



**Date:** 5/9/2022

**To:** Jennifer Curtis, Director of Planning and Development  
Town of Bowdoinham  
13 School Street  
Bowdoinham, ME 04008

**RE:** Revisions to application documents as a result of completeness review

Dear Jennifer,

I am writing to summarize the revisions we have made to our application as a result of the completeness review held on April 28, 2022. We have revised the existing and proposed site plans along with the lot coverage calculations and have outlined these revisions below. We have also included guidance received from DEP on the wash water discharge system:

1. Existing Site Plan (R1):

- We have added the location of the existing dumpster where it is currently proposed to remain in place.
- We have added the residential-agricultural district note.
- We have added the 250' shoreland zone setback based on the high water line shown on the Sitelines survey dated 7/23/2018.
- We have added a 400' shoreline setback for reference as the 250' setback will not show on the proposed site plan at current scale.
- We have overlaid the flood hazard area as requested.
- The applicant has added another employee cabin and has extended the gravel pad from the driveway to encompass both cabins. We have shown these on the plan along with electrical and water lines connecting the two cabins.

2. Proposed Site Plan (R2):

- We added a note that the existing dumpster is proposed to stay in place as shown on the existing site plan.
- We have added a gravel pad behind the proposed building for a future generator which will be buffered from view by the building.
- We have added the location of the propane tank which is proposed to be buried which will buffer it from view.
- We have added a gravel pad leading to the relocated storage containers which we are now proposing to add another container and run electricity to each of them.
- We have added a 400' shoreline set back for your reference along with a note to see existing site plan for 250' shoreland zone set back as requested.
- We have overlaid the flood hazard area as requested.
- We have added surface drainage symbols to the driveways leading to the loading docks and have added further detail to the drainage ditch intended to catch the surface drainage and direct it to the culvert and on to the vegetated area below where surface drainage is currently directed.
- We have added the residential-agricultural district note.

3. Lot Coverage Calculations:

- We have updated the lot coverage calculations provided with the supplemental submission to reflect the revisions described above and shown on the site plans. The resulting coverage would



still not require a storm water permit from DEP. I am including the calculations for the existing conditions, proposed conditions, and cumulative disturbed area conditions, with the areas to be excluded highlighted in orange and the revisions highlighted in yellow, for your reference:



Existing Impervious Surface					
Feature	Qty	Width	Length	Area	Total Area
House	1			1518	1518
Barn	1			1919	1919
High Tunnel (Greenhouse)	1	30	72	2160	2160
High Tunnel	2	30	144	4320	8640
Cat Tunnel	2	14	100	1400	2800
Cat Tunnel	3	16	100	1600	4800
Storage Container	1	8	40	320	320
Pump room	1	6	12	72	72
Residence Driveway	1			2005	2005
Greenhouse Driveway	1	18	55	990	990
Greenhouse Driveway Wide Area	1	30	40	1200	1200
Farmstead Driveway & Pads	1	30	143	8613	8613
Pump Room Driveway	1	25	40	1000	1000
Additional Gravel Pad @ Cabins	1			3884	3884
				Total Lot Coverage	39921
				Lot Size (sf)	2622312
				Coverage %	1.52%



Proposed Impervious Surface					
Feature	Qty	Width	Length	Area (EA)	Total Area
House	1			1518	1518
Barn	1			1919	1919
High Tunnel (Greenhouse)	1	30	72	2160	2160
High Tunnel	2	30	144	4320	8640
Cat Tunnel	2	14	100	1400	2800
Cat Tunnel	3	16	100	1600	4800
Storage Container	4	8	40	320	1280
Pump room	1	6	12	72	72
Residence Driveway	1			2005	2005
Greenhouse Driveway	1	18	55	990	990
Greenhouse Driveway Wide Area	1	30	40	1200	1200
Additional Gravel Pad @ Cabins	1			3884	3884
Proposed Building	1			5217	5217
Proposed Driveway / Parking	1			13307	13307
Container access pad	1			1200	1200
Generator Pad	1			405	405
Proposed Walkway	1			101	101
				Total Lot Coverage	51498
				Additional SF	11577
				Lot Size (sf)	2622312
				Coverage %	1.96%

Stormwater Cummulative Disturbed Area					
Feature	Qty	Width	Length	Area (EA)	Total Area
House	1			1518	0
Barn	1			1919	0
High Tunnel (Greenhouse)	1	30	72	2160	2160
High Tunnel	2	30	144	4320	8640
Cat Tunnel	2	14	100	1400	0
Cat Tunnel	3	16	100	1600	0
Storage Container	4	8	40	320	1280
Pump room	1	6	12	72	72
Residence Driveway	1			2005	0
Greenhouse Driveway	1	18	55	990	990
Greenhouse Driveway Wide Area	1	30	40	1200	1200
Additional Gravel Pad @ Cabins	1			3884	3884
Proposed Building	1			5217	5217
Proposed Driveway / Parking	1			13307	13307
Container access pad	1			1200	1200
Generator Pad	1			405	405
Proposed Walkway	1			101	101
				Total Disturbed Area	38456



4. Wash water discharge:

- We have received guidance from DEP that the proposed wash water surface discharge system does not require a waste discharge license and may proceed as a *de minimus* discharge.
- I have attached a copy of the email correspondence between the applicant and DEP.

We believe we have addressed all of the items discussed during the completeness review on 4/28/2022 and we look forward to attending the site walk on May 24<sup>th</sup> at 9:00 am and the May 26th meeting of the Planning Board.

Respectfully,  
William Wright

Principal / Designer  
Island Cove Design, LLC

**Subject:** Fwd: Organic Vegetable Rinse water plan  
**From:** Bethany Allen and Eric Ferguson <harvesttideorganics@gmail.com>  
**Date:** 5/5/2022, 8:14 AM  
**To:** Bill Wright <w.wright@islandcovedesign.com>

Sent from my iPhone

Begin forwarded message:

**From:** "Dionne, Cindy L" <Cindy.L.Dionne@maine.gov>  
**Date:** May 5, 2022 at 8:03:26 AM EDT  
**To:** Harvest Tide Organics <harvesttideorganics@gmail.com>  
**Cc:** "Redfield, Alexander" <Alexander.Redfield@maine.gov>, "Wood, Gregg" <Gregg.Wood@maine.gov>, "Kavanah, Brian W" <Brian.W.Kavanah@maine.gov>, "McBrady, Nancy" <Nancy.McBrady@maine.gov>  
**Subject:** RE: Organic Vegetable Rinse water plan

Good morning all,

Given the attached information submitted by Harvest Tide Organics, as well as their estimated of a daily maximum discharge of approximately 600 gallons per day, the Department determines that the discharge does not require a Waste Discharge License and may proceed as a *de minimus* discharge. If new information becomes available, or the characteristics of the discharge change, the Department reserves the right to amend this determination. Please let us know if you require any other information.

Take care,

Cindy L. Dionne  
Environmental Specialist in the Bureau of Water Quality  
Maine Department of Environmental Protection  
207-446-3820  
[www.maine.gov/dep](http://www.maine.gov/dep)

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**From:** Harvest Tide Organics <harvesttideorganics@gmail.com>  
**Sent:** Wednesday, May 04, 2022 2:05 PM  
**To:** Dionne, Cindy L <Cindy.L.Dionne@maine.gov>  
**Subject:** Re: Organic Vegetable Rinse water plan

**EXTERNAL: This email originated from outside of the State of Maine Mail System. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hi Cindy,

Eric here, just looking to connect on the above email. As I said,

we have everything in place and I am confident that the town will approve our plan however I would prefer to go in with a letter from DEP stating that DACF has the ability to make the above recommendations. Any assistance on this would be very helpful.

Thanks so much!  
Eric

On Mon, Apr 25, 2022 at 8:48 AM Harvest Tide Organics <[harvesttideorganics@gmail.com](mailto:harvesttideorganics@gmail.com)> wrote:

Good morning Cindy,

My name is Eric Ferguson, I am one of the owners at Harvest Tide Organics in Bowdoinham. We are preparing to go before the Bowdoinham Planning board for a permit to construct a new washing, packing, and storage facility on our farmland in Bowdoinham. We have been working with Maine DACF to get guidance for a system to control our vegetable rinse water. Alex Redfield suggested I reach out to you for help on this.

Last week we had both David Rocque (retired Maine Soil Scientist) and Mark Hedrich (Nutrient Management at DACF) do a site visit, and David proposed a plan for this rinse water management. I have received a letter from Mark approving the plan as a BMP for such rinse water management. However, we were hoping to also get a letter from DEP acknowledging that DACF has the authority to make this recommendation with the support or acceptance of DEP.

I have attached the following documents;

- Letter of guidance from Mark Hedrich
- A design of the berm catchment/dispersal system
- The proposed site plan, including the catchment/dispersal berm

-The plan for our in-building sediment trap

We are going before the Planning Board on Thursday, a letter of support/guidance from DEP would be very helpful for us for that meeting. I apologize for the last minute nature, it took nearly 4 months to schedule the site visit.

Thanks so much, and feel free to reach out with any questions or other concerns. My cell is (207) 841-7432.

Thanks so much,  
Eric

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*Owner Operator*  
*Harvest Tide Organics, LLC*  
*Bowdoinham, ME*  
*Beth: (207) 449-7274 (she ,her, hers)*  
*Eric: (207) 841-7432 (he, him, his)*  
*Maine Roots for Maine Families*  
<http://www.harvesttideorganics.com/summer-CSA>

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


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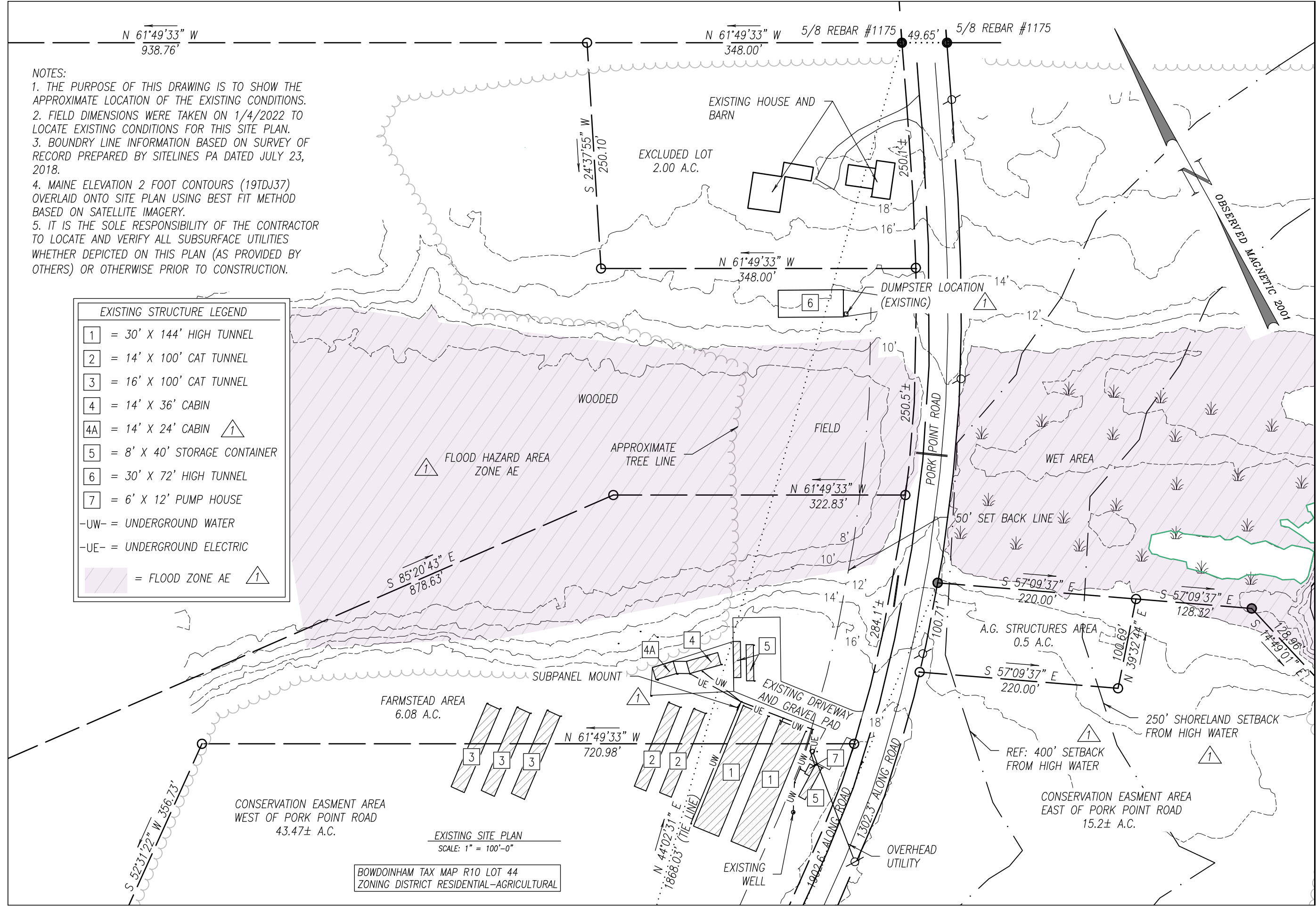
Attachments:

D3.pdf	112 KB
Sediment control drain.pdf	119 KB
P0-1 (1).pdf	250 KB
Eric Ferguson Waste Water Disposal System Approval.docx	309 KB



NOTES:  
 1. THE PURPOSE OF THIS DRAWING IS TO SHOW THE APPROXIMATE LOCATION OF THE EXISTING CONDITIONS.  
 2. FIELD DIMENSIONS WERE TAKEN ON 1/4/2022 TO LOCATE EXISTING CONDITIONS FOR THIS SITE PLAN.  
 3. BOUNDARY LINE INFORMATION BASED ON SURVEY OF RECORD PREPARED BY SITELINES PA DATED JULY 23, 2018.  
 4. MAINE ELEVATION 2 FOOT CONTOURS (19TDJ37) OVERLAID ONTO SITE PLAN USING BEST FIT METHOD BASED ON SATELLITE IMAGERY.  
 5. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY ALL SUBSURFACE UTILITIES WHETHER DEPICTED ON THIS PLAN (AS PROVIDED BY OTHERS) OR OTHERWISE PRIOR TO CONSTRUCTION.

EXISTING STRUCTURE LEGEND	
1	= 30' X 144' HIGH TUNNEL
2	= 14' X 100' CAT TUNNEL
3	= 16' X 100' CAT TUNNEL
4	= 14' X 36' CABIN
4A	= 14' X 24' CABIN 
5	= 8' X 40' STORAGE CONTAINER
6	= 30' X 72' HIGH TUNNEL
7	= 6' X 12' PUMP HOUSE
-UW-	= UNDERGROUND WATER
-UE-	= UNDERGROUND ELECTRIC
	= FLOOD ZONE AE 



BOWDOINHAM TAX MAP R10 LOT 44  
 ZONING DISTRICT RESIDENTIAL-AGRICULTURAL

HARVEST TIDE ORGANICS  
 304 PORK POINT ROAD  
 BOWDOINHAM, ME

CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING CODES

ISLAND COVE DESIGN, LLC  
 P.O. BOX 760  
 BOOTHBAY, ME 04537  
 www.IslandCoveDesign.com  
 (207) 370-8338



REVISION	BY	DATE	REVISION DESCRIPTION
1	BW	5/3/2022	ADD 1' CABIN / PB COMMENTS

ANY ALTERATION TO THIS DRAWING, AUTHORIZED OR OTHERWISE, SHALL BE AT THE SOLE RISK AND RESPONSIBILITY OF THE USER WITHOUT LIABILITY TO ISLAND COVE DESIGN, LLC.

EXISTING SITE PLAN	
DESIGNER:	W/JW
DATE:	2/7/2022
SCALE:	1" = 100'-0"
SHEET SIZE: 11" x 17" (ANSI B)	
PROJECT #:	21-110
SHEET:	P0

**NOTES:**

1. EXCAVATION CONTRACTOR TO FOLLOW EROSION AND SEDIMENTATION CONTROL PROCEDURES, WHETHER SPECIFIED HERE OR NOT, IN ACCORDANCE WITH MAINE EROSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES, DATED MARCH 2003.
2. PRIOR TO BEGINNING CONSTRUCTION SILT FENCE MUST BE INSTALLED ACROSS THE SLOPE(S) ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF EXCAVATION, AND/OR JUST ABOVE ANY ADJACENT WATERCOURSE OR WETLAND.
3. AREAS UNDERGOING ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AMOUNT OF SOIL NECESSARY FOR PROGRESSIVE AND EFFICIENT CONSTRUCTION AND SHALL NOT EXCEED 14 DAYS. ANY AREAS WITHIN 100' OF A REGULATED NATURAL RESOURCE MUST BE STABILIZED WITHIN 48 HOURS.
4. IF DISTURBED AREAS DO NOT RECEIVE FINAL SEEDING BY SEPTEMBER 15TH THEN THOSE DISTURBED AREAS MUST BE SEEDING WITH A WINTER COVER CROP. WINTER SEEDING SHALL BE COVERED WITH MULCH SUCH THAT NOW SOIL IS VISIBLE.
5. BOUNDARY LINE INFORMATION BASED ON SURVEY OF RECORD PREPARED BY SITELINES PA DATED JULY 23, 2018.
6. MAINE ELEVATION 2 FOOT CONTOURS (19TDJ37) OVERLAID ONTO SITE PLAN USING BEST FIT METHOD BASED ON SATELLITE IMAGERY.
7. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY ALL SUBSURFACE UTILITIES WHETHER DEPICTED ON THIS PLAN (AS PROVIDED BY OTHERS) OR OTHERWISE PRIOR TO CONSTRUCTION.
8. EXISTING DUMPSTER TO REMAIN NEXT TO GREENHOUSE #6 SHOWN ON EXISTING SITE PLAN.

**PROPOSED SITE LEGEND**

- D - = UNDERGROUND DRAIN LINE
- UW - = UNDERGROUND WATER
- UE - = UNDERGROUND ELECTRIC
- PT = UNDERGROUND PROPANE
- G = GENERATOR
- = GUTTER DRAIN LOCATION
- = EXISTING 2' CONTOUR
- - - = PROPOSED 2' CONTOUR
- SD = PROPOSED SURFACE DRAINAGE
- = PROPOSED LANDSCAPING
- = FLOOD ZONE AE

TOWN OF BOWDOINHAM  
PLANNING BOARD  
APPROVAL

DATE: \_\_\_\_\_

CHAIRPERSON

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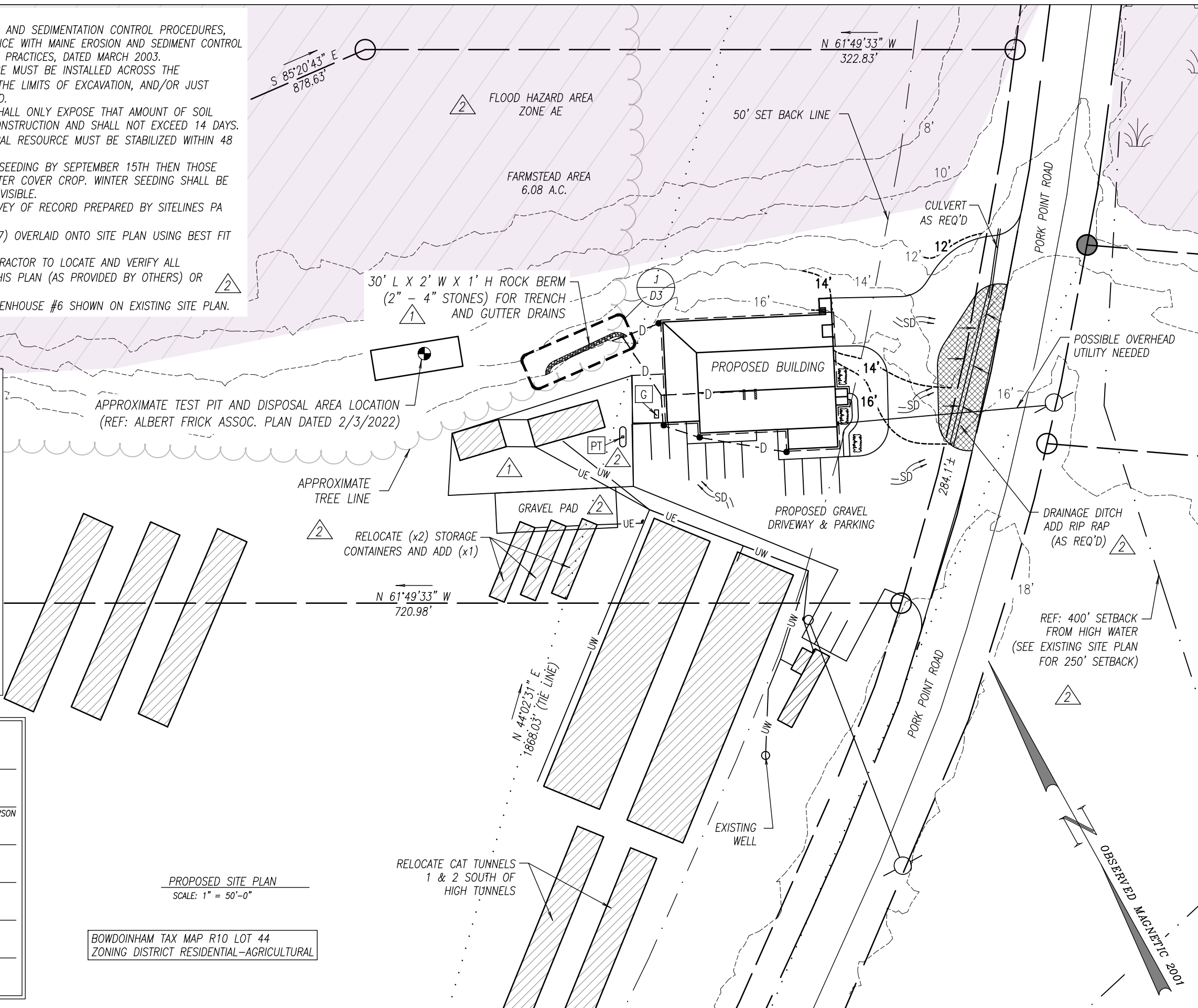


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BOWDOINHAM TAX MAP R10 LOT 44  
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(207) 370-8338



REVISION	BY	DATE	REVISION DESCRIPTION
2	BW	5/3/2022	REVISED PER PB COMMENTS
1	BW	4/20/2022	TRENCH DRAIN BURM

ANY ALTERATION TO THIS DRAWING, AUTHORIZED OR OTHERWISE, SHALL BE AT THE SOLE RISK AND RESPONSIBILITY OF THE USER WITHOUT LIABILITY TO ISLAND COVE DESIGN, LLC.

**PROPOSED SITE PLAN**

DESIGNER:	W/JW
DATE:	2/7/2022
SCALE:	1" = 50'-0"
SHEET SIZE:	11" x 17" (ANSI B)
PROJECT #:	21-110
SHEET:	P0.1

CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING CODES