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to the boundaries of each affected resource area.

Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative

2. 🖂



### **Massachusetts Department of Environmental Protection**Bureau of Resource Protection - Wetlands

### WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Prov	ided by MassDEP:
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	New Bedford
	City/Town

<b>Di /taaitional inionination</b> (cont a	D.	Additional Information (	(cont'd)
--	----	--------------------------	----------

D.	Addi	itional Information (cont'd)									
	3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.										
	4. 🛛	List the titles and dates for all plans and other materials submitted with this NOI.									
		e Plan – 61 John Vertente Boulevard – Asses	ssors Map 133 Lot 47 – Ne	ew Bedford,							
		ssachusetts	Obviction A. Fordand								
		land Corp. repared By	Christian A. Farland c. Signed and Stamped by								
		22-18	1"=20'								
	-	inal Revision Date	e. Scale								
		rmwater Report	5. 554.5	02-22-18							
		dditional Plan or Document Title	-	g. Date							
	5.	If there is more than one property owner, ple listed on this form.	ease attach a list of these p	property owners not							
	6.	Attach proof of mailing for Natural Heritage	and Endangered Species	Program, if needed.							
	7.	Attach proof of mailing for Massachusetts D	ivision of Marine Fisheries	, if needed.							
	8. 🛛	Attach NOI Wetland Fee Transmittal Form									
	9. 🛛	Attach Stormwater Report, if needed.									
Ē.	Fees										
	1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.										
			ŕ								
		nts must submit the following information (in ansmittal Form) to confirm fee payment:	addition to pages 1 and 2	of the NOI Wetland							
	6487 02-22-18										
		pal Check Number	3. Check date								
	6486		02-22-18								
		Check Number	5. Check date								
	Farland	Corp.									
	6. Payor name on check: First Name 7. Payor name on check: Last Name										

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### Massachusetts Department of Environmental Protection Bureau of Resource Protection - Wetlands

### WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

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New Bedford

City/Town

### F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

Film	2/22/18
1. Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	4. Date
5. Signature of Representative (if any)	2 - 22 - 18 6. Date

#### For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

#### For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

#### Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



### Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

### **NOI Wetland Fee Transmittal Form**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





A. Applicant I	nformation								
Location of Proje	Location of Project:								
61 John Vertent	e Boulevard	New Bedford							
a. Street Address		b. City/Town							
6486		\$762.50							
c. Check number		d. Fee amount							
2. Applicant Mailin	g Address:								
Tim		Cusson							
a. First Name		b. Last Name							
Parallel Product	Parallel Products of New England								
c. Organization									
401 Industry Ro	401 Industry Road								
d. Mailing Address									
Louisville		KY	40208						
e. City/Town		f. State g. Zip Code							
(617) 908-0825		TimC@parallelproducts.c	om						
h. Phone Number	i. Fax Number	j. Email Address							
3. Property Owner	(if different):								
Tim		Cusson							
a. First Name		b. Last Name							
SMRE 61, LLC									
c. Organization									
100 Duchaine B									
d. Mailing Address									
New Bedford		MA	02745						
e. City/Town		f. State	g. Zip Code						
(617) 908-0825		TimC@parallelproducts.com							
h. Phone Number	i. Fax Number	j. Email Address							

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

#### B. Fees

Fee should be calculated using the following process & worksheet. *Please see Instructions before filling out worksheet.* 

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

**Step 4/Subtotal Activity Fee:** Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

**Step 6/Fee Payments:** To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



### **Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

### **NOI Wetland Fee Transmittal Form**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)			
Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Category 3) Driveway Construction	1	\$1,050	\$1,050
Category 2) Source Discharge	1	\$500	\$500
	Step 5/T	otal Project Fee:	
	Step 6	Fee Payments:	
	Total	Project Fee:	\$1,550 a. Total Fee from Step 5
	State share	of filing Fee:	\$762.50 b. 1/2 Total Fee <b>less \$</b> 12.50
	City/Town shar	e of filling Fee:	\$787.50 c. 1/2 Total Fee <b>plus</b> \$12.50

### C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection Box 4062 Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

**To MassDEP Regional Office** (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Bk: 12259 Pg: 127



Bk: 12259 Pg: 127 Pg: 1 of 3 BS Doc: DEED 11/01/2017 03:18 PM

MASSACHUSETTS EXCISE TAX Bristol ROD South 001 Date: 11/01/20/7 03:18 PM Ctri# 023554 08081 Doc# 00028997 Fee: \$13,224.00 Cons: \$2,900,000.00

### QUITCLAIM DEED

SYMMETRY NEW BEDFORD REAL ESTATE, LLC, a Delaware limited liability company (the "Grantor") with an address of 3724 N. State Road 15, Warsaw, Indiana 46582 for consideration paid of TWO MILLION NINE HUNDRED THOUSAND AND 00/100 DOLLARS (\$2,900,000.00), grants to

SMRE 61, LLC, a Delaware limited liability company, with an address of 100 Duchaine Boulevard, New Bedford, Massachusetts 02746, with quitclaim covenants the land known and numbered as 61 John Vertente Boulevard, located in New Bedford, County of Bristol, Commonwealth of Massachusetts, more particularly described as follows:

BEGINNING at the northeast corner of the land herein described at a point formed by the intersection of the southerly line of Samuel Barnet Boulevard with the westerly line of John Vertente Boulevard as shown on plan of land hereinafter mentioned;

thence SOUTH 05° 29' 10" EAST in said westerly line of John Vertente Boulevard, six hundred ninety-nine and 86/100 (699.86) feet to a cement bound at land now or formerly of Polaroid Corp. as shown on said plan;

thence SOUTH 84° 30' 50" WEST in line of last-named land, nine hundred eight and 85/100 (908.85) feet to Lot B as shown on said plan;

thence NORTH 05° 29' 10" WEST in line of last-named lot, eight hundred twenty and 00/100 (820.00) feet to the said southerly line of Samuel Barnet Boulevard;

thence NORTH 84° 30' 50" EAST in said line of Samuel Barnet Boulevard, four hundred thirtythree and 62/100 (433.62) feet to a drill hole;

thence NORTHEASTERLY, EASTERLY and SOUTHEASTERLY still in said line of Samuel Barnet Boulevard, in the arc of a curve having a radius of four hundred fifty and 00/100 (450.00) feet, a distance of two hundred twenty-two and 85/100 (222.85) feet to a drill hole; and

thence SOUTHEASTERLY still in said line of Samuel Barnet Boulevard, in the arc of a curve having a radius of five hundred fifty and 00/100 (550.00) feet, a distance of two hundred

MAIL!

Bk: 12259 Pg: 128

seventy-two and 37/100 (272.37) feet to the said westerly line of line of John Vertente Boulevard and the point of beginning.

CONTAINING 16.4 acres, more or less.

BEING shown as Lot A on "Approval Not Required Plan in New Bedford, Massachusetts, drawn for Johnson & Johnson Professional, Inc., prepared by Earle O. Phillips, Jr., Registered Professional Land Surveyors, 203 Belleville Road, New Bedford, MA 02745" dated January 18, 1999 and recorded with the Bristol County S. D. Registry of Deeds in Plan Book 142, Page 27.

Meaning and intending to convey those premises conveyed to Grantor by Special Warranty Deed from DePuy Orthopaedics, Inc. (f/k/a Johnson & Johnson Professional, Inc.) dated January 28, 2008, recorded in the Bristol County S. D. Registry of Deeds, in Book 8931, Page 199.

SUBJECT to all encumbrances of record, including easements, restrictions, and rights of way, if any, insofar as the same may be in force and applicable.

This conveyance is hereby expressly made subject to: (i) the restrictions contained in a deed dated September 21, 1978, and recorded in said Registry of Deeds in Book 1796, Page 1060, as amended by an instrument dated July 14, 2005, and recorded in said Registry of Deeds in Book 7665, Page 48, as further amended by a certificate and release dated October 19, 2007, and recorded in said Registry of Deeds in Book 8832, Page 259, as further amended by a certificate and release dated January 9, 2008, and recorded in said Registry of Deeds in Book 8931, Page 190, as further amended by a certificate and release dated North Levy 1, 2017, and recorded in said Registry of Deeds in Book 12259, Page 124, and as further affected by a Confirmatory Amendment to Restrictive Covenant dated North Levy 1, 2017, and recorded in said Registry of Deeds in Book 12259, Page 121; and (ii) a 150' wide easement to New Bedford Gas & Edison Light Co. as shown on the plan hereinabove mentioned.

The Grantor is not classified for the current taxable year as a corporation for federal tax purposes.

[Signature Page Follows]

Bk: 12259 Pg: 129

Witness my hand and seal this 31 day of october, 2017.

Symmetry New Bedford Real Estate, LLC

Name: John Connolly

Title: EVP/CFO

COMMONWEALTH OF MASSACHUSETTS

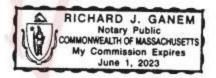
COUNTY OF ESSEX

Before me, on this 31<sup>st</sup> day of <u>CCTORED</u>, 2017, the undersigned notary public, personally appeared John Connolly, an Executive Vice President and the Chief Financial Officer of Symmetry New Bedford Real Estate, LLC, who proved to me through satisfactory evidence which is <u>KNOUN TO ME</u> to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose in such capacity.

Notary Public

My commission expires: 6/1/2023

3179161.1/12850-28



## STORMWATER MANAGEMENT REPORT & NARRATIVE

### STORMWATER MANAGEMENT REPORT AND NARRATIVE

Proposed Site Plan
61 John Vertente Boulevard (Map 133 Lot 47)
New Bedford, Massachusetts 02745

### **Project Summary**

The project area associated with this proposed development is located at the southerly side of John Vertente Boulevard in the New Bedford Business Park in northern New Bedford. The site is comprised tax parcel Lot 47 on Assessor's Map 133, and consists of approximately 16.4+/- acres. The proposed project area is comprised of a Northwesterly portion of the parcel area. All of the parcel area, including the entire proposed project area, is located in the city's Industrial C zoning district. The site currently contains a large commercial building of the warehouse style consistent with other buildings within this business park. There also exists associated parking, loading, and landscaped areas, as well as several flagged areas of bordering vegetated wetlands. Access to the site is gained from a short dead end street named John Vertente Boulevard just off of the southerly side Samuel Barnet Boulevard.

The applicant is seeking permission to provide an alternate access driveway to the project site to be located in the northwesterly corner connected an existing parking area to the layout of Samuel Barnett Boulevard. In association with the access driveway, a rain garden is proposed to attenuate the expected stormwater runoff. The driveway will also incorporate a bituminous concrete Cape Cod berm along the majority of the edge of pavement, except where a stone diaphragm will direct runoff into the rain garden. Necessary grading and clearing will accompany each of these improvements, but will be limited to the required area keeping disturbance to a minimum.

The current use of the property is a vacant but most recently had been used as an industrial manufacturing plant dealing with mostly medical supplies. The applicant has previously filed to change the use to a food distribution and warehousing facility for the shipping company NWD Trucking, which will occupy the majority of the property and building. The existing building is configured to meet the needs of the applicant in terms of size and functionality and thus will require no changes to the footprint of the building.

In order to attenuate the increased stormwater runoff generated by the proposed impervious site coverage and to provide the appropriate level of water quality treatment, additional stormwater management practices have been proposed.

### Methodology

Drainage computations were performed using the Natural Resources Conservation Services (NRCS) TR-20 method and HydroCAD® Drainage Calculation Software to determine the change in the existing and post-development runoff rates from each drainage area for the 2-, 10-, and 100-year 24 hour storm events. The limits of the work proposed to complete the project fall within an area subject to protection by the Wetlands Protection Act, therefor, compliance with DEP Stormwater Management Standards is required. Sketches of the existing and proposed watershed areas, HydroCAD® Report, and copies of the calculation sheets are included as appendices to this report.

### **Existing Conditions**

The soils underlying the site are identified in the Natural Resources Conservation Service (NRCS) Soil Survey of Bristol County. The site soils are classified as 39A (Scarboro mucky fine sandy loam, 0-3 percent slopes, Hydrologic Soil Group: "C") and 602 (Urban Land, HSG: "Unranked")

### **Stormwater Management Overview**

### **Existing Conditions:**

The project site consists of one existing subcatchment drainage area, which discharges to the existing grass, wooded and wetland areas within this undeveloped portion of the property and uses natural exfiltration as its means of attenutation.

### **Proposed Conditions:**

Under proposed conditions, one subcatchment area has been included in the drainage model. The newly paved area directs runoff via sheet flow to a stone diaphragm first, next to a proposed rain garden, and finally if the basin itself reaches the proposed berm will overflow towards the existing BVW.

In accordance with the Stormwater Handbook, the rate mitigation facilities have been engineered to reduce post-development runoff rates from pre-development conditions.

### **Stormwater Management Standards**

### Standard 1:

 Under proposed conditions, there will be no new untreated discharges or erosion in wetland areas. Drainage outfalls from the rain garden which discharge toward the existing northerly Bordering Vegetated Wetlands are provided with rip-rap spillways to help control velocity and erosion at the outlet. Stormwater discharges have been held below erodible velocities. This standard has been met.

### Standard 2:

• The design of the stormwater system was designed for the post-development conditions to handle all storms' peak discharges and runoff volume to include the 2 and 10-year storm events. An evaluation of peak discharges from the 100-year storm 24-hour storm event demonstrates that although a small increase in the peak discharge rate occurs, the discharge will not result in increased off-site flooding due to the short duration of increased rate and the overall reduced volume of runoff. The site drainage system was designed in consideration of the structural standards and techniques of the Best Management Practices (BMP) and Low Impact Development (LID) outlined in the "Stormwater Management Handbook".

\*See *Exhibit D* for supporting hydrologic calculations

#### Standard 3:

 The proposed rain garden has been designed to recharge most of the anticipated stormwater runoff from all of the new impervious area and any additional runoff will be directed toward the overflow riprap area and finally to the existing BVW. This standard has been met.

#### Standard 4:

 Suitable practices for source control and pollution prevention have been identified in a long-term pollution prevention plan in *Exhibit F*. Structural BMPs have been designed to capture the required water quality volume determined in accordance with the Stormwater Handbook. As a partial redevelopment project, runoff from the new impervious areas is required to be treated to the maximum extent practicable. This standard has been met.

#### Standard 5:

 Stormwater discharges are proposed to be treated by the specific structural BMPs determined to be suitable for treating runoff from such land uses. Rain gardens are appropriate BMPs for use with Land Uses with Higher Potential Pollutant Load. BMPs have been designed to treat 1.0 inch of runoff times the total new impervious are at the postdevelopment site. This standard has been met

#### Standard 6:

 The site does not discharge within the Zone II or IWPA of a public water supply, nor does it discharge near or to any critical areas. This standard does not apply.

### Standard 7:

• This project is a partial re-development project. Some of the site is currently paved or covered with impervious cover. Those areas where

new impervious coverage is proposed have been designed to meet all of the required Stormwater Standards. Those areas where existing impervious is proposed to remain will be allowed to maintain existing drainage patterns.

### Standard 8:

 We have provided for Construction Period Pollution in accordance with the regulations. A formal Construction Period Pollution Prevention Plan will be submitted prior to construction.

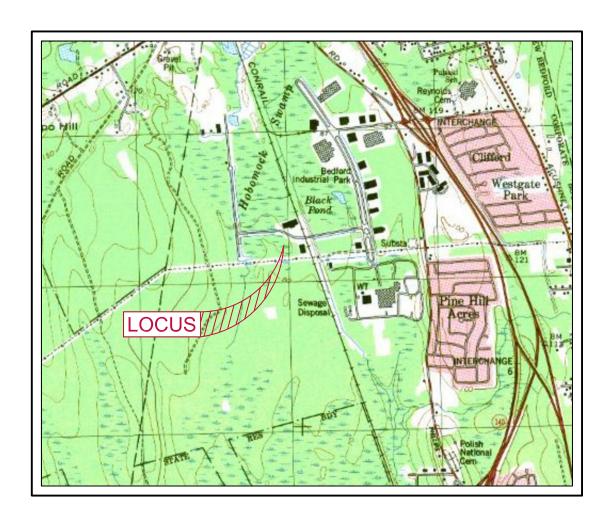
#### Standard 9:

 A long-term operation and maintenance plan has been prepared to ensure that stormwater management systems function as designed. (Exhibit E)

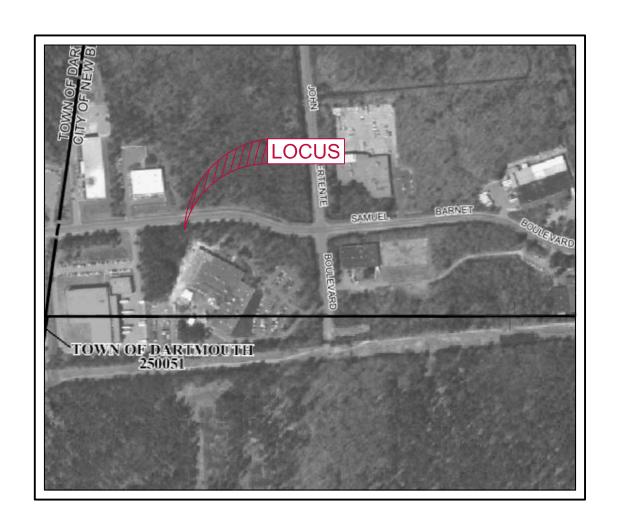
#### Standard 10:

 We are not proposing any illicit discharges as defined in the Stormwater Management Regulations. See attached letter in (Exhibit G)

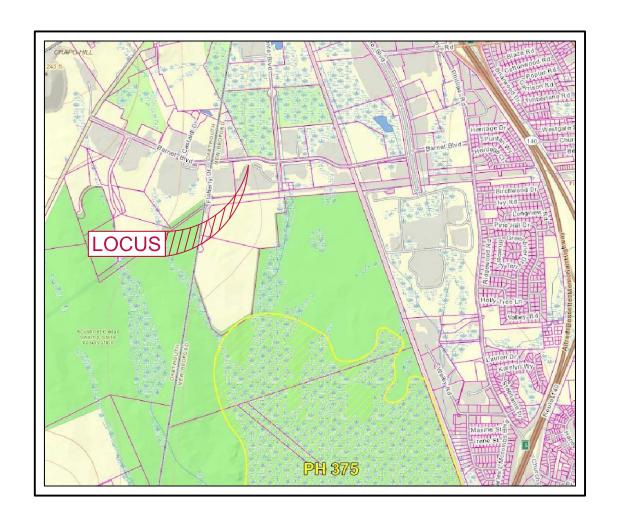
### TOPO! VERSION 2.1.0



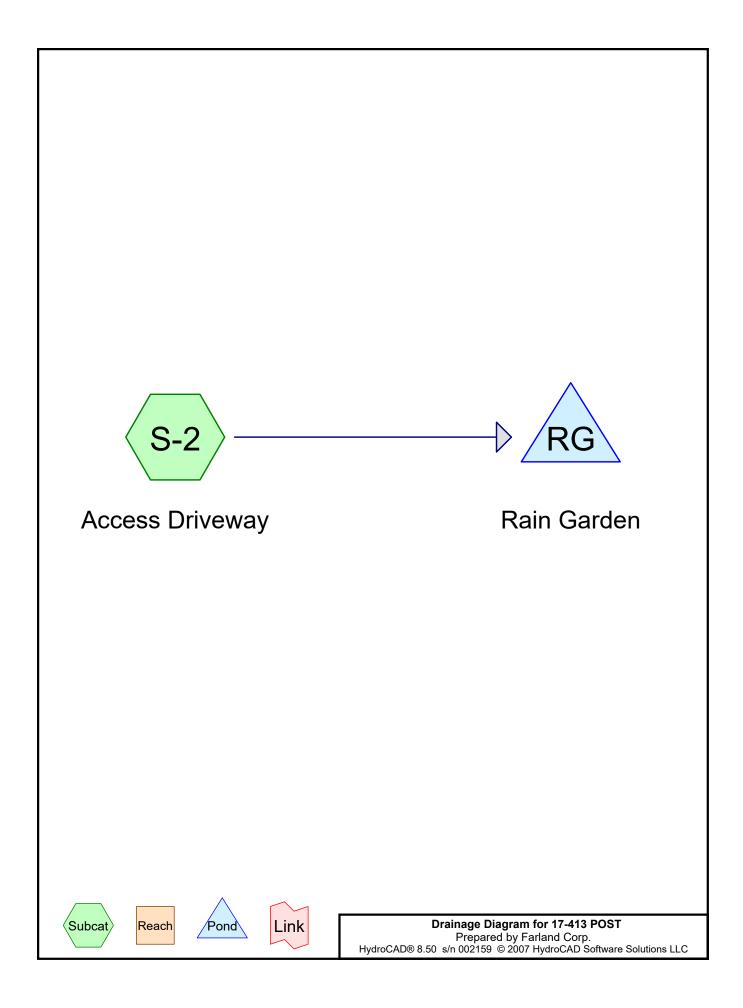
### FIRM MAP PANEL # 25005C0377F & 25005C0379F



# NHESP PRIORITY & ESTIMATED HABITAT MAP 2017



# HYDROLOGIC CALCULATIONS & WATERSHED PLANS



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Page 2

Time span=0.00-30.00 hrs, dt=0.05 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment S-2: Access Driveway Runoff Area=5,968 sf 100.00% Impervious Runoff Depth=3.17"

Tc=6.0 min CN=98 Runoff=0.44 cfs 0.036 af

Pond RG: Rain Garden Peak Elev=84.12' Storage=1,008 cf Inflow=0.44 cfs 0.036 af

Discarded=0.01 cfs 0.022 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.022 af

Total Runoff Area = 0.137 ac Runoff Volume = 0.036 af Average Runoff Depth = 3.17" 0.00% Pervious = 0.000 ac 100.00% Impervious = 0.137 ac

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### **Summary for Subcatchment S-2: Access Driveway**

Runoff = 0.44 cfs @ 12.09 hrs, Volume= 0.036 af, Depth= 3.17"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs Type III 24-hr 2-Year Rainfall=3.40"

A	rea (sf)	CN [	Description					
	5,968	98 F	98 Paved parking & roofs					
	5,968	I.	mpervious	Area				
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description			
6.0					Direct Entry, Min. Tc			

### **Summary for Pond RG: Rain Garden**

Inflow Area =	0.137 ac,100.00% Impervious, Inflow Depth = 3.17" for 2-Year event
Inflow =	0.44 cfs @ 12.09 hrs, Volume= 0.036 af
Outflow =	0.01 cfs @ 16.31 hrs, Volume= 0.022 af, Atten= 97%, Lag= 253.7 min
Discarded =	0.01 cfs @ 16.31 hrs, Volume= 0.022 af
Primary =	0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs Peak Elev= 84.12' @ 16.31 hrs Surf.Area= 1,863 sf Storage= 1,008 cf

Plug-Flow detention time= 443.4 min calculated for 0.022 af (60% of inflow) Center-of-Mass det. time= 335.3 min (1,090.4 - 755.1)

Volume	Invert	Avail.Sto	rage Storage	Description	
#1	83.50'	4,3	57 cf Custom	Stage Data (Pr	ismatic)Listed below (Recalc)
Elevation (fee		urf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	
83.	50	1,369	0	0	
84.0	00	1,760	782	782	
85.0	00	2,586	2,173	2,955	
85.	50	3,019	1,401	4,357	
Device	Routing	Invert	Outlet Devices	3	
#1	Discarded	83.50'	0.270 in/hr Ex	filtration over	Surface area
#2	Primary	85.50'	10.0' long x 4	I.0' breadth Bro	oad-Crested Rectangular Weir
	•		2.50 3.00 3.5	0 4.00 4.50 5.	0.80 1.00 1.20 1.40 1.60 1.80 2.00 .00 5.50 69 2.68 2.67 2.67 2.65 2.66 2.66

2.68 2.72 2.73 2.76 2.79 2.88 3.07 3.32

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**Discarded OutFlow** Max=0.01 cfs @ 16.31 hrs HW=84.12' (Free Discharge) **1=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=83.50' (Free Discharge) 2=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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Time span=0.00-30.00 hrs, dt=0.05 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment S-2: Access Driveway Runoff Area=5,968 sf 100.00% Impervious Runoff Depth=4.56"

Tc=6.0 min CN=98 Runoff=0.63 cfs 0.052 af

Pond RG: Rain Garden Peak Elev=84.41' Storage=1,563 cf Inflow=0.63 cfs 0.052 af

Discarded=0.01 cfs 0.025 af Primary=0.00 cfs 0.000 af Outflow=0.01 cfs 0.025 af

Total Runoff Area = 0.137 ac Runoff Volume = 0.052 af Average Runoff Depth = 4.56" 0.00% Pervious = 0.000 ac 100.00% Impervious = 0.137 ac HydroCAD® 8.50 s/n 002159 © 2007 HydroCAD Software Solutions LLC

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### **Summary for Subcatchment S-2: Access Driveway**

Runoff = 0.63 cfs @ 12.09 hrs, Volume= 0.052 af, Depth= 4.56"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs Type III 24-hr 10-Year Rainfall=4.80"

A	rea (sf)	CN [	Description					
	5,968	98 F	98 Paved parking & roofs					
	5,968	I.	mpervious	Area				
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description			
6.0					Direct Entry, Min. Tc			

### **Summary for Pond RG: Rain Garden**

Inflow Area =	0.137 ac,100.00% Impervious, Inflow De	epth = 4.56" for 10-Year event
Inflow =	0.63 cfs @ 12.09 hrs, Volume=	0.052 af
Outflow =	0.01 cfs @ 17.34 hrs, Volume=	0.025 af, Atten= 98%, Lag= 315.0 min
Discarded =	0.01 cfs @ 17.34 hrs, Volume=	0.025 af
Primary =	0.00 cfs @ 0.00 hrs, Volume=	0.000 af

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs Peak Elev= 84.41' @ 17.34 hrs Surf.Area= 2,095 sf Storage= 1,563 cf

Plug-Flow detention time= 457.6 min calculated for 0.025 af (48% of inflow) Center-of-Mass det. time= 323.5 min (1,072.2 - 748.7)

Volume	Invert	: Avail.Sto	rage Storage	Description	
#1	83.50	4,3	57 cf Custom	Stage Data (Pi	rismatic)Listed below (Recalc)
Elevatio		urf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)	
83.5	50	1,369	0	0	
84.0	00	1,760	782	782	
85.0	00	2,586	2,173	2,955	
85.5	50	3,019	1,401	4,357	
Device	Routing	Invert	Outlet Devices	S	
#1	Discarded	83.50'	0.270 in/hr Ex	xfiltration over	Surface area
#2 Primary 85.50'		10.0' long x	4.0' breadth Bro	oad-Crested Rectangular Weir	
	•		Head (feet) 0	.20 0.40 0.60	0.80 1.00 1.20 1.40 1.60 1.80 2.00
			2.50 3.00 3.5	50 4.00 4.50 5	5.00 5.50
			Coef. (English	n) 2.38 2.54 2.	69 2.68 2.67 2.67 2.65 2.66 2.66
			2.68 2.72 2.7	73 2.76 2.79 2	.88 3.07 3.32

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**Discarded OutFlow** Max=0.01 cfs @ 17.34 hrs HW=84.41' (Free Discharge) **1=Exfiltration** (Exfiltration Controls 0.01 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=83.50' (Free Discharge) 2=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

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Time span=0.00-30.00 hrs, dt=0.05 hrs, 601 points
Runoff by SCS TR-20 method, UH=SCS
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment S-2: Access Driveway Runoff Area=5,968 sf 100.00% Impervious Runoff Depth=6.76"

Tc=6.0 min CN=98 Runoff=0.92 cfs 0.077 af

Pond RG: Rain Garden

Peak Elev=84.81' Storage=2,479 cf Inflow=0.92 cfs 0.077 af

Discarded=0.02 cfs 0.029 af Primary=0.00 cfs 0.000 af Outflow=0.02 cfs 0.029 af

5.550 at 6.52 dis 6.525 di 1 miliary 6.56 dis 6.500 di 6 dillow 6.52 dis 6.525 di

Total Runoff Area = 0.137 ac Runoff Volume = 0.077 af Average Runoff Depth = 6.76" 0.00% Pervious = 0.000 ac 100.00% Impervious = 0.137 ac

Volume

Invert

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### **Summary for Subcatchment S-2: Access Driveway**

Runoff = 0.92 cfs @ 12.09 hrs, Volume= 0.077 af, Depth= 6.76"

Runoff by SCS TR-20 method, UH=SCS, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs Type III 24-hr 100-Year Rainfall=7.00"

A	rea (sf)	CN [	N Description					
	5,968	98 F	Paved park	ing & roofs				
	5,968	Impervious Area						
Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description			
6.0					Direct Entry, Min. Tc			

### **Summary for Pond RG: Rain Garden**

Inflow Area =	0.137 ac,100.00% Impervious, Inflow Depth = 6.76" for 100-Year event
Inflow =	0.92 cfs @ 12.09 hrs, Volume= 0.077 af
Outflow =	0.02 cfs @ 18.28 hrs, Volume= 0.029 af, Atten= 98%, Lag= 371.8 min
Discarded =	0.02 cfs @ 18.28 hrs, Volume= 0.029 af
Primary =	0.00 cfs @ 0.00 hrs, Volume= 0.000 af

Routing by Stor-Ind method, Time Span= 0.00-30.00 hrs, dt= 0.05 hrs Peak Elev= 84.81' @ 18.28 hrs Surf.Area= 2,429 sf Storage= 2,479 cf

Plug-Flow detention time= 488.1 min calculated for 0.029 af (38% of inflow) Center-of-Mass det. time= 319.3 min (1,062.3 - 743.0)

Avail Storage Storage Description

VOIGITIC	IIIVEIL	Avaii.0to	rage Clorage	Description			
#1	83.50'	4,3	57 cf Custom	Stage Data (Pr	rismatic)Listed below (Recalc)		
Elevation		urf.Area	Inc.Store	Cum.Store			
(fee	et)	(sq-ft)	(cubic-feet)	(cubic-feet)			
83.50		1,369	0	0			
84.00		1,760	782	782			
85.00		2,586	2,173	2,955			
85.	50	3,019	1,401	4,357			
Device Routing		Invert	Outlet Devices	<b>3</b>			
#1	Discarded	83.50'	0.270 in/hr Ex	filtration over	Surface area		
#2	Primary 85.50'		10.0' long x 4.0' breadth Broad-Crested Rectangular Weir				
·		Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00					
			2.50 3.00 3.50 4.00 4.50 5.00 5.50				
			Coef. (English	) 2.38 2.54 2.	69 2.68 2.67 2.67 2.65 2.66 2.66		
			2.68 2.72 2.7	3 2.76 2.79 2	.88 3.07 3.32		

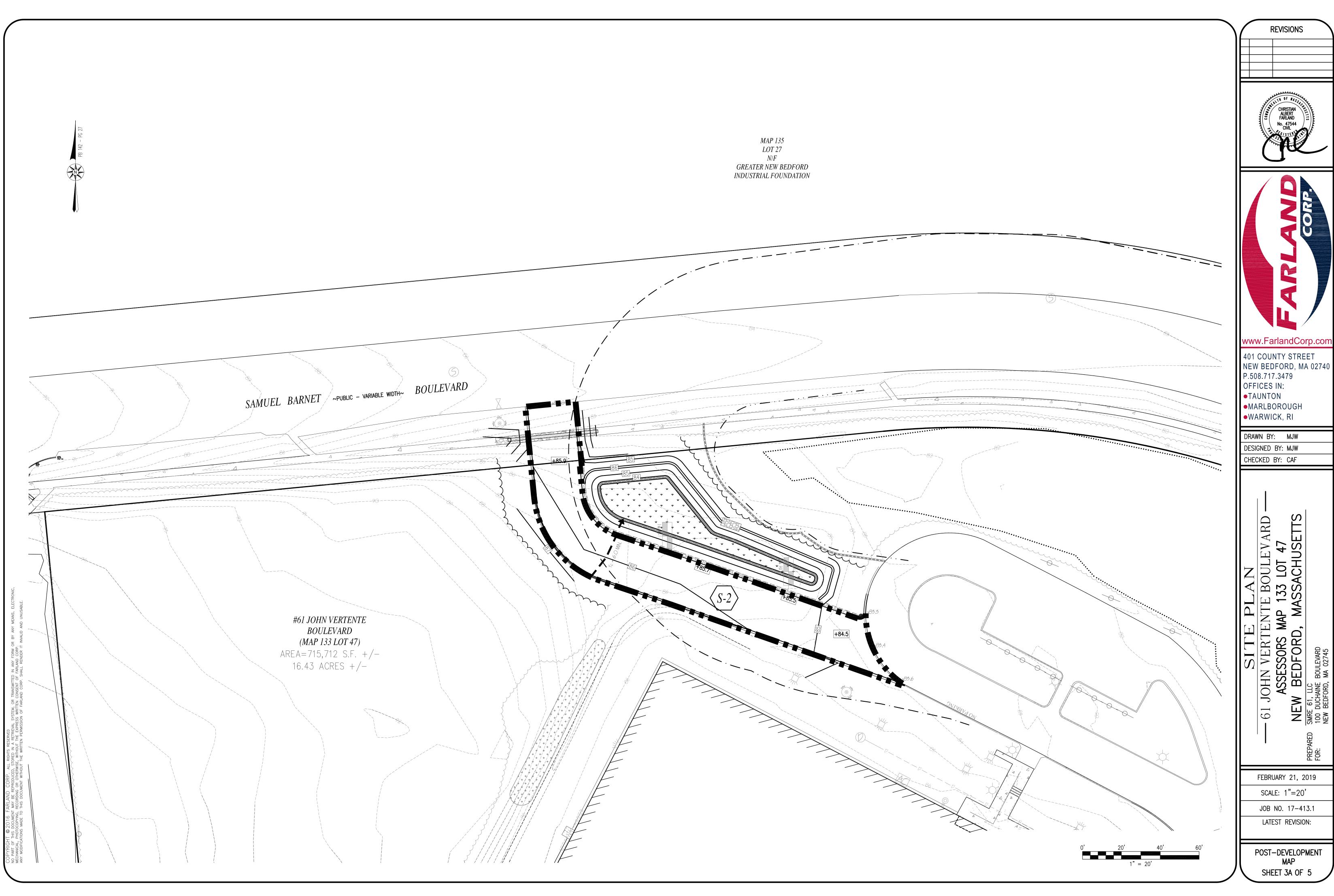
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**Discarded OutFlow** Max=0.02 cfs @ 18.28 hrs HW=84.81' (Free Discharge) **1=Exfiltration** (Exfiltration Controls 0.02 cfs)

Primary OutFlow Max=0.00 cfs @ 0.00 hrs HW=83.50' (Free Discharge) 2=Broad-Crested Rectangular Weir (Controls 0.00 cfs)





# LONG TERM OPERATION & MAINTENANCE PLAN



# Long Term Operation and Maintenance Plan

# Site Plan 61 John Vertente Boulevard New Bedford, MA 02745

Date: February 22, 2018

# **Record Owner:**

Assessor's Map 133 Lot 47: SMRE 61, LLC 100 Duchaine Boulevard New Bedford, MA 02745

# **Prepared For:**

Tim Cusson SMRE 61, LLC 100 Duchaine Boulevard New Bedford, MA 02745

# **Prepared By:**

Christian Farland, P.E. Farland Corp. 401 County Street New Bedford, MA 02740 The Operator, Owner, and Party Responsible for Operation and Maintenance of the Stormwater BMP's will be the landowner of the property on which the BMP is located. The responsible party shall:

- a) Maintain an operation and maintenance log for at least three years, including inspections, repairs, replacement and disposal (for disposal, the log shall indicate the type of material and disposal location);
- b) Make this log available to MassDEP and the Conservation Commission upon request during normal business hours; and
- c) Allow members and agents of the MassDEP and the Conservation Commission to enter and inspect the premises to evaluate and ensure that the responsible party complies with the Operation and Maintenance Plan requirements for each BMP.

# **Street Sweeping**

It shall be the responsibility of the owner to:

Inspections:

Inspect sediment deposit accumulations on the parking lots quarterly.

### Maintenance:

Sweep parking lots at least annually, during March or April before spring rains wash residual sand from winter applications into stormwater systems.

Dispose of the accumulated sediment and hydrocarbons in accordance with local, state, and federal guidelines and regulations.

# **Stone/ Rip Rap Areas**

The rip rap areas are to be inspected and maintained by the owner.

It shall be the responsibility of the owner to:

Inspections:

Inspect the rip rapped areas quarterly.

## Maintenance:

Remove accumulated sediment, trash, leaves and debris at least annually. Check for signs of erosion and repair as need. Replace any damaged areas with new rip rap of the same size.

Dispose of the accumulated sediment and hydrocarbons in accordance with local, state, and federal guidelines and regulations.

# **Rain Garden and Grass Slopes**

The rain garden is to be inspected and maintained by the owner.

It shall be the responsibility of the owner to:

# Inspections:

Inspect to basins quarterly and after major storms (>3.2" of rain in 24 hours)

Inspect basins for settlement, subsidence, erosion, cracking or tree growth on the embankment, condition of stone; sediment accumulation around the outlet or within the basin; and erosion within the basin and banks.

Inspect outlet control riprap for evidence of clogging, sediment deposits or signs of erosion around the stone.

Ensure that the basins are operating as designed. If inspection shows that a basin fails to fully drain within 72 hours following a storm event, then the responsible party shall retain a Registered Professional Civil Engineer licensed in the state of Massachusetts to assess the reason for infiltration/detention failure and recommend corrective action for restoring the intended functions.

### Maintenance:

When mowing the basin, mow the buffer area and side slopes. Remove grass clippings and accumulated debris. Mow three times per year in May, July and September.

Remove accumulated trash, leaves, debris in basin and filter strip areas every month between April and November of each year. Inspect areas in February of each year, if possible, to determine whether the aforementioned services are required.

If the basin is ponding in areas or not functioning as designed, use deep tilling to break up clogged surfaces, and re-vegetate immediately.

Do not store snow in basin area.

Remove sediment from the basin as necessary and at least once every 5 years but wait until the floor of the basin is thoroughly dry. After removing sediment, replace any vegetation damaged during clean-out by either reseeding or re-sodding.

Dispose of the accumulated sediment and hydrocarbons in accordance with local, state, and federal guidelines and regulations.

# **Drain Lines**

After construction, the drain lines shall be inspected after every major storm for the first few months to ensure proper functions. Presence of accumulated sand and silt would indicate more frequent maintenance of the pre-treatment devices is required. Thereafter, the drain lines shall be inspected at least once per year. Accumulated silt shall be removed by a vactor truck or other method preferred.

# **Access Ways & Parking Areas**

Inspections:

Inspect Daily Clear any debris daily

Sweep bi-annually

Repair cracks and potholes as needed

Maintain painted lines as necessary for visibility

# Landscaping

Inspections:

Inspect weekly
Remove debris and litter as necessary
Prune and fertilize bi-annually
Mow lawn as necessary
Fertilize quarterly

# LONG TERM POLLUTION PREVENTION PLAN



# **Long Term Pollution Prevention Plan**

# Site Plan 61 John Vertente Boulevard New Bedford, MA 02745

# **Record Owner:**

Assessor's Map 133 Lot 47: SMRE 61, LLC 100 Duchaine Boulevard New Bedford, MA 02745

# **Prepared For:**

Tim Cusson SMRE 61, LLC 100 Duchaine Boulevard New Bedford, MA 02745

# **Prepared By:**

Christian Farland, P.E. Farland Corp. 401 County Street New Bedford, MA 02740

# **Long Term Pollution Prevention Plan**

This Long Term Pollution Prevention Plan serves to outline good housekeeping practices in order to prevent pollution of the wetland resource areas and surrounding environment. The Long Term Operation & Maintenance Plan shall be taken as part of this document as it is a critical part of this plan and shall be adhered to. Proper operation and maintenance records shall be kept on file at all times.

Snow disposal shall be carried out by the owner. The owner should follow DEP guideline #BWR G2015-01 for all snow removal requirements. For this site, it is anticipated that snow will be plowed from the impervious parking and driveway areas and piled along the shoulders of the driveway and parking areas. Snow along the building is anticipated to be removed by shovel or snow blower.

Snow disposal in the following areas are prohibited:

- Dumping snow in the bordering vegetated wetlands is prohibited.
- Dumping of snow on top of storm drain catch basins, grassed swale, or in stormwater drainage basin is prohibited. Snow combined with sand and debris may block a storm drainage system, causing localized flooding. A high volume of sand, sediment, and litter released from melting snow also may be quickly transported through the system into surface water.

Illicit discharges to the stormwater management system are prohibited. Illicit discharges are those that are not entirely comprised of stormwater. Notwithstanding the foregoing, an illicit discharge does not include discharges from the following activities or facilities; firefighting, water line flushing, landscape irrigation, uncontaminated groundwater, potable water sources, foundation drains, air conditioning condensation, footing drains, individual residence car washing, flows from riparian habitats and wetlands, dechlorinated water from swimming pools, water used for street washing, and water used to clean residential buildings without detergents. Measures are provided below to prevent illicit discharges to the stormwater management system.

In order to prevent or minimize the potential for a spill of hazardous substances or oils to contaminate stormwater, a spill control and containment kit, including spill berm, absorbent materials, rags, gloves, and trash containers, shall be readily available. All product manufacturers recommended spill cleanup methods shall be known by maintenance personnel, who shall be trained regarding these procedures and the location of the cleanup procedure information and supplies. In the event of oil, gasoline or other hazardous waste spill on-site, the New Bedford Fire Department, DEP and the Conservation Agent shall be notified immediately. For spills of less than ¼ gallon, cleanup with absorbent materials or other appropriate means, unless circumstances dictate that the spill should be treated by a professional emergency response contractor. Spills which exceed the reportable quantities of substances mentioned in 40 CFR 110, 40 CFR 117, or 40 CFG 302 must be immediately reported to the EPA National Response Center (800) 242-8802. Any drainage inlet that may be affected by the spill shall be

covered immediately with a spill protector drain cover or similar product, or a spill berm placed around the perimeter of the opening to prevent any contamination into the drainage system. Proper cleanup and disposal of hazardous wastes must follow all applicable local and state regulations and must be carried out by a qualified contractor.

The maintenance of all lawns, gardens and landscaped areas shall be performed by the owner. Good housekeeping practices should include proper storage and minimal use of cleaning products and fertilizers. Facility owner should consult with a professional landscaper for proper maintenance of lawns and landscaped areas.

# ILLICIT DISCHARGE STATEMENT



ENGINEERING | SITE WORK | LAND SURVEYING

February 22, 2018

New Bedford Conservation Commission City Hall, Room 304 133 William Street New Bedford, MA 02740

RE: Illicit Discharge Compliance Statement (IDCS)
Site Plan – 61 John Vertente Boulevard

Dear members of the Commission,

As required, we are submitting this Illicit Discharge Compliance Statement verifying that no illicit discharges exist on the site or are proposed. We have included in the pollution prevention plan measures to prevent illicit discharges to the stormwater management system, including wastewater discharges and discharges of stormwater contaminated by contact with process wastes, raw materials, toxic pollutants, hazardous substances, oil, or grease.

The site plan identifies the location of any systems for conveying wastewater and/or groundwater on the site and show that there are no connections between the stormwater and wastewater management systems and the location of any measures taken to prevent the entry of illicit discharges into the stormwater management system.

Please feel free to contact us if you should need any further information.

Very Truly Yours,

FARLAND CORP.

Christian A. Farland, P.E., LEED AP

Christian A. Farland

**Principal Engineer and Vice President** 



# City of New Bedford REQUEST for a CERTIFIED ABUTTERS LIST

This information is needed so that an official abutters list as required by MA General Law may be created and used in notifying abutters. You, as applicant, are responsible for picking up and paying for the certified abutters list from the assessor's office (city hall, room #109).

SUB	JECT I	PROPERT	ГҮ	OF BUILD			
MAI	P #	133			LOT(S)#	47	
ADD	DRESS:				L		
61 .	John	Verten	te Boulevar	d			
ow	NER II	NFORM <i>A</i>	ATION				
NAN	ME: S	ymmet	ry New Bed	ford Rea	al Estate,	LLC	
MAI	ILING	ADDRESS	S:				
61	John	Verten	ite Boulevar	d - New	Bedford	, MA 02745	
APP	PLICAN	IT/CONT	ACT PERSON	INFORM <i>A</i>	ATION	<b>以外的</b> 其他有关的数据。	
NAN	ME (IF	DIFFERE	NT):				
Mat	tthew	J. Whi	te, Farland	Corp.			
MAI	ILING	ADDRESS	S (IF DIFFEREN	T):			
401	Cou	nty Stre	eet - New B	edford, I	MA 0274	0	
TELE	TELEPHONE #		(508) 717-3479				
EMA	EMAIL ADDRESS:		mwhite@fa	arlandco	rp.com		
REA	SON F	OR THIS	REQUEST: C	heck appi	ropriate		
	ZONING BOARD OF APPEALS APPLICATION						
1	PLANNING BOARD APPLICATION						
	CONSERVATION COMMISSION APPLICATION						
	LICENSING BOARD APPLICATION						
	OTHER (Please explain):						

Once obtained, the Certified List of Abutters must be attached to this Certification Letter.

Submit this form to the Planning Division Room 303 in City Hall, 133 William Street. You, as applicant, are responsible for picking up and paying for the certified abutters list from the assessor's office (city hall, room #109).

Official Use Only:		

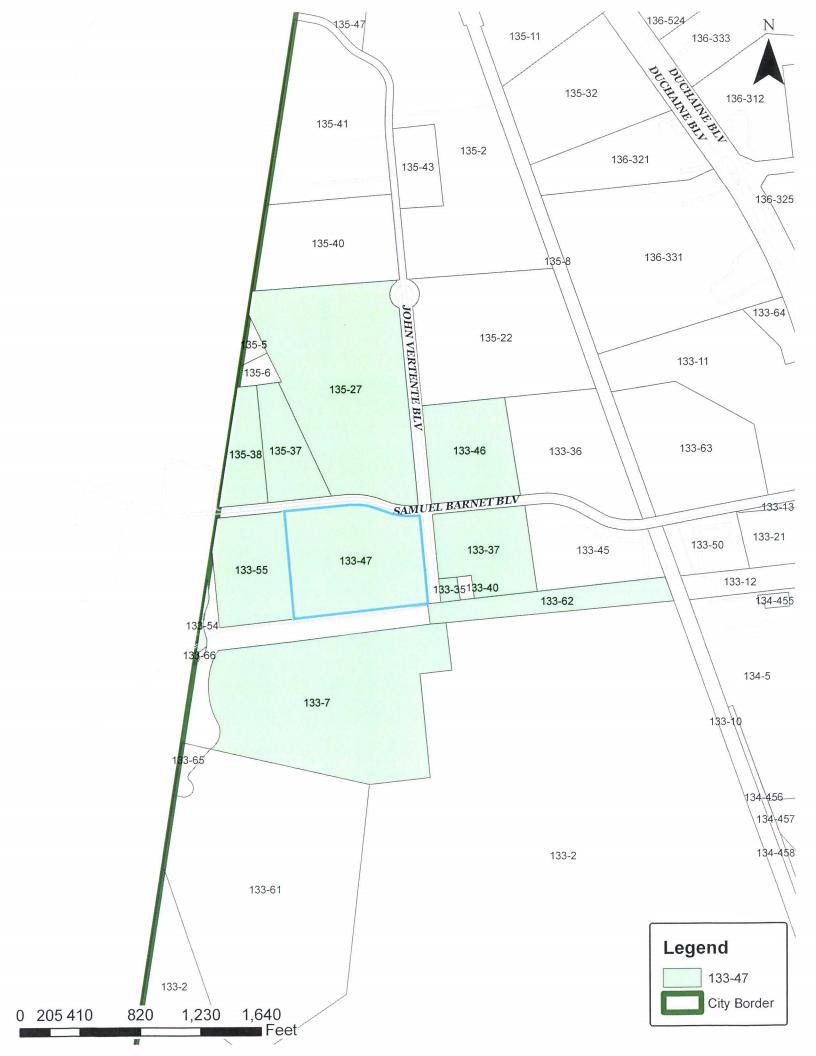
	w Bedford's Board of Assessors, I do hereby certify is abutters list" are duly recorded and appear on the r	
Carlos Amado	abutters list" are duly recorded and appear on the r	7/0/2017
Printed Name	Signature	Date

July 6, 2017 Dear Applicant,

Please find below the List of Abutters within 300 feet of the property known as <u>61 John Vertente Blvd (133-47)</u>. The current ownership listed herein must be checked and verified by the City of New Bedford Assessor's Office. Following said verification, the list shall be considered a Certified List of Abutters.

Please note that multiple listed properties with identical owner name and mailing address shall be considered duplicates, and shall require only 1 mailing. Additionally, City of New Bedford-Owned properties shall not require mailed notice.

Parcel	Location	Owner and Mailing Address
135-38	181 SAMUEL	SAMUEL BARNET BOULEVARD CORP,
	BARNETT BLVD	P O BOX 51593
		NEW BEDFORD, MA 02745
133-7	960 FLAHERTY	AFC CABLE SYSTEMS INC,
	DR	260 DUCHAINE BOULEVARD
		NEW BEDFORD, MA 02745
135-37	163 SAMUEL	ZENITH VENTURES LLC,
	BARNETT BLVD	163 SAMUEL BARNETT BLVD
		NEW BEDFORD, MA 02745
133-54 < \$	JOHN	ACUSHNET COMPANY, C/O SUE BRENNER
	VERTENTE	P O BOX 965
	BLVD	FAIRHAVEN, MA 02719-0965
133-62	SAMUEL	GNBIF/POLAROID LLC, C/O CORPORATE REAL ESTATE
5>	BARNETT BLVD	227 UNION STREET 1213 Purchase St.
		NEW BEDFORD, MA 02740
133-35	RAILROAD	CITY OF NEW BEDFORD, INTERCEPTING SEWER
WS		131 WILLIAM ST
		NEW BEDFORD, MA 02740
133-55	214 SAMUEL	LONE OAK - NEW BEDFORD, LLC, C/O REYES HOLDINGS, LLC
	BARNETT BLVD	6250 NORTH RIVER ROAD
		ROSEMONT, IL 60018
133-37	64 JOHN	H & M DARTMOUTH REALTY LLC,
	VERTENTE	861 PINE HILL DRIVE
	BLVD	NEW BEDFORD, MA 02745
133-47	61 JOHN	SYMMETRY NEW BEDFORD REAL ESTATE LLC,
	VERTENTE	61 JOHN VERTENTE BLVD
	BLVD	NEW BEDFORD, MA 02745-1202
135-27	JOHN	GREATER NEW BEDFORD, INDUSTRIAL FOUNDATION
WS	VERTENTE	227 UNION STREET RM 607 1213 Purchase St. Unit 2
	BLVD	NEW BEDFORD, MA 02740
133-46	125 SAMUEL	POYANT REALTY LLC,
	BARNETT BLVD	125 SAMUEL BARNET BLVD
		NEW BEDFORD, MA 02745



July 6, 2017 Dear Applicant,

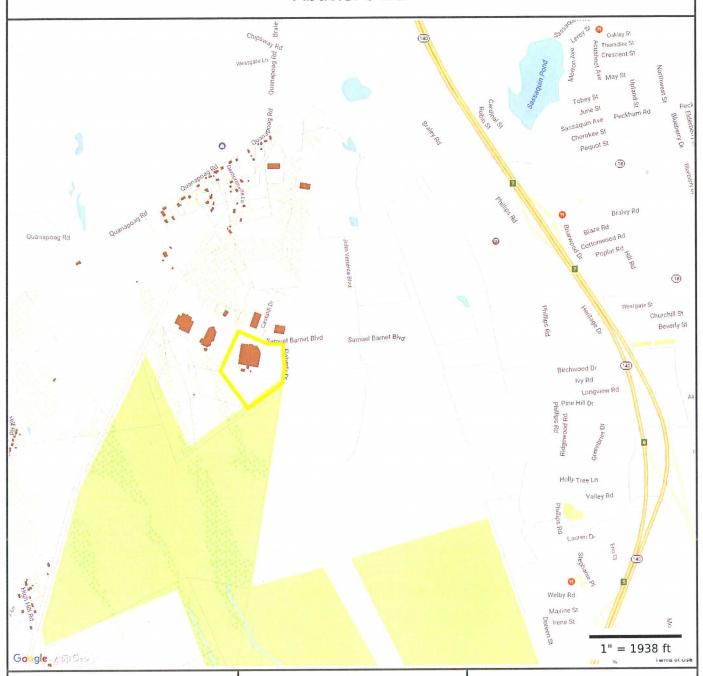
Please find below the List of Abutters within 300 feet of the property known as Rosa 61 John Vertente Boulevard (133-47). The current ownership listed herein must be checked and verified by the Town of Acushnet Assessor's Office. Following said verification, the list shall be considered a Certified List of Abutters.

Please note that multiple listed properties with identical owner name and mailing address shall be considered duplicates, and shall require only 1 mailing. Additionally, City of New Bedford-Owned properties shall not require mailed notice.

Parcel	Location	Owner and Mailing Address
84-8-3	256 Samuel	ACUSHNET COMPANY
	Barnet Blvd	333 BRIDGE ST- PO BOX 965
		FAIRHAVEN, MA 02719-0965

Official Use Only:		生品位置。在企业的特殊的一种的设施的			
As Administrative Assistant to the Town of Dartmouth Assessors, I do hereby certify that the names and addre identified on the attached "abutters list" are duly recorded and appear on the most recent tax.					
Printed Name	Signature	Date			

# Abutter's List



# **Property Information**

Property 84\_8\_3

Location256 SAMUEL BARNET BLVDOwnerACUSHNET COMPANY



# MAP FOR REFERENCE ONLY NOT A LEGAL DOCUMENT

Town of Dartmouth, MA makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Parcels updated 1/1/2013 Properties updated 1/1/2013

# Notification to Abutters Under the Massachusetts Wetlands Protection Act

In accordance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, you are hereby notified of the following:

- The name of the applicant is <u>Tim Cusson of SMRE 61, LLC.</u>
- B. The applicant has filed a Notice of Intent with the Conservation Commission for the municipality of <a href="New Bedford">New Bedford</a> seeking permission to remove, fill, dredge or alter an area subject to protection under the Wetlands Protection Act (General Laws Chapter 131, Section 40).
- C. The address of the lot where the activity is proposed is <u>61 John Vertente Blvd.</u> (Map 133 Lot 47).
- D. Copies of the Notice of Intent may be examined at the <u>New Bedford</u> Conservation Commission office at 133 William Street between the hours of 8am-4pm.
- E. Copies of the Notice of Intent may also be obtained from the applicant's representative FOR A REASONABLE FEE by calling: <u>Farland Corp.</u> at <u>(508) 717-3479</u> between the hours of <u>8:00 am</u> and <u>4:00 pm</u> on <u>Monday Friday</u>.
- F. Information regarding the date, time and place of the public hearing may be obtained from the <a href="New Bedford">New Bedford</a> CONSERVATION COMMISSION by calling: (508) 979-1400.

NOTE: Notice of the public hearing, including its date, time, and place, will be published at least five (5) days in advance in a publication with general circulation in the Community.

NOTE: Notice of the public hearing, including its date, time, and place, will be posted in the City or Town Hall not less than forty-eight (48) hours in advance.

NOTE: You also may contact the nearest Department of Environmental Protection Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call: (508) 946-2700

# **Under the Massachusetts Wetlands Protection Act**

(to be submitted to the Massachusetts Department of Environmental Protection and the Conservation Commission when filing a Notice of Intent)

I, <u>Christian Farland</u> hereby certify under the pains and penalties of perjury that on <u>February 22, 2018</u>, I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

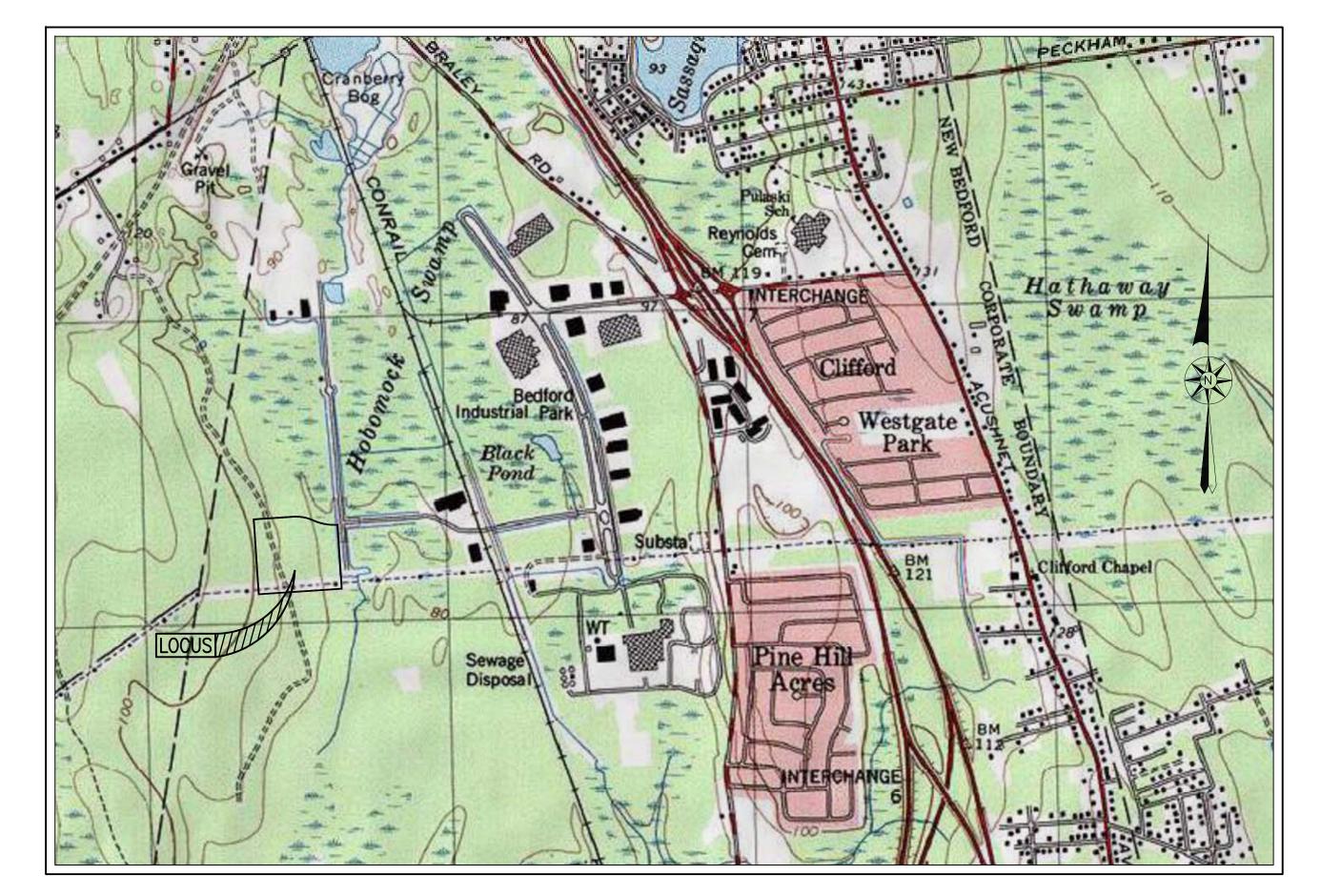
A Notice of Intent filed under the Massachusetts Wetlands
Protection Act by <u>SMRE 61, LLC</u> with the <u>New Bedford</u>
Conservation Commission on <u>February 22, 2018</u> for property located at <u>Assessor's Plot 133, Lot 47 (61 John Vetente Boulevard)</u>.

The form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.

Name  $\frac{Z-ZZ-18}{Date}$ 

# **SITE PLAN**

# SITE PLAN 61 JOHN VERTENTE BOULEVARD ASSESSORS MAP #133 LOT #47 NEW BEDFORD, MASSACHUSETTS



	<b>DISTRICT:</b>	INDUSTRIAI	_ C			
DESCRIPTION		<u>REQUI</u>	<u>RED</u>	EXISTING	<u>PROVIDED</u>	
LOT AREA		0	S.F.	16,43 AC	16.43 AC	
UPLAND AREA		0	S.F.	13.5± AC	13.5± AC	
UPLAND AREA PERCENTAGE		0	%	82,2± %	82.2± %	
LOT FRONTAGE		0	FT	1478,82 FT	1478.82 FT	
FRONT SETBACK		*25	FT	107,3 FT	107.3 FT	
SIDE SETBACK		*25	FT	203,3 FT	203.3 FT	
REAR SETBACK		*25	FT	241,3 FT	241.3 FT	
BUILDING HEIGHT (MAXIMUM)		100	FT	24.7± FT	24.7± FT	
BUILDING COVERAGE (MAXIMUM)		**50	%	11.7 %	11.7 %	
LOT COVERAGE (MAXIMUM)		***80	%	33 <u>,</u> 6 %	36.4 %	
*PER GNBIF REGULATIONS, SETBACKS OF FIFTY (50) FEET FROM ANY STREET OR LOT LINE ARE REQUIRED						
**PPER CNRIE RECI II ATIONS FIRST FLOOR RUIII DINC COVERACE SHALL NOT FYCEED 40% OF THE PREMISES						

\*\*PER GNBIF REGULATIONS, LOT COVERAGE SHALL NOT COVER MORE THAN 65% OF THE PREMISES

- ZONING DATA -

——AREA MAP——
SCALE: 1"=1,000'±

RECORD OWNER:
ASSESSORS MAP 133 LOT 47
SMRE 61, LLC
100 DUCHAINE BOULEVARD
NEW BEDFORD, MA 02745

DEED BOOK 12559 PAGE 127

- IN D E X - SHEET DESCRIPTION

1 COVER

5 5 4 5 T 1 1 5

2 EXISTING CONDITIONS

LAYOUT & GRADING

4 DETAILS

NOTES & LEGEND

3

COVER SHEET

SHEET 1 OF 5

FEBRUARY 21, 2019

SCALE: AS NOTED

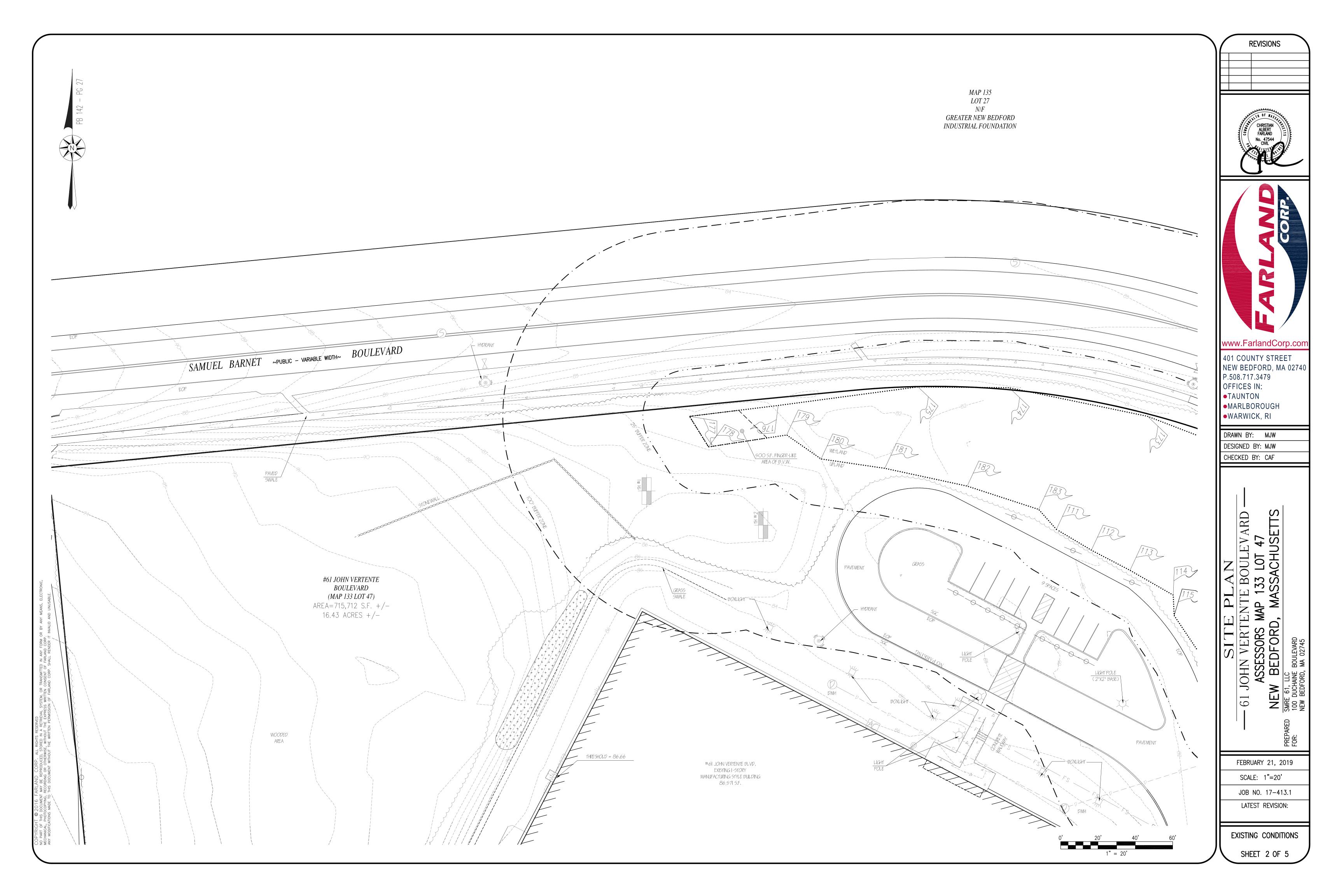
JOB NO. 17-413.1

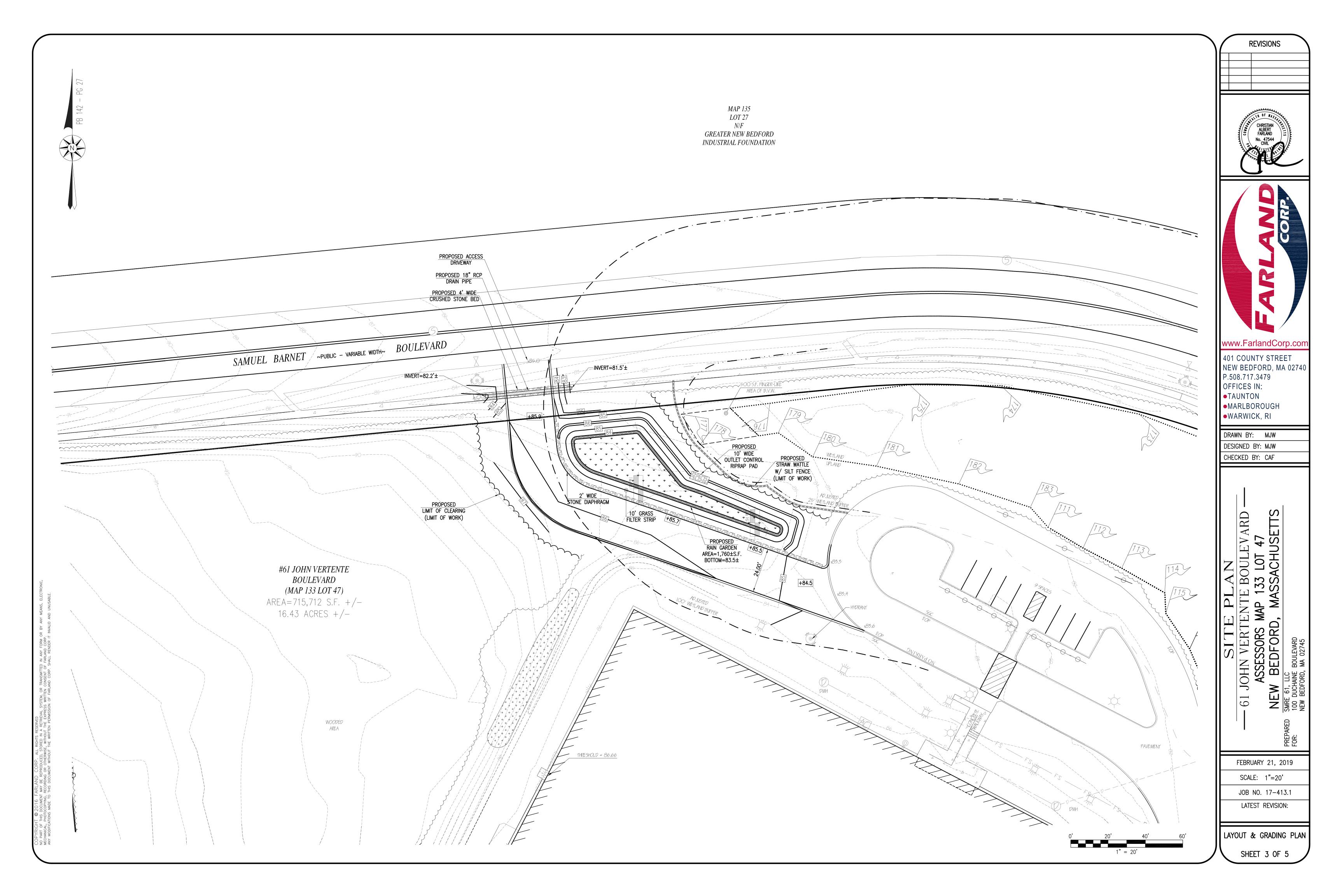
LATEST REVISION:

CHECKED BY: CAF

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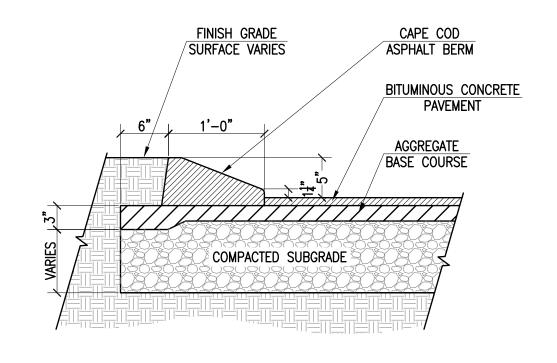
ANY MODIFICATIONS MADE TO THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF FARLAND CORP. SHALL RENDER IT INVALID AND UNUSABLE.





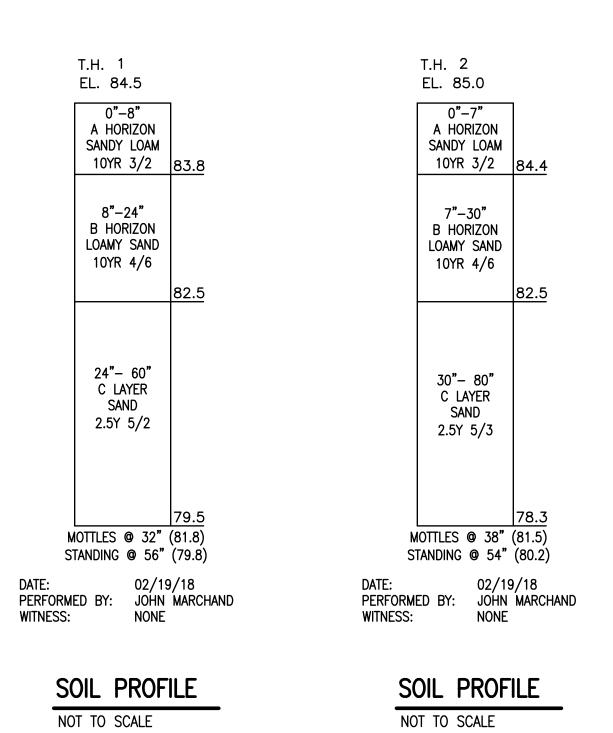
# BITUMINOUS CONCRETE PAVEMENT

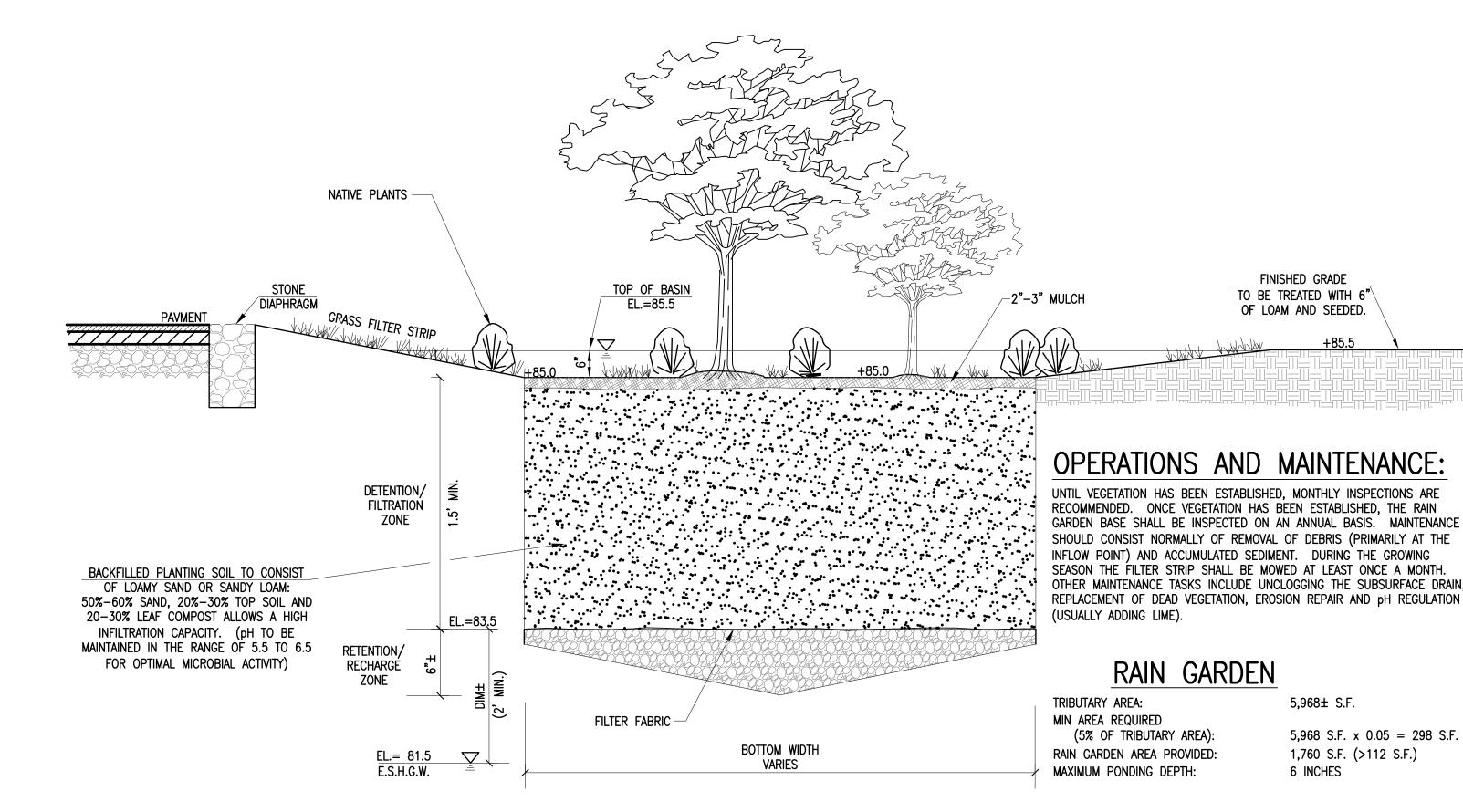
NOT TO SCALE



# BITUMINIOUS CONCRETE CAPE COD BERM

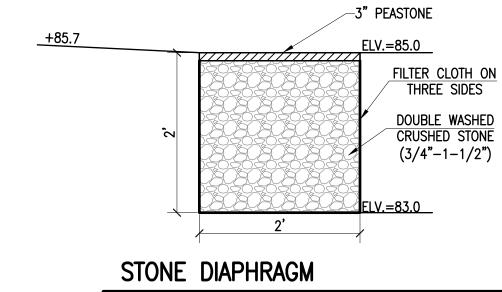
NOT TO SCALE





# RAIN GARDEN (PROFILE)

NOT TO SCALE



FINISHED GRADE

TO BE TREATED WITH 6"

OF LOAM AND SEEDED.

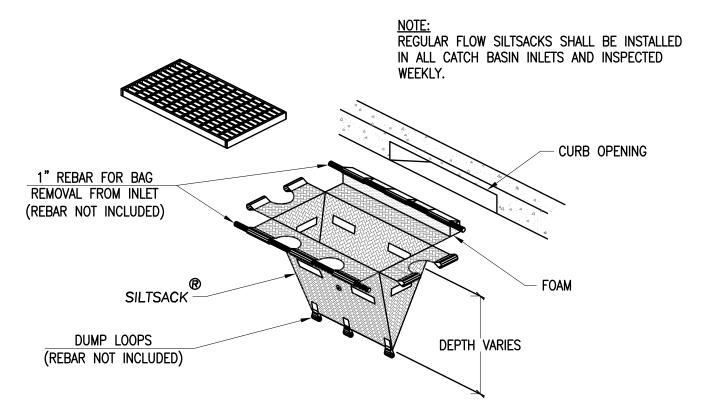
5,968± S.F.

6 INCHES

5,968 S.F.  $\times$  0.05 = 298 S.F.

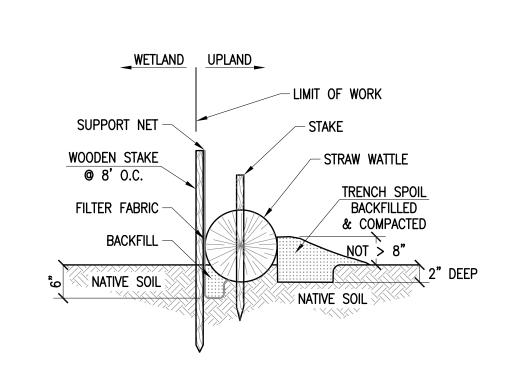
1,760 S.F. (>112 S.F.)

NOT TO SCALE



REGULAR FLOW SILTSACK®

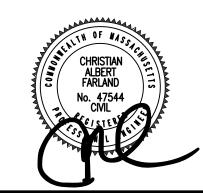
NOT TO SCALE



STAKED STRAW WATTLE WITH SILT FENCE

NOT TO SCALE

**REVISIONS** 





**401 COUNTY STREET** NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON •MARLBOROUGH WARWICK, RI

DRAWN BY: MJW DESIGNED BY: MJW CHECKED BY: CAF

PLAN
NTE BOULEVARD AP 133 LOT 47
MASSACHUSETTS SITE PI
JOHN VERTENTI
ASSESSORS MAP
W BEDFORD, MA

61

SMRE 100 NEW

FEBRUARY 21, 2019 SCALE: AS NOTED

JOB NO. 17-413.1 LATEST REVISION:

DETAIL SHEET

SHEET 4 OF 5

# **GENERAL CONSTRUCTION NOTES**

THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIG SAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH
- PROPERTY LINE INFORMATION TAKEN FROM: PLAN ENTITLED: ""APPROVAL NOT REQUIRED PLAN" IN NEW BEDFORD, MASSACHUSETTS DRAWN FOR JOHNSON & JOHSON PROFESSIONAL, INC." DATED JANUARY 18, 1999 BY EARLE O.
- TOPOGRAPHIC SURVEY PERFORMED BY FARLAND CORP. IN JULY & AUGUST 2017.
- 4. WETLAND DELINEATION FROM PLAN ENTITLED "MANUFACTURING AND OFFICE ADDITION, DEPUY ORTHOPEDICS, INC, 61 7.
- JOHN VERTENTE BOULEVARD" (SHEET C2) DATED 10/08/04 BY PLANNERS DESIGNERS ARCHITECTS, INC. 5. VERTICAL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988 AND HORIZONTAL
- LOCATIONS REFER TO THE NORTH AMERICAN DATUM (NAD) OF 1983. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL STANDARDS AND
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH
- MARKS NECESSARY FOR THE WORK. WHERE PROPOSED PAVEMENT AND WALKS ARE TO MEET EXISTING, THE CONTRACTOR SHALL SAWCUT A NEAT LINE AND MATCH GRADE. SEAL ALL JOINTS WITH HOT BITUMINOUS ASPHALT JOINT SEALER.
- CURBING TO BE AS INDICATED ON THE PLANS. 10. ALL EXISTING TREES, SHRUBS AND GROUND COVER WHERE NATURAL GRADE IS TO BE RETAINED SHALL BE KEPT IN
- THEIR EXISTING STATE UNLESS REMOVAL IS REQUIRED FOR CONSTRUCTION PURPOSES. THE NUMBER OF REMOVED TREES SIX CALIPER OR LARGER SHALL BE MINIMIZED.
- 11. ALL AREAS DISTURBED BY CONSTRUCTION AND NOT TO BE PAVED OR OTHERWISE TREATED AS NOTED ON PLAN SHALL BE TREATED WITH 4" OF LOAM, SEEDED AND HAY MULCHED FOR EROSION CONTROL
- 12. SITE IMPROVEMENTS SHALL CONFORM TO A.D.A. SPECIFICATIONS
- 13. LIGHTING SHALL BE DIRECTED ON SITE AND AWAY FROM TRAFFIC INTERFERENCE.
- 14. THE CONTRACTOR SHALL PROTECT AND/OR CAP OFF ALL EXISTING ON-SITE UTILITY SERVICES ACCORDING TO THE LOCAL AUTHORITY'S SPECIFICATIONS. SERVICES SHALL BE CAPPED OFF WHERE SAME ENTER THE PERIMETER OF THE PROPERTY LINE.
- 15. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
- 16. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION.
- 17. THESE PLANS ARE PERMITTING PLANS AND SHALL NOT TO BE USED FOR CONSTRUCTION. A FINAL SET OF STAMPED PLANS FOR CONSTRUCTION WILL BE ISSUED AFTER RECEIVING FINAL APPROVAL FROM THE LOCAL AND/OR
- 18. ANY MINOR MODIFICATIONS (AS DETERMINIED BY THE CITY PLANNER) TO THE INFORMATION SHOWN ON THE APPROVED SITE PLANS SHALL BE SUBMITTED TO THE CITY PLANNER AS A MINOR PLAN REVISION FOR APPROVAL PRIOR TO WORK BEING PERFORMED.
- 19. ANY WORK AND MATERIAL WITHIN THE CITY RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF NEW BEDFORD REQUIREMENTS
- 20. ALL HANDICAP PARKING, RAMPS, AND ACCESS SHALL CONFORM TO AAB & MAAB REQUIREMENTS 21. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION. EROSION CONTROL SHALL CONFORM TO CITY OF NEW BEDFORD CONSERVATION COMMISSION REQUIREMENTS AS STATED IN THE ORDER OF
- 22. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO MUTCD REQUIREMENTS

CONSTRUCTION SEQUENCING NOTES

AND MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION.

10. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES.

INSTALLED PRIOR TO ANY EARTH MOVING.

DRAINAGE AREA HAS BEEN STABILIZED.

9. FINISH PAVING ALL HARD SURFACE AREAS.

STRUCTURES AS REQUIRED.

EARTH MOVING.

GRADING.

AS REQUIRED.

- 23. THE CONTRACTOR SHALL OBTAIN A STREET DISTURBANCE & OBSTRUCTION PERMIT PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT OF WAY.
- 24. ALL WATER AND SEWER MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CITY OF NEW BEDFORD REQUIREMENTS
- 25. ALL WATER AND SEWER CONSTRUCTION SHALL BE INSPECTED BY THE CITY OF NEW BEDFORD BEFORE BEING BACKFILLED. 26. THE CITY SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE REQUIRED INSPECTIONS

CLEAR CUT, DEMOLISH AND DISPOSE OF EXISTING SITE ELEMENTS NOT TO REMAIN.

# UTILITY AND GRADING NOTES

- 1. ALL ON-SITE STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR CLASS V RCP, UNLESS NOTED OTHERWISE.
- HDPE PIPE SHALL CONFORM WITH AASHTO DESIGNATIONS M294 AND M252, SHALL BE MANUFACTURED WITH HIGH DENSITY POLYETHYLENE PLASTIC AND SHALL BE ADS N-12 PIPE AS MANUFACTURED BY ADVANCE DRAINAGE SYSTEM, INC. OR HANCOR HI Q PIPE AS MANUFACTURED BY HANCOR, INC. OR APPROVED EQUAL UNLESS OTHERWISE NOTED OR DETAILED.
- 3. A MINIMUM OF 18" VERTICAL CLEARANCE SHALL BE MAINTAINED WHERE WATER SERVICES CROSS STORM DRAIN
- ALL WATER MAINS SHALL BE INSTALLED WITH A MINIMUM OF 5 FEET OF COVER AND A MAXIMUM OF 6 FEET OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE. GREATER DEPTHS ARE PERMITTED WHERE REQUIRED TO AVOID CONFLICTS WITH OTHER UTILITIES.
- GENERALLY, WATER MAIN FITTINGS IDENTIFIED ON THIS DRAWING ARE SHOWN FOR INSTALLATION LOCATION PURPOSE. THE CONTRACTOR SHALL NOTE THAT NOT ALL FITTINGS ARE NOTED, SHOWN OR INDICATED.
- 6. ALL WATER MAIN FITTINGS, TEES, BENDS, HYDRANTS, ETC. SHALL BE RESTRAINED WITH CONCRETE THRUST BLOCKS. DOMESTIC WATER SERVICES 2.5" AND SMALLER SHALL BE TYPE K COPPER TUBING AND SHALL BE INSTALLED WITH 8. OFF SITE SEDIMENT DISTURBANCE MAY REQUIRE ADDITIONAL CONTROL MEASURES TO BE DETERMINED BY THE APPROPRIATELY SIZED CORPORATION STOP AND APPROVED SADDLE CURB STOP, AND BOX, USING MATERIALS SPECIFIED BY THE MUNICIPAL WATER DEPARTMENT OR COMPANY.
- ALL WATER MAINS 3" AND LARGER SHALL BE CEMENT LINED DUCTILE IRON CLASS 52, AND SHALL BE
- INSTALLED WITH APPROPRIATELY SIZED FITTINGS AND GATE VALVES. 9. ALL WATER MAIN APPURTENANCES, MATERIALS, METHODS OF INSTALLATION AND TESTING REQUIREMENTS SHALL MEET OR EXCEED ALL LOCAL MUNICIPAL REQUIREMENTS.
- 10. PRESSURE AND LEAKAGE TEST, DISINFECTION AND FLUSHING SHALL BE IN ACCORDANCE WITH ALL LOCAL MUNICIPAL STANDARDS AND REQUIREMENTS. CONTRACTORS SHALL BE RESPONSIBLE FOR ALL COSTS IN
- CONNECTION WITH UTILITY TESTS, FLUSHING AND INSPECTIONS AS REQUIRED BY THE LOCAL MUNICIPALITY. 11. BEFORE THE DEVELOPMENT SITE IS GRADED, THE AREA OF THE DRAINAGE BASINS SHOULD BE FENCED OFF TO PREVENT HEAVY EQUIPMENT FROM COMPACTING THE UNDERLYING SOIL.
- 12. WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED. 13. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS AND STRUCTURES.
- 14. MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- 15. CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES. 16. CONTRACTOR SHALL ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE THAT IS AFFECTED BY SITE WORK
- OR GRADE CHANGES. WHETHER SPECIFICALLY NOTED ON PLANS OR NOT. 17. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE
- INFORMATION FURNISHED TO THE OWNER'S REPRESENTATIVE FOR RESOLUTION OF THE CONFLICT. 18. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ALL GAS, ELECTRIC,
- TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES. 19. THE LOCATION, SIZE, DEPTH AND SPECIFICATIONS FOR CONSTRUCTION OF PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY AND APPROVED BY THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE AND ELECTRICAL). FINAL DESIGN AND LOCATIONS AT THE BUILDING WILL BE PROVIDED BY THE ARCHITECT. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITY CONNECTIONS WITH THE RESPECTIVE COMPANIES PRIOR TO ANY UTILITY CONSTRUCTION.

# LAYOUT AND MATERIAL NOTES

- 1. CONTRACTOR SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS
- ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY
- TO THE OWNER'S REPRESENTATTIVE FOR CLARIFICATION AND RESOLUTION PRIOR TO BIDDING OR CONSTRUCTION. 3. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAILS CONTIGUOUS TO THE BUILDING
- 4. ACCESSIBLE CURB RAMPS SHALL BE PER THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD AND THE
- AMERICANS WITH DISABILITIES ACT ACCESSIBLITY GUIDELINES, WHICHER IS MORE STRINGENT.
- ALL DIMENSIONS ARE TO OUTSIDE FACE OF BUILDING.
- ALL DIMENSIONS ARE TO FACE OF CURB AT GUTTER LINE

- AND SITE CONDITIONS PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
- INCLUDING SIDEWALKS, RAMPS, UTILITY ENTRANCE LOCATIONS, WALL PACKS, CONCRETE DOOR PADS, ROOF DRAINS,
- THE FOLLOWING LAYOUT CRITERIA SHALL CONTROL UNLESS OTHERWISE NOTED ON THE PLAN:
- ALL DIMENSIONS ARE TO CENTER OF PAVEMENT MARKINGS.
- ALL TIES TO PROPERTY LINES ARE PERPENDICULAR TO THE PROPERTY LINE UNLESS OTHERWISE NOTED.

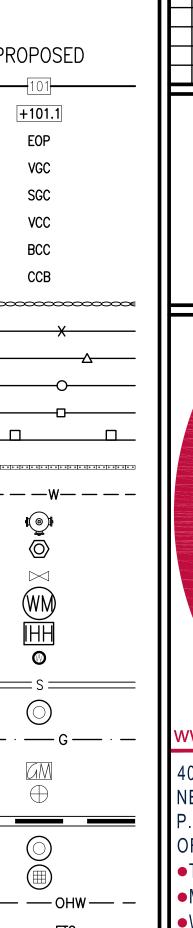
# SOIL EROSION AND SEDIMENT CONTROL NOTES

- THE CONSERVATION COMMISSION SHALL BE NOTIFIED, AT LEAST 72 HOURS PRIOR TO ANY LAND DISTURBANCE. 2. A COPY OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION.
- 3. SOIL EROSION AND SEDIMENT CONTROL PRACTICES IN THE PLAN SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- 4. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN PLACE PRIOR TO ANY DEMOLITION GRADING OPERATIONS AND/OR INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
- 5. ALL APPLICABLE SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE LEFT IN PLACE UNTIL CONSTRUCTION IS COMPLETED AND/OR THE AREA IS STABILIZED.
- 6. ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT. 7. THE MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL MEASURES AND FACILITIES DURING AND IMMEDIATELY
- AFTER CONSTRUCTION RESTS WITH THE GENERAL CONTRACTOR. UPON ACCEPTANCE OF THE PROJECT, THE OWNER SHALL BECOME RESPONSIBLE FOR MAINTENANCE OF ANY REMAINING MEASURES AND FACILITIES.
- ENGINEER. 9. THE CONSERVATION COMMISSION AND/OR ENGINEER MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE
- INSTALLED, AS DIRECTED BY THE DISTRICT INSPECTOR.
- 10. ADJOINING PROPERTIES SHALL BE PROTECTED FROM EXCAVATION AND FILLING OPERATIONS AT ALL TIMES 11. THE CONTRACTOR SHALL UTILIZE ALL METHODS NECESSARY TO PREVENT BLOWING AND MOVEMENT OF DUST FROM
- THE EXPOSED SOIL SURFACES. 12. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.
- 13. A CRUSHED STONE TIRE CLEANING PAD WILL BE INSTALLED WHEREVER A CONSTRUCTION ENTRANCE EXISTS. SEE LOCATION DETAIL ON PLAN.
- 14. ALL CATCH BASIN INLETS SHALL BE PROTECTED DURING CONSTRUCTION AS DETAILED ON THE PLAN, IF APPLICABLE
- 15. ALL STORM DRAINAGE OUTLETS SHALL BE PROTECTED AS REQUIRED HEREON BEFORE DISCHARGE POINTS BECOME OPERATIONAL.
- 16. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- 17. LAND AREAS EXPOSED AT ANY ONE TIME AND THE LENGTH OF EXPOSURE SHALL BE KEPT TO A PRACTICAL MINIMUM. THEY SHALL BE LEFT IN A NEAT AND FINISHED APPEARANCE AND PROTECTED FROM EROSION. 18. ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND FERTILIZATION. IF THE SEASON
- PROHIBITS TEMPORARY SEEDING, THE DISTRIBUTED AREAS SHALL BE MULCHED. 19. ALL CRITICAL AREAS SUBJECT TO EROSION SHALL RECEIVE A TEMPORARY SEEDING AND BE MULCHED IN
- ACCORDANCE WITH THE SPECIFICATIONS IMMEDIATELY FOLLOWING ROUGH GRADING. 20. IMMEDIATELY AFTER COMPLETION OF STRIPPING AND STOCKPILING OF TOPSOIL, SEED THE STOCKPILE WITH ANNUAL RYE GRASS. STABILIZE TOPSOIL STOCKPILES WITH STRAW MULCH FOR PROTECTION IF THE SEASON DOES NOT PERMIT THE APPLICATION AND ESTABLISHMENT OF TEMPORARY SEEDING.
- 21. SOIL STOCKPILES ARE NOT TO BE LOCATED WITHIN FIFTY (50) FEET OF WETLANDS, THE FLOODPLAIN, SLOPE ROADWAY OR DRAINAGE FACILITIES. THE BASE OF ALL STOCKPILES SHALL BE PROTECTED BY A STRAW BALE BARRIER OR SEDIMENT FENCE. LOCATIONS ARE DELINEATED ON THE PLAN.
- 22. MAXIMUM SIDE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
- 23. ALL AREAS NOT STABILIZED BY CONSTRUCTION, SODDING OR LANDSCAPING SHALL BE SEEDED AND STABILIZED IN ACCORDANCE WITH THE SEEDING AND MULCHING SPECIFICATIONS.
- 24. MULCHING IS REQUIRED ON ALL SEEDED AREAS TO INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED TO PROMOTE EARLIER VEGETATIVE COVER.
- 25. ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTRATION DEVICE. THE SEDIMENT FILTER MUST BE CAPABLE OF FILTERING THE SEDIMENT AND BE PLACED SO AS NOT TO CAUSE EROSION OF THE DOWNSTREAM AREA.

# GENERAL PLANTING NOTES

- ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN OR THE PLANT MATERIAL WILL BE UNACCEPTABLE. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES, VARIETY, SIZE AND BE CERTIFIED DISEASE AND INSECT FREE. THE OWNER AND/OR THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIAL ON SITE PRIOR TO INSTALLATION.
- ALL PLANT MATERIAL SHALL BE PROPERLY GUYED. STAKED. WRAPPED. AND PLANTED IN CONFORMANCE WITH THE TYPICAL PLANTING DETAILS. GUY WIRES SHALL BE ATTACHED TO THE TREE AT A HEIGHT OF TWO-THIRDS THE HEIGHT OF THE TREE AND SHOULD BE LOCATED AT POINTS SO AS NOT TO SPLIT THE TRUNK OF MULTI-STEMMED TREES. PROVIDE THREE STAKES PER TREE UNLESS NOTED OTHERWISE INSTALL ALL PLANT MATERIAL ON UNDISTURBED GRADE. PROVIDE BURLAP WRAPPING WITH A 50% OVERLAP. CUT AND REMOVE BURLAP FROM TOP ONE-THIRD OF THE ROOT BALL.
- 3. PROVIDE PLANTING PITS AS INDICATED ON PLANTING DETAILS. BACKFILL PLANTING PITS WITH ONE PART EACH OF TOP SOIL, PEAT MOSS, AND PARENT MATERIAL. IF WET SOIL CONDITIONS EXIST THEN PLANTING PITS SHALL BE EXCAVATED AN ADDITIONAL 12" AND FILLED WITH SAND.
- 4. NEWLY INSTALLED PLANT MATERIAL SHALL BE WATERED AT THE TIME OF INSTALLATION AND SHALL BE SUBSEQUENTLY FLOODED TWICE WITHIN TWENTY-FOUR (24) HOURS OF PLANTING. REGULAR WATERING SHALL BE PROVIDED TO ENSURE THE ESTABLISHMENT, GROWTH AND SURVIVAL OF ALL PLANTS.
- 5. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE. ANY PLANT MATERIAL THAT DIES WITHIN THAT TIME PERIOD SHALL BE REMOVED, INCLUDING THE STUMP, AND REPLACED WITH MATERIAL OF SIMILAR SIZE AND SPECIES AT THE EXPENSE OF THE DEVELOPER. THE REPLACED PLANT MATERIAL SHALL BE GUARANTEED FOR ONE YEAR AFTER THE REPLACEMENT DATE.
- 6. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A MINIMUM 4" LAYER OF TOPSOIL IN ALL LAWN AREAS AND A MINIMUM OF 6" OF TOPSOIL IN ALL PLANTING AREAS. A FULL SOIL ANALYSIS SHALL BE CONDUCTED AFTER CONSTRUCTION AND PRIOR TO PLANTING TO DETERMINE THE EXTENT OF SOIL AMENDMENT REQUIRED.
- 7. ALL DISTURBED LAWN AREAS SHALL BE STABILIZED WITH EITHER SOD OR SEED AS INDICATED ON THE LANDSCAPE PLANS. SEED SHALL CONSIST OF THE MIXTURE LISTED IN THE GENERAL SEEDING NOTES. ALL DISTURBED LAWN AREAS SHALL BE TOP SOILED, LIMED, FERTILIZED, AND FINE GRADED PRIOR TO LAWN INSTALLATION.
- 8. ALL TREES ARE TO BE GUYED, 3 EACH, UNLESS OTHERWISE NOTED ON PLAN. 9. ALL DECIDUOUS TREES ARE TO BE WRAPPED, WITH TREE WRAP, UP TO THE FIRST BRANCHING AND SECURED.
- 10. THE LANDSCAPE CONTRACTOR IS TO PERFORM ALL CONTRACTED WORK IN A REASONABLE PERIOD OF CONTINUOUS
- 11. THE LANDSCAPE CONTRACTOR IS TO MAINTAIN PLANT MATERIAL WHILE THE PROJECT IS UNDERWAY AND FOR A
- PERIOD OF TWO WEEKS AFTER THE COMPLETION OF THE PROJECT UNLESS OTHERWISE SPECIFIED. 12. THE CONTRACTOR IS TO CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE, CAUSED BY THE LANDSCAPE
- CONTRACTOR.

# **LEGEND** PROPOSED EXISTING CONTOUR LINE +101.1 SPOT GRADE I.IOIx EDGE OF PAVEMENT E<sub>0</sub>P EOP VERTICAL GRANITE CURB SGC SLOPED GRANITE CURB VERTICAL CONCRETE CURB BITUMINOUS CONCRETE CURB BCC CCB CAPE COD BERM STONE WALL - >>>>>>>>> CHAIN LINK FENCE IRON FENCE POST & RAIL FENCE \_\_\_\_\_ STOCKADE FENCE **GUARD RAIL** STRAW WATTLES WATER LINE -W---W----( (a) FIRE HYDRANT POST INDICATOR VALVE WATER GATE WATER METER PIT IRRIGATION HAND HOLE WELL SEWER LINE SEWER MANHOLE GAS LINE GAS METER GAS GATE DRAIN LINE DRAIN MANHOLE CATCH BASIN OVERHEAD WIRES — OHW — — OHW — — ELECTRIC, TELEPHONE & CABLE — ETC — ETC — — UTILITY POLE GUY WIRE



CHRISTIAN ALBERT FARLAND No. 47544

REVISIONS



401 COUNTY STREET NEW BEDFORD, MA 02740 P.508.717.3479 OFFICES IN: TAUNTON MARLBOROUGH •WARWICK, RI

DRAWN BY: MJW DESIGNED BY: MJW CHECKED BY: CAF

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FEBRUARY 21, 2019 SCALE: AS NOTED JOB NO. 17-413.1

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NOTES

LATEST REVISION:

SHEET 5 OF 5

WITHIN THE LIMIT OF WORK LINE AS NOTED ON THE SITE PLANS, REMOVE AND DISCARD ALL CONCRETE PAVEMENT, BITUMINOUS CONCRETE PAVEMENT, BRICK PAVEMENT, TOP SOIL, MULCH, TRASH, DEAD TREES AND STUMPS, SHRUBBERY, CHAIN LINK FENCE POSTS, RAILS, FABRIC, GATES, FOOTINGS AND ALL APPURTENANCES, BOLLARDS, POSTS, CONCRETE FOOTINGS AND FOUNDATIONS, WALLS AND CURBS UNLESS OTHERWISE NOTED. THE OWNER'S REPRESENTATIVE SHALL BE CONSULTED AND WILL REVIEW THE WORK ON SITE WITH THE CONTRACTOR

1. CONSTRUCT TEMPORARY AND PERMANENT EROSION CONTROL FACILITIES. EROSION CONTROL FACILITIES SHALL BE

2. TREE PROTECTION FENCE SHALL BE INSTALLED AND APPROVED BY THE OWNER REPRESENTATIVE PRIOR TO ANY

STORMWATER SHALL NOT BE DIRECTED TOWARDS THE INFILTRATION BASIN UNTIL THE ENTIRE CONTRIBUTING

3. ALL PERMANENT DITCHES AND SWALES ARE TO BE STABILIZED WITH VEGETATION OR RIP RAP PRIOR TO DIRECTING

GRADE AND GRAVEL ALL PAVED AREAS. ALL PROPOSED PAVED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER

BEGIN ALL PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED

8. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES AND MULCH AND SEED

13. THE CONSTRUCTION SEQUENCE SHALL BE CONFINED TO THE LIMIT OF WORK AS SHOWN ON THE DRAWINGS.

14. UPON COMPLETION OF CONSTRUCTION THE OWNER SHALL AGREE TO MAINTAIN AND CLEAN ALL DRAINAGE

- BEFORE ANY WORK SHALL COMMENCE. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES
- BETWEEN PLANS AND ACTUAL CONDITIONS TO THE OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO
- CONTRACTOR OPERATIONS. ALL ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR DELIVERED TO
- THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS EFFORTS OF THE DEMOLITION WITH ALL TRADES. 7. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
- THE CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADES AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MANHOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.

# SITE PREPARATION NOTES

11. COMPLETE PERMANENT SEEDING AND LANDSCAPING. 12. REMOVE TEMPORARY EROSION CONTROL MEASURES.