



TOWN OF PLYMOUTH COMMUNITY PRESERVATION COMMITTEE

MEMO

TO: Town Meeting, Board of Selectmen, and the Advisory & Finance Committee
From: The Community Preservation Committee
Date: Friday, January 28, 2022
Re: Spring TM 2022: CPA Article 16B

ARTICLE 16B: To see if the Town will vote to transfer from Community Preservation available funds for a sum of money for dredging the Jenny pond to improve the water flow through Jenny pond along town brook on the property located off Summer Street Plymouth MA pursuant to G.L. c. 44B Section 12 and G.L. c. 184 Sections 31-33, and further to authorize the Board of Selectmen to grant an open space restriction or take any other action relative thereto.
COMMUNITY PRESERVATION COMMITTEE

CPC RECOMMENDATION: Approval (unanimous)

The Community Preservation Committee voted to recommend Article 16B to Annual Special Town Meeting 2022 on Thursday, January 20, 2021.

SUMMARY & INTENT:

The Community Preservation Committee is recommending Article 16B to Spring Annual Town Meeting 2022 to utilize \$1,100,500. CPA Funds for dredging work to improve the visual, ecological, economic health of Jenney Pond, Town Brook and the interconnected public park land leading to Plymouth Harbor. The current condition is decreasing the ability to support fish and wildlife populations. The Pond was created by the oldest dam located in North America in 1636 when the Pilgrims built the Grist Mill. Over the last five decades there has been an increase in sediment accumulation within the impoundment (dam) which has resulted in shallow water depths, increased nutrient loading, warmer water temperatures, lower dissolved oxygen levels, establishment of invasive species and threatening public health. Dredging would result in impoundment depths of 5 feet between the dam and the Jenney Pond footbridge resulting in improved water quality and aesthetics in the park and along the trails and pathways. The Office of Marine and Environmental Affairs is actively engaged in securing state and federal funds to match the CPA funding. The project is fully engineered and permitted. Any grants awarded would be put toward the project reducing the CPA funding from the Town Meeting Commitment.

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST FORM
FY23 ANNUAL TOWN MEETING REQUEST FORM**

Department: Department of Marine and Environmental Affairs	Priority #:	3 1
Project Title and Description: Dredging of Jenney Pond	Total Project Cost:	\$2,201,000

Department/Division Head: David Gould

Check if project is: New ☒ Resubmitted ☐ **Cost estimate was developed:** Internally ☐ Externally ☒

For project re-submittals, list prior year(s):

List any funding sources and amounts already granted: The Town will be seeking funding from NOAA as part of the new federal infrastructure funding.

Basis of Estimated Costs (attach additional information if available)			If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.		
Capital:	Cost	Comments	Fiscal Year:	Capital	Operations & Maintenance
<i>Planning and Design</i>			<i>FY23</i>		
<i>Labor and Materials</i>	\$1,100,500	Seeking 50% from Town and other 50% will be sought from federal sources	<i>FY24</i>		
<i>Administration</i>			<i>FY25</i>		
<i>Land Acquisition</i>			<i>FY26</i>		
<i>Equipment</i>			<i>FY27</i>		
<i>Other</i>					
<i>Contingency</i>					
Total Capital	\$2,201,000				

Project Justification and Objective: The project will significantly enhance the water quality and ecology of Jenney Pond and remove over 50 years of accumulated sediment from the impoundment and dam spillway. This will improve conditions in and around the dam structure when repair work and bypass work is performed.

For Capital Project Requests:

Will this project be phased over more than one fiscal year? If yes, enter it on the 5 Year Plan Yes ☐ No ☒
 Can this project be phased over more than one fiscal year? Yes ☐ No ☒

For Capital Equipment Requests:

Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

What is the expected lifespan of this new/replacement equipment: _____

Attach backup information, estimates, or justification to support this request.

Plymouth Community Preservation Committee

FISCAL YEAR 2020-2021 APPLICATION



THANK YOU FOR YOUR INTEREST IN PLYMOUTH'S COMMUNITY PRESERVATION ACT (CPA)

Attached is the Fiscal Year 2020-2021 Application for CPA funding. Please check with the Clerk's office at Town Hall or the Town web site for Town Meeting dates. The deadline for submission of applications to the Community Preservation Committee (CPC) is the last Friday in January for Spring Town Meeting and last Friday in June for Fall Town Meeting.

These deadlines are designed to provide the CPC and Town Departments sufficient time to review and discuss applications and supporting documentation, and to vote on recommendations for Town Meeting prior to the deadlines required under the Town's warrant process. The CPC reserves the right to accept or refuse an application submitted after the above deadlines.

IN THIS PACKET YOU WILL FIND THE FOLLOWING:

1. The one-page application form with instructions.
2. A Memorandum of Understanding describing the funding process and the responsibilities of those who receive CPA funding. Please read this document carefully, sign, and return with your application to confirm that you understand the process, and what your responsibilities will be if your application is approved by Town Meeting.
3. Information on eligibility for CPA funding, the proposal review and award process, and the CPC's goals and criteria for each of the three application categories—Open Space, Community Housing, and Historic Preservation.
4. Flowcharts showing the steps involved for each application category are found starting on page 10.
5. The appraisal process. If application is for consideration of an interest in real estate, an appraisal is required. Please review appraisal process.

Applications are accepted throughout the year. The CPC carefully reviews all applications before voting on which projects to recommend to Town Meeting. Any application not recommended to or approved at Town Meeting may be re-filed by the applicant to be considered for a future funding cycle.

IT IS IMPORTANT TO NOTE THAT WHILE THE CPC IS AN INDEPENDENT FUNDING ENTITY, ALL FUNDING DECISIONS ARE ULTIMATELY DECIDED BY VOTE OF TOWN MEETING.

- Application materials are revised annually by the CPC and presented to the citizens of Plymouth for review at an open forum.
- The application provides all necessary information about the CPA and the application process.
- The CPC may or may not choose to interview applicants.
- Applicants may be notified if questions arise before the CPC can vote on whether or not to present a project to Town Meeting.
- Once an application has been submitted to the CPC for consideration, all communication from the applicant, including questions, status inquiries, and addenda must be made in writing to the CPC.
- The CPC attempts to clearly outline the scope of the project at Town Meeting in order to define the project and educate Town Meeting members about benefits to the Town.
- After the Town Meeting vote, the applicant will be required to adhere to the language of the Article, as well as the presentation and supporting documents presented to Town Meeting.
- CPC oversight thereafter is only to approve invoices to ensure that expenses for a project are disbursed in accordance with the vote of Town Meeting.
- Applicants for CPA funding should include a financial and operational budget, and a preventive maintenance plan to ensure that future burdens will not be placed upon the taxpayers for a CPA funded project.
- The CPC reserves the right to rescind funding for projects.





- To ensure progress on CPA funded projects, the CPC requires a signed grant agreement prior to release of any CPA funds.
- The grant agreement may include provisions for a liaison to be added to the directors and/or management team for the project. The term of the liaison will end when the CPA appropriation has been expended.
- On certain projects the CPC may require the applicant to accept a designee appointed by the Town to the applicant's governing body. Third party oversight is beneficial for long term projects where changes in management can lead to shifting objectives and stalled progress.
- Applicants must demonstrate how the project will be fully funded prior to approval of the application, or demonstrate that other funding sources are immediately available to complete the project.
- The CPC strongly encourages applicants to seek other funding sources through grants from government agencies and private foundations, and as well as contributions from advocacy groups and public organizations.
- The CPA should be recognized in any property signs, media coverage, or interviews involving funded projects. Suggested acknowledgment may be as follows: *This project was made possible by the residents of the Town of Plymouth, through their contribution of CPA funds and vote of Town Meeting.*
- An application for a project that will require alterations to a building for adaptive reuse must include a report from a licensed architect regarding state and local building codes, ADA and safety issues, fire department inspection, and expected costs for any changes that must be made to the building.

In 2012 an addendum was attached to the Community Preservation Act legislation that allows towns to use CPA funds for renewal of existing town-owned parks and open spaces. The CPC is careful in its deliberations with this new potential use of funds to ensure that the Town does not depend upon CPA funding for projects that were previously in a Town budget. As the CPA changes and evolves at the state level, the Plymouth CPC works to respond to the changes. The CPC therefore is reaching out to residents to involve them in the decision making process. For example, the steering committees for village centers where the projects are located can provide valuable input into the design of a project.

As the Town prepares for the 400th anniversary of the arrival of *Mayflower II*, the CPC will continue to look favorably, as it has since its inception, on applications that enhance Plymouth's economic viability and historic significance. It is important to note that since 2002, CPA funds have generated more than \$10-million dollars for some of the most significant historic restoration projects in the Town.

Your questions are welcomed. The Plymouth Community Preservation Committee meets at 7 pm on the 2nd and 4th Thursday of each month at Plymouth Town Hall, 26 Court Street, Plymouth. If you prefer, you can reach the CPC at 508 789-5012.

COMMUNITY PRESERVATION COMMITTEE

Bill Keohan, *Chair* – Member at large

Joan Bartlett, *Vice Chair* – Member at large

Allen Hemberger, *Clerk* – Member at large

Russ Appleyard – Representative from Planning Board

Betty Cavacco – Representative from the Select Board

Frank Drollett – Representative from Conservation Commission

Russ Shirley – Representative from Housing Authority

Michael Tubin – Representative from Historic District Commission

Christine Pratt – Member at large





FISCAL YEAR 2020-2021 APPLICATION

Project Name: Jenney Pond Dredging

CPA Funding requested: \$ 2,100,000 If the amount is unknown, will an appraisal be needed?

☐ Y ☒ N (If yes see page 14 of the appraisal process)

Total project cost: \$ 2,201,000

Category—check all that apply: ☒ Open Space/Recreation ☐ Historic ☐ Housing

Lot and Plot: Map 19-000 Pond (4.1 ac)

Assessors Map #: Map 18-043 Park (9.69 ac)

Number of acres in parcel: 13.79 total

Number of proposed housing units: 0

Are there any existing deed restrictions on this property? ☒ No ☐ Don't know ☐ Yes/DESCRIBE

Describe restrictions below:

N/A

Project Sponsor/Organization: Town of Plymouth DMEA

Contact Name: David Gould

Address: 26 Court St.

Phone #: (508) 747-1620 x10134 E-mail: dgould@plymouth-ma.gov

D. Gould

Applicant Signature

10/17/21

Date submitted

APPLICATION REQUIREMENTS:

A complete application consists of this application page (the specific amount of CPA funding is required), along with the following:

- A detailed description of the project explaining how your proposal benefits the Town of Plymouth and how it meets CPA goals and selection criteria outlined at the end of this application packet.
- Are there any special permit, variance or other approvals required? Are there any legal ramifications or impediments to this project?
- A detailed project budget including any additional revenue sources. Will there be any annual costs to the town once the project is operational?
- A project timeline.
- Additional supporting information such as photographs, plot plans, and maps (if applicable).
- Applicant must provide all title information for the property.
- Applicant must initial each page in the space provided.





PLEASE SEND 11 COPIES (DOUBLE-SIDED) OF YOUR APPLICATION TO:
The Community Preservation Committee, Plymouth Town Hall
26 Court Street, Plymouth, MA 02360

Applications may also be dropped off at the Town Clerk's office.
or in the CPC mailbox at Plymouth Town Hall.

The deadline for submitting an application is last Friday in February for Spring Town Meeting,
and last Friday in June for Fall Town Meeting.

MEMORANDUM OF UNDERSTANDING

Project Name: Jenney Pond Dredging

Applicant Name: David Gould

Address: 26 Court St

Phone #: (508) 747-1620 x1034 E-mail: dgould@plymouth-ma.gov

I understand that there are certain conditions and responsibilities involved in receiving CPA funding.
My signature below indicates that I have read the following conditions and agree to follow them if my
application is recommended to and approved by Town Meeting:

1. I understand that the funding process follows procedures described in the Community Preservation Act, M.G.L. Ch. 44B and that this places certain restrictions on how payments may be made.
2. In order to acknowledge the Community Preservation Act, and thus the contributions of the Plymouth taxpayers, I will:
 - Order, pay for and place a temporary "Community Preservation Works" sign or banner in front of the project. The Community Preservation Committee will provide the approved design. Approximate cost for the banner is generally \$250-\$300.
 - Acknowledge the contributions of the Community Preservation Act in all press releases, newsletters, and other publicity.
 - Include recognition of the Community Preservation Act if a permanent plaque or sign is placed on the project.
3. If requested I will supply the Community Preservation Committee with quarterly financial up-dates the project.
4. As needed, I will assist in the process of obtaining the required deed restriction to help protect the property in perpetuity.
5. The Applicant agrees to adhere to the intent and the spirit of the presentation made to Town Meeting.

David Gould
Print Name

D Gould 10/7/21
Signature Date



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ELIGIBILITY FOR FUNDING

The Town of Plymouth is pleased to be able to offer Community Preservation Act (CPA) funds to applicants who propose projects that will benefit the Town and include one or more of the following:

1. The acquisition, creation and preservation of open space/recreational use;
2. The acquisition and preservation of historic resources;
3. The creation, preservation and support of community housing.

The Community Preservation Committee (CPC) encourages applicants to propose projects that encompass more than one of the above categories. Use of Community Preservation Act funds may not include maintenance of real or personal property or use of land for a stadium, gymnasium or similar structures.

It is important to understand that a deed restriction on CPA funded projects is a mandatory requirement by State law. A grant agreement may be required prior to funding of certain projects.

All proposed projects must meet the requirements described in the Community Preservation Act M.G.L. 44 B, Chapter 267 of the Acts of 2000 and Chapter 165 of the Acts of 2002.

Copies are available at Clerks Office in Plymouth Town Hall, the main branch of the Plymouth Library Reference Desk, and on line at www.massachusettslaws.com.

PROPOSAL REVIEW PROCESS

The Community Preservation Act (CPA) proposal review process is described below:

1. Upon receipt of eleven copies of a proposal, copies are distributed to all Community Preservation Committee (CPC) members. A copy also will be sent to legal counsel for opinion on eligibility. The entire CPC reviews each application to determine if the application is qualified for funding under the Act.
2. If the application qualifies, it is forwarded to the appropriate subcommittee (Community Housing, Historic or Open Space) for further review. Recreation proposals are reviewed by the entire committee.
3. The subcommittee reviews each proposal according to stated goals and ranking criteria (see later sections of this application). The CPC subcommittee may request input or recommendations from other town committees or boards.
4. At the request of the applicant or of a CPC member, the subcommittee will schedule an interview and/or site visit with the applicant, which may be attended by any CPC member. Site visits are for information only. Due to open meeting laws, applications will not be discussed until the next scheduled CPC meeting.
5. The subcommittee presents a favorable or non-favorable recommendation to the entire CPC.
6. The CPC shall next evaluate all applications using the following General Selection Criteria:
 - Feasibility
 - Efficient use of funds (multiple bids are encouraged)
 - Serves multiple needs and populations
 - Consistent with recent planning documents or other identified needs
 - Multiple sources of funding
 - Assists an under-served population
 - Addresses multiple categories of the Act
 - Requires urgent attention
 - Has means of financial support for future maintenance
 - Enhances town assets
7. The CPC will then vote on which applications to recommend to Town Meeting. Please note that satisfying all criteria does not guarantee that the CPC will recommend a proposal to Town Meeting.
8. Town Meeting votes to approve or not approve a project for funding.




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9. Proposals approved by Town Meeting shall be funded by the CPC and implemented by the applicant.
10. At any stage in which an application is rejected, the committee will notify the applicant.

AWARD PROCESS

Before submitting your application please be aware of the following:

- Funds are paid out according to the guidelines of the Massachusetts Procurement Law (MGL 41). This means payment will be made for bills submitted for services rendered. In order to receive funds, the applicant must submit original invoices showing the organization's Tax ID number (no statements or copies) with a completed and signed W-9 Federal Tax Form for each invoice submitted.
- Also required is a memo from the applicant summarizing the services covered by each invoice. These documents are reviewed and approved by CPC and then submitted to the Town for payment.
- The CPC will provide successful applicants with a detailed memo describing the complete award process, which adheres to the guidelines of Massachusetts Procurement Law.
- Funds may be spent only on items listed on the budget submitted with the application. Any changes to budgets which involve use of CPA funds must be approved by the CPC. Funding from the CPC may not be used to replace, or free up for any other use, alternate funds or revenue sources.
- It is a requirement of the Community Preservation Act that projects have a deed restriction or confirmation that the Department of Revenue is satisfied with the status of the restriction.
- Applicants agree to note the CPA as a funding source for their project. This acknowledgment must appear on any materials involving the project (i.e. press releases, brochures, etc.). In order for Plymouth's citizens to see the result of their tax funding, a CPC designed banner or sign will be purchased by the applicant and displayed on the property for up to six months after receipt of the award and recognition of the Town of Plymouth's CPA contribution must be included in any signage on the property.
- Signature on the application indicates that the applicant has the right to enter into contracts for the organization seeking funding and has read and understands all regulations in this packet.

OPEN SPACE GOALS AND CRITERIA

Because of increased and ongoing development pressure in Plymouth, the preservation of Open Space is becoming increasingly important. With property values rising in recent years, the acquisition of Open Space has become increasingly difficult and urgent. The CPA is a proactive tool for the community to preserve our quality of life, the purity of our water, control property taxes and find a balance between economic development and preservation. Note that all Chapter 61 notifications to the Town are considered standing CPA applications.

Changes in the 2012 Massachusetts General Laws, Chapter 44 B, allow CPA funds to be used for certain restoration projects that were not originally purchased using CPA funds. The Community Preservation Committee reserves the right to carefully consider such projects to ensure that they are in compliance with the wishes of the Plymouth citizens who voted to adopt the original CPA in 2002, and who may not agree with the new provisions for such uses. Demonstration of 70% match is encouraged and expected for projects at sites that were not initially purchased using CPA funds.

The Community Preservation Committee solicits input from the Town's Open Space Committee, Conservation Commission, as well as other town boards, committees and the public, in identifying goals for open space protection, which include:

- Goal 1: Preserve Plymouth's rural character.
- Goal 2: Protect rare, unique and endangered plant and wildlife habitat.
- Goal 3: Protect aquifer and aquifer recharge areas to preserve quality and quantity of future water supply.





- Goal 4: Ensure adequate size and connection of protected natural areas to maximize environmental and habitat benefits.
- Goal 5: Balance open space with development demand to reduce service demands and tax burden on town.
- Goal 6: Increase the town's ability to protect environmentally sensitive, historic and culturally significant properties.
- Goal 7: Improve public access and trail linkages to existing conservation, recreational and other land uses.
- Goal 8: Enhance the quality and variety of passive and active recreational opportunities for all age groups and for people with disabilities.
- Goal 9: Utilize open space protection strategies (purchasing development rights as an option to outright purchases of property) that maximize protection at the lowest public cost.
- Goal 10: Contribute to the Town's preparation for the 400th anniversary in 2020 of the landing of the Pilgrims.

The following are examples of the types of Open Space (and Recreation) projects that the CPC might consider funding:

- Purchasing land or interest in land (development rights) to protect public drinking water supply, preserve natural resources, maintain scenic views, build greenbelts and trail systems, and enhance passive recreational opportunities.
- Purchasing community-enhancing green space outright or purchasing development rights through mechanisms such as permanent conservation restrictions or agricultural preservation restrictions.
- Matching or augmenting funds available under various land trust or conservation programs.
- Exercising rights of first refusal when lands are removed from agricultural, forest and recreational restrictions (e.g., Chapter 61, 61A, 61B).
- Purchasing land for public active recreation facilities such as community gardens, play grounds, trail networks and ball fields.
- Parcels of land that, when preserved, are deemed to have a significantly positive net fiscal impact on town finances.

HISTORIC PRESERVATION GOALS AND CRITERIA

The Town of Plymouth has a rich diversity of historic resources; the Community Preservation Act goals for preserving these historic resources include:

- Goal 1: Protect historic resources with preservation restrictions.
- Goal 2: Optimize the use and enjoyment of the Town's historic resources for residents and visitors
- Goal 3: Maximize the economic benefits of Plymouth's heritage and historic character for the town and region.
- Goal 4: Recognize, preserve and enhance the historic heritage and character of the Town of Plymouth for current and future generations.
- Goal 5: Contribute to the Town's preparation for the 400th anniversary in 2020 of the landing of the Pilgrims.

In order for a historic resource to be eligible for CPA funding, it must first be determined to be not just "old" but of historic significance. The burden of proving historic significance is the responsibility of the applicant. In order to be of historic significance, a property must have retained its physical character and integrity and must:

1. be associated with historically significant persons
2. be architecturally significant or
3. have potential to yield important historic or archaeological information.

According to the CPA, there are 3 ways a resource can qualify as historically significant:

1. Listing on the Federal, State, or Local Register of Historic Places,





2. A written determination by the Massachusetts Historical Commission that a resource is eligible for listing on the State Register of Historic Places, or
3. A written determination by the Plymouth Historic District Commission that a resource is significant for its history, archeology, architecture, or cultural value.

If a property is not already listed on the State Register of Historic Places, and does not have written determination of eligibility by the Massachusetts Historical Commission, a request for written determination may be made through the Plymouth Historic District Commission. Application forms are available at the Plymouth Historic District Commission Office at Town Hall.

In deciding whether or not to recommend funding for specific historic resource projects, the CPC will consider:

- Level of historic significance
- Public benefit
- Public support
- Appropriateness & professionalism of proposed work (rehabilitation work is expected to comply with Standards for Rehabilitation stated in the United States Secretary of the Interior's Standards for the Treatment of Historic Properties)
- Level of additional financial or in-kind services, beyond CPA funds, committed to the project
- Administrative and financial management capabilities of the applicant in order to ensure that the project is carried out in a timely manner, and that the historic resource can be maintained with existing funds for continued public benefit.

PLEASE NOTE: The CPA specifically excludes funding for maintenance. The Act does allow for the remodeling, reconstruction and making of extraordinary repairs to historic resources for the purpose of making such historic resources functional for their intended use, including but not limited to improvements to comply with Americans with Disabilities Act and other federal, state or local building or access codes.

COMMUNITY HOUSING GOALS AND CRITERIA

CPA funds may be used to create and preserve community housing defined as housing for low and moderate income individuals and families, including low or moderate income senior housing. The Act requires the CPC to recommend, wherever possible, the adaptive reuse of existing buildings or construction of new buildings on previously developed sites.

Individual and family incomes shall be based on the area wide median income as determined by the United States Department of Housing and Urban Development. Low income is defined as an annual income of less than 80% of the area wide median income. Moderate income is defined as less than 100% of the area wide median income. Low or moderate senior income is defined as low or moderate income for persons over 60.

At present, 4.5% of Plymouth's housing units are classified as affordable "subsidized housing" by the State's Department of Housing and Community Development (for the purposes of M.G.L. Chapter 40B). As long as Plymouth does not meet the State's standard of 10% of its available housing stock deemed affordable, the town will continue to be subject to the punitive impacts of Chapter 40B developments that, by state law, fall outside local zoning control.

The complexity of housing issues requires thoughtful consideration to the many options available to the Town of Plymouth. We acknowledge that funding of the housing needs of our town is a complex issue. The CPC will try to address these pressing needs with practical and fundable solutions that provide affordable housing alternatives. The Community Preservation Committee looks forward to working with developers in finding creative alternatives to conventional Chapter 40B housing.

The CPC's goals for community housing are as follows:

Goal 1: The Act requires the Committee to recommend, wherever possible, the adaptive reuse of existing buildings or construction of new building on previously developed sites.



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- Goal 2: Meet local housing needs for eligible low and moderate-income individuals and families. The preservation and creation of community housing is a proven method for promoting diversity, allowing individuals and families with more limited means to afford to live in town. The town can utilize CPA funds to offer current and future residents a wide range of housing options in renovated, converted and existing residential building, mixed-use developments, and senior residential developments, supportive housing alternative and live-work spaces.
- Goal 3: Ensure the new community housing meets or exceeds surrounding community standards with regard to density, architectural character, landscaping, pedestrian and other amenities, while conserving, as much as possible, the natural landscape.
- Goal 4: Work toward meeting the 10% State standard for community housing. In order to ensure future community housing development is consistent with the needs and character of the town, Plymouth must work toward the state's 10% community housing standard. Until that milestone is achieved, the town will be considered deficient in this area and will continue to be vulnerable to Chapter 40B applications.
- Goal 5: Leverage other public and private resources to the greatest extent possible: Plymouth does not receive federal or state funding for community housing on an entitlement basis. We need to be creative in leveraging public and private resources to make community housing development possible. Combining CPA Funds with the various private, state, and federal resources that are available on a non-entitlement "competitive" basis will demonstrate creativity. This will include Federal Home Loan Bank Funds, State HOME funds, Housing Stabilization funds, and Housing Innovations funds, and Federal Low Income Housing Tax Credits.
- Goal 6: Contribute to the Town's preparation for the 400th anniversary in 2020 of the landing of the Pilgrims.

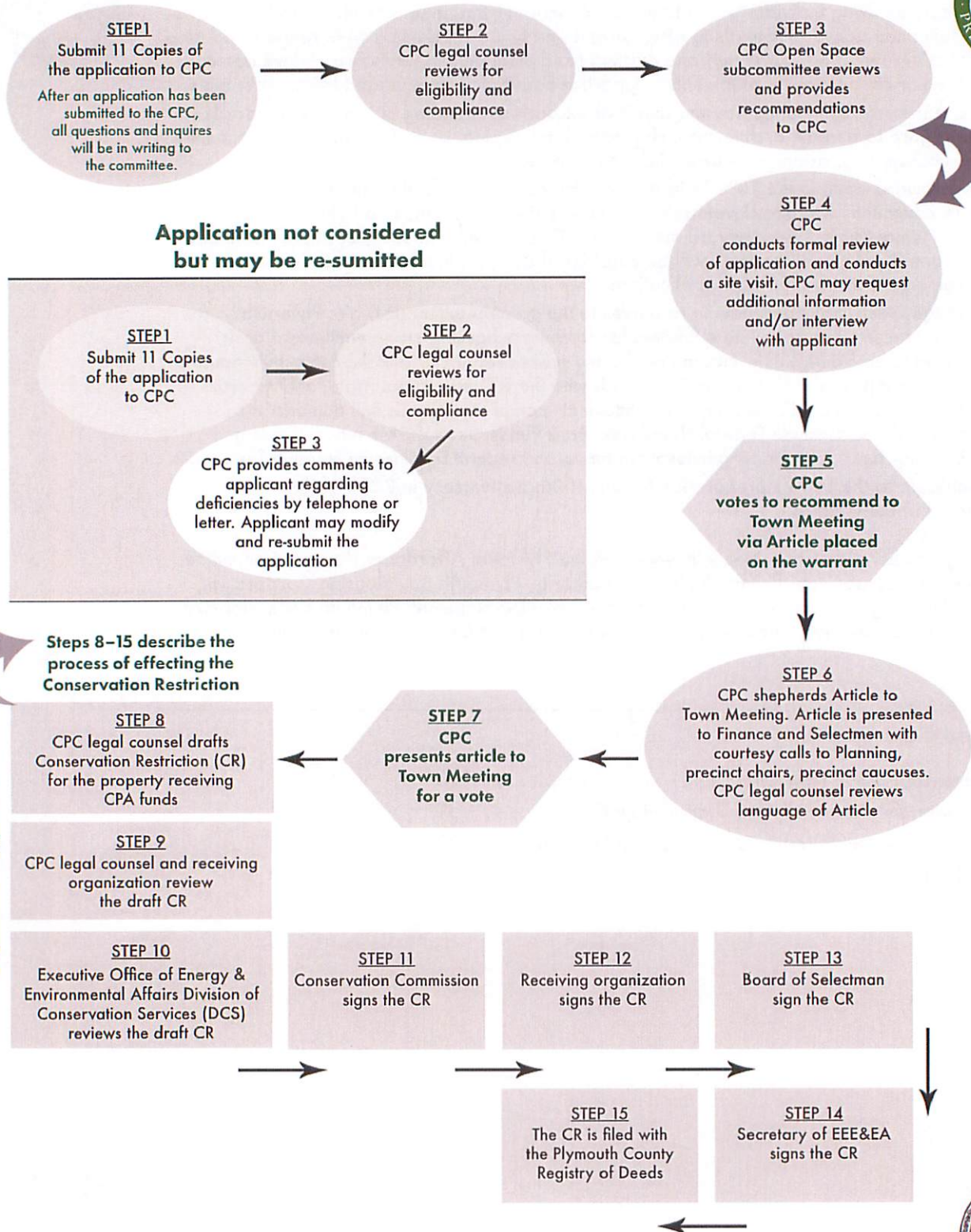
The Community Preservation Committee will work with the Plymouth Affordable Housing Committee, Plymouth Housing Incorporated, Plymouth Housing Authority, Plymouth Bay Housing Corporation, Department of Planning & Development, Plymouth Community Development, Plymouth Redevelopment Authority and all interested organizations, groups and citizens to meet the above stated goals.

Step by Step Flow Charts:

- Open Space Application Flow Chart10
- Historic Preservation Restriction Application Flow Chart 11
- Affordable Housing Deed Restriction Application Flow Chart 12
- Payment Chart13



OPEN SPACE APPLICATION FLOW CHART

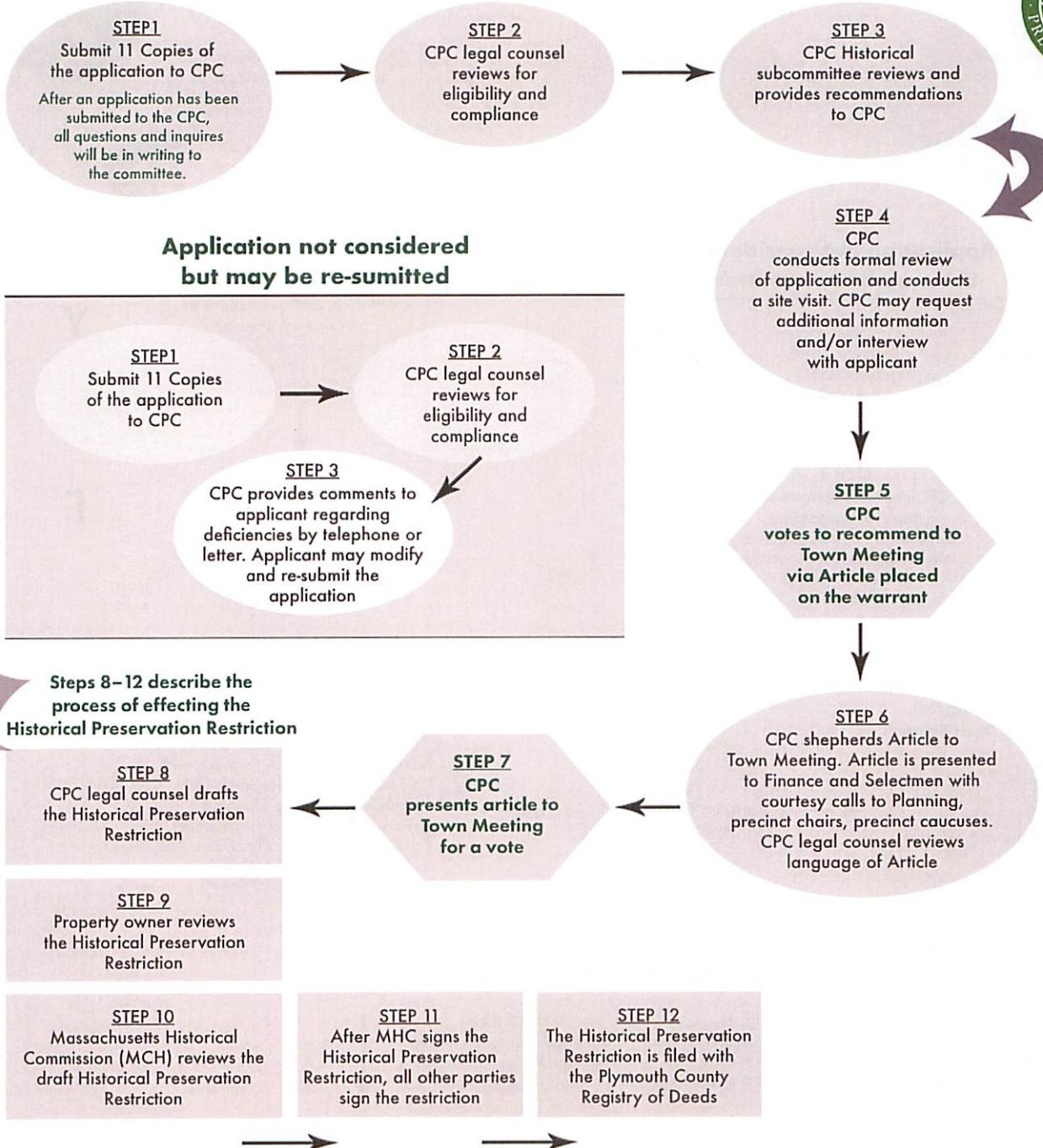


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HISTORICAL PRESERVATION RESTRICTION APPLICATION FLOW CHART



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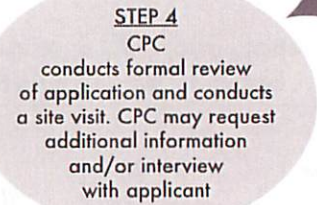
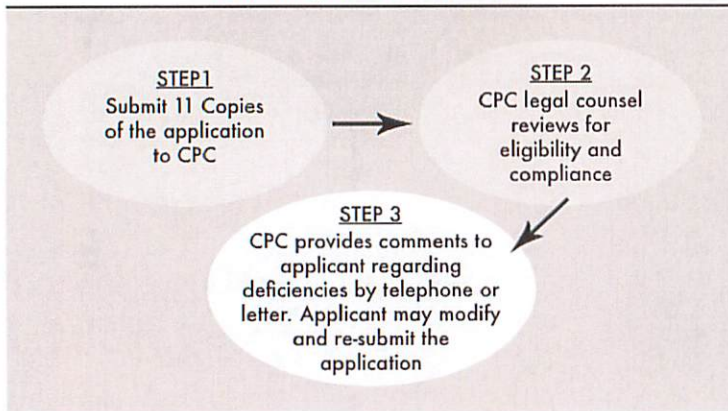


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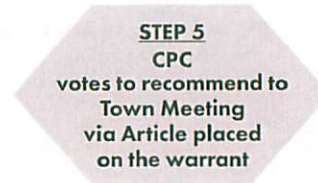
AFFORDABLE HOUSING DEED RESTRICTION APPLICATION FLOW CHART



Application not considered but may be re-submitted

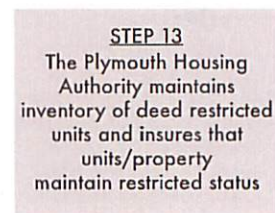
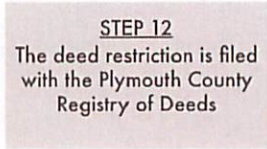
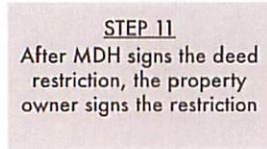
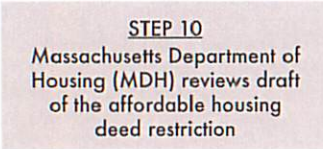
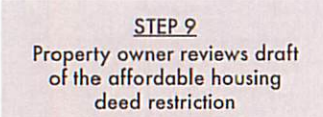
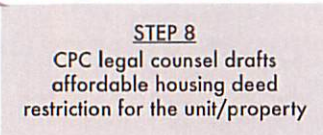
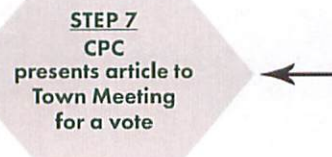
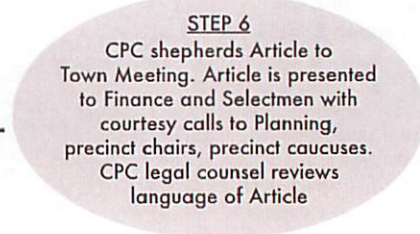


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PAYMENT CHART



STEP 1
Project Liaison submits invoice to CPC
at Town Hall on 26 Court Street
A signed original W-9 Form is re-
quired with the invoice for each new
vendor not on file with the Town
Submission must be at least
3 days before CPC meeting

STEP 2
CPC Chair prepares cover memo
for CPC to sign
5 of 9 signatures are required

STEP 3
CPC delivers approved invoice to
Finance Department mailbox

STEP 4
Finance Department date-stamps and
reviews the invoice and prepares a
draft warrant

STEP 5
Finance Department forwards the
invoice and draft warrant to
Accounts Payable

STEP 6
Accounts Payable writes the
final warrant
Final warrant is signed the Town
Manager and Finance Director
Payment requests are processed on
Thursdays and checks are mailed
within a week

STEP 7
Accounts Payable provides CPC with
monthly reports summarizing
payments from the previous month

NOTE:

Prior to distribution of CPC
funds, applicant meets with
CPC and Town Finance
Department to review
payment procedures and
designate a Project Liaison

Although every effort is
made to pay within 30 days,
there are a number of steps,
anyone of which can delay
the process. As a result
payments are not always
made within 30 days.



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initial here



APPRAISAL PROCESS

Applicants who are proposing a sale of interest in real estate must agree to follow the Community Preservation Committee's (CPC) appraisal process as outlined below:

1. Both the applicant and the CPC will suggest two appraisers each.
2. Each party (the applicant and the CPC) will call the other party's appraisers to get:
 - a) an estimate of cost
 - b) a description of the scope of work
 - c) the date when work will be complete.
3. After interviewing each other's choices, both parties will agree to hire one of the four appraisers.
4. The cost will be shared by both parties. If the application is approved and the sale goes through, the CPC will reimburse the seller for their share of the appraisal process.
5. The chosen appraiser will meet with the applicant, the CPC, and appropriate Town staff pertaining to housing, historical, or open space. The purpose of this meeting is in order that all will understand and be in agreement.
6. Any communication among the applicant, the CPC, and staff must be cc'd to all, so that there is confidence and agreement in the results of the work.

NOTE:

The CPC has found that the practice of appointing a mutually agreed upon appraiser is effective in defining a range of values to allow a discussion of possible sale.

Plymouth Town Hall
1820 Courthouse, 1st floor
26 Court Street
Plymouth, MA 02360

CPC office: 508 789-5012



Open Space Application

Project Overview

The Jenney Pond dredging project seeks to improve the ecological health and recreational opportunities at Jenney Pond through a limited dredging project within the riverine portion of the impoundment.

Deposition of sediments allow excessive plant growth in the accumulating nutrient rich sediment. Decreased DO and eutrophication of the pond which has decreased the ecological health of the pond. This application seeks to fund dredging work to improve the visual and ecological health of the Jenney Pond, Town Brook and the surrounding public park land.

Decreased its ability to support fish and wildlife populations.

Jenney Pond is an artificial impoundment created by the Jenney Pond Dam located at Spring Lane. Historic names of the pond include Slaughterhouse and Alms House with the current Jenney name being used since the redevelopment era in the 1960's.

A dam, in some form, has been at this location since 1636 making the impoundment behind it similar in age and historic value.

Records indicate that the impoundment was last dredged in 1968. Sediment deposition from natural processes over the last 53 years along with stormwater runoff and fine sediment deposition from upstream dam removal projects has led to decreased water depths in the pond. Nutrient levels within the sediment have led to impaired water quality and algae blooms which detract from the habitat value within the impoundment as well as the aesthetics of the waterbody and the adjacent park land.

The project consists of the dredging of the northern portion of Jenney Pond, which is owned and maintained by the Town of Plymouth (the Town). Approximately 6,350 cubic yards (cy) of sediment will be removed using hydraulic dredging methods, which will not require any drawdown of the pond. Jenney Pond Park, which abuts the eastern shoreline of the pond, will be used to stage the geo-tubes which will be used for dewatering the dredged sediment slurry. According to the ENF, the Town anticipates performing maintenance dredging of the pond at a 20-year interval, based on observations of similar ponds in the region that require maintenance dredging. EEA# 16364 ENF Certificate May 24, 2021, 2 Project Site The 4.1-acre project site includes the northern portion of Jenney Pond and portions of Jenney Pond Park, which consists of a paved parking lot, maintained lawn, pedestrian pathways, and a wooded riparian zone along the pond edge. An 8,100 square foot (sf) area of Jenney Pond Park, specifically portions of the lawn and paved parking lot, will be utilized during dredging activities. Residential areas are located along the north and west shorelines of the pond; undeveloped forest areas, wetlands, and residential areas border the southern shoreline of the pond. Jenney Pond is an upstream impoundment of the Jenney Pond Dam, located on Town Brook. The pond is approximately 4.5-acres, with the pedestrian footbridge dividing Jenney Pond into a 3.5-acre southern section and 1-acre northern section. The ENF states the footbridge was constructed in 1968, the same year the last

known dredging of the impoundment occurred. Town Brook flows into the northern section of the pond, which receives the bulk of sediment deposition.

Over the last five decades there has been an increase in sediment accumulation within the impoundment which has resulted in shallow water depths, increased nutrient loading, warmer water temperatures, lower dissolved oxygen levels, and establishment of invasive species. In 2014, the average water depth in the northern section of the pond was reported as between 3 and 4 feet; in 2021 the average water depth was found to be under 2 feet. The project site includes several wetland resource areas associated with Jenney Pond and Town Brook, including Bank, Land Under Water (LUW), and Bordering Land Subject to Flooding (BLSF). Portions of the project site are mapped as a Federal Emergency Management Agency (FEMA) Flood Zone AE (an area inundated during a 100-year storm), with a Base Flood Elevation (BFE) of elevation (el.) 21 ft NAVD88, as well being mapped as a Regulatory Floodway. The project site is not located in Priority and/or Estimated Habitat as mapped by the Division of Fisheries and Wildlife's (Mass Wildlife) Natural Heritage and Endangered Species Program (NHESP) or an Area of Critical Environmental Concern (ACEC). The site does not contain any structures listed in the State Register of Historic Places or the Massachusetts Historical Commission's (MHC) Inventory of Historic and Archaeological Assets of the Commonwealth.

Enhancement of existing Town-owned open space, recreation, historic, and/or housing assets – The proposal enhances and improves recreational uses within Jenney Pond, restores degraded portions of open space and protects the historic and cultural resources of Jenney Pond, as well as its water quality.

A significant improvement in water clarity, dissolved oxygen and fish habitat will result from the proposed work. The removal and disposal of decades of accumulated sediment from the area and properly disposed of within a landfill will also enhance habitat quality as well as public health.

Service of Multiple or Underserved Populations – Town lands are public and open to all members of the community. At Jenney this means hiking, walking, picnicking and fishing.

The project has gone through the environmental permitting process including the local Conservation Commission, MEPA, 401 Water Quality Certificate, MA DEP Order of Conditions, USACE and Chapter 91.

Jurisdiction and Permitting This project is subject to MEPA review and preparation of an ENF pursuant to 301 CMR 11.03(3)(b)(1)(f) because it requires a State Agency Action and will alter one half or more acres of any other wetlands (LUW and BLSF). The project requires a 401 Water Quality Certificate (WQC), and a Chapter 91 (c.91) License from the Massachusetts Department of Environmental Protection (MassDEP). The project will require an Order of Conditions from the Plymouth Conservation Commission (or in the case of an appeal, a Superseding Order of Conditions from MassDEP). The project requires authorization from the U.S. Army Corps of Engineers (USACE) under the General Permits for Massachusetts in accordance with Section 404 of the Federal Clean Water Act. The project is not receiving Financial Assistance from the Commonwealth. Therefore, MEPA jurisdiction is limited to those aspects of the project that are within the subject matter of any required or potentially required Agency Actions and that may cause Damage to the Environment, as defined in the MEPA regulations. Review of the ENF The ENF provided a description of existing and proposed conditions, preliminary project plans, a wetlands delineation report, sediment sampling analysis, and identified measures to avoid, minimize and mitigate environmental impacts. Comments from State Agencies do not identify any significant

impacts that were not reviewed in the ENF, note deficiencies in the alternatives analysis, or identify additional alternatives for further review. Alternatives Analysis The ENF included an evaluation of project alternatives based on their ability to meet the project purpose while minimizing environmental impacts. The project purpose was identified as improving water quality and aquatic habitat for fish and wildlife species, enhancing the visual aesthetics of a public resource, reducing long-term maintenance costs associated with invasive species control, and promoting public enjoyment of a public resource. The ENF evaluated a No-Action Alternative, Dredge Less Sediment Alternative, Chemical Treatment of Submerged Aquatic Invasive Vegetation with No Dredging Alternative, and several alternative dredge methods to remove the proposed volume, in addition to the Preferred Alternative. The No-Action Alternative would maintain existing conditions and would not result in any environmental impacts but was dismissed as it would not meet the project purpose and would result in continued impairment of the water quality and habitat functions of the pond. The Dredge Less Alternative would involve dredging 3,750 cy of sediment (opposed to the 6,350-cy proposed in the Preferred Alternative), which would result in an average water depth of approximately 3 feet. According to the ENF, the reduced dredging volume would be unlikely to meet project goals and would require more frequent maintenance dredging, and so it was dismissed. The Chemical Treatment of Submerged Aquatic Invasive Vegetation with No Dredging Alternative would address the presence of aquatic invasive vegetation in the pond through the use of herbicides without alteration of wetland resource areas (specifically Bank and LUW). The ENF indicated that this Alternative was dismissed as it would EEA# 16364 ENF Certificate May 24, 2021, 4 not meet the project purpose and would not address the increasingly shallow depth of the pond which is the primary cause of the invasive species establishment. The ENF evaluated several alternative dredging methods, including conventional dredging (complete drawdown of the pond and excavation of sediments in the dry); clamshell dredging (the use of a clamshell bucket and crane to remove the sediment from the bottom of the pond, which would then be pulled through the water column); and dragline dredging (use of a dragline excavator from the shoreline, which would likely require partial dewatering). These methods were dismissed in favor of the Preferred Alternative as, according to the ENF, all alternative methods evaluated would result in greater impacts to environmental resources and greater disruption of fish and wildlife as compared to the Preferred Alternative. The Preferred Alternative proposes the use of hydraulic dredging methods, where a sediment slurry is pumped out of the pond and into a collection system consisting of geotubes, which will separate the water and sediment from the slurry. The water from the dewatered sediment will be directed from the geo-tube system into existing on-site stormwater catch basins which discharge back into Jenney Pond. The separated sediments will be stockpiled on-site prior to disposal. No dewatering of the pond will be required. According to the ENF, the Preferred Alternative was selected as it achieves project goals while minimizing environmental impacts. Wetlands and Wildlife The project will permanently impact 43,666 sf of LUW and temporarily impact 24 lf of Bank and 2,700 sf of BLSF. No reduction in flood storage volume within BLSF is proposed. The ENF states that any temporarily impacted resources will be restored to pre-existing conditions. A turbidity curtain will be used to minimize migration of sediments through Town Brook during dredging activities. The Plymouth Conservation Commission will review the project for its consistency with the Wetlands Protections Act (WPA), the Wetland Regulations (310 CMR 10.00), and associated performance standards. The project proposes 6,350 cy of dredging for a finished pond bottom elevation of 17 feet (NAVD 88), or an average water depth of approximately 5 feet. As noted in comments from MassDEP, the project will require a 401 WQC in accordance with 314 CMR 9.04(12) because it will dredge greater than 100 cy of sediment.

MassDEP will review the project for its compliance with the 401 WQC Regulations (314 CMR 9.00). Comments from MassDEP state that the replacement of the pedestrian footbridge can be authorized through a c.91 Minor Modification to an existing Public Service Project (as defined in 310 CMR 9.02), however the dredging of Jenney Pond will require the submittal of a new application for a c.91 Permit. I refer the Proponent to comments from MassDEP which identify additional information regarding the disposal of dredged material and wildlife habitat that should be provided during the 401 WQC and c.91 permitting process. The project includes the creation of fish habitat following dredging activities and the use of TOY restrictions to minimize impacts to fisheries and wildlife. Comments from the Massachusetts Department of Marine Fisheries (DMF) state that Alewife (*Alosa pseudoharengus*) and American eel (*Anguilla rostrata*) are seasonally present in Jenney Pond, and rainbow smelt (*Osmerus mordax*) and blueback herring (*Alosa aestivalis*) are present in the associated Town Brook system. The ENF proposes a TOY restriction of March 1 through June 15 to avoid impacts to fish species during migration season. Comments from DMF state that, based on the fish species present in the project area, TOY restrictions on in-water work should be implemented between March 1 through June 30 and September 1 through November 15 to minimize impacts from the project. The ENF indicates project construction will occur EEA# 16364 ENF Certificate May 24, 2021, 5 between the months of November and February. I refer the Proponent to comments from DMF for more information regarding construction timing and associated impacts to fish species and habitat. Climate Change Adaptation and Resiliency Governor Baker's Executive Order 569: Establishing an Integrated Climate Change Strategy for the Commonwealth (EO 569; the Order) was issued on September 16, 2016. The Order recognizes the serious threat presented by climate change and direct Executive Branch agencies to develop and implement an integrated strategy that leverages state resources to combat climate change and prepare for its impacts. The Order seeks to ensure that Massachusetts will meet GHG emissions reduction limits established under the Global Warming Solution Act of 2008 (GWSA) and will work to prepare state government and cities and towns for the impacts of climate change. I note that the MEPA statute directs all State Agencies to consider reasonably foreseeable climate change impacts, including additional greenhouse gas emissions, and effects, such as predicted sea level rise, when issuing permits, licenses and other administrative approvals and decisions. M.G.L. c. 30, § 61. As stated above, portions of the project site are located within FEMA Flood Zone AE and are designated as a Regulatory Floodway. The ENF states the project takes into account future climate conditions and anticipated increases in regional precipitation and flooding levels. According to the ENF, the project activities will not result in changes to the existing flood storage areas located upstream or downstream of the project site. Additionally, the ENF states that survey data indicates there is currently excess storage capacity within the immediate vicinity of the project site that can accommodate future precipitation levels. As described above, no loss of flood storage volume within BLSF in the project area is proposed. Construction As described in the ENF, the project will be constructed in two phases. Phase 1 will consist of minimal vegetation clearing, setting up geotube dewatering areas with discharge piping and drainage swales, installing temporary erosion and sedimentation controls, and hydraulic dredging of the pond to a bottom elevation of 17 feet (NAVD 88). Following dredging, all aquatic habitat features will be installed, and all exposed soils will be reseeded with a native erosion control seed mix. Phase 2 will consist of the removal and reconstruction of the pedestrian bridge over Jenney Pond. All disturbed areas will be restored to existing conditions. According to the ENF, project construction is expected to commence in November 2021 and be completed in February 2022. Comments from the Massachusetts Board of Underwater and Archaeological Resources (BUAR) indicate that there is no record of any underwater archaeological

resources in the project area and that the project is unlikely to impact submerged cultural resources. However, BUAR states the area may be archaeologically sensitive, and should heretofore unknown archaeological resources be encountered during the course of work, the Proponent should take steps to limit adverse effects and notify BUAR and MHC, as well as other appropriate agencies, immediately in accordance with the Board's Policy Guidance for the Discovery of Unanticipated Archaeological Resources. All construction activities should be managed in accordance with applicable MassDEP's regulations regarding Air Pollution Control (310 CMR 7.01, 7.09-7.10), and Solid Waste Facilities (310 EEA# 16364 ENF Certificate May 24, 2021, 6 CMR 16.00 and 310 CMR 19.00, including the waste ban provision at 310 CMR 19.017). The project should include measures to reduce construction period impacts (e.g., noise, dust, odor, solid waste management) and emissions of air pollutants from equipment, including anti-idling measures in accordance with the Air Quality regulations (310 CMR 7.11). I encourage the Proponent to require that its contractors use construction equipment with engines manufactured to Tier 4 federal emission standards or select project contractors that have installed retrofit emissions control devices or vehicles that use alternative fuels to reduce emissions of volatile organic compounds (VOCs), carbon monoxide (CO) and particulate matter (PM) from diesel-powered equipment. Off-road vehicles are required to use ultra-low sulfur diesel fuel (ULSD). If oil and/or hazardous materials are found during construction, the Proponent should notify MassDEP in accordance with the Massachusetts Contingency Plan (310 CMR 40.00). All construction activities should be undertaken in compliance with the conditions of all State and local permits. Conclusion The ENF has adequately described and analyzed the project and its alternatives, and assessed it

Economics

Many weddings and photo events take place on or near the footbridge and pond. With the new bridge and a dredged pond these activities will continue and perhaps increase. The dredging enhances the quality of the park and the abutting neighborhood, homes and businesses.

Project Funding

There are no known funding sources on the state level for the dredging of fresh-water artificial impoundments. We have requested the use of federal ARPA Funds provided to the Town towards this project but to date no decision has been made on that request.

Funding in the amount of **\$101,000** from the Environmental Affairs Fund was utilized to complete all of the necessary engineering and permitting for this project.

Budget

An attached budget sheet is attached to this application indicating the engineer's estimate of \$1,896,750. Due to the fact that this estimate will be one year old before any construction can commence and the volatile solid waste disposal market that exists in Massachusetts due to limited capacity and stringent regulations that are constantly changing, we would respectfully request funding in the amount of **\$2,100,000**.

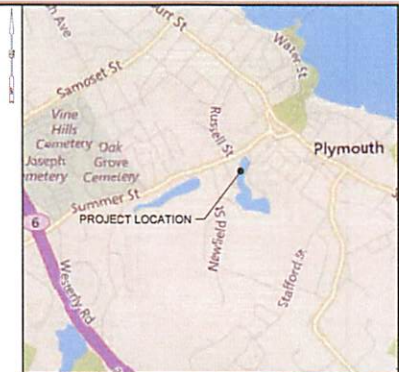
Eligibility – Under the CPA legislation, CPA funds can be used for “the acquisition, creation, and preservation of open space” and for “recreational use”. This proposal seeks to restore Town-owned open space, thereby preserving and improving the ecological health of the pond while enhancing the recreational experience of all users of Town land. This proposal meets two of the four CPA purposes: open space preservation and recreation. There are several examples of municipalities using CPA funds to perform dredging activities.

OPINION OF PROBABLE CONSTRUCTION COSTS
Dredging Project - Jenney Grist Mill - Plymouth, MA
Based Upon 60% Preliminary Design Plans
Date July 21, 2021

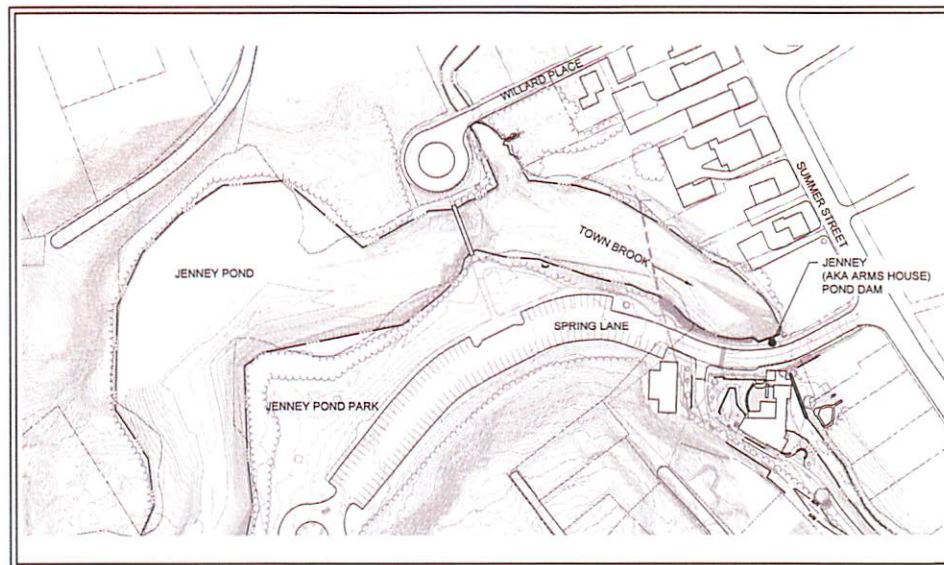
Item	Unit	Quantity	\$/Unit	\$
Construction Phase Services	LS	1	\$60,000.00	\$60,000.00
Turbidity Monitoring	LS	1	\$36,000.00	\$36,000.00
Sediment Testing	LS	1	\$15,000.00	\$15,000.00
Site Preparation / Mobilization	LS	1	\$125,000.00	\$125,000.00
Construction Staking	LS	1	\$7,500.00	\$7,500.00
Maintenance of Sediment and Erosion Controls	LS	1	\$15,000.00	\$15,000.00
Silt Sacks	EA	6	\$500.00	\$3,000.00
Silt Fence	LF	1,300	\$5.00	\$6,500.00
Traffic and Pedestrian Control	LS	1	\$10,000.00	\$10,000.00
Construction Access Roads	LS	1	\$5,000.00	\$5,000.00
Water Control	LS	1	\$25,000.00	\$25,000.00
Flocculent Logs	LS	1	\$12,000.00	\$12,000.00
Turbidity Curtain	LF	150	\$50.00	\$7,500.00
Diversion Berm	LS	1	\$7,500.00	\$7,500.00
Earthwork - Hydraulic Dredging	CY	6,350	\$125.00	\$793,750.00
Dredging Trucking/Disposal - Off-site	TON	9,500	\$45.00	\$427,500.00
Jet Vacuum Sediment	LS	1	\$6,000.00	\$6,000.00
Rootwads	EA	3	\$750.00	\$2,250.00
Woody Debris	EA	3	\$1,000.00	\$3,000.00
Boulder Pile	TON	30	\$55.00	\$1,650.00
Site Restoration	LS	1	\$75,000.00	\$75,000.00
Plantings	EA	22	\$100.00	\$2,200.00
Seed Mix: Turf Restoration Seed Mix	LS	1	\$3,000.00	\$3,000.00
			Subtotal	\$1,649,350.00
			Contingency (15%)	\$247,400.00
			TOTAL	\$1,896,750.00

JENNEY POND PARK DREDGING AND PEDESTRIAN BRIDGE REPLACEMENT PROJECT

JENNEY POND PARK
0 SPRING LANE
PLYMOUTH, MASSACHUSETTS
PRELIMINARY DESIGN (60%)
MARCH 15, 2021



LOCATION MAP:



PROJECT SITE VICINITY MAP:

PREPARED FOR:



TOWN OF PLYMOUTH, MASSACHUSETTS
11 LINCOLN STREET
PLYMOUTH, MA 02360

TOWN OF PLYMOUTH DEPARTMENT OF MARINE AND
ENVIRONMENTAL AFFAIRS
DAVID GOULD, DIRECTOR

TOWN OF PLYMOUTH DEPARTMENT OF PUBLIC WORKS
JONATHAN BENDER, DIRECTOR

MELISSA GRABAU ARRIGHI, TOWN MANAGER

BOARD OF SELECTMEN
KENNETH A. TAVARES, CHAIRMAN
JOHN T. MAHONEY, JR., VICE-CHAIRMAN
SHELAGH M. JOYCE
BETTY A. CAVACCO
PATRICK J. FLAHERTY

LIST OF DRAWINGS

JENNEY POND DREDGING PLANS

NO.	NAME	TITLE
01	-	TITLE SHEET
02	IN	INDEX PLAN
03	EX-1	EXISTING CONDITIONS - JENNEY POND
04	EX-2	EXISTING CONDITIONS - REGULATED RESOURCES
05	GR-1	LAYOUT, GRADING AND PROFILE - JENNEY POND
06-08	XS-1 - XS-3	CROSS SECTIONS - JENNEY POND
09	CP-1	CONSTRUCTION PLAN - JENNEY POND
10-11	DE-1 - DE-2	DETAILS

PEDESTRIAN BRIDGE PLANS

NO.	NAME	TITLE
12	EX-4	EXISTING CONDITIONS - PEDESTRIAN BRIDGE
13	STR-1	STRUCTURAL PLAN
14	STR-2	STRUCTURAL DETAILS

PREPARED BY:



SLR
100 HARTLEY DRIVE
CHICAGO, IL 60642
312.467.1170
SLRCONSULTING.COM



Know what's below.
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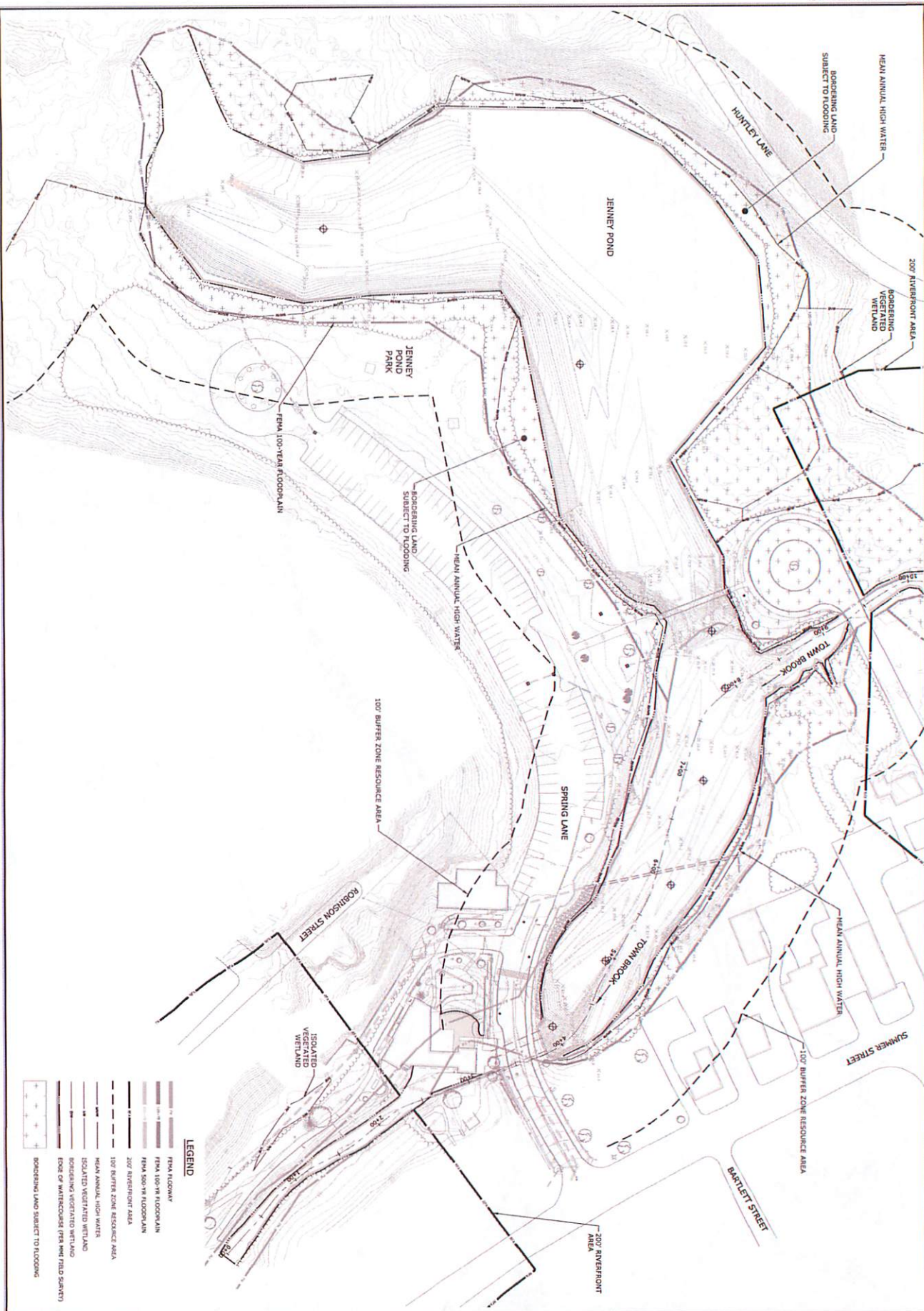
W. Andrew Greene



P.E. MA# 40355

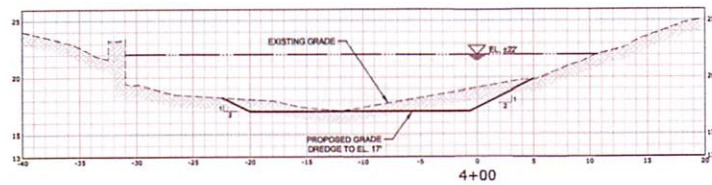
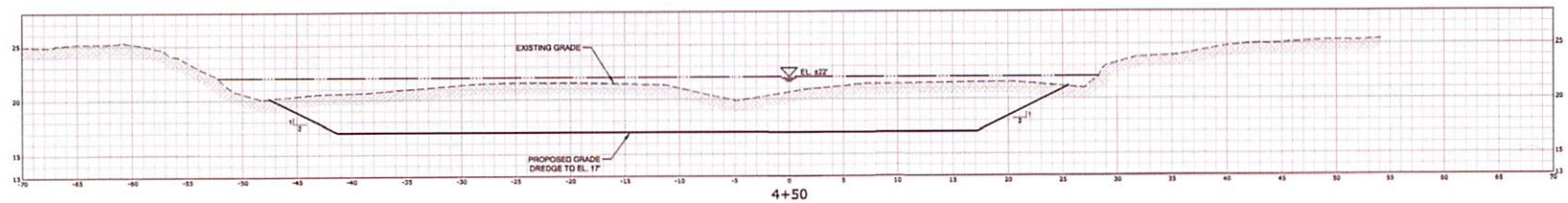
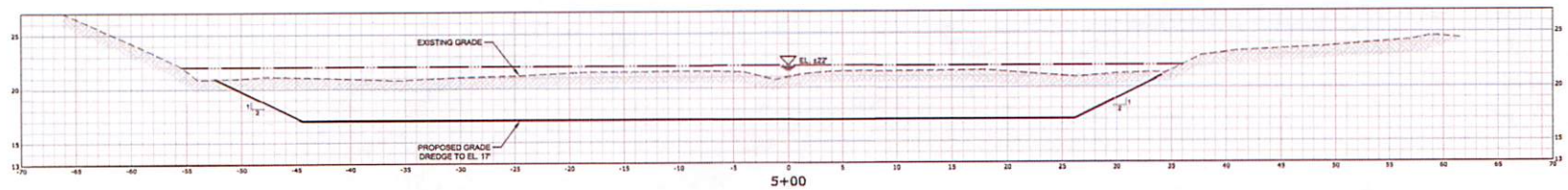
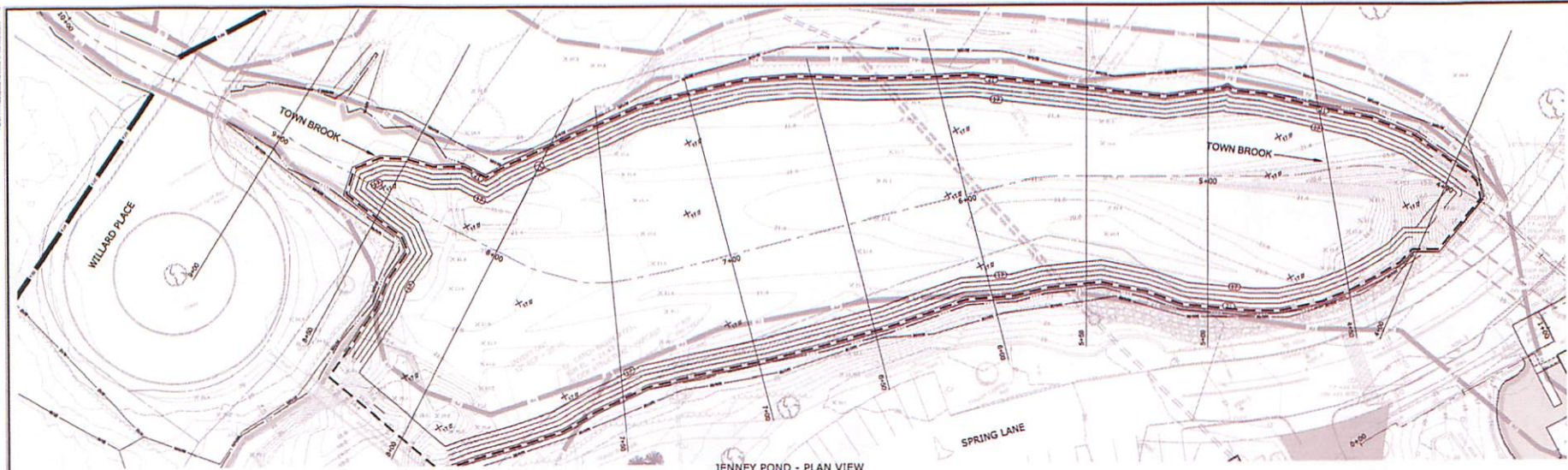
NO. 102 1042-08
ISSUED: MARCH 15, 2021





- LEGEND**
- 100' RIVERFRONT AREA
 - 200' RIVERFRONT AREA
 - FEMA 100-YR FLOODPLAIN
 - FEMA 500-YR FLOODPLAIN
 - 100' BUFFER ZONE RESOURCE AREA
 - 200' BUFFER ZONE RESOURCE AREA
 - MEAN ANNUAL HIGH WATER
 - ISOLATED VEGETATED WETLAND
 - BOULDERING VEGETATED WETLAND
 - EDGE OF WATERCOUSE (PER MMR FIELD SURVEY)
 - BOULDERING LAND SUBJECT TO FLOODING

RR-1 <small>04 OF 14</small>	EXISTING CONDITIONS - REGULATED RESOURCES JENNEY POND PARK DREDGING PROJECT 0 SPRING LANE PLYMOUTH, MASSACHUSETTS	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">DESCRIPTION</th> <th style="text-align: left;">DATE</th> <th style="text-align: left;">BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	DESCRIPTION	DATE	BY													 <small>NO REALITY BORER CHANDLER, CT 06410 860.474.1774 SLRCONSULTING.COM</small>	
	DESCRIPTION	DATE	BY																
<small> DATE: MARCH 16, 2021 PROJECT: 1981-08 SHEET: 04 OF 14 </small>																			
<small> DRAWN BY: [blank] CHECKED BY: [blank] IN CHARGE: [blank] </small>																			



JENNEY POND - CROSS SECTIONS
CENTERLINE ALIGNMENT, LOOKING UPSTREAM
SCALE: 1"=5' (H); 1"=5' (V)

LEGEND

- PROPOSED GRADE
- EXISTING GRADE
- WATER SURFACE ELEVATION AT THE TIME OF SURVEY (EL. 17.2)



SLR
SURVEILLANCE & LAND RECONSTRUCTION
1000 WASHINGTON STREET
PLYMOUTH, MASSACHUSETTS 01960
WWW.SLR-MASS.COM

DESCRIPTION	DATE	BY

CROSS SECTIONS - JENNEY POND
JENNEY POND PARK
DREDGING PROJECT
0 SPRING LANE
PLYMOUTH, MASSACHUSETTS

CRM	CME	WAO
DESIGNED	DESIGNED	DESIGNED

AS NOTED
MARCH 15, 2021
1982-08
06 OF 14

XS-1



SLR

30 SOUTH STREET
SUITE 200
BOSTON, MA 02111
TEL: 617.552.3000
WWW.SLR.COM

DATE	BY	DESCRIPTION

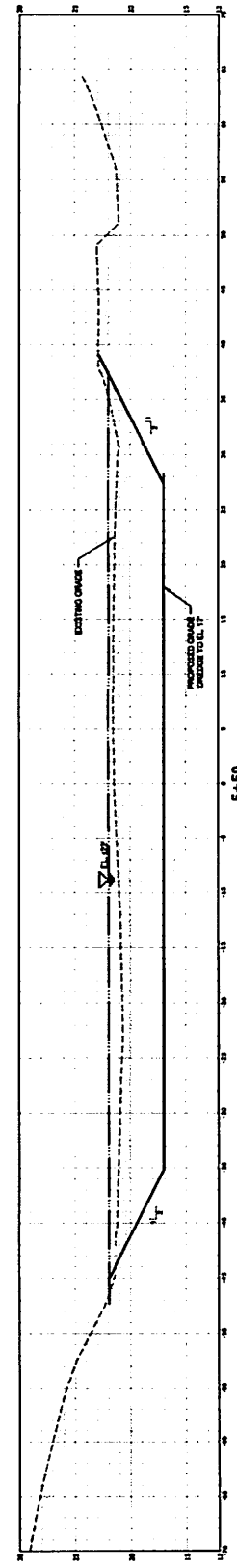
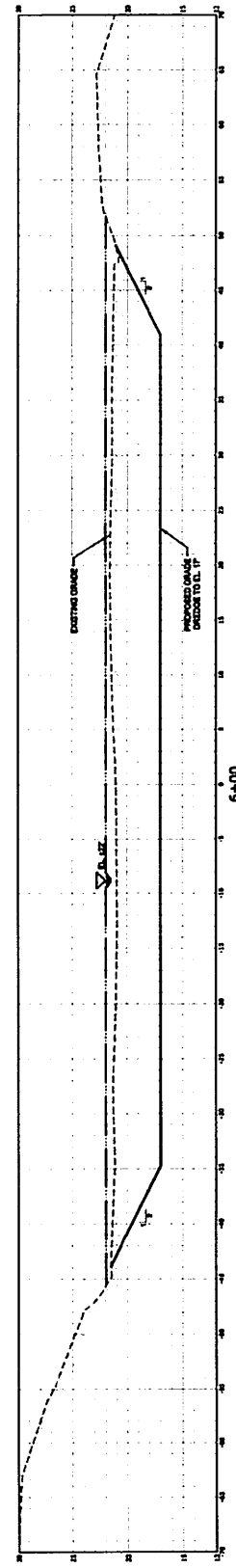
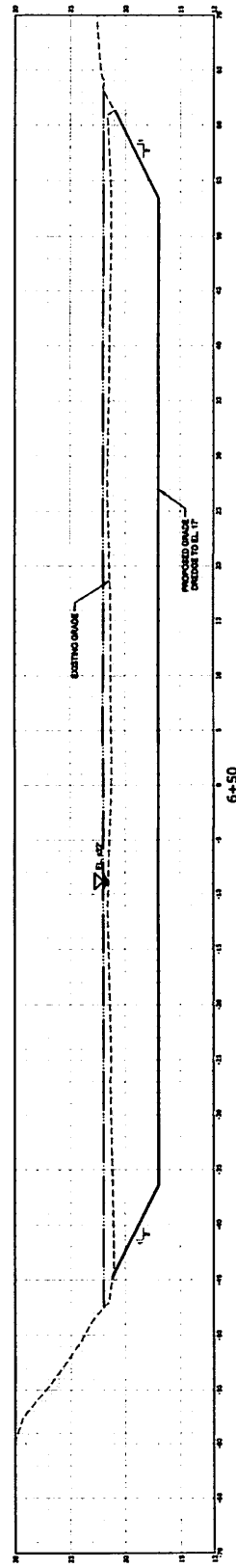
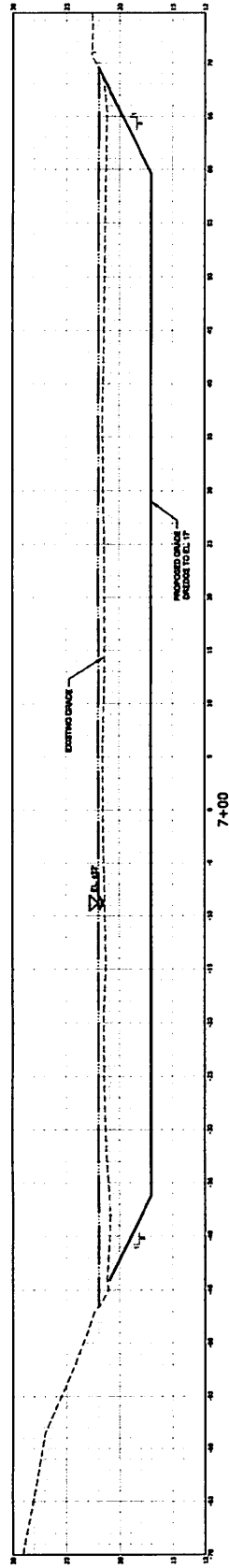
CROSS SECTIONS - JENNEY POND
JENNEY POND PARK
DREDGING PROJECT
0 SPRING LAKE
PLYMOUTH, MASSACHUSETTS

DATE	AS NOTED
DATE	1803-08
DATE	07 OF 14

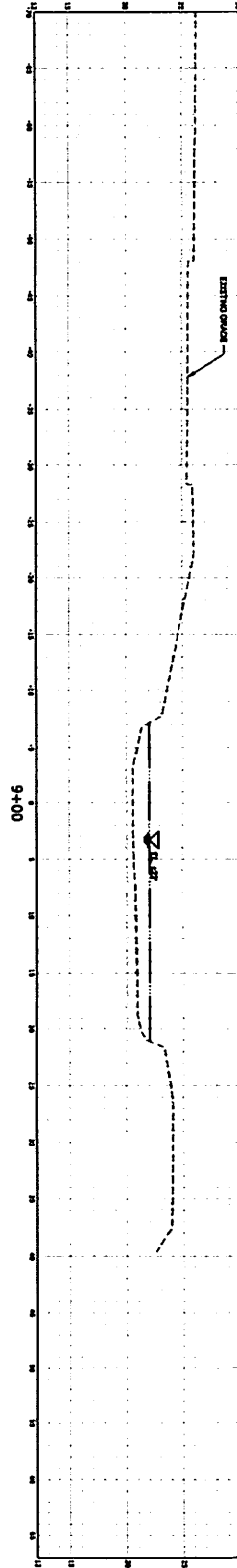
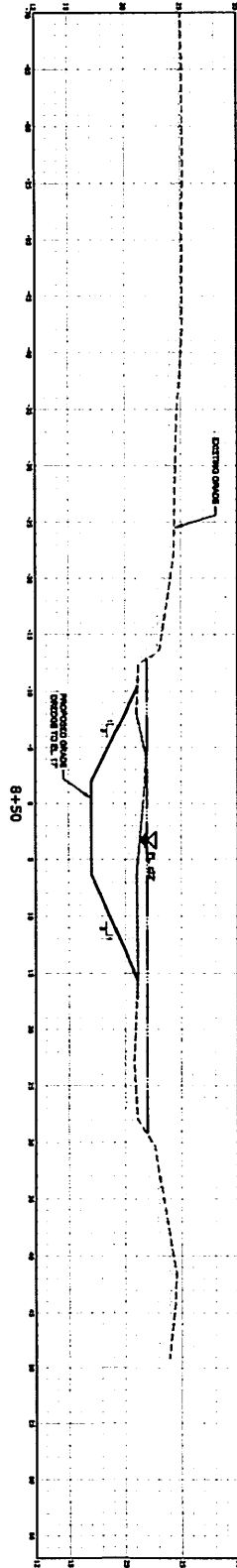
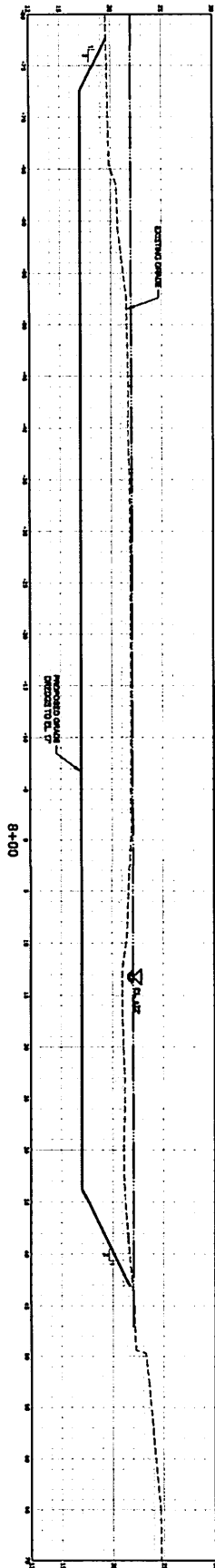
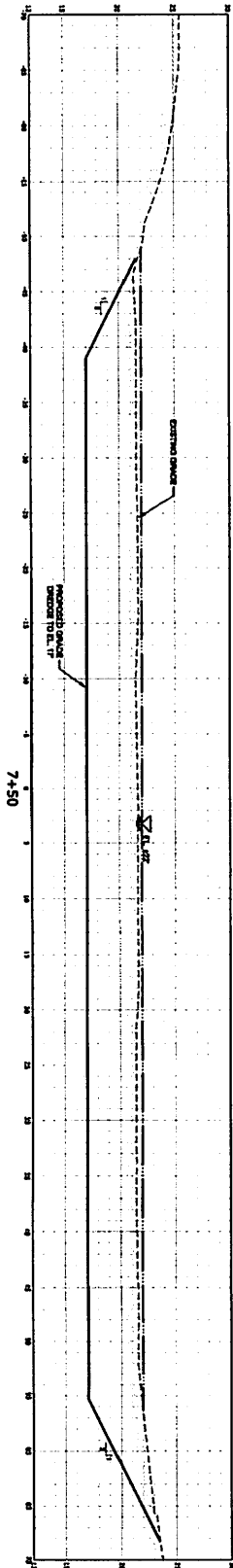
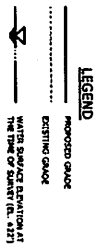
XS-2

LEGEND
— PROPOSED GRADE
--- EXISTING GRADE
— WATER SURFACE ELEVATION AT THE TIME OF SURVEY (EL. 127.7)

JENNEY POND - CROSS SECTIONS
CENTRAL MOUNTAIN, LYNN, MASSACHUSETTS
SCALE: 1"=2' (H) 1"=40' (V)



JENNEY POND - CROSS SECTIONS
 CENTERLINE ALIGNMENT, LOOKING WESTWARD
 SCALE: 1"=40' (H), 1"=40' (V)



XS-3

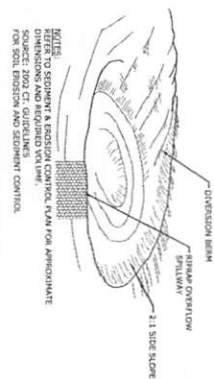
CROSS SECTIONS - JENNEY POND

JENNEY POND PARK
 DREDGING PROJECT
 0 SPRING LANE
 PLYMOUTH, MASSACHUSETTS

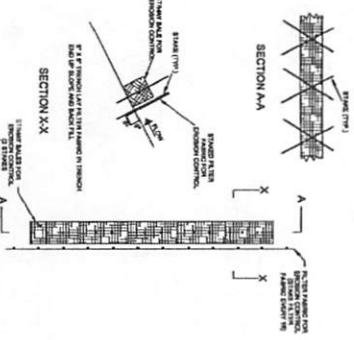
DESCRIPTION	DATE	BY

SLR
 100 MARKET STREET
 SUITE 200
 BOSTON, MA 02109
 TEL: 617.552.3333
 FAX: 617.552.3334
 WWW.SLR.COM

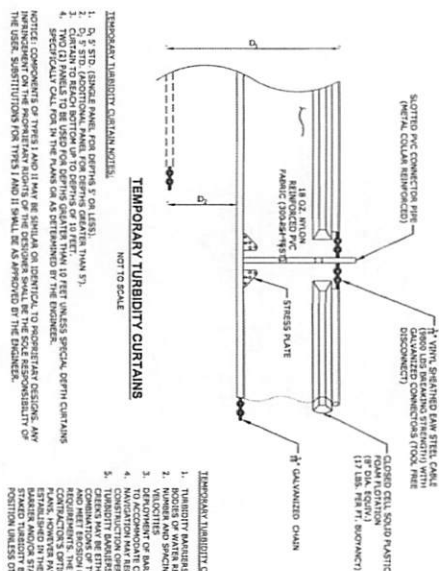
1



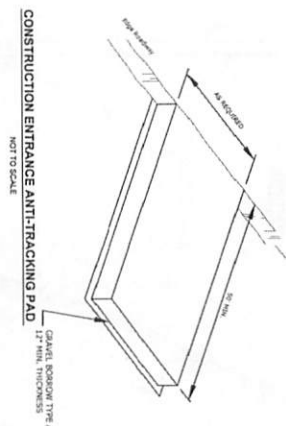
TEMPORARY SEDIMENT TRAP
NOT TO SCALE



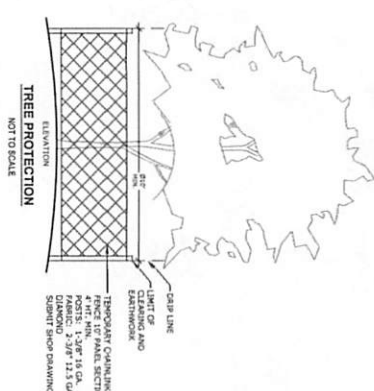
STRAW BALES AND SILT FENCE FOR EROSION CONTROL
NOT TO SCALE



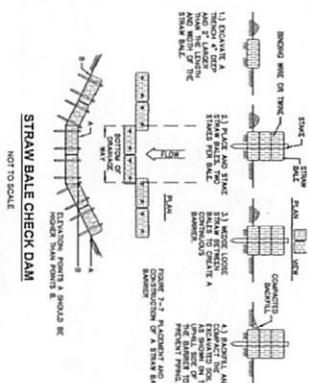
- TEMPORARY TURBIDITY CURTAIN APPLICATIONS NOTES:**
1. TURBIDITY BARRIERS ARE TO BE USED IN ALL PERMANENT ROADS OR WATER NEARROADS OF WATER DRAINAGE OR CURRENT VELOCITIES OF WATER EXCEEDING THE LOCATIONS MAY VARY.
 2. TO ACCOMMODATE CONSTRUCTION OPERATIONS, NAVIGATION AND REQUIRE SEQUENCING DAMPER GROUNDING.
 3. TURBIDITY BARRIERS FOR FLOWING STREAMS AND TOWNS, CONSTRUCTION OF TIES THAT WILL SIFT SITE CONDITIONS AND NOT EROSION CONTROL AND WATER QUALITY.
 4. TURBIDITY BARRIERS FOR FLOWING STREAMS AND TOWNS, CONSTRUCTION OF TIES THAT WILL SIFT SITE CONDITIONS AND NOT EROSION CONTROL AND WATER QUALITY.
 5. TURBIDITY BARRIERS FOR FLOWING STREAMS AND TOWNS, CONSTRUCTION OF TIES THAT WILL SIFT SITE CONDITIONS AND NOT EROSION CONTROL AND WATER QUALITY.



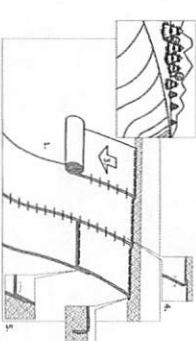
CONSTRUCTION ENTRANCE ANTI-TRACKING PAD
NOT TO SCALE



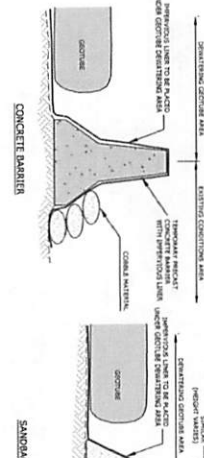
TREE PROTECTION
NOT TO SCALE



STRAW BALE CHECK DAM
NOT TO SCALE



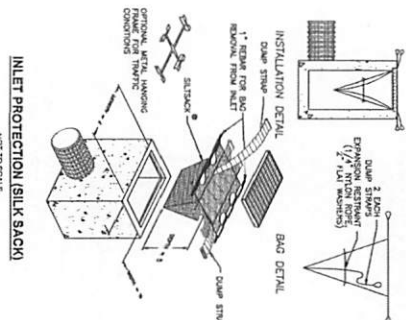
ORANGE CONSTRUCTION FENCING
NOT TO SCALE



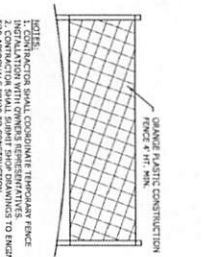
CONCRETE BARRIER
NOT TO SCALE



SANDBAG
NOT TO SCALE



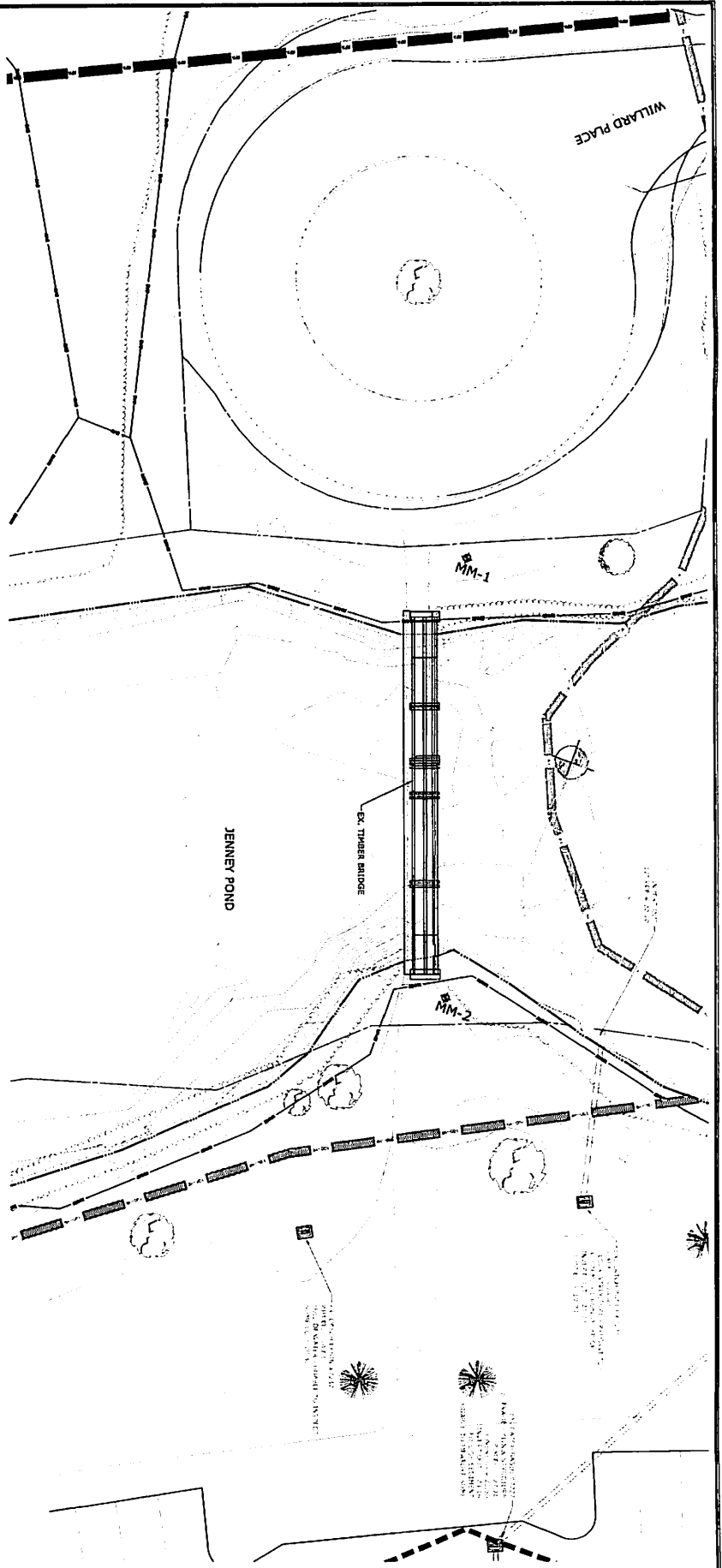
INLET PROTECTION (SILK SACK)
NOT TO SCALE



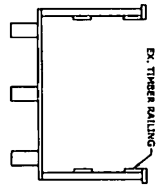
DIVERSION BERM
NOT TO SCALE

DATE	BY	DESCRIPTION
1982-08	19 OF 14	
MARCH 16, 2021		
19 OF 14		

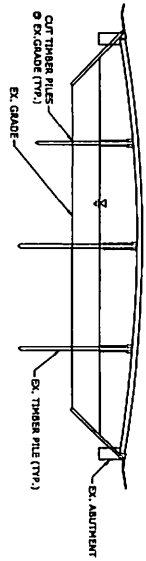




TYPICAL EXISTING PLAN
SCALE: 1"=10'

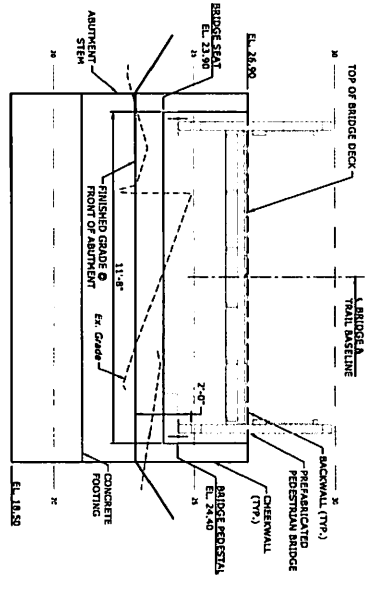
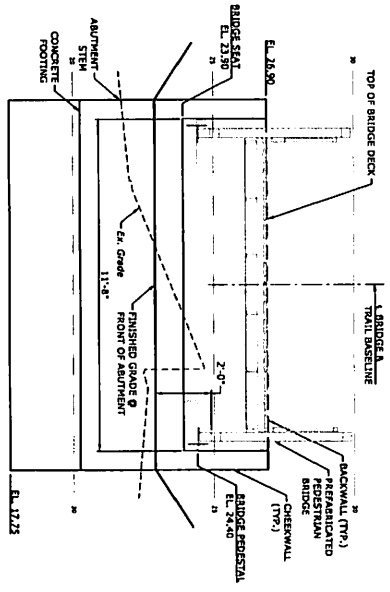
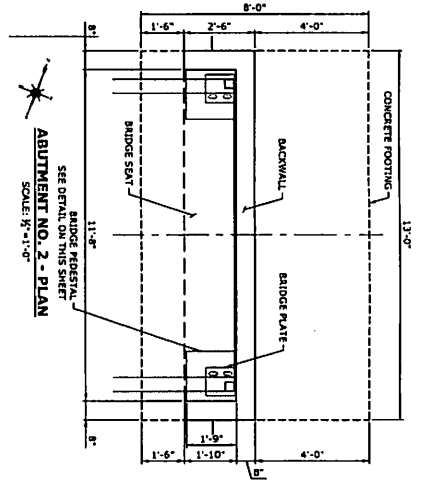
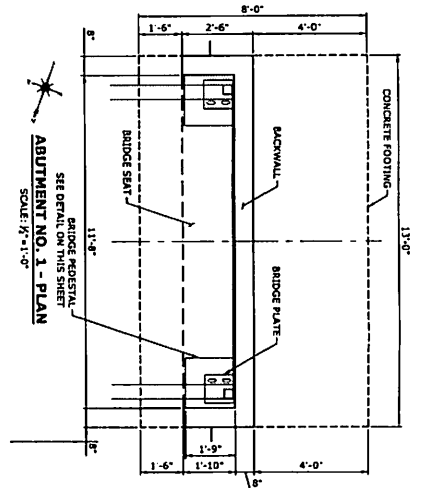


TYPICAL EXISTING CROSS SECTION
SCALE: 1/2"=1'-0"



TYPICAL EXISTING ELEVATION
SCALE: 1"=10'
NOTE
RAILING NOT SHOWN FOR CLARITY.

EX-2	EXISTING CONDITIONS - PEDESTRIAN BRIDGE	DESCRIPTION	DATE	BY	<p style="font-size: 8px; margin-top: 5px;"> 30 BEAULT DRIVE THUNDER, CT 06082 TEL: 860.376.1170 SLR@slr-engineering.com </p>													
	<p>JENNEY POND PARK PEDESTRIAN BRIDGE REPLACEMENT 0 SPRING LAKE PLYMOUTH, MASSACHUSETTS</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>																



ABUTMENT NO. 1 - ELEVATION
SCALE: 1/4"=1'-0"

ABUTMENT NO. 2 - ELEVATION
SCALE: 1/4"=1'-0"

[illegible]