



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 5 – Order of Conditions

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

Provided by MassDEP:

002-1335

MassDEP File #

eDEP Transaction #

Amesbury

City/Town

A. General Information

Please note:
 this form has
 been modified
 with added
 space to
 accommodate
 the Registry
 of Deeds
 Requirements

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



1. From: Amesbury
 Conservation Commission

2. This issuance is for
 (check one): a. ☒ Order of Conditions b. ☐ Amended Order of Conditions

3. To: Applicant:

Joseph

a. First Name

Buckley

b. Last Name

City of Amesbury - Director, Department of Public Works

c. Organization

39 South Hunt Road

d. Mailing Address

Amesbury

e. City/Town

MA

f. State

01913

g. Zip Code

4. Property Owner (if different from applicant):

See Attachment to Orders of Conditions

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

5. Project Location:

Friend Street & Lindbergh Avenue

a. Street Address

Amesbury

b. City/Town

See Attachment to Order of Conditions

c. Assessors Map/Plat Number

d. Parcel/Lot Number

Latitude and Longitude, if known:

d

m

s

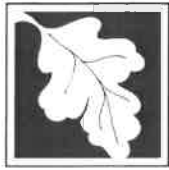
d. Latitude

d

m

s

e. Longitude



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A. General Information (cont.)

6. Property recorded at the Registry of Deeds for (attach additional information if more than one parcel):
Essex South
 a. County See Attachment to Orders of Conditions b. Certificate Number (if registered land)
 c. Book See Attachment to Orders of Conditions d. Page
7. Dates: 6.4.24 7.1.24 7.16.24
 a. Date Notice of Intent Filed b. Date Public Hearing Closed c. Date of Issuance
8. Final Approved Plans and Other Documents (attach additional plan or document references as needed):
City of Amesbury Department of Public Works - Friend Street Drainage Improvements
 a. Plan Title
Pare Corporation J. Matthew Bellisle, P.E.
 b. Prepared By c. Signed and Stamped by
4.2.24 REV 6.25.24 (6.0 and 7.0) n/a
 d. Final Revision Date e. Scale
See Attachment to Order of Conditions
 f. Additional Plan or Document Title g. Date

B. Findings

1. Findings pursuant to the Massachusetts Wetlands Protection Act:

Following the review of the above-referenced Notice of Intent and based on the information provided in this application and presented at the public hearing, this Commission finds that the areas in which work is proposed is significant to the following interests of the Wetlands Protection Act (the Act). Check all that apply:

- a. ☐ Public Water Supply b. ☐ Land Containing Shellfish c. ☒ Prevention of Pollution
 d. ☐ Private Water Supply e. ☒ Fisheries f. ☒ Protection of Wildlife Habitat
 g. ☒ Groundwater Supply h. ☒ Storm Damage Prevention i. ☒ Flood Control

2. This Commission hereby finds the project, as proposed, is: (check one of the following boxes)

Approved subject to:

- a. ☒ the following conditions which are necessary in accordance with the performance standards set forth in the wetlands regulations. This Commission orders that all work shall be performed in accordance with the Notice of Intent referenced above, the following General Conditions, and any other special conditions attached to this Order. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, these conditions shall control.



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B. Findings (cont.)

Denied because:

- b. ☐ the proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**
- c. ☐ the information submitted by the applicant is not sufficient to describe the site, the work, or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the Act's interests, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**
3. ☐ Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310 CMR 10.02(1)(a) a. linear feet

Inland Resource Area Impacts: Check all that apply below. (For Approvals Only)

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. ☒ Bank	369 (136 sf permanent)	369 (136 sf permanent)	<u> </u> c. linear feet	<u> </u> d. linear feet
5. ☐ Bordering Vegetated Wetland	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
6. ☒ Land Under Waterbodies and Waterways	3,362 <u> </u> a. square feet <u> </u> e. c/y dredged	(132 sf permanent) <u> </u> b. square feet <u> </u> f. c/y dredged	<u> </u> c. square feet	<u> </u> d. square feet
7. ☐ Bordering Land Subject to Flooding	<u> </u> a. square feet	<u> </u> b. square feet	<u> </u> c. square feet	<u> </u> d. square feet
Cubic Feet Flood Storage	<u> </u> e. cubic feet	<u> </u> f. cubic feet	<u> </u> g. cubic feet	<u> </u> h. cubic feet
8. ☐ Isolated Land Subject to Flooding	<u> </u> a. square feet	<u> </u> b. square feet		
Cubic Feet Flood Storage	<u> </u> c. cubic feet	<u> </u> d. cubic feet	<u> </u> e. cubic feet	<u> </u> f. cubic feet
9. ☐ Riverfront Area	<u> </u> a. total sq. feet	<u> </u> b. total sq. feet		
Sq ft within 100 ft	<u> </u> c. square feet	<u> </u> d. square feet	<u> </u> e. square feet	<u> </u> f. square feet
Sq ft between 100-200 ft	<u> </u> g. square feet	<u> </u> h. square feet	<u> </u> i. square feet	<u> </u> j. square feet



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B. Findings (cont.)

Coastal Resource Area Impacts: Check all that apply below. (For Approvals Only)

	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. ☐ Land Under the Ocean	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
12. ☐ Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. ☐ Coastal Beaches	a. square feet	b. square feet	cu yd c. nourishment	cu yd d. nourishment
14. ☐ Coastal Dunes	a. square feet	b. square feet	cu yd c. nourishment	cu yd d. nourishment
15. ☐ Coastal Banks	a. linear feet	b. linear feet		
16. ☐ Rocky Intertidal Shores	a. square feet	b. square feet		
17. ☐ Salt Marshes	a. square feet	b. square feet	c. square feet	d. square feet
18. ☐ Land Under Salt Ponds	a. square feet	b. square feet		
	c. c/y dredged	d. c/y dredged		
19. ☐ Land Containing Shellfish	a. square feet	b. square feet	c. square feet	d. square feet
20. ☐ Fish Runs	Indicate size under Coastal Banks, Inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above			
	a. c/y dredged	b. c/y dredged		
21. ☐ Land Subject to Coastal Storm Flowage	a. square feet	b. square feet		
22. ☐ Riverfront Area	a. total sq. feet	b. total sq. feet		
Sq ft within 100 ft	c. square feet	d. square feet	e. square feet	f. square feet
Sq ft between 100-200 ft	g. square feet	h. square feet	i. square feet	j. square feet



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B. Findings (cont.)

* #23. 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.5.c (BVW) or B.17.c (Salt Marsh) above, please enter the additional amount here.

23. ☐ Restoration/Enhancement *:

a. square feet of BVW

b. square feet of salt marsh

24. ☒ Stream Crossing(s):

0

2

a. number of new stream crossings

b. number of replacement stream crossings

C. General Conditions Under Massachusetts Wetlands Protection Act

The following conditions are only applicable to Approved projects.

1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
 - a. The work is a maintenance dredging project as provided for in the Act; or
 - b. The time for completion has been extended to a specified date more than three years, but less than five years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.
 - c. If the work is for a Test Project, this Order of Conditions shall be valid for no more than one year.
5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order. An Order of Conditions for a Test Project may be extended for one additional year only upon written application by the applicant, subject to the provisions of 310 CMR 10.05(11)(f).
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not extend the issuance date of the original Final Order of Conditions and the Order will expire on _____ unless extended in writing by the Department.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.



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C. General Conditions Under Massachusetts Wetlands Protection Act

8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.
9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.
10. A sign shall be displayed at the site not less than two square feet or more than three square feet in size bearing the words,

"Massachusetts Department of Environmental Protection" [or, "MassDEP"]

"File Number 002-1335 "
11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before MassDEP.
12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.
13. The work shall conform to the plans and special conditions referenced in this order.
14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.
15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.
16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.



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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.
18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.
19. The work associated with this Order (the "Project")
 - (1) ☐ is subject to the Massachusetts Stormwater Standards
 - (2) ☒ is NOT subject to the Massachusetts Stormwater Standards

If the work is subject to the Stormwater Standards, then the project is subject to the following conditions:

- a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Construction General Permit as required by Stormwater Condition 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.
- b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that:
 - i. all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures;
 - ii. as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized;
 - iii. any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10;



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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

iv. all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition;

v. any vegetation associated with post-construction BMPs is suitably established to withstand erosion.

c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 18(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement") for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following:

i.) the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and

ii.) the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.

d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollution Discharge Elimination System Multi-Sector General Permit.

e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 18(f) through 18(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 18(f) through 18(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.

f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.



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C. General Conditions Under Massachusetts Wetlands Protection Act (cont.)

- g) The responsible party shall:
 - 1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
 - 2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
 - 3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.
- h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.
- i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.
- j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.
- k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.
- l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

Special Conditions (if you need more space for additional conditions, please attach a text document):

See Attachment to Order of Conditions

- 20. For Test Projects subject to 310 CMR 10.05(11), the applicant shall also implement the monitoring plan and the restoration plan submitted with the Notice of Intent. If the conservation commission or Department determines that the Test Project threatens the public health, safety or the environment, the applicant shall implement the removal plan submitted with the Notice of Intent or modify the project as directed by the conservation commission or the Department.



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D. Findings Under Municipal Wetlands Bylaw or Ordinance

1. Is a municipal wetlands bylaw or ordinance applicable? ☒ Yes ☐ No
2. The Amesbury hereby finds (check one that applies):
Conservation Commission

- a. ☐ that the proposed work cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw, specifically:

1. Municipal Ordinance or Bylaw

2. Citation

Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order of Conditions is issued.

- b. ☒ that the following additional conditions are necessary to comply with a municipal ordinance or bylaw:

Amesbury Wetlands Ordinance

1. Municipal Ordinance or Bylaw

2. Citation

3. The Commission orders that all work shall be performed in accordance with the following conditions and with the Notice of Intent referenced above. To the extent that the following conditions modify or differ from the plans, specifications, or other proposals submitted with the Notice of Intent, the conditions shall control.

The special conditions relating to municipal ordinance or bylaw are as follows (if you need more space for additional conditions, attach a text document):

See Attachment to Order of Conditions



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E. Signatures

This Order is valid for three years, unless otherwise specified as a special condition pursuant to General Conditions #4, from the date of issuance.

1. Date of Issuance

Please indicate the number of members who will sign this form.

This Order must be signed by a majority of the Conservation Commission.

2. Number of Signers

The Order must be mailed by certified mail (return receipt requested) or hand delivered to the applicant. A copy also must be mailed or hand delivered at the same time to the appropriate Department of Environmental Protection Regional Office, if not filing electronically, and the property owner, if different from applicant.

By vote on 04/03/2023 the Amesbury Conservation Commission authorized the use of their electronic signatures pursuant to the certificate of vote recorded with the Essex south Registry of Deeds in Book 41530 Page 251. They intend for their typed names to serve as electronic signatures.

Michael Ebert
Michael Ebert (Jul 23, 2024 11:41 EDT)

Signature

Fred Zackon
Fred Zackon (Jul 23, 2024 12:48 EDT)

Signature

Amanda Jones
Amanda Jones (Jul 25, 2024 18:04 EDT)

Signature

Jamie McCarthy

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Signature

Michael Ebert

Printed Name

Fred Zackon

Printed Name

Amanda Jones

Printed Name

Jamie McCarthy

Printed Name

Printed Name

Printed Name

Printed Name

Printed Name

Printed Name

Printed Name

Printed Name

Printed Name

Printed Name

☒ by hand delivery on

7/29/24

Date

☐ by certified mail, return receipt requested, on

Date



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F. Appeals

The applicant, the owner, any person aggrieved by this Order, any owner of land abutting the land subject to this Order, or any ten residents of the city or town in which such land is located, are hereby notified of their right to request the appropriate MassDEP Regional Office to issue a Superseding Order of Conditions. The request must be made by certified mail or hand delivery to the Department, with the appropriate filing fee and a completed Request for Departmental Action Fee Transmittal Form, as provided in 310 CMR 10.03(7) within ten business days from the date of issuance of this Order. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

Any appellants seeking to appeal the Department's Superseding Order associated with this appeal will be required to demonstrate prior participation in the review of this project. Previous participation in the permit proceeding means the submission of written information to the Conservation Commission prior to the close of the public hearing, requesting a Superseding Order, or providing written information to the Department prior to issuance of a Superseding Order.

The request shall state clearly and concisely the objections to the Order which is being appealed and how the Order does not contribute to the protection of the interests identified in the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40), and is inconsistent with the wetlands regulations (310 CMR 10.00). To the extent that the Order is based on a municipal ordinance or bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.



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G. Recording Information

Prior to commencement of work, this Order of Conditions must be recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land subject to the Order. In the case of registered land, this Order shall also be noted on the Land Court Certificate of Title of the owner of the land subject to the Order of Conditions. The recording information on this page shall be submitted to the Conservation Commission listed below.

Amesbury

Conservation Commission

Detach on dotted line, have stamped by the Registry of Deeds and submit to the Conservation Commission.

To:

Amesbury

Conservation Commission

Please be advised that the Order of Conditions for the Project at:

Friend Street & Lindbergh Avenue

Project Location

002-1335

MassDEP File Number

Has been recorded at the Registry of Deeds of:

Essex South

County

Book

Page

for: City of Amesbury and Various Property Owners (see Attachment A to Orders of Conditions in Appendix)

and has been noted in the chain of title of the affected property in:

Book

Page

In accordance with the Order of Conditions issued on:

7.16.24

Date

If recorded land, the instrument number identifying this transaction is:

Instrument Number

If registered land, the document number identifying this transaction is:

Document Number



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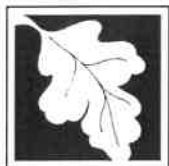
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Signature of Applicant



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DEP File Number: _____

Request for Departmental Action Fee Transmittal Form

Provided by DEP _____

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

A. Request Information

1. Location of Project

a. Street Address _____

b. City/Town, Zip _____

c. Check number _____

d. Fee amount _____

2. Person or party making request (if appropriate, name the citizen group's representative):

Name _____

Mailing Address _____

City/Town _____

State _____

Zip Code _____

Phone Number _____

Fax Number (if applicable) _____

3. Applicant (as shown on Determination of Applicability (Form 2), Order of Resource Area Delineation (Form 4B), Order of Conditions (Form 5), Restoration Order of Conditions (Form 5A), or Notice of Non-Significance (Form 6)):

Name _____

Mailing Address _____

City/Town _____

State _____

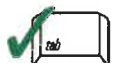
Zip Code _____

Phone Number _____

Fax Number (if applicable) _____

4. DEP File Number:

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



B. Instructions

1. When the Departmental action request is for (check one):

- ☐ Superseding Order of Conditions – Fee: \$120.00 (single family house projects) or \$245 (all other projects)
- ☐ Superseding Determination of Applicability – Fee: \$120
- ☐ Superseding Order of Resource Area Delineation – Fee: \$120



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

DEP File Number:

Request for Departmental Action Fee Transmittal Form

Provided by DEP

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

B. Instructions (cont.)

Send this form and check or money order, payable to the *Commonwealth of Massachusetts*, to:

Department of Environmental Protection
Box 4062
Boston, MA 02211

2. On a separate sheet attached to this form, state clearly and concisely the objections to the Determination or Order which is being appealed. To the extent that the Determination or Order is based on a municipal bylaw, and not on the Massachusetts Wetlands Protection Act or regulations, the Department has no appellate jurisdiction.
3. Send a **copy** of this form and a **copy** of the check or money order with the Request for a Superseding Determination or Order by certified mail or hand delivery to the appropriate DEP Regional Office (see <https://www.mass.gov/service-details/massdep-regional-offices-by-community>).
4. A copy of the request shall at the same time be sent by certified mail or hand delivery to the Conservation Commission and to the applicant, if he/she is not the appellant.

ATTACHMENT TO ORDER OF CONDITIONS

Applicant: Joseph Buckley, Director, City of Amesbury Department of Public Works

Site Address: Various – Friend Street & Lindbergh Avenue

DEP File #: DEP 002-1335

Pursuant to the Massachusetts Wetlands Protection Act (M.G.L. Chapter 131, Section 40) and Regulation (310 CMR 10.00-10.60), and the Amesbury Wetlands Ordinance and its implementing regulations:

This Order permits: the installation of the Street Drainage Improvements project. This Limited Project pursuant to provisions of 310 CMR 10.53(3)(f)&(i) consists of improvements to existing culverts and repair and maintenance of a dam. The project will improve natural stream processes, eliminate ongoing flooding issues, and reduce the risk of infrastructure damage by accommodating larger storm flows. Specifically, the project will: replace the culvert beneath the driveway at 8 Lindbergh Avenue; replace the culvert beneath Friend Street in the area bordering Carriage Grove Apartment; replace the culvert through Town Park from Friend Street to the upper Pleasure Pond inlet; install a new downstream headwall at the inlet to upper Pleasure Pond; and make repairs to an embankment for addition overtopping at the upper Pleasure Pond dam.

This approval includes a waiver pursuant to Amesbury Wetlands Regulations 17.2(d) Lane under Waterbodies performance standards and 20.0(d) Buffer Zone performance standards.

The Amesbury Conservation Commission (hereafter the “ACC”) orders that all work shall be performed in accordance with said conditions.

CONDITIONS:

1. The work shall conform to the following:

Site Plans

“City of Amesbury Department of Public Works
Friend Street Drainage Improvements”

Prepared by: Pare Corporation

Signed/stamped by: J. Matthew Bellisle, P.E.

Scale: As noted

Final Date: 4.2.24

REV 6.25.24 (sheets 6.0 and 7.0)

Prepared for: Joseph Buckley, Director
City of Amesbury, Department of Public Works
39 South Hunt Road, Amesbury, MA 01913

Notice of Intent
Storm Sewer System Performance
Friend Street Drainage Improvements,
Amesbury, MA
Pare Project No. 21200.00
Date: 6.23.24

2. The work authorized hereunder shall be completed within **three (3) years** from the date of this order unless extended by an act of the Massachusetts legislature.
3. This Order may be extended by the issuing authority for one to three years upon application to the issuing authority at least **thirty (30) days prior to the expiration date of the Order**.
4. The Amesbury Conservation Commission (ACC) reserves the right to impose additional conditions on this project including, but not limited to additional or modified erosion / siltation controls during construction, if it deems that site conditions warrant additional measures to mitigate potential impacts.
5. The term "Applicant" as used in this Order of Conditions shall refer to the owner, any successor in interest or successor in control of the property referenced in the Notice of Intent, supporting documents and this Order of Conditions. The ACC shall be notified in writing within 30 days of all transfers of title of any portion of property that takes place prior to the issuance of a Certificate of Compliance. In conjunction with the sale of this property or any portion thereof, before a Certificate of Compliance has been issued, the applicant or current landowner shall submit to the ACC a signed statement by the buyer that he/she is aware of an outstanding Order of Conditions on the property and has also received a copy of said Order.
6. The conditions of this decision shall apply to, and be binding upon, the applicant, owner, its employees and all successors and assigns in interest or control. These obligations shall be expressed in covenants in all deeds to succeeding owners of portions of the property.
7. This Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of property rights. However, the ACC, agent of the ACC or the Department of Environmental Protection (DEP) reserve the right to enter and inspect the property at all reasonable times until a Certificate of Compliance is issued, to evaluate compliance with this Order of Conditions, the Act (310 CMR 10.00), the Amesbury Wetlands Ordinance and Regulations, and may require any information, measurements, photographs, observations, and/or materials, or may require the submittal of any data or information deemed necessary by the ACC for that evaluation. Further, work shall be halted on the site if the ACC, agent or DEP determines that any of the work is not in compliance with this Order of Conditions. Work shall not resume until the ACC is satisfied that the work will comply and has so notified the applicant in writing.
8. Where the Department of Environmental Protection (DEP) is requested to make a determination and to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before the Department.

9. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state or local statutes, ordinances, by-laws or regulations. All applicable state and local permits must be secured at the time of the pre-construction site visit for this Order of Conditions to be valid.
10. By acceptance of this Order, the owners agree to indemnify and hold harmless to the City of Amesbury and its residents for any damage attributable to alterations undertaken on this property pursuant to the Order. Issuance of these Conditions does not in any way imply or certify that the site or downstream areas will not be subject to flooding, storm damage or any other form of water damage.
11. A copy of this Order of Conditions and the approved plan shall be available on site at all times when work is in progress.
12. This document shall be included in all construction contracts, subcontracts, and specifications dealing with the work proposed and shall supersede any conflicting contract requirements. The applicant shall assure that all contractors, subcontractors, and other personnel performing the permitting work are fully aware of the permits terms and conditions. Thereafter, the contractor will be held jointly liable for any violation of this Order resulting from failure to comply with its conditions.
13. The following wetland resource areas are affected by the proposed work: Buffer Zone to BVW. The resource areas are significant to the interests of the Act and Amesbury Local Ordinance as noted above and therein. The applicant has not attempted to overcome the presumption of significance of these resource areas to the identified interests.

PRE-CONSTRUCTION CONDITIONS:

14. No work shall be undertaken until all administrative appeal periods from this Order have elapsed or, if such an appeal has been filed, until all proceedings before the Department or Court have been completed.
15. **This Order shall be recorded by the applicant at the Essex South Registry of Deeds immediately after the expiration of all appeal periods.** No work shall be undertaken until the Final Order has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is to be done.
16. A certificate of filing with the Registry shall be returned to the Amesbury Conservation Commission or Department within twenty-one (21) days of recording and prior to commencement of any activities subject to the Order(s) of Conditions, including clearing or construction.

17. A sign shall be displayed at the site not less than two (2) square feet or more than three (3) square feet in size bearing the words **"MA DEP, File Number 002-1335."**
18. **Any changes in the submitted plans caused by the applicant, another Board's decision or resulting from this Order of Conditions must be submitted to the ACC for approval prior to implementation.** If the ACC finds said changes to be significant, the ACC will call for another public hearing (at the expense of the applicant). Within 21 days of the close of said public hearing the ACC will issue an amended or new Order of Conditions. Any errors found in the plans or information submitted by the applicant shall be considered as changes. The proposed project may be still under review by other local or state boards or agencies. This may result in changes to the project plans or wetland impacts. If any such changes occur a revised plan and an explanation of the revisions shall be submitted to the ACC for review and approval prior to the start of construction. No work shall begin on a project until written approval has been granted by the ACC.
19. **It is the responsibility of the applicant, owner, and/or successor(s) to ensure that all conditions of this Order of Conditions are complied with.** The project engineer and contractors are to be provided with a copy of this Order of Conditions and referenced documents before commencement of construction.
20. Prior to the pre-construction meeting and commencement of any activity on this site, all erosion control devices approved under this Order shall be properly installed, as shown on the approved site plans as listed in this Attachment to Order of Conditions. The ACC and / or its Agent shall inspect and approve such installation at a pre-construction meeting. The ACC or its Agent reserves the right to impose additional conditions on portions of this project to mitigate any impacts which could result from site erosion, or any noticeable degradation of surface water quality discharging from the site. For example, installation of erosion control measures may be required in areas not shown on the plan(s) referenced in this Order of Conditions. Should such installation be required by the ACC or its Agent, they shall be installed within 48 hours of the request. The erosion control devices must remain in place until the Commission or its Agent has authorized their removal. All workers must be instructed not to work beyond this limit.
21. Wetland flagging shall be checked prior to start of construction and shall be re-established where missing. All wetland flagging shall remain visible and enumerated per the approved plan(s) throughout the life of the project and until a Certificate of Compliance is issued so that erosion control measures are properly placed and wetland impacts are monitored. The proposed limit of work shall be clearly marked with erosion controls or temporary fencing and shall be confirmed by the ACC. **Such barriers shall be checked and replaced as necessary and shall be maintained.**
22. An erosion control barrier shall be properly installed and placed as shown on the plans approved and referenced herein unless the location and/or erosion control barrier materials are revised by the Conservation Agent due to site conditions. This erosion control barrier shall be inspected and approved by the ACC or its agent prior to the start of construction and shall remain intact until all disturbed areas have been permanently stabilized to prevent erosion. When site conditions allow, the erosion control barrier may be a minimum 12" diameter staked filter rolls (compost or bark-filled wattles such as those by Silt Sock® or Filtrex®) placed between all

construction areas and resource areas as shown on the herein referenced plan. Any netting associated with filter rolls shall be biodegradable (NO PLASTIC NETTING). When site conditions do not allow (e.g., slopes too steep, work in close proximity to wetlands), the Conservation Agent may require erosion control barrier in the form of double-staked and closely butted haybales backed by entrenched and staked siltation fence, or other erosion control methods, placed between all construction areas and resource areas as shown on the herein referenced plan. All erosion prevention and sedimentation protection measures found necessary during construction shall be implemented at the direction of the ACC or its agent. The ACC reserves the right to impose additional conditions on portions of this project to mitigate any impacts which could result from site erosion, or any noticeable degradation of surface water quality discharging from the site. For example, installation of erosion control measures may be required in areas not shown on the plan(s) referenced in this Order of Conditions, or alternative erosion control methods may be required. Should such installation be required by the ACC, they shall be installed within 48 hours of the Commission's request.

23. The applicant shall designate an "**Environmental Monitor**" to oversee any emergency placement of controls, regular inspections or replacement of sedimentation control devices, and to ensure all work is being performed in compliance with this Order of Conditions. This person shall be given the authority to stop construction for erosion control purposes. The environmental monitor shall inspect all such devices and oversee cleaning and the proper disposal of waste products. Cleaning shall include removal of any entrapped silt. The environmental monitor shall visually inspect all sedimentation / erosion control measures and assume responsibility for their maintenance on a weekly basis and that they are functioning as intended. In addition, all wetland resource areas shall be visually inspected for siltation, turbidity, and/ or other water quality impacts. Siltation of resource areas shall be avoided during and after construction
24. Once the above-mentioned pre-construction requirements are complete, the applicant shall contact the Conservation Department to arrange an on-site **PRE-CONSTRUCTION MEETING** with a representative from the Amesbury Conservation Commission (ACC) and/or Conservation Agent, the project supervisor, the contractor responsible for work, the engineer and / or wetland scientist (if applicable), and the applicant to ensure all of the conditions outlined in this Order are understood. Please contact the Amesbury Conservation Department at least **seventy-two (72)** hours in advance to schedule the pre-construction meeting.

STORMWATER MANAGEMENT CONDITIONS:

25. Water quality down gradient of protected and jurisdictional resources shall not differ significantly following completion of the project from the pre-development conditions. There shall be no sedimentation into wetlands or water bodies from discharge pipes or surface runoff leaving the site.

DURING CONSTRUCTION:

26. Accepted engineering and Best Management Practices (BMPs) for construction standards shall be followed in the conduct of all work.

27. **The Environmental Monitor shall conduct site inspections on site for compliance with this Order at a minimum of once per week and during or immediately after rainstorms of 0.5 inches or more during the active construction phase of the project within jurisdictional areas.** The Environmental Monitor shall visually inspect all sedimentation/erosion control measures. The Environmental Monitor shall submit an emailed report to the ACC weekly during the demolition and construction phases of work, and monthly thereafter, until a Certificate of Compliance is obtained. The post construction monitoring schedule shall be twice a year at the beginning and conclusion of each growing season with written reports detailing all aspects of the ongoing work shall be submitted to the ACC. This schedule may be altered at the direction of the ACC. Monitoring reports shall be submitted to the ACC and applicant. Photographs of the erosion control devices shall be provided with each report.
28. All exposed soil at finished grade surfaces shall be immediately landscaped and stabilized, or loamed, seeded and mulched with a layer of hay. All disturbed areas must be graded, loamed, seeded and hay mulched prior to November 1st of each year. Outside of the growing season, exposed soil at finish grade surfaces shall be stabilized with a layer of mulch until climate conditions allow for seed germination.
29. All stockpiles shall be enclosed by erosion control consisting of staked hay bales and trenched silt fence. There shall be no stockpiling outside of the approved limit of work.
30. All waste generated by, or associated with, the construction activity shall be contained within the construction area, and away from the resource area. There shall be no stump dumps, burying of stumps or any material onsite. The applicant shall maintain a dumpster (or other suitable means) at the site for the storage and removal of such construction material off-site. **However, no trash dumpsters will be allowed within 50-feet to any areas subject to protection under the Act or local Ordinance.**
31. During and after work on this project, there shall be no discharge or spillage of fuel, or other pollutants into any wetland resource area. If there is a spill or discharge of any pollutant during any phase of construction the ACC shall be notified by the applicant within one (1) business day. No construction vehicles are to be stored within 50 feet of wetland resource areas, and no vehicle refueling, equipment lubrication or maintenance is to be done within 50 feet of a resource area.
32. Any fill used in connection with this project shall be clean fill, containing no trash, refuse, rubbish or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles or parts on any of the foregoing.

AFTER CONSTRUCTION:

33. **Upon the completion of the project, the applicant shall submit the following to the Amesbury Conservation Commission to request a Certificate of Compliance:**
- a. WPA Form 8A - "Request for Certificate of Compliance"

- b. A letter from the applicant or their representative requesting the Certificate of Compliance with the following information:
 - i. Name and address of the current landowner;
 - ii. The name and address of the individual / trust or corporation to whom the compliance is to be granted.
 - iii. The street address and assessor's map / parcel number for the project.
 - iv. The MA DEP File number.
- c. A statement stamped and signed by a Massachusetts-registered Professional Civil Engineer (P.E.) and/ or a Massachusetts-registered Professional Land Surveyor (P.L.S) indicating compliance with or detailing aspects of the project which differed from the Order of Conditions (if any) and the following material which was submitted as part of the Notice of Intent.
- d. An "As-Built" plan(s) prepared, stamped, and signed by a Massachusetts Professional Civil Engineer (P.E.) and/or a Massachusetts-registered Professional Land Surveyor (P.L.S.), **at the same scale and size as the approved plan**, for the public record. This plan will include:
 - i. "As-Built" post-development elevations of structures constructed within 100 feet of any wetland resource area
 - ii. Location of Restoration Area monuments.

34. Erosion control devices shall remain in place and functioning properly until all exposed soils have been stabilized with final vegetative cover and the Commission and / or its Agent has authorized their removal.

35. Prior to issue of Certificate of Compliance, the applicant shall be required to pay in full any outstanding invoices from the Commission's monitor.

PERPETUAL CONDITIONS:

The following conditions are ongoing and do not expire with the issuance of the Certificate of Compliance:

36. Water quality to the adjacent wetland resource area(s) shall not differ following the completion of the project from the pre-development conditions. There shall be no sedimentation into the resource areas from discharge pipes or surface runoff leaving the site.

Appendix
MA DEP 002-1335
Approved Plans & Relevant Documents
Friend Street & Lindbergh Avenue
(various locations)

Prepared for The:

CITY OF AMESBURY DEPARTMENT OF PUBLIC WORKS

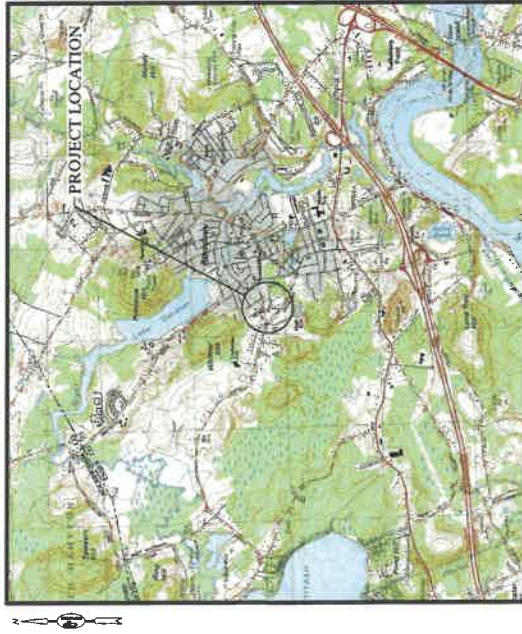
FRIEND STREET DRAINAGE IMPROVEMENTS

AMESBURY, MASSACHUSETTS

APRIL 2, 2024

Drawing Index

- 0.0 COVER SHEET
- 1.0 NOTES AND LEGEND
- 2.0 EXISTING CONDITIONS
- 3.0 BORING LOGS
- 4.0 OVERALL WORK AREAS
- 5.0 EROSION CONTROL PLAN
- 6.0 8 LINDBERGH AVENUE CULVERT
- 7.0 FRIEND STREET AND AMESBURY PARK PLAN
- 7.1 FRIEND STREET AND AMESBURY PARK PROFILE
- 8.0 PLEASURE POND DAM REPAIRS
- 9.0 MISCELLANEOUS DETAILS - 1
- 9.1 MISCELLANEOUS DETAILS - 2
- 10.0 TRAFFIC CONTROL PLAN - 1
- 10.1 TRAFFIC CONTROL PLAN - 2



LOCUS PLAN
SCALE: 1" = 2000'



AERIAL PLAN
SCALE: 1" = 400'

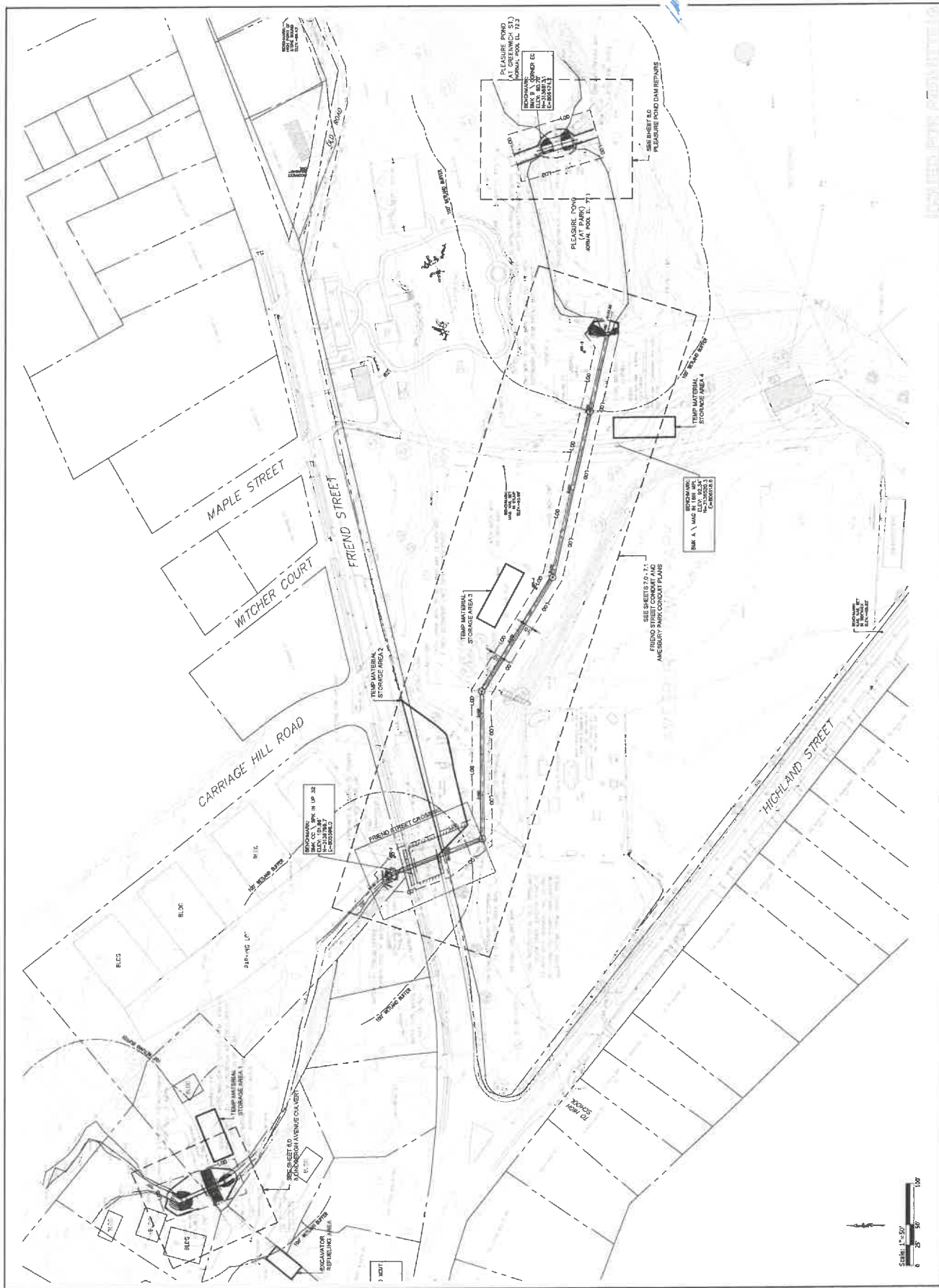


Prepared by:

PARE CORPORATION

Foxboro, Massachusetts







SCALE: 1" = 50'
MAINTENANCE: 1" = 50'
ORIGINAL: 1" = 50'

FRIEND ST DRAINAGE IMPROVEMENTS

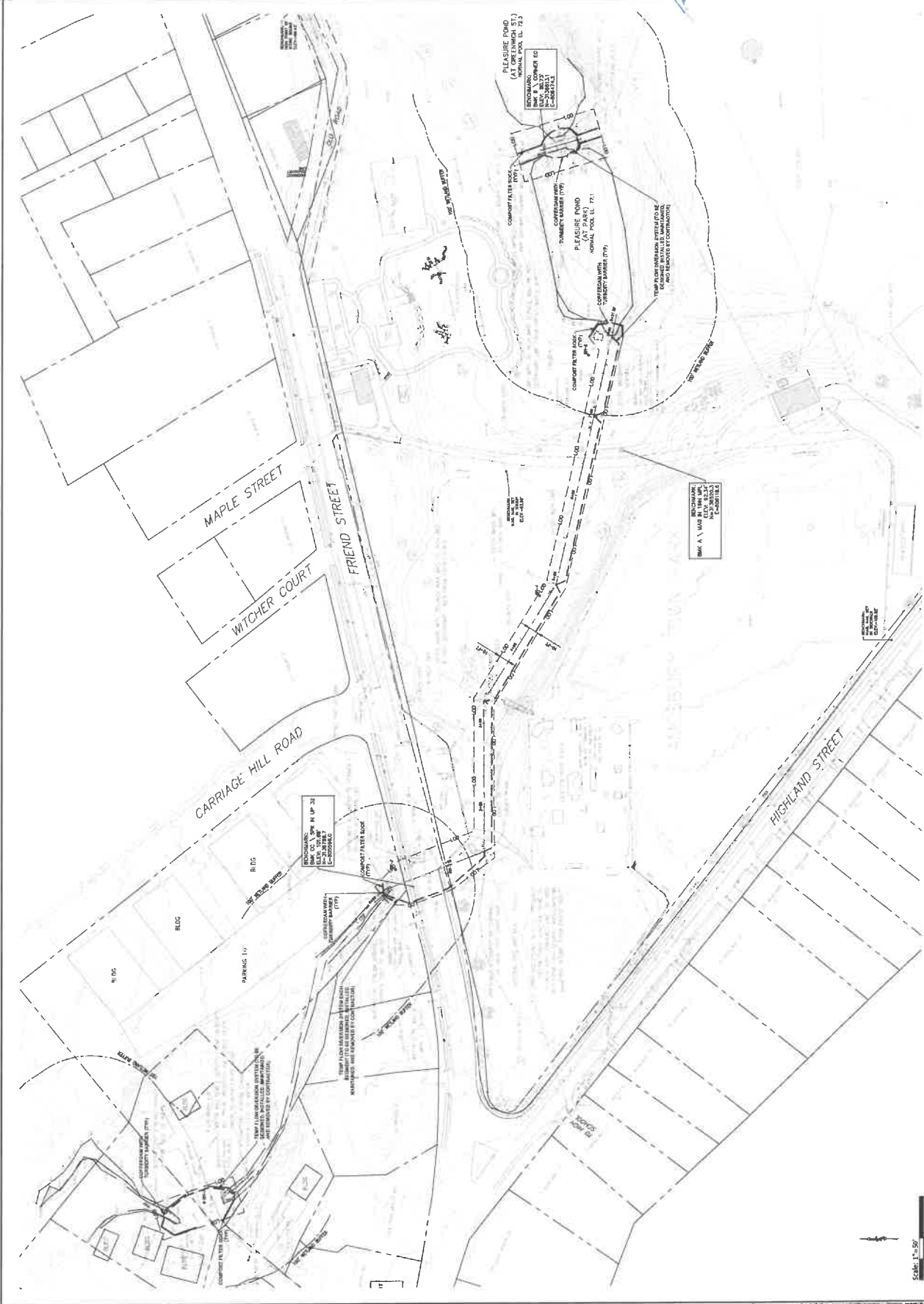
CITY OF AMESBURY



10/10/2024

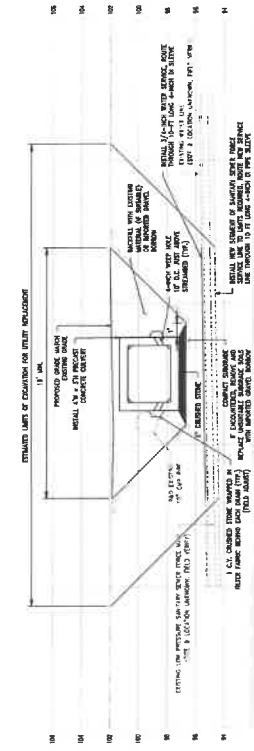
PROJECT NO.	21000.00
DATE	APRIL 2, 2024
DESIGNED BY	AS NOTED
CHECKED BY	MAJ/MD
DRAWN BY	MAJ/MD
APPROVED BY	AND
DRAWING TITLE	EROSION CONTROL PLAN

DRAWING NO.	5.0
SHEET NO.	5 OF 14



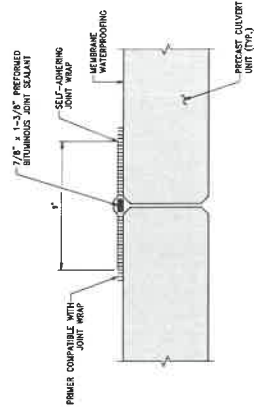
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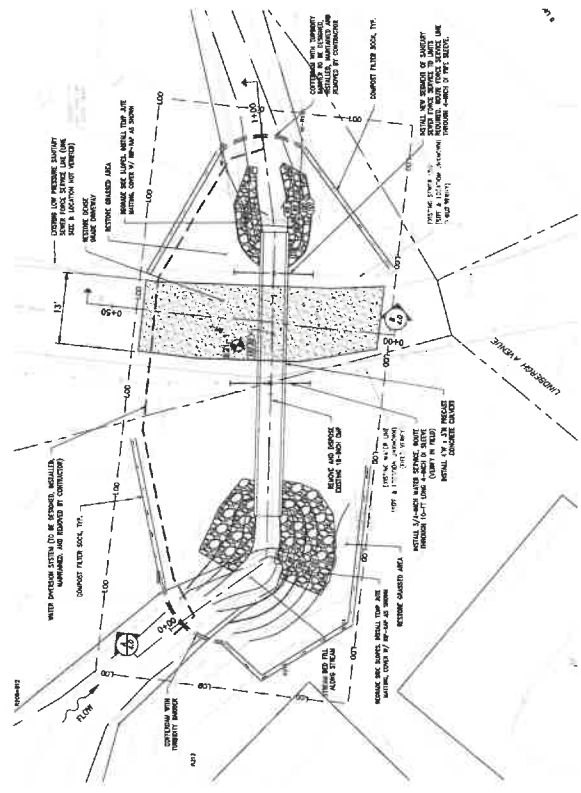


8 LINDBERGH AVE. CULVERT SECTION

- HINTS:**
1. TRENCH DEEPENED TO 60 CM. SUMMER F. DISCOVERED. LAM & SLIPING AND BRACING.
 2. TRENCH REACHED STABLE PROXIMITY WITHIN 100 CM OF THE EXISTING TRENCH SAFETY.

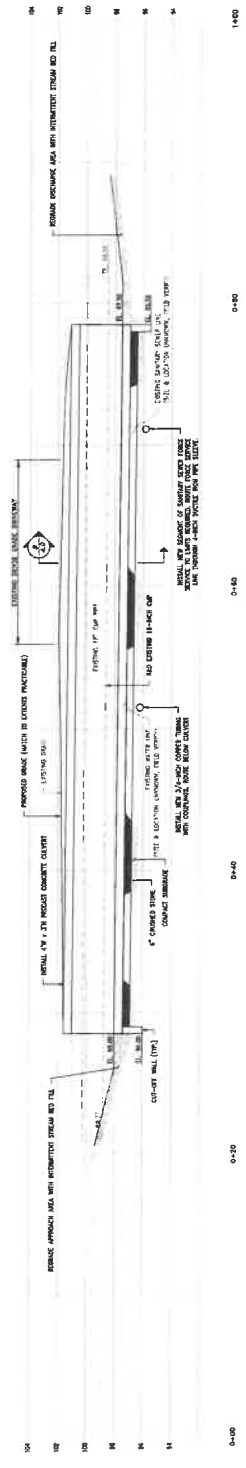


PRECAST JOINT SEALING DETAIL
SCALE: 3" = 1'-0"

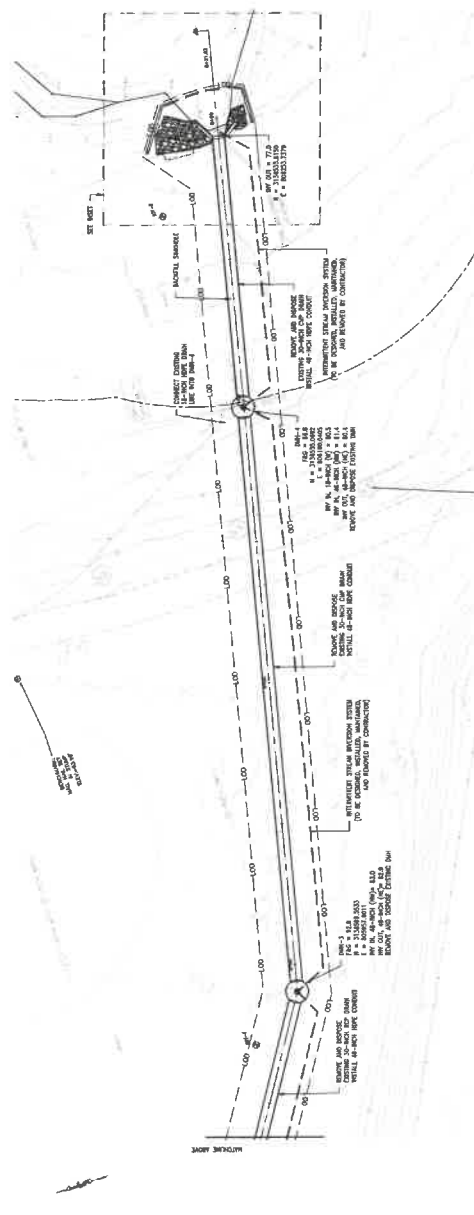
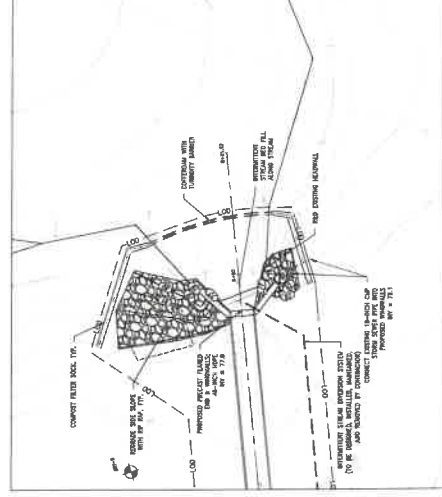


8 LINDBERGH AVE. CULVERT PLAN
SCALE: 1"=10'-0"

- NOTES:**
1. PRECAST CONCRETE BOX CULVERT SHALL BE 18"X18" LIVE LOAD RATED.
 2. EACH BOX CULVERT SEGMENT SHALL BE SECURED TO ADJACENT SEGMENTS WITH FASTENING BOLTS.
 3. DOWNSTREAM BOX SEGMENT SHALL HAVE AN INTERNAL END-SEPARATE CUTOFF WALL OR FOOTER.



8 LINDBERGH AVE. CULVERT PROFILE





SCALE ADJUSTMENT GUIDE
1" = 10'
1" = 20'
1" = 40'

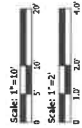
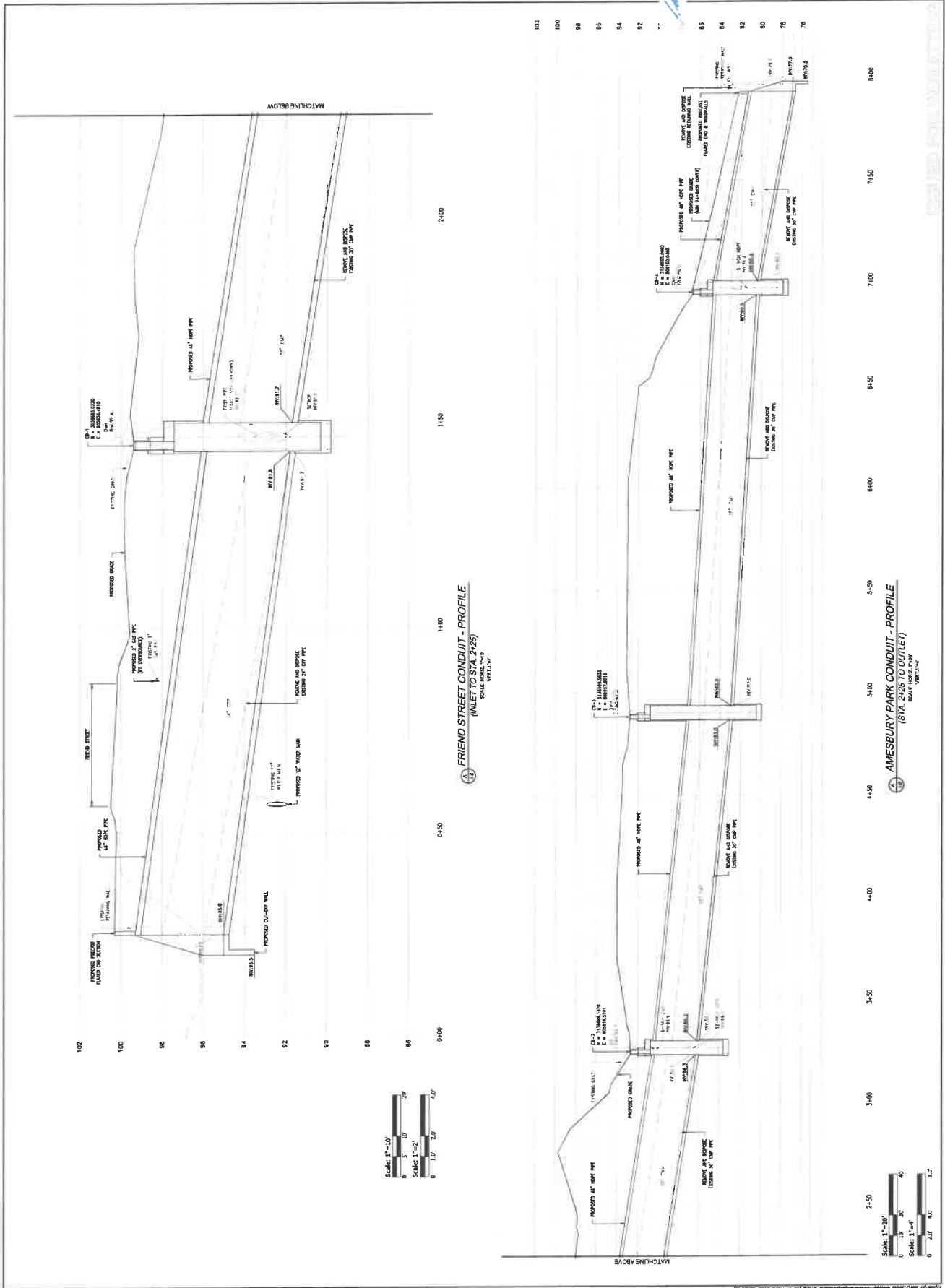
FRIEND ST DRAINAGE IMPROVEMENTS

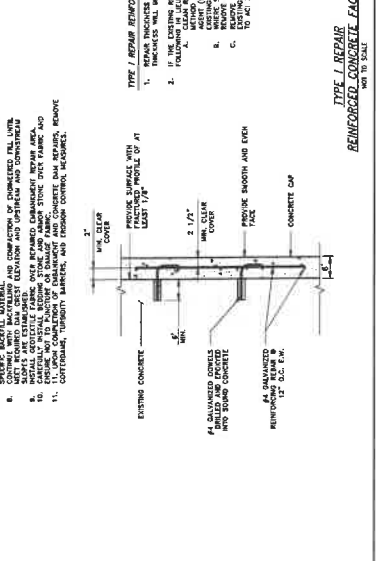
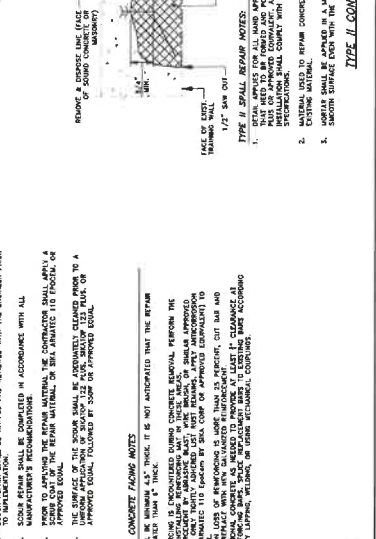
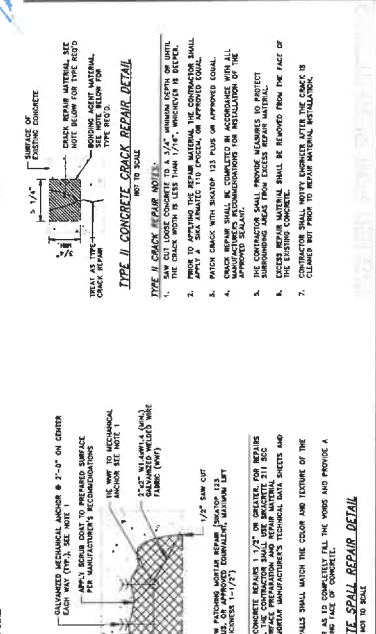
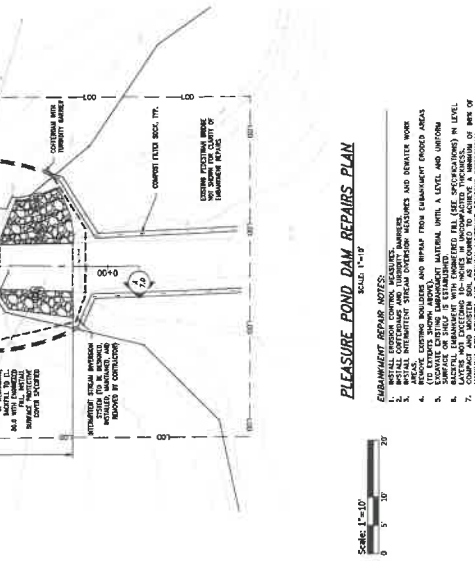
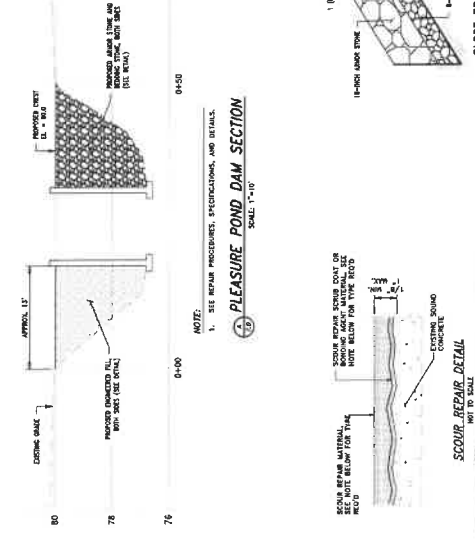
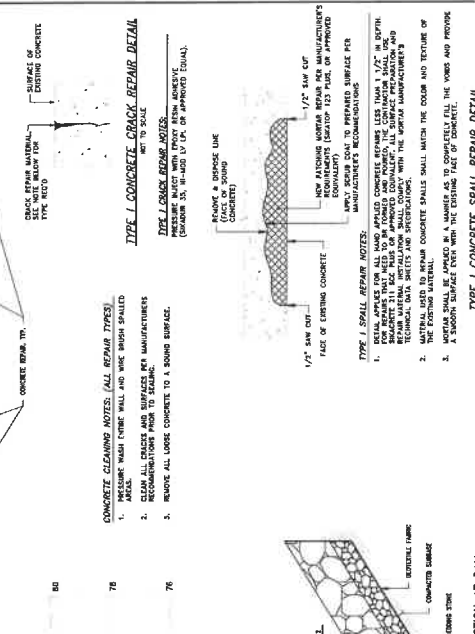
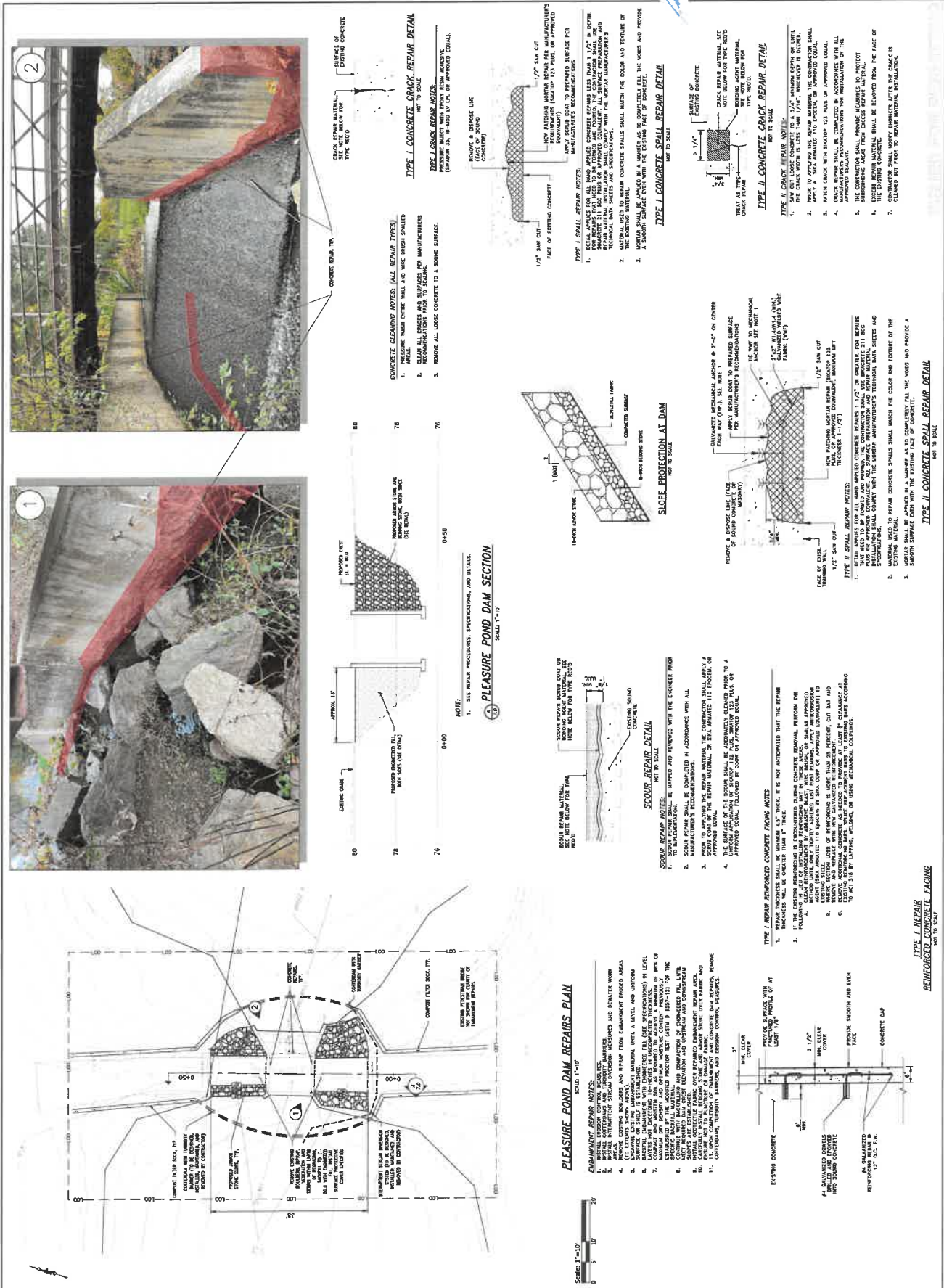
CITY OF AMESBURY



Handwritten: 10/10/2024

PROJECT NO.	2100000
DATE	APRIL 2, 2024
DESIGNED BY	AS NOTED
CHECKED BY	MAN/UMD
DRAWN BY	MAN/UMD
APPROVED BY	APR
DRAWING TITLE	FRIEND STREET AND AMESBURY PARK
DRAWING NO.	7.1
SHEET NO.	9 OF 14







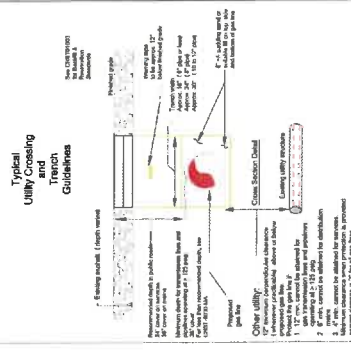
FRIEND ST DRAINAGE IMPROVEMENTS

CITY OF AMESBURY



Water Sewer

PROJECT NO.	21000.00
DATE	APRIL 2, 2024
DESIGNED BY	AS
CHECKED BY	MAN/MED
DRAWN BY	MAN/LUC
APPROVED BY	AND
DOWNING TITLE	
MISCELLANEOUS DETAILS - 2	
DRAWING NO.	9.1
SHEET NO.	12 OF 14



For Backfill and Restoration details, refer to CHS101003 - Backfill and Restoration

nationalgrid	DATE	BY	CHK	APP
Amesbury	4/2/24	AS	MAN	MAN
CHS101003	4/2/24	AS	MAN	MAN

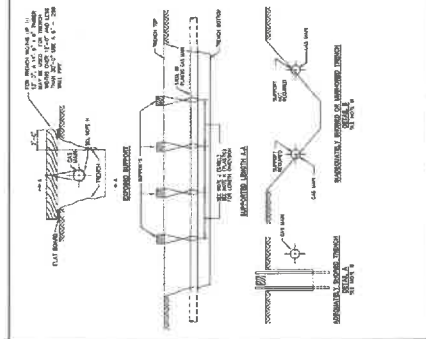
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2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF AMESBURY ENGINEERING DEPARTMENT STANDARDS AND SPECIFICATIONS.
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11. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF AMESBURY ENGINEERING DEPARTMENT STANDARDS AND SPECIFICATIONS.
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For Backfill and Restoration details, refer to CHS101003 - Backfill and Restoration

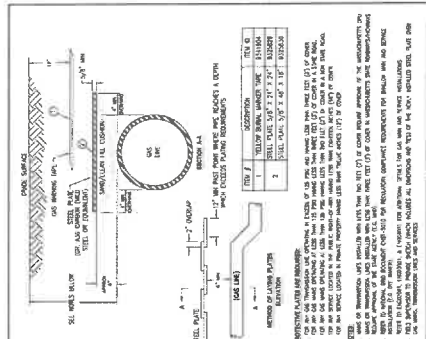
nationalgrid	DATE	BY	CHK	APP
Amesbury	4/2/24	AS	MAN	MAN
CHS101003	4/2/24	AS	MAN	MAN

NATIONAL GRID GAS DETAILS

NOT TO SCALE

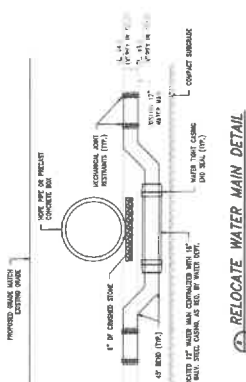


nationalgrid	DATE	BY	CHK	APP
Amesbury	4/2/24	AS	MAN	MAN
CHS101003	4/2/24	AS	MAN	MAN

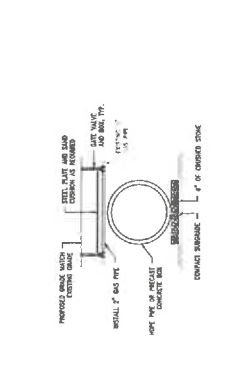


nationalgrid	DATE	BY	CHK	APP
Amesbury	4/2/24	AS	MAN	MAN
CHS101003	4/2/24	AS	MAN	MAN

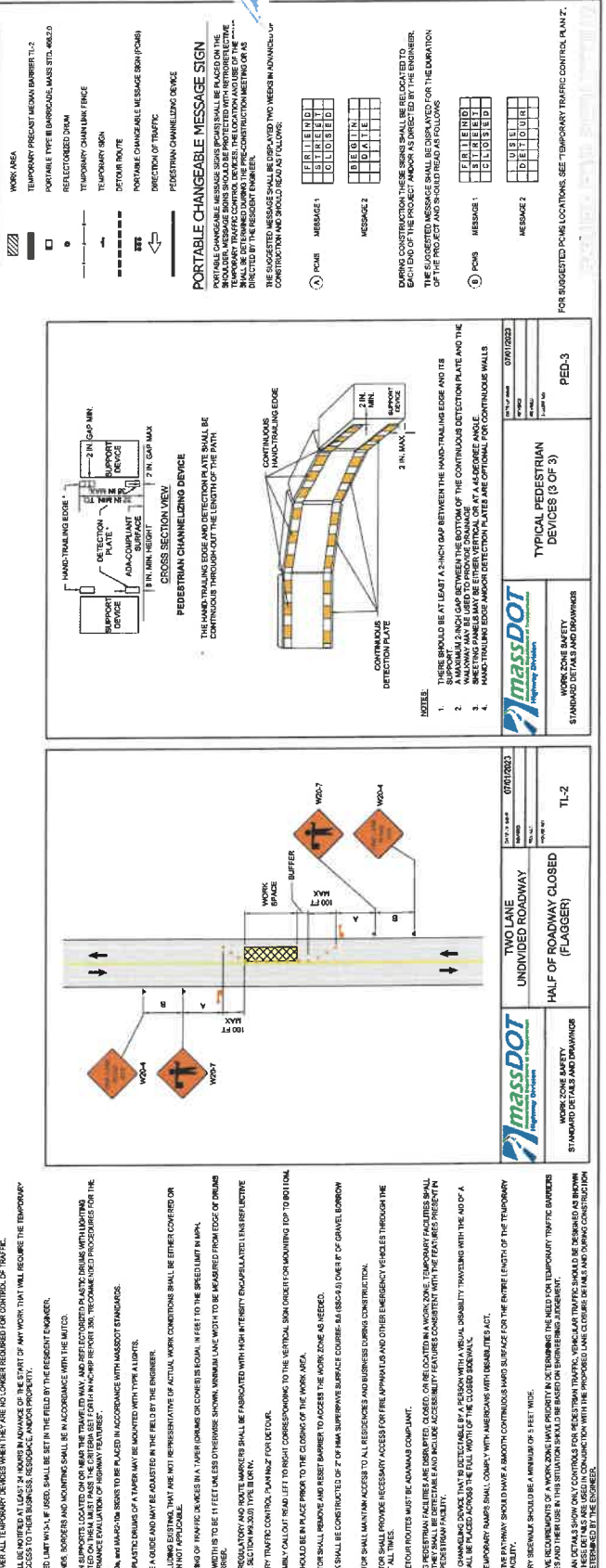
- ### WATER MAIN NOTES:
1. PRIOR TO STARTING WATER MAIN WORK AT FRIEND STREET AND LINDBERGH STREET, THE EXISTING WATER MAIN SHALL BE LOCATED AND DEPTH VERIFIED BY A REGISTERED PROFESSIONAL ENGINEER.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH AMESBURY WATER SUPPLY BOARD REQUIREMENTS.
 3. IF REQUIRED, CASING PIPE SHALL FULLY EXTEND BEHIND THE PROPOSED CURBLINE.
 4. UTILITY CASING PIPE FOR WATER MAIN SHALL BE HOT-DIP GALVANIZED.
 5. UTILITY CASING PIPE SHALL BE 18" MIN. OR SHALL BE INSTALLED SEPARATELY SUFFICIENTLY WELDED TOGETHER. THE METHOD OF WELDING SHALL BE SUBMITTED FOR APPROVAL BY THE ENGINEER.
 6. CASING END SEALS SHALL BE DETAIL TO BE WATER TIGHT.
 7. CONTRACTOR SHALL SUBMIT CASING PIPE DETAILS FOR APPROVAL BY THE ENGINEER. THE DETAILS SHALL INCLUDE: END SEALS, END SEALS, AND OTHER NECESSARY CONNECTIONS AND REQUIREMENTS. SEE SHEET 6.0.
 8. FOR TRENCHING AND BACKFILL REQUIREMENTS, SEE SHEET 6.0.
 9. FOR UTILITY LOCATIONS AND TYPES, SEE SHEET 6.0.
 10. CONSTRUCTION DETAILS AND MATERIALS REQUIRED MAY BE MODIFIED TO SUIT THE EXISTING CONDITIONS AND THE APPROVAL OF THE ENGINEER AND THE WATER DEPARTMENT.
 11. INSULATION FOR WATER MAIN PIPES SHALL BE INSTALLED IN AREAS OF LESS THAN 5'-0" OF GROUND COVER.
 12. ALL FITTINGS SHALL BE FULLY RESTRAINED MECHANICAL JOINTS. SUBMIT DETAILS FOR APPROVAL.
 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO CASTING PIPES AND TO AVOID EXISTING/PROPOSED OBSTRUCTIONS.
 14. CONTRACTOR SHALL SUBMIT ALL MATERIALS FOR APPROVAL BY THE ENGINEER.
- ### GAS UTILITY NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL GRID REQUIREMENTS AS SHOWN ON THE PLANS, CONTRACT DOCUMENTS, AND/OR PROVIDED BY NATIONAL GRID.
 2. THE PROTECTIVE MEMBRANE SHALL BE A POLYETHYLENE TYPE MATERIAL INSTALLED OVER THE GAS MAIN AND SHALL BE PROTECTED BY A 4" MIN. THICK CONCRETE SLAB. THE PROTECTIVE MEMBRANE SHALL BE COORDINATED WITH NATIONAL GRID GAS.
 3. THE PROTECTIVE MEMBRANE SHALL BE COORDINATED WITH NATIONAL GRID GAS.



nationalgrid	DATE	BY	CHK	APP
Amesbury	4/2/24	AS	MAN	MAN
CHS101003	4/2/24	AS	MAN	MAN



nationalgrid	DATE	BY	CHK	APP
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CHS101003	4/2/24	AS	MAN	MAN



- [illegible]

A PHMS

MESSAGE 1

P	R	I	E	N	D
C	H	I	L	E	D
G	I	V	E	N	O
E	N	D	E	R	O

MESSAGE 2

B	E	G	I	N	
D	A	T	E		

B PHMS

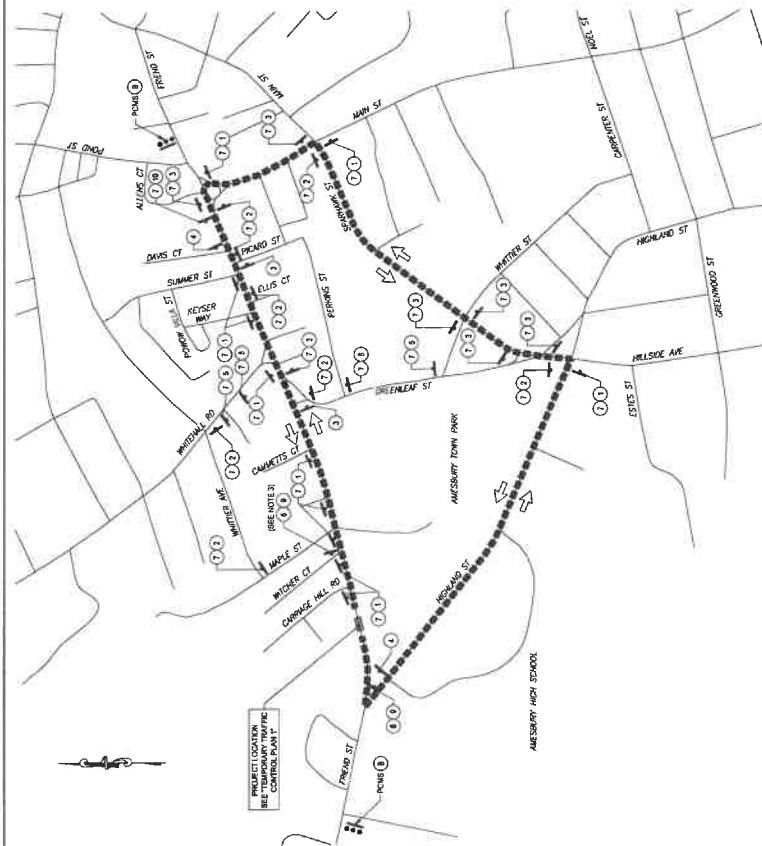
MESSAGE 1

P	R	I	E	N	D
C	H	I	L	E	D
G	I	V	E	N	O
E	N	D	E	R	O

MESSAGE 2

U	S	E			
D	E	T	O	U	R

DURING CONSTRUCTION THESE SIGNS SHALL BE USED TO INDICATE THE LOCATION OF THE END OF THE PROJECT AND/OR AS DIRECTED BY THE PROJECT MANAGER.
 THE SIGNPOSTED MESSAGE SHALL BE DISPLAYED TO THE END OF THE PROJECT AND SHOULD READ AS FOLLOWS



DETOUR LENGTH: 1.4 MILES
DETOUR MAP
SCALE: 1"=200'

DETOUR TRAFFIC SIGN SUMMARY

DETOUR TRAFFIC SIGN SUMMARY												
SYMBOL	IDENTIFICATION NUMBER	SIZE OF SIGN (IN FEET)		TEXT	TEXT DIMENSIONS			NUMBER OF SIGNS REQUIRED	COLOR	LEGEND	BORDER	UNIT AREA OF SIGN (SQUARE FEET)
		WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW					
1	M4-2L	30	24	DETOUR 	MATCHED STANDARD			11	FLUOR ORANGE	BLACK	BLACK	5.0
2	M4-2R	30	24	DETOUR 	MATCHED STANDARD			8	FLUOR ORANGE			5.0
3	M4-2V	30	24	DETOUR 	MATCHED STANDARD			9	FLUOR ORANGE			5.0
4	M4-2a	24	18	END DETOUR	MATCHED STANDARD			2	FLUOR ORANGE			3.0
5	W20-3	36	36		MATCHED STANDARD			2	FLUOR ORANGE			9.0
6	R11-4	60	30	ROAD CLOSED AHEAD LOCAL TRAFFIC ONLY 	MATCHED STANDARD			2	WHITE	BLACK	BLACK	12.5
7	SP-1	24	18	ROAD CLOSED AHEAD 	MATCHED STANDARD			30	FLUOR ORANGE	BLACK	BLACK	3.0
8	SP-2	36	36		MATCHED STANDARD			2	FLUOR ORANGE	BLACK	BLACK	9.0
9	M4-10R	48	18	ROAD CLOSED AHEAD 	MATCHED STANDARD			2	WHITE	BLACK	BLACK	8.0
10	M4-10L	48	18	ROAD CLOSED AHEAD 	MATCHED STANDARD			1	WHITE	BLACK	BLACK	8.0
TOTAL AREA OF SIGNS (SQUARE FEET)												315.00

NOTES

1. SEE TEMPORARY TRAFFIC CONTROL PLAN 11 FOR ALL NOTES PERTAINING TO THIS SHEET.
2. SEE TEMPORARY TRAFFIC CONTROL PLAN 11 FOR PEDESTRIAN DETOUR.
3. TRAFFIC CONTROL AND SIGN SET-UP SHALL MIMIC THAT SHOWN ON TEMPORARY TRAFFIC CONTROL PLAN 1.