

Board of Sewer Commissioners Meeting Agenda



Date August 29, 2023 <u>Time</u> 7:00 PM

Location
Bourne Community Center
239 Main St., Buzzards Bay
Or virtually (see information below)

The Zoom chat will not be monitored. Participants who wish to speak must raise the hand icon until the Chair asks them to unmute. Note this meeting is being televised, streamed or recorded by Bourne TV. If anyone in the audience is recording or videotaping, they need to acknowledge such at this time.

If anyone from the public wishes to access the meeting, they can do so by calling the following conference line: 1-929-205-6099

Zoom Meeting ID: 838 3616 9923

Password: SEWER

All items within the meeting agenda are subject to deliberation and vote(s) by the Board of Sewer Commissioners.

7:00 P.M. Call Public Session to Order in Open Session

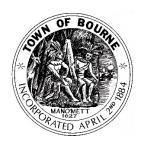
- 1. Moment of Silence to recognize our troops and our public safety personnel
- 2. Salute to the flag
- 3. Reading of the Vision and Mission Statements
- 4. Public comment on non-agenda items: Public comments are allowed for up to a total of 12 minutes at the beginning of each meeting. Each speaker is limited to 3 minutes for comment. Based on past practice, members of the Board are not allowed to comment or respond.
- 5. Sewer allocation request Bourne Scenic Park, 370 Scenic Highway
- 6. Collection System
 - a. SSO 343 Scenic Hwy
 - b. Manhole project update
 - c. Grease trap compliance 300 Main St
 - d. FOG management plan
 - e. Low pressure system upgrades Phase 1: Hideaway Village
 - f. Capital investments for Fall TM
- 7. Wastewater Treatment Plant Weston & Sampson
 - a. Computer and control panel failure
 - b. Odor control
 - c. Update on previous communication failure no callout for overflow
 - d. Recommended capital improvement plan
- 8. Stormwater project
- 9. Town Administrator report
- 10. Minutes: 07.11.23
- 11. Future agenda items
- 12. Committee reports
- 13. Correspondence

14. Next meeting date: September 26

15. Adjourn

Reasonable accommodations for people with disabilities are available upon request. Please include a description of the accommodation you require, with as much detail as possible, and include a way we can contact you if we need more information. Please allow advance notice. Send an email to kthut@townofbourne.com or call the Town Administrator's Office at 508-759-0600 x1503

TOWN OF BOURNE



Vision

Bourne is a proud community that embraces change while respecting the rich heritage of the town and its villages. It is a municipality based on strong fiscal government with a durable economy that recognizes the rights of all citizens, respects the environment, especially the coastal areas of the community and the amenities that it affords. Bourne embraces excellent education, and offers to citizens a healthy, active lifestyle.

Mission

Bourne will maximize opportunities for social and economic development while retaining an attractive, sustainable and secure coastline and environment for the enjoyment of residents and visitors. Through responsible and professional leadership and in partnership with others, Bourne will strive to improve the quality of life for all residents living and working in the larger community.

7023 OCT 18 PM 12: 03

711011

TA Marlene McCollem ATA Liz Hartsgrove (remote)

Board of Sewer Commissioners

Jared MacDonald, Chair Melissa Ferretti, Vice Chair Mary Jane Mastrangelo, Clerk Anne-Marie Siroonian

Others: Tim Lydon, Town Engineer, Joe Henderson, Gary Maloney, and Terri Guarino, Health Agent. The Zoom chat will not be monitored. Participants who wish to speak must raise the hand icon until the Chair asks them to unmute. Note this meeting is being televised, streamed, or recorded by Bourne TV. If anyone in the audience is recording or videotaping, they need to acknowledge such at this time.

Michael Rausch, Bourne Enterprise, acknowledged that he is recording this meeting.

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Zoom Meeting ID: 838 3616 9923 Password: SEWER

All items within the meeting agenda are subject to deliberation and vote(s) by the Board of Sewer Commissioners.

7:13 PM Call Public Session to Order in Open Session

- 1. Moment of Silence to recognize our Troops and our public safety personnel.
- 2. Salute to the Flag.
- 3. Reading of the Vision and Mission Statements: Chair MacDonald said that they will read aloud the Vision and Mission Statements at the Select Board meeting that is following this meeting.

Vision: Bourne is a proud community that embraces change while respecting the rich heritage of the town and its villages. It is a municipality based on strong fiscal government with a durable economy that recognizes the rights of all citizens, respects the environment, especially the coastal areas of the community and the amenities that it affords. Bourne embraces excellent education, and offers to citizens a healthy, active lifestyle.

Mission: Bourne will maximize opportunities for social and economic development while retaining an attractive, sustainable, and secure coastline and environment for the enjoyment of

residents and visitors. Through responsible and professional leadership and in partnership with others, Bourne will strive to improve the quality of life for all residents living and working in the larger community.

4. Public Comment on Non-Agenda Items – Public Comments are allowed for up to a total of 12 minutes at the beginning of each meeting. Each speaker is limited to 3 minutes for comment. Based on past practice, members of the Board are not allowed to comment or respond.

5. Sewer Allocation Request – Bourne Scenic Park, 370 Scenic Highway.

Chair MacDonald said that this came at the last minute therefore staff have not had time to review the request, so at this meeting they will listen to the presentation. Chair MacDonald said that they will wait until staff and the Board of Sewer Commissioners has more time to prepare for this request, then they will discuss it at the next meeting.

Joe Henderson of the Horsley Witten Group said that they are the design engineers working with the Bourne Recreation Authority. He said that they presented in front of the Board of Sewer Commissioners about 6 months ago. He said that because of that conversation, they are coming back with a request for an allocation for a small portion of the park, west of the Bourne Bridge.

Mr. Henderson said that this portion is divided from the rest of the park by the bridge. They are proposing to construct a gravity sewer within the park and pump it back up to the Scenic Highway. He said that this would serve 90 campsites. There was some discussion on how they came up with flow and the area for the request. Tim Lydon, Town Engineer, asked Mr. Henderson how far along in discussion have they got with the Army Corps of Engineers regarding this request. Mr. Henderson said that his approach is to get the allocation first, then go to the Army Corps with it in hand. Chair MacDonald agreed with Mr. Henderson about the direction that he is going in regarding the Army Corps.

Gary Maloney said that while it might be good to get a piece of paper in one direction, he said that the town's allocation is going to be limited if they are given anything. He asked if the application is residential, commercial, or industrial. He also wants to know the date that they will have a follow-up discussion. Town Administrator Marlene McCollem said that they plan on bringing this discussion back on the September 26th agenda.

6. Collection System

a. SSO – 343 Scenic Hwy.

Ms. McCollem said that this is for private overflow, and not the municipal system. She said that the town does have some responsibilities for the collection system as far as making sure everything is operating properly. She said that both pumps at this property stopped working at the same time. She said that they are noticing that there is a lot of private infrastructure that is contributing to the system that is not always in full repair. This situation was rectified, and all cleaned up.

b. Manhole project update.

Ms. McCollem said that these are public, and the town has been using ARPA funds for these manholes at the Way-Ho and Taylor's Point Marina. She said that she and Tim Lydon are meeting with BETA, the design contractor, tomorrow morning to discuss the outstanding items. She said there have been struggles with closing the project out.

c. Grease trap compliance – 300 Main St.

Tim Lydon said that Way-Ho has been on the town's radar. DPW alerted him of some grease building up. He went there and he saw in the pump chamber the evidence of grease being on the chains, the pumps, and other components in the pit. He said that this is a huge red flag because the town just asked them to install grease treatment components. He said that he reached out to the Board of Health, the Building Department and the DPW to do a joint inspection. Mr. Lydon said that the report from the Board of Health is in the meeting packet. He said that it is obvious that what was installed is not doing the job that town needs it to do.

Mr. Lydon said that they found out that there are two separate kitchen components with the main kitchen going out to the external grease trap. He said the internal grease trap was not connected prior to that, as it was connected to a 3-bay sink on the other side of the building that he was not aware of. He said that they have a kitchen component that is not compliant with the plumbing code and is not solving the issue that was first at hand. It is his recommendation to have the owner clean out the external grease trap.

Terri Guarino explained that the external grease trap is an existing component that the records indicate is a 2000-gallon precast tank and it is connected to the kitchen in the building and is what is caked with grease. She said that there are concerns with the building sewer to the inlet of that tank and from the outlet of the tank to this cleanout, which is all sub surface. She said still extending sub surface from this cleanout to the new grinder pump manhole is the pipe that was replaced. She said that these lines should be evaluated.

Ms. Guarino said that the dishwasher, the wok, and the prep sink all go straight out to the building sewer and are not connected to the new internal component that was put on the other side of the building.

Mary Jane Mastrangelo had questions about the invoices for pumping out. She said there were a few in February and March, and then nothing until July. She wanted to know if there is a requirement for grease pumping on a regular basis. Ms. McCollem said that per the town's regulations, the owner, or his designations, shall inspect grease traps and interceptors, at least monthly and internal grease traps must be cleaned monthly by the owner, operator, or approved vendor. She also said that the regulations say that external grease traps must be inspected monthly and pumped by an approved vendor when at 25% capacity or every three months.

Ms. McCollem said that DPW has done their inspection and they have noted that they are seeing grease in the new wet well. The Health Dept., Plumbing and Engineering have gone out to inspect as well and have confirmed that the property is not being maintained properly.

She said that the town Plumbing Inspector and Board of Health Agent have the ability to act on behalf of the town for the purpose of inspecting grease traps and interceptions, issuing permits for grease traps and interceptors, or issuing violations relative to the operation. She said that violators will be required to attend a Board of Sewer Commissioner's hearing that may result in suspension or termination of a food permit. There was discussion about the next steps in this case. There was also discussion about the schematics of the plumbing system of the building.

Gary Maloney asked if the grease at any time leaves the parking lot and enters the rest of the town's system. Ms. McCollem said that is does. He said that the town is responsible to their municipal partner for a FOG program that is operational. He asked why the restaurant is still open and why is that condition allowed to deteriorate the town's partners equipment as well as the town's own. He asked if the Board of Health could shut them down now.

Ms. McCollem answered that the Board of Health has separate authority. She said that she is before this Board under the Sewer Rules and Regulations. She reiterated that the Sewer Commissioners have the authority to hold a hearing that may result in suspension or termination of the food permit. Ms. McCollem said that there are no statutory notice requirements for holding a hearing, and the Board of Sewer Commissioners must notify the business owner and Ms. McCollem will notify the staff.

Voted: Mary Jane Mastrangelo moved, and Anne-Marie Siroonian seconded to hold a hearing on September 12th with the restaurant owners of Way-Ho Restaurant, 300 Main Street, at 6:30 PM.

Vote: 4-0-0.

d. FOG management plan.

Tim Lydon explained that FOG stands for Fats, Oils and Grease and that 90% of overflows for sewers are caused by blockages, and 50% of the blockages are caused by accumulated amounts of fats, oils, and grease. He said that this is something that can be prevented with all these internal and external grease traps, and in the handling of food in general. He said that in Bourne there are 32 restaurants that could have potential external and internal grease traps, which is a manageable amount. He said that with the FOG Management plan they will be able to show people how to handle their grease. He would like to start with a flyer, with a link to the Sewer Regulations, and he will get a draft together. There was a discussion about getting the information out.

e. Low pressure system upgrades – Phase 1: Hideaway Village

Ms. McCollem said that this project was put out to bid and decided not to award it to a design firm because they got two extremely different responses. It is now with Town Counsel for review and hope to have it back out for bid net week. She said that they are focusing on Hideaway Village as step 1 of the project. She said that they wanted to take Hideaway Village as a standalone project because the equipment is different.

Ms. McCollem also said that the Board of Sewer Commissioners must decide if they want to treat the pumps as private property or as public property. Chair MacDonald said that they need to revisit their regulations. Ms. Mastrangelo asked if there could be a private program where the town replaces the pump and bills the homeowner, and Ms. McCollem said yes. This would alleviate the logistics problem for the homeowner, and it guarantees that they are all the same. Melissa Ferretti asked if there would be a way to determine if the failure of the pump was a result of the homeowner's use or the pump itself. Chair MacDonald explained that this is the reason why all the pumps for each home should be the same and the town should take ownership of them. Mr. Lydon said that usually it is obvious when a pump fails.

f. Capital investments for Fall TM.

Mr. Lydon said he was trying to compile a list and the only thing that he has right now is a quote to replace 4 air release valves which might cost about \$15,000. He said they have identified 3 by Hideaway Village and 1 at the Belmont Rotary.

7. Wastewater Treatment Plant – Weston & Sampson

- a. Computer and control failure.
- b. Odor control.
- c. Update on previous communication failure no callout for overflow.
- d. Recommended capital improvement plan.

Mr. Lydon said that he was hoping that Weston & Sampson would come to this meeting, and they were unable to make it. He said that they have been dealing with a lot this past week and a half. He said that on August 18th the plant failed, and the flow had to be diverted to Wareham. He said that the town is still well within the amount of flow going to Wareham.

Mr. Lydon said the plant was down for about a week, and it is back up and running now. He said that they must run at low power because it fails when they put in on high power. He said that the technology is proprietary to Kubota, and they are the only ones that can work on it. He said that an engineer from Kubota came to troubleshoot, and they have no answers. Mr. Lydon suggests that there be a backup computer which costs about \$3,300.

Mr. Lydon said regarding odor control that Weston & Sampson seems to think the only odor control issue was when they pumped out the sludge, and he says he doesn't think they are seeing all that the town is seeing. He said that he has reached out to Barnstable to see what they use to measure odors, and he is looking into getting an odor measurement tool for the town as part of the capital improvement plan.

Mr. Lydon reported the communication failure. He then listed some of the items for the recommended capital improvement plan: cleaning the sludge tanks, updated trash trap, backup CPU, and odor measurements. Ms. McCollem said that they are putting together a realistic capital improvement plan by talking to the operators to find out what really is needed. There was some discussion about what warranties may still be in place and about flow numbers to Wareham and to the plant.

8. Stormwater Project

Mr. Lydon said that the contractor is still delayed therefore it could be another few weeks.

9. Town Administrator Report

Ms. McCollem said that she doesn't have any more updates as they were all on the agenda.

10. Minutes: 07.11.23

Voted: Melissa Ferretti moved, and Anne-Marie Siroonian seconded to approve the minutes of 7/11/23, as presented.

Vote: 4-0-0.

11. Future Agenda Items

Ms. Mastrangelo said that when the town approved Domino's, they allowed them to not have an external grease trap. She said that there were some conditions about measuring and pumping. She wants to make sure that the commissioners keeps on top of their agreement.

Chair MacDonald said as far as other future agenda items, there is Bourne Scenic Park, manhole project update, grease trap compliance and hearing, wastewater treatment updates, FOG management plan, and capital improvement plan.

12. Committee Reports

Ms. Mastrangelo said that she talked to the Cape and Island Water Protection Fund about having a discussion with DEP about ways to structure the financing to allow the town to have access to the Cape and Island Water Protection Fund. She said that there is a meeting set up for she and Ms. McCollem for preliminary discussion.

13. Correspondence

Chair MacDonald said that there is a letter for the Town of Wareham Sewer Commissioners requesting to have a joint meeting about the large capital project that they are looking to introduce. He said that this is a good conversation to have with them. He said that there are some new board members on their Sewer Commission, and it would be a good idea for the Bourne Sewer Commissioners to revitalize their communication with the Wareham Sewer Commissioners. Chair MacDonald asked Ms. McCollem to set up the meeting.

14. Next meeting date: September 26

15. Adjourn

Voted: Mary Jane Mastrangelo moved, and Anne-Marie Siroonian seconded to adjourn.

Vote: 4-0-0.

The Board of Sewer Commissioner's Meeting ended at 8:56 PM

Respectfully Submitted,

Kim Johnson, Recording Secretary

Buzzards Bay Commercial Wastewater Summary Sheet (June 1, 2023)

OWNER	LOCATION	GPD Reg'd	GPD Exist'g	Planning Board Approval Date	Application Paid Date (\$1500)	Preliminary Allocation Approval Date	Prelim Alloc Fee	Prelim Allocation Date Paid	Sewer Develop Fee	Sewer Develop Fee Date Paid	Comments	Previous 6 Month Review Dates
Pending Applications		Requeste	d:									
Preliminary Allocations				All Time Totals:	\$22,500		\$153,232.00		\$478,087.40	TOTAL:	\$653,819.40	
Maritime Holdings LLC/Rob	12 Wagner Way	17750		TBD	1/5/2018	6/18/2019	\$22,750.00	11/20/2019	TBD	Due before BP		11/19, 5/20, 2/21, 4/21, 2/22, 9/22
CALAMAR	13 Kendall Rae Place	16800		12/21/2017		9/19/2017	\$21,800.00	1/6/2020	\$137,520.75	4/14/2023		11/19, 5/20,4/21, 2/22
Vincent Michienzi	100 Block	26080		No Plans	TBD	10/13/2015	TBD	TBD	TBD	Due before BP	-1000 gpd 11/25/2019 (originally 27080)	11/19, 5/20, 9/20, 4/21, 2/22
MMA Cadet Housing	11 Buttermilk Way	7070	310	N/A	12/27/2019	1/28/2020	\$12,070.00	2/20/2020	\$40,491.60	4/4/2023		2/21/2023
Bay Motor Inn	223 Main Street	11985	640	5/28/2020 (Prelim)	5/20/2020	7/28/2020	\$16,335.00	9/1/2020	\$56,193.25	Due before BP	Sewer Dev Fee based on Prelim Plan (March 2020 revision)	2/21, 4/21, 2/22, 9/22
340 Main St LLC	340 Main St (Ph 1)	3095		2/27/2020	8/19/2020	8/25/2020	\$8,095.00	11/2/2020	(See Ph 2)	(See Ph 2)	Sewer Inspection approved and backfilled 11/14/2022	2/2021, 4/21, 2/22, 9/22
340 Main St LLC	340 Main Street (Ph 2)	7920		TBD	1/11/2023	11/29/2022	\$11,920.00	1/11/2023	\$70,010.75	Due before BP	Building Permit not requested yet	
CMP Development LLC	2 Kendall Rae Place	37262		10/6/2022	11/2/2022	11/29/2022	\$41,262.00	12/29/2022	\$105,478.05	Due before BP	Building Permit not requested yet	4/25/2023
James McLaughlin	227R Main Street	550		7/14/2022	11/18/2022	11/29/2022	\$2,750.00	12/9/2022	\$6,085.75	12/9/2022 Due before		
140 Main Buzz Bay, LLC	140 Main St	1,300	33	11/10/2022	11/21/2022	11/29/2022	\$5,300.00	12/15/2022	\$39,818.50	BP	Building Permit not requested yet	
Jersey Mike's	2 Bourne Bridge Appr	1,000		Use by right	1/18/2023	1/31/2023	\$5,000.00	2/15/2023	\$342.00	2/15/2023		
EAV Solutions	260 Main St	200		3/23/2023	4/21/2023	4/25/2023	\$1,000.00	4/28/2023	N/A	N/A		
Ladd Homes, LLC	46 Holt Rd	990		TBD	5/22/2023	5/30/2023	\$4,950.00	TBD	\$22,146.75	Due before BP		
Bourne Scenic Park	370 Scenic Hwy (Ph 1)	8,910		N/A	8/22/2023	TBD	\$12,910.00	TBD	\$304,275.00	Due before BP		
Completed and awaiting Op	pertational Allocation											
Vincent Michienzi	85-93 Main Street	13000	931		10/24/2018	10/15/2018	\$18,000.00	10/24/2019	N/A	N/A	Temporary Certificate of Occupany	11/19, 5/2020, 9/2020, 4/21
James McLaughlin	227 Main Street	79	40	10/10/2019	12/31/2019	1/28/2020	\$5,079.00	2/7/2020	N/A	N/A	Policy no longer applies as there are 4 residential units or less	
Domino's/Wareham Pizza Co	U 11	500	0 (unit)	Use by right	9/15/2021	10/28/2021	\$2,500.00	8/29/2022	N/A	N/A		
	2022 GPD Downtown Act. Us 2% Residential Reserve	s 114614 6000										
	Total Approved GPD	275105										
	Total Available GPD	24895										
Opertational Allocation			2022 use									
W. A. C. Marie	01034 - 0	1.4000	10705						#14 Q40 1Q			
Keystone Assisted Living HAMPTON INN	218 Main Street 12 Kendall Rae Place	15243		3/28/2017		9/30/2014			\$14,248.12 \$48,533.12	11/11/2019	Certificate of Occupancy issued in January 2020 - We need to review the Reserve Capacity in january 2023 per Policy (V.	
Current FY23 Totals:	12 ACHUAN KAC FIACE	13243	0/42	3/20/2017	\$10,500.00	7/30/2014	\$69,732.00		\$184,440.10	11/11/2019	Total Fees Assessed and Paid FY23: \$264,672.10	



Sewer Service Application Form Town of Bourne, Massachusetts

Section 1: General Information

A.	Applicant Name	Bourne Scenic Park
В.	Applicant Address and Phone:	370 Scenic Highway, Bourne MA 02532
C.	Is the Applicant the Property Owner?	Yes No X
D.	Property Owner Name	Bourne Recreation Authority/Army Corps of Engineers
E.	Property Owner Address	231 Sandwich Road, Bourne MA 02532
F.	Property Owner Mailing Address	231 Sandwich Road, Bourne MA 02532
G.	Property Owner Phone/Email	(508) 759 7873 Ext. 10
H.	Building Contractor Name, Address, Phone, and License Number	NA
I.	Licensed Drain Layer or Master Plumber Name, Address, Phone, and License Number	<u>NA</u>
J.	Source of Property Water Supply	Buzzards Bay Water District
K.	Number of Residential Bedrooms	NA
L.	Types of Plumbing Fixtures	
	Kitchen Sink	Water Closet
	Lavatory	Bath Tub
	Laundry Tub	Shower
	Urinal	Disposal
M.	Dig Safe #	NA
N.	Water District/Department Connection (if applicable)	Buzzards Bay Water District

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O.	D. Plans and Specifications for the proposed building sewer, as required, by the Planning Board checklist, are attached hereto (Refer to the Bourne Planning Board Department for the updated checklist)							
P.	Connection Request: Residential Connection less than 500 Gallons per Day (Connection greater than 500 GPD Mixed Use/Commercial Change of Use or Increase in Fl Industrial User	Complete Sections 2, 3, and 5						
Sec	ction 2: Wastewater Allocation Form							
A.	Location of Proposed Project (Address)	370 Scenic Highway, Bourne MA 02532						
	Location of Proposed Project (Map and Parcel)	Map 20 Parcel 013, Map 16 Parcel 013						
B.	Is Applicant Leasing or Buying? If buying, attach Purchase & Sale	Leasing NA Buying NA						
C.	Is there an existing connection to the sewer system?	No						
D.	Description of Proposed Project							
Cor	nnection of a portion of the existing campground facilities.							
E.	Financing is in Place	NA Copy of Documentation Attached						
F.	Applicant has a letter of intent to finance	NA Copy Attached						
G.	Allocation Requested	8,910 gpd						
Н.	Any unusual characteristics of projected flow?	Yes <u>X</u> No						
	If Yes, describe type of wastewater flow:							
Sor	ne waste could be from RV campers.							

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I. Requested Amount Exceeds Available Allocation Yes _____ No ____

Section 3: General Commercial/Mixed Use

A.	Company Name	Bourne Scenic Park
B.	Facility Address and Phone:	370 Scenic Highway, Bourne MA 02532
C.	Property Owner Name	Bourne Recreation Authority/Army Corps of Engineers
D.	Property Owner Address	231 Sandwich Road, Bourne MA 02532
E.	Property Owner Mailing Address	231 Sandwich Road, Bourne MA 02532
F.	Property Owner Phone/Email	(508) 759 7873/gm@bournerecreationauthority.com
G.	Name and Title of Corporate Officer Signing Application	Barry Johnson
H.	Name and Title of Facility Manager	John Morrill, Facility Supervisor Bourne Scenic Park
I.	Name and Title of Employee Responsible for Wastewater Discharge	John Morrill, Facility Supervisor Bourne Scenic Park
J.	Type of Business:	Campground
K.	Principle Product or service:	Office/Campground/retail
L.	Describe Operation and Activities of Facility	
Sea	sonal Campground with restroom and shower t	facilities and RV camping sites.
M.	Describe any factors affecting operation (Seasonal production, scheduled shutdown, peak operation, batch operation, etc.)	
The	campground operates seasonally for approxim	nately 212 days per year.
N.	Number of Employees	

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Section 4: Industrial Users

A.	Standard Industrial Classification Code (SIC) and/or North American Industry Classification System (NAICS) Code
В.	List all raw materials used in the operation Attach additional pages if necessary
C.	List any flammable, combustible, or explosive substances which are stored, utilized, or produced at this facility: <i>Attach additional pages if necessary</i>
D.	List any hazardous substances, SDS sheets (as defined in 310 CMR 30.00), which are stored, utilized, or produced at this facility: <i>Attach additional pages if necessary</i>
E.	Describe all measures which are taken to isolate those areas of the facility where the substances listed in Item C. and D. are stored, utilized, or produced. In particular, list efforts to prevent the discharge of these substances to the sewer system (attach additional pages if necessary):
F.	Is there a Spill Prevention Plan? Yes → Attach Copy No
G.	Attach copies of Statement of Violation Penalties issued to the Industrial User Attached Not Applicable
H.	Name and Title of Employee Responsible for Wastewater Discharge
I.	List the size, location, average daily flow and maximum daily flow of all connections to the sewer system. Note: The maximum daily flow listed will be considered the maximum day permitted flow, if this application is accepted; attach additional pages if necessary

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	ethods of wastew a additional page		` •	aterbody or ground, waste hauling
K. Baseline Monit	oring Report		Attached	Date Completed
Monitoring Report" Commonwealth of M Existing and New So Report shall be revious Manager of the facili	which shall be profassachusetts, in a purces of Pollution weed by the Mana lity shall certify in anditions at the Fa	epared by a Praccordance with "(40 CFR 40.) The ger of the facily writing that "acility, particular of the pacility, particular "acility, particular "acility", acility", particular "acility", acility", acility "acility", acility", acility "acility", acility", acility "acility", acility", acility "acility", acility "acility", acility", acility "acility", acility", acility "acility", acility", acility "acility", acility", aci	ofessional Civil I h the U.S. EPA " 3, as amended). I lity from which th all sampling for t arly with regard	nnection permit submit a "Baseline Engineer, registered in the General Pretreatment Regulations for The completed Baseline Monitoring wastewater is discharged and the he Report was performed under to the quantity and characteristics of
L. Operating Para	meter Ranges of	Wastewater E	ffluent (% range	es if not operational yet):
	Effluent Range	Efficiency Removal (%)		
рН				
Temperature				
BOD (mg/L)				
TSS (mg/L)				
Oil & Grease (mg/L)				
	f the results of al ne wastewater (ra the past two year	w and	Attached	Not Applicable
discharge. If the design report p	is is a proposed p	process or mod fessional Civil	lification to an ex Engineer, regist	stewater will receive prior to xisting process, attach a copy of the tered in the Commonwealth of d specifications.

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Section 5: Certification

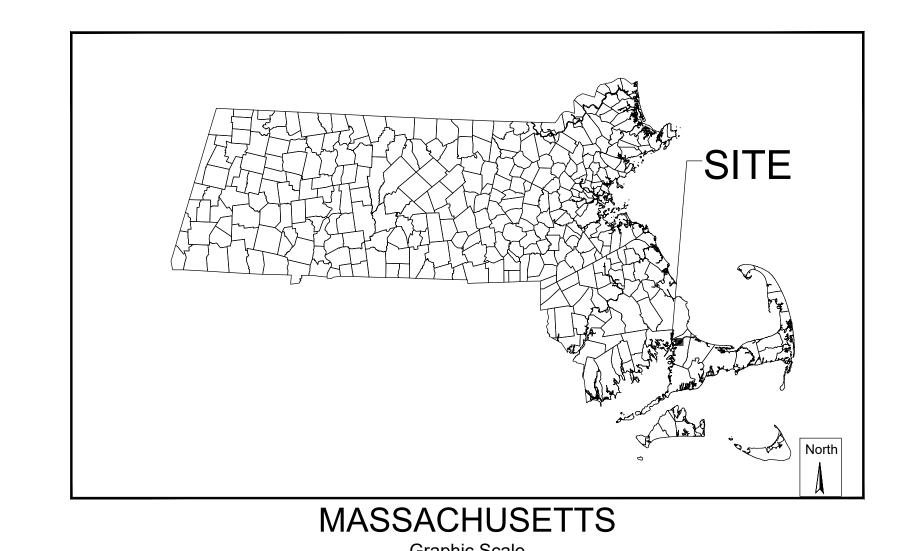
In consideration of granting this permit, the undersigned agrees:

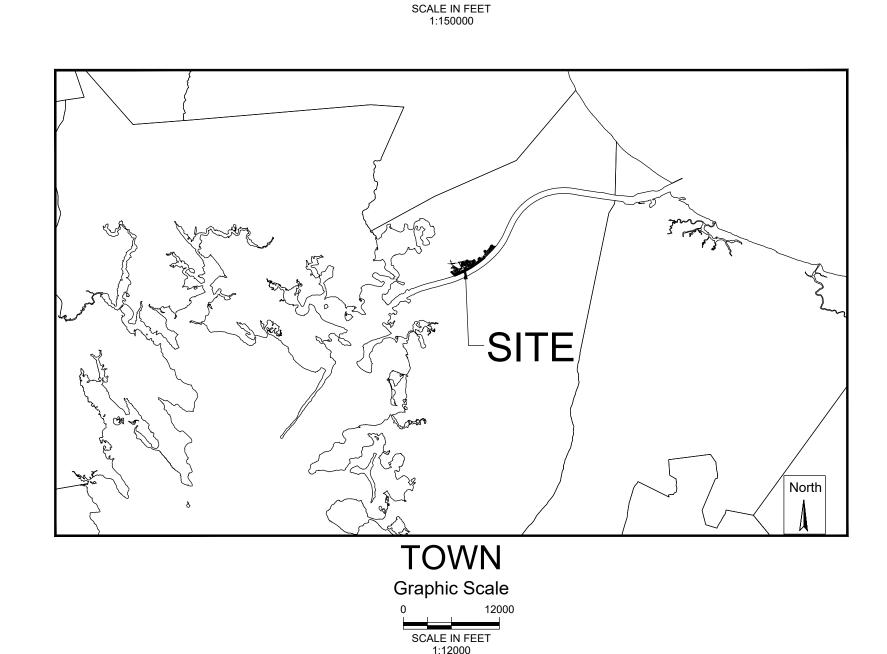
- 1. To accept and abide by all provisions of "Sewer Use Regulations' of the Town of Bourne, Massachusetts and of all other pertinent rules and regulations that may be adopted in the future.
- 2. That no person shall excavate, construct, effect, maintain, modify, or use any sewer connection or extension without a currently valid permit from the Town of Bourne. The permit must be "inhand" before work can commence.
- 3. To pay all the cost of said particular sewer and its connection with the public sewer in said street, including all labor and materials or any other expense incurred necessary for proper construction of said particular sewer as determined by the Sewer Commission.
- 4. To maintain the building sewer at no expense to the Town.
- 5. For himself, his heirs, devisees and assigns, that the said Department of Public Works shall have access at all reasonable hours, to the said premises, to see that all the laws, rules, and regulations relating to the sewer are complied with.
- 6. To notify the Superintendent when the building sewer is ready for inspection and connection to the public sewer, but before any portion of the work is covered. Notice of two (2) business days shall be provided to the Superintendent.
- 7. That construction of the sewer connection will be completed within ninety (90) days of issuance of this permit.

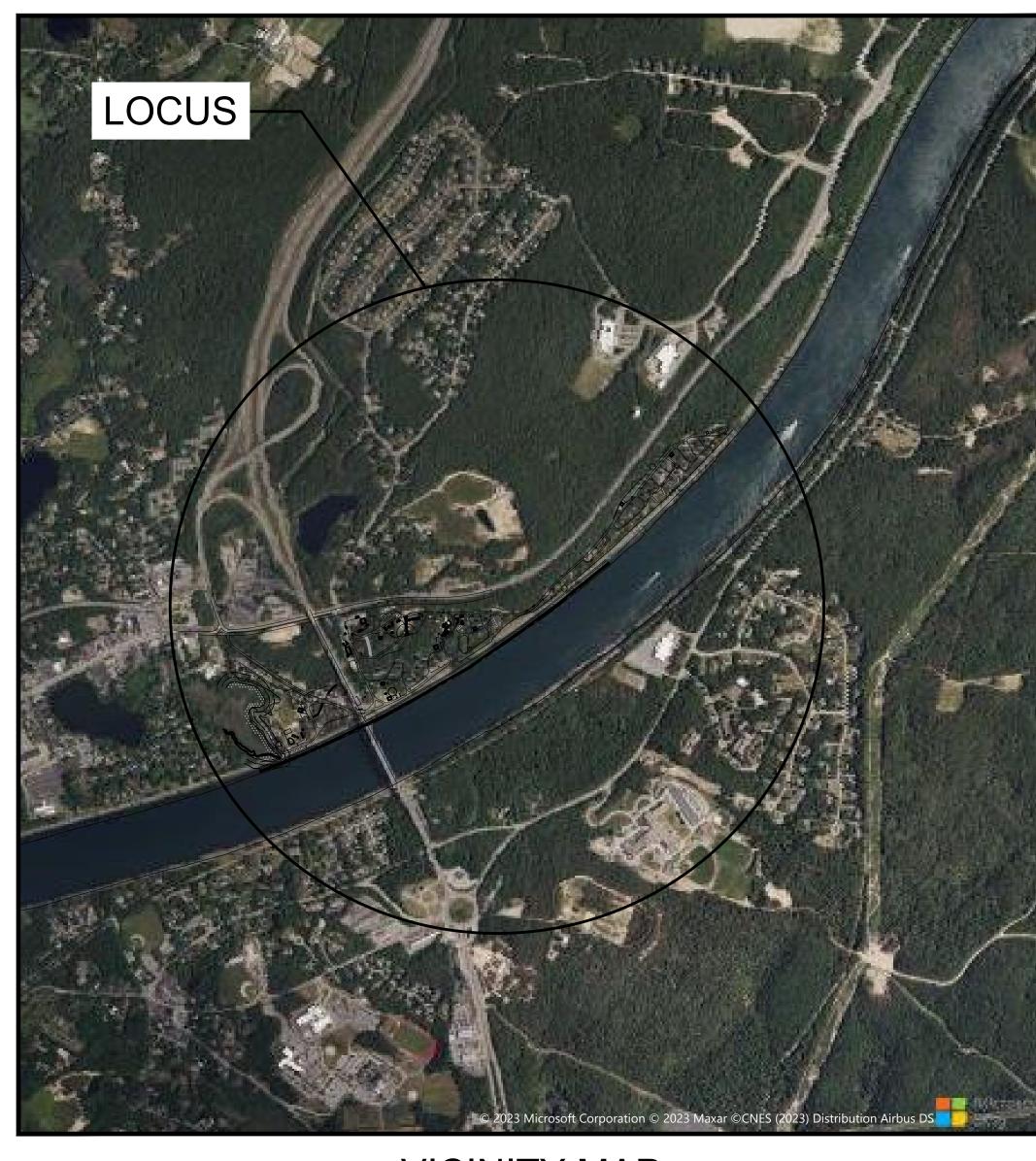
Signed: John Morrill		
Applicant's Name: John Morrill	Date: 7/5/2023	
DO NOT WRITE	E BELOW THIS LINE – OFFICE USE ONLY	
Total Fee Paid:		
Street Opening Permit	Valid Bond and Insurance	-
Approved	Not Approved	
Permit Number	Expires	
Signed:	Title:	
Date:		

Rev. August 2022 Page **6** of **6**

BOURNE SCENIC CAMPGROUND PHASED SEWER CONNECTION 370 SCENIC HIGHWAY BOURNE, MASSACHUSETTS AUGUST 2023







VICINITY MAP Graphic Scale 1-inch = 1000-feet

Sheet List Table			
Sheet Number	Sheet Title		
1	COVER		
2	GENERAL NOTES		
3	KEY PLAN		
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9	PLAN & PROFILE (6)		
10	LIFT STATION DETAILS		

GENERAL NOTES:

THIS PLAN SET IS FOR PERMITTING ONLY AND NOT FOR CONSTRUCTION.

LOT: 013

ADDRESS: 370 SCENIC HIGHWAY

3. THE PROPERTY IS LOCATED WITHIN F.I.R.M. ZONE AE (EL. 16.0 FEET) AS SHOWN ON COMMUNITY PANEI

NO.25001 C0314K DATED JULY 16, 2021

ZONING DISTRICT

4. THE PROPERTY IS NOT LOCATED IN A WATER RESOURCES PROTECTION DISTRICT. WETLANDS ARE PRESENT ON THE SITE.

> BOURNE SCENIC CAMPGROUND 370 SCENIC HIGHWAY BOURNE, MASSACHUSETTS

Bourne Recreation Authority 239 Main Street Buzzards Bay, MA (508) 759-0600 Ext.1505

Horsley Witten Group, Inc. Sustainable Environmental Solutions www.horsleywitten.com Headquarters 112 Water Street 6th Floor One Turks Head Place Suite 300 90 Route 6A Boston, MA 02109 Sandwich, MA 02563

(857) 263-8193 voice

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GENERAL CONSTRUCTION NOTES:

- ALL SITE WORK TO COMPLETE THIS PROJECT AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- IMMEDIATELY CONTACT AND COORDINATE WITH THE ENGINEER AND OWNER IF ANY DEVIATION OR ALTERATION OF THE WORK PROPOSED ON THESE DRAWINGS IS REQUIRED
- UTILIZE ALL PRECAUTIONS AND MEASURES TO ENSURE THE SAFETY OF THE PUBLIC, ALL PERSONNEL AND PROPERTY DURING CONSTRUCTION IN ACCORDANCE WITH OSHA STANDARDS, INCLUDING THE INSTALLATION OF TEMPORARY FENCING BARRICADES, SAFETY LIGHTING, CONES, POLICE DETAIL AND/OR FLAGMEN AS DETERMINED NECESSARY BY THE TOWN OF BREWSTER. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF POLICE DETAIL AND FOR COORDINATING WITH THE LOCAL OR STATE POLICE DEPARTMENT FOR ALL REQUIRED POLICE DETAIL.
- MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS. PAY ALL FEES INCLUDING POLICE DETAILS AND POST ALL BONDS, IF NECESSARY, ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE OWNER AND THE ENGINEER.
- ALL EXISTING CONDITIONS SHOWN ARE APPROXIMATE AND ARE BASED ON THE BEST INFORMATION AVAILABLE. PRIOR TO THE START CONSTRUCTION VERIEY THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLING ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.
- THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS INDICATED ON THE DRAWINGS ARE BASED ON RECORDS OF VARIOUS UTILITY COMPANIES, AND WHEREVER POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY IN THE TOWN OF BREWSTER, AND "DIGSAFE" (1-888-344-7233) AT LEAST THREE BUSINESS DAYS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR MUST RESOLVE CONFLICTS BETWEEN THE PROPOSED UTILITIES AND FIELD-LOCATED UTILITIES AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED, INCOMPLETELY OR INACCURATELY SHOWN. THE CONTRACTOR MUST MAINTAIN ACCURATE RECORDS OF THE LOCATION AND ELEVATION OF ALL WORK INSTALLED AND EXISTING UTILITIES FOUND DURING CONSTRUCTION FOR THE PREPARATION OF THE
- 7. COORDINATE AND MAKE ALL CONNECTION ARRANGEMENTS WITH UTILITY COMPANIES, AS REQUIRED.
- THE CONTRACTOR MUST MAINTAIN ALL EXISTING UTILITIES IN WORKING ORDER AND FREE FROM DAMAGE DURING THE ENTIRE DURATION OF THE PROJECT. REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ALL COST RELATED TO THE REPAIR OF UTILITIES. EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES MUST BE DONE BY HAND.
- COORDINATE ALL TRENCHING WORK WITHIN ROADWAYS WITH THE PROPER LOCAL & STATE AGENCY. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRENCH SAFETY INCLUDING ANY LOCAL AND/OR STATE PERMITS REQUIRED FOR THE TRENCH WORK. IF THIS WORK IS REQUIRED TO OCCUR OUTSIDE THE AGREED UPON HOURS OF OPERATION FOR THE FACILITY, THE CONTRACTOR MUST
- 10. SAWCUT ALL TRENCH WORK WITHIN EXISTING PAVEMENT AS INDICATED ON THE DRAWINGS. BACKFILL AND COMPACT TRENCH WORK AS INDICATED ON THE DRAWING AND IN THE SPECIFICATIONS. IF SETTLEMENT OCCURS DUE TO INADEQUATE COMPACTION, AS DETERMINED BY THE ENGINEER, WITHIN THE WARRANTY PERIOD, CONTRACTOR IS REQUIRED TO REMOVE, PATCH AND REPAVE AFTER ONE COMPLETE 12-MONTH CYCLE
- 11. IMPORT ONLY CLEAN MATERIAL. MATERIAL FROM AN EXISTING OR FORMER 21E SITE AS DEFINED BY THE MASSACHUSETTS CONTINGENCY PLAN 310 CMR 40.0000 WILL NOT BE ACCEPTED .
- 12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH AND MAINTAIN ALL CONTROL POINTS AND BENCHMARKS DURING CONSTRUCTION INCLUDING BENCHMARK LOCATIONS AND ELEVATIONS AT CRITICAL AREAS. COORDINATE WITH THE ENGINEER THE LOCATION OF ALL CONTROL POINTS AND BENCHMARKS.
- 13. SITE LAYOUT SURVEY REQUIRED FOR CONSTRUCTION MUST BE PROVIDED BY THE CONTRACTOR AND PERFORMED BY A MASSACHUSETTS' REGISTERED PROFESSIONAL LAND SURVEYOR. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE SURVEYOR FOR ALL SITE SURVEY WORK.
- 14. MAINTAIN ALL GRADE STAKES SET BY THE SURVEYOR. GRADE STAKES ARE TO REMAIN UNTIL A FINAL INSPECTION OF THE ITEM HAS BEEN COMPLETED BY THE ENGINEER. RE-STAKING OF PREVIOUSLY SURVEYED SITE FEATURES IS THE RESPONSIBILITY (INCLUDING COST) OF THE CONTRACTOR.
- 15. UNLESS OTHERWISE INDICATED ON THE DRAWINGS AND/OR IN THE SPECIFICATIONS, ALL SITE CONSTRUCTION MATERIALS AND METHODOLOGIES ARE TO CONFORM TO THE MOST RECENT VERSION OF THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FOR HIGHWAY AND BRIDGES 2020 EDITION, AND THE SUPPLEMENTAL SPECIFICATIONS DATED JUNE 30, 2020).
- 16. PROVIDE ALL CONSTRUCTION SERVICE IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING NOISE, VIBRATION, DUST, SEDIMENTATION CONTAINMENT, AND TRENCH WORK.
- 17. COLLECT SOLID WASTES AND STORE IN A SECURED DUMPSTER. THE DUMPSTER MUST MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS.
- 18. RESTORE ALL SURFACES EQUAL TO THEIR ORIGINAL CONDITION AFTER CONSTRUCTION IS COMPLETE PER SPECIFICATIONS. LEAVE ALL AREAS NOT DISTURBED BY CONSTRUCTION IN THEIR NATURAL STATE. TAKE CARE TO PREVENT DAMAGE TO SHRUBS, TREES, OTHER LANDSCAPING AND/OR NATURAL FEATURES. WHEREAS THE PLANS DO NOT SHOW ALL LANDSCAPE FEATURES. EXISTING CONDITIONS MUST BE VERIFIED BY THE CONTRACTOR IN ADVANCE OF THE WORK.
- 19. CONSTRUCT ALL WHEELCHAIR RAMPS IN ACCORDANCE WITH MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS AND CONSTRUCTION AND TRAFFIC STANDARD DETAILS DRAWING NUMBER 107.1.0 AND 107.2.0. CONSTRUCT RAMPS WITH AN 8% MA SLOPE AND 2% CROSS SLOPE.
- 20. PROVIDE A UNIT PRICE COST IN CUBIC YARD MEASURE FOR LEDGE AND/OR BOULDER REMOVAL. LEDGE AND/OR BOULDERS LESS THAN 1 CUBIC YARD IN SIZE BASED ON THE AVERAGE DIMENSIONS WILL NOT BE CONSIDERED PAYABLE ROCK. PROVIDE UNIT PRICES FOR BOTH ON AND OFF SITE DISPOSAL. IF ADDITIONAL FILL MATERIAL IS REQUIRED INCLUDE THE COST OF ALL FILL MATERIAL.
- 21. REGULARLY INSPECT THE PERIMETER OF THE PROPERTY TO CLEAN UP AND REMOVE LOOSE CONSTRUCTION DEBRIS BEFORE IT LEAVES THE SITE. PROMPTLY REMOVE ALL DEMOLITION DEBRIS FROM THE SITE TO AN APPROVED DUMP SITE.
- 22. ALL TRUCKS LEAVING THE SITE MUST BE COVERED.
- 23. DO NOT WASH ANY CONCRETE TRUCKS ONSITE. REMOVE BY HAND ANY CEMENT OR CONCRETE DEBRIS LEFT IN THE DISTURBED
- 24. BURIAL OF ANY STUMPS, SOLID DEBRIS, AND/OR STONES/BOULDERS ONSITE IS PROHIBITED. DO NOT USE ROAD SALT OR OTHER DE-ICING CHEMICALS ON THE ACCESS ROADWAY.
- 25. AT THE END OF CONSTRUCTION, REMOVE ALL CONSTRUCTION DEBRIS AND SURPLUS MATERIALS FROM THE SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS. PERFORM A THOROUGH INSPECTION OF THE WORK PERIMETER. COLLECT AND REMOVE ALL MATERIALS AND BLOWN OR WATER CARRIED DEBRIS FROM THE SITE.

BASIC CONSTRUCTION SEQUENCE

THE FOLLOWING CONSTRUCTION SEQUENCE IS TO BE USED AS A GENERAL GUIDELINE. COORDINATE WITH THE OWNER AND, ENGINEER AND SUBMIT A PROPOSED CONSTRUCTION SEQUENCE FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION

- 1. SURVEY AND STAKE THE PROPOSED LIMIT OF WORK AND LIMIT OF SEDIMENTATION BARRIERS.
- 2. PLACE SEDIMENTATION BARRIERS (STRAWBALES, SILT FENCE, ETC.) AS INDICATED ON DRAWINGS AND STAKED OUT IN THE FIELD. UNDER NO CIRCUMSTANCES IS THE LIMIT OF WORK TO EXTEND BEYOND THE SEDIMENTATION BARRIERS/LIMIT OF DISTURBANCE.
- INSTALL TEMPORARY CONSTRUCTION ENTRANCES AND LOCATE STAGING AREAS IN LOCATIONS INDICATED ON DRAWINGS. NO OTHER ENTRANCES ARE TO BE USED TO GAIN ACCESS TO THE SITE BY ANY CONSTRUCTION OR DELIVERY VEHICLES.
- 4. BEGIN CLEARING THE SITE AS REQUIRED.
- PRIOR TO GRAVITY SEWER INSTALLATION, PERFORM EXPLORATORY EXCAVATIONS AT ALL DRAINAGE AND UTILITY CROSSINGS TO VERIFY EXISTING ELEVATIONS AND CONFIRM ALL SEWER INVERT ELEVATIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- 6. INSTALL GRAVITY SEWER MAIN AND SERVICE LATERALS. STUB LATERALS OUTSIDE PAVEMENT AREA WHERE APPLICABLE. ALL EXISTING SEPTIC SYSTEMS ARE TO REMAIN IN USE UNTIL THE LIFT STATION HAS BEEN COMMISSIONED.
- INSTALL AND TEST ALL LIFT STATION EQUIPMENT. TESTING TO BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND TOWN
- 8. CONNECT SEWER SERVICE STUBS TO BUILDING EXISTING SERVICES AS APPLICABLE.
- 9. ABANDON ALL EXISTING SEPTIC COMPONENTS INCLUDING TANKS, DISTRIBUTION BOXES AND LEACHING PITS.
- 10. PERMANENTLY SEED ALL DISTURBED AREAS OUTSIDE OF THE AREA TO BE PAVED.
- UPON COMPLETION OF UNDERGROUND SEWER INSTALLATION, PLACE COMPACTED GRAVEL FOUNDATION AND ROUGH GRADE THE ROADWAYS/PARKING AREAS IN ACCORDANCE WITH THE SITE PLANS AND IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL REGULATIONS AS SOON AS POSSIBLE.
- 12. BEGIN ROAD AND PARKING CONSTRUCTION PER SITE PLANS AND IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL REGULATIONS. ROADS AND PARKING AREAS ARE NOT TO BE PAVED UNTIL THE ENTIRE PERMANENT SEWER COLLECTION SYSTEM HAS BEEN INSTALLED AND TESTED AND ALL PIPE CONNECTIONS COMPLETE.
- 13. FINISH PERMANENT STABILIZATION. SWEEP THE ROADWAY TO REMOVE ALL SEDIMENTS. CLEAN AND FLUSH THE SEWER STRUCTURES AND PIPES AT THE END OF CONSTRUCTION AND REMOVE ALL ACCUMULATED SEDIMENTS . CONTRACTOR MUST INSPECT THE SEWER SYSTEM AND REPAIR ANY DAMAGE IMMEDIATELY.
- 14. COMPLETE ALL REMAINING PLANTING AND SEEDING.
- 15. ENGINEER TO APPROVE THE REMOVAL OF ALL TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES FOLLOWING VEGETATIVE ESTABLISHMENT OF ALL DISTURBED AREAS AND DETERMINE WHEN THE CONTRIBUTING AREA HAS REACHED A MINIMUM OF 80% STABILIZATION.

WATER & SEWER INSTALLATION NOTES

UTILITY TYPE	MIN. COVER OVER TOP OF PIPE	MIN, HORIZONTAL DISTANCE TO DRAIN STRUCTURE
	101 01 1112	TO BIV III OTTOGRALE
SANITARY FORCEMAIN	5'	3'
GRAVITY SEWER	4'	2'
WATER MAIN	5'	2'

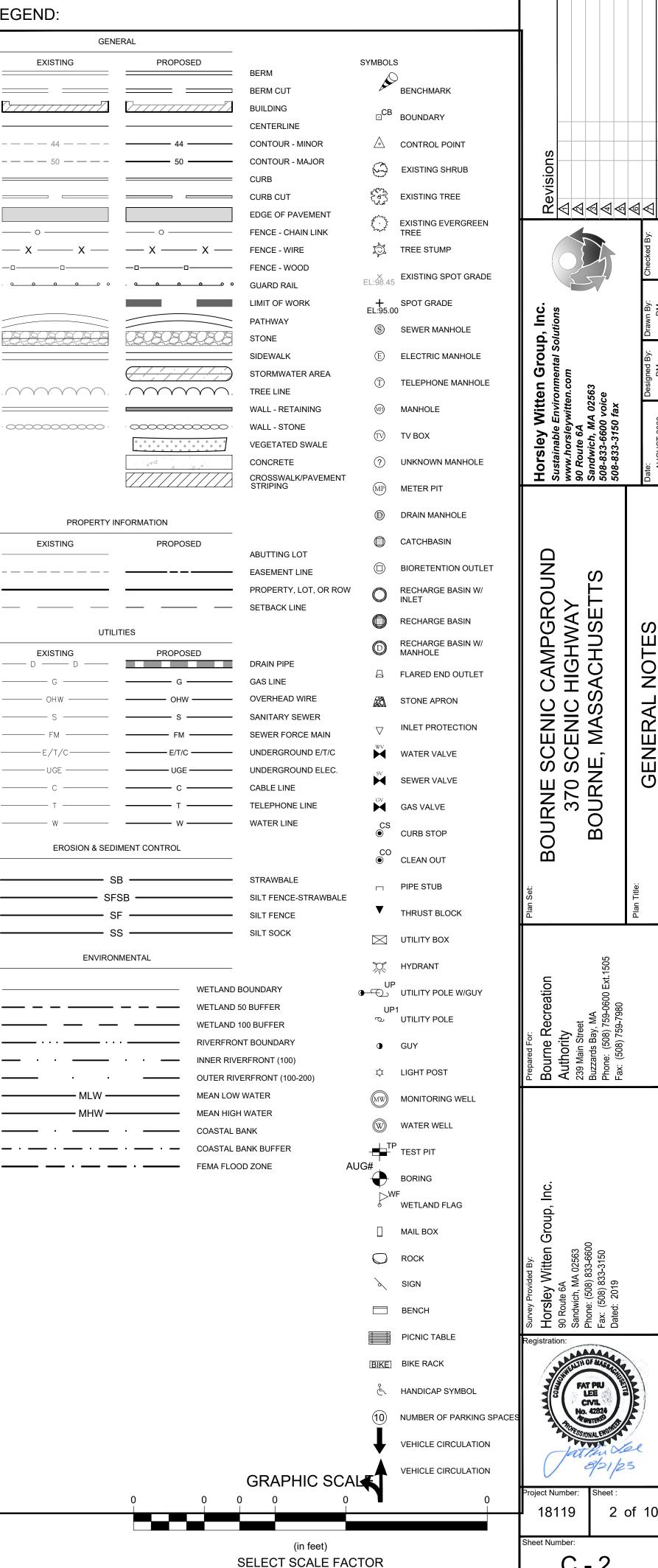
INSTALL SEWER AND WATER MAINS ACCORDING TO THE FOLLOWING GLIDELINES TO PREVENT EREEZING OF THE MAIN OR SEWER!

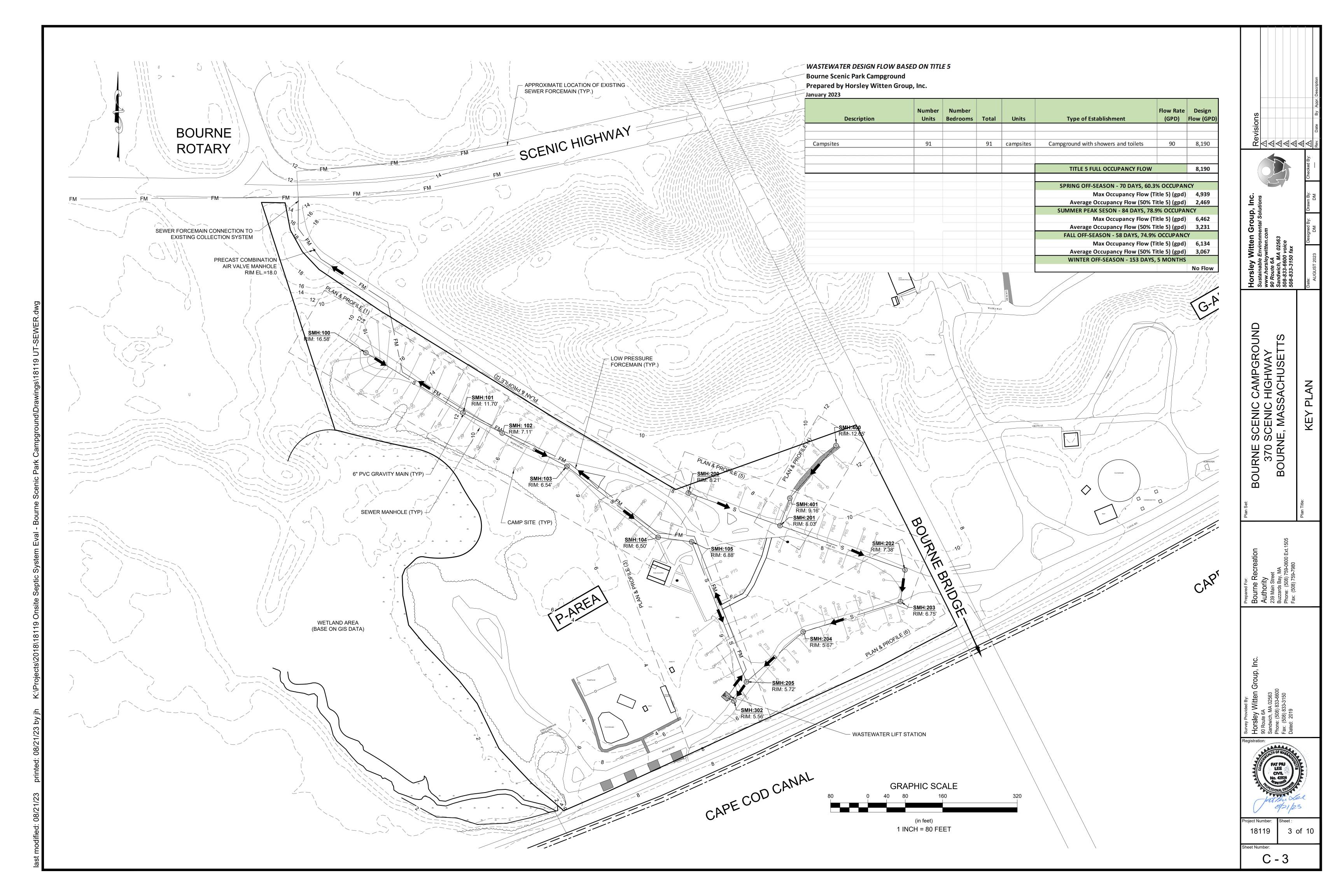
- INSULATE SANITARY FORCE MAINS, WATER MAINS, HYDRANT PIPING AND DEAD END WATER LINES WHERE SOIL COVER OR HORIZONTAL SEPARATION TO PRECAST STRUCTURES IS LESS THAN THE DISTANCE SPECIFIED ABOVE AND/OR WHERE SHOWN ON PLANS.
- INSULATION: 2" THICK POLYURETHANE INSULATION WITH PVC JACKET PLACED AROUND PIPE OR DESIGNER APPROVED EQUAL.
- WATER AND SEWER SEPARATION IS TYPICALLY 10-FEET MINIMUM HORIZONTAL AND 18-INCHES VERTICAL WITH SEWER MAINS BELOW THE WATER MAINS (SEE DETAIL). IF SITE CONDITIONS REQUIRE LESS, THEN INSTALL UTILITIES AS INDICATED ON DETAILS.

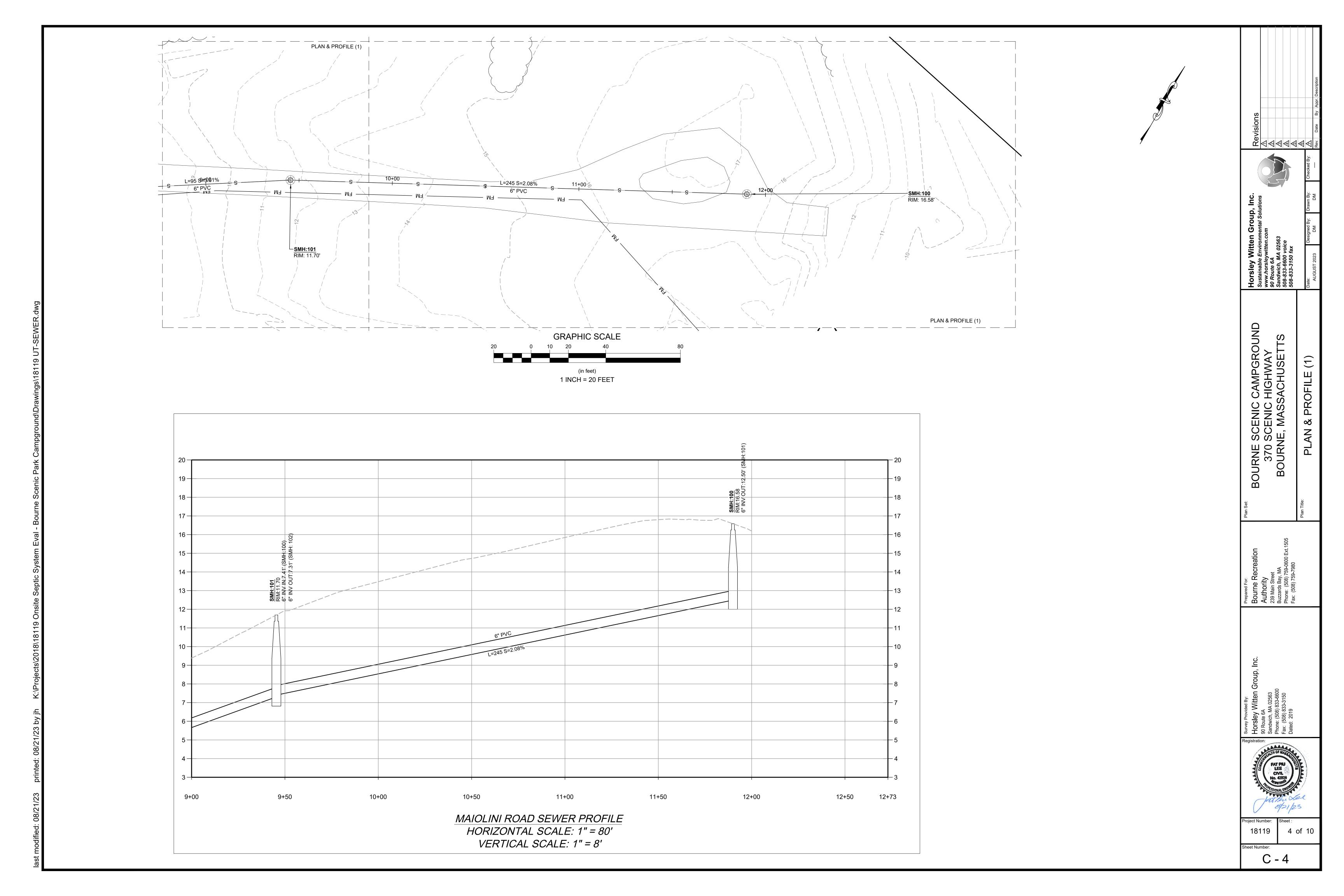
SEWER SYSTEM OPERATION & MAINTENANCE:

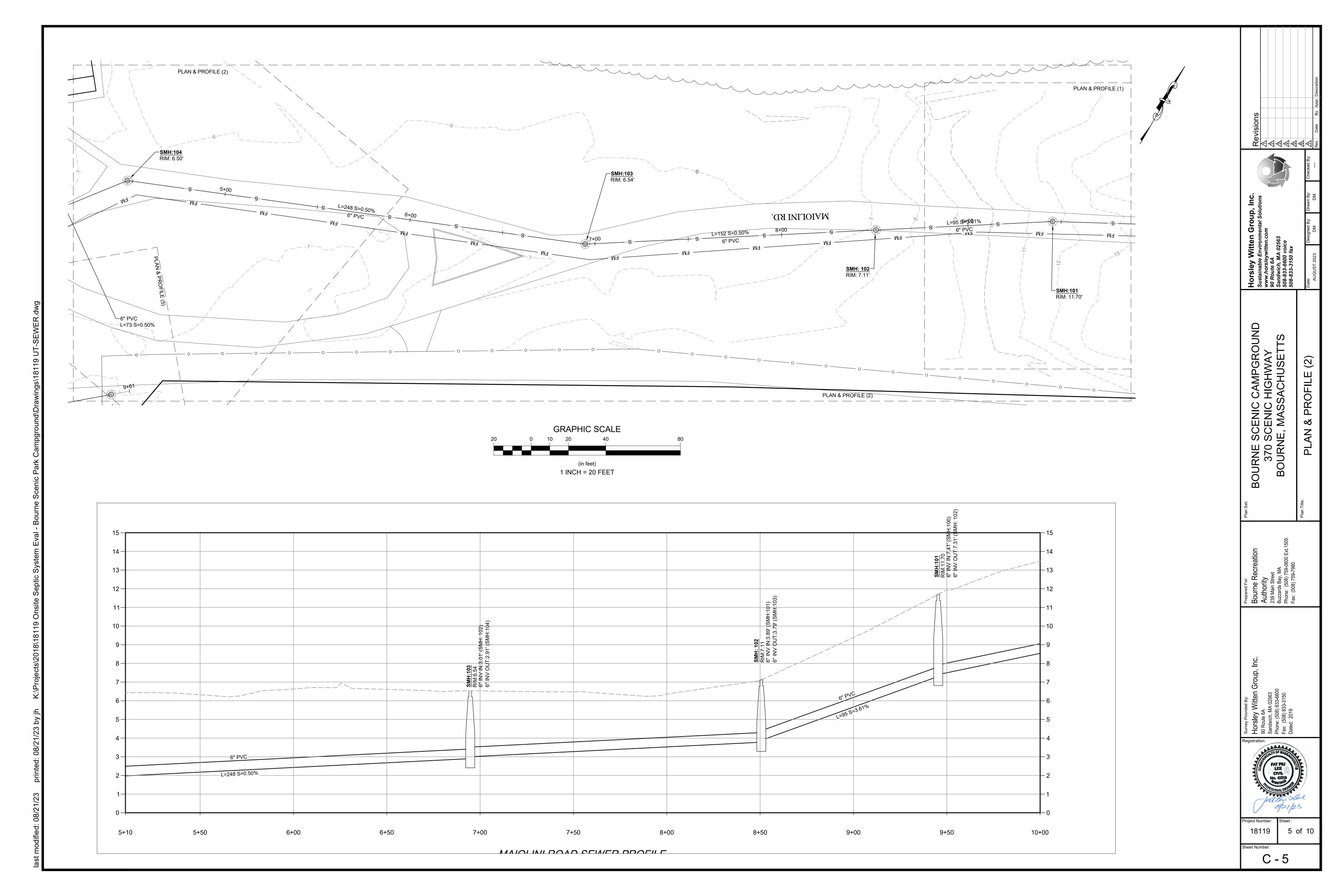
- CLEAN ALL NEWLY INSTALLED FACILITIES, INCLUDING SEWER COLLECTION SYSTEM OF ALL FOREIGN MATERIALS SUCH AS DIRT AND MISCELLANEOUS DEBRIS PRIOR TO SYSTEM TESTING. TESTING MUST BE WITNESSED AND INSPECTED BY THE ENGINEER. NO TESTING IS ALLOWED WITHOUT REMOVAL OF ALL FOREIGN MATERIALS.
- CONDUCT A LEAKAGE TEST OF ALL SEWER MAINS. TEST MUST BE WITNESSED BY THE ENGINEER. THE CONTRACTOR MUST PROVIDE THE ENGINEER WITH A MINIMUM OF 48-HOURS ADVANCE NOTICE TO THE TIME OF THE PRESSURE TEST.
- TEST SEWER PIPES FOR LEAKAGE WITH THE FOLLOWING PROCEDURE. INTRODUCE LOW PRESSURE AIR INTO THE SEAL LINE (WITH PNEUMATIC PLUGS) UNTIL THE INTERNAL AIR PRESSURE REACHES 4 psi GREATER THAN THE AVERAGE BACK PRESSURE OF ANY GROUNDWATER THAT MAY BE OVER THE PIPE. ALLOW AT LEAST 2 MINUTES FOR AIR PRESSURE TO STABILIZE. AFTER THE STABILIZATION PERIOD (3.5 psi MINIMUM PRESSURE IN THE PIPE), THE PORTION OF PIPE TESTED IS ACCEPTABLE IF THE TIME REQUIRED IN MINUTES FOR THE PRESSURE TO DECREASE FROM 3.5 TO 3 psi IS NOT LESS THAN 1.90 TIMES THE
- 4. VACUUM TEST ALL SEWER MANHOLES. TESTS MUST BE WITNESSED BY THE ENGINEER UNLESS THE SEASONAL GROUNDWATER LEVEL IS MORE THAN 10 FEET FROM THE BOTTOM OF THE MANHOLE.
- MANDREL TEST ALL SEWER MAINS AFTER 30 DAYS. TESTS MUST BE WITNESSED BY A TOWN REPRESENTATIVE OR THE ENGINEER.

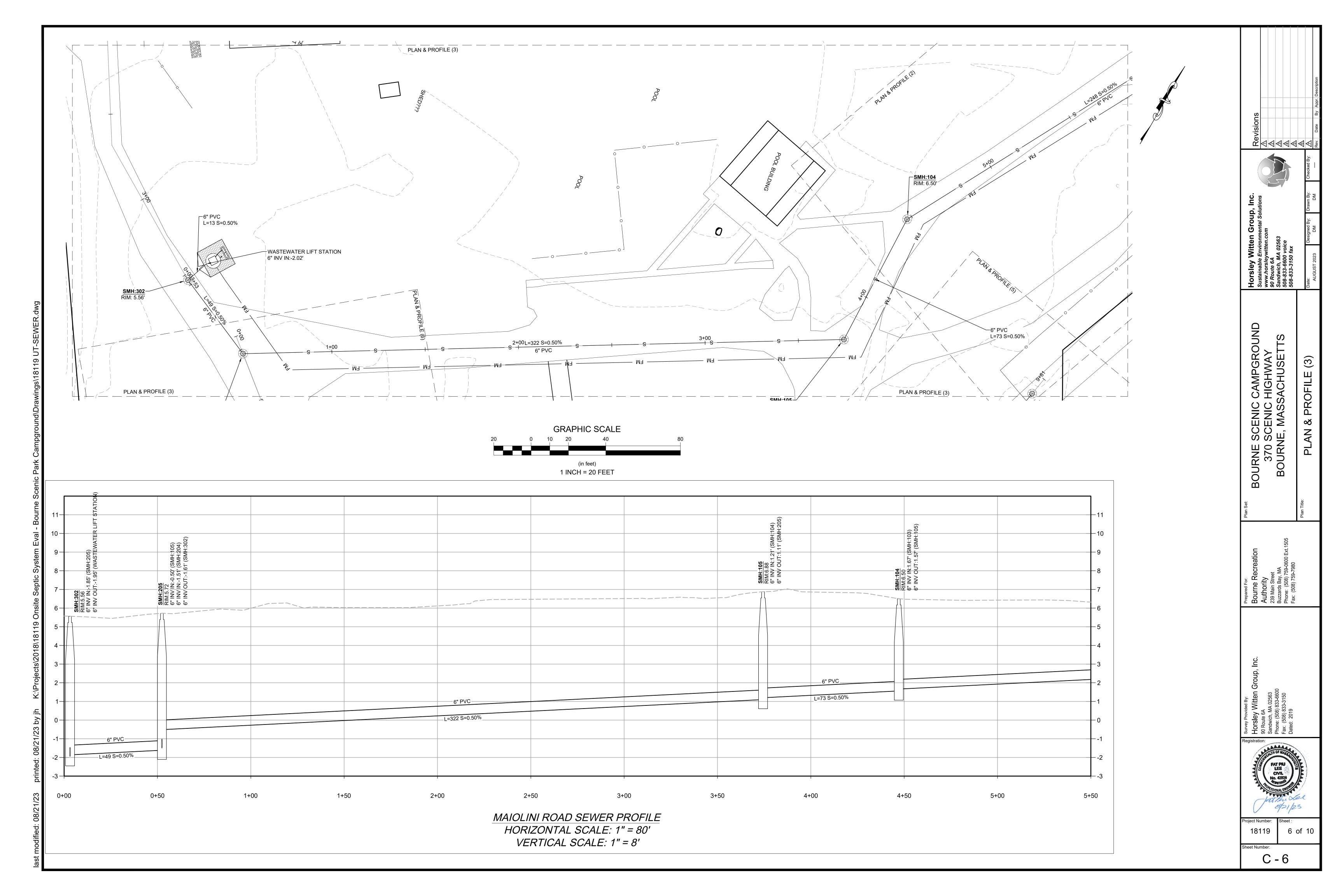
LEGEND:

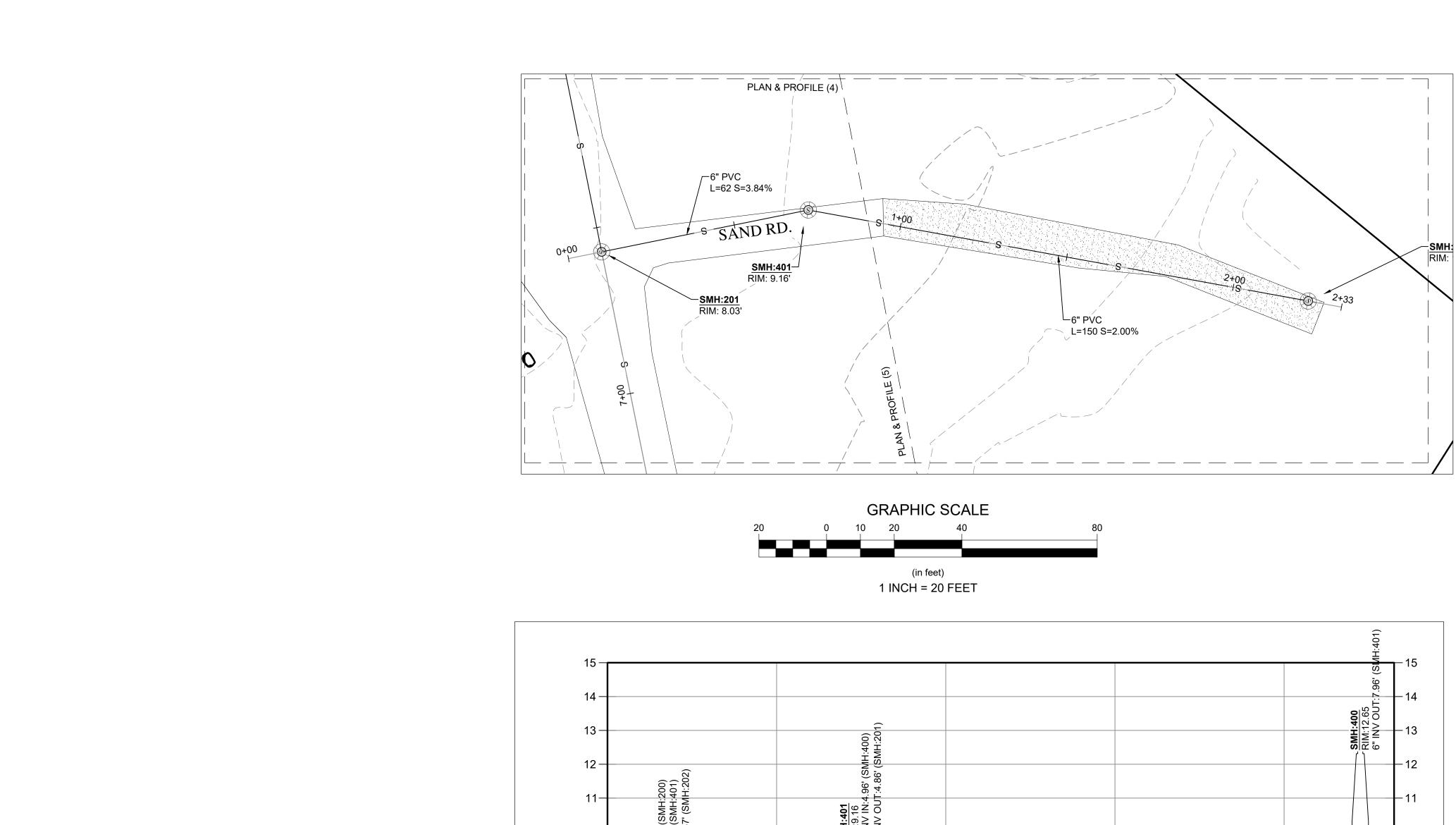


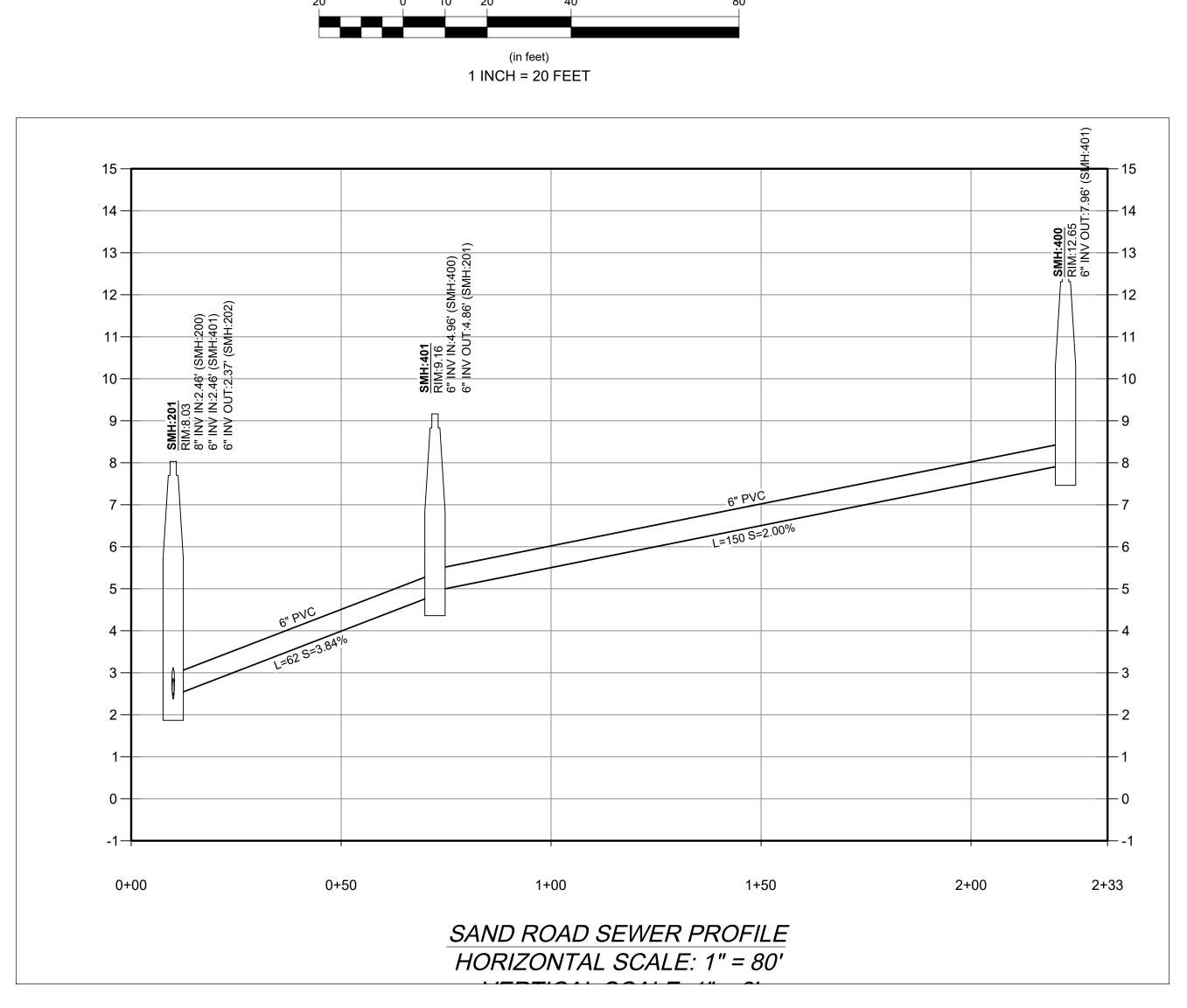


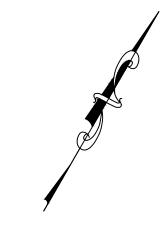






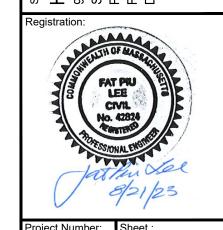




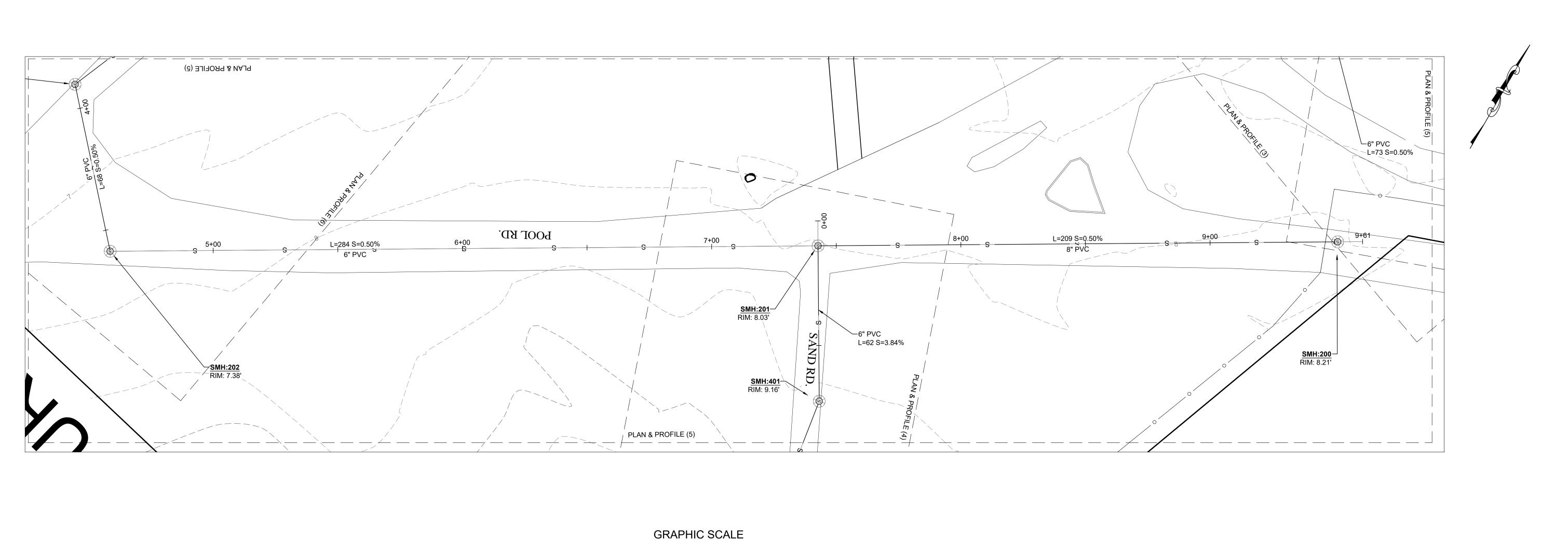


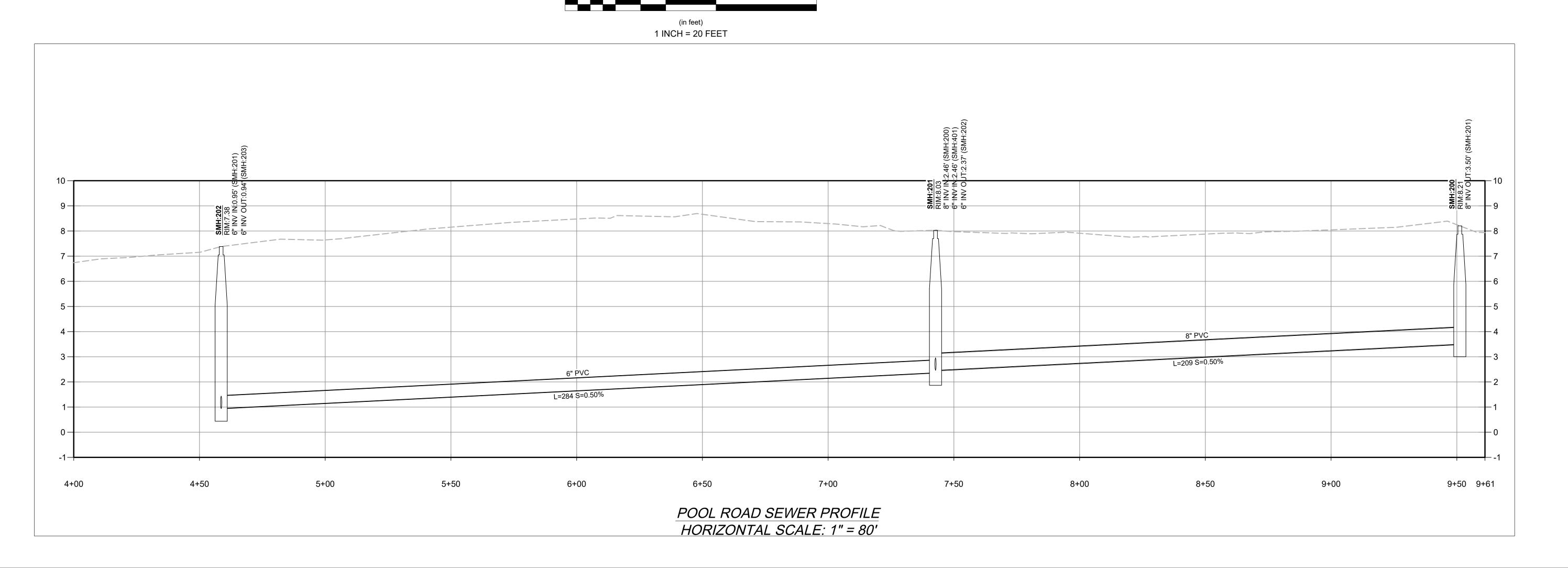
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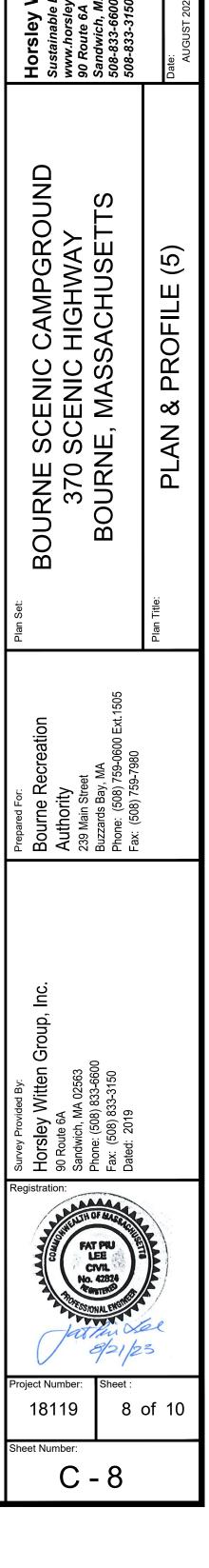
BOURNE SCENIC CAMPGROUND 370 SCENIC HIGHWAY BOURNE, MASSACHUSETTS



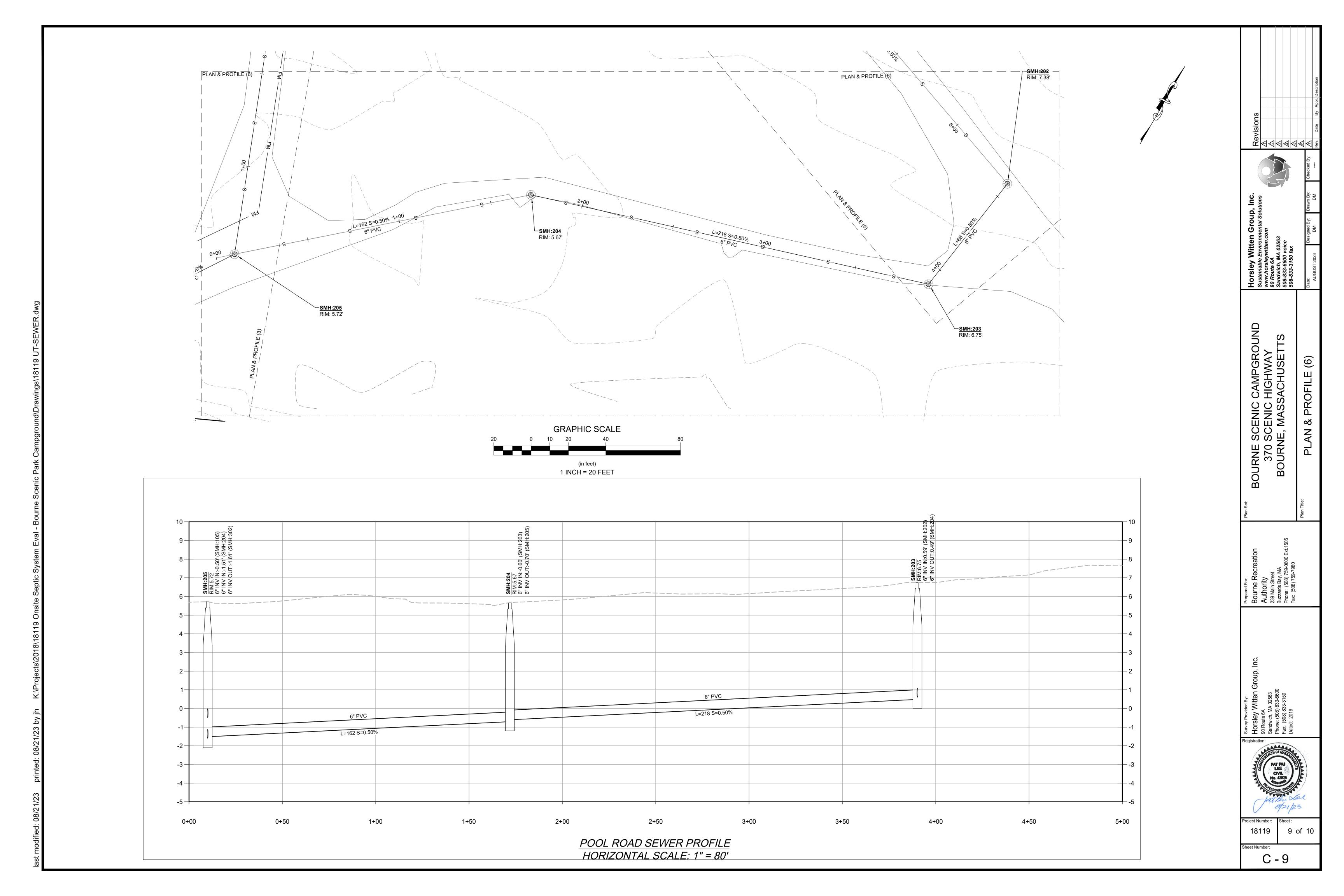
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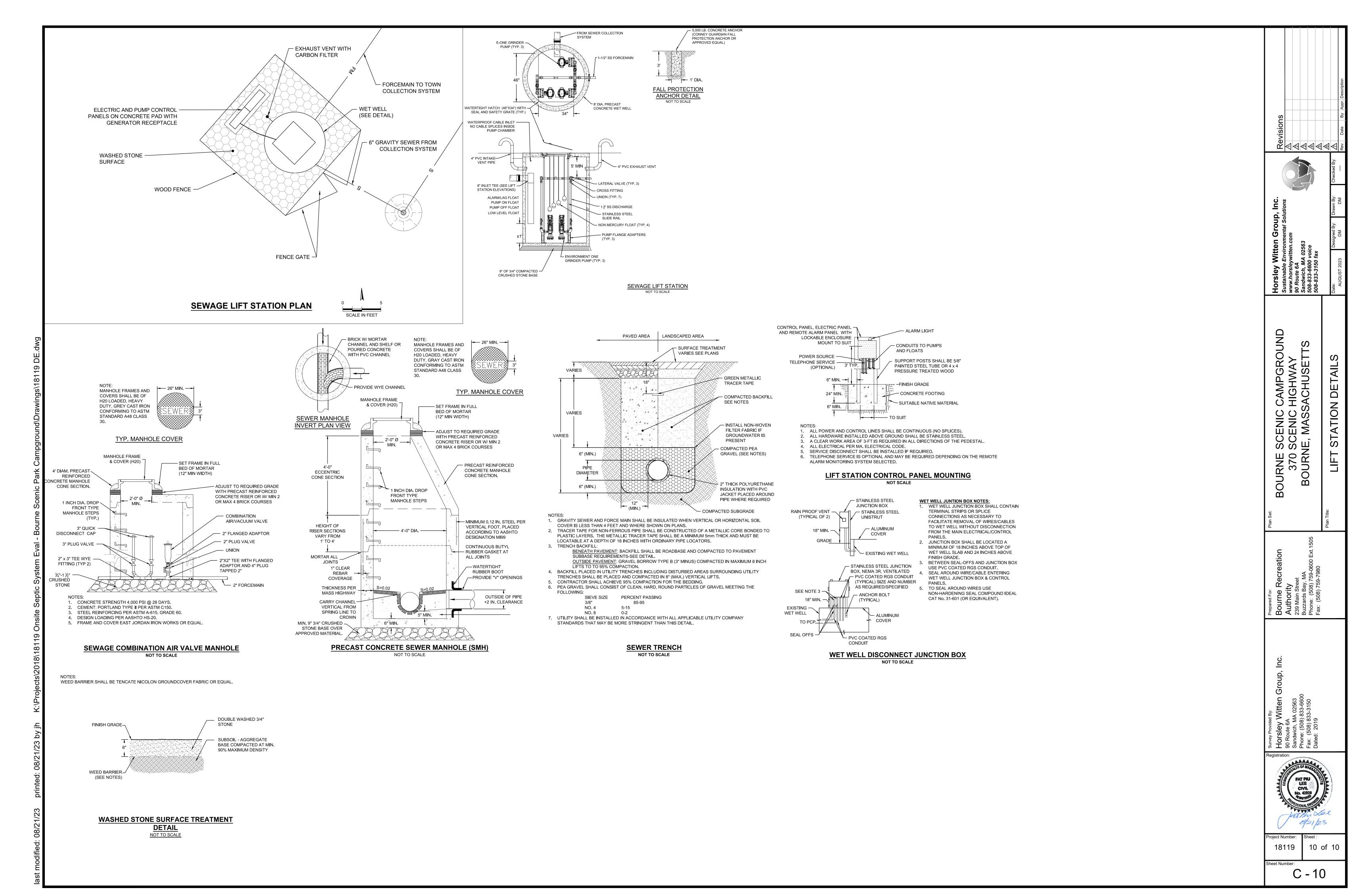






X4444444





Maria Simone

> Subject: 343 Scenic Hwy

From: Terri Guarino Sent: Wednesday, August 9, 2023 10:34 AM Maria Simone; Timothy Lydon; Thomas Parrott To: Cc: Marlene McCollem **Subject:** Fwd: Dunkin: 343 Scenic Hwy Good morning, Sharing the contacts and report below from this month's sewer issue. -Terri > From: Tiffany Jedrey [tjedrey@coutomanagement.com] > Sent: Tuesday, August 08, 2023 6:22 PM > To: Health > Cc: Tiffany Jedrey > Subject: Dunkin: 343 Scenic Hwy > Hi Terri, > Thank you so much for reaching back out. I have the work summary from the contractor (PureFlo) to our maintenance department below for the service that was completed at the Dunkin 343 Scenic Highway, Buzzards Bay. > I apologize for the delay in getting this right over to you but wanted to make sure you had it even though we are good to go now! > I'd like to add that I oversee all the Dunkin locations in Bourne, so please don't hesitate to reach out should there ever be a need. > Hope you are having a great week! > Tiffany > > Tiffany Jedrey > Couto Management Group LLC > M: 508.801.7007 > E: Tjedrey@coutomanagement.com > > > From: Al Lincoln <apureflollc@gmail.com> > Date: August 4, 2023 at 1:55:35 PM EDT > To: Derek Goncalo

>
>
> Hi Derek,
> I wanted to share our findings and what we did to fix the problem at your 343 Scenic Hwy in Bourne location on 8/1/23.
>
> We found that both your sewer pumps were not running. One pump had been bound and the other pump had a bad float. We pulled both pumps and cleared pump one and pump two was clear. We had to replace the float on pump two. We also cleaned the tank when we were there. The system is running the way it should now. Please let me know if you or the Board Of Health has any questions or concerns.
>
> Thank you.
>
> Al Lincoln
> PureFlo LLC
> 149 Thomas Street
> Middleboro, MA 02346
> 508.328.8281
> [https://ci3.googleusercontent.com/mail-sig/AlorK4w8TbdLvQbszNQWI0tRpw2b5O1bEW-
oLa5HvX0BgXAeLkrOLYwnFF7A6laDY4Z6LmjsNwhKgrc]
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Maria Simone

From: Ryan Greenway < RGreenway@BETA-Inc.com>
Sent: Wednesday, August 16, 2023 3:49 PM

To: Marlene McCollem

Cc: Matthew Quinn; Timothy Lydon; James Dyment

Subject: RE: Bourne manholes

Hi Marlene,

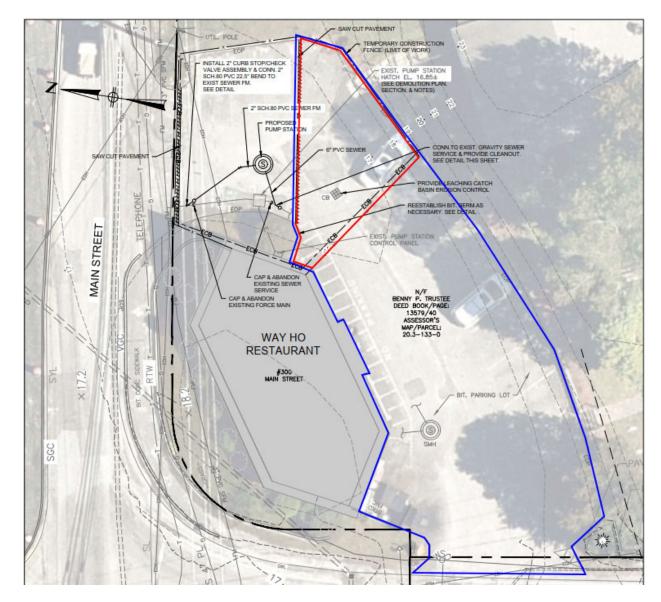
The pump station controls supplier is still working out some bugs. This has taken much longer than it should have. The manufacturer has gotten involved, and they are working with Tommy as well as the contractor and keeping us updated. We would like to sit with you and Matt to discuss final project closeout. Please let me know your availability the week of August 28th. We are flexible Wednesday through Friday of that week. I'm on vacation next week.

Regarding closeout, the following items remain:

- 1. Change orders We have rejected a change order request for approximately \$6k for the contractor installing a 3rd conduit at both Way Ho and Taylor Point which was not required by electric code. They did this work on their own and tried to submit a change order request after the fact.
- 2. The surface course pavement for Way Ho was completed today (8/16) for the area that was disturbed during the project. The base course pavement was given some time to settle prior to installing the surface course. This same area has to be re-striped but we are going to wait for a good rain event to wash away any oil residue from the paving process before striping the lot to be sure that the striping adheres properly. When the contractor was on site today the owner of Way Ho was a little worked up cause he thought the whole lot was to be restriped but that was not included in the Way Ho additional paving change order #3 which only included restriping for the paved area and the additional change order area (see option #1 which is the red polygon area in screenshot below). The blue area was option #2 was declined due to cost.
- 3. The contractor has to submit Operation and Maintenance Manuals for both stations.
- 4. The contractor has to re-seed/overseed at Taylor Point as most of the hydroseed did not take and weeds grew in.
- 5. The manufacturer and Tommy were on-site at Taylor Point yesterday as well as today (today the contractor was on-site as well) working to diagnose the issue with the station alarming and coming out of transducer control into float control. They are also replacing the high and low floats.
- 6. The low floats will also be tied into the call out system to alarm on low water levels to protect the pumps.
- 7. We want the contractor to test to make sure all the alarms and callouts are functioning properly once the issues are worked out.
- 8. BETA is going to supply the town with a laminated paper listing the setpoints for each station once everything is rectified and they are dialed in to store in the control panels for reference.

If you have any questions just let me know.

Thanks Ryan



Ryan Greenway, PE

Project Manager

BETA Group, Inc. | 401.333.2382

Build your future at BETA. Apply now!

From: Marlene McCollem <mmccollem@townofbourne.com>

Sent: Wednesday, August 16, 2023 2:17 PM **To:** Ryan Greenway < RGreenway@BETA-Inc.com>

Cc: Matthew Quinn < MQuinn@townofbourne.com>; Timothy Lydon < TLydon@townofbourne.com>

Subject: RE: Bourne manholes

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hover over any links before clicking them and forward questionable emails to IT if you are unsure. Forward spam to spam@appriver.com

Hi Ryan:

Can you please let me know where we stand with this project? Is it done and closed out? Have all the bugs been worked out?

Thanks, Marlene

From: Ryan Greenway [mailto:RGreenway@BETA-Inc.com]

Sent: Friday, August 4, 2023 11:09 AM

To: Marlene McCollem < mmccollem@townofbourne.com >

Cc: Matthew Quinn < MQuinn@townofbourne.com >; Timothy Lydon < TLydon@townofbourne.com >

Subject: RE: Bourne manholes

Hi Marlene,

I got a little tied up this week. I will touch base with you on Monday. Have a good weekend.

Thanks, Ryan

Ryan Greenway, PE

Project Manager

BETA Group, Inc. | 401.333.2382

Build your future at BETA. Apply now!

From: Ryan Greenway

Sent: Monday, July 31, 2023 4:52 PM

To: Marlene McCollem < mmccollem@townofbourne.com >

Cc: Matthew Quinn < MQuinn@townofbourne.com>; Timothy Lydon < TLydon@townofbourne.com>

Subject: RE: Bourne manholes

Hi Marlene,

Let me review internally and get back to you later on this week so I can provide you with an in-depth update on the project.

Thanks,

Ryan

Ryan Greenway, PE

Project Manager

BETA Group, Inc. | 401.333.2382

Build your future at BETA. Apply now!

From: Marlene McCollem <mmccollem@townofbourne.com>

Sent: Friday, July 28, 2023 4:26 PM

To: Ryan Greenway < RGreenway@BETA-Inc.com >

Cc: Matthew Quinn < <u>MQuinn@townofbourne.com</u>>; Timothy Lydon < <u>TLydon@townofbourne.com</u>>

Subject: Bourne manholes

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. Hover over any links before clicking them and forward questionable emails to IT if you are unsure. Forward spam to spam@appriver.com

Hi Ryan:

Next week, when you have a chance, can you give me a brief update on the manhole project? Both the operations and budget? It's my understanding that Taylor's Point is not completely dialed in yet & is still alarming frequently?

Thank you, Marlene

Marlene McCollem **Town Administrator** Town of Bourne

spam.

24 Perry Avenue Bourne, MA 02532 O: 508.759.0600 x 1308 C: 774.722.4662 mmccollem@townofbourne.com Confidentiality Notice: This email message (and any attachments) contains information from BETA Group, Inc. that is confidential. If you are not the intended recipient(s), you may not disclose, copy, distribute, rely upon, or use its contents. Please reply to the sender immediately and delete this message. Thank you for your cooperation. This email has been scanned for spam and viruses by Proofpoint Essentials. Click here to report this email as spam. Links contained in this email have been replaced. If you click on a link in the email above, the link will be analyzed for known threats. If a known threat is found, you will not be able to proceed to the destination. If suspicious content is detected, you will see a warning. Confidentiality Notice: This email message (and any attachments) contains information from BETA Group, Inc. that is confidential. If you are not the intended recipient(s), you may not disclose, copy, distribute, rely upon, or use its contents. Please reply to the sender immediately and delete this message. Thank you for your cooperation This email has been scanned for spam and viruses by Proofpoint Essentials. Click here to report this email as

Maria Simone

From: Timothy Lydon

Sent: Thursday, August 3, 2023 3:46 PM

To: Ken Murphy; Terri Guarino

Cc: Marlene McCollem; Thomas Parrott

Subject: Way Ho - Grease trap issues

Attachments: IMG_1821.jpg

Hi folks,

Coming off the heels of inspecting the pump chamber at Way Ho myself, Tommy was correct that evidence of grease is already causing issues. We are seeing caked chains and cables as well as evidence of grease in the liquid.

Per <u>Section D7 of our Sewer Regulations</u> the Town needs to review the internal grease trap and the O&M procedures at Way Ho. We need to make sure the owner is on a schedule and disposing of the grease properly. I will be completing a FOG Management Plan soon but we need to enforce this regulation now. There is plenty to go by in this grease trap section. Can we schedule an inspection of the internal grease trap as soon as possible?

Thank you,

Timothy Lydon, SIT, CFM
Town of Bourne
Engineering Department
508-759-0600 x1345
tlydon@townofbourne.com



TOWN OF BOURNE 24 Perry Avenue Buzzards Bay, MA 02532 www.townofbourne.com Phone (508) 759-0600



Inspection Report

Date/ Time: 1309-	Establishment Name:	Address:
8 23 2023	Way Ho	300 Main St., Buzzards Bay
Inspector: J. Guarino,	Person In Charge:	Inspection Type: /
o. Wills, M. Quinn	Benny Chu	Routine follow-up DW initial referral

Regulation Reference	Compliance (YES/ NO/ NA)	Description of Regulation & Observations	Time to be corrected
§D-12	No	General design and Construction standards in conformance with Bourne Board of Sewer Commissioners Interim Sewer Use Regulations. Number of seats observed Accessibility for inspection No grease trap cover Vecentury pures over Grease Trap/ Interceptor Fats, Oils, and Grease (FOG) maintenance plan on	Refer to BOSC
§6.2.3	No	Grease Trap/ Interceptor Fats, Oils, and Grease (FOG) maintenance plan on premises.	
§D-7.6	No	Signage posted with educational material (fact sheet, maintenance requirements, etc.) in the vicinity of the grease trap and/ or interceptor.	
§D-7.7 §10.1.6	No	Service records maintained for monthly inspections for an internal grease trap. Must be checked every 30 Days, to clean eo according to manufacturered Specific records maintained for repairs, maintenance, cleaning, and septage	5. 24 5. Hrs
§D-7.7 §10.1.6	No	Service records maintained for repairs, maintenance, cleaning, and septage hauling for an internal grease trap.	7160
§D-7.7 §10.1.6	N0	Service records maintained for monthly inspections for an external grease trap/interceptor. Acquired 3 invoices from cuner: Service records maintained for repairs, maintenance, cleaning, and septage	2.35
§D-7.7 §10.1.6	No	Service records maintained for repairs, maintenance, cleaning, and septage hauling for an external grease trap/ interceptor. Need monthly inspections + cleaning in 24 hrs.	24 HRS
§D-8	NO	Conformance with wastewater discharge prohibitions and restrictions. Plastic in grinder pump: comb, Bottle caps	,
§D-8	Yes	Stormwater systems separated from wastewater connections.	
		Other: pumpout of external grease trap necoled by licensed hanler. Bott Agent to witness + evaluate outlet side + tees.	- 24 HRS.

Person In Charge Signature:	Na	Print Na	me: Bown	CHI	
Inspector Signature: 1,00	arinis	(ate: 82	3 2023
	Terri Gi	ARING RS, CH	to Health	Agent	

Smith's Cesspool Service LLC

West Wareham, MA 508-295-4356

Smith's Cesspool Service LLC 68 Whitsbourgh Street Taunton, MA 02780 508-295-4356 Invoice 57643630
Invoice Date 2/2/2023
Completed Date 2/2/2023
Payment Term Due Upon

Receipt

Due Date 2/2/2023

Job Address

Way Ho Restaurant
300 Main Street

Way Ho Restaurant 300 Main Street Buzzards Bay, MA 02532 USA

Billing Address Way Ho Restaurant 300 Main Street BUZZARDS BAY, MA 02532 USA

Description of work

2000		- compaint of work			
Task #	Description		Quantity	Your Price	Total
Grease Pumping	Grease Pumping		1.00	\$520.00	\$520.00
FC	Fuel Charge		1.00	\$20.00	\$20.00
				Sub-Total Tax	\$540.00 \$0.00
				Total Payment	\$540.00 \$0.00
		We appreciate your business!		Balance Due	\$540.00



Smith's

Cesspool Service LLC West Wareham, MA 508-295-4356 Smith's Cesspool Service LLC 68 Whitsbourgh Street Taunton, MA 02780 508-295-4356 Invoice 58827352
Invoice Date 3/17/2023
Completed Date 3/17/2023
Payment Term Due Upon
Receipt

Due Date 3/17/2023 Job Address Way Ho Restaurant 300 Main Street Buzzards Bay, MA 02532

Billing Address Way Ho Restaurant 300 Main Street BUZZARDS BAY, MA 02532 USA

Description of work

2000	Description of more			
Task #	Description	Quantity	Your Price	Total
Grease Pumping	Grease Pumping	1.00	\$520.00	\$520.00
FC	Fuel Charge	1.00	\$20.00	\$20.00
			Sub-Total Tax	\$540.00 \$0.00
			Total Payment	\$540.00 \$0.00
			Balance Due	\$540.00
	We appreciate your business!			

Smith's Cesspool Service LLC West Wareham, MA 508-295-4356

Smith's Cesspool Service LLC 68 Whitsbourgh Street Taunton, MA 02780 508-295-4356 Invoice 61786453
Invoice Date 7/18/2023
Completed Date 7/18/2023
Payment Term Due Upon
Receipt
Due Date 7/18/2023
Job Address
Way Ho Restaurant
300 Main Street
Buzzards Bay, MA 02532
USA

Billing Address Way Ho Restaurant 300 Main Street BUZZARDS BAY, MA 02532 USA

Description of work

2000		Description of work	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Task #	Donati		uantity	Your Price	Total
Grease Pumping	Description	ų.	1.00	\$520.00	\$520.00
	Grease Pumping Fuel Charge			\$20.00	\$20.00
FC			1.00		
				Sub-Total	\$540.00 \$0.00
				Tax Total Payment	\$540.00 \$0.00
				Balance Due	\$540.00
	,	We appreciate your business!			

Board of Sewer Commissioners Minutes of Tuesday, July 11, 2023 Bourne Community Center 239 Main Street, Buzzards Bay Or Virtually (see information below)

TA Marlene McCollem

Board of Sewer Commissioners

Jared MacDonald, Chair Melissa Ferretti, Vice Chair (6:56) Mary Jane Mastrangelo, Clerk Anne-Marie Siroonian

Others: Amanda Bongiovanni (6:54), Jim Sullivan (6:59), Renée Gratis (6:59), and more.

Peter Meier was excused.

The Zoom chat will not be monitored. Participants who wish to speak must raise the hand icon until the Chair asks them to unmute. Note this meeting is being televised, streamed, or recorded by Bourne TV. If anyone in the audience is recording or videotaping, they need to acknowledge such at this time.

If anyone from the public wishes to access the meeting, they can do so by calling the following conference line: 1-929-205-6099

Zoom Meeting ID: 838 3616 9923 Password: SEWER

All items within the meeting agenda are subject to deliberation and vote(s) by the Board of Sewer Commissioners.

6:30 PM Call Public Session to Order in Open Session

- 1. Moment of Silence to recognize our Troops and our public safety personnel.
- 2. Salute to the Flag.
- 3. Reading of the Vision and Mission Statements: Chair MacDonald said that they will read aloud the Vision and Mission Statements at the Select Board meeting that is following this meeting.

Vision: Bourne is a proud community that embraces change while respecting the rich heritage of the town and its villages. It is a municipality based on strong fiscal government with a durable economy that recognizes the rights of all citizens, respects the environment, especially the coastal areas of the community and the amenities that it affords. Bourne embraces excellent education, and offers to citizens a healthy, active lifestyle.

Mission: Bourne will maximize opportunities for social and economic development while retaining an attractive, sustainable, and secure coastline and environment for the enjoyment of

residents and visitors. Through responsible and professional leadership and in partnership with others, Bourne will strive to improve the quality of life for all residents living and working in the larger community.

4. Public Comment on Non-Agenda Items – Public Comments are allowed for up to a total of 12 minutes at the beginning of each meeting. Each speaker is limited to 3 minutes for comment. Based on past practice, members of the Board are not allowed to comment or respond.

5. Discussion and possible vote on FY 24 Sewer Rates

Chair MacDonald said that they were trying for not more than a \$150. increase when they changed the budgeting, and they are now less than that. He said that it looks like it will be \$28. presently. He said that there are more users now coming onboard.

Town Administrator Marlene McCollem highlighted the budget changes that were previously discussed. She said that when they built the FY24 budget last winter, the Enterprise had historically been carrying the Capital Outlay line and had been funded around \$95,000. It was cut in half to \$47,500., partly to control the rate inflation and partly because they will be using a large amount of ARPA money in FY24 for upgrades to the system. She said that this is a one-year depression and will go back up next year.

Ms. McCollem also said that with about half of Calamar residents moving in, it brought the rate increase down. She said that they anticipate the rest of the residents moving in to Calamar by the end of November.

Mary Jane Mastrangelo said that she is troubled by the inequity in the rates. She said the inequity is that of what was billed in Sewer in 2022, over one third of the usage is overage. She talked about retained earnings and she said that she has this concept that they may be able to use it to offset the debt over a 5-year period. She also said that as Sewer Commissioners they need to make a 5-year plan for Capital and for revenue projections and expenses. She said that they need to spend some more time talking about rates and about having the rates be in conjunction with the Financial Policy.

Chair MacDonald agreed with Ms. Mastrangelo, and he said that the discussion about overage rates has been going on since he started on the Board. Ms. Mastrangelo suggested that they set the 6-month base rate, and then revisit the overages and the second half rate sometime in the Fall. Mr. MacDonald said he prefers to do the 6-month rate like they did last year.

Voted: Mary Jane Mastrangelo moved, and Anne-Marie Siroonian seconded that the six-month sewer user rate be set at \$598.00.

Vote: 4-0-0.

6. Discussion – Wastewater Advisory Committee

Ms. Mastrangelo said that the direction of the Comprehensive Wastewater Management Plan has moved to primarily innovative alternative systems which is under the Select Board. Chair MacDonald told Ms. McCollem that they can move this as appointments by the Select Board.

7. Minutes: n/a

8. Future Agenda Items

Chairman MacDonald said that there will be a workshop to discuss the rates at a later date.

9. Town Administrator Report

Ms. McCollem said that Mike Ellis and Corey Repucci, from Weston & Sampson, have secured the credit from Kubota. She said that they are finalizing the paperwork and will be receiving a credit in the amount of \$32,566.39 to recoup the costs (from the foaming events). She thanked them both for their work on this.

Ms. McCollem also said that they plan to do the drainage project at the plant in the next few weeks. Ms. Mastrangelo asked about the status of the Wastewater Building Committee and Ms. McCollem said that they do not have to meet again.

10. Committee Reports

None.

11. Correspondence

None.

12. Next meeting date: August 29

13. Adjourn

Voted: Anne-Marie Siroonian moved, and Mary Jane Mastrangelo seconded to adjourn.

Vote: 4-0-0.

The Board of Sewer Commissioner's Meeting ended at 7:02 PM

Respectfully Submitted,

Kim Johnson, Recording Secretary



Sewer Commissioners Correspondence

August 29, 2023

A. Letter from the Town of Wareham Sewer Commissioners



TOWN OF WAREHAM Board of Sewer Commissioners 6 Tony's Lane Wareham, Massachusetts, 02571

(508) 295-6144 TTY- 1-800-439-2370



August 7, 2023

Mr. Jarad P. MacDonald

Chairman, Bourne Sewer Commissioners

Bourne Town Hall

24 Perry Avenue

Buzzards Bay, MA 02532-3441

Dear Mr. MacDonald

Allow me to introduce myself, Bernard R. Pigeon, Chairman, Wareham Sewer Commission. I am a newly elected member of the Wareham Sewer Commission (May 3rd, 2023) and have also become it's Chairman.

Sewer is quite new to me, I have spent the last 20 plus years on Finance Committees in some three communities in addition to being a Town Meeting Representative for many years where we raised our family.

I would like to meet personally with you, and your fellow Commissioners,, to discuss our contractual relationship and the maintenance of Wareham's Sewer Facility along with our proposed replacement of the Headworks and Clarifiers.

Regards

Bernard R. Pigeon

Chairman, Wareham Sewer Commission

bpigeon@comcast.net

508-577-2348