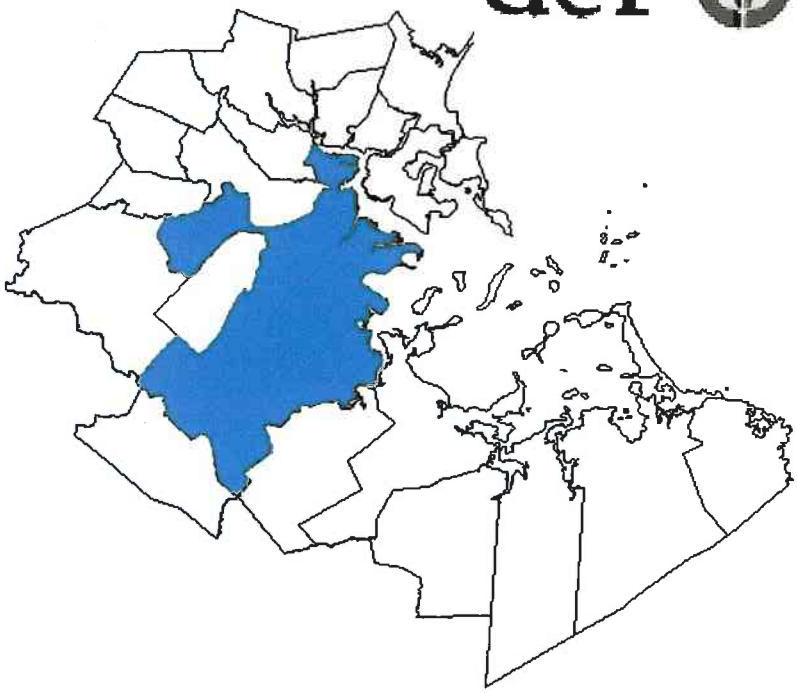
Massachusetts Coastal Infrastructure
Inventory and Assessment Project
Massachusetts Department of Conservation and Recreation
Office of Waterways

Boston Harbor

East Boston
Charlestown
Boston
South Boston
Dorchester



July 6, 2009

Prepared for:

Massachusetts Department of Conservation and Recreation
Hingham, Massachusetts

Presented by:
Bourne Consulting Engineering
Franklin, Massachusetts

In Association With:
Childs Engineering Corporation

BCE **Bourne Consulting Engineering**
Waterfront Engineers

Boston Harbor

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Section I

Coastal Hazards Infrastructure and Assessment Program

INTRODUCTION

PURPOSE

DEVELOPMENT OF MassGIS DATABASE ATTRIBUTES

DEVELOPMENT OF REPAIR / RECONSTRUCTION COSTS

Massachusetts Coastal Infrastructure Inventory and Assessment Project Coastal Hazards Commission

Section I – Coastal Hazards Infrastructure and Assessment Program

INTRODUCTION

The Project and Client

The Commonwealth of Massachusetts has initiated a Coastal Hazards Commission (CHC) to identify the vulnerability of the state to coastal hazards. As one of five working groups working under the CHC, the 20-Yr Infrastructure Plan was to establish a prioritization for the repair of coastal structures. The focus areas of the Working Group include:

- Publicly owned infrastructure
- Infrastructure for which State is responsible
- Inventory of public hazards infrastructure
- Evaluation on conditions
- Development for a prioritization of work
- Estimation of capital and maintenance costs

The 20-Yr Infrastructure Working Group is led by Representative Frank Hynes with CZM as the lead State Agency overseeing the management of the project. The Massachusetts coastline has been broken up into 4 major regions consisting of the North Shore, Boston, South Coast, and the Cape and Islands. The South Shore (the Towns of Hull, Cohasset, Seekonk, Hingham, Plymouth, Kingston, Scituate and Duxbury) was previously evaluated by Bourne Consulting Engineering as a demonstration project in 2006.

Consultant Team

The consultant team that performed the demonstration project was led by Bourne Consulting Engineering (***BCE***) of Franklin, MA who was responsible for overall project management, specified areas of field assessments, and research. Assisting ***BCE*** was Applied Coastal Research and Engineering Inc.of Mashpee, MA, Childs Engineering Corporation, of Medfield, MA., and Waterfront Engineer LLC of Stratham, NH.

PURPOSE

Study Purpose

CZM seeks to identify the capacity of Massachusetts coastal structures to resist major coastal storms and prevent storm damage. In working toward this goal, CZM has initiated a program to perform an assessment of Commonwealth owned and/or maintained coastal structures. The first phase of this program was the performance of a demonstration project for coastal structures located on the South Shore. The demonstration project identified existing structures, their general conditions, ability to provide coastal protection and the probable cost for repairs. The information collected and developed has been incorporated into the MassGIS system to allow use for developing a 20 Year Coastal Infrastructure Plan.

The demonstration project served as a basis for the current statewide inventory assessment of all Commonwealth coastal structures and the needs for their maintenance and/or repair.

Goals of Study

The goals of the Massachusetts Coastal Infrastructure Inventory and Assessment Project include:

- To identify all the coastal structures the state either owns or has responsibility to maintain for the 4 regions included within the study
- Of the structures identified, determine the structure location and characteristics, the structure condition relative to providing coastal protection and the structure importance in relation to what it is protecting.
- To the degree possible, identify the structure elevation and the FIRM mapping flood elevation and category.
- To the degree possible, identify structure owner and available documents from local, state and federal agencies.
- To establish an estimated cost to rehabilitate the coastal structures to provide the level of project established in the structure's original design.
- Provide the information in a format compatible for incorporation into the MassGIS system

Limit of Study

Due to the time constraints and the amount of effort necessary to collect, process and compile the information, the following are identified as limitations of the information presented:

- All property ownership was taken as presumed. No legal investigation of ownership was performed during the project. Property ownership is based on town assessor maps. Where structures were located outshore of assessor map defined property lines, it was assumed to be Town land unless other information indicated otherwise. Where structures were located outshore of Mean Low Water, property is assumed to be State owned.

- The structure ownership was based on assessor maps and research at the local, state and federal levels. Where there was indication of public work on a structure on Town land or on private property, the structure was presumed to be Town owned. Where the structure was on state property, the structure was presumed to be state owned. Where ownership of the structure was not clear but was located on private property, the structure ownership was defined as unknown.

- The study included town and state owned structures as it was assumed that most town owned structures received state funding at some level for construction and/or maintenance.
    - Structures that were determined to be private were not included.
    - Undocumented structures considered to be on private land, but having the potential to have been publicly built and/or maintained, were identified as having an "unknown ownership".

- The prioritizing of structures was based primarily on risk to general infrastructure and density of housing. Infrastructure included was buildings. The study did not consider all infrastructure issues including:
    - No consideration on utility impacts – water, electrical, sewer, gas
    - No consideration of roadway and bridge protection
    - Evacuation routes were not considered within the investigation
    - Location of Emergency Shelters were not included in priority assessments

- Research was performed at the local, state and federal levels. The local research was limited to location and documenting available coastal structure contract drawings. Research at DCR was restricted to available historic construction plans for coastal structures at the MA-DCR Waterways office in Hingham, MA, and MA-DCR Division of Urban Parks and Recreation in

Boston, MA. No investigation of state archives was performed. Research at MA DEP Chapter 91 and USACE was limited to recorded permits and licenses found in their files. No investigation was performed at the Registry of Deeds.

DEVELOPMENT OF MassGIS DATABASE ATTRIBUTES

The specific attributes that would be incorporated into the MassGIS system were developed based on the scope of work and the goals to be achieved. The following was established to standardize the data collection and presentation and to allow total flexibility for sorting by attributes in the final GIS database. The attributes identified below were input into a MS Access database which was used to manage the data from all eight communities within a single file.

Database Attributes

- Attribute Descriptions/Definitions

Structure Number: A unique structure number was given to each coastal structure. The number was based on existing numbering systems that include the State Department of Environmental Protection community number followed by the local community assessor's parcel numbering system. The last three digits of the number represent the structure within the parcel. Where structures extend over several parcels, the structure is referenced to a parcel that is approximately in the center of the structure. Where Town assessor's references include letters, those are also included within the structure number. Some communities have block numbering within their numbering system and these are included. Communities without block numbering still have the block numbering included but these are illustrated as all zeros for that specific segment.

Structures that are on Town property, which would otherwise not have a parcel number, are referenced to a parcel that is in the immediate vicinity of the coastal structure.

On this basis, the following is the general numbering convention:

CCC-MMM-BBB-PPP-SSS

Where:	CCC	DEP Community Number
	MMM	Community Map Number
	BBB	Block Number (000 if no block numbering system)
	PPP	Community Parcel Number
	SSS	Structure Number

Property Ownership: All property ownership was on a "presumed" basis as no legal verification of ownership was performed. The ownership of the property was classified under four basic areas which were private ownership (Private), Town ownership (Local), Commonwealth of Massachusetts ownership (State), federal government ownership (Federal) or unknown. Property ownership was based on Town assessor's maps. Where the location was located above Mean Low Water, and not within a defined parcel, the property ownership was presumed to be the Town unless documentation was found to indicate otherwise. Where a structure was located offshore of Mean Low Water, the property ownership was presumed to be federal.

Structure Ownership: The ownership of all structures is presumed as no verification of ownership was performed. Ownership of the structure was determined by research into historic state and federal

permits and the entity indicated on the permits as the applicant. Where no other information was found, the following was utilized:

- Structures located on private land but appearing to be significant structures were identified as owned by the Town or as "Unknown". Unknown was used were there was a question of local or private ownership.
- Structures on Town property were assumed to be owned by the Town
- Structures that were located off-shore were presumed to be federally owned
- Structures that were identified as being privately owned were eliminated from the database

Basis of Ownership: The basis of structure ownership was provided to give rationale to the structure ownership and identified the research resource that identified the ownership or the methodology otherwise used. The responses utilized were limited to the following:

- DPW – DPW Employee Interview
- DCR - Contract Drawings
- DEP – Ch 91 License
- USACE – Permits
- Property Ownership
- Offshore Structure

Structure Owner's Name: Ownerships names reflect the presumed owner of publicly owned structures. As this was for public structures only, the ownership was restricted to the community name, the state agency or the federal agency.

Earliest Structure Record: The year of the oldest document located for the structure. The information is determined from the document research performed on the structure from local, state and federal agencies. If no documents could be found than this entry is denoted as 'Unknown". Where documentation of the structure could be found, the date from the oldest document was utilized.

Primary Structure / Secondary Structure: Many of the coastal structures consisted of combined structures which were rated separately. It was typically found that one structure was significantly more predominant (Ex. Bulkhead/Seawall) and was therefore identified as the Primary Structure while a smaller structure might exist in front (ex. Revetment) of it. The type, height and material of each structure are identified separately. The condition of each structure was based on the Primary Structure. Where there was no secondary structure, the fields were left blank.

Structure Type: The structure type was categorized into five basic coastal structure categories which were Bulkhead/Seawall, Revetment, Coastal Beach, Coastal Dune, and Jetty/Groin.

Structure Material: The identification of the coastal structure's material of construction was performed and represents the primary material. Stone structures consisted of both mortared and non-mortared conditions.

Structure Height: Each type of structure was categorized by its visible height in feet which was broken into four specific ranges which are:

< 5 feet 5 to 10 feet 10 to 15 feet >15 feet

Structure Condition: A preliminary assessment of the condition for each structure was performed by the field teams. This was by visual observation only and no detailed investigation was performed. The condition assessments were based on a predefined five level rating system that ranged from Rating A for Excellent Condition to Rating F for Critical Condition. A detailed listing of the conditions and their definitions can be seen in Exhibit A.

Priority Rating: In order to account for the need for protection at any one site, a five level priority rating system was established. This allowed for consideration of public infrastructure protection, density of residential housing for development of structure overall importance for coastal protection. The ratings range from Level 1 for no infrastructure or residence protection to Level 5 for critical inshore infrastructure protection and/or high density residential. The detailed listing and definitions for the priority categories can be seen in Exhibit B.

Structure Repair / Reconstruction Cost: A preliminary estimation of construction costs to maintain or repair structures was made based on the preliminary field assessment of the structures. A Repair Cost Matrix was developed based on structure type, condition, height and material and can be seen in Exhibit C. Once each structure's type, height, and material classifications were determined, the cost per foot for the structure was determine from the Repair Cost Matrix and multiplied by the length of the structure to obtain the estimated repair/restoration cost. The cost matrix repair costs include a 20 percent construction cost contingency as well as 10 percent costs for engineering and permitting.

Structure Length: The length of each structure is provided and utilized in the development of the repair/reconstruction costs. The lengths are given to the nearest foot and taken as the linear distance along the structure, as determined by the GPS location, which takes into account structure angles and curvature.

Structure Elevation: The elevation of structures was determined in feet from existing information where available. The datum used is NAVD 88 and elevations are to the nearest foot. From a previous study much of the south shore coastal structures had elevations defined based on LIDAR mapping data. Where available structure documentation with elevations was found, in areas with no LIDAR data, the information was included within the structure information. Where there was no LIDAR information or existing documentation, the item has been left blank.

> LIDAR (Light Detection and Ranging) is technology that is currently being used for high-resolution topographic mapping by mounting a LIDAR sensor, integrated with Global Positioning System (GPS) and inertial measurement unit (IMU) technology, to the bottom of aircraft and measuring the pulse return rate to determine surface elevations.

FEMA Zone and Elevation: For each structure the FEMA Flood Insurance Rate Maps (FIRM) were researched for their Flood Zone designation and their Base Flood Elevation from the most recent FIRM maps for the specific Town. The elevations are provided in feet on the same datum as the FIRM maps (NGVD) with no adjustments or conversions.

Structure Comments: The engineering team provided a brief description and comment on the structure at the time of the field assessments which is provided in support of the condition rating that was given for the structure.

Pictures: At the time of the field assessments, digital photographs were taken to provide a general overview of the structure. The number of pictures was limited to a maximum of six. The first photograph for each structure is shown on the Structure Assessment Form. The list of all photographs is provided on the form.

Town Documents: Town documents represent the structure information that could be found in the Town's DPW/Engineering Department records. Where particular records could be found, a table of document information was developed and included within the database with limited descriptions.

MA - DCR Documents: MA-DCR documents represent the structure information that could be found within DCR – Waterways office in Hingham Where particular records could be found, a table of document information was developed and included within the database with limited descriptions.

MA - DEP Chp. 91 Licenses: MA-DEP Chapter 91 license documents represent the structure information that could be found within MA-DEP Chp 91 records in Boston. Where particular records could be found, they were scanned as pdf files and attached to the structure through the GIS database information. In addition, a table of license document information was developed and included within the database with limited descriptions

USACE Permits: USACE Permits represent the structure information that could be found within the Army Corp of Engineers regulatory office in Concord, MA. Where particular records could be found, they were scanned as pdf files and attached to the structure through the GIS database information. In addition, a table of license document information was developed and included within the database with limited descriptions.

DEVELOPMENT OF REPAIR / RECONSTRUCTION COSTS

A matrix to be used within the database has been developed to assess likely rehabilitation/repair costs to restore the coastal structures to their original design condition. No attempt was made to assess the level of exposure and associated level of protection that might be required to meet current design standards for these structures. These costs are only an estimation to bring these structures back to their original design intent based on 2006 construction costs.

The development of the cost matrix is based on the following:

Structure Condition Ratings – The condition of the coastal structures was determined in the field by the survey crew which was led by an engineer with waterfront structure assessment and design experience. The definitions of the rating criteria utilized for the assessments are presented elsewhere.

The cost implications for each rating condition are as follows:

- A Rating Structures not requiring any maintenance, repair or rehabilitation cost and would not be expected to experience damage if subject to a major coastal storm event
- B Rating Structures requiring limited or no repair and would be expected to experience only minor damage if subject to a major coastal storm event. The value of these maintenance costs is assumed to be 10 percent of the construction cost.
- C Rating Structures requiring moderate to significant level of repair or reconstruction and would be expected to experience significant damage if subject to a major coastal storm event. The structure is presumed to be effective under a major storm event. The value of the repair costs is assumed to be 50 percent of the construction cost.
- D Rating Structures requiring significant level of rehabilitation or total reconstruction and would be expected to experience significant damage or possibly fail if subject to a major coastal storm event. The value of the repair costs is assumed to be 100 percent of the construction cost.

- F Rating Structures requiring complete reconstruction and would expect to provide little or no protection from a major coastal storm event. The value of the repair costs is assumed to be 100 percent of the construction cost plus a cost for removal/disposal of the original structure.

Height of Structure – Height of a structure is a major factor in the structure cost and therefore was identified as a significant factor is assessing rehabilitation/repair construction costs. The structures were broken down into four major categories which were:

< 5'	Structures that were less than five feet in height
5'-10'	Structures five to 10 feet in height
10'-15'	Structures over 10 feet to 15 feet in height
> 15'	Structures greater than 15 feet in height – assumed 20 feet typical

Length of Structure – Length is based on field GPS location with measurements rounded to the nearest foot.

Bulkhead / Seawall Structures – These structures are assumed to be constructed out of concrete, steel, stone or wood with each having its own criteria for establishing costs. For each structure type the following was assumed:

- Concrete Seawalls – These walls were assumed to be gravity structures with the volume of concrete used based on the bottom width being one-half of the structure height. Costs of construction were based on a per cubic yard estimate that varied from $350 to $630 per cubic yard depending on the structure height. Values for excavation and demolition of existing structure were also included.
- Stone Seawalls - These walls were treated the same as concrete seawalls and assumed to be gravity structures with the volume of the structure based on the bottom width being one-half of the structure height. Costs of construction were based on a per cubic yard estimate that varied from $350 to $630 per cubic yard depending on the structure height. Values for excavation and demolition of existing structure were also included.
- Steel Bulkheads – Steel bulkheads were presumed to be constructed with steel sheet piling. Tie back systems were presumed for structures 10 feet or greater in height. Shorter walls were assumed to have a cantilever design. The total depth of sheeting was presumed to be two times the exposed height. The cost for construction varied from $40 per square foot to $60 per square foot plus the cost of excavation and demolition.
- Timber Bulkheads – Timber bulkheads were presumed to be constructed with timber piles at eight foot on center, horizontal wales and vertical four inch sheathing. The unit costs for installed materials used were $1,500 per pile and $7.50 per bfm.

Revetment Structures – Revetment structures were presumed to be constructed of dry placed (no concrete) stone with a two on one slope and a horizontal toe and crown equal to the thickness layer established for each height condition. The total thickness of the revetment layers varied from six to ten feet with the cost of armor and under-layer stone assumed to be $50 per ton and the crushed stone base to be $15 per ton.

Groins and Jetties – Groins and jetties were assumed to be the same materials and construction as the revetment structures but would have two sides and therefore double the quantities.

Coastal Beaches – Costs for restoration of Coastal beaches presumed the placement of beach renourishment sands at a 1-on-20 slope over the existing beach conditions. The cost for deposition of sand assumed relatively close source of material and utilized $20 per cubic yard for the material installed.

Coastal Dunes – Restoration of coastal dunes assumed a cross section of renourished sand with a one-on-four slope on one side of a 25 foot width at the defined dune height. The cost for deposition of sand assumed relatively close source of material and utilized $20 per cubic yard for the material installed.

Contingency – A contingency of 20 percent was added to all costs to reflect the unknowns associated with this level of rehabilitation/repair estimating.

Engineering and Regulatory Approvals – A ten percent increase to the cost matrix prices was assessed to represent the engineering design and regulatory approval requirements for the restoration of these structures.

EXHIBIT A

Structure Condition Table – 5 Level Rating System

Preliminary Condition Assessment		Definition Based Upon Perceived Immediacy of Action and Potential to Cause Damage if Not Corrected	Level of Action Required
A	Excellent	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm	None
B	Good	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure	Minor
C	Fair	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide additional material for full protection and extended life	Moderate
D	Poor	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.	Major
F	Critical	Conditions of structure/landform may warrant emergency stabilization as failure may result in potential loss of property and/or life. Landform eroded, loss of integrity Structure exhibits critical levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure provides little or no protection from a major coastal storm. Actions taken to totally reconstruct structure to regain full capacity. Landform stability is severely compromised, rate of erosion/material loss may be increasing, and landform does not provide adequate protection from a major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.	Immediate

EXHIBIT B

Priority Rating System - 5 Level Rating System

Preliminary Priority Level Assessment		Level Based Upon Perceived Immediacy of Action and Presence of Potential Risk to Inshore Structures if Not Corrected	Level of Action Required
I	None	No Inshore Structures or Residential Dwelling Units Present	Long Term Planning Considerations
II	Low Priority	Inshore Structures Present with Limited potential for Significant Infrastructure Damage	Future Project Consideration
III	Moderate Priority	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)	Consider for Active Project Improvement Listing
IV	High Priority	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)	Consider for Next Project Construction Listing
V	Immediate / Highest Priority	Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings Conditions of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life. (>10 dwellings impacted / 100 feet of shoreline)	Consider For Immediate Action Due to Public Safety and Welfare Issues

CZM SOUTH SHORE COASTAL INFRASTRUCTURE INVENTORY AND ASSESMENT PROJECT

EXHIBIT C

September 14, 2006

REPAIR / REHABILITATION COSTING DATA

Cost per linear foot of structure

STRUCTURE TYPE	STRUCTURE MATERIALS	STRUCTURE HEIGHT	STRUCTURE CONDITION RATING A	B	C	D	F
BULKHEAD/ SEAWALL	CONCRETE	Under 5 Feet	$0	$84	$425	$850	$983
		5 To 10 Feet	$0	$152	$759	$1,518	$1,782
		10 To 15 Feet	$0	$251	$1,254	$2,508	$2,970
		Over 15 Feet	$0	$396	$1,980	$3,960	$4,752
	STEEL	Under 5 Feet	$0	$54	$273	$546	$680
		5 To 10 Feet	$0	$165	$825	$1,650	$1,848
		10 To 15 Feet	$0	$251	$1,254	$2,508	$2,772
		Over 15 Feet	$0	$343	$1,716	$3,432	$3,795
	STONE	Under 5 Feet	$0	$84	$425	$850	$983
		5 To 10 Feet	$0	$152	$759	$1,518	$1,782
		10 To 15 Feet	$0	$251	$1,254	$2,508	$2,970
		Over 15 Feet	$0	$396	$1,980	$3,960	$4,752
	WOOD	Under 5 Feet	$0	$86	$431	$862	$994
		5 To 10 Feet	$0	$127	$632	$1,265	$1,463
		10 To 15 Feet	$0	$161	$804	$1,608	$1,872
		Over 15 Feet	$0	$202	$1,008	$2,017	$2,380
COASTAL BEACH	SAND	Under 5 Feet	$0	$26	$132	$264	$264
		5 To 10 Feet	$0	$127	$634	$1,267	$1,267
		10 To 15 Feet	$0	$224	$1,122	$2,244	$2,244
		Over 15 Feet	$0	$396	$1,980	$3,960	$3,960
COASTAL DUNE	SAND	Under 5 Feet	$0	$18	$93	$186	$186
		5 To 10 Feet	$0	$48	$238	$476	$476
		10 To 15 Feet	$0	$79	$395	$790	$790
		Over 15 Feet	$0	$132	$660	$1,320	$1,320
REVETMENT	STONE	Under 5 Feet	$0	$66	$333	$664	$730
		5 To 10 Feet	$0	$120	$601	$1,201	$1,300
		10 To 15 Feet	$0	$157	$781	$1,564	$1,696
		Over 15 Feet	$0	$247	$1,234	$2,468	$2,666
GROIN	STONE	Under 5 Feet	$0	$132	$664	$1,328	$1,460
		5 To 10 Feet	$0	$240	$1,201	$2,402	$2,600
		10 To 15 Feet	$0	$314	$1,564	$3,128	$3,392
		Over 15 Feet	$0	$494	$2,468	$4,937	$5,333

NOTE: Repair / Rehabilitation Costs include 10% for engineering and regulatory approvals and 20 % construction contingency.

Section II

Boston

Section II – Community Findings – City of Boston

COMMUNITY DESCRIPTION

The City of Boston consists of a land area of 48.4 square miles out of a total area of 89.6 square miles and had an estimated population of 596,763 in the 2006. The City is located in Boston Harbor of Massachusetts and its location can be seen on this report's cover. The communities of Charlestown, East Boston, Boston, Dorchester and South Boston make up the coastal portion of the City of Boston. The estimated length of shoreline is 15 miles that are directly exposed to open ocean. The City is protected from major coastal storms by both natural and man-made shoreline structures that require maintenance to insure the long term protection of its coastline. The City is also protected by the Boston Harbor Islands and the Winthrop and Deer Island peninsula. The man-made and publicly owned structures that protect the City were investigated for their ability to provide adequate protection from major coastal storms. Structures have been identified as publicly owned, including coastal dunes and beaches, based on evidence of investment of public funds made to create/enhance/maintain these structures. The assessment did not include floating or pile supported structures as they are assumed not to provide any significant coastal protection from major storm events.

STRUCTURE NUMBER

A unique structure number was given to each coastal structure. The number was based on existing numbering systems but differs from the previous structure numbers assigned to other communities. This difference is because the Boston Assessor's Office assigns a ten digit number to each parcel. This ten digit number was divided to match the format of the previous structure number assignments. The first two digits of the ten digit number is the ward number and were used as the structure map number. The next four digits were used as the structure block number. The last four digits were used as the parcel number.

STRUCTURE INVENTORY

Within the City of Boston, there were 103 structures which had public or unknown ownership which provide significant coastal protection. East Boston had 18 structures. Charlestown had 16 structures. Boston had 6 structures. South Boston had 36 structures and Dorchester had 27 structures. The location of the structures can be seen in Sheets 1 through Sheet 22 in Section II-B of this report. The structures were categorized by their type and by their structural condition based on a preliminary field assessment. The distribution of structures by type and condition can be seen in the following table:

STRUCTURE TYPE AND QUANTITY - City of Boston

Primary Structure (1)	Total Structures	Structure Condition Rating A	B	C	D	F	Total Length
Bulkhead / Seawall	54	4	26	14	9	1	35626
Revetment	38	3	24	8	3		31085
Breakwater							
Groin / Jetty							
Coastal Dune	1		1				850
Coastal Beach	10		9	1			14614
	103	7	60	23	12	1	82175

Within the above table, the total length of each type of structure is also provided. The structures are listed by the type which is providing the primary coastal protection. Many sites have multiple structure types at the same location (i.e. revetment in front of seawall). These secondary structures, although not identified within these tables, are included in the development of repair/rehabilitation costs.

The development of repair costs has been included by structure type and by condition. In the City of Boston's case there are a total of 96 structures which would require approximately $ 47 million to bring all the coastal structures to "A" Rating. Most critical will be the structures in the "D" and "F" classifications as those are assumed to undergo some level of damage or failure during the next major coastal storm event. To reconstruct these structures, identified in the preliminary survey as being in poor condition, an estimated $ 24 million would be required to upgrade the City's coastal protection.

STRUCTURE REPAIR / RECONSTRUCTION COST - City of Boston

Primary Structure (1)	Total Structures	Structure Condition Rating A	B	C	D	F	Total Cost
Bulkhead / Seawall	54		$ 4,810,516	$ 8,434,285	$ 20,382,001	$ 813,916	$ 34,440,718
Revetment	38		$ 4,344,053	$ 3,285,770	$ 2,597,496		$ 10,227,319
Breakwater							
Groin / Jetty							
Coastal Dune	1		$ 148,512				$ 148,512
Coastal Beach	10		$ 1,411,956	$ 491,040			$ 1,902,996
	103		$ 10,715,037	$ 12,211,095	$ 22,979,497	$ 813,916	$ 46,719,545

Based on the limited research within the scope of this project research, the presumed ownership of the structures was established on an initial basis and would be subject to more intense review in future tasks. Structures identified as being owned privately were excluded from further consideration. Although ownership of the land on which the structure was located was a factor, the structure ownership was treated as a separate issue from land ownership. For the City of Boston the breakdown of structures by assumed ownership is as follows:

STRUCTURE OWNERSHIP / REPAIR COST - City of Boston

Primary Structure (1)	Total Structures	Structure Condition Rating A	B	C	D	F	Total Cost
Town Owned	44		$ 2,501,387	$ 6,773,131	$ 20,913,829		$ 30,188,347
Commonwealth of Massachusetts	59		$ 8,213,650	$ 5,437,964	$ 2,065,668	$ 813,916	$ 16,531,198
Federal Government Owned							
Unknown Ownership							
	103		$ 10,715,037	$ 12,211,095	$ 22,979,497	$ 813,916	$ 46,719,545

The identification of presumed ownership was not based on the investigation of legal documents but relied on property ownership and from construction and regulatory documents that were found. A more detailed investigation of legal documents and agreements would be required where structure ownership is disputed. A more detailed identification of structure type, length, condition and location can be found in Section II-B which contains Structure Assessment Reports for each individual structure found.

SUMMARY

The enclosed reports and associated documents reflects the City of Boston's coastal structure information that will eventually be input into a state-wide GIS database and will be accessible through MassGIS. This data, when compiled state-wide, will be critical in the development of both short term and long term planning for maintaining and improving Massachusetts coastal protection.

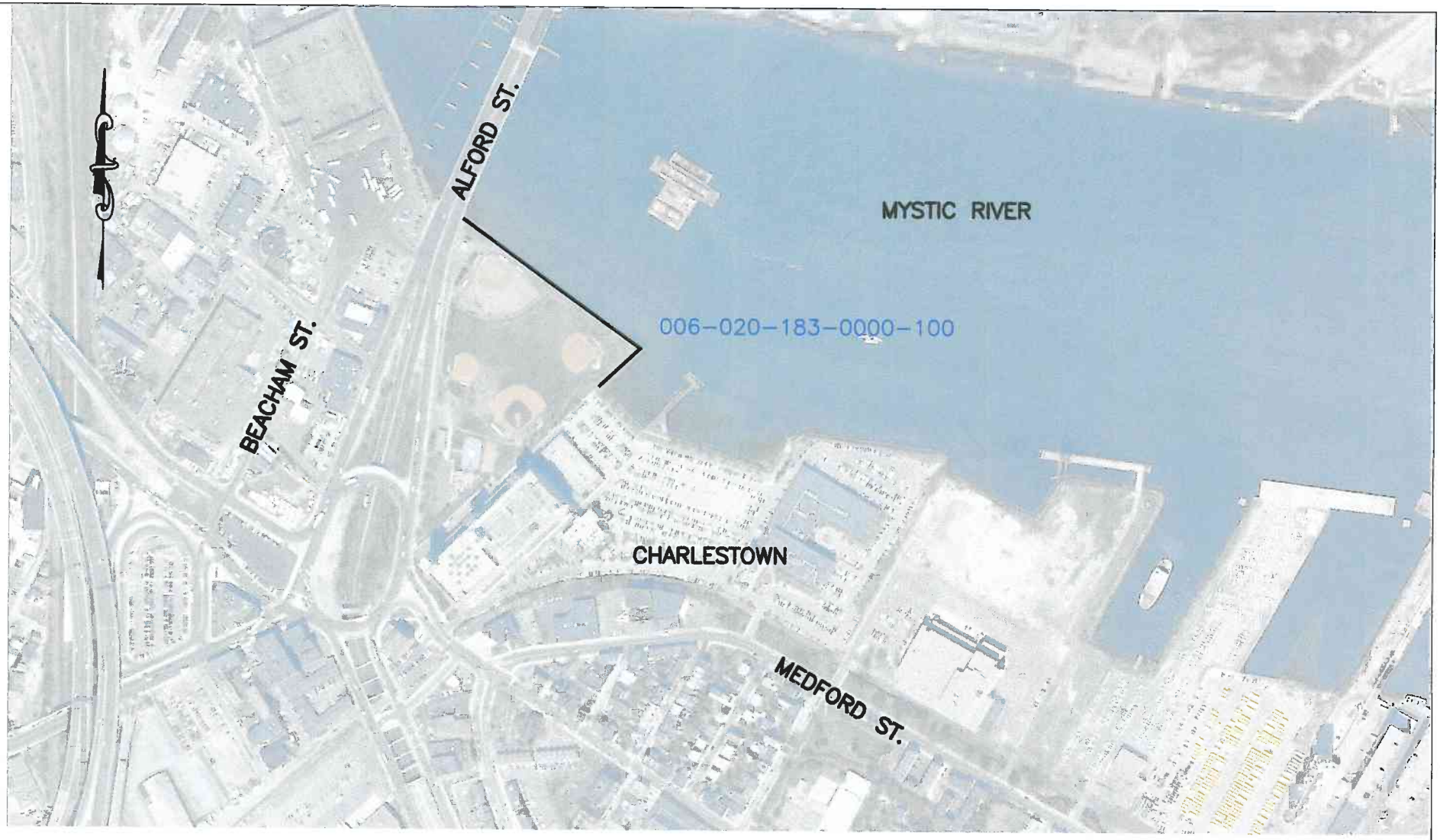
This database will also provide relatively quick access to identify available documentation for these structures as well as the ability to be updated as coastal structure improvements are made.

Section II - Boston

Part B

Structure Assessment Reports

East Boston
Charlestown
Boston
South Boston
Dorchester



COASTAL STRUCTURE LOCATION PLAN

CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
AND ASSESSMENT PROJECT
OCTOBER 2007

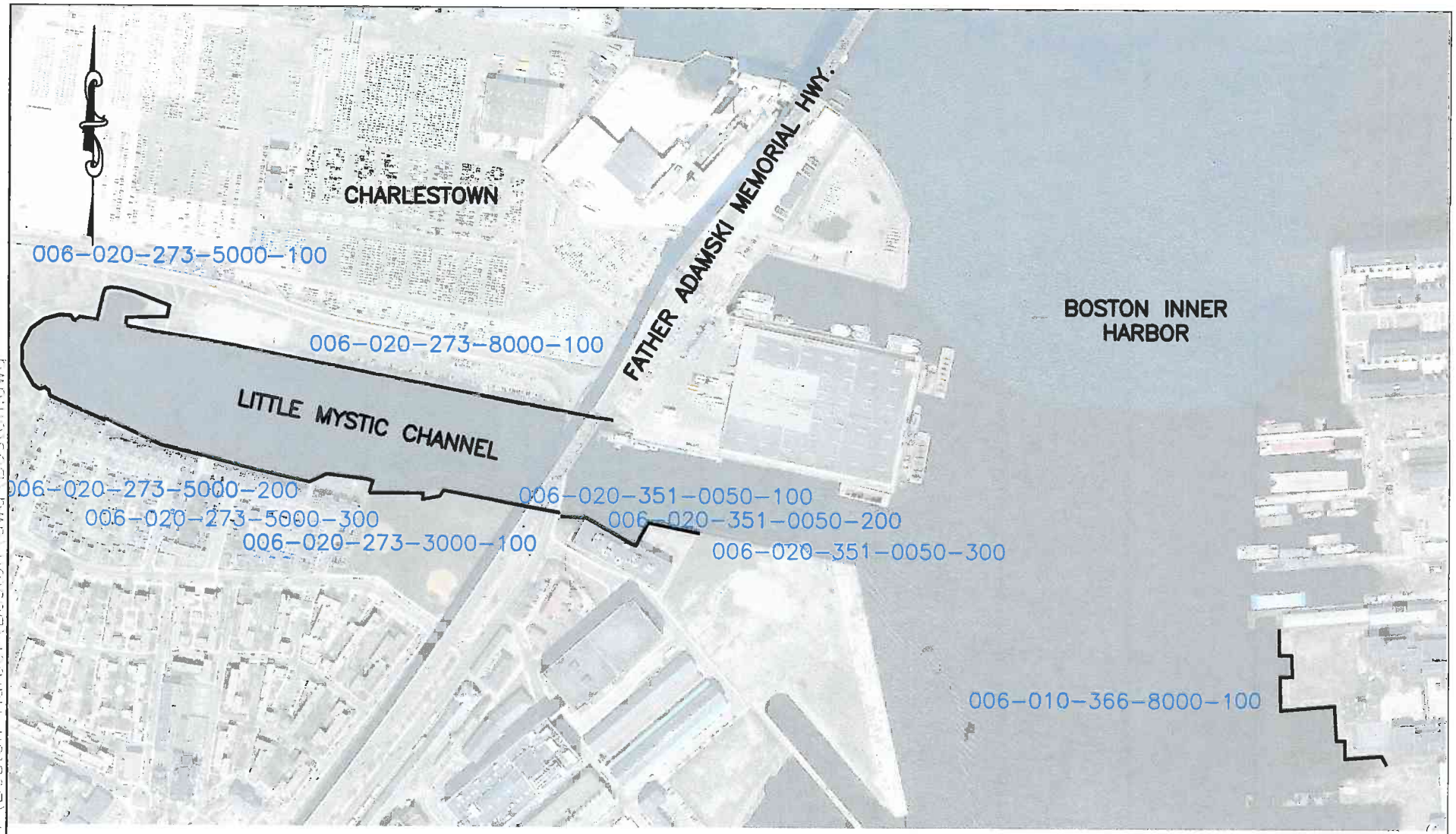
0 150

SCALE: 1" = 150'

BCE Bourne Consulting Engineering
3 Pond Street
Franklin, MA 02038
TEL. (508) 533-4000 FAX. (508) 533-4000

SHEET 1

File: x:\27652-\27667\Boston Harbor\Boston\dwg\Boston.dwg



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SHEET 2

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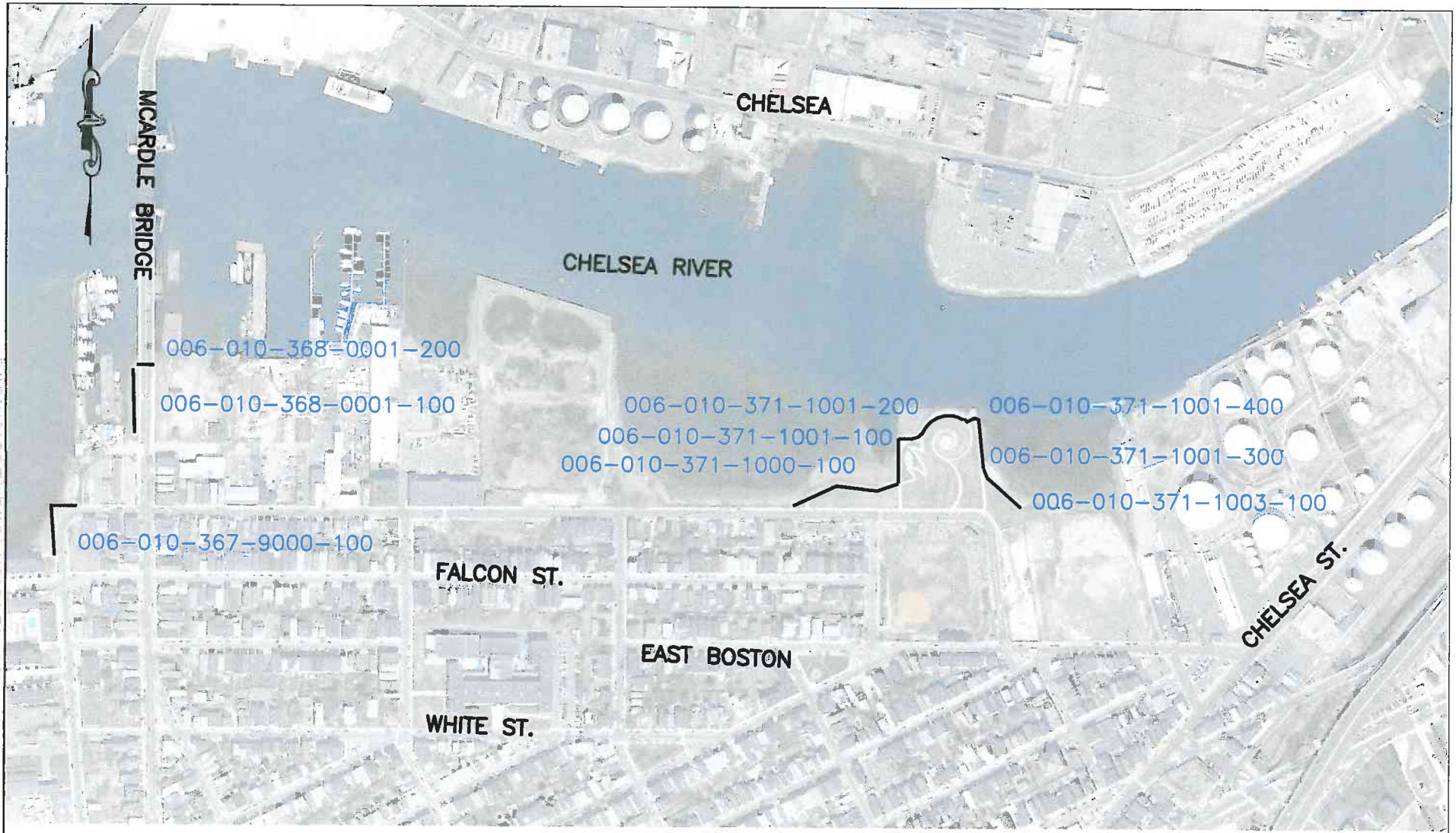

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OCTOBER 2007

0 150

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BCE Bourne Consulting Engineering
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TEL. (508) 553-8888 FAX. (508) 553-8888

SHEET 3

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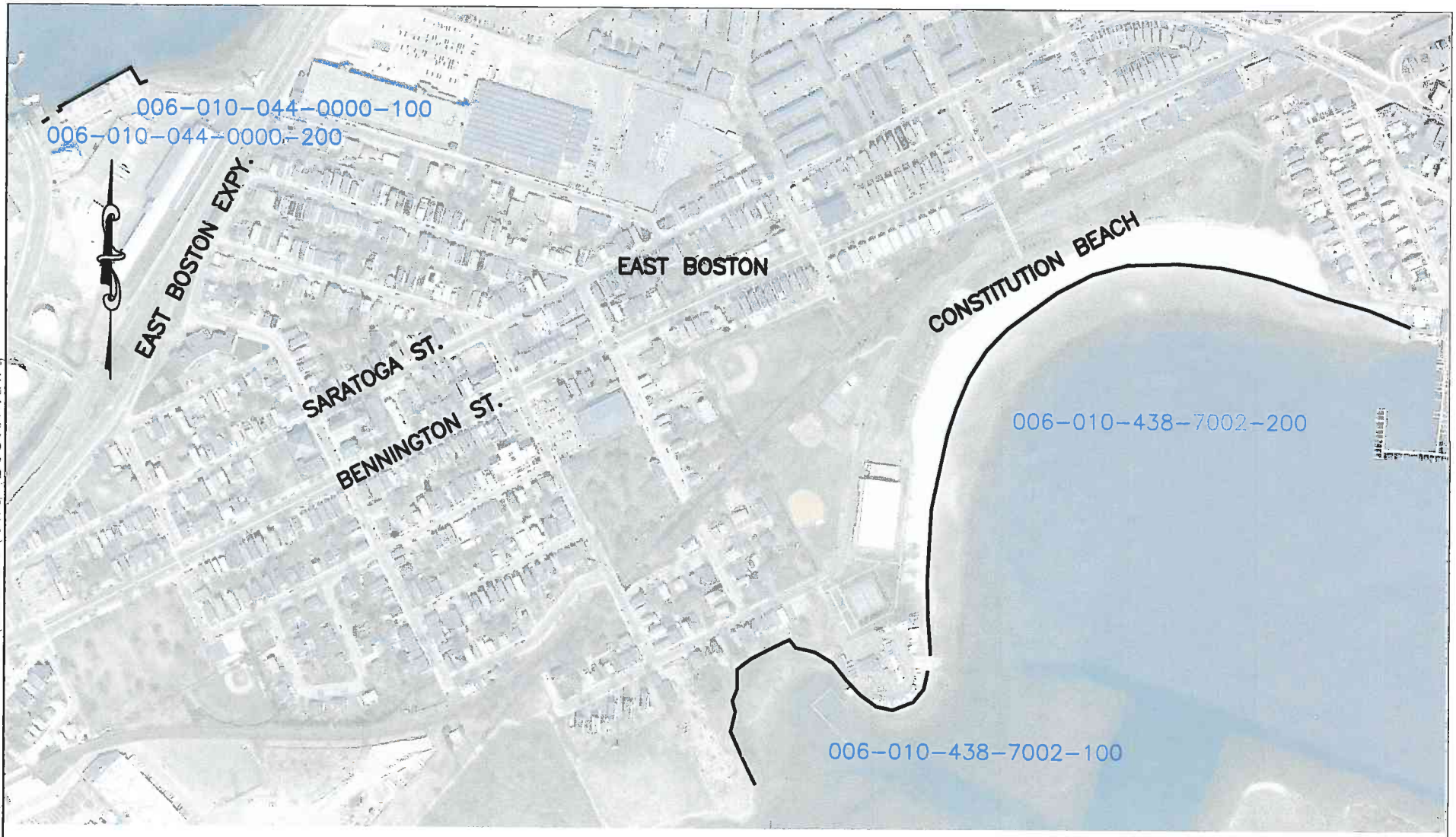

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CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
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OCTOBER 2007

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SHEET 4

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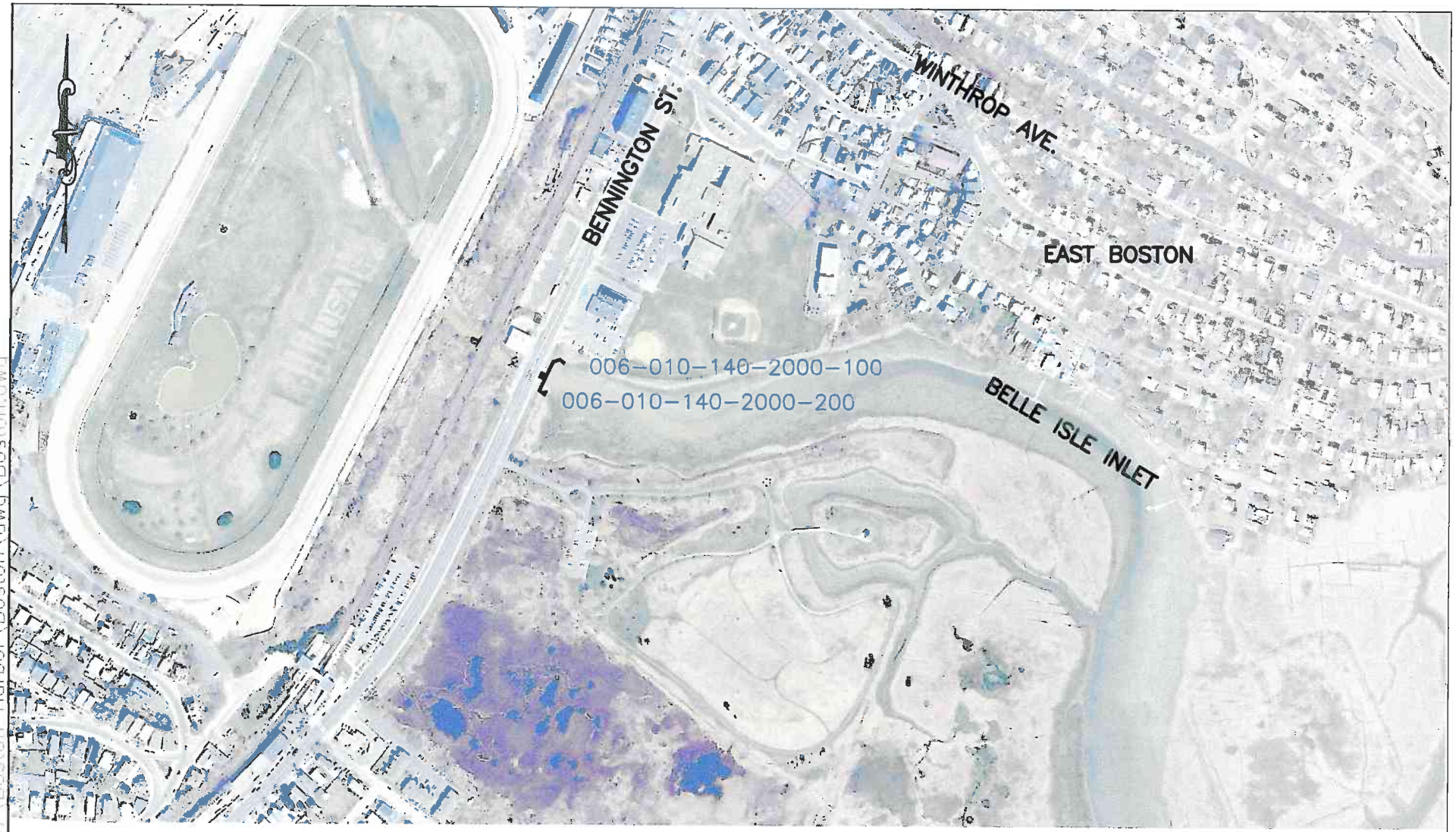

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CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
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OCTOBER 2007

0 150

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SHEET 5

File: x:\27652-\27667\Boston Harbor\Boston\dwg\Boston.dwg

COASTAL STRUCTURE LOCATION PLAN

CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
AND ASSESSMENT PROJECT
OCTOBER 2007

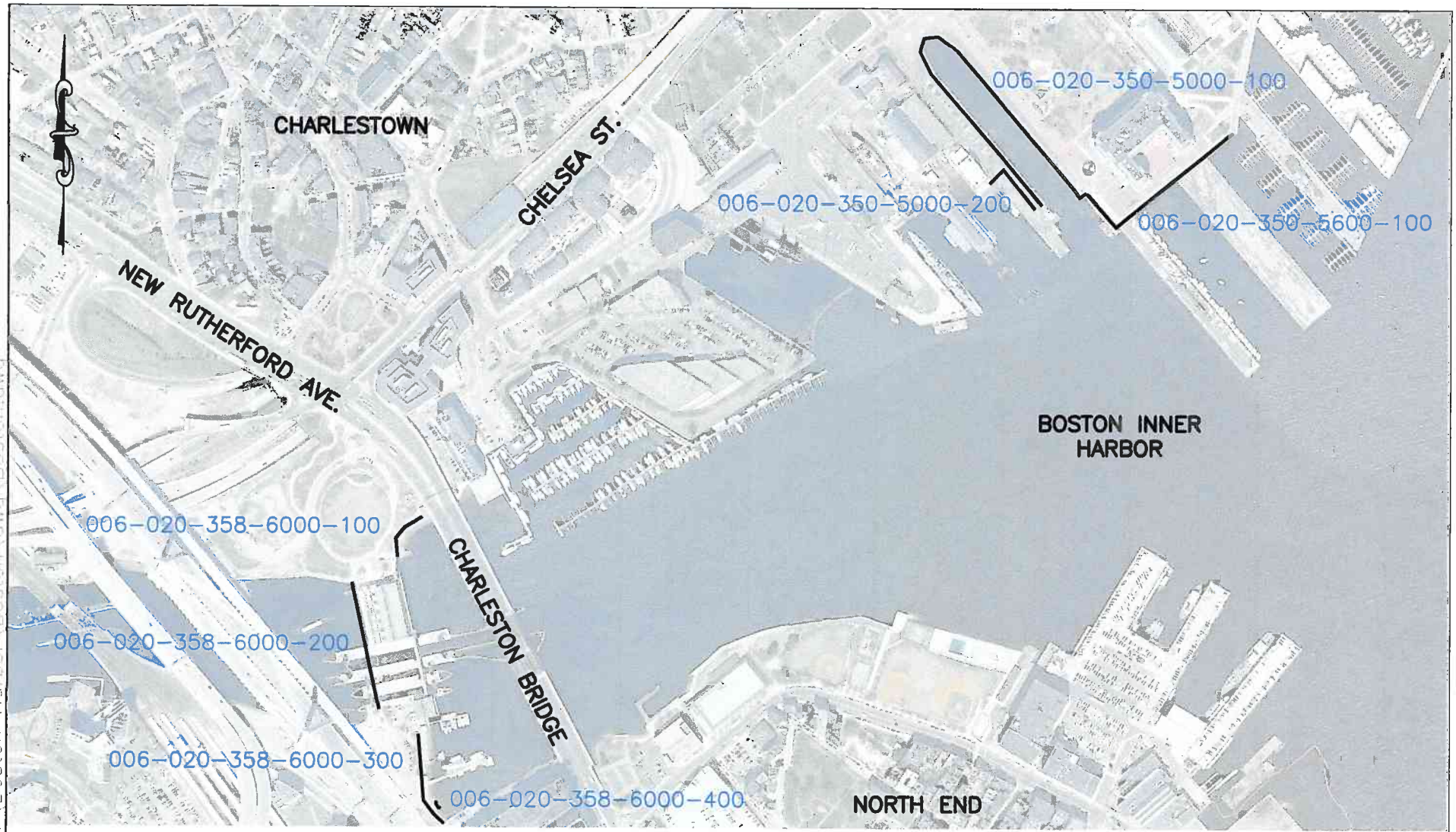
0 150

SCALE: 1" = 150'

BCE Bourne Consulting Engineering

SHEET 6

File: X:\27652-\27667\Boston Harbor\Boston\dwg\Boston.dwg



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CITY OF BOSTON
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OCTOBER 2007

0 150
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TEL. (508) 533-4000 FAX. (508) 533-4000

SHEET 7

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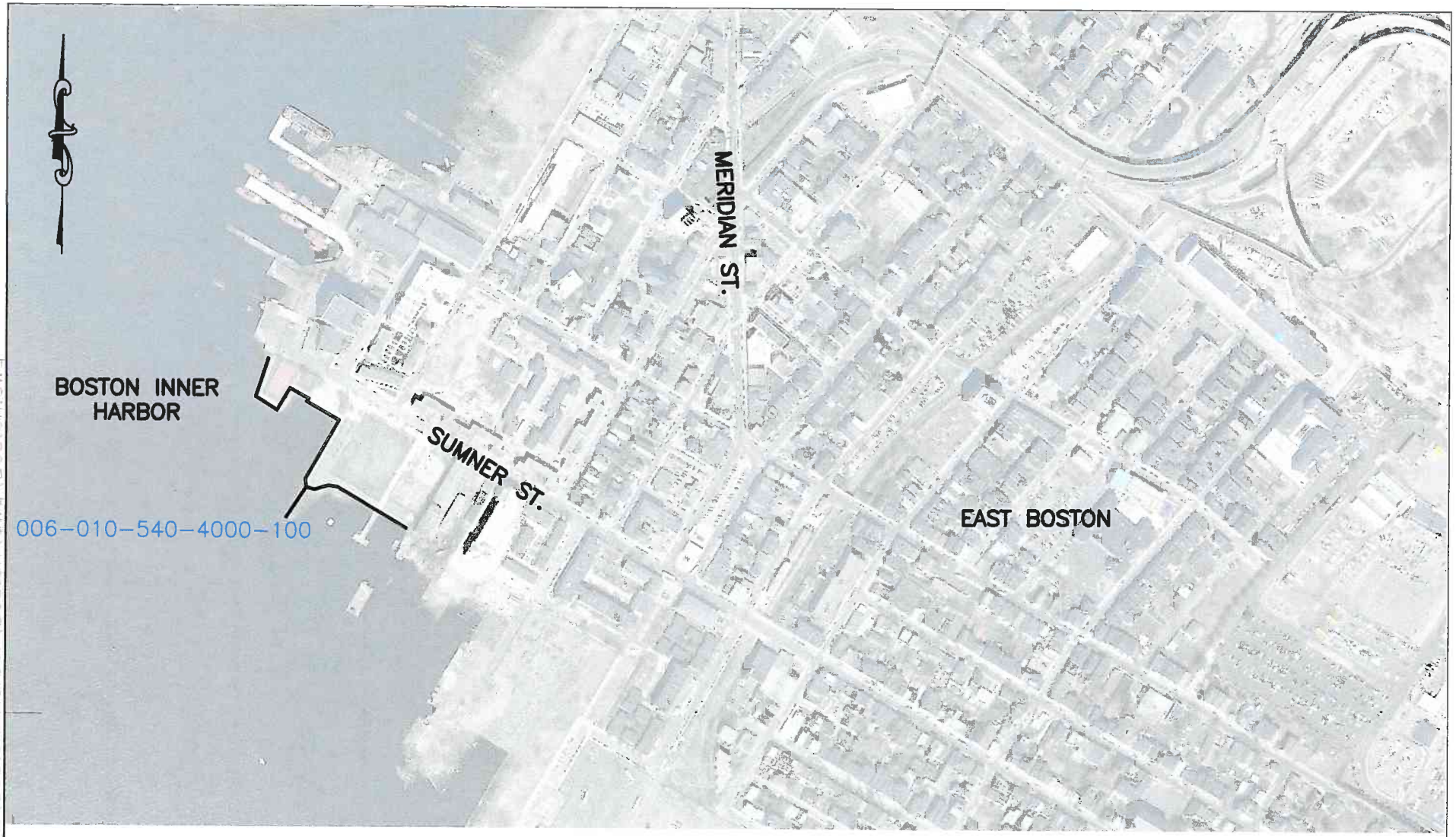

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SHEET 8

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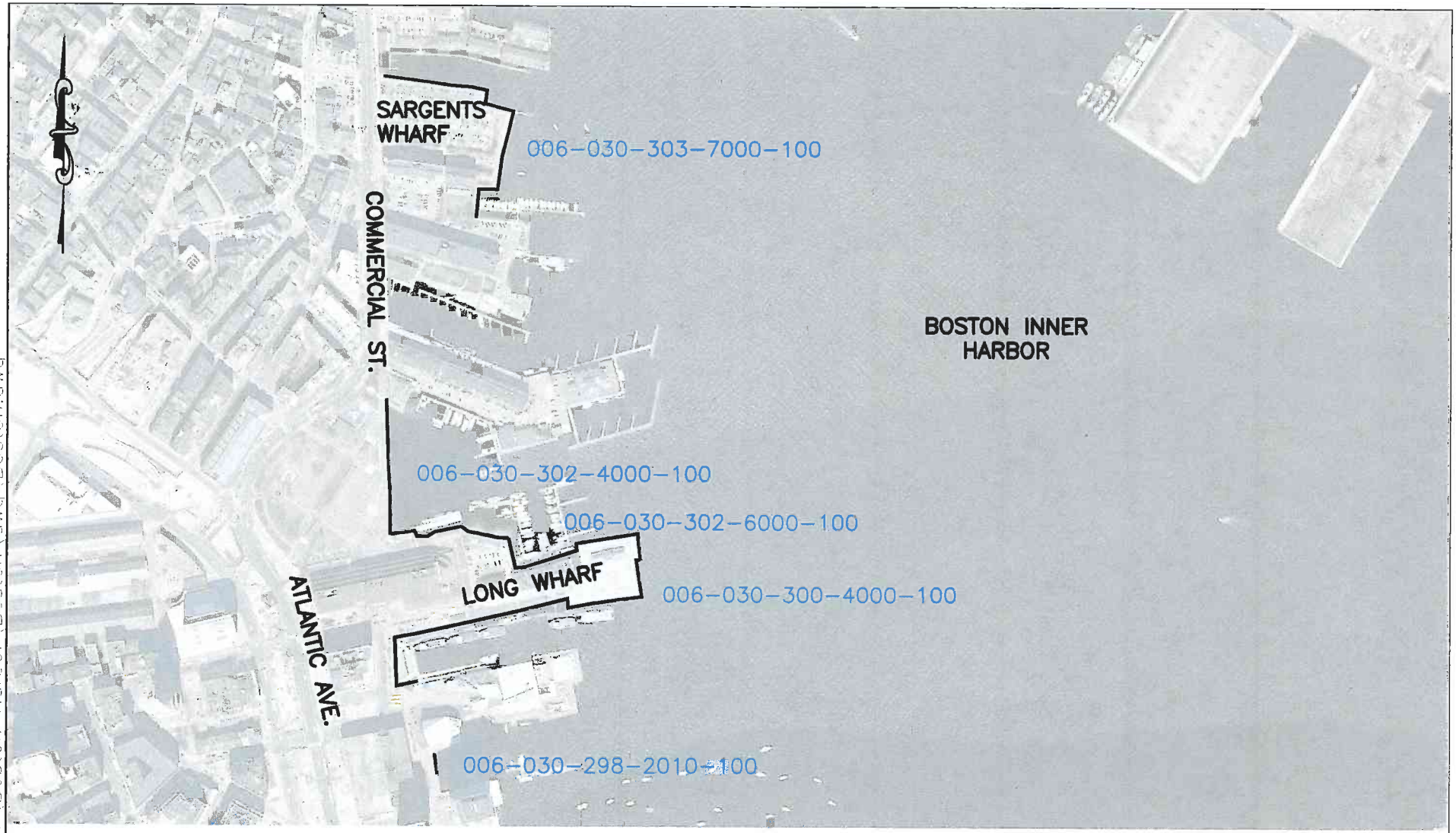

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3 Bent Street
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TEL. (508) 533-4888 FAX. (508) 533-4889

SHEET 9

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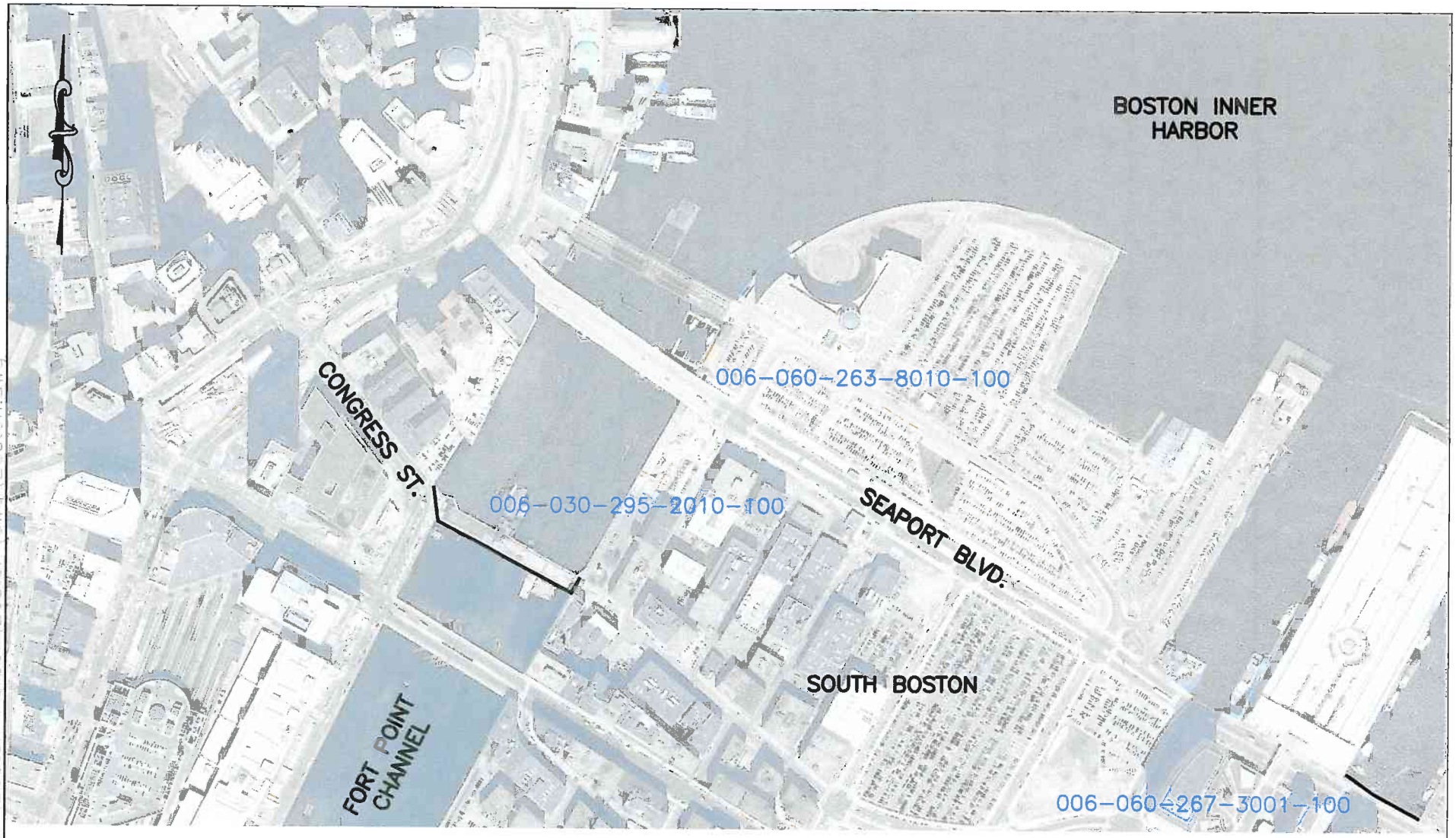

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OCTOBER 2007

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TEL. (508) 553-0000 FAX. (508) 553-0000

SHEET 10

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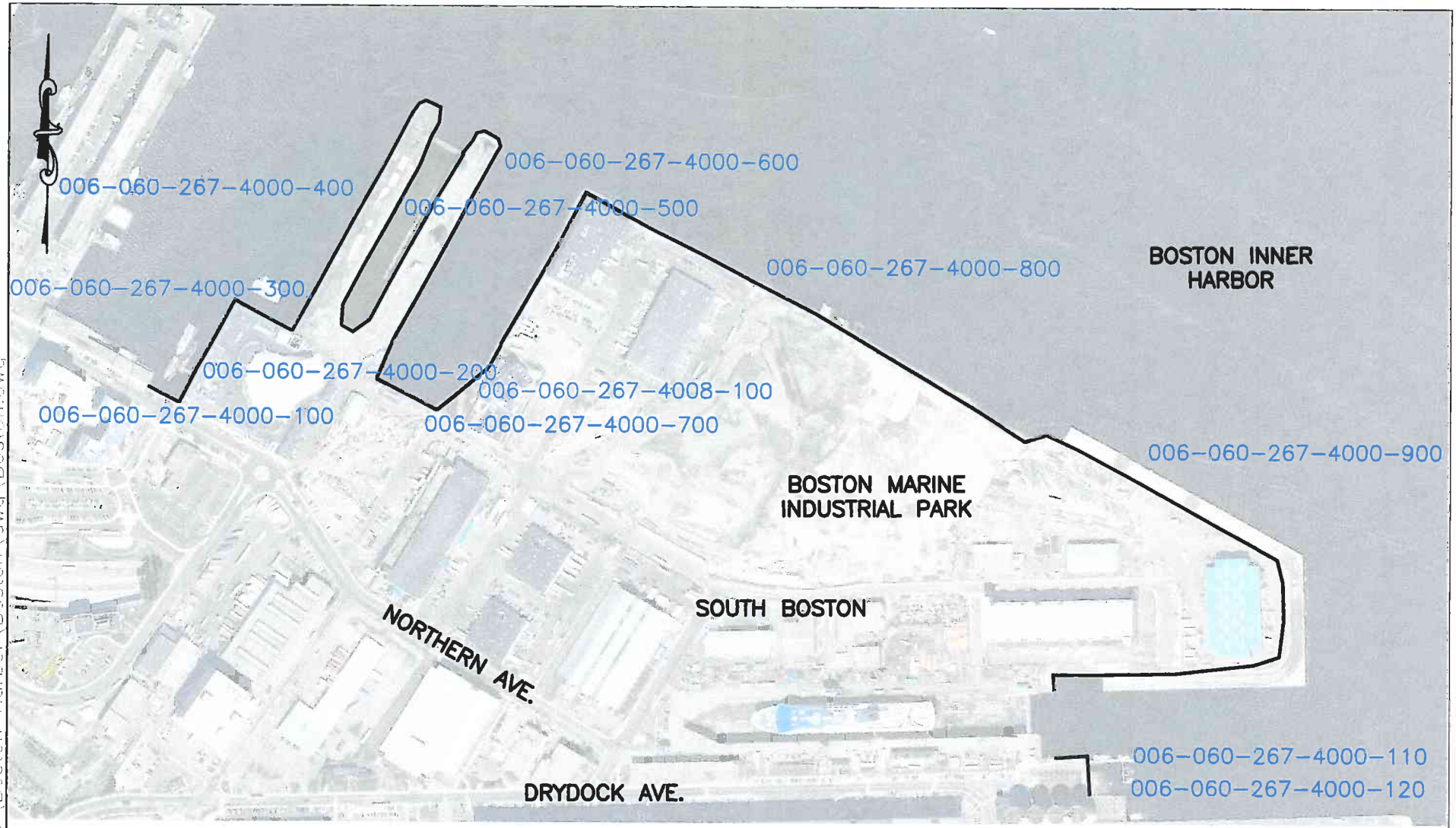

COASTAL STRUCTURE LOCATION PLAN

CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
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OCTOBER 2007

0 150

SCALE: 1" = 150'

Bourne Consulting Engineering

SHEET 11

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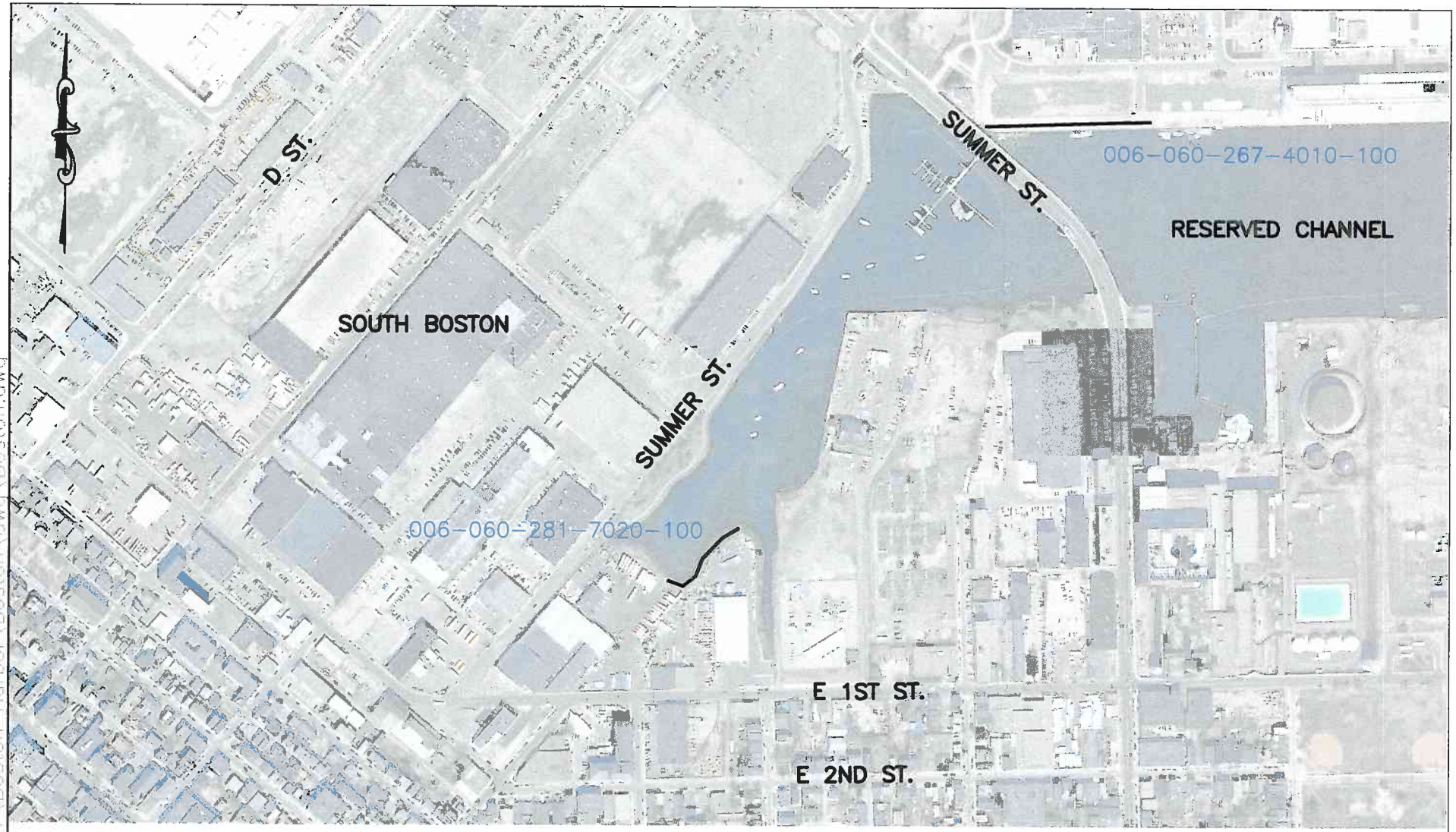

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CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
AND ASSESSMENT PROJECT
OCTOBER 2007

0 150
SCALE: 1" = 150'

BCE Bourne Consulting Engineering

SHEET 12

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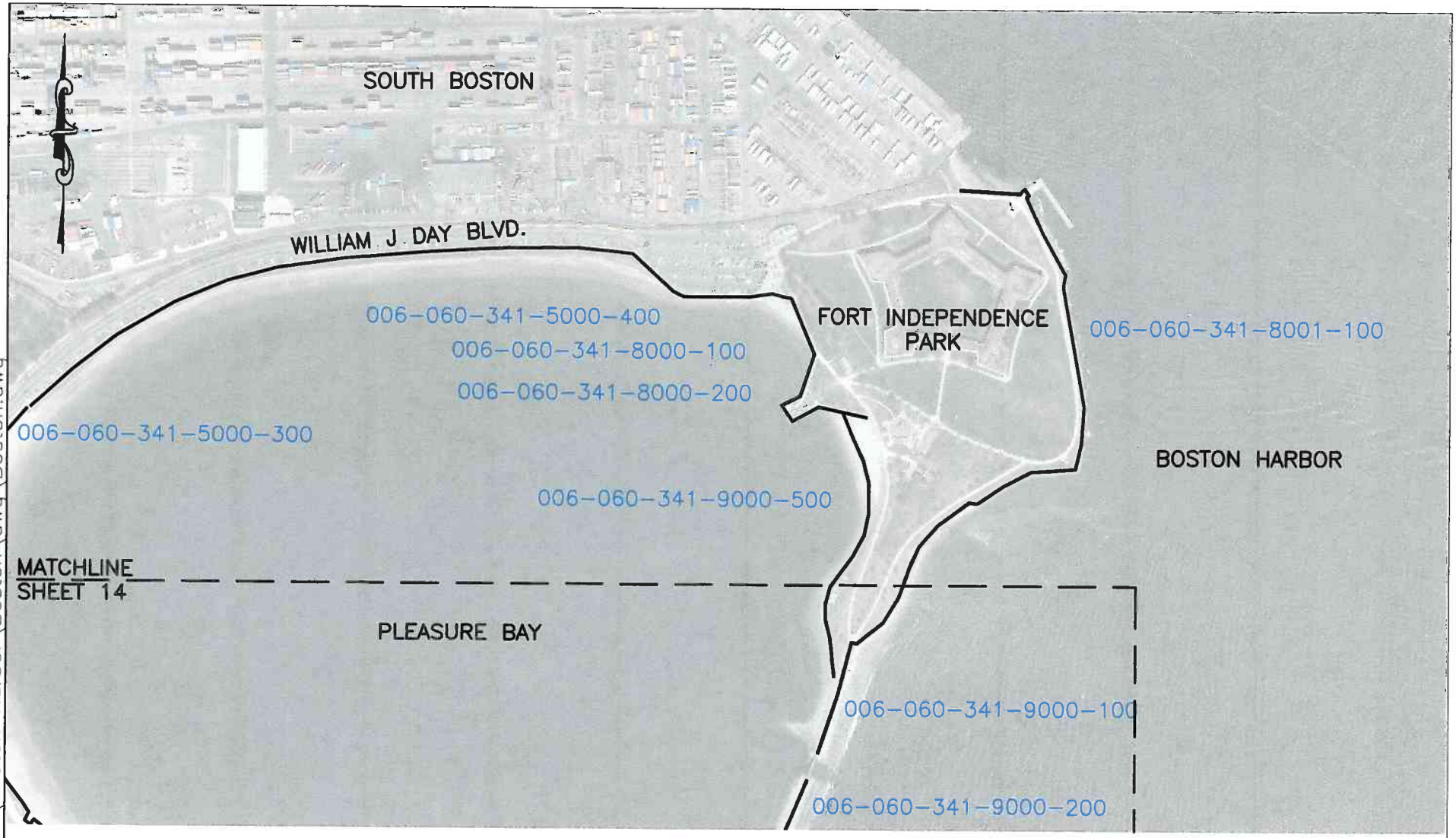

COASTAL STRUCTURE LOCATION PLAN

CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
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OCTOBER 2007

0 150
SCALE: 1" = 150'

BCE Bourne Consulting Engineering
3 Bank Street
Franklin, MA 02038
TEL. (508) 533-6666 FAX (508) 533-6669

SHEET 13

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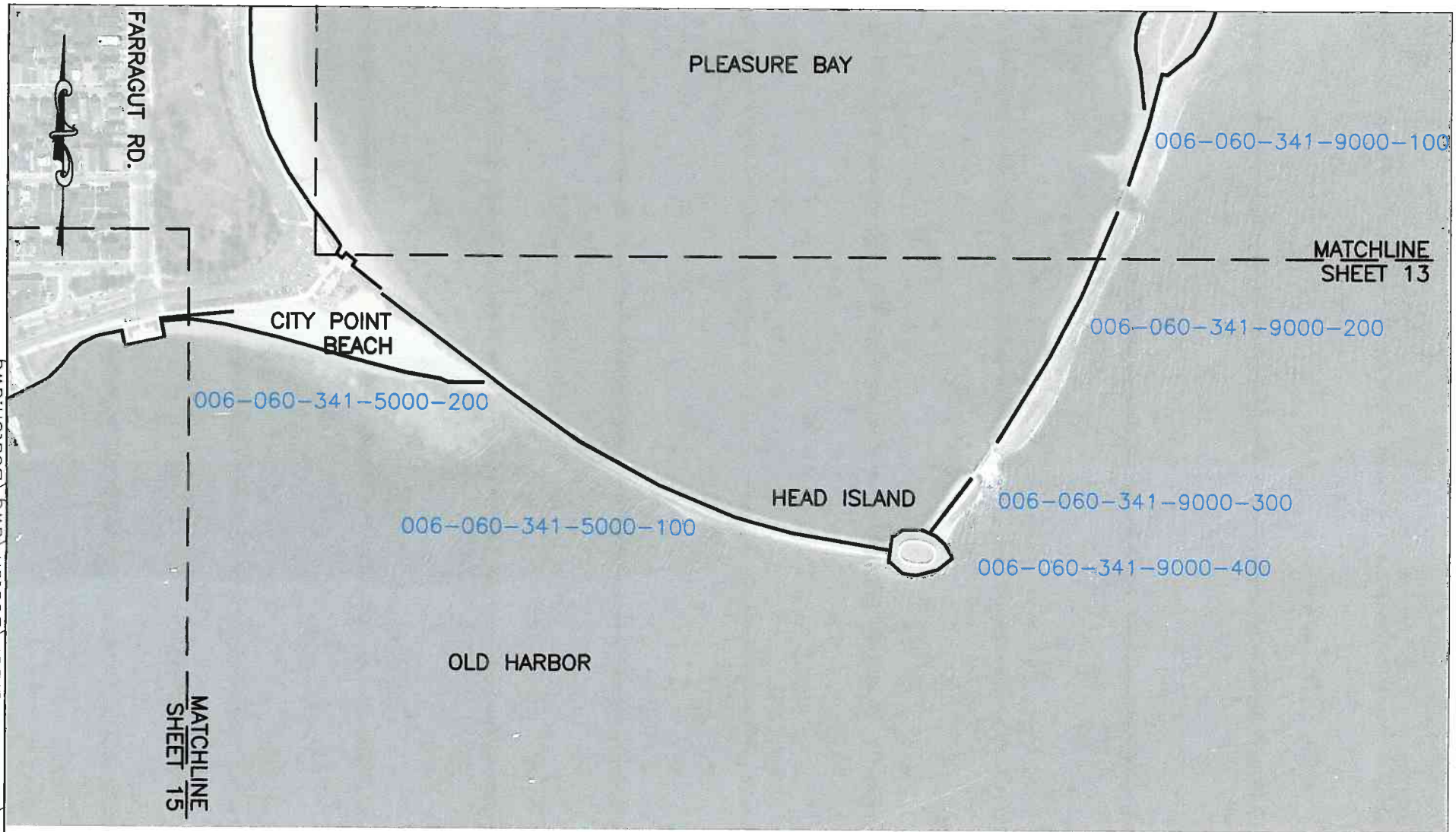

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CITY OF BOSTON
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OCTOBER 2007

0 150

SCALE: 1" = 150'

BCE Bourne Consulting Engineering

SHEET 14

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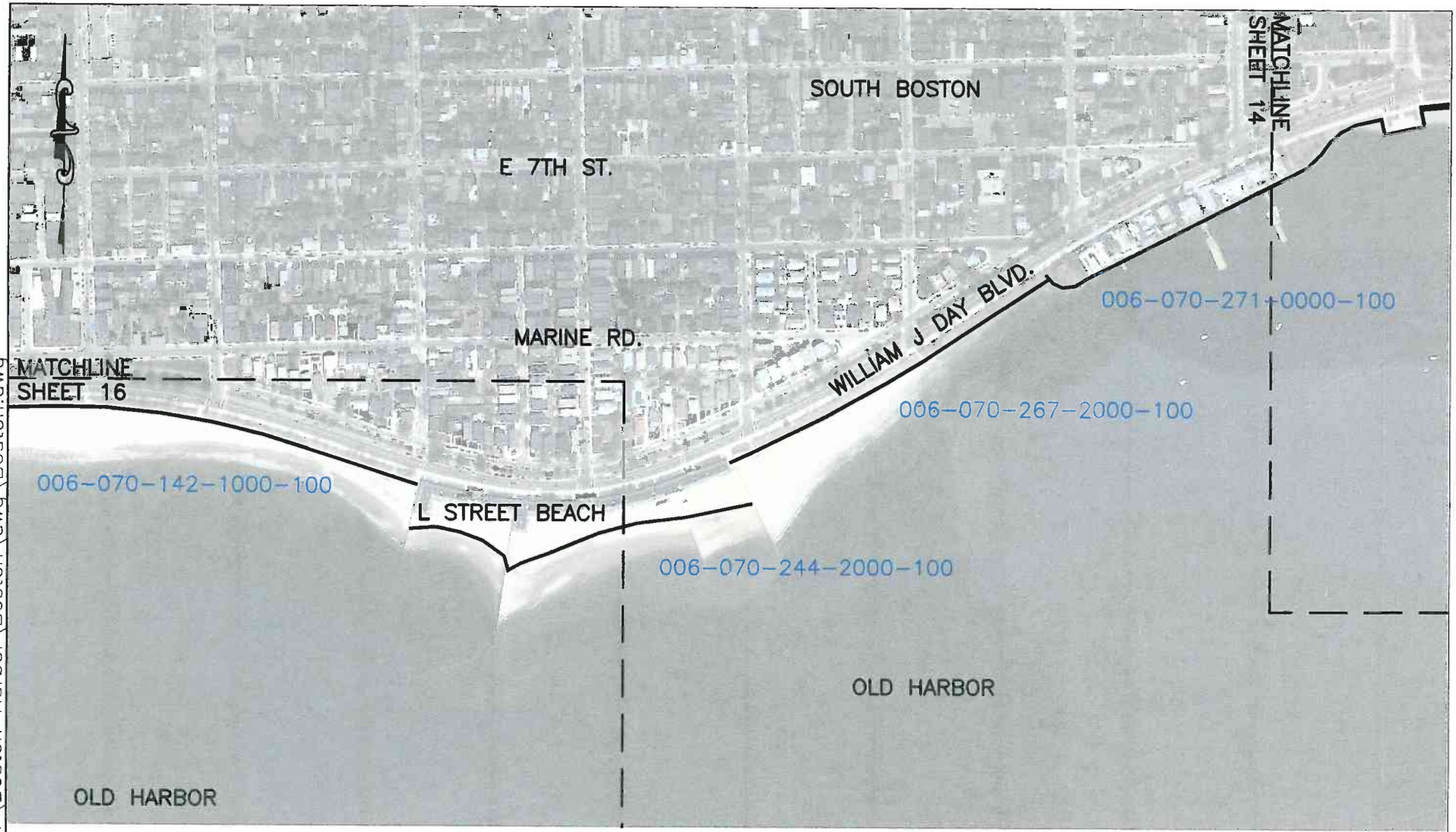

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OCTOBER 2007

0 150

SCALE: 1" = 150'

BCE Bourne Consulting Engineering
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Franklin, MA 02038
TEL. (508) 533-4000 FAX (508) 533-4099

SHEET 15

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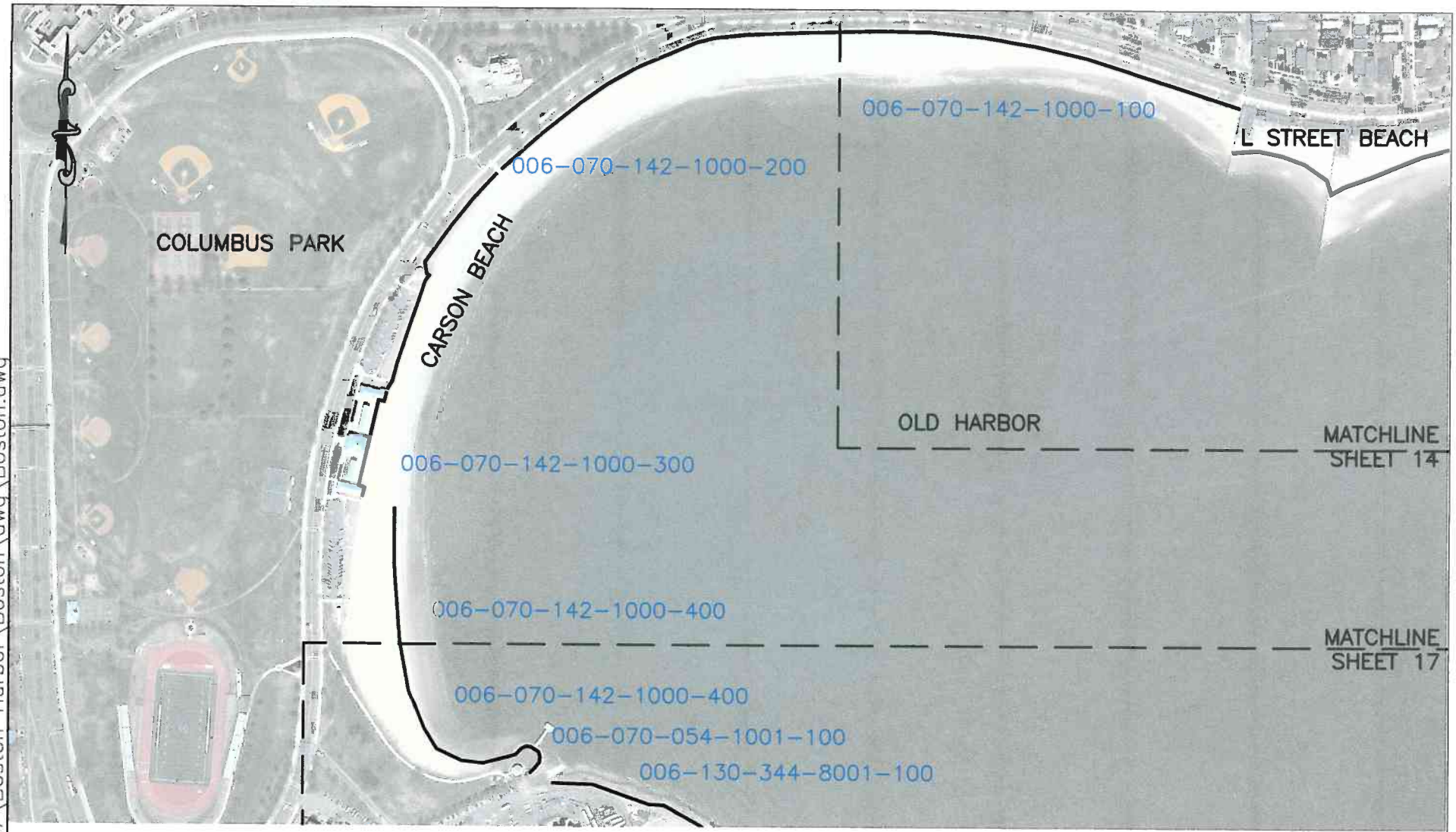

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CITY OF BOSTON
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OCTOBER 2007

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Franklin, MA 02038
TEL. (508) 533-4000 FAX. (508) 533-4000

SHEET 16

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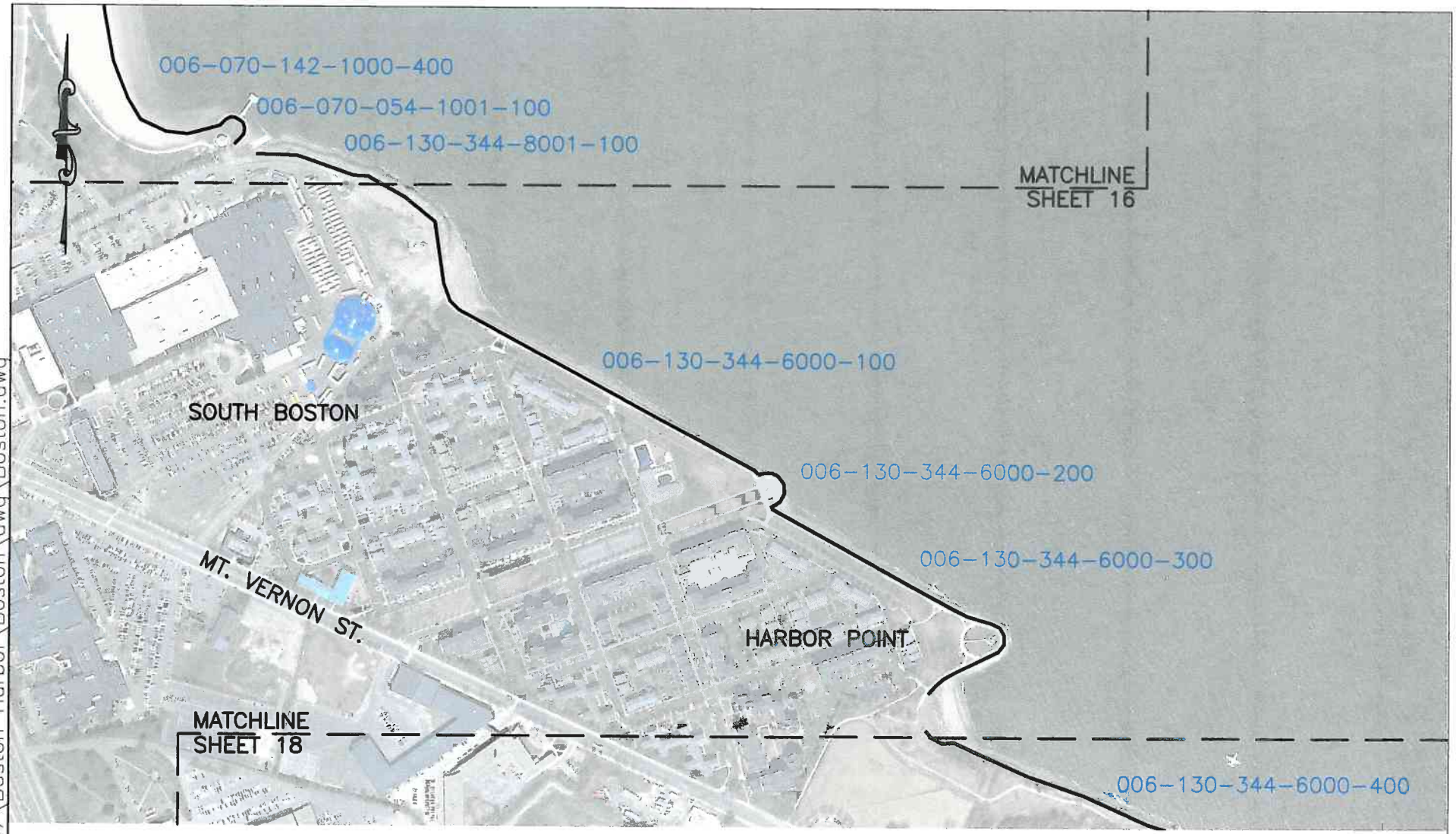

COASTAL STRUCTURE LOCATION PLAN

CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
AND ASSESSMENT PROJECT
OCTOBER 2007

0 150
SCALE: 1" = 150'

BCE Bourne Consulting Engineering
3 Bond Street
Franklin, MA 02038
TEL. (508) 533-4005 FAX. (508) 533-4009

SHEET 17

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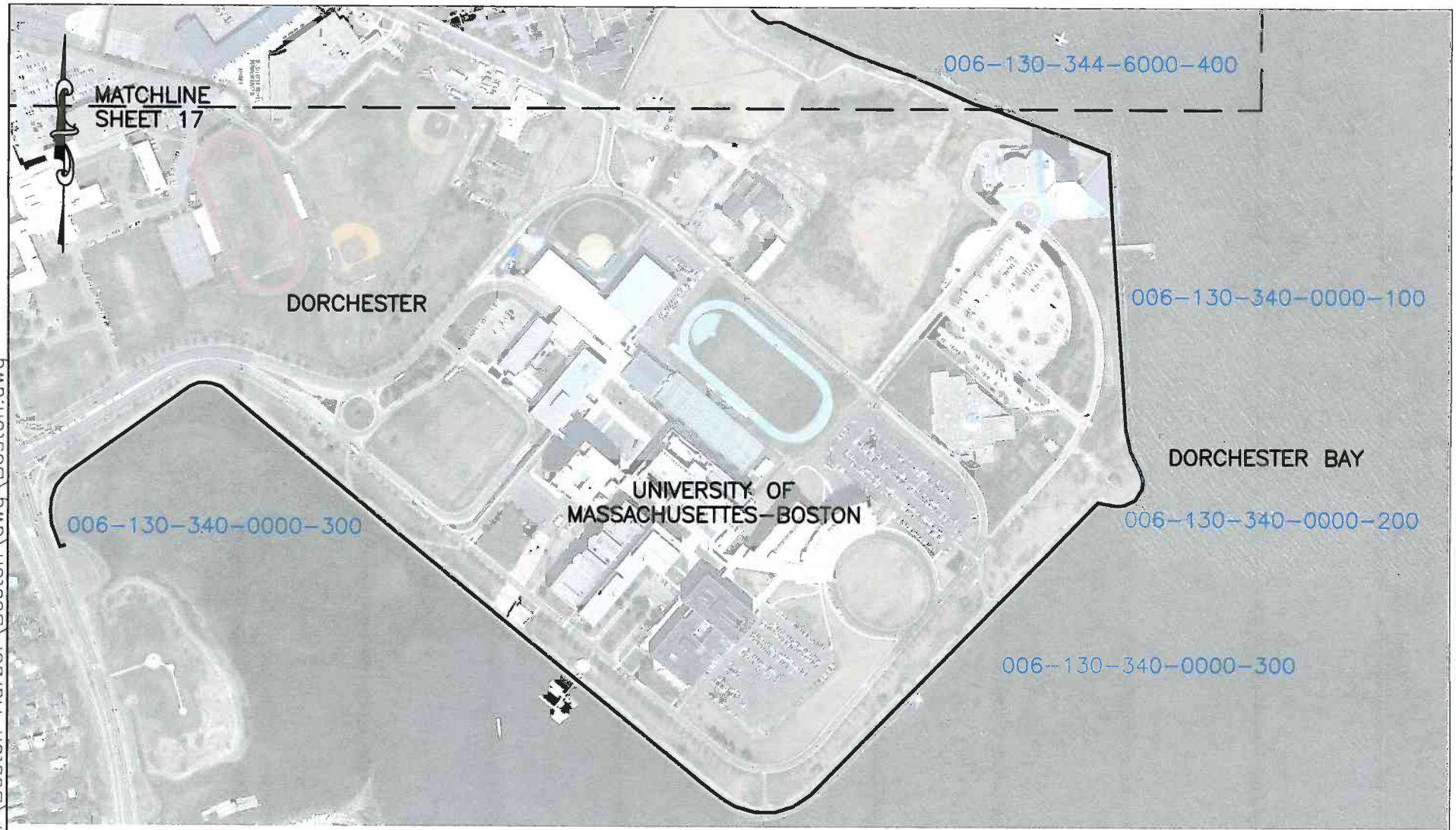

COASTAL STRUCTURE LOCATION PLAN

CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
AND ASSESSMENT PROJECT
OCTOBER 2007

0 150
SCALE: 1" = 150'

BCE Bourne Consulting Engineering
3 Bank Street
Franklin, MA 02038
TEL. (508) 533-6666 FAX (508) 533-6668

SHEET 18

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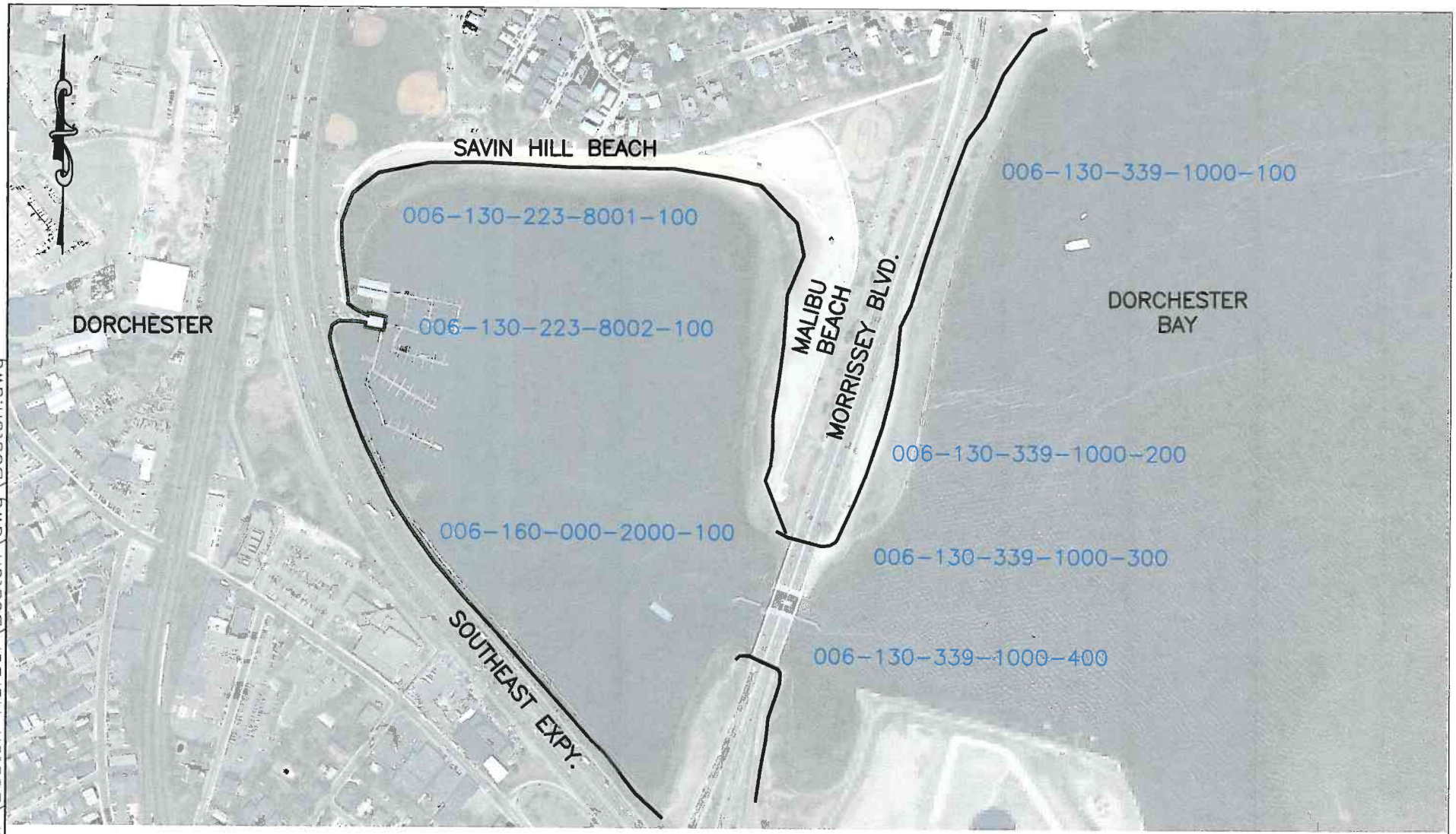

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CITY OF BOSTON
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OCTOBER 2007

0 150

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BCE Bourne Consulting Engineering
5 Bond Street
Franklin, MA 02038
TEL. (508) 553-0000 FAX (508) 553-0000

SHEET 19

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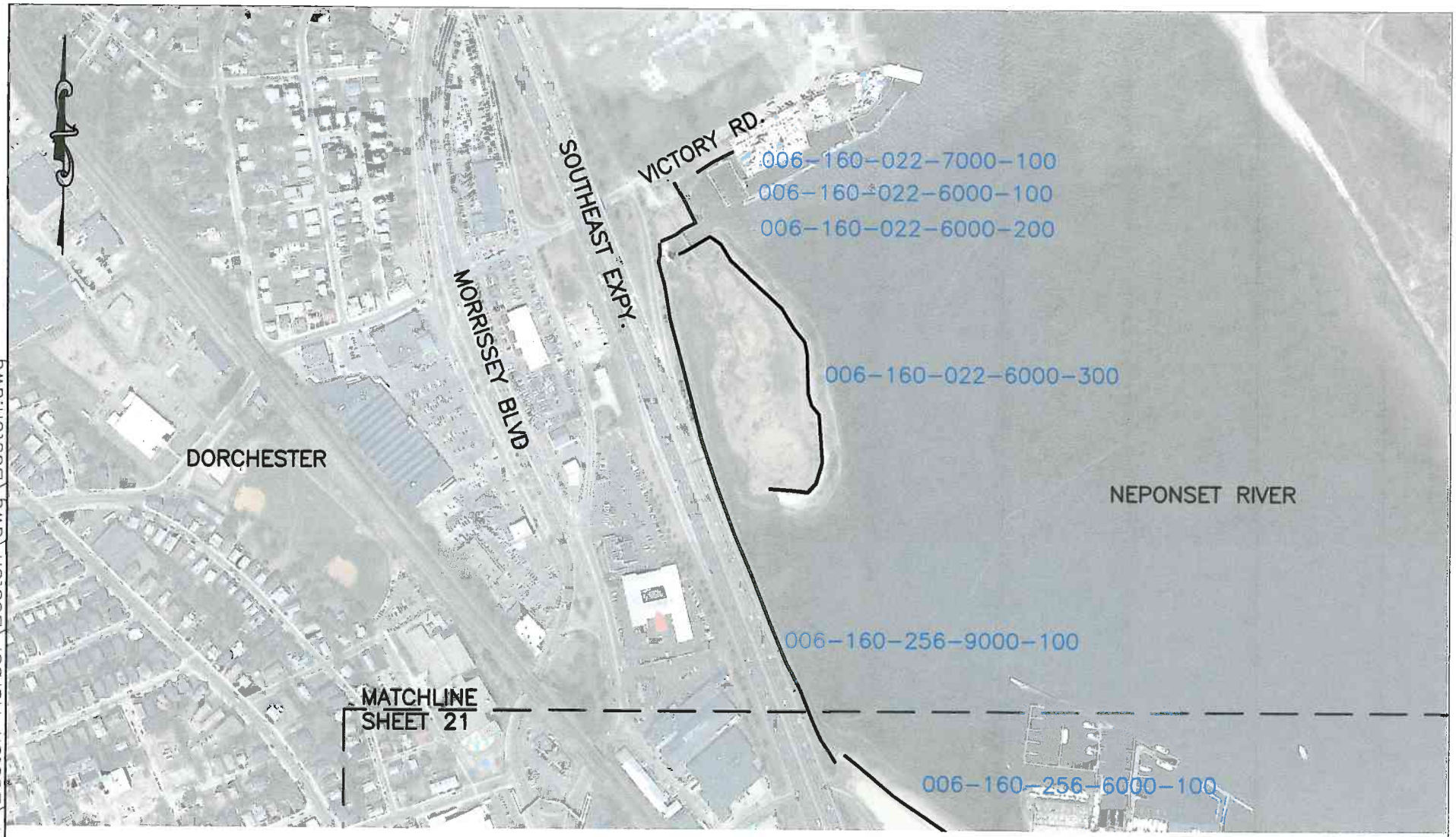

COASTAL STRUCTURE LOCATION PLAN

CITY OF BOSTON
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OCTOBER 2007

0 150
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BCE Bourne Consulting Engineering
3 Pond Street
Franklin, MA 02038
TEL. (508) 553-0000 FAX (508) 553-0000

SHEET 20

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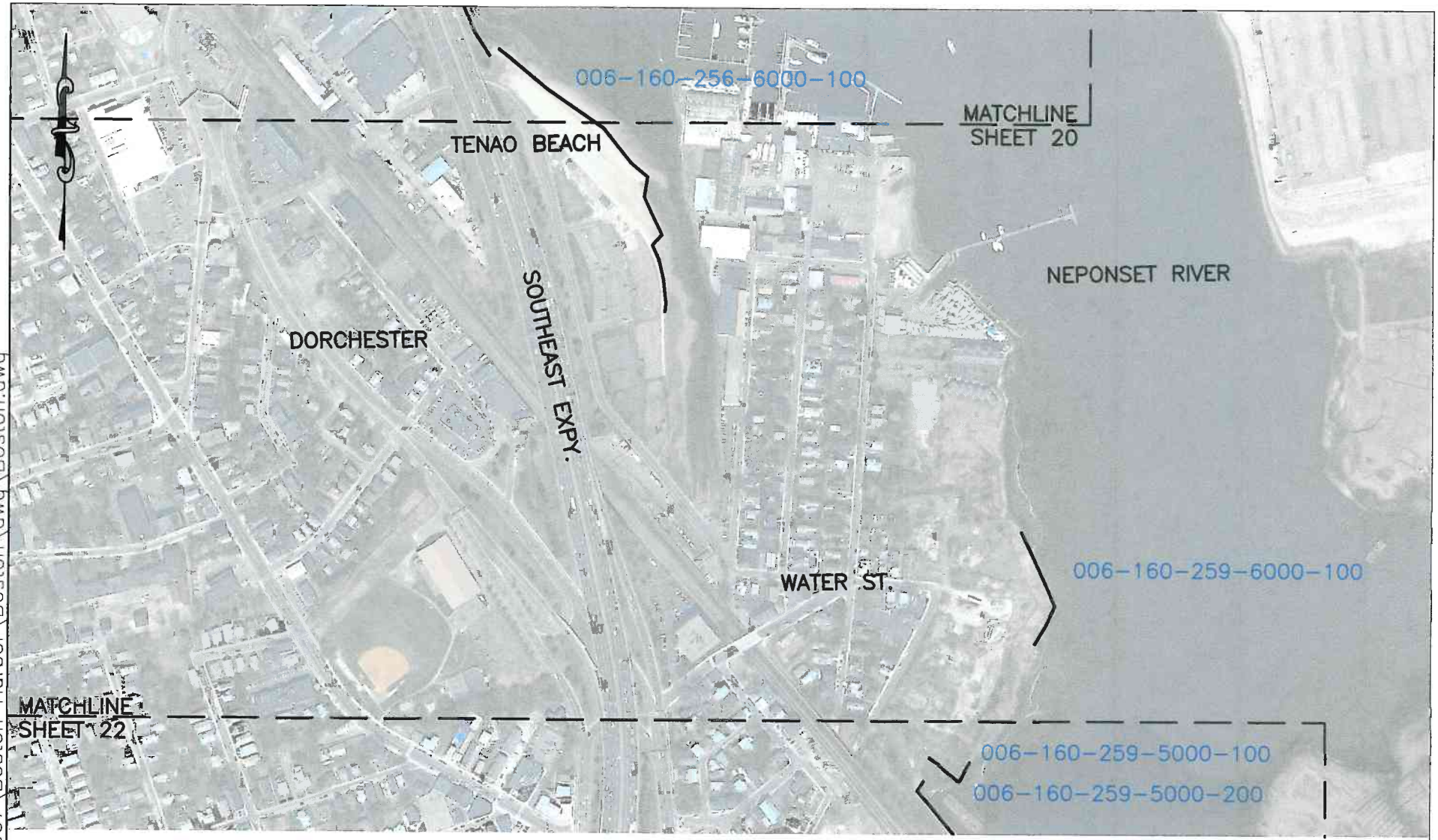

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CITY OF BOSTON
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OCTOBER 2007

0 150
SCALE: 1" = 150'

BCE Bourne Consulting Engineering
3 East Street
Franklin, MA 02038
TEL. (508) 553-0000 FAX (508) 553-0000

SHEET 21

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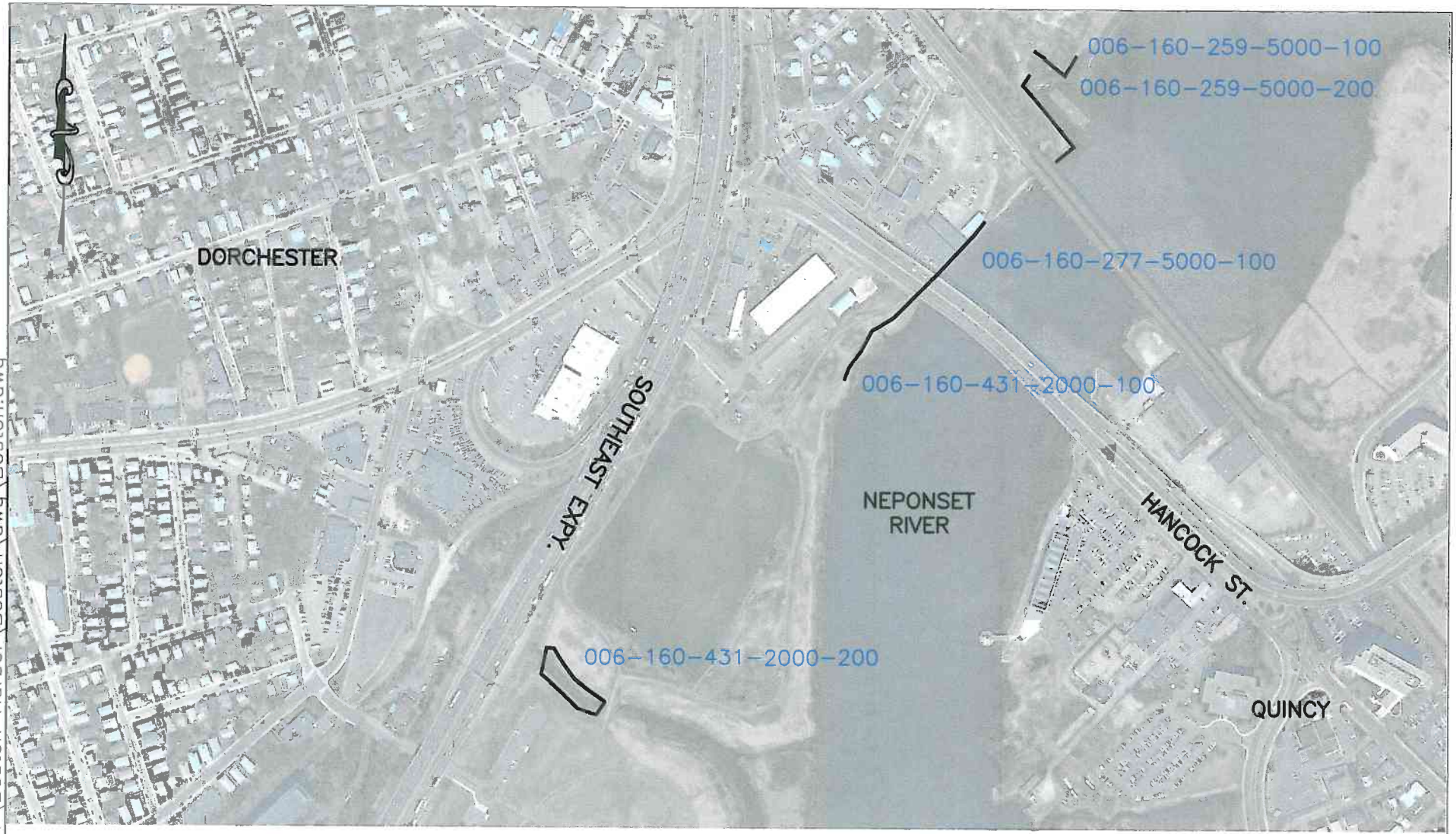

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CITY OF BOSTON
COASTAL INFRASTRUCTURE INVENTORY
AND ASSESSMENT PROJECT
OCTOBER 2007

0 150

SCALE: 1" = 150'

BCE Bourne Consulting Engineering
3 Pond Street
Franklin, MA 02038
TEL. (508) 533-8000 FAX. (508) 533-8008

SHEET 22

File: X:\27652-\27667\Boston Harbor\Boston\dwg\Boston.dwg

Structure Assessment Reports

East Boston

BCE

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-044-0000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - Chelsea Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$296,010.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
390 Feet	Feet NAVD 88	A3	10.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall with a concrete overlay provides the foundations for a building. The concrete is spalling along the top in places and is cracked with efflorescence visible.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-010-044-0000-100-PHO1A.JPG

006-010-044-0000-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-044-0000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - Chelsea Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$15,015.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
25 Feet	Feet NAVD 88	A3	10.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block and concrete seawall that sits in front of a bridge abutment. The wall is leaning slightly outshore.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-010-044-0000-200-PHO2A.JPG

006-010-044-0000-200-PHO2B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-135-8000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - Saratoga Street Bridge	7/3/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$70,475.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
190 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Revetment	Stone	5 to 10 Feet

Structure Summary :

A concrete bridge abutment with riprap protection along base with an average stone size 3 feet by 3 feet, the northern edge is protected by a riprap slope with an average stone size of 1 foot by 1 foot, southern edge combines into the seawall. All the placed armor stone is still in good condition along with the concrete abutment.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-010-135-8000-100-PHO1A.JPG
006-010-135-8000-100-PHO1B.JPG
006-010-135-8000-100-PHO1C.JPG
006-010-135-8000-100-PHO1D.JPG
006-010-135-8000-100-PHO1E.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-140-2000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - Belle Island Park	7/3/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1979	$81,602.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
220 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Revetment	Stone	5 to 10 Feet

Structure Summary :

A concrete culvert under the road with concrete wingwalls and secondary riprap slope on the sides. The concrete is in good condition and the placed riprap is still sturdy with an average stone size of 3 feet by 3 feet.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-010-140-2000-100-PHO1A.JPG
006-010-140-2000-100-PHO1B.JPG
006-010-140-2000-100-PHO1C.JPG
006-010-140-2000-100-PHO1D.JPG

Structure Documents:

USACE	December 1	Proposed Flood	006-010-140-2000-100-COE1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-140-2000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - Belle Island Park	7/3/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA-DCR

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $845.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
10 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	Under 5 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A concrete outfall as part of riprap slope # 006-010-140-2000-100 with an 18 inch pipe. Both are in good condition.

Condition Rating	B Good	*Priority Rating*	I None
Level of Action	Minor	*Action*	Long Term Planning Considerations
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	No Inshore Structures or Residential Dwelling Units Present

Structure Images:

006-010-140-2000-200-PHO2A.JPG

006-010-140-2000-200-PHO2B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-366-8000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	East Boston - Border Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	1973	$247,447.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
910 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Revetment	Stone	5 to 10 Feet

Structure Summary :

A granite block wall with a typical block size of 3 feet by 2 feet by 2 feet with riprap behind it with an average stone size of 1 foot diameter. In places there is placed riprap in front of the seawall.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

- 006-010-366-8000-100-PHO1A.JPG
- 006-010-366-8000-100-PHO1B.JPG
- 006-010-366-8000-100-PHO1C.JPG
- 006-010-366-8000-100-PHO1D.JPG
- 006-010-366-8000-100-PHO1E.JPG

Structure Documents:

USACE	August 1973	Plan Accompanying	006-010-366-8000-100-COE1A
DEP	May 1974	Plan Accompanying	006-010-366-8000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-367-9000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	East Boston - Border Street and Condor Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$153,153.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
255 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall with an approximate block size of 4 feet by 2 feet by 2 feet. The wall shows some signs of movement. The wall also supports the roadway directly behind it.

Condition Rating	C Fair	*Priority Rating*	IV High Priority
Level of Action	Moderate	*Action*	Consider for Next Project Construction Listing
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.	*Description*	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-010-367-9000-100-PHO1A.JPG

006-010-367-9000-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-368-0001-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	East Boston - Meridian Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$132,132.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
220 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A riprap slope with various stones sizes ranging from cobbles to boulders. Some parts are in good shape but the middle section has started to deteriorate.

Condition Rating	C Fair	*Priority Rating*	III Moderate Priority
Level of Action	Moderate	*Action*	Consider for Active Project Improvement Listing
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.	*Description*	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-010-368-0001-100-PHO1A.JPG

006-010-368-0001-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-368-0001-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - McArdle Bridge	7/3/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MHD		$22,255.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
60		A3	10.5
Feet	Feet NAVD 88		Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Structure Summary :

A bridge abutment constructed from granite blocks on concrete footing with riprap base. The granite blocks are approximately 8 feet by 2 feet by 2 feet and the riprap stone size is on average 1 foot in diameter. It is in overall good condition as the riprap is densely packed.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-010-368-0001-200-PHO2A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-371-1000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	East Boston - Condor Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$45,045.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
375 Feet	Feet NAVD 88	A3	10.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A riprap slope consisting of granite stones with an average size of 2 feet in diameter and mixed rubble. The riprap should provide adequate protection during a major coastal storm.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-010-371-1000-100-PHO1A.JPG

006-010-371-1000-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-371-1001-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	East Boston - Condor Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$23,562.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
150 Feet	Feet NAVD 88	A3	10.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall with an average stone size of 4 feet by 2 feet by 2 feet The wall has a 4 inch thick granite cap and a railing along the top. The structure is in good condition with no apparent signs of erosion or damage.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-010-371-1001-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-371-1001-200

Key: community-map-block-parcel-structure

Property Owner: Local

Location: East Boston - Condor Street

Date: 7/3/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $30,030.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
250 Feet	Feet NAVD 88	A3	10.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A riprap slope comprised of dumped granite stones with an average stone size of 2 inches in diameter. There does not appear to be much movement of the riprap on the slope and it is generally in good condition.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images: 006-010-371-1001-200-PHO2A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-371-1001-300

Key: community-map-block-parcel-structure

Property Owner: Local

Location: East Boston - Condor Street

Date: 7/3/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston

Earliest Structure Record:

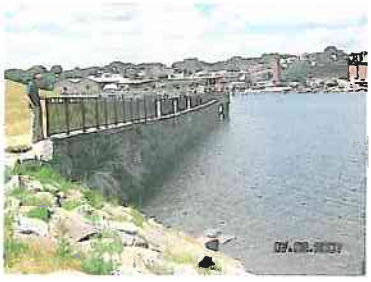
Estimated Reconstruction/Repair Cost: $20,420.00

Length: 170 Feet

Top Elevation: Feet NAVD 88

FIRM Map Zone: A3

FIRM Map Elevation: 10.5 Feet NGVD



Primary Type: Revetment

Primary Material: Stone

Primary Height: 5 to 10 Feet

Secondary Type:

Secondary Material:

Secondary Height:

Structure Summary :

A granite block seawall with an average stone size of 4 feet by 2 feet by 2 feet The wall has a 4 inch thick granite cap and a fence along the top. The structure is in good condition with no apparent signs of erosion or damage.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-010-371-1001-300-PHO3A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-371-1001-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	East Boston - Condor Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	Unkown	$0.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
55 Feet	Feet NAVD 88	A3	10.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Structure Summary :

A concrete abutment supporting a timber pier with a dumped granite stone riprap in front. The average stone size is 2 feet by 2 feet. The structure is in excellent condition with no sign of deterioration.

Condition Rating	A Excellent	*Priority Rating*	II Low Priority
Level of Action	None	*Action*	Future Project Consideration
Description	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-010-371-1001-400-PHO4A.JPG

006-010-371-1001-400-PHO4B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-438-7002-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - Coleridge Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$829,950.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1250 Feet	Feet NAVD 88	A3	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	Under 5 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

Sea rubble consisting of stone, concrete, and building debris, with a coastal marsh in front. There is no real placement of any protection but rather dumping over time of waste building product. It appears it would not provide much protection but the marsh in front provides an additional buffer.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	IV High Priority
Action	Consider for Next Project Construction Listing
Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

- 006-010-438-7002-100-PHO1A.JPG
- 006-010-438-7002-100-PHO1B.JPG
- 006-010-438-7002-100-PHO1C.JPG
- 006-010-438-7002-100-PHO1D.JPG
- 006-010-438-7002-100-PHO1E.JPG
- 006-010-438-7002-100-PHO1F.JPG

Structure Documents:

DEP	September 1	Plans Accompanying	006-010-438-7002-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-438-7002-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	East Boston - Constitution Beach	7/3/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1997	$69,036.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
2615 Feet	Feet NAVD 88	A3	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	Under 5 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

The beach is a sand and gravel mix. The beach gradually slopes down to the water and is an active public recreation area. The beach appears to be clean and regularly maintained with no obvious signs of active erosion.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-010-438-7002-200-PHO2A.JPG

Structure Documents:

MA-DCR	April 1997	South Boston	006-010-438-7002-200-DCR2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-010-540-4000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	East Boston - Sumner Street	7/3/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	1976	$0.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1410 Feet	Feet NAVD 88	V4	13 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Revetment	Stone	Under 5 Feet

Structure Summary :

A seawall that is comprised of sections of granite block and concrete. It has a riprap slope and base with an average stone size of 3 feet in diameter. There is a small partially submerged breakwater extending out from the south west corner of the park which remains from the previous use before it was turned into a park. The whole structure is in excellent condition due to it relatively new construction.

Condition Rating	A Excellent	*Priority Rating*	II Low Priority
Level of Action	None	*Action*	Future Project Consideration
Description	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

- 006-010-540-4000-100-PHO1A.JPG
- 006-010-540-4000-100-PHO1B.JPG
- 006-010-540-4000-100-PHO1C.JPG
- 006-010-540-4000-100-PHO1D.JPG
- 006-010-540-4000-100-PHO1E.JPG
- 006-010-540-4000-100-PHO1F.JPG

Structure Documents:

USACE	January 197	Proposed Sheet Pile,	006-010-540-4000-100-COE1A
DEP	January 197	Plan Accompanying	006-010-540-4000-100-LIC1A
DEP	September 1	Plans Accompanying	006-010-540-4000-100-LIC1B

Prepared By: Bourne Consulting Engineering

Structure Assessment Reports

Charlestown

BCE

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-183-0000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Alford Street	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	Unkown	$141,174.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
930 Feet	Feet NAVD 88	A2	10.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block wall with various size stone blocks, the larger of which are 6 inch by 3 feet stones. There is a 4 inch granite cap on top. There is a railing on top of the wall that forms part of the Harbor walk. There is some evidence of settling. Overall the wall is in good condition.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-020-183-0000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-273-3000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Medford Street	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	Unkown	$1,717,980.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
685 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block wall with the top of the wall leaning seaward over the base. There are a couple of areas where stone blocks have fallen out. The wall consists of blocks with an average block size of 2 feet by 3 feet. The wall abutts playgrounds and athletic fields.

Condition Rating	D Poor	*Priority Rating*	II Low Priority
Level of Action	Major	*Action*	Future Project Consideration
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-020-273-3000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-273-5000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Medford Street	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	1954	$168,076.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1070 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

The armored slope is complied of placed granite stone blocks with an average size of 4 feet by 2 feet. There is a concrete cap on top of the revetment which supports a railing and path. There is also a boat ramp that is part of the structure and is constructed from concrete. The stones appear to be in good shape with only slight signs of weathering.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-020-273-5000-100-PHO1A.JPG

Structure Documents:

USACE	February 19	Proposed Fill in Little	006-020-273-5000-100-COE1A
USACE	April 1968	Proposed Seawall,	006-020-273-5000-100-COE1B
USACE	February 19	Proposed Access	006-020-273-5000-100-COE1C
DEP	May 22, 196	Plan Accompanying	006-020-273-5000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-273-5000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Medford Street	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	Unkown	$234,498.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
935 Feet	10 Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block wall with an average stone size of 2 feet by 3 feet. The blocks appear to be in good shape with only slight signs of weathering.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-020-273-5000-200-PHO2A.JPG

Structure Documents:

DEP	May 22, 196	Plan Accompanying	006-020-273-5000-200-LIC2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-273-5000-300

Key: community-map-block-parcel-structure

Property Owner: Local

Location: Charlestown - Medford Street

Date: 7/6/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $326,040.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
260 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
		5 to 10 Feet

Structure Summary :

A steel sheet pile wall that looks like a repair to the original granite block wall. The sheet pile is starting to deteriorate. The granite block layer and concrete cap are still exposed and are showing signs of deterioration.

Condition Rating	C
	Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	IV
	High Priority
Action	Consider for Next Project Construction Listing
Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-020-273-5000-300-PHO3A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-273-8000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Terminal Street	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority	Unkown	$2,100,450.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1675 Feet	9 Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block wall with an average stone size of 1 foot by 3 feet. The area behind the wall is overgrown limiting access to the face of the structure, but it appears to be in fair condition.

Condition Rating	C
	Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III
	Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-020-273-8000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-350-5000-100

Key: community-map-block-parcel-structure

Property Owner: Local

Location: Charlestown - Eighth Street

Date: 7/6/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $1,899,810.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1515 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

An old dry dock constructed out of granite stone blocks with an average size of 1 foot by 4 feet. There are several small areas of deterioration to the concrete sections.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-020-350-5000-100-PHO1A.JPG

006-020-350-5000-100-PHO1B.JPG

006-020-350-5000-100-PHO1C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-350-5000-200

Key: community-map-block-parcel-structure

Property Owner: Local

Location: Charlestown - Eighth Street

Date: 7/6/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $589,380.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
235 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel sheet pile wall with signs of significant deterioration. The sheet piles are corroding at the water line and the concrete cap is cracking and spalling. The pier has been shut down.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-020-350-5000-200-PHO2A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-350-5600-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Eighth Street	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$827,640.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
660 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel bulkhead tied back with a double channel wale and tie rods partially hidden by a pile supported boardwalk in front of the structure in places. Signs of corrosion evident in the tidal zone.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	IV High Priority
Action	Consider for Next Project Construction Listing
Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-020-350-5600-100-PHO1A.JPG

006-020-350-5600-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-351-0050-100

Key: community-map-block-parcel-structure

Property Owner: Local

Location: Charlestown - Fifth Avenue

Date: 7/6/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $67,716.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
270 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel bulkhead constructed with Z sheets and a steel wale held in place with tie rods. There is a concrete cap that runs along the whole structure. Both the bulkhead and cap appear to be in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	IV High Priority
Action	Consider for Next Project Construction Listing
Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-020-351-0050-100-PHO1A.JPG

006-020-351-0050-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-351-0050-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Fifth Avenue	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$63,360.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
200 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Revetment	Stone	Under 5 Feet

Structure Summary :

A concrete seawall with a poured concrete base with two courses of approximately 1 foot by 1 foot concrete blocks on top and then a 4 inch concrete cap. The seawall provides a foundation for the building on top. There is small rubble at the base that is exposed at low tide. The whole structure is in good condition only showing signs of general weathering.

Condition Rating	B Good	*Priority Rating*	IV High Priority
Level of Action	Minor	*Action*	Consider for Next Project Construction Listing
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-020-351-0050-200-PHO2A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-351-0050-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Charlestown - Fifth Avenue	7/6/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$94,050.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
75 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall with dry set 4 feet by 2 feet blocks. The blocks are misaligned in some places. The wall runs in front of a bridge abutment and loss of this wall could potentially affect the bridge.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	IV High Priority
Action	Consider for Next Project Construction Listing
Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-020-351-0050-300-PHO3A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-358-6000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Charlestown - Warren Avenue	7/6/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1990	$0.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
180 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Revetment	Stone	5 to 10 Feet

Structure Summary :

A concrete seawall with a placed riprap revetment in front with an average stone size of 3 feet by 4 feet. There is a timber boardwalk that extends out from the seawall and over hangs the riprap. The structure is in like new condition.

Condition Rating	A Excellent
Level of Action	None
Description	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-020-358-6000-100-PHO1A.JPG

006-020-358-6000-100-PHO1B.JPG

Structure Documents:

DEP	August 1990	The J.J. Ryan	006-020-358-6000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-358-6000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Charlestown - Warren Ave	7/6/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$174,240.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
440 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	Over 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

The Charles River Dam, a large dam with multiple lock structures for passage of small craft. It protects the Charles River Basin and multiple structures upstream.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	V Immediate / Highest Priority
Action	Consider For Immediate Action Due to Public Safety and Welfare Issues
Description	Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings Condition of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life. (>10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-020-358-6000-200-PHO2A.JPG

006-020-358-6000-200-PHO2B.JPG

006-020-358-6000-200-PHO2C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-358-6000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Charlestown - Warren Avenue	7/6/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1951	$39,640.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
330 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A placed riprap revetment with an average stone size of 2 feet by 2 feet. The riprap is smooth with the surface and the voids filled in with large gravel. At the base of the slope the riprap and gravel transition into just gravel. All of the structure is in good condition with only minor weathering.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

- 006-020-358-6000-300-PHO3A.JPG
- 006-020-358-6000-300-PHO3B.JPG
- 006-020-358-6000-300-PHO3C.JPG

Structure Documents:

USACE	March 1951	Plan Accompanying	006-020-358-6000-300-COE3A
DEP	July 18, 195	City Of Boston Public	006-020-358-6000-300-LIC3A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-020-358-6000-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Charlestown - Warren Avenue	7/6/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$2,957.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
35 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	Under 5 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A poured concrete headwall with wing walls. There is a 12 inch RCP pipe and a 24 inch RCP pipe. Both the headwall and pipes appear to be in good condition. However there is no solid connection between the headwall and the smaller pipe.

Condition Rating	B Good	*Priority Rating*	I None
Level of Action	Minor	*Action*	Long Term Planning Considerations
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	No Inshore Structures or Residential Dwelling Units Present

Structure Images:

006-020-358-6000-400-PHO4A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

Structure Assessment Reports

Boston

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-030-295-2010-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Boston - Congress Street Bridge	7/11/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$45,144.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
180 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall along the edge of the channel. All of Fort Point channel is lined with granite block seawall and this is a continuation of that wall below the Congress Street Bridge.

Condition	B	*Priority*	II
Rating	Good	*Rating*	Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-030-295-2010-100-PHO1A.JPG

006-030-295-2010-100-PHO1B.JPG

Structure Documents:

DEP	April 22, 199	Plans Accompanying	006-030-295-2010-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-030-298-2010-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Boston - East India Row	7/11/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$0.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
140 Feet	Feet NAVD 88	A2	11 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A dry set granite block seawall with an average block size of 2 feet by 4 feet in excellent condition and only showing signs of typical marine growth in the tidal zone.

Condition Rating	A Excellent	*Priority Rating*	II Low Priority
Level of Action	None	*Action*	Future Project Consideration
Description	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-030-298-2010-100-PHO1A.JPG

Structure Documents:

DEP	September 6	Plan Accompanying	006-030-298-2010-100-LIC1A
DEP	September 6	India Wharf. Plan	006-030-298-2010-100-LIC1B
DEP	November 6,	Plan Accompanying	006-030-298-2010-100-LIC1C
DEP	December 3	Plan Accompanying	006-030-298-2010-100-LIC1D

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-030-300-4000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Boston - Long Wharf	7/11/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority	1970	$308,306.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
2031 Feet	Feet NAVD 88	V4	14 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall constructed out of 8 feet by 3 feet by 2 feet blocks. At a section next to Boston Waterfront Marina (near parking lot) the blocks are starting to fall seaward.

Condition	B
Rating	Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority	III
Rating	Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-030-300-4000-100-PHO1A.JPG
006-030-300-4000-100-PHO1B.JPG
006-030-300-4000-100-PHO1C.JPG
006-030-300-4000-100-PHO1D.JPG
006-030-300-4000-100-PHO1E.JPG
006-030-300-4000-100-PHO1F.JPG

Structure Documents:

USACE	April 1979	Plan Accompanying	006-030-300-4000-100-COE1A
DEP	October 197	Plans Accompanying	006-030-300-4000-100-LIC1A
DEP	October 197	Plan Accompanying	006-030-300-4000-100-LIC1B
DEP	October 27,	Plan Accompanying	006-030-300-4000-100-LIC1C
DEP	june 6, 1983	Pln Accompanying	006-030-300-4000-100-LIC1D
DEP	December 4,	Plan Accompanying	006-030-300-4000-100-LIC1E

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-030-302-4000-100

Key: community-map-block-parcel-structure

Property Owner: Local

Location: Boston - Long Wharf Park

Date: 7/11/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $114,114.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
455 Feet	Feet NAVD 88	A2	11 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite stone seawall with an average stone size of 2 feet by 4 feet with a granite cap. The cap has chained bollards along the top. The structure appears to have no major problems.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-030-302-4000-100-PHO1A.JPG

006-030-302-4000-100-PHO1B.JPG

Structure Documents:

DEP	May 17, 197	Plan Accompanying	006-030-302-4000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-030-302-6000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Unknown	Boston - Long Wharf	7/11/2007

Presumed Structure Owner:	Based On Comment:
Unknown	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$513,315.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
255 Feet	Feet NAVD 88	A2	11 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Structure Summary :

A poured concrete wall appears to have been constructed above and set back slightly from an existing granite seawall. Some parts of the concrete are in poor condition but there is current work being undertaken as part of the harborwalk.

Condition Rating	C
	Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III
	Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-030-302-6000-100-PHO1A.JPG

006-030-302-6000-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-030-303-7000-100

Key: community-map-block-parcel-structure

Property Owner: Local

Location: Boston - Eastern Avenue

Date: 7/11/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record: 1970

Estimated Reconstruction/Repair Cost: $231,990.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
925 Feet	Feet NAVD 88	V4	13 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall. The top has been recently reconstructed with the harborwalk. The average block size is 3 feet by 4 feet. There is a short revetment in the middle of the wall constructed of similar materials. The whole structure appears to be in good condition with only minor weathering.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-030-303-7000-100-PHO1A.JPG
006-030-303-7000-100-PHO1B.JPG
006-030-303-7000-100-PHO1C.JPG
006-030-303-7000-100-PHO1D.JPG
006-030-303-7000-100-PHO1E.JPG

Structure Documents:

DEP	November 1	Plan Accompanying	006-030-303-7000-100-LIC1A

Prepared By: Bourne Consulting Engineering

Structure Assessment Reports

South Boston

BCE

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-263-8010-100

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Sleeper Street

Date: 7/11/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $2,277.00

Length: 15 Feet

Top Elevation: Feet NAVD 88

FIRM Map Zone: A2

FIRM Map Elevation: 10 Feet NGVD

Primary Type: Bulkhead/ Seawall

Primary Material: Stone

Primary Height: 5 to 10 Feet

Secondary Type:

Secondary Material:

Secondary Height:

Structure Summary :

A granite block seawall. It is underneath a harbor walk cannot be viewed so the condition was assumed based on the surrounding area.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-263-8010-100-PHO1A.JPG

006-060-263-8010-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-3001-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - Seaport Boulevard	7/11/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$73,986.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
295 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite stone seawall with blocks approximately 5 feet by 3 feet x 2 feet. There is a concrete cap that supports a fence and a small viewing platform in the middle. Generally the structure is in good condition with some light erosion on the top course of stones.

Condition Rating	B Good	*Priority Rating*	III Moderate Priority
Level of Action	Minor	*Action*	Consider for Active Project Improvement Listing
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-3001-100-PHO1A.JPG

006-060-267-3001-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-100

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Seaport Boulevard

Date: 7/12/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $28,842.00

Length: 115 Feet

Top Elevation: Feet NAVD 88

FIRM Map Zone: A2

FIRM Map Elevation: 10 Feet NGVD

Primary Type: Bulkhead/ Seawall

Primary Material: Stone

Primary Height: 10 to 15 Feet

Secondary Type:

Secondary Material:

Secondary Height:

Structure Summary :

A granite stone seawall with blocks approximately 5 feet by 3 feet by 2 feet. There is also a concrete cap that supports a railing. Generally the structure is in good condition with some light erosion on the top course of stones.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-110

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - Summer Street	7/12/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$257,400.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
150 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	Over 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel sheetpile wall that runs behind a pile supported wharf. The sheet pile is in a fair condition with active corrosion.

Condition Rating	C Fair
Level of Action Description	Moderate Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	II Low Priority
Action Description	Future Project Consideration Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-267-4000-110-PHO11A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-120

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - Summer Street	7/12/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$162,835.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
80 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Revetment	Stone	10 to 15 Feet

Structure Summary :

A concrete bulkhead with riprap in front, mixed size stones. The stone sizes vary from 2 feet by 2 feet by 4 feet blocks to cobbles. The placed blocks appear to be in good condition but other areas where stone has been loosely dumped are at higher risk to erosion.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-267-4000-120-PHO12A.JPG

006-060-267-4000-120-PHO12B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-200

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Summer Street

Date: 7/12/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $1,053,360.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
420 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

The steel is corroding and starting to bow outward. There is a steel sheetpile wall with a small concrete cap. The bowing out of the structure indicates that it is in need of repair and in poor condition.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4000-200-PHO2A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - Summer Street	7/12/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$30,631.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
195 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A placed riprap slope with an average stone size of 2 feet x 3 feet. There is a concrete cap/wall at the top that supports the pavement. The slope is in good condition with little movement of the armor stones.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-267-4000-300-PHO3A.JPG

006-060-267-4000-300-PHO3B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - Summer Street	7/12/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$2,545,620.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1015 Feet	Feet NAVD 88	V4	14 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel sheetpile wall with a concrete cap and timber piles in front. The bulkhead is deteriorating and corrosion has caused holes to form in the structure.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4000-400-PHO4A.JPG

006-060-267-4000-400-PHO4B.JPG

006-060-267-4000-400-PHO4C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-500

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Summer Street

Date: 7/12/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $3,950,100.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1575 Feet	Feet NAVD 88	V4	12 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A derelict concrete drydock. The walls are in poor condition with many areas of cracking, spalling, and section loss. Associated hardware such as railings and walkways are also corroding. The lock at the entrance is closed and the dock is currently dry.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4000-500-PHO5A.JPG

006-060-267-4000-500-PHO5B.JPG

006-060-267-4000-500-PHO5C.JPG

006-060-267-4000-500-PHO5D.JPG

006-060-267-4000-500-PHO5E.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-600

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - Summer Street	7/12/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston Redevelopment Authority		$2,583,240.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1030 Feet	Feet NAVD 88	V4	14 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel sheet pile cell construction with timber sheeting in front of the the cells to form concrete that was placed as a repair for the coroding steel. There are multiple sinkholes located within the cells indicating some kind of cell failure which could not be seen from this survey.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4000-600-PHO6A.JPG

006-060-267-4000-600-PHO6B.JPG

006-060-267-4000-600-PHO6C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-700

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Summer Street

Date: 7/12/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $551,760.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
220 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel sheetpile wall with a concrete cap, the sheet piles are corroded and fill is actively eroding from behind the wall.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	IV High Priority
Action	Consider for Next Project Construction Listing
Description	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4000-700-PHO7A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-800

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Summer Street

Date: 7/12/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $359,713.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
2290 Feet	Feet NAVD 88	V4	14 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A riprap slope with a varying stone size from 4 inches to 2 feet by 2 feet. There is larger stone on the outer face that has an average stone size of 4 feet by 2 feet. The whole structure is generally in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-267-4000-800-PHO8A.JPG

006-060-267-4000-800-PHO8B.JPG

006-060-267-4000-800-PHO8C.JPG

006-060-267-4000-800-PHO8D.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4000-900

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Summer Street

Date: 7/12/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $7,207,200.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
2100 Feet	Feet NAVD 88	V4	14 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Steel	Over 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A steel bulkhead that is in poor condition with a concrete cap and concrete and timber piles in front that have mostly failed but support a pier extending off the wall. There is a small section that has riprap dumped in front of the sheeting as a repair.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4000-900-PHO9A.JPG

006-060-267-4000-900-PHO9B.JPG

006-060-267-4000-900-PHO9C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4008-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Summer Street	7/12/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Mass Highway Department		$174,220.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
315 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Bulkhead/ Seawall	Stone	Over 15 Feet

Structure Summary :

A placed granite stone revetment with an average stone size of 2 feet in diameter. On top of the revetment is a granite block wall with an average block size of 2 feet by 2 frrt by 4 feet. The structure is in a good condition with only a few signs of weathering.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-267-4008-100-PHO1A.JPG

006-060-267-4008-100-PHO1B.JPG

006-060-267-4008-100-PHO1C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-267-4010-100

Key: community-map-block-parcel-structure

Property Owner: Local

Location: South Boston - Summer Street

Date: 7/12/2007

Presumed Structure Owner: Local

Based On Comment:

Owner Name: Boston Redevelopment Authority

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $708,510.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
565 Feet	Feet NAVD 88	A4	12 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A concrete wall in front of an old steel sheetpile wall. The concrete still has timber forms on it. From what was evident of the structure it appears that it is in fair condition.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-060-267-4010-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-281-7020-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - East First Street	7/12/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$531,828.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
340 Feet	Feet NAVD 88	A2	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A coastal bank. The slope is covered with debris, small cobbles 6 inch-8 inch diameter and is vegetated 2 feet above high tide line. This would generally provide little protection during a major storm.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-281-7020-100-PHO1A.JPG

006-060-281-7020-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-5000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/18/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1950	$306,306.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1950 Feet	Feet NAVD 88	V2	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A causeway out to Egg Island with placed riprap on both sides supporting a 12 feet wide fenced path . The average stone size is 2 feet by 2 feet on the outshore side and 6 inch diameter on the inshore side. The whole structure is in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-5000-100-PHO1A.JPG

006-060-341-5000-100-PHO1B.JPG

Structure Documents:

USACE	September 1	Proposed Causeway	006-060-341-5000-100-COE1A
MA-DCR	March 1988	Maritime Work -	006-060-341-5000-100-DCR1A
MA-DCR	May 1988	South Boston	006-060-341-5000-100-DCR1B
DEP	October 16,	Plan Accompanying	006-060-341-5000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-5000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1988	$140,532.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1109 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A coarse sand and fine gravel beach that protects the causeway. It appears to be in good condition and routinely maintained.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-5000-200-PHO2A.JPG

Structure Documents:

MA-DCR	March 1988	Martime Work -	006-060-341-5000-200-DCR2A
MA-DCR	April 1997	South Boston	006-060-341-5000-200-DCR2B
MA-DCR	May 1998	South Boston	006-060-341-5000-200-DCR2C
MA-DCR	March 27, 19	South Boston	006-060-341-5000-200-DCR2D
DEP	June 1997	Plans Accompanying	006-060-341-5000-200-LIC2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-5000-300

Key: community-map-block-parcel-structure

Property Owner: State

Location: South Boston - Fort Independence Park

Date: 7/18/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA-DCR

Earliest Structure Record: 1988

Estimated Reconstruction/Repair Cost: $198,475.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1790 Feet	Feet NAVD 88	V4	12 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	Under 5 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Coastal Beach	Sand	Under 5 Feet

Structure Summary :

A coastal beach with medium to fine grained sand with a concrete seawall at the head of the beach. The wall has large openings for pedestrian access to beach. The beach is in good condition and appears to be maintained regularly.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-5000-300-PHO3A.JPG

Structure Documents:

MA-DCR	March 1988	Maritime Work -	006-060-341-5000-300-DCR3A
DEP	July 1998	Plans Accompanying	006-060-341-5000-300-LIC3A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-5000-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Pleasure Bay Beach	7/18/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1988	$57,684.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
2185 Feet	Feet NAVD 88	V4	12 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	Under 5 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A coastal beach with medium to fine grained sand with a boardwalk at the head of the beach. The beach is in good condition and appears to be maintained regularly.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-5000-400-PHO4A.JPG

006-060-341-5000-400-PHO4B.JPG

Structure Documents:

MA-DCR	March 1988	Maritime Work -	006-060-341-5000-400-DCR4A
MA-DCR	May 1998	South Boston	006-060-341-5000-400-DCR4B
DEP	July 1998	Plans Accompanying	006-060-341-5000-400-LIC4A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-8000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/18/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1982	$75,398.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
480 Feet	Feet NAVD 88	A4	11 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A revetment constructed from granite block armor stone with an average size of 4 feet by 3 feet by 2 feet. There is a fence and sidewalk at the top of the slope. The slope appeared stable and in good condition.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-8000-100-PHO1A.JPG
006-060-341-8000-100-PHO1B.JPG

Structure Documents:

MA-DCR	January 198	Maritime Work -	006-060-341-8000-100-DCR1A
MA-DCR	March 1988	Maritime Work -	006-060-341-8000-100-DCR1B

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-8000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/18/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1982	$189,354.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
755 Feet	Feet NAVD 88	A4	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block wall that is constructed out of 4 feet by 3 feet by 2 feet blocks. There is a fence attached to the top course. The wall is in good condition with typical signs of weathering.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-8000-200-PHO2A.JPG

006-060-341-8000-200-PHO2B.JPG

006-060-341-8000-200-PHO2C.JPG

Structure Documents:

MA-DCR	January 198	Maritime Work -	006-060-341-8000-200-DCR2A
MA-DCR	March 1988	Maritime Work -	006-060-341-8000-200-DCR2B

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-8001-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/12/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1982	$396,264.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1580 Feet	Feet NAVD 88	V2	21 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall, with an average block size of 2 feet by 4 feet. The top course supports a timber guard rail. The wall appears to be in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-8001-100-PHO1A.JPG
006-060-341-8001-100-PHO1B.JPG
006-060-341-8001-100-PHO1C.JPG

Structure Documents:

USACE	August 1982	Proposed	006-060-341-8001-100-COE1A
USACE	June 1987	Proposed	006-060-341-8001-100-COE1B
MA-DCR	January 198	Maritime Work -	006-060-341-8001-100-DCR1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-9000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/12/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1957	$165,719.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1055 Feet	Feet NAVD 88	V2	19 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A causeway out to Egg Island with placed riprap on both sides. The average stone size is 2 feet by 2 feet on the outshore side and 6 inch diameter on the inshore side. The first part of the structure backs into the park and the top section is grouted together. The whole structure is in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

- 006-060-341-9000-100-PHO1A.JPG
- 006-060-341-9000-100-PHO1B.JPG
- 006-060-341-9000-100-PHO1C.JPG

Structure Documents:

USACE	December 1	Proposed Dam and	006-060-341-9000-100-COE1A
USACE	August 1982	Proposed	006-060-341-9000-100-COE1B
MA-DCR	January 198	Maritime Work -	006-060-341-9000-100-DCR1A
MA-DCR	March 1988	Maritime Work -	006-060-341-9000-100-DCR1B
MA-DCR	July 6, 1990	Slope Protection	006-060-341-9000-100-DCR1C
DEP	February 19	Proposed Dam and	006-060-341-9000-100-LIC1A
DEP	June 1988	Plan Accompanying	006-060-341-9000-100-LIC1B
DEP	November 1	Plan Accompanying	006-060-341-9000-100-LIC1C

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-9000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - City Point Beach	7/18/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1957	$138,230.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
880 Feet	Feet NAVD 88	V2	19 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A causeway out to Egg Island with placed riprap on both sides supporting a 12 feet wide fenced path . The average stone size is 2 feet by 2 feet on the outshore side and 6 inch diameter on the inshore side. The whole structure is in good condition.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

- 006-060-341-9000-200-PHO2A.JPG
- 006-060-341-9000-200-PHO2B.JPG
- 006-060-341-9000-200-PHO2C.JPG

Structure Documents:

USACE	December 1	Proposed Dam and	006-060-341-9000-200-COE2A
USACE	August 1982	Proposed	006-060-341-9000-200-COE2B
MA-DCR	July 1990	Slope Protection	006-060-341-9000-200-DCR2A
DEP	February 19	Proposed Dam and	006-060-341-9000-200-LIC2A
DEP	November 1	Plan Accompanying	006-060-341-9000-200-LIC2B

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-9000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/19/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1957	$36,128.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
230 Feet	Feet NAVD 88	V2	19 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A causeway out to Egg Island with placed riprap on both sides supporting a 12 foot wide fenced path . The average stone size is 2 feet by 2 feet on the outshore side and 6 inch diameter on the inshore side. The whole structure is in good condition.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-9000-300-PHO3A.JPG

006-060-341-9000-300-PHO3B.JPG

Structure Documents:

USACE	December 1	Proposed Dam and	006-060-341-9000-300-COE3A
USACE	August 1982	Proposed	006-060-341-9000-300-COE3B
DEP	February 19	Proposed Dam and	006-060-341-9000-300-LIC3A
DEP	November 2	Plan Accompanying	006-060-341-9000-300-LIC3B

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-9000-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park - Egg Island	7/18/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1950	$147,972.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
590 Feet	Feet NAVD 88	V2	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A small man-made island constructed from granite block with an average block size of 2 feet by 4 feet. The structure is generally in good condition.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-9000-400-PHO4A.JPG

006-060-341-9000-400-PHO4B.JPG

Structure Documents:

USACE	September 1	Proposed Causeway	006-060-341-9000-400-COE4A
MA-DCR	March 15, 19	Maritime Work -	006-060-341-9000-400-DCR4A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-060-341-9000-500

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Fort Independence Park	7/18/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1982	$120,384.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
950 Feet	Feet NAVD 88	A4	10 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A shallow sloping, coarse sand with gravel beach. There is a small area on the beach where granite curbs have been dumped. It appears in good condition and routinely maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-060-341-9000-500-PHO5A.JPG

006-060-341-9000-500-PHO5B.JPG

Structure Documents:

MA-DCR	January 198	Maritime Work -	006-060-341-9000-500-DCR5A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-054-1001-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Bayside Expo Center	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$28,274.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
180 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite stone armored slope with an average stone size of 2 feet x 4 feet. The stone appears to have been placed and there is little evidence of significant movement.

Condition Rating	B Good	*Priority Rating*	I None
Level of Action	Minor	*Action*	Long Term Planning Considerations
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	No Inshore Structures or Residential Dwelling Units Present

Structure Images:

006-070-054-1001-100-PHO1A.JPG

Structure Documents:

DEP	June 4, 1975	Plan Accompanying	006-070-054-1001-100-LIC1A
DEP	June 13, 199	Plans Accompanying	006-070-054-1001-100-LIC1B

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-142-1000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Carson Beach	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1998	$1,006,091.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
2665 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Coastal Beach	Sand	5 to 10 Feet

Structure Summary :

A coastal beach with a fine grained sand and a concrete wall at top of the beach. It appears to be in good condition and routinely maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

- 006-070-142-1000-100-PHO1A.JPG
- 006-070-142-1000-100-PHO1B.JPG

Structure Documents:

MA-DCR	May 1998	South Boston	006-070-142-1000-100-DCR1A
MA-DCR	March 27, 19	South Boston	006-070-142-1000-100-DCR1B
DEP	July 21, 199	Plans Accompanying	006-070-142-1000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-142-1000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Moakley Fields	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1998	$148,512.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
850 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Dune	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Coastal Beach	Sand	5 to 10 Feet

Structure Summary :

A coastal beach with fine grained sand and a coastal dune at the head of the beach in front of road. It appears in good condition and routinely maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-070-142-1000-200-PHO2A.JPG

Structure Documents:

MA-DCR	May 1998	South Boston	006-070-142-1000-200-DCR2A
MA-DCR	March 27, 19	South Boston	006-070-142-1000-200-DCR2B
DEP	July 21, 199	Plans Accompanying	006-070-142-1000-200-LIC2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-142-1000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Moakley Fields	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1998	$84,480.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
400 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Bulkhead/ Seawall	Concrete	Under 5 Feet

Structure Summary :

A beach house with a granite block/concrete foundation and walkway at the top of the beach. The beach is comprised of fine grained sand and appears the be routinely maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-070-142-1000-300-PHO3A.JPG
006-070-142-1000-300-PHO3B.JPG

Structure Documents:

MA-DCR	May 1998	South Boston	006-070-142-1000-300-DCR3A
MA-DCR	March 27, 19	South Boston	006-070-142-1000-300-DCR3B

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-142-1000-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - Moakley Fields	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1997	$141,926.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1120 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A fine grained sand, coastal beach . It appears in good condition and routinely maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-070-142-1000-400-PHO4A.JPG

Structure Documents:

MA-DCR	April 1997	South Boston	006-070-142-1000-400-DCR4A
MA-DCR	May 1998	South Boston	006-070-142-1000-400-DCR4B
MA-DCR	May 1998	South Boston	006-070-142-1000-400-DCR4C
MA-DCR	March 27, 19	South Boston	006-070-142-1000-400-DCR4D
DEP	June 13, 199	Plans Accompanying	006-070-142-1000-400-LIC4A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-244-2000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	South Boston - M Street Beach	7/20/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston	1965	$265,056.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1255 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Bulkhead/ Seawall	Concrete	Under 5 Feet

Structure Summary :

A bath house with a fine sand beach. There are timber privacy fences separating the bath house into sections, however they are acting similar to groins on the beach. The beach and fences appear to be in good condition and routinely maintained.

Condition Rating	B
	Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II
	Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-070-244-2000-100-PHO1A.JPG

006-070-244-2000-100-PHO1B.JPG

Structure Documents:

MA-DCR	March 1965	William J. Day	006-070-244-2000-100-DCR1A
MA-DCR	May 1998	South Boston	006-070-244-2000-100-DCR1B
MA-DCR	March 27, 19	South Boston	006-070-244-2000-100-DCR1C
MA-DCR	May 1998	South Boston	006-070-244-2000-100-DCR1D
MA-DCR	N/A	Emergency Action	006-070-244-2000-100-DCR1E
MA-DCR	N/A	M Street Seawall	006-070-244-2000-100-DCR1F
DEP	July 21, 199	Plans Accompanying	006-070-244-2000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-267-2000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - William J Day Boulevard	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1982	$345,365.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1240 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Coastal Beach	Sand	5 to 10 Feet

Structure Summary :

There is a concrete wall/curb at the top of a sand beach. The sand beach consists of fine sand at the top, and coarse sand below the high tide line. It appears to be in good condition and routinely maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-070-267-2000-100-PHO1A.JPG

Structure Documents:

USACE	August 1982	Proposed	006-070-267-2000-100-COE1A
USACE	June 2005	M Street Seawall	006-070-267-2000-100-COE1B
DEP	July 21, 199	Plans Accompanying	006-070-267-2000-100-LIC1A
DEP	November 1,	Plan Accompanying	006-070-267-2000-100-LIC1B

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-070-271-0000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	South Boston - William J Day Boulevard	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1982	$452,694.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1805 Feet	Feet NAVD 88	V4	15 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block wall with an average stone size of 2 feet by 4 feet with a fence along the top. The wall appears to be in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-070-271-0000-100-PHO1A.JPG

Structure Documents:

USACE	August 1982	Proposed	006-070-271-0000-100-COE1A
DEP	July 21, 199	plans Accompanying	006-070-271-0000-100-LIC1A
DEP	June 13, 199	Plans Accompanying	006-070-271-0000-100-LIC1B
DEP	December 1	Plan Accompanying	006-070-271-0000-100-LIC1C

Prepared By: Bourne Consulting Engineering

Structure Assessment Reports

Dorchester

BCE

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-000-2000-100

Key: community-map-block-parcel-structure

Property Owner: State

Location: Dorchester - Interstate 93 Northbound

Date: 7/26/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: Mass Highway

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $328,297.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
2090 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A placed armor slope revetment with an average stone size of 3 feet by 3 feet by 3 feet. The top of the protected bank is the edge of Interstate 93 Northbound.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	V Immediate / Highest Priority
Action	Consider For Immediate Action Due to Public Safety and Welfare Issues
Description	Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings Condition of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life. (>10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-160-000-2000-100-PHO1A.JPG

006-160-000-2000-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-022-6000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Victory Road	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$56,925.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
75 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A seawall constructed out of granite blocks along the edge of the DCR Victory Park parking lot. The blocks have an average size of 1 foot by 4 feet. There is a concrete cap and timber posts every 6 feet along the face of the wall. The wall appears to be in good condition but the timber has started to deteriorate.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-022-6000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-022-6000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Victory Park	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1987	$114,114.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
190 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A small cobble stone revetment with 2 rows of granite blocks at the top of the slope. The structure appears to be in good condition.

Condition Rating	C Fair	*Priority Rating*	II Low Priority
Level of Action	Moderate	*Action*	Future Project Consideration
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-022-6000-200-PHO2A.JPG

Structure Documents:

DEP	March 1987	Plans Accompanying	006-160-022-6000-200-LIC2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-022-6000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Victory Park	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$762,762.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1270		A3	11.5
Feet	Feet NAVD 88		Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A coastal bank around Victory Island that is protected with sea rubble and a row of granite blocks. It would not offer significant protection from a major storm.

Condition Rating	C
	Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	II
	Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-022-6000-300-PHO3A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-022-7000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
Local	Dorchester - Victory Road	7/26/2007

Presumed Structure Owner:	Based On Comment:
Local	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
Boston		$183,361.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
145 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Wood	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

The whole bulkhead is deteriorated and the structure's condition is such that the bulkhead can not be repaired and it will require replacement. The bulkhead is comprised of vertical timber planks held back by a horizontal wale which is supported by timber piles.

Condition Rating	D Poor
Level of Action	Major
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-160-022-7000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-256-6000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Tenean Street	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$148,896.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1175 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A beach consisting of sand and gravel. There are granite blocks at top of the beach separating the beach from the walkway. The beach appears to be routinely maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-256-6000-100-PHO1A.JPG

Structure Documents:

DEP	November 6,	Plan Accompanying	006-160-256-6000-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-256-9000-100

Key: community-map-block-parcel-structure

Property Owner: State

Location: Dorchester - Interstate 93 Northbound

Date: 7/26/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MHD

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $292,954.00

Length: 1865 Feet

Top Elevation: Feet NAVD 88

FIRM Map Zone: A3

FIRM Map Elevation: 11.5 Feet NGVD

Primary Type: Revetment

Primary Material: Stone

Primary Height: 10 to 15 Feet

Secondary Type:

Secondary Material:

Secondary Height:

Structure Summary :

The revetment is constructed from placed armor stones with an average stone size of 5 feet by 3 feet by 2 feet. The revetment supports Interstate 93 Northbound and appears to be in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	V Immediate / Highest Priority
Action	Consider For Immediate Action Due to Public Safety and Welfare Issues
Description	Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings Condition of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life. (>10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-160-256-9000-100-PHO1A.JPG

006-160-256-9000-100-PHO1B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-259-5000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Taylor Street	7/31/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$269,610.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
215 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall with a average stone size of 2 feet by 2 feet. The area behind the wall is heavily overgrown.

Condition Rating	C Fair
Level of Action Description	Moderate Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	II Low Priority
Action Description	Future Project Consideration Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-259-5000-100-PHO1A.JPG

006-160-259-5000-100-PHO1B.JPG

006-160-259-5000-100-PHO1C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-259-5000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Taylor Street	7/31/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$495,330.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
395 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall with a average stone size of 2 feet by 2 feet. It appears to be in good condition with the usual signs of aging with some mis-aligned blocks.

Condition Rating	C Fair	*Priority Rating*	II Low Priority
Level of Action	Moderate	*Action*	Future Project Consideration
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-259-5000-200-PHO2A.JPG

006-160-259-5000-200-PHO2B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-259-6000-100

Key: community-map-block-parcel-structure

Property Owner: State

Location: Dorchester - Taylor Street

Date: 7/31/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA-DCR

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $814,216.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
435 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Wood	10 to 15 Feet
Secondary Type:	**Secondary Material:**	**Secondary Height:**

Structure Summary :

A timber bulkhead that overtops at high tide, the tops of the piles have rotted out, the timber is warped, and the concrete pad behind the bulkhead is broken up and is submerged at high tide. The south section of bulkhead is also submerged at high tide.

Condition Rating	F Critical
Level of Action	Immediate
Description	Conditions of structure/landform may warrant emergency stabilization as failure may result in potential loss of property and/or life. Landform eroded, loss of integrity. Structure exhibits critical levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure provides little or no protection from a major coastal storm. Actions taken to totally reconstruct structure to regain full capacity. Landform stability is severely compromised, rate of erosion/material loss may be increasing, and landform does not provide adequate protection from a major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-160-259-6000-100-PHO1A.JPG

006-160-259-6000-100-PHO1B.JPG

006-160-259-6000-100-PHO1C.JPG

006-160-259-6000-100-PHO1D.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-277-5000-100

Key: community-map-block-parcel-structure

Property Owner: State

Location: Dorchester - Neponset Avenue

Date: 7/31/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA-DCR

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $90,288.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
360 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	10 to 15 Feet
Secondary Type:	**Secondary Material:**	**Secondary Height:**

Structure Summary :

A concrete wall with a bike path on a relieving platform in front. It is difficult to inspect the wall under the path.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images: 006-160-277-5000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-431-2000-100

Key: community-map-block-parcel-structure

Property Owner: State

Location: Dorchester - Neponset Avenue

Date: 7/31/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA-DCR

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $43,844.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
365 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A stone revetment with an average stone size of 1 foot diameter. Stones appear to have been dumped but are well packed together with little movement.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-431-2000-100-PHO1A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-160-431-2000-200

Key: community-map-block-parcel-structure

Property Owner: State

Location: Dorchester - Neponset Avenue

Date: 7/31/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA-DCR

Earliest Structure Record: 1998

Estimated Reconstruction/Repair Cost: $79,279.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
660 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A riprap slope with an average stone size of 1 foot to 2 feet diameter along a channel edge. Water flows through a culvert at the top and out of another at the bottom of the channel. The slope is overgrown but in good condition.

Condition Rating	B Good
Level of Action	Minor
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.

Priority Rating	II Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-160-431-2000-200-PHO2A.JPG

006-160-431-2000-200-PHO2B.JPG

Structure Documents:

MA-DCR	May 1998	Pope John Paul II	006-160-431-2000-200-DCR2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-223-8001-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Savin Hill Beach	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1949	$383,962.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
3030 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A fine to medium gravel and sand beach with small patches of marsh. There is a path at the top of the beach. The beach appears to be regularly maintained.

Condition Rating	B Good	*Priority Rating*	II Low Priority
Level of Action	Minor	*Action*	Future Project Consideration
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-130-223-8001-100-PHO1A.JPG
006-130-223-8001-100-PHO1B.JPG
006-130-223-8001-100-PHO1C.JPG

Structure Documents:

MA-DCR	October 7, 1	McDonnel Park and	006-130-223-8001-100-DCR1A
MA-DCR	May 4, 1999	Dorchester Shores -	006-130-223-8001-100-DCR1B
DEP	November 1	Plan Accompanying	006-130-223-8001-100-LIC1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-223-8002-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Springdale Street	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$426,360.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
340 Feet	Feet NAVD 88	A3	11.5 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A granite block seawall around Dorchester Yacht Club. There is a concrete cap on top of the granite blocks and the building sits on top of the wall. The granite stones have an average stone size of 2 feet by 6 feet and only show signs of weathering. However, the concrete cap is starting to crack and there is minor section loss in some areas of the wall.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-130-223-8002-100-PHO1A.JPG

006-130-223-8002-100-PHO1B.JPG

006-130-223-8002-100-PHO1C.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-339-1000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - William T. Morrissey Boulevard	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1984	$300,828.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1060 Feet	Feet NAVD 88	V5	16 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Coastal Beach	Sand	5 to 10 Feet

Structure Summary :

A gravel beach with a riprap slope, the armor stone has an average stone size of 3 feet by 3 feet by 3 feet. The beach protects the William T. Morrissey Boulevard causeway. The slope is generally in good condition.

Condition Rating	B Good	*Priority Rating*	III Moderate Priority
Level of Action	Minor	*Action*	Consider for Active Project Improvement Listing
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-130-339-1000-100-PHO1A.JPG

006-130-339-1000-100-PHO1B.JPG

Structure Documents:

MA-DCR	April 6, 1984	Dorchester Shores	006-130-339-1000-100-DCR1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-339-1000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Malibu Beach	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1984	$491,040.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
775 Feet	Feet NAVD 88	V5	16 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Coastal Beach	Sand	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

Beach has coarse and gravely sand with a mild slope. The beach protects the William T Morrissey Boulevard bank at the top of the beach. It appears that there is active erosion at the top of the beach.

Condition Rating	C Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	III Moderate Priority
Action	Consider for Active Project Improvement Listing
Description	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-130-339-1000-200-PHO2A.JPG

006-130-339-1000-200-PHO2B.JPG

Structure Documents:

MA-DCR	April 6, 1984	Dorchester Shores	006-130-339-1000-200-DCR2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-339-1000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - William T Morrissey Boulevard	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$265,353.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
215 Feet	Feet NAVD 88	V5	16 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Coastal Beach	Sand	5 to 10 Feet

Structure Summary :

A placed armor stone slope at the top of a gravel beach, either side of an abutment. The average stone size is 2 feet by 4 feet. There are 2 sections, 1 on each side of the bridge abutment.

Condition Rating	C
	Fair
Level of Action	Moderate
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.

Priority Rating	II
	Low Priority
Action	Future Project Consideration
Description	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-130-339-1000-300-PHO3A.JPG

006-130-339-1000-300-PHO3B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-339-1000-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - William T Morrissey Boulevard	7/26/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR		$97,390.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
620 Feet	Feet NAVD 88	V5	16 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A placed armor stone slope at the top of a gravel beach, either side of an abutment. The average stone size is 2 feet by 4 feet. There are 2 sections, 1 on each side of the bridge abutment. The outshore side extends further along the abutment parallel to the road.

Condition Rating	B Good	*Priority Rating*	III Moderate Priority
Level of Action	Minor	*Action*	Consider for Active Project Improvement Listing
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	Inshore Structures with potential for Infrastructure Damage and/or Limited Residential Dwellings (<1 dwelling impacted / 100 feet of shoreline)

Structure Images:

006-130-339-1000-400-PHO4A.JPG

006-130-339-1000-400-PHO4B.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-340-0000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - University of Massachusetts	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA	1955	$355,450.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1440		V2	18
Feet	Feet NAVD 88		Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	Over 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A revetment constructed from placed armor stone with an average stone size of 2 feet by 2 feet. There is a granite post fence at the top of the slope. The revetment appears to be in good condition.

Condition Rating	B Good	*Priority Rating*	IV High Priority
Level of Action	Minor	*Action*	Consider for Next Project Construction Listing
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-130-340-0000-100-PHO1A.JPG

006-130-340-0000-100-PHO1B.JPG

Structure Documents:

USACE	Feburary 19	Proposed Fill in	006-130-340-0000-100-COE1A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-340-0000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - University of Massachusetts	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA		$95,040.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
240 Feet	Feet NAVD 88	V3	20 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Stone	Over 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A vertical granite block wall with an average stone size of 2 feet by 4 feet and a granite fence along the top. The block wall is in good condition.

Condition Rating	B Good	*Priority Rating*	IV High Priority
Level of Action	Minor	*Action*	Consider for Next Project Construction Listing
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-130-340-0000-200-PHO2A.JPG

Structure Documents:

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-340-0000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - University of Massachusetts	7/20/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA

Earliest Structure Record:

Estimated Reconstruction/Repair Cost: $1,182,364.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
4790 Feet	Feet NAVD 88	V3	25 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	Over 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A revetment constructed from placed armor stone with an average stone size of 2 feet by 2 feet. There is a granite post fence at the top of the slope. The revetment appears to be in good condition.

Condition Rating	B Good	*Priority Rating*	IV High Priority
Level of Action	Minor	*Action*	Consider for Next Project Construction Listing
Description	Structure observed to exhibit very minor problems, superficial in nature. Minor erosion to landform is present. Structure / landform adequate to provide protection from a major coastal storm with no damage. Actions taken to prevent / limit future deterioration and extend life of structure.	*Description*	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-130-340-0000-300-PHO3A.JPG
006-130-340-0000-300-PHO3B.JPG
006-130-340-0000-300-PHO3C.JPG
006-130-340-0000-300-PHO3D.JPG

Structure Documents:

DEP	April 1956	Proposed Fill at	006-130-340-0000-300-LIC3A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-344-6000-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Bayside Expo Center	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1987	$0.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1260 Feet	Feet NAVD 88	V2	18 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A placed armor stone revetment with an average stone size of 2 feet by 2 feet. There are 2 feet by 4 feet granite blocks at the top separating the revetment from the path. The revetment is situated in front of high density housing that is close to the water but it is in like new condition.

Condition Rating	A Excellent
Level of Action	None
Description	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.

Priority Rating	V Immediate / Highest Priority
Action	Consider For Immediate Action Due to Public Safety and Welfare Issues
Description	Critical Inshore Structures Present with Potential for Infrastructure Damage and/or High Density Residential Dwellings Condition of structure may warrant emergency stabilization as failure may result in potential loss of property and/or life. (>10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-130-344-6000-100-PHO1A.JPG

Structure Documents:

MA-DCR	JAN 04 1987	Existing Conditions	006-130-344-6000-100-DCR1A
MA-DCR	DEC 1 1989	Old Harbor Park -	006-130-344-6000-100-DCR1B
MA-DCR	NOV 20 198	Old Harbor Park -	006-130-344-6000-100-DCR1C

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-344-6000-200

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Mount Vernon Street	7/20/2007

Presumed Structure Owner: State

Based On Comment:

Owner Name: MA-DCR

Earliest Structure Record: 1987

Estimated Reconstruction/Repair Cost: $0.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
205 Feet	Feet NAVD 88	V2	18 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Bulkhead/ Seawall	Concrete	5 to 10 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

Timber pile supported reinforced concrete retaining wall which forms to the shoreline along a reinforced concrete and granite stone pier structure. The structure is in excellent condition.

Condition Rating	A Excellent	*Priority Rating*	IV High Priority
Level of Action	None	*Action*	Consider for Next Project Construction Listing
Description	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.	*Description*	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images: 006-130-344-6000-200-PHO2A.JPG

Structure Documents:

MA-DCR	JAN 04 1987	Existing Conditions	006-130-344-6000-200-DCR2A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-344-6000-300

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Mount Vernon Street	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1987	$0.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
1250		V2	18
Feet	Feet NAVD 88		Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

A revetment constructed out of placed armor stone. The average stone size is 5 feet by 3 feet by 3 foot. There is a course of granite blocks at the top of the revetment separating it from the path. The revetment is in like new condition.

Condition Rating	A Excellent	*Priority Rating*	IV High Priority
Level of Action	None	*Action*	Consider for Next Project Construction Listing
Description	Like new condition. Structure expected to withstand major coastal storm without damage. Stable landform (beach, dune or bank). Adequate system exists to provide protection from major coastal storm.	*Description*	High Value Inshore Structures with Potential for Infrastructure Damage and/or Moderate Density Residential Dwellings (1-10 dwellings impacted / 100 feet of shoreline)

Structure Images:

006-130-344-6000-300-PHO3A.JPG

Structure Documents:

MA-DCR	APR 23 198	Waterfront Park at	006-130-344-6000-300-DCR3A
MA-DCR	DEC 1 1989	Old Harbor Park -	006-130-344-6000-300-DCR3B
MA-DCR	JAN04 1987	Existing Conditions	006-130-344-6000-300-DCR3C
MA-DCR	NOV 20 198	Old Harbor Park -	006-130-344-6000-300-DCR3D

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-344-6000-400

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Mount Vernon Street	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1955	$1,732,130.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
910		V4	14
Feet	Feet NAVD 88		Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:
Coastal Beach	Sand	10 to 15 Feet

Structure Summary :

A gravelly beach with dumped rubble (granite curb) at the top edge. The dumped granite is having little effect as the top of the slope has active erosion.

Condition Rating	C Fair	*Priority Rating*	II Low Priority
Level of Action	Moderate	*Action*	Future Project Consideration
Description	Structure is sound but may exhibit minor deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure adequate to withstand major coastal storm with little to moderate damage. Actions taken to reinforce structure to provide full protection from major coastal storm and for extending life of structure. Moderate wind or wave damage to landform exists. Landform may not be sufficient to fully protect shoreline during a major coastal storm. Actions taken to provide addition material for full protection and extended life.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

006-130-344-6000-400-PHO4A.JPG

006-130-344-6000-400-PHO4B.JPG

006-130-344-6000-400-PHO4C.JPG

Structure Documents:

USACE	February 19	Proposed Fill in	006-130-344-6000-400-COE4A

Prepared By: Bourne Consulting Engineering

CZM Coastal Infrastructure Inventory and Assessment

Structure Assessment Form

Town: Boston

Structure ID: 006-130-344-8001-100

Key: community-map-block-parcel-structure

Property Owner:	Location:	Date:
State	Dorchester - Mount Vernon Street	7/20/2007

Presumed Structure Owner:	Based On Comment:
State	

Owner Name:	Earliest Structure Record:	Estimated Reconstruction/Repair Cost:
MA-DCR	1963	$1,235,718.00

Length:	Top Elevation:	FIRM Map Zone:	FIRM Map Elevation:
790 Feet	Feet NAVD 88	V2	18 Feet NGVD

Primary Type:	Primary Material:	Primary Height:
Revetment	Stone	10 to 15 Feet

Secondary Type:	Secondary Material:	Secondary Height:

Structure Summary :

There is dumped granite stone in the middle of a gravel slope. The coastal bank behind is actively eroding.

Condition Rating	D Poor	*Priority Rating*	II Low Priority
Level of Action	Major	*Action*	Future Project Consideration
Description	Structure exhibits advanced levels of deterioration, section loss, cracking, spalling, undermining, and/or scour. Structure has strong risk of significant damage and possible failure during a major coastal storm. Structure should be monitored until repairs/reconstruction can be initiated. Actions taken to reconstruct structure to regain full capacity to resist a major coastal storm. Landform eroded, stability threatened. Landform not adequate to provide protection during major coastal storm. Actions taken to recreate landform to adequate limits for full protection from a major coastal storm.	*Description*	Inshore Structures Present with Limited potential for Significant Infrastructure Damage

Structure Images:

- 006-130-344-8001-100-PHO1A.JPG
- 006-130-344-8001-100-PHO1B.JPG
- 006-130-344-8001-100-PHO1C.JPG

Structure Documents:

MA-DCR	JUN 14 1996	South Boston	006-130-344-8001-100-DCR1A
MA-DCR	JAN 26 2004	Dorchester Shore	006-130-344-8001-100-DCR1B
MA-DCR	JAN 26 2004	Contract Drawings for	006-130-344-8001-100-DCR1C
DEP	October 196	Plan Accompanying	006-130-344-8001-100-LIC1A

Prepared By: Bourne Consulting Engineering

Section II - Boston

Part C

Structure Photographs

CITY: BOSTON
SOURCE: CEC - FIELD PHOTOGRAPHS
LOCATION: Childs Engineering Consultants
DATE OF RESEARCH: JULY 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-010-044-0000-100	006-010-044-0000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-044-0000-100	006-010-044-0000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-044-0000-200	006-010-044-0000-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-044-0000-200	006-010-044-0000-200-PHO2B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-135-8000-100	006-010-135-8000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-135-8000-100	006-010-135-8000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-135-8000-100	006-010-135-8000-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-135-8000-100	006-010-135-8000-100-PHO1D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-135-8000-100	006-010-135-8000-100-PHO1E.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-140-2000-100	006-010-140-2000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-140-2000-100	006-010-140-2000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-140-2000-100	006-010-140-2000-100-PHO1C.jpg		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-140-2000-100	006-010-140-2000-100-PHO1D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-140-2000-200	006-010-140-2000-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-010-366-8000-100	006-010-366-8000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-366-8000-100	006-010-366-8000-100-PHO1B.jpg		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-366-8000-100	006-010-366-8000-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-366-8000-100	006-010-366-8000-100-PHO1D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-366-8000-100	006-010-366-8000-100-PHO1E.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-367-9000-100	006-010-367-9000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-367-9000-100	006-010-367-9000-100-PHO1B.jpg		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-010-368-0001-100	006-010-368-0001-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-010-368-0001-200	006-010-368-0001-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-371-1000-100	006-010-371-1000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-371-1000-100	006-010-371-1000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-371-1001-100	006-010-371-1001-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-371-1001-200	006-010-371-1001-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-371-1001-300	006-010-371-1001-300-PHO3A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-371-1001-400	006-010-371-1001-400-PHO4A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-371-1001-400	006-010-371-1001-400-PHO4B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-010-438-7002-100	006-010-438-7002-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-438-7002-100	006-010-438-7002-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-010-438-7002-100	006-010-438-7002-100-PHO1D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-438-7002-100	006-010-438-7002-100-PHO1E.jpg		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-010-540-4000-100	006-010-540-4000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-540-4000-100	006-010-540-4000-100-PHO1B.jpg		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-540-4000-100	006-010-540-4000-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-010-540-4000-100	006-010-540-4000-100-PHO1D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
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006-010-540-4000-100	006-010-540-4000-100-PHO1F.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-183-0000-100	006-020-183-0000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-273-3000-100	006-020-273-3000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-273-5000-100	006-020-273-5000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-273-5000-200	006-020-273-5000-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-273-5000-300	006-020-273-5000-300-PHO3A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-273-8000-100	006-020-273-8000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-350-5000-100	006-020-350-5000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-350-5000-100	006-020-350-5000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-350-5000-100	006-020-350-5000-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-350-5000-200	006-020-350-5000-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-350-5600-100	006-020-350-5600-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-350-5600-100	006-020-350-5600-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-351-0050-100	006-020-351-0050-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-351-0050-100	006-020-351-0050-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-351-0050-200	006-020-351-0050-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-351-0050-300	006-020-351-0050-300-PHO3A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-358-6000-100	006-020-358-6000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-358-6000-100	006-020-358-6000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-358-6000-200	006-020-358-6000-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-358-6000-200	006-020-358-6000-200-PHO2B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
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006-020-358-6000-300	006-020-358-6000-300-PHO3A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-358-6000-300	006-020-358-6000-300-PHO3B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-358-6000-300	006-020-358-6000-300-PHO3C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-020-358-6000-400	006-020-358-6000-400-PHO4A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-295-2010-100	006-030-295-2010-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-295-2010-100	006-030-295-2010-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-298-2010-100	006-030-298-2010-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-300-4000-100	006-030-300-4000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-300-4000-100	006-030-300-4000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-300-4000-100	006-030-300-4000-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-300-4000-100	006-030-300-4000-100-PHO1D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-300-4000-100	006-030-300-4000-100-PHO1E.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-300-4000-100	006-030-300-4000-100-PHO1F.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-302-4000-100	006-030-302-4000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-302-4000-100	006-030-302-4000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-302-6000-100	006-030-302-6000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-302-6000-100	006-030-302-6000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-303-7000-100	006-030-303-7000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-303-7000-100	006-030-303-7000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-303-7000-100	006-030-303-7000-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-030-303-7000-100	006-030-303-7000-100-PHO1D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey

CITY: BOSTON
SOURCE: CEC - FIELD PHOTOGRAPHS
LOCATION: Childs Engineering Consultants
DATE OF RESEARCH: JULY 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-030-303-7000-100	006-030-303-7000-100-PHO1E.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-267-4000-110	006-060-267-4000-110-PHO11A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-267-4000-200	006-060-267-4000-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-300	006-060-267-4000-300-PHO3A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-300	006-060-267-4000-300-PHO3B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-400	006-060-267-4000-400-PHO4A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-400	006-060-267-4000-400-PHO4B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-400	006-060-267-4000-400-PHO4C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-267-4000-500	006-060-267-4000-500-PHO5C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-500	006-060-267-4000-500-PHO5D.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-267-4000-600	006-060-267-4000-600-PHO6A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-600	006-060-267-4000-600-PHO6B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-060-267-4000-600	006-060-267-4000-600-PHO6C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-700	006-060-267-4000-700-PHO7A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-800	006-060-267-4000-800-PHO8A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-800	006-060-267-4000-800-PHO8B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-267-4000-800	006-060-267-4000-800-PHO8C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-267-4008-100	006-060-267-4008-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-281-7020-100	006-060-281-7020-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-281-7020-100	006-060-281-7020-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-341-5000-100	006-060-341-5000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-341-5000-100	006-060-341-5000-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-341-5000-300	006-060-341-5000-300-PHO3A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-341-5000-400	006-060-341-5000-400-PHO4A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-341-6000-100	006-060-341-6000-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey

CITY: BOSTON
SOURCE: CEC - FIELD PHOTOGRAPHS
LOCATION: Childs Engineering Consultants
DATE OF RESEARCH: JULY 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
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006-060-341-8000-200	006-060-341-8000-200-PHO2A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-341-8000-200	006-060-341-8000-200-PHO2C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-341-8001-100	006-060-341-8001-100-PHO1A.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
006-060-341-8001-100	006-060-341-8001-100-PHO1B.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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006-060-341-9000-100	006-060-341-9000-100-PHO1C.JPG		Childs Engineering Consulting	Boston	July 2007	DIGITAL IMAGE	1	Structure Location	Structure Condition Photo at Time of Survey
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CITY: BOSTON
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BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
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CITY: BOSTON
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BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
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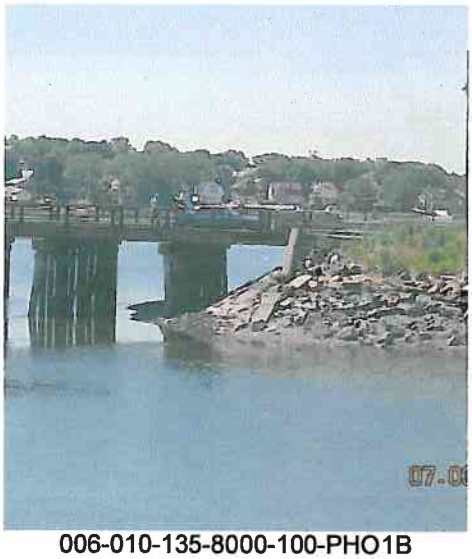
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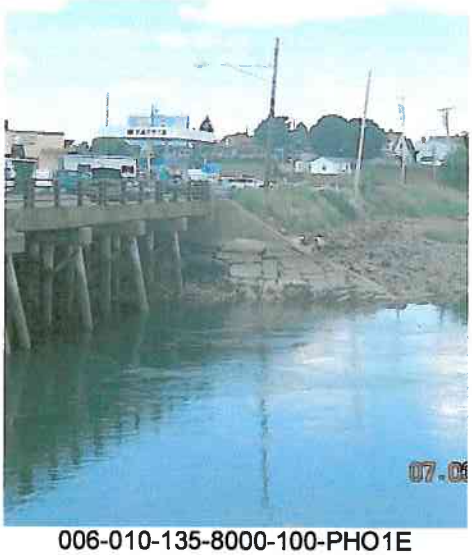
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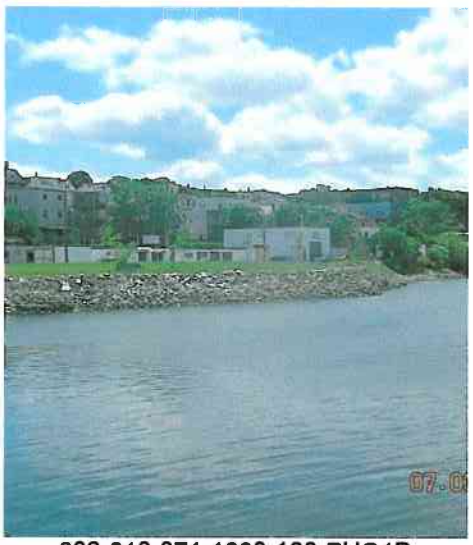
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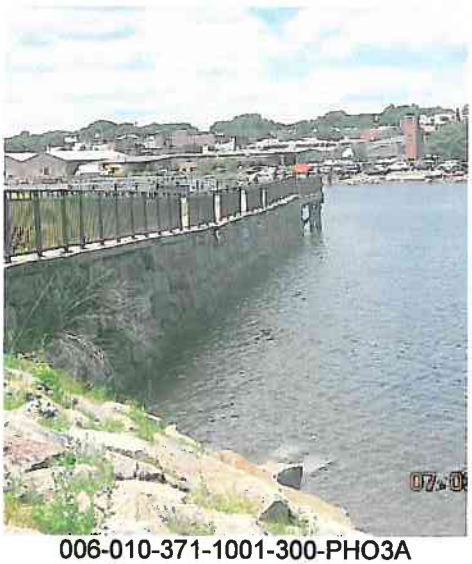
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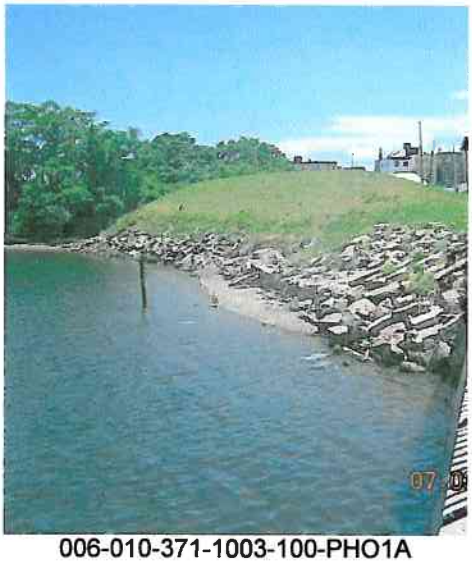
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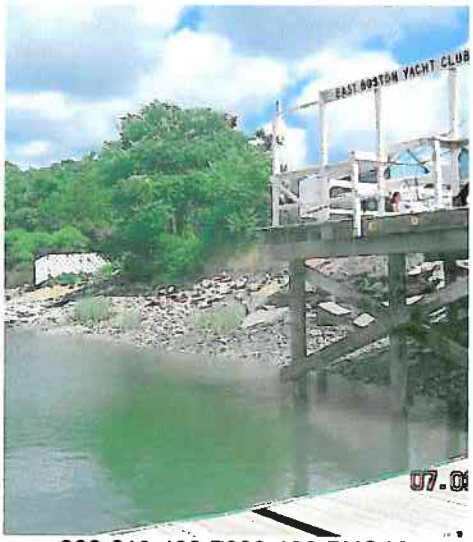

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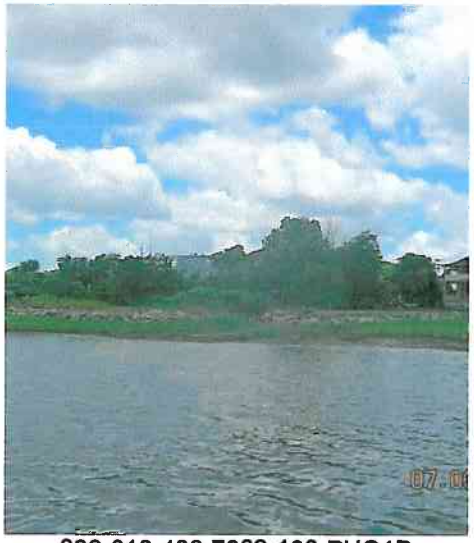
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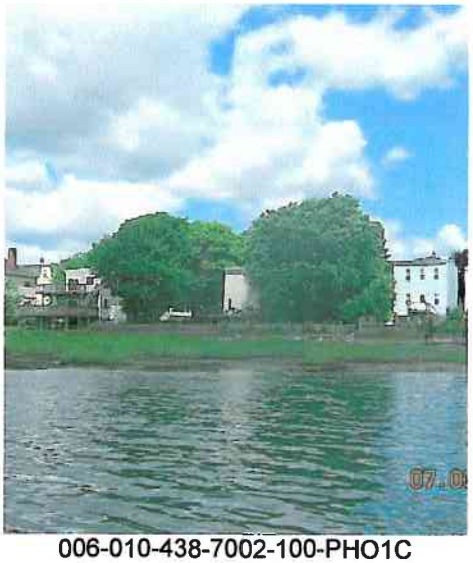
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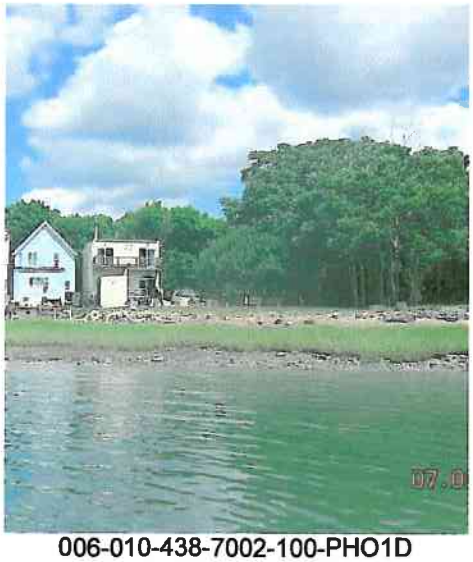

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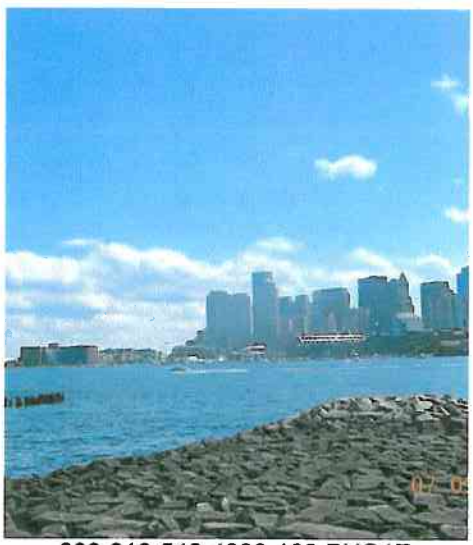

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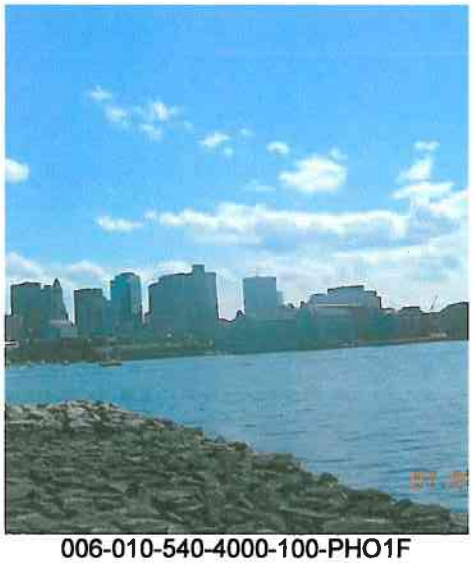
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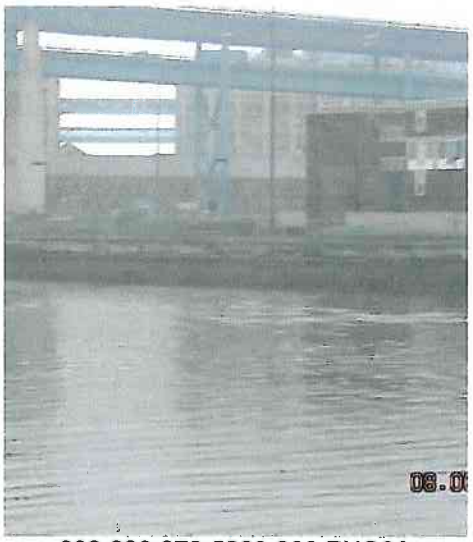
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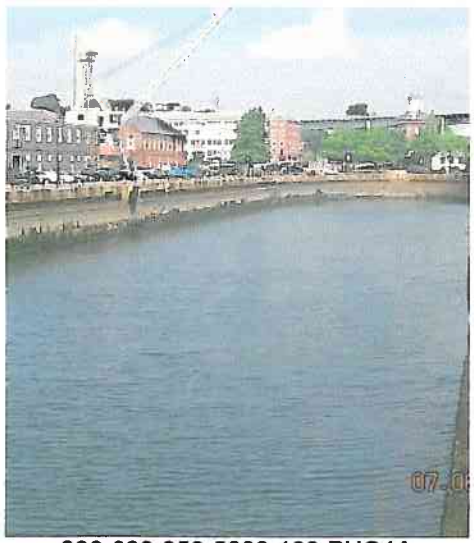
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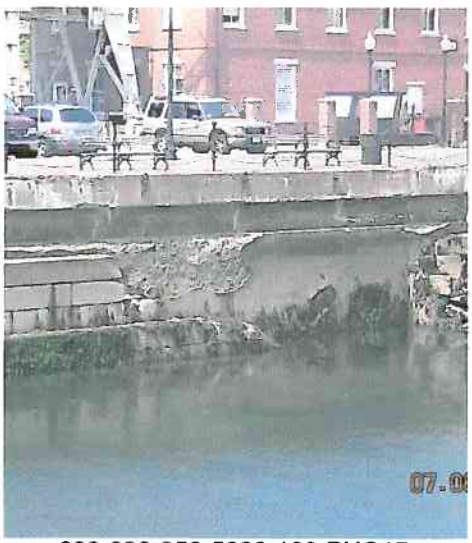
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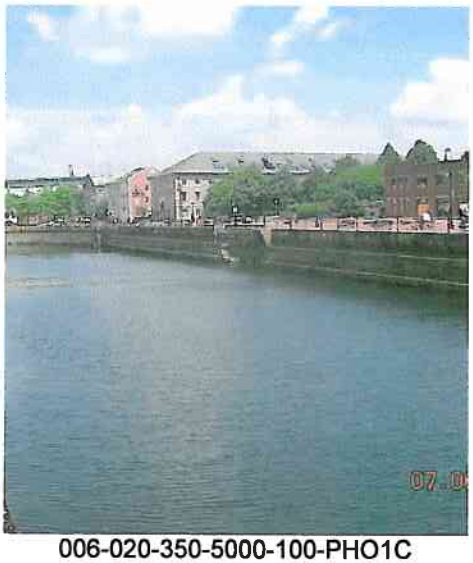
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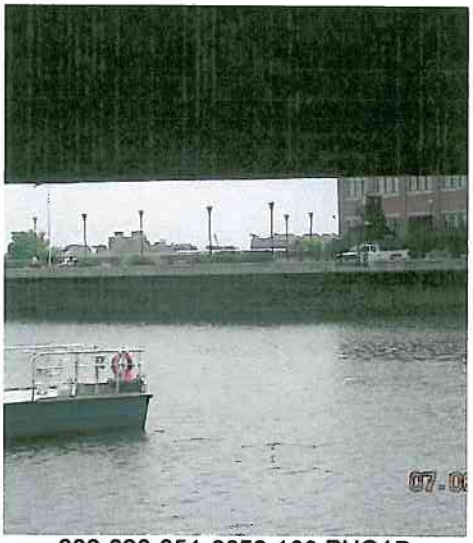
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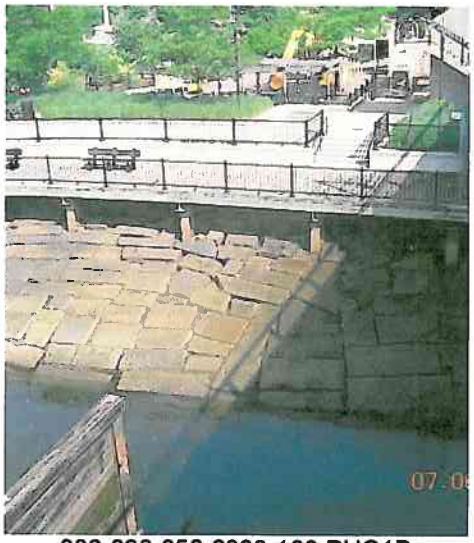
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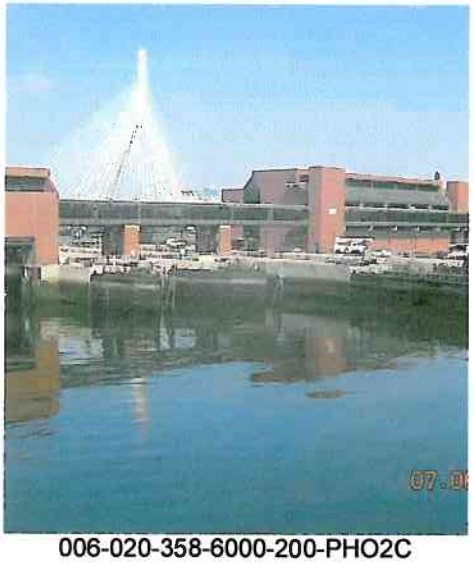
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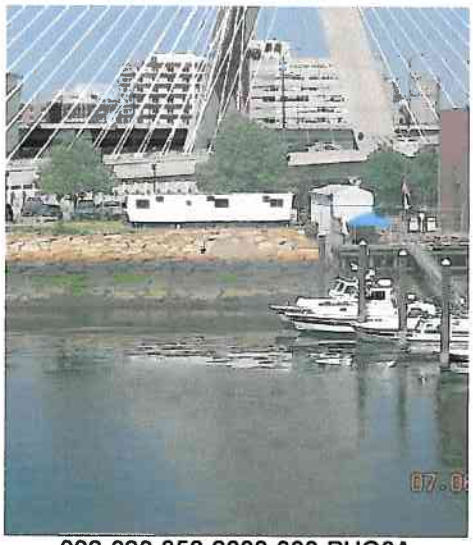
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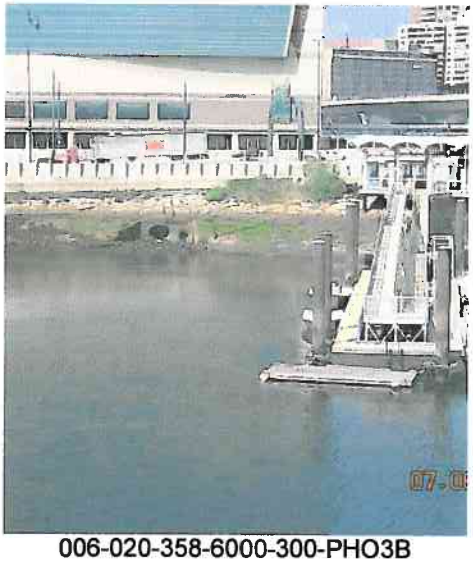
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006-020-358-6000-400-PHO4A

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006-030-300-4000-100-PHO1B

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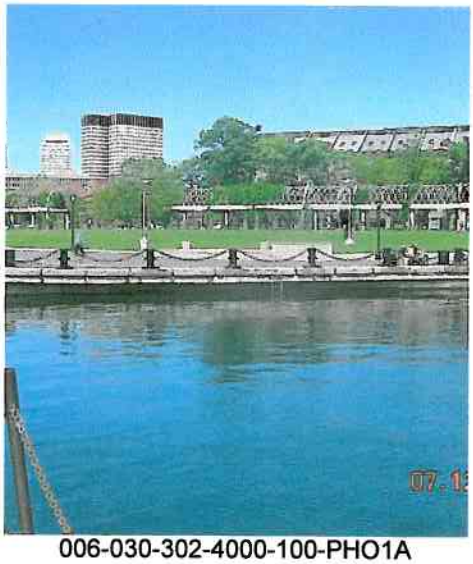
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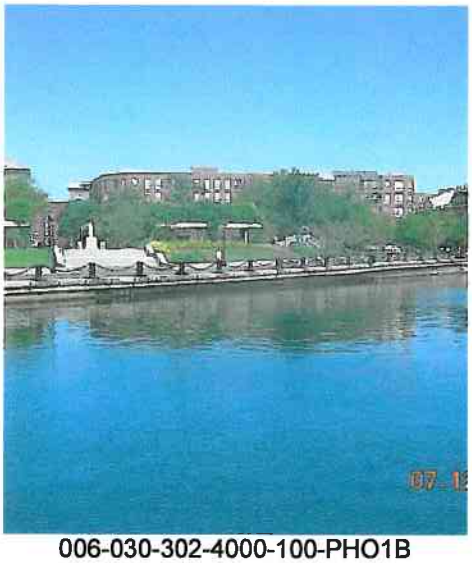

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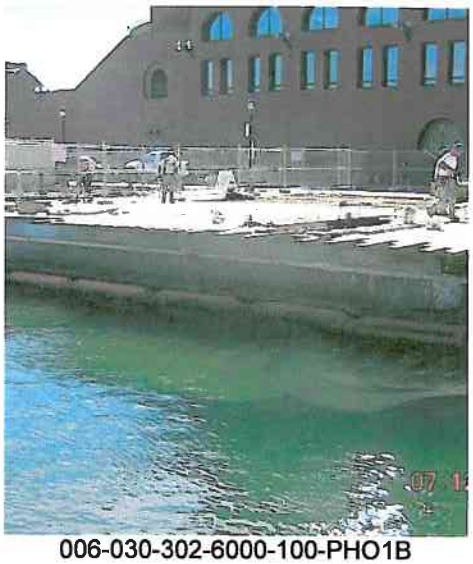

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006-030-303-7000-100-PHO1D

006-030-303-7000-100-PHO1E

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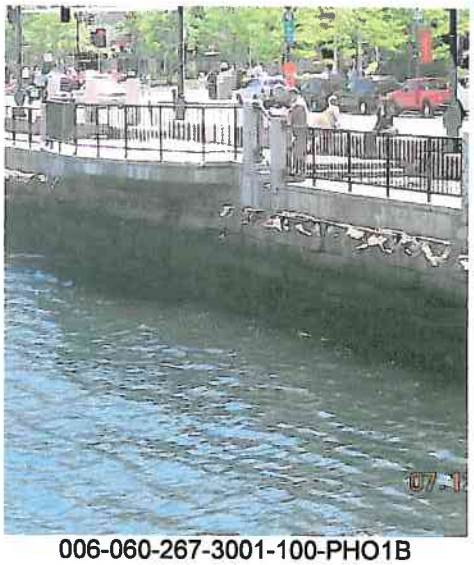
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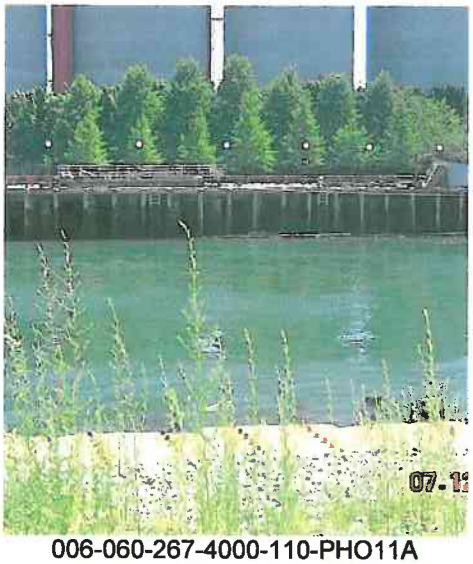
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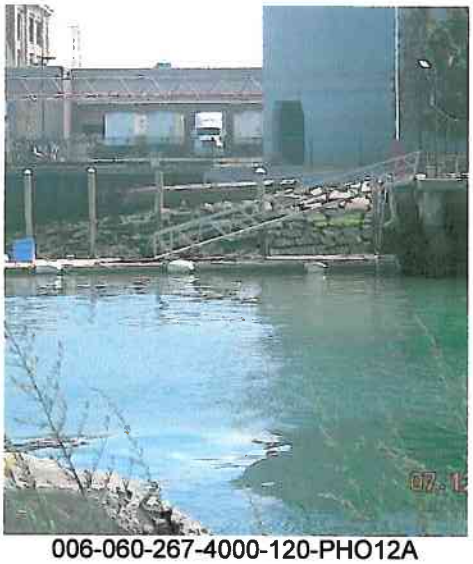
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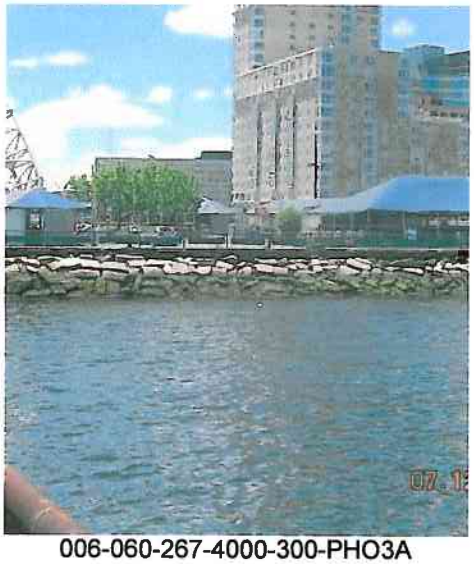
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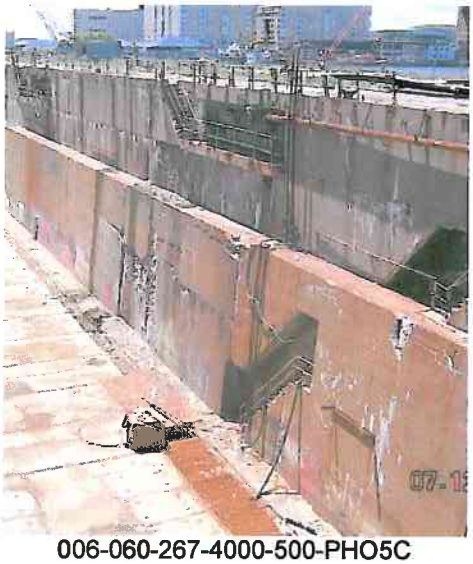

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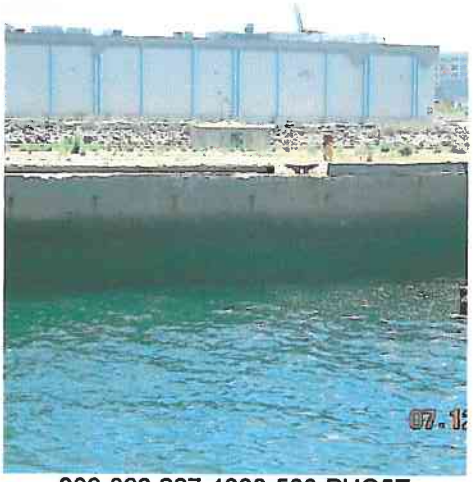

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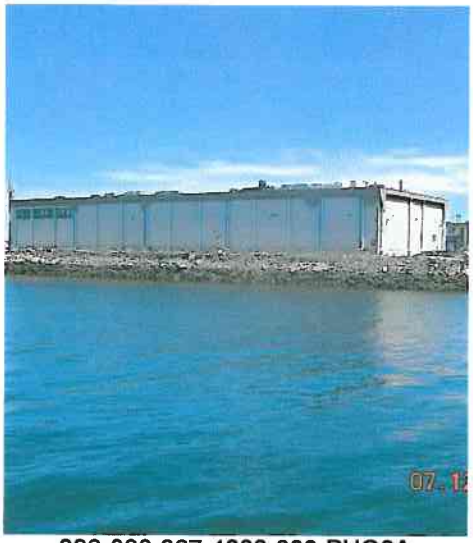

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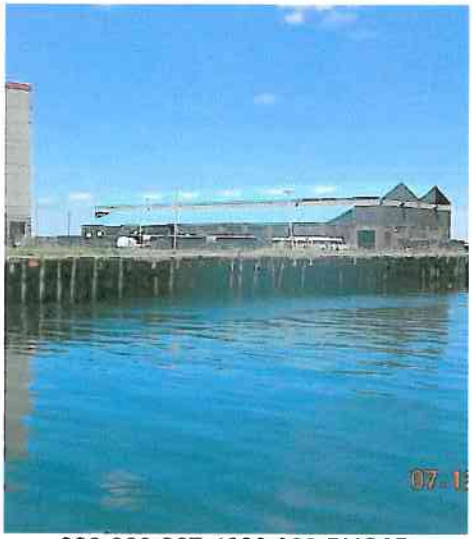

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006-060-267-4010-100-PHO1A

006-060-281-7020-100-PHO1A

006-060-281-7020-100-PHO1B

006-060-341-5000-100-PHO1A

006-060-341-5000-100-PHO1B

006-060-341-5000-200-PHO2A

006-060-341-5000-300-PHO3A

006-060-341-5000-400-PHO4A

006-060-341-5000-400-PHO4B

006-060-341-8000-100-PHO1A

006-060-341-8000-100-PHO1B

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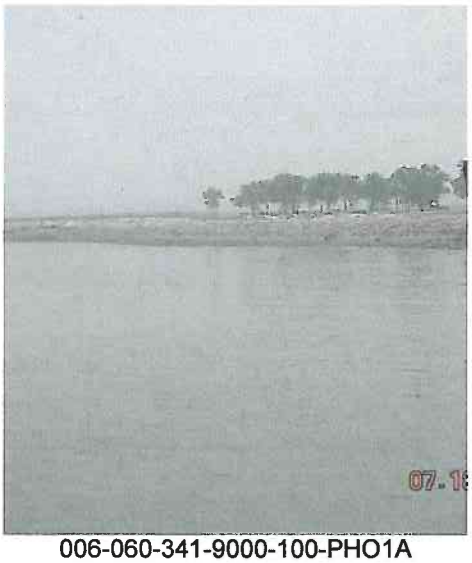
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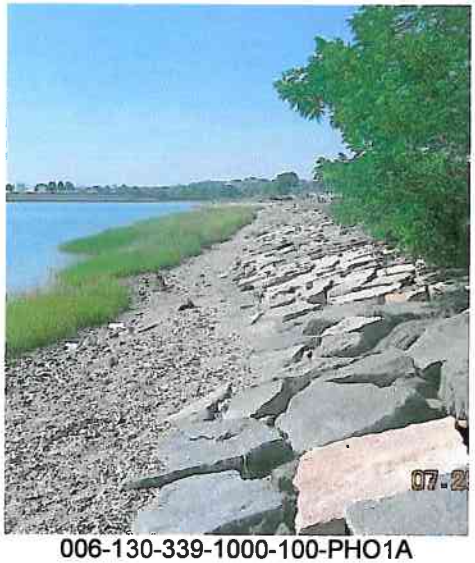
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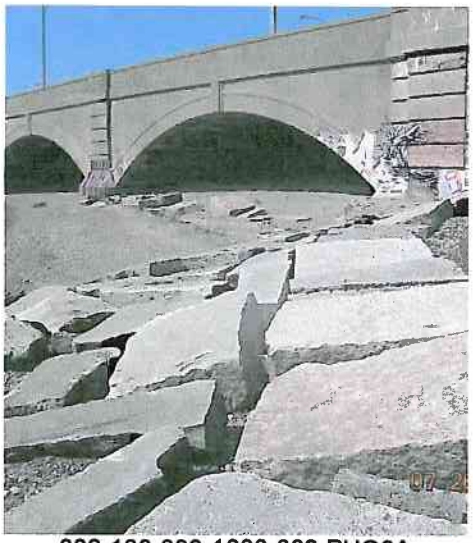
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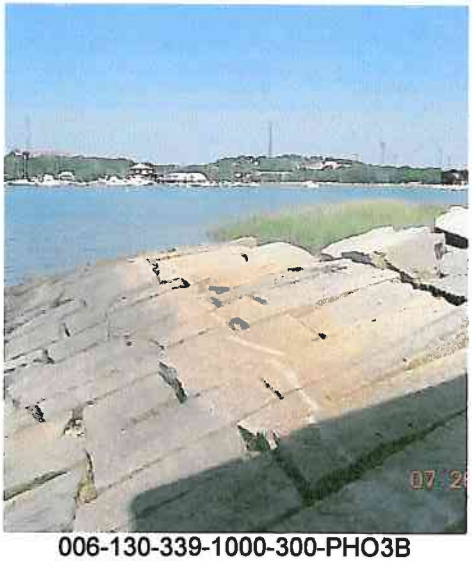
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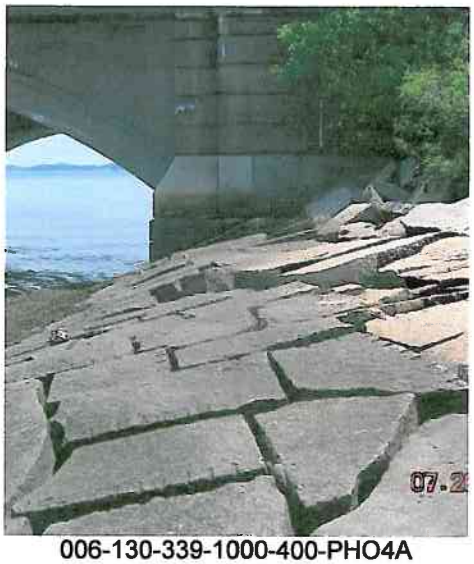
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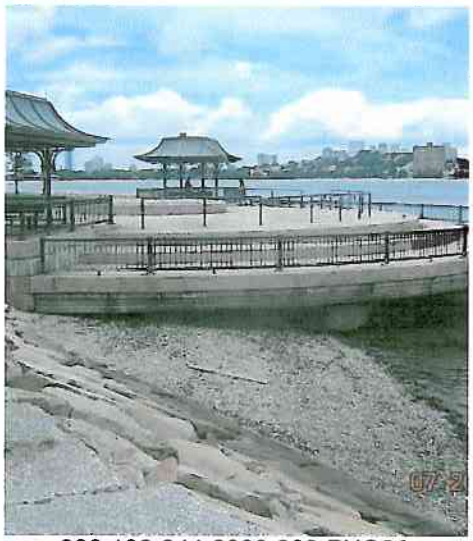

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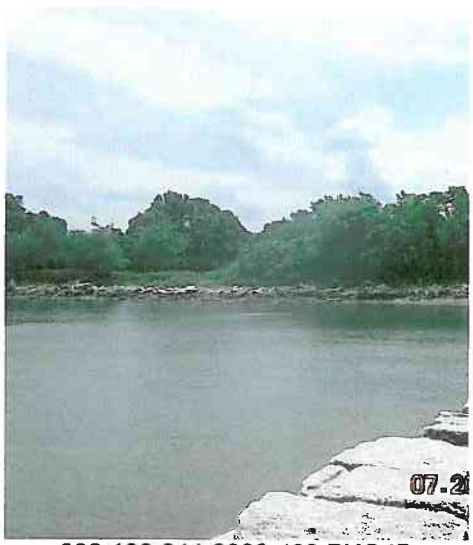

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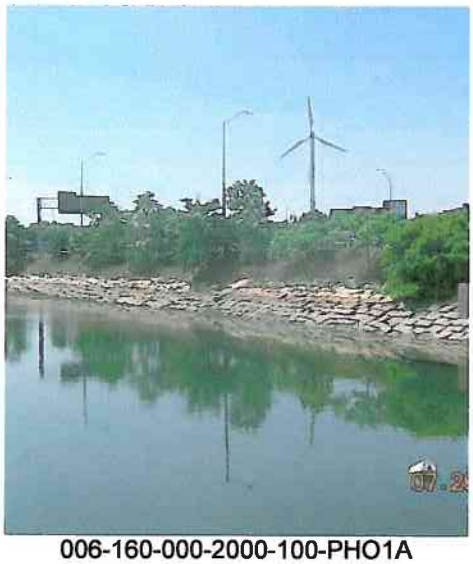
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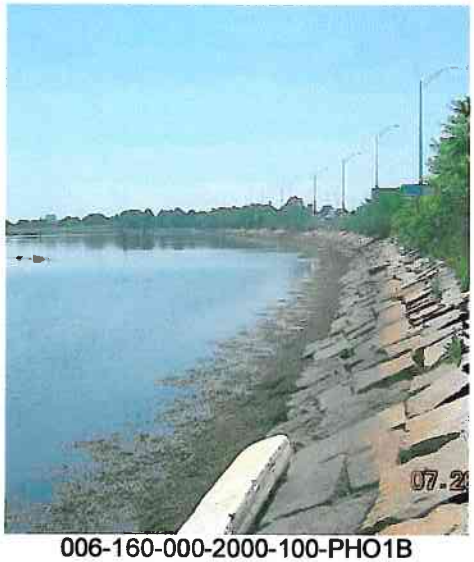
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006-160-256-9000-100-PHO1B

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006-160-259-5000-100-PHO1B

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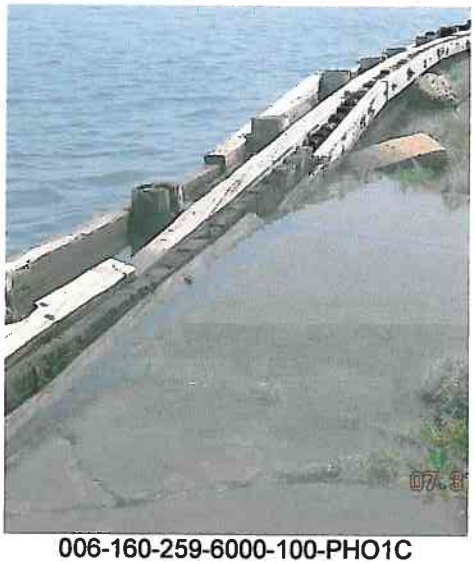

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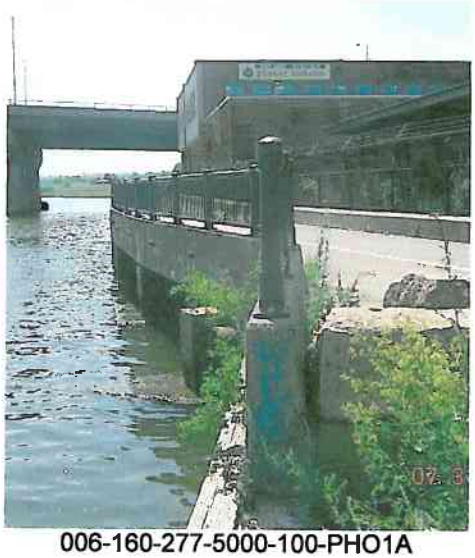

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006-160-431-2000-100-PHO1A

006-160-431-2000-200-PHO2A

006-160-431-2000-200-PHO2B

Section II - Boston

Part D

Structure Documents

CITY DOCUMENT LIST

MA DCR - DOCUMENT LIST

MA DEP – Ch 91 DOCUMENT LIST

- Copies of License Documents

USACE – PERMIT DOCUMENT LIST

- Copies of Permit Documents

CITY: BOSTON
SOURCE: City of Boston
LOCATION: CITY
DATE OF RESEARCH: SEPTEMBER 2007

No City Documents for the City of Boston

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description

CITY: BOSTON
SOURCE: MA-DCR
LOCATION: MA-DCR BOSTON and HINGHAM, MA
DATE OF RESEARCH: JULY 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-010-438-7002-200	006-010-438-7002-200-DCR2A	N/A	MA-DCR	Boston	April 1997	South Boston Beaches Rehabilitation Project - Phase I Improvements and East Boston: Constitution Beach	8	Constitution Beach	Beach Rehabilitation
006-060-341-5000-100	006-060-341-5000-100-DCR1A	51647X	MA-DCR	Boston	March 1988	Maritime Work - South Boston - Phase II	31	Pleasure Bay	
006-060-341-5000-100	006-060-341-5000-100-DCR1B	55373	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation	4	Pleasure Bay	Layout and Material Plan
006-060-341-5000-200	006-060-341-5000-200-DCR2A	51647X	MA-DCR	Boston	March 1988	Maritime Work - South Boston - Phase II	31	Pleasure Bay	
006-060-341-5000-200	006-060-341-5000-200-DCR2B	N/A	MA-DCR	Boston	April 1997	South Boston Beaches Rehabilitation Project - Phase I Improvements and East Boston: Constitution Beach	8	City Point	Resanding Plan and Cross-Section and Mother's Rest
006-060-341-5000-200	006-060-341-5000-200-DCR2C	55357	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	N/A	Mother's Rest to Castle Island	
006-060-341-5000-200	006-060-341-5000-200-DCR2D	95-1784-C3	MA-DCR	Boston	March 27, 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	118	Carson Beach to Castle Island	
006-060-341-5000-300	006-060-341-5000-300-DCR3A	51647X	MA-DCR	Boston	March 1988	Maritime Work - South Boston - Phase II	31	Pleasure Bay	
006-060-341-5000-400	006-060-341-5000-400-DCR4A	51647X	MA-DCR	Boston	March 1988	Maritime Work - South Boston - Phase II	31	Pleasure Bay	
006-060-341-5000-400	006-060-341-5000-400-DCR4B	55394	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation	1		Seawall Details
006-060-341-8000-100	006-060-341-8000-100-DCR1A	51472X	MA-DCR	Boston	January 1982	Maritime Work - South Boston - Castle Island Park	42	Castle Island	
006-060-341-8000-100	006-060-341-8000-100-DCR1B	51647X	MA-DCR	Boston	March 1988	Maritime Work - South Boston - Phase II	31	Pleasure Bay	
006-060-341-8000-200	006-060-341-8000-200-DCR2A	51472X	MA-DCR	Boston	January 1982	Maritime Work - South Boston - Castle Island Park	42	Castle Island	
006-060-341-8000-200	006-060-341-8000-200-DCR2B	51647X	MA-DCR	Boston	March 1988	Maritime Work - South Boston - Phase II	31	Pleasure Bay	
006-060-341-8001-100	006-060-341-8001-100-DCR1A	51472X	MA-DCR	Boston	January 1982	Maritime Work - South Boston - Castle Island Park	42	Castle Island	
006-060-341-9000-100	006-060-341-9000-100-DCR1A	51472X	MA-DCR	Boston	January 1982	Maritime Work - South Boston - Castle Island Park	42	Castle Island	
006-060-341-9000-100	006-060-341-9000-100-DCR1B	51647X	MA-DCR	Boston	March 1988	Maritime Work - South Boston - Phase II	31	Pleasure Bay	
006-060-341-9000-100	006-060-341-9000-100-DCR1C	52664X	MA-DCR	Boston	July 6, 1990	Slope Protection Repairs - Pleasure Bay - Causeway and Castle Island Park - South Boston	15	Pleasure Bay	Slope Protection Repairs
006-060-341-9000-200	006-060-341-9000-200-DCR2A	52664X	MA-DCR	Boston	July 1990	Slope Protection Repairs - Pleasure Bay - Causeway and Castle Island Park - South Boston	15	Pleasure Bay	
006-060-341-9000-400	006-060-341-9000-400-DCR4A	51464X	MA-DCR	Boston	March 15, 1988	Maritime Work - South Boston - Head Island	19	Head Island	
006-060-341-9000-500	006-060-341-9000-500-DCR5A	51472X	MA-DCR	Boston	January 1982	Maritime Work - South Boston - Castle Island Park	42	Castle Island	
006-070-142-1000-100	006-070-142-1000-100-DCR1A	55357	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	N/A	Mother's Rest to Castle Island	
006-070-142-1000-100	006-070-142-1000-100-DCR1B	95-1784-C3	MA-DCR	Boston	March 27, 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	118	Carson Beach to Castle Island	
006-070-142-1000-200	006-070-142-1000-200-DCR2A	55357	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	N/A	Mother's Rest to Castle Island	
006-070-142-1000-200	006-070-142-1000-200-DCR2B	95-1784-C3	MA-DCR	Boston	March 27, 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	118	Carson Beach to Castle Island	
006-070-142-1000-300	006-070-142-1000-300-DCR3A	55357	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	N/A	Mother's Rest to Castle Island	
006-070-142-1000-300	006-070-142-1000-300-DCR3B	95-1784-C3	MA-DCR	Boston	March 27, 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	118	Carson Beach to Castle Island	
006-070-142-1000-400	006-070-142-1000-400-DCR4A	N/A	MA-DCR	Boston	April 1997	South Boston Beaches Rehabilitation Project - Phase I Improvements and East Boston: Constitution Beach	8	Carson Beach	Resanding Plan and Cross-Section and Mother's Rest
006-070-142-1000-400	006-070-142-1000-400-DCR4B	55357	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	N/A	Mother's Rest to Castle Island	
006-070-142-1000-400	006-070-142-1000-400-DCR4C	55360	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation	4	Carson Beach	Layout and Material Plan
006-070-142-1000-400	006-070-142-1000-400-DCR4D	95-1784-C3	MA-DCR	Boston	March 27, 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	118	Carson Beach to Castle Island	
006-070-244-2000-100	006-070-244-2000-100-DCR1A	43242	MA-DCR	Boston	March 1965	William J. Day Boulevard - South Boston Repairs to Seawall Near N Street	1	N Street	Seawall Repairs
006-070-244-2000-100	006-070-244-2000-100-DCR1B	55357	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	N/A	Mother's Rest to Castle Island	
006-070-244-2000-100	006-070-244-2000-100-DCR1C	95-1784-C3	MA-DCR	Boston	March 27, 1998	South Boston Beaches Rehabilitation Project - Phase II Improvements	118	Carson Beach to Castle Island	
006-070-244-2000-100	006-070-244-2000-100-DCR1D	55369	MA-DCR	Boston	May 1998	South Boston Beaches Rehabilitation	1	M Street Beach	Layou and Material Plan
006-070-244-2000-100	006-070-244-2000-100-DCR1E	3587	MA-DCR	Boston	N/A	Emergency Action Plan - M Street Seawall Reconstruction	4	M Street	Seawall Reconstruction
006-070-244-2000-100	006-070-244-2000-100-DCR1F	3588	MA-DCR	Boston	N/A	M Street Seawall Reconstruction	12	M Street	Seawall Reconstruction
006-130-223-8001-100	006-130-223-8001-100-DCR1A	28743	MA-DCR	Boston	October 7, 1949	McDonnel Park and Savin Hill Beach - Dorchester	1	Dorchester	
006-130-223-8001-100	006-130-223-8001-100-DCR1B	55639	MA-DCR	Boston	May 4, 1999	Dorchester Shores - Beach Restoration Project	79	Salvin Hill, Inner Malibu Beaches, and Tenean Beach	

CITY: BOSTON
SOURCE: MA-DCR
LOCATION: MA-DCR BOSTON and HINGHAM, MA
DATE OF RESEARCH: JULY 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-130-339-1000-100	006-130-339-1000-100-DCR1A	51048	MA-DCR	Boston	April 6, 1984	Dorchester Shores Reservation - William T. Morrissey Boulevard - Dorchester - Sanding Salvin Hill Beach	1	Salvin Hill Beach	Resanding
006-130-339-1000-200	006-130-339-1000-200-DCR2A	51048	MA-DCR	Boston	April 6, 1984	Dorchester Shores Reservation - William T. Morrissey Boulevard - Dorchester - Sanding Salvin Hill Beaches	1	Salvin Hill Beaches	Resanding
006-130-344-6000-100	006-130-344-6000-100-DCR1A		MA-DCR	Boston	JAN 04 1987	Existing Conditions Harbor Point - Old Harbor Park - Dorchester Shore Reservation	3	Old Harbor Park	Revetment Plans
006-130-344-6000-100	006-130-344-6000-100-DCR1B	697	MA-DCR	Boston	DEC 1 1989	Old Harbor Park - Old Harbor Reservation	30	Old Harbor Park	Revetment Plans
006-130-344-6000-100	006-130-344-6000-100-DCR1C	52613X	MA-DCR	Boston	NOV 20 1989	Old Harbor Park - Dorchester Shore Reservation	76	Old Harbor Park	Revetment Plans
006-130-344-6000-200	006-130-344-6000-200-DCR2A		MA-DCR	Boston	JAN 04 1987	Existing Conditions Harbor Point - Old Harbor Park Dorchester Shore Reservation	3	Old Harbor Park	Revetmenet Plans
006-130-344-6000-300	006-130-344-6000-300-DCR3A		MA-DCR	Boston	APR 23 1987	Waterfront Park at Harbor Point - Dorecester Shore Reservation	1	Waterfront Park at Harbor Point	Site Plan
006-130-344-6000-300	006-130-344-6000-300-DCR3B	697	MA-DCR	Boston	DEC 1 1989	Old Harbor Park - Old Harbor Reservation	30	Old Harbor Park	Revetment Plans
006-130-344-6000-300	006-130-344-6000-300-DCR3C		MA-DCR	Boston	JAN04 1987	Existing Conditions Harbor Point - Old Harbor Park Dorchester Shore Reservation	3	Harbor Point	Revetment Plans
006-130-344-6000-300	006-130-344-6000-300-DCR3D	52613X	MA-DCR	Boston	NOV 20 1989	Old Harbor Park - Dorchester Shore Reservation	76	Old Harbor Park	Revetment Details
006-130-344-8001-100	006-130-344-8001-100-DCR1A	54937	MA-DCR	Boston	JUN 14 1996	South Boston Beaches Rehabilitation	9	Near Bayside Expo	Riprap around "mothers rest area"
006-130-344-8001-100	006-130-344-8001-100-DCR1B	65760X	MA-DCR	Boston	JAN 26 2004	Dorchester Shore Reservation - West Link Project	34	West Link by Bayside Expo Enter	
006-130-344-8001-100	006-130-344-8001-100-DCR1C	P95-1807-C	MA-DCR	Boston	JAN 26 2004	Contract Drawings for Dorchester Shores Reservation West Link Project			
006-160-431-2000-200	006-160-431-2000-200-DCR2A	55408X	MA-DCR	Boston	MAY 1998	Pope John Paul II Park - Site Remediation/Phase I Park Development	24	Hallet Street Landfill and Pope John Paul II Park	

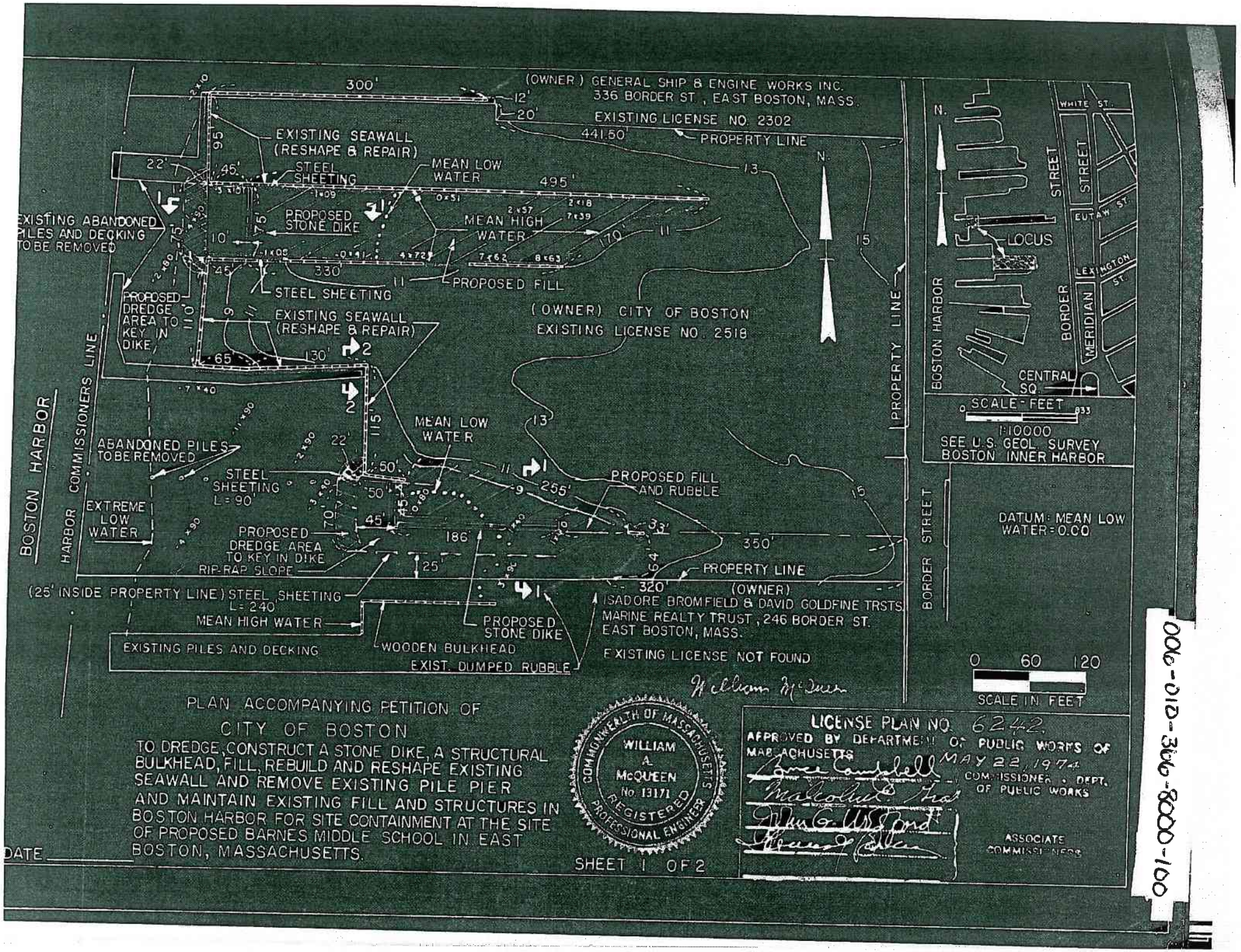
CITY: BOSTON
SOURCE: DEP
LOCATION: BOSTON, MA
DATE OF RESEARCH: JULY 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-010-366-8000-100	006-010-366-8000-100-LIC1A	6242	DEP	Boston	May 1974	Plan Accompanying Petition of City of Boston to Dredge, Construct a Stone Dike, a Structural Bulkhead, Fill, Rebuild and Reshape Existing Seawall and Remove Existing Fill and Structures in Boston Harbor for Site Containment at the Site of Proposed Barnes	2	Lexington Street	Stone Dike, Bulkhead and Rebuild Existing Seawall
006-010-438-7002-100	006-010-438-7002-100-LIC1A	6784	DEP	Boston	September 10, 1997	Plans Accompanying Petition of Metropolitan District Comission For Rehabilitation of Constitution Beach, Boston Harbor, Boston, Ma.	7	Constitution Beach	Beach Nourishment
006-010-540-4000-100	006-010-540-4000-100-LIC1A	144	DEP	Boston	January 1976	Plan Accompanying Petition of City of Boston to Construct, Reconstruct and/or Remove Seawall and Piers, to Fill, to Dredge, to Remove Debris and to Maintain Seawalls and Piers in Boston harbor, East Boston, Massachusetts	4	Sumner Street	Reconstruct and Maintain Seawalls
006-010-540-4000-100	006-010-540-4000-100-LIC1B	2711	DEP	Boston	September 1990	Plans Accompanying Petition of City of Boston to Construct and Maintain Riprap Slopes, Excavation, Dredge, Fill and Pile Supported Pier at Lopresti Park - East Boston in Boston Harbor, City of Boston, County of Suffolk, Massachusetts	9	Sumner Street	Riprap Slope
006-020-273-5000-100	006-020-273-5000-100-LIC1A	5373	DEP	Boston	May 22, 1968	Plan Accompanying Petition of the Boston Redevelopment Authority to Construct a Seawall and Fill, and to Fill Solid the Channel with Rock Revetment, Outboard Slope In	2	Little Mystic Channel	Seawall and Revetment
006-020-273-5000-200	006-020-273-5000-200-LIC2A	5373	DEP	Boston	May 22, 1968	Plan Accompanying Petition Of The Boston Redevelopment Authority To Construct A Seawall And Fill And To Fill Solid The Channel With Rock Revetment	2	Little Mystic Channel	Seawall and Revetment
006-020-358-6000-100	006-020-358-6000-100-LIC1A	2612	DEP	Boston	August 1990	The J.J. Ryan Playground Site Plan - Plans Accompanying Petition of the City of Boston to Construct and Maintain a Waterfront Public Boardwalk and Maintain an Existing Granite Block Seawall and Fill - Mystic River, Boston, Massachusetts	3	J.J. Ryan Playground	Granite Block Seawall
006-020-358-6000-300	006-020-358-6000-300-LIC3A	3755	DEP	Boston	July 18, 1955	City Of Boston Public Works Department Bridge Division Warren Bridge Over Charles River Filling	1	Warren Bridge	Filling
006-030-295-2010-100	006-030-295-2010-100-LIC1A	7722	DEP	Boston	April 22, 1999	Plans Accompanying Petition Of The Massachusetts Highway Depertment To Construct And Maintain A Seawall And Wharf In Filled And Flowed Tidelands In Fort Point Channel, Cilty Of Boston, Suffolk County	5	Atlantic Avenue	Seawall
006-030-298-2010-100	006-030-298-2010-100-LIC1A	5274	DEP	Boston	September 6, 1967	Plan Accompanying Petition of Boston Redevelopment Authority to excavate, Construct a Rock Fill Barrier and Stone Retaining Wall and to Fill at and Between Central and India Wharfs - Boston Harbor, MA	2	India Wharf	Stone Retaining Wall
006-030-298-2010-100	006-030-298-2010-100-LIC1B	5276	DEP	Boston	September 6, 1967	India Wharf. Plan Accompanying Petition of Boston Redevelomont Authority and Theodore W. Berenson: Remove Existing Pile Wharf Platforms and to Maintain the Existing Solid Portion of India Wharf and Existing Retaining Structures, to Rebuild Same and Excava	2	India Wharf	Bulkhead/ Seawall
006-030-298-2010-100	006-030-298-2010-100-LIC1C	5456	DEP	Boston	November 6, 1968	Plan Accompanying Petition of Theodore W. Brenson. Boston Redevelopment Authority To Maintain Existing Seawall and Appurtenances Along Atlandtic Avenue	2	Atlantic Avenue	Bulkhead/ Seawall
006-030-298-2010-100	006-030-298-2010-100-LIC1D	5395	DEP	Boston	December 30, 1968	Plan Accompanying Petition of Boston Redevelopment Authority and New England Aquarium Corporation To Construct Stone Bulkhead Wall and Fill Solid in Boston Inner Harbor Boston, Ma	2	Atlantic Ave	Bulkhead
006-030-300-4000-100	006-030-300-4000-100-LIC1A	5821	DEP	Boston	October 1970	Plans Accompanying Petition of Boston Redevelopment Authority to Maintain and Extend Existing Wharfs, Seawalls, Piers and Bulkheads Excavate and Dredge and to Construct and Maintain Seawalls, Piers, Wharfs and to Drive Piles, Fill Solid, and Construct Str	3	Long Wharf and T-Wharf	Maintain Existing Seawalls

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-030-300-4000-100	006-030-300-4000-100-LIC1B	5822	DEP	Boston	October 1970	Plan Accompanying Petition of Boston Redevelopment Authority to Excavate, Construct and Maintain a Rock Barrier and Stoneface Seawall and to Fill At and Between Central and Long Wharfs, Boston Harbor, Boston, MA	3	Central and Long Wharfs	Rock Barrier and Stoneface Seawall
006-030-300-4000-100	006-030-300-4000-100-LIC1C	4984	DEP	Boston	October 27, 1965	Plan Accompanying Petition of Boston Redevelopment Authority To Maintain Existing Central Wharf and to Construct Additional Stone Bulkhead Wall and Fill Solid In Boston Inner Harbor	2	Atlantic Ave	Stone Bulkhead
006-030-300-4000-100	006-030-300-4000-100-LIC1D	988	DEP	Boston	June 6, 1983	Pln Accompanying Petition of Boston Redevelopment Authority to Renovate and Maintain Long Wharf At Boston Inner Harbor	2	Long Wharf	Bulkhead/ Seawall
006-030-300-4000-100	006-030-300-4000-100-LIC1E	609	DEP	Boston	December 4, 1979	Plan Accompanying the Petition of Boston Redevelopment Authority. Reconstruct and Maintain the Long Wharf Decking, Pile Foundation and Restructuring the Granite Wall Under Harbor and Land License No. 487 & 2090.	5	Long Wharf	Bulkhead/ Seawall
006-030-302-4000-100	006-030-302-4000-100-LIC1A	134	DEP	Boston	May 17, 1976	Plan Accompanying Petition of Boston Redevelopment Authority to Construct and Maintain a Paved Channel, an 84" Drainage System Outlet at Existing Seawall	3	Atlantic Ave.	Bulkhead/ Seawall
006-030-303-7000-100	006-030-303-7000-100-LIC1A	5823	DEP	Boston	November 1970	Plan Accompanying Petition of Boston Redevelopment Authority to Excavate, Construct and Maintain a Paved Channel, a 96 Inch Pipe and a Seawall Outlet Structure for a Storm Drain System at Sargent Wharf, Boston Harbor, Boston, MA	3	Sargent Wharf	Rock Fill and Existing Bulkhead
006-060-341-5000-100	006-060-341-5000-100-LIC1A	2807	DEP	Boston	October 16, 1945	Plan Accompanying Petition of City of Boston - Park Department to Build A Timber Pier In Pleasure Bay at Marine Park South Boston	2	Pleasure Bay, Marine Park	Stone Revetment
006-060-341-5000-200	006-060-341-5000-200-LIC2A	6634	DEP	Boston	June 1997	Plans Accompanying Petition of MDC to Construct and Maintain Riprap, Fishing Pier, Docking Facility and Beach Resanding at Old Harbor/Dorchester Bay in South Boston, Massachusetts	10	Old Harbor	Riprap and Beach Renourishment
006-060-341-5000-300	006-060-341-5000-300-LIC3A	7386	DEP	Boston	July 1998	Plans Accompanying Petition of MDC to Construct and Maintain Public Access Facilities Including Boardwalks and Beach Entrances and Reconstruct Sidewalks, Site Walls and Parking Lots at Old Harbor/Dorchester Bay in South Boston, MA	25	Old Harbor to Pleasure Bay	Seawalls and Beach Renourishment
006-060-341-5000-400	006-060-341-5000-400-LIC4A	7386	DEP	Boston	July 1998	Plans Accompanying Petition of MDC to Construct and Maintain Public Access Facilities Including Boardwalks and Beach Entrances and Reconstruct Sidewalks, Site Walls and Parking Lots at Old Harbor/Dorchester Bay in South Boston, MA	25	Old Harbor to Pleasure Bay	Seawalls and Beach Renourishment
006-060-341-9000-100	006-060-341-9000-100-LIC1A	4051	DEP	Boston	February 1958	Proposed Dam and Hydraulic Structures - Pleasure Bay - South Boston, MA	2	Castle Island	Dam
006-060-341-9000-100	006-060-341-9000-100-LIC1B	1820	DEP	Boston	June 1988	Plan Accompanying Petition of Metropolitan District Commission to Construct and Maintain a Riprap Slope and Dredge in Dorchester Bay at South Boston, MA	2	Castle Island	Riprap Slope
006-060-341-9000-100	006-060-341-9000-100-LIC1C	925	DEP	Boston	November 1982	Plan Accompanying Petition of MDC to Reconstruct and Maintain Causeway and Dredge in Dorchester Bay at South Boston, Massachusetts	1	Pleasure Bay	Causeway
006-060-341-9000-200	006-060-341-9000-200-LIC2A	4051	DEP	Boston	February 1958	Proposed Dam and Hydraulic Structures - Pleasure Bay - South Boston, MA	2	Castle Island	Dam
006-060-341-9000-200	006-060-341-9000-200-LIC2B	925	DEP	Boston	November 1982	Plan Accompanying Petition of MDC to Reconstruct and Maintain Causeway and Dredge in Dorchester Bay at South Boston, Massachusetts	1	Pleasure Bay	Causeway
006-060-341-9000-300	006-060-341-9000-300-LIC3A	4051	DEP	Boston	February 1958	Proposed Dam and Hydraulic Structures - Pleasure Bay - South Boston, MA	2	Castle Island	Dam
006-060-341-9000-300	006-060-341-9000-300-LIC3B	925	DEP	Boston	November 26, 1982	Plan Accompanying Petition of Metropolitan District Commission To Reconstruct and Maintain Causeway and Dredge in Dorchester Bay at South Boston, Massachusetts	1	Pleasure Bay	Causeway

CITY: BOSTON
SOURCE: DEP
LOCATION: BOSTON, MA
DATE OF RESEARCH: JULY 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-070-054-1001-100	006-070-054-1001-100-LIC1A	6400	DEP	Boston	June 4, 1975	Plan Accompanying Petition of Metropolitan District Commission to Construct and Maintain Fill, Riprap, Pile and Timber Pier	2	Old Harbor	Revetment
006-070-054-1001-100	006-070-054-1001-100-LIC1B	6634	DEP	Boston	June 13, 1997	Plans Accompanying Petition of Metropolitan District Commission to Construct and Maintain Riprap, Fishing Pier, Docking Facility and Beach Resanding at Old Harbor/Dorchester Bay	10	Dorchester Bay	Riprap
006-070-142-1000-100	006-070-142-1000-100-LIC1A	7386	DEP	Boston	July 21, 1998	Plans Accompanying Petition of Metropolitan District Commission to Construct and Maintain Public Access Facilities Including Boardwalks and Beach Entrances and Reconstruct Sidewalks Site Walls and Parking Lots	25	Old Harbor to Pleasure Bay	Seawalls and Beach Nourishment
006-070-142-1000-200	006-070-142-1000-200-LIC2A	7386	DEP	Boston	July 21, 1998	Plans Accompanying Petition of Metropolitan District Commission to Construct and Maintain Public Access Facilities Including Boardwalks and Beach Entrances and Reconstruct Sidewalks, Site Walls and Parking Lots At Old Harbor/ Dorchester Bay	25	Old Harbor to Pleasure Bay	Seawall and Beach Nourishment
006-070-142-1000-400	006-070-142-1000-400-LIC4A	6634	DEP	Boston	June 13, 1997	Plans Accompanying Petition of Metropolitan District Commission to Construct and Maintain Riprap, Fishing Pier, Docking Facility and Beach Resanding	10	Old Harbor	Riprap and Resanding
006-070-244-2000-100	006-070-244-2000-100-LIC1A	7386	DEP	Boston	July 21, 1998	Plans Accompanying Petition of Metropolitan District Commission to Construct and Maintain Public Access Facilities Including Boardwalks and Beach Entrances and Reconstruct Sidewalks, Site Walls and Parking lots	25	Old Harbor to Pleasure Bay	Seawalls and Beach Renourishment
006-070-267-2000-100	006-070-267-2000-100-LIC1A	7386	DEP	Boston	July 21, 1998	Plans Accompanying Petition of MDC to Construct and Maintain Public Access Facilities Including Boardwalks and Beach Entrances and Reconstruct Sidewalks, Site Walls and Parking Lots	25	Old Harbor to Pleasure Bay	Seawalls and Beach Renourishment
006-070-267-2000-100	006-070-267-2000-100-LIC1B	924	DEP	Boston	November 1, 1982	Plan Accompanying Petition of Metropolitan District commission To Regrade and Renourish Beach In Dorchester Bay At South Boston	1	Dorchester Bay	Beach Nourishment
006-070-271-0000-100	006-070-271-0000-100-LIC1A	7386	DEP	Boston	July 21, 1998	plans Accompanying Petition of MDC to Construct and Maintain Public Access Facilities Including Boardwalks and Beach Entrances and Reconstruct Sidewalks, Site Walls and Parking Lots.	25	Old Harbor to Pleasure Bay	Seawalls and Beach Renourishment
006-070-271-0000-100	006-070-271-0000-100-LIC1B	6634	DEP	Boston	June 13, 1997	Plans Accompanying Petition of MDC to Construct and Maintain Riprap Fishing Pier, Docking Facility and Beach Resanding at Old Harbor/Dorchester Bay in South Boston, Massachusetts	10	Old Harbor	Riprap and Beach Renourishment
006-070-271-0000-100	006-070-271-0000-100-LIC1C	945	DEP	Boston	December 17, 1982	Plan Accompanying Petition of MDC to Construct and Maintain Stone Revetment and Boat Float With Trestle and Gangway In Dorchester Bay	1	Dorchester Bay	Stone Revetment with Existing Granite Seawall
006-130-223-8001-100	006-130-223-8001-100-LIC1A	7417	DEP	Boston	November 10, 1998	Plan Accompanying Petition of Metropolitan District Commission for Inner Malibu Beaches. Boston Harbor, Boston Ma.	6	Boston Harbor	Beach Nourishment
006-130-340-0000-300	006-130-340-0000-300-LIC3A	3841	DEP	Boston	Apr-56	Proposed Fill at Savin Hill Cove Dorchester Bay of Boston Harbor	1	Dorchester Bay	Fill with Riprap Slope
006-130-344-8001-100	006-130-344-8001-100-LIC1A	4741	DEP	Boston	October 1963	Plan Accompanying Petition of Family City Development Corporation to Place Solid Fill with Stone Riprap Slopes Old Harbor Off Mount Vernon Street, Boston	1	Mount Vernon Street	Riprap Slope
006-160-022-6000-200	006-160-022-6000-200-LIC2A	1635	DEP	Boston	March 1987	Plans Accompanying Petition of Metropolitan District Commission to Construct and Maintain Timber Bridge and Dredging of Tenean Creek, Boston, MA	4	Tenean Creek	Riprap Slope
006-160-256-6000-100	006-160-256-6000-100-LIC1A	7414	DEP	Boston	November 6, 1998	Plan Accompanying Petition of Metropolitan District Commission For Tenean Beach, Pine Neck Creek, Boston Harbor, Boston, Massachusetts: Beach Nourishment, Bathhouse Relocation, New Playground, Path Upgrades, Repairs To Recreational Facilities	4	Tenean Beach	Coastal Beach



PLAN ACCOMPANYING PETITION OF

CITY OF BOSTON

TO DREDGE, CONSTRUCT A STONE DIKE, A STRUCTURAL BULKHEAD, FILL, REBUILD AND RESHAPE EXISTING SEAWALL AND REMOVE EXISTING PILE PIER AND MAINTAIN EXISTING FILL AND STRUCTURES IN BOSTON HARBOR FOR SITE CONTAINMENT AT THE SITE OF PROPOSED BARNES MIDDLE SCHOOL IN EAST BOSTON, MASSACHUSETTS.

DATE _____

COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN
No. 13171
REGISTERED PROFESSIONAL ENGINEER

SHEET 1 OF 2

LICENSE PLAN NO. 6242

APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS

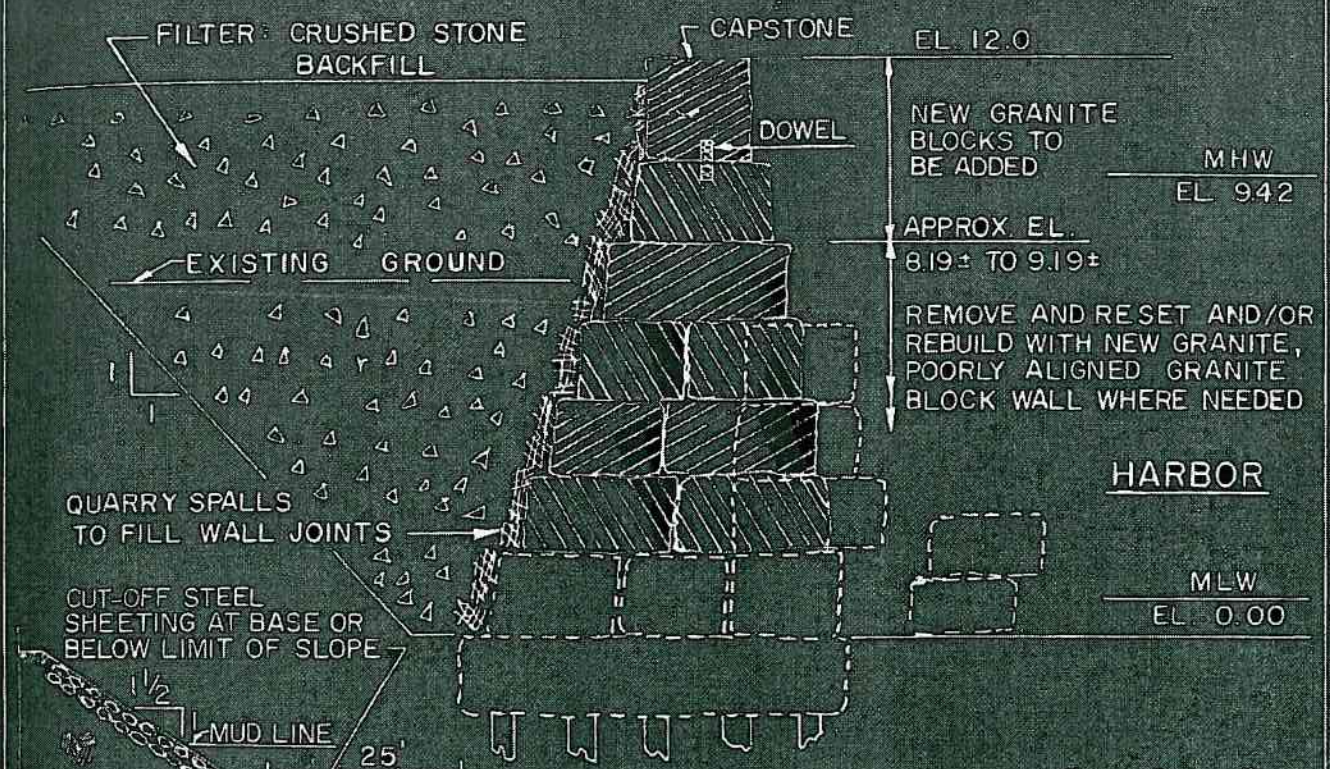
MAY 22, 1974

COMMISSIONER - DEPT. OF PUBLIC WORKS

ASSOCIATE COMMISSIONERS

006-012-366-8000-100

006-010-366-8000-100



SECTION 2-2
REPAIR OF SEAWALL

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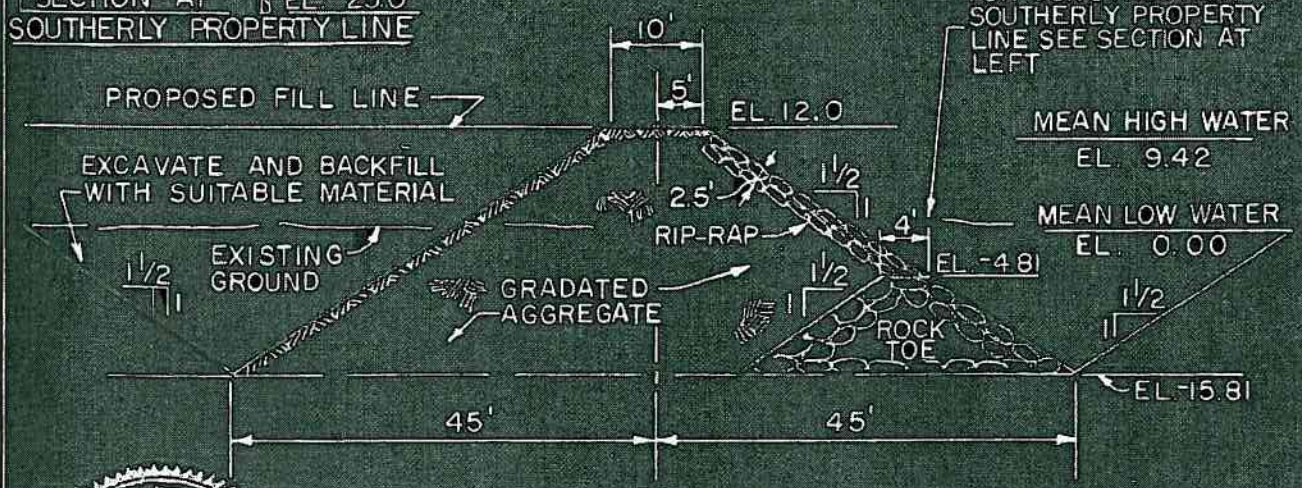
SCALE IN FEET



SECTION 1-1
STONE DIKE

0 10 20
SCALE IN FEET

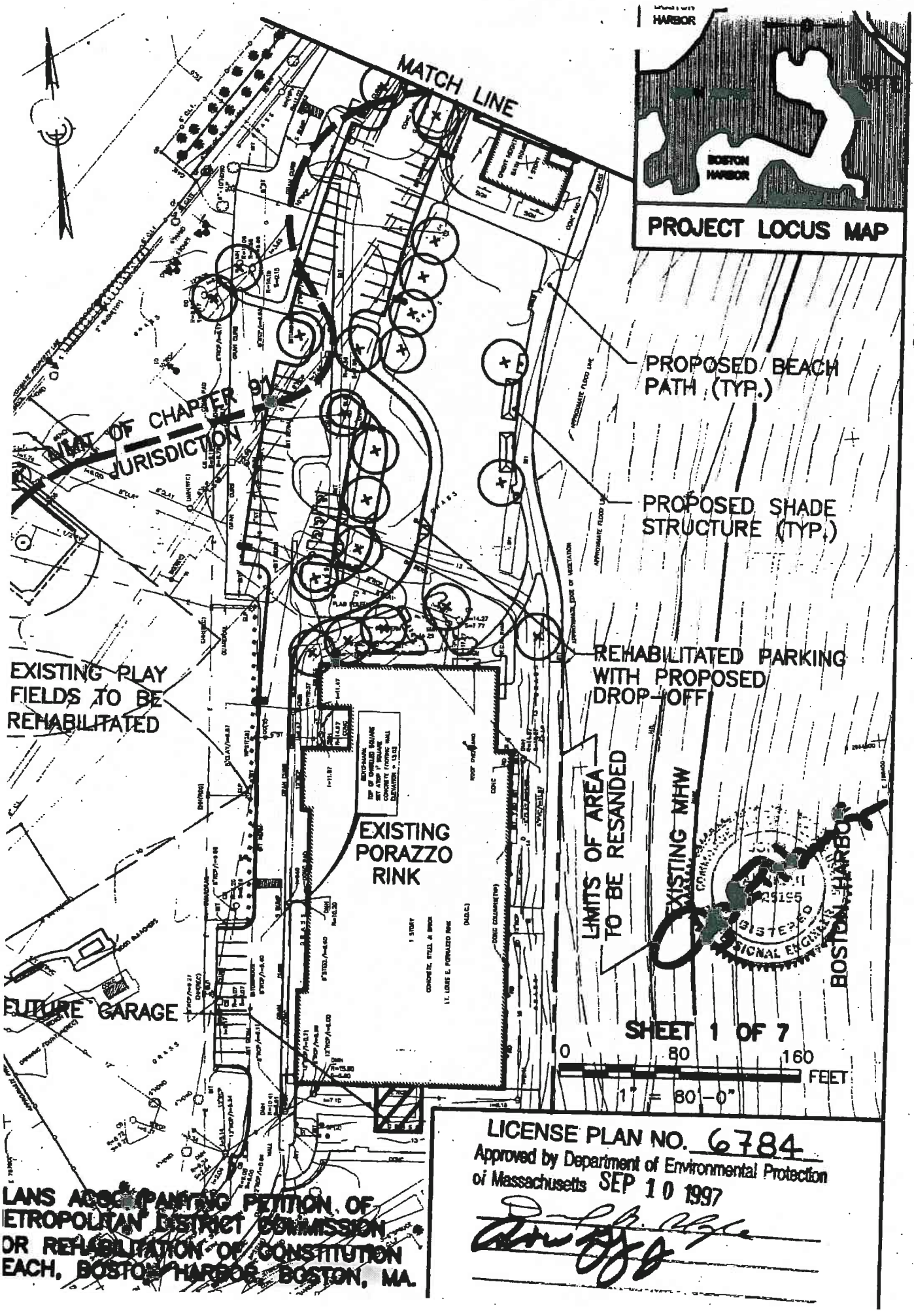
COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN
No. 13171
REGISTERED PROFESSIONAL ENGINEER

William McQueen

LICENSE PLAN NO. 6242
APPROVED BY DEPARTMENT OF [illegible]
MAY 22, 1974

DATE _____

SHEET 2 OF 2



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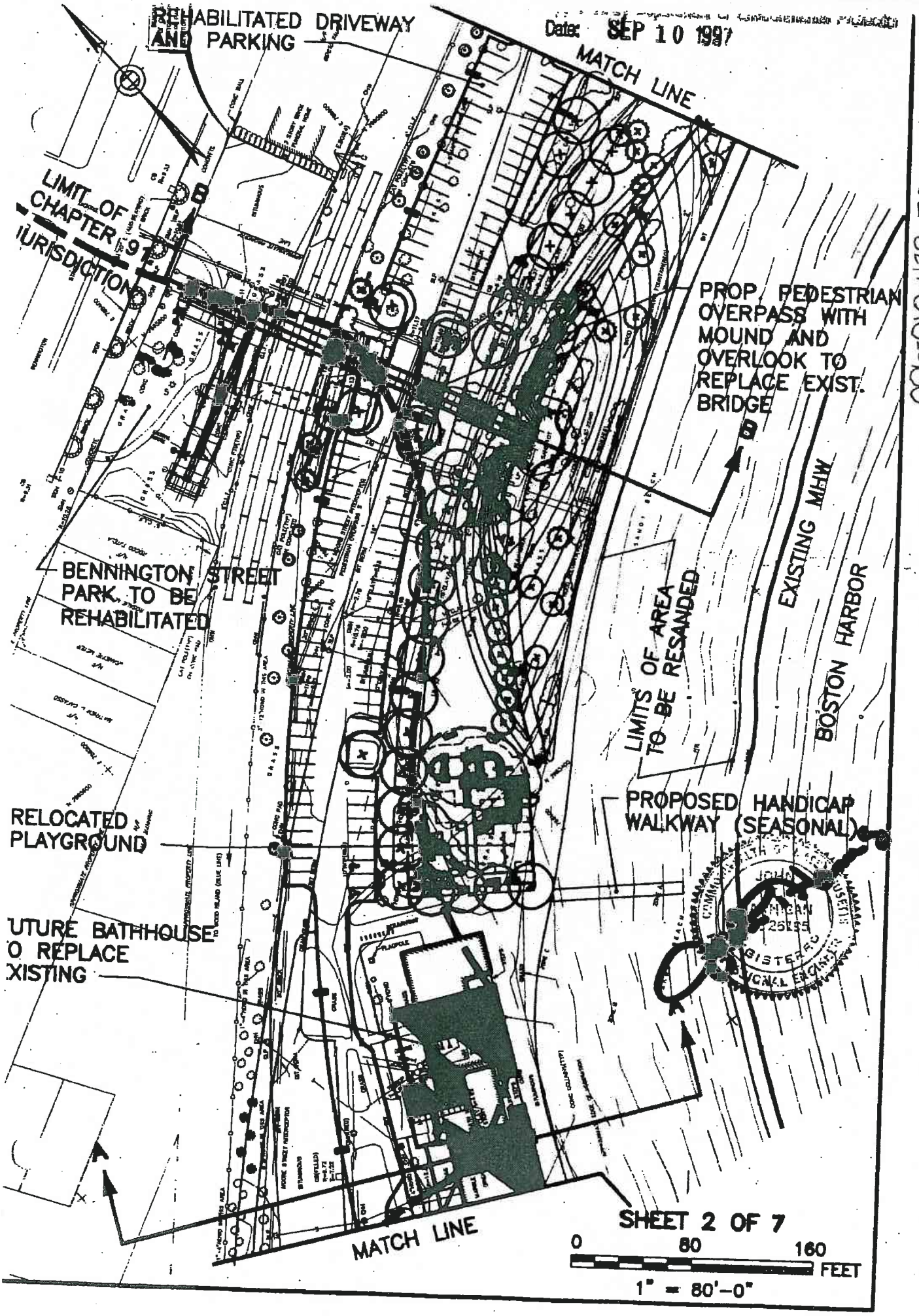
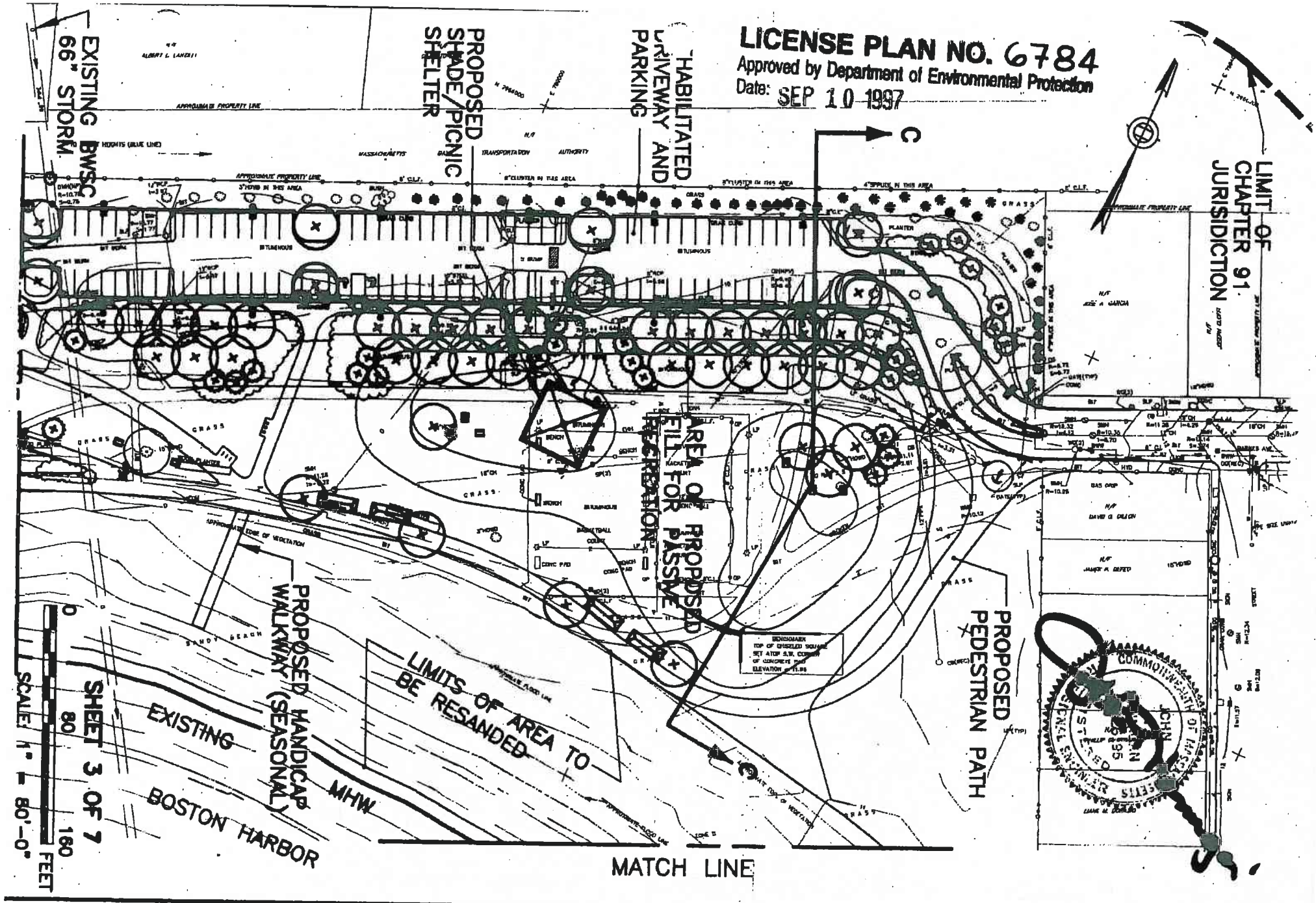
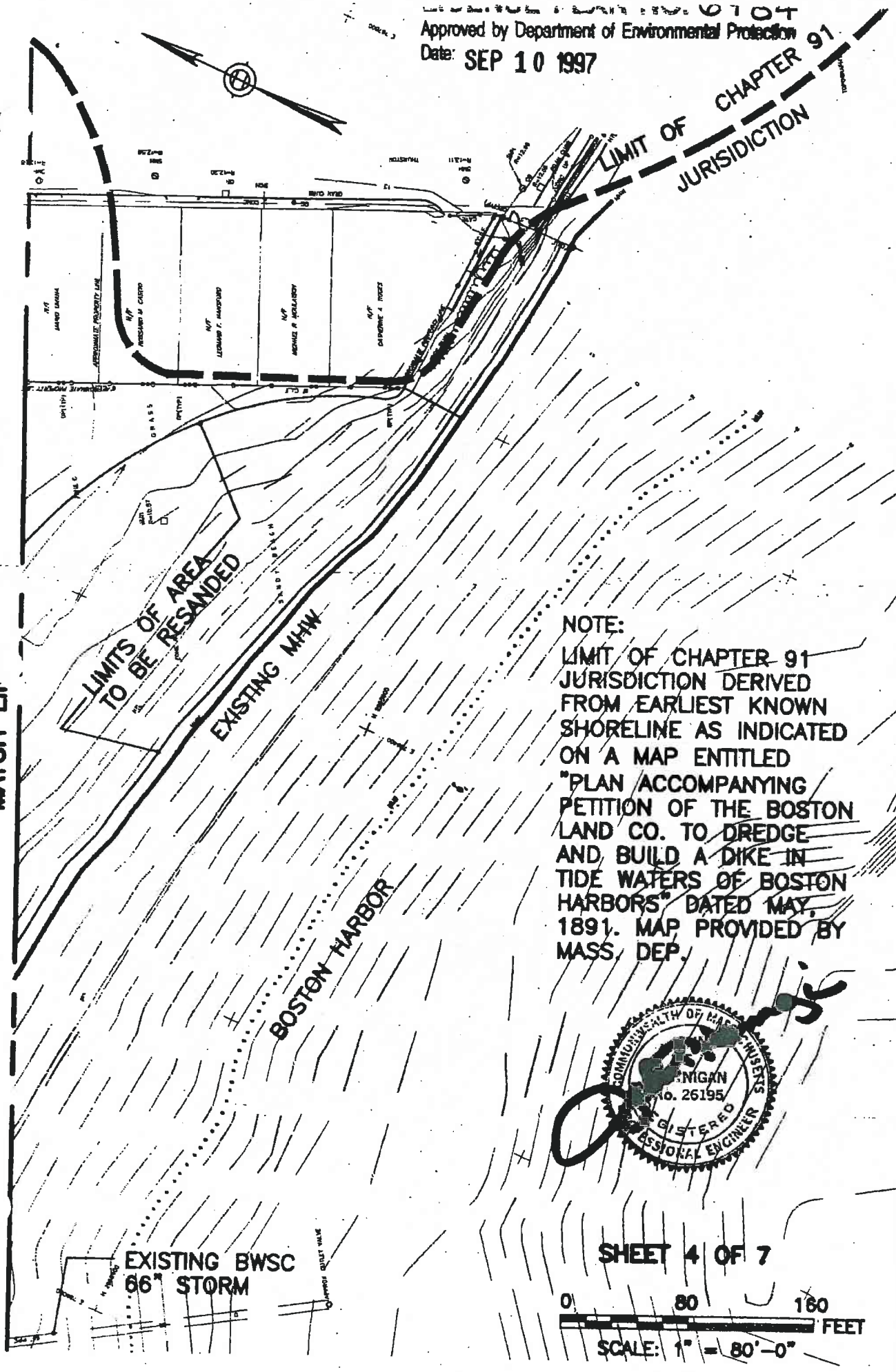
8487-4133



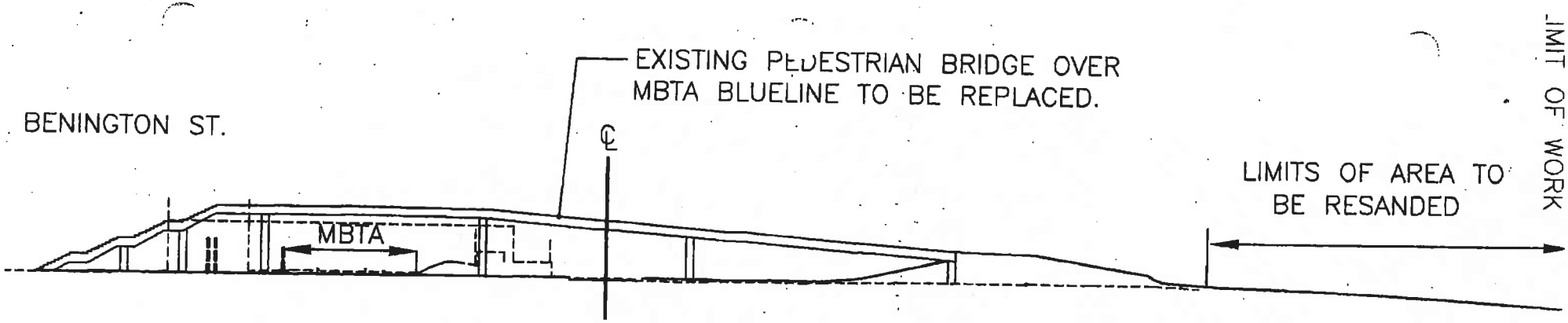
006-010-438-7002-100



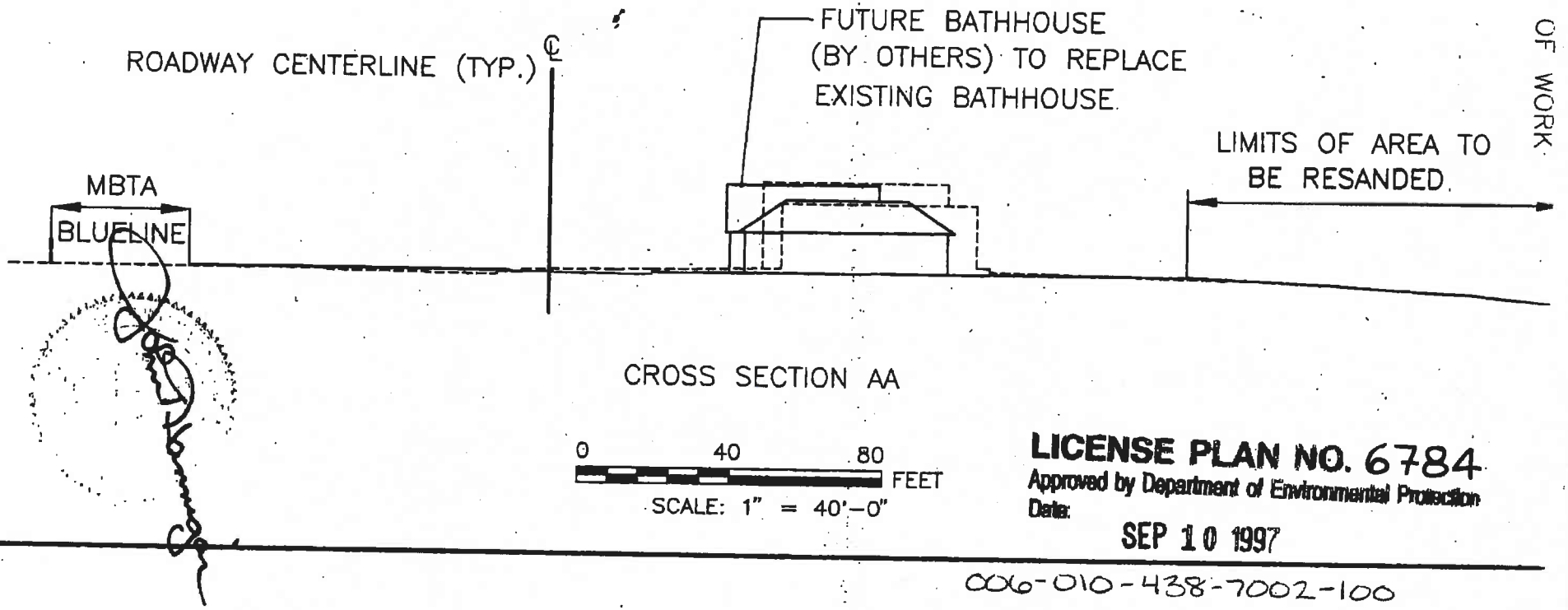
006-010-438-7002-100



006-010-438-7002-100



CROSS SECTION BB



CROSS SECTION AA

0 40 80 FEET

SCALE: 1" = 40'-0"

LICENSE PLAN NO. 6784

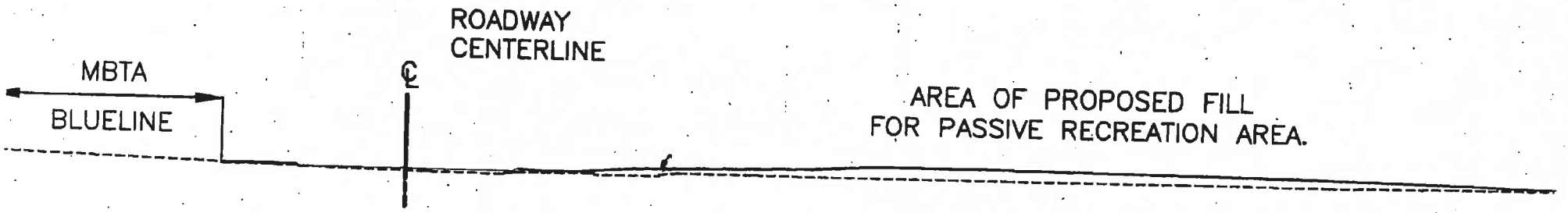
Approved by Department of Environmental Protection

Date:

SEP 10 1997

006-010-438-7002-100

SHEET 5 OF 7



CROSS SECTION CC

SHEET 6 OF 7

0 40 80 FEET

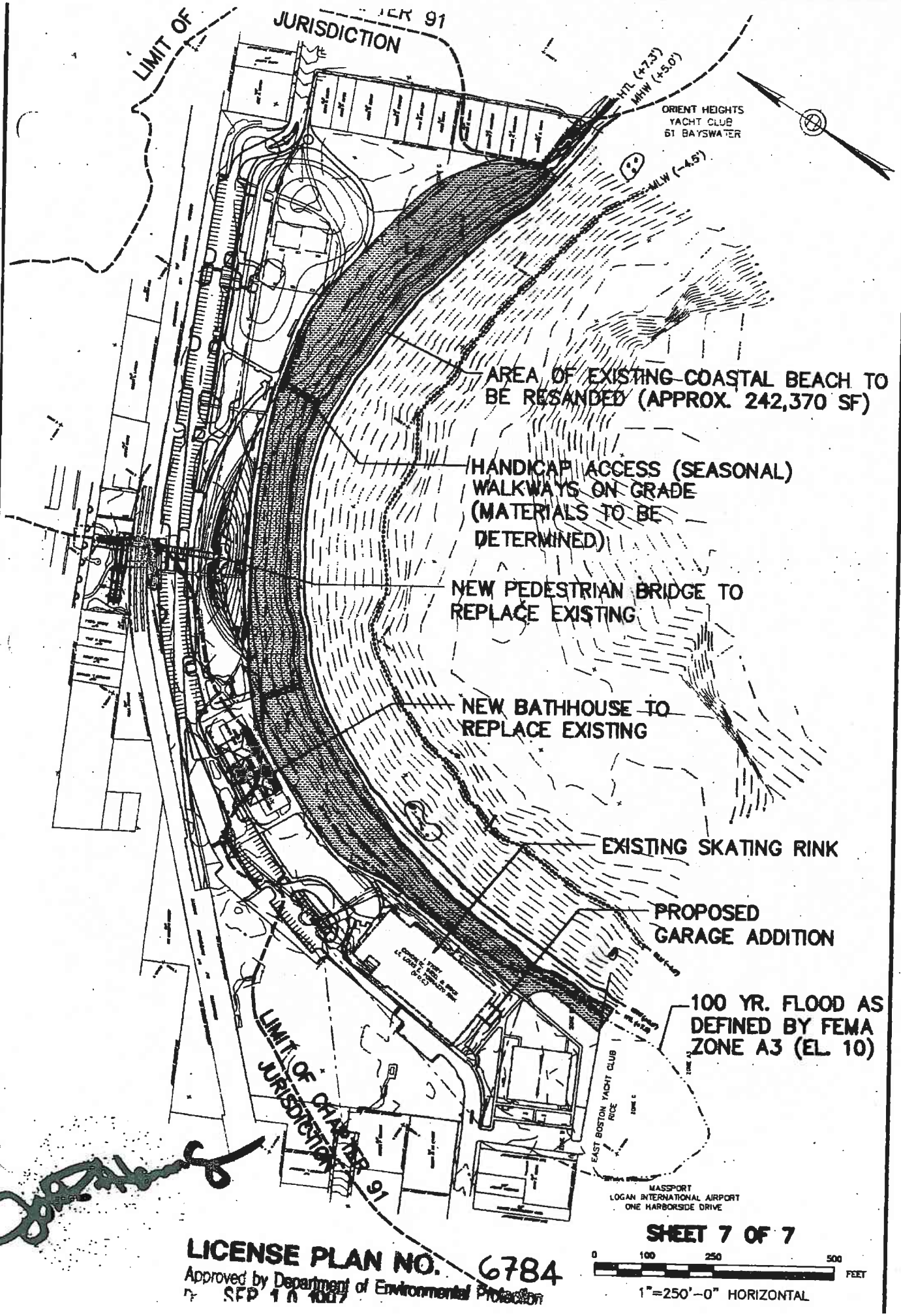
SCALE: 1" = 40'-0"

006-010-438-7002-100

LICENSE PLAN NO. 6784

Approved by Department of Environmental Protection

SEP 10 1997



006-010-438-7002-100

SHEET 7 OF 7

0 100 250 500 FEET

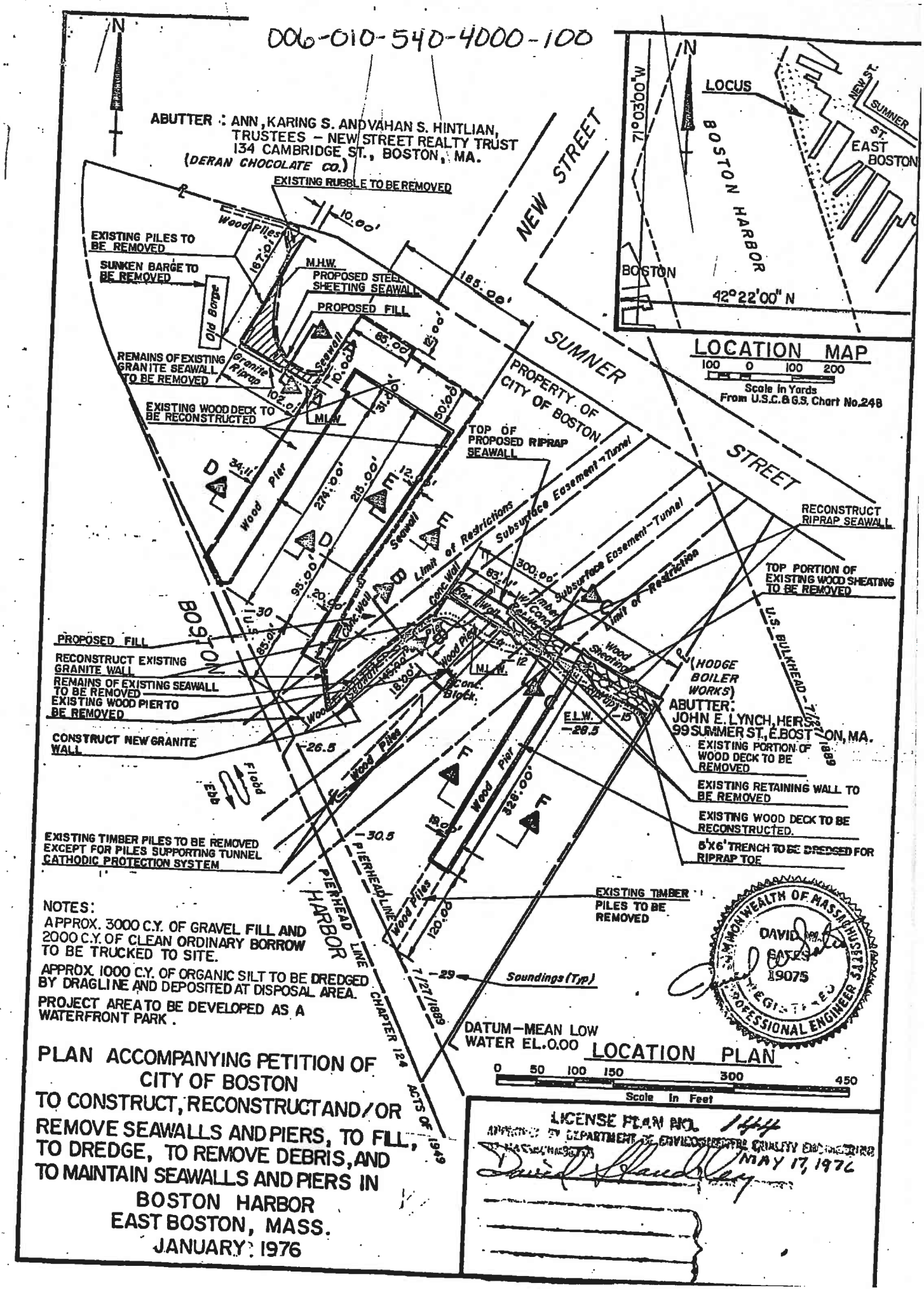
1"=250'-0" HORIZONTAL

LICENSE PLAN NO. 6784

Approved by Department of Environmental Protection

SEP 10 1997

006-010-540-4000-100



NOTES:

APPROX. 3000 C.Y. OF GRAVEL FILL AND 2000 C.Y. OF CLEAN ORDINARY BORROW TO BE TRUCKED TO SITE.

APPROX. 1000 C.Y. OF ORGANIC SILT TO BE DREDGED BY DRAGLINE AND DEPOSITED AT DISPOSAL AREA.

PROJECT AREA TO BE DEVELOPED AS A WATERFRONT PARK.

PLAN ACCOMPANYING PETITION OF CITY OF BOSTON TO CONSTRUCT, RECONSTRUCT AND/OR REMOVE SEAWALLS AND PIERS, TO FILL, TO DREDGE, TO REMOVE DEBRIS, AND TO MAINTAIN SEAWALLS AND PIERS IN BOSTON HARBOR EAST BOSTON, MASS.

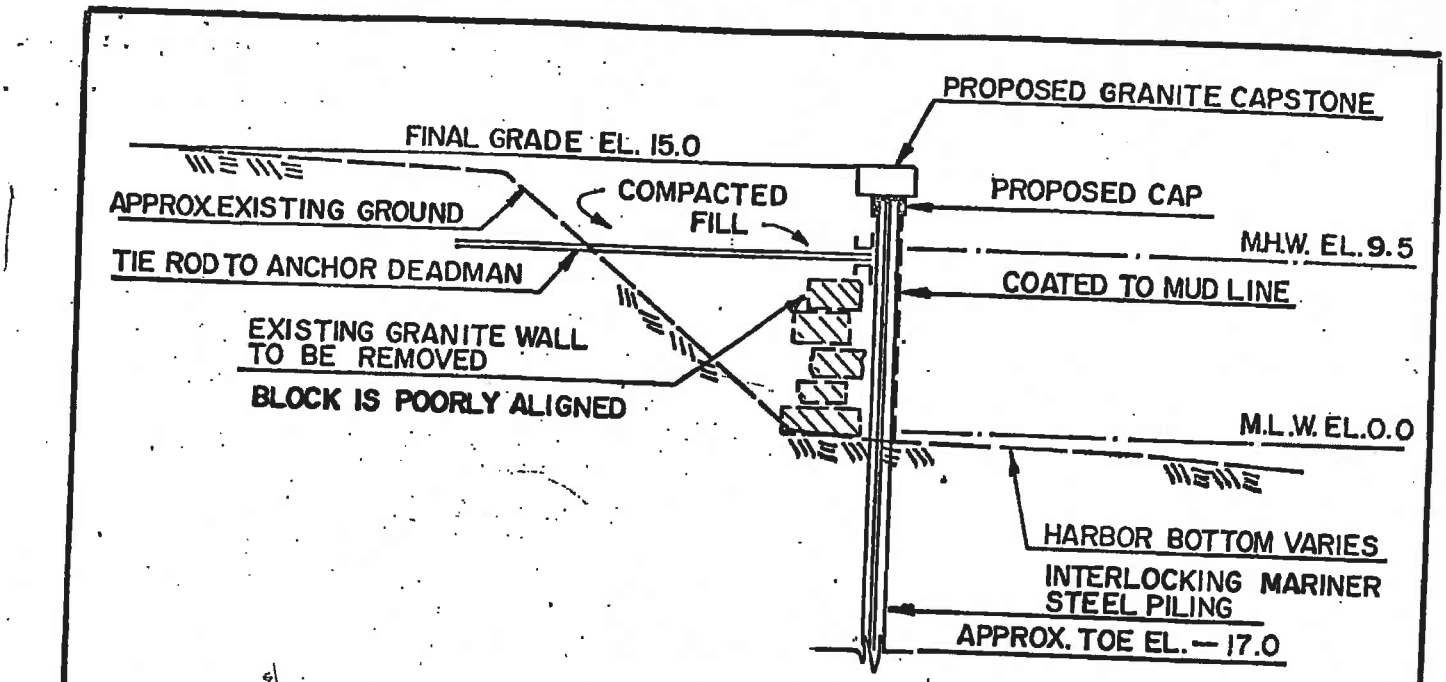
JANUARY 1976

LICENSE PLAN NO. 1444

APPROVED BY DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING

COMMONWEALTH OF MASSACHUSETTS

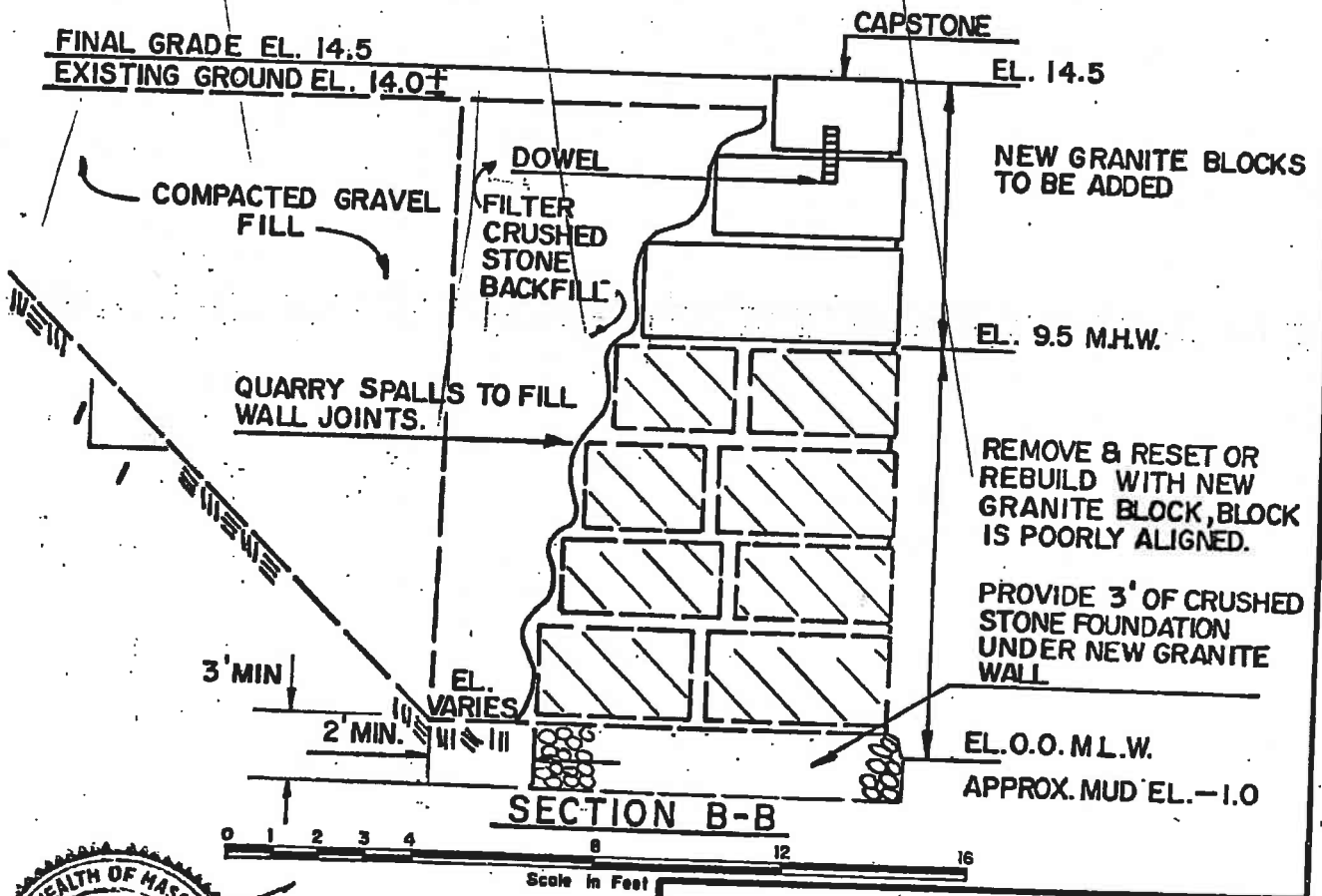
MAY 17, 1976



SECTION A–A

0 5 10 20 30

Scale in Feet



SECTION B-B

0 1 2 3 4 8 12 16

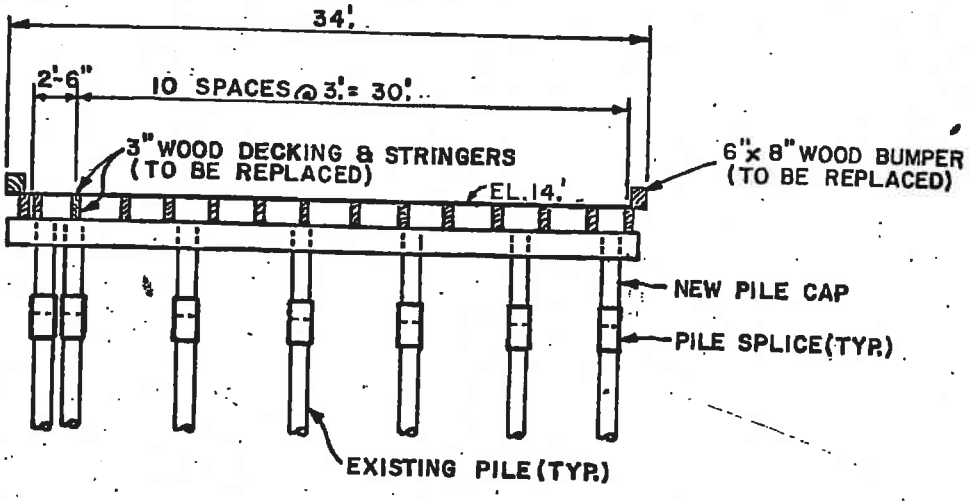
Scale in Feet

COMMONWEALTH OF MASSACHUSETTS
DAVID W.
19075
REGISTERED PROFESSIONAL ENGINEER

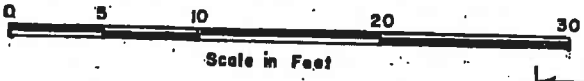
LICENSE PLAN NO. 144

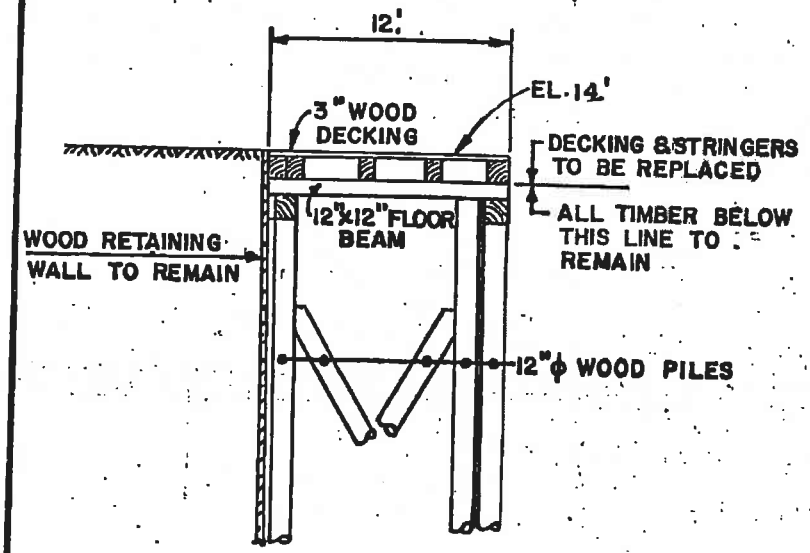
Approved by Department of Environmental Quality Engineering

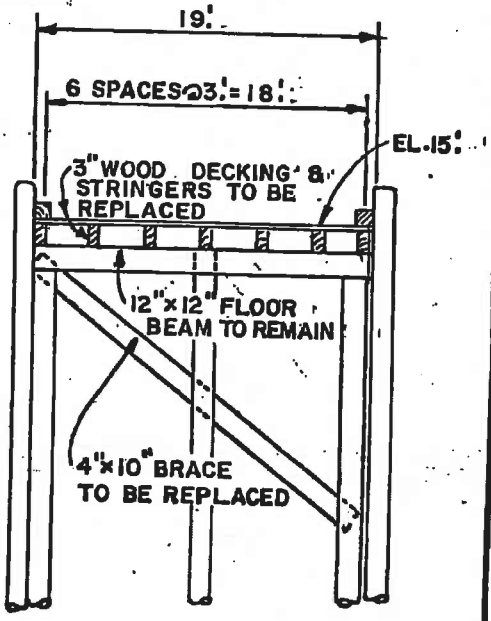
MAY 17, 1976



SECTION D-D



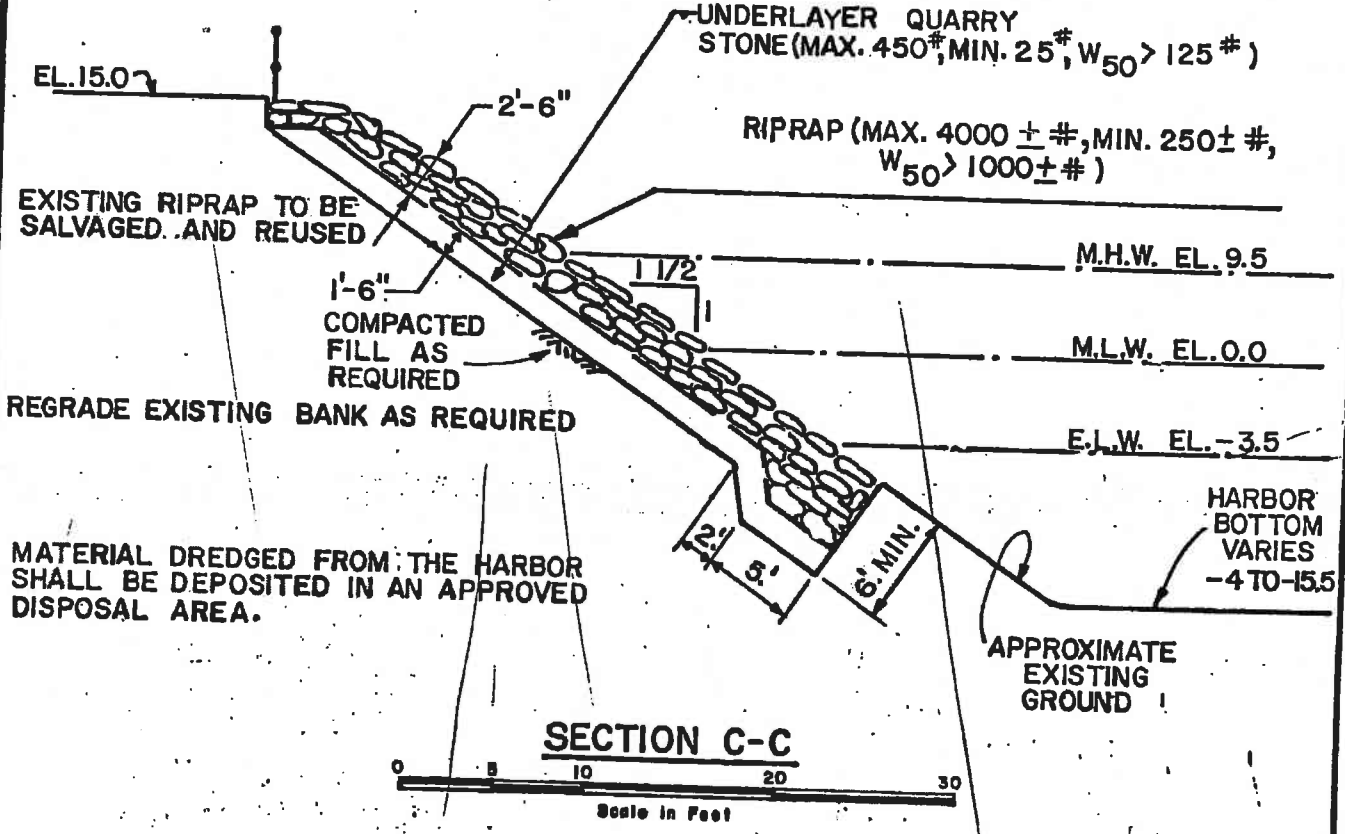




SECTION E-E

SECTION F-F

LICENSE PLAN NO. 144
Approved by Department of Environmental Quality Engineering
MAY 17, 1976



SECTION C-C

0 5 10 20 30

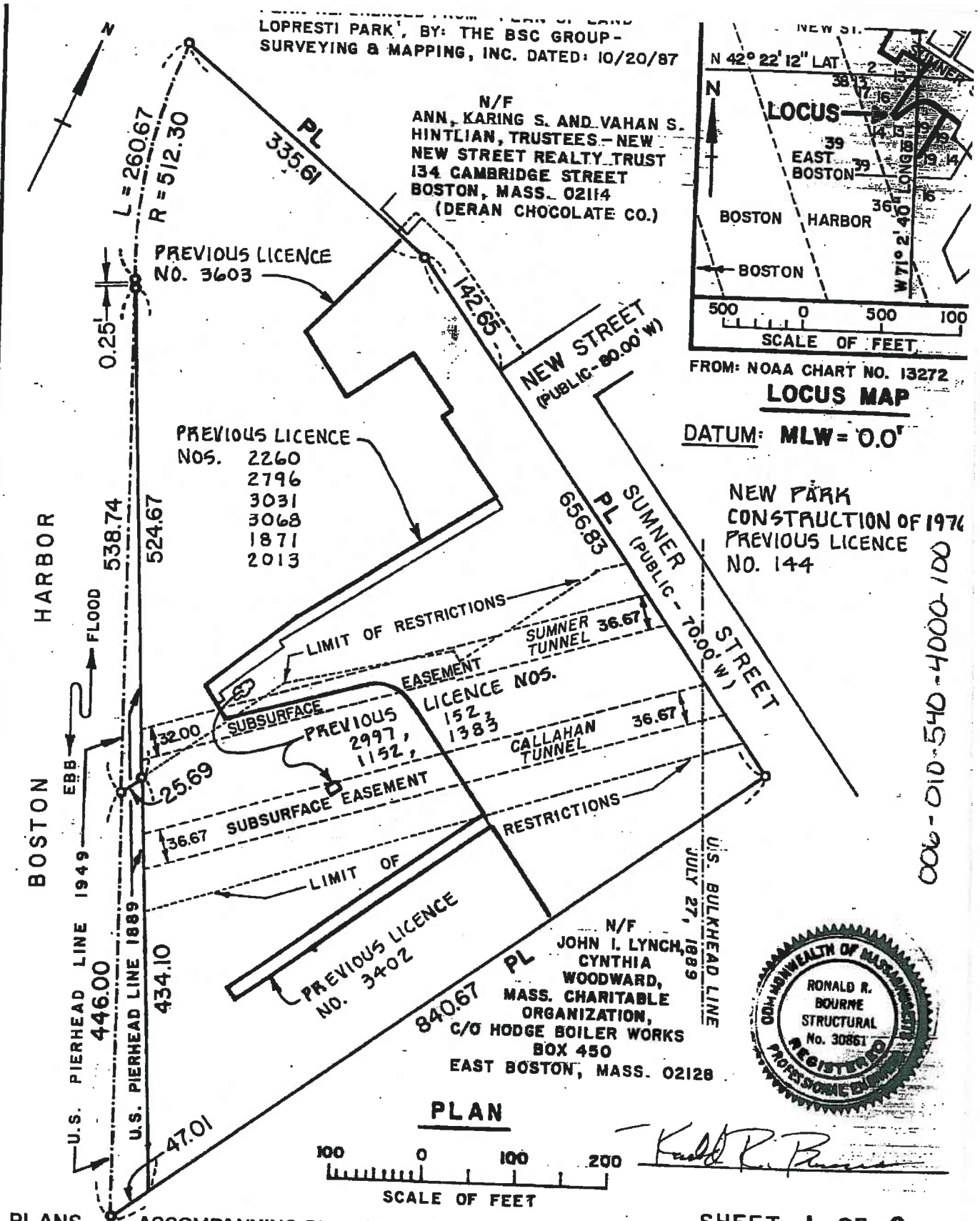
Scale in Feet

COMMONWEALTH OF MASSACHUSETTS
DAVID W. GATES
15075
REGISTERED PROFESSIONAL ENGINEER

LICENSE PLAN NO. 144

Approved by Department of Environmental Quality Engineering

MAY 17, 1976



PLANS ACCOMPANYING PETITION OF

CITY OF BOSTON

TO CONSTRUCT AND MAINTAIN RIPRAP SLOPES, EXCAVATION, DREDGE, FILL AND PILE SUPPORTED PIER

AT LOPRESTI PARK – EAST BOSTON

IN BOSTON HARBOR, CITY OF BOSTON

COUNTY OF SUFFOLK, MASSACHUSETTS

SEPTEMBER 1990

SHEET 1 OF 9

LICENSE PLAN NO. 2711

Approved by Department of Environmental Protection of Massachusetts

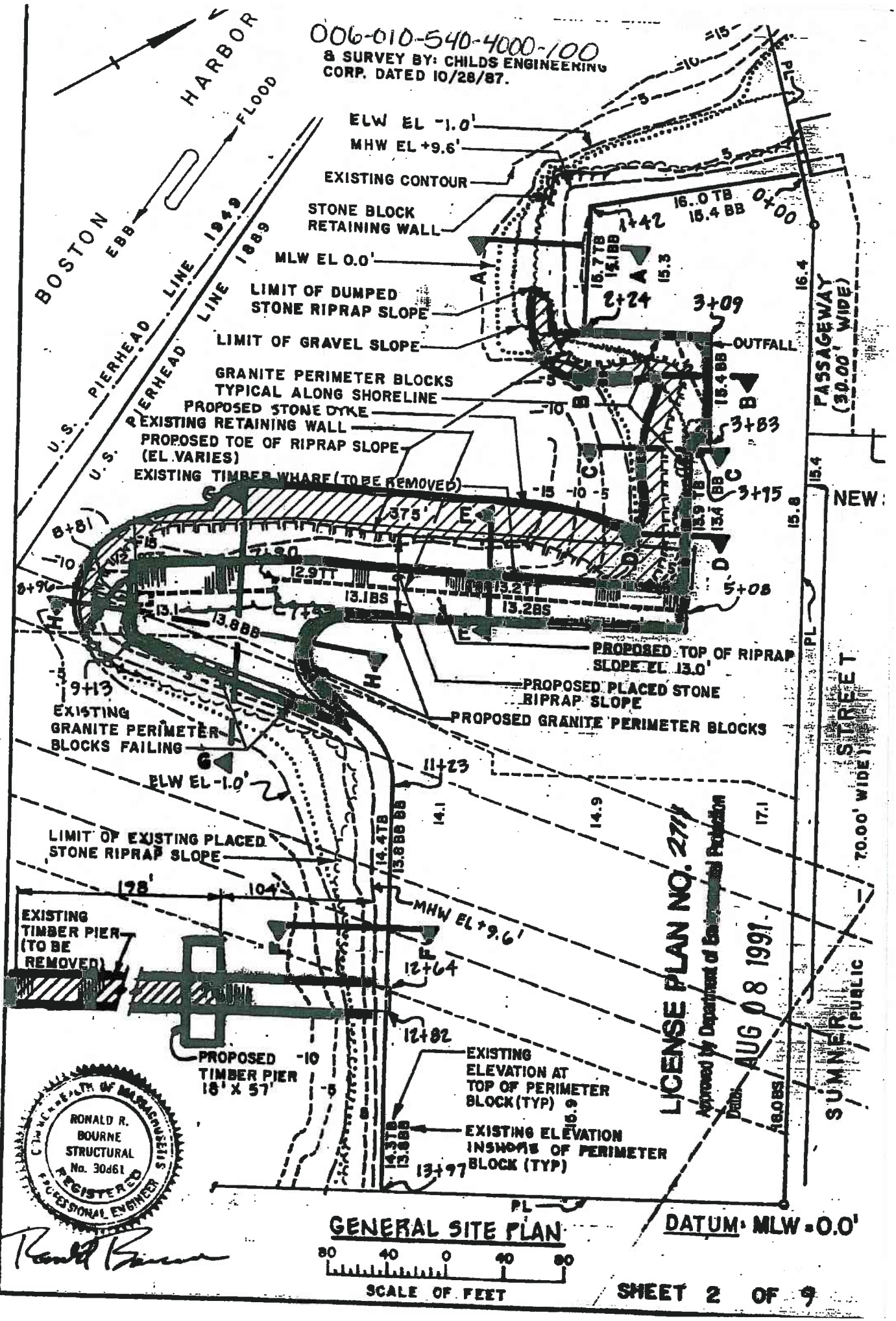
COMMISSIONER

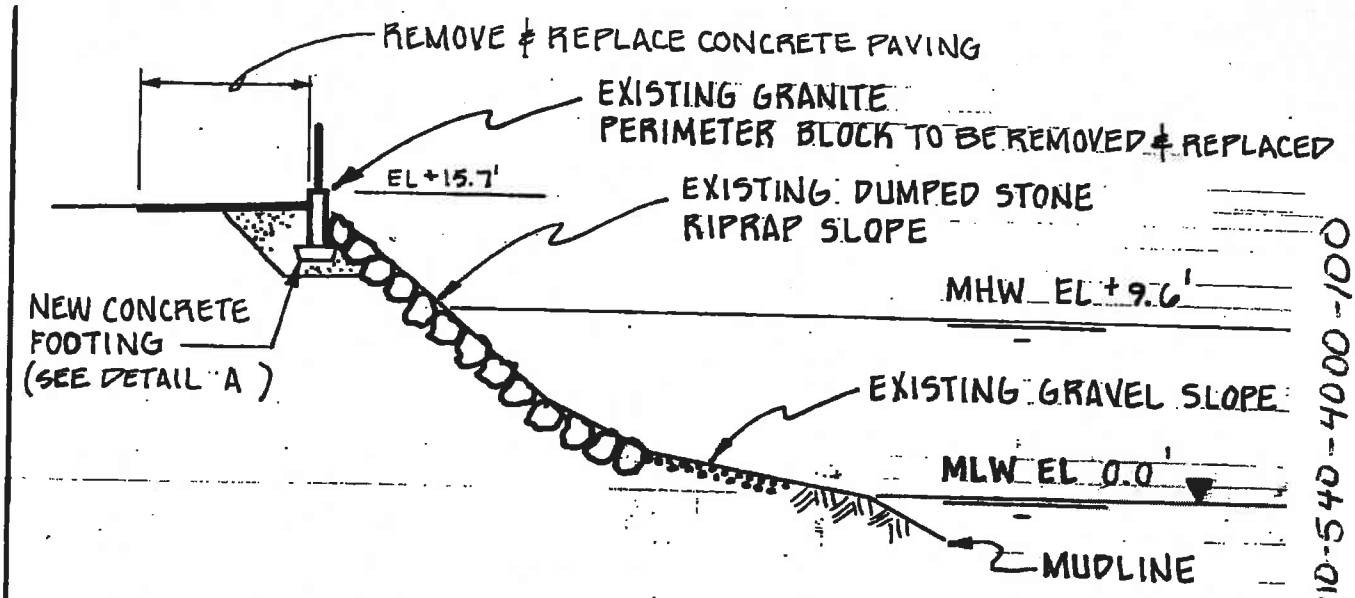
DIVISION DIRECTOR

SECTION CHIEF

AUG 08 1991

DATE

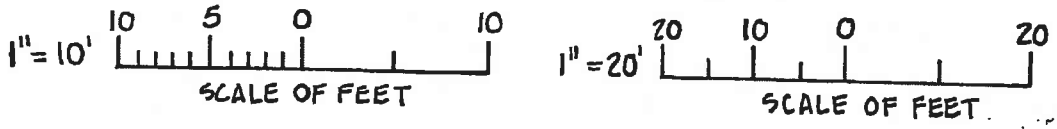

006-010-540-4000-100
& SURVEY BY: CHILDS ENGINEERING CORP. DATED 10/28/87.
BOSTON HARBOR
EBB
FLOOD
U.S. PIERHEAD LINE 1949
U.S. PIERHEAD LINE 1889
ELW EL -1.0'
MHW EL +9.6'
EXISTING CONTOUR
STONE BLOCK RETAINING WALL
MLW EL 0.0'
LIMIT OF DUMPED STONE RIPRAP SLOPE
LIMIT OF GRAVEL SLOPE
GRANITE PERIMETER BLOCKS TYPICAL ALONG SHORELINE
PROPOSED STONE DYKE
EXISTING RETAINING WALL
PROPOSED TOE OF RIPRAP SLOPE (EL VARIES)
EXISTING TIMBER WHARF (TO BE REMOVED)
OUTFALL
PASSAGEWAY (30.00' WIDE)
NEW
SUMNER STREET (PUBLIC)
70.00' WIDE
PROPOSED TOP OF RIPRAP SLOPE EL 13.0'
PROPOSED PLACED STONE RIPRAP SLOPE
PROPOSED GRANITE PERIMETER BLOCKS
EXISTING GRANITE PERIMETER BLOCKS FAILING
LIMIT OF EXISTING PLACED STONE RIPRAP SLOPE
EXISTING TIMBER PIER (TO BE REMOVED)
PROPOSED TIMBER PIER 18' X 57'
EXISTING ELEVATION AT TOP OF PERIMETER BLOCK (TYP)
EXISTING ELEVATION INSHORE OF PERIMETER BLOCK (TYP)
PL
LICENSE PLAN NO. 2714
Approved by Department of Environmental Protection
Date: AUG 08 1991
COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30661
REGISTERED
PROFESSIONAL ENGINEER
GENERAL SITE PLAN
DATUM: MLW = 0.0'
80 40 0 40 80
SCALE OF FEET
SHEET 2 OF 9

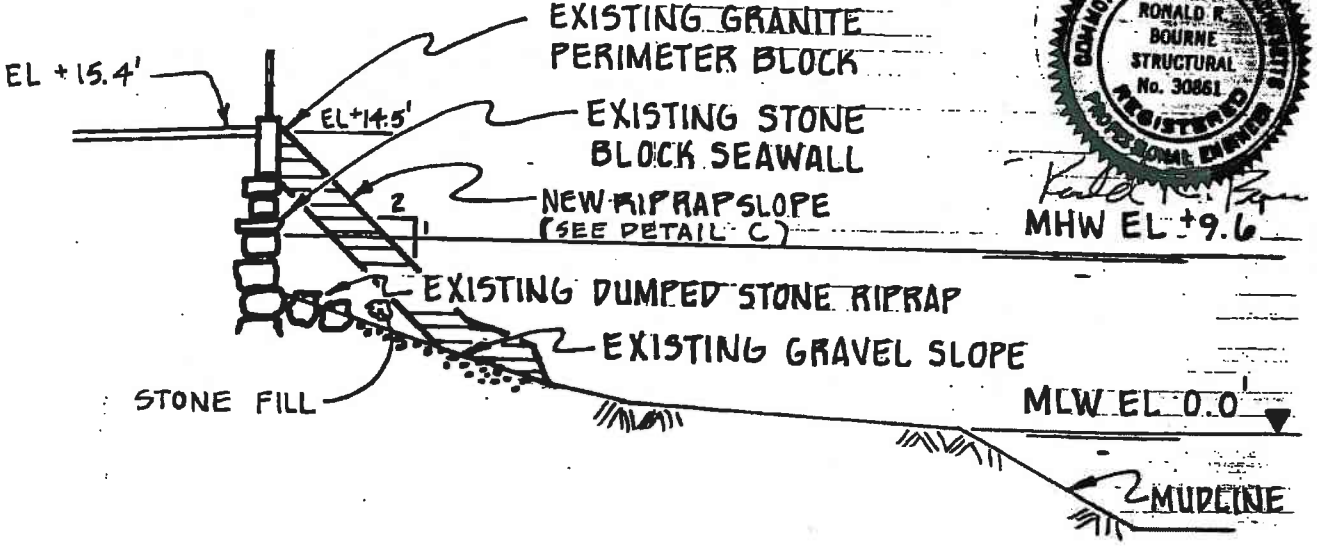


006-010-040-010-900

SECTION A-A (STA 0+00 TO 2+23.6)

SCALES: HOR 1" = 20'
VERT 1" = 10'





COMMONWEALTH OF MASSACHUSETTS
RONALD F. BOURNE
STRUCTURAL
No. 30861
REGISTERED PROFESSIONAL ENGINEER

SECTION B-B (STA 2+23.6 TO 3+82.8) (STA 4+07 TO 4+59)

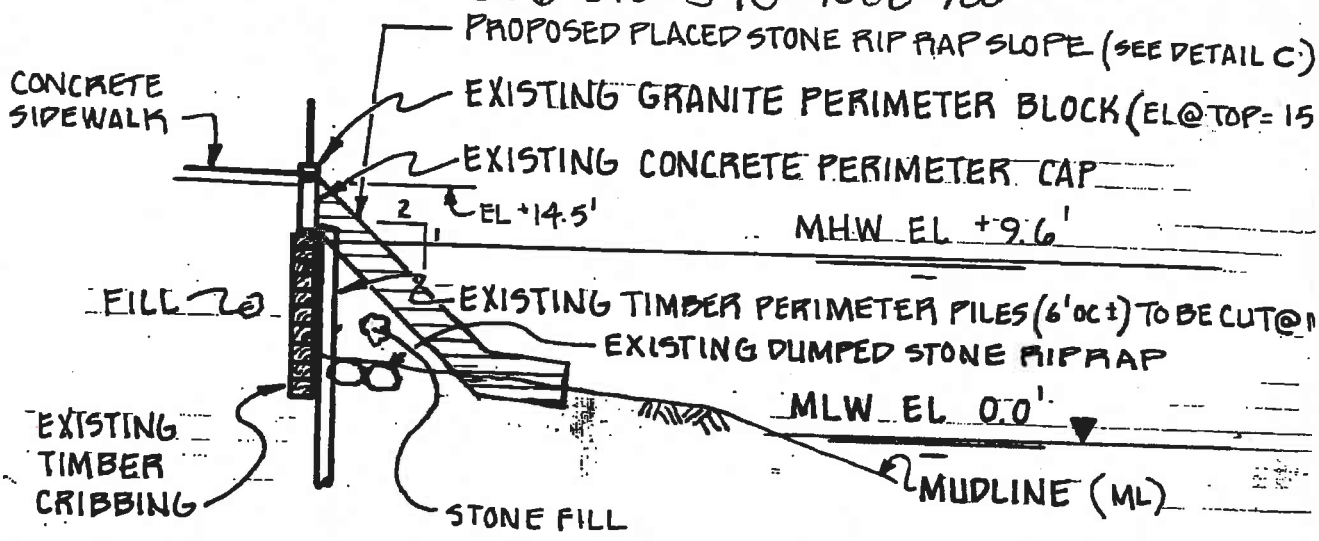
SCALES: HOR 1" = 20'
VERT 1" = 10'

LICENSE PLAN NO. 2711

Approved by Department of Environmental Protection

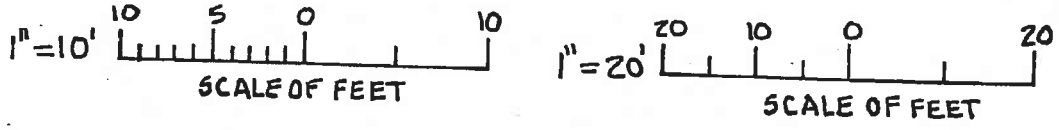
Date: AUG 08 1991

006-010-540-4000-100

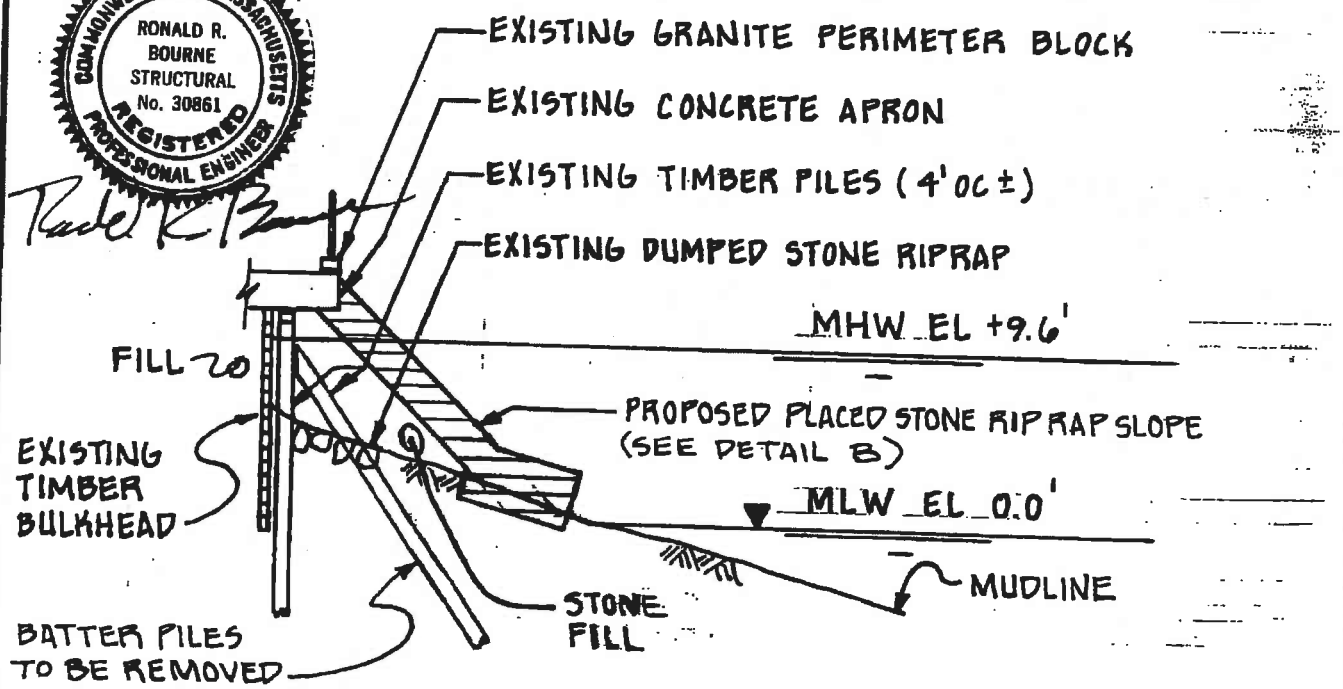


SECTION C-C (STA 3+82.8 TO 4+07)

SCALES: HOR 1" = 20'
VERT 1" = 10'



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

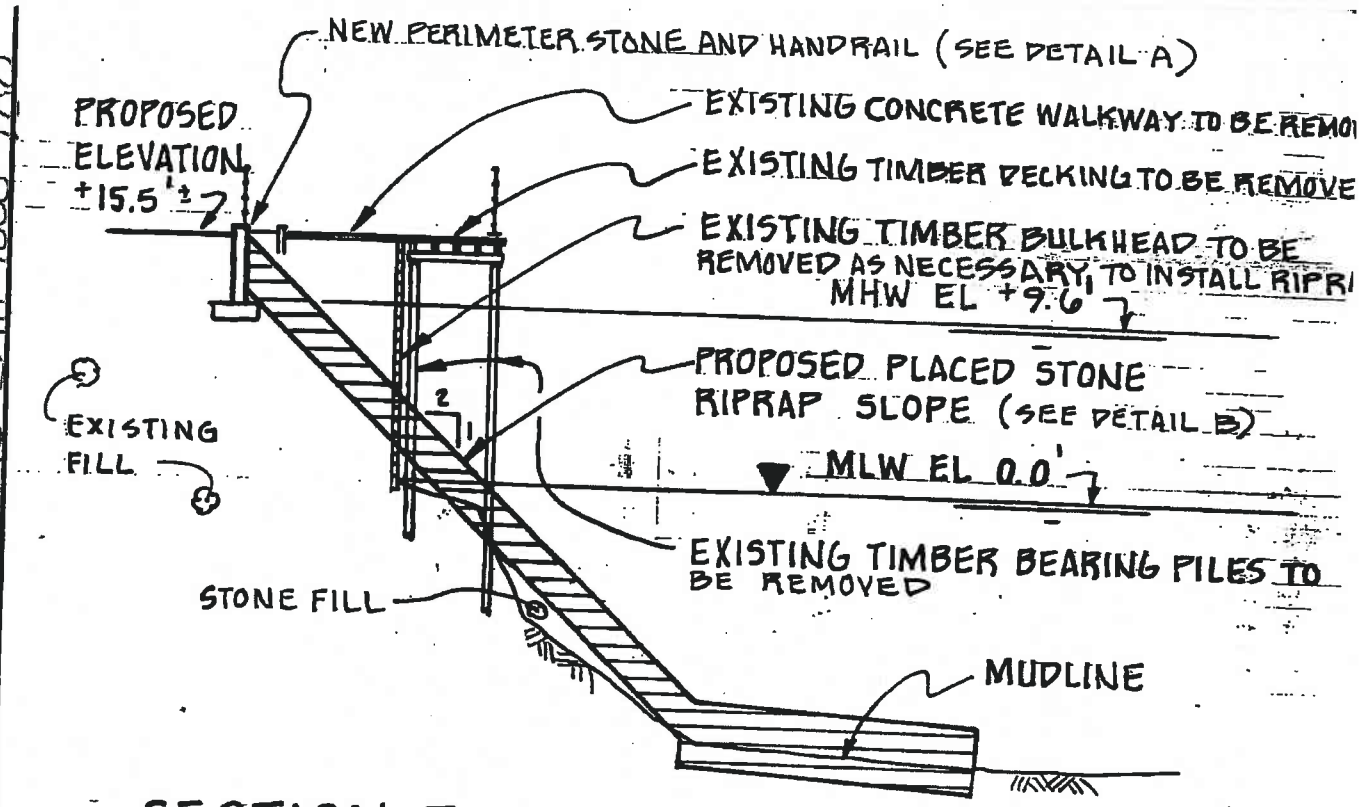


SECTION D-D (STA 4+59 TO 5+08)

SCALES: HOR 1" = 20'
VERT 1" = 10'

LICENSE PLAN NO. 2711
Approved by Department of Environmental Protection
Date: AUG 08 1991

00-010-540-4000-102

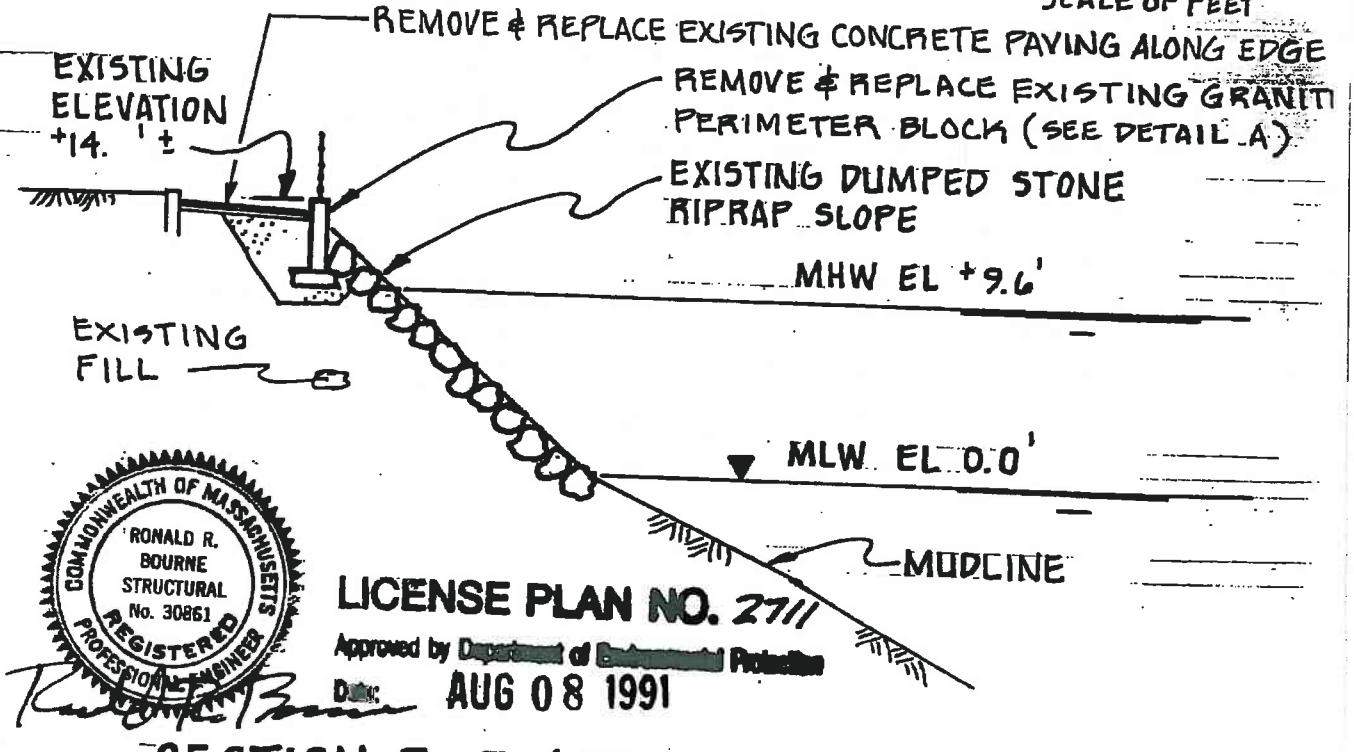


SECTION E-E (STA 5+44 TO 6+90)

SCALES: HOR 1" = 20'
VERT 1" = 10'

1" = 10' — 10 5 0 10 — SCALE OF FEET

1" = 20' — 20 10 0 20 — SCALE OF FEET



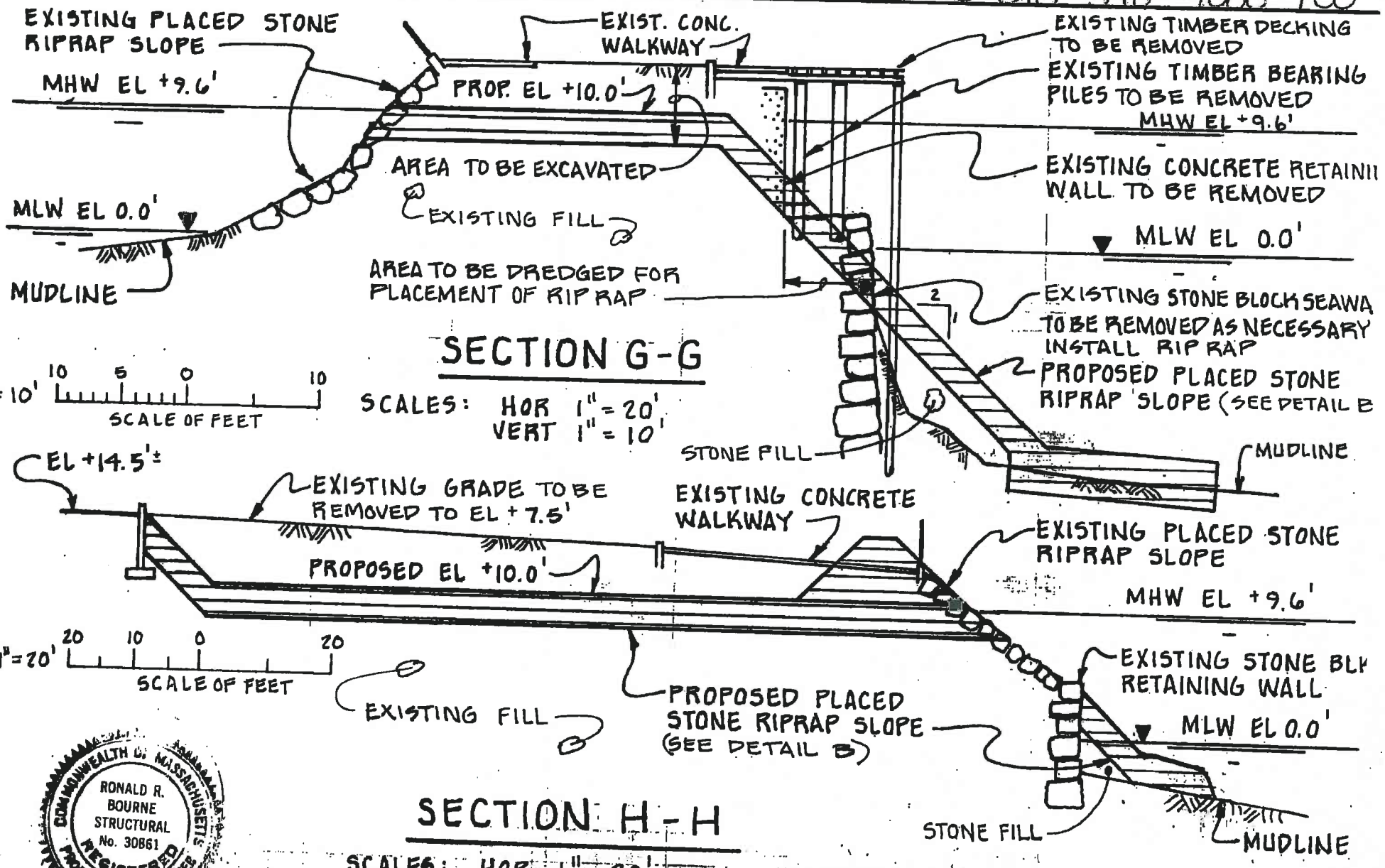
COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED PROFESSIONAL ENGINEER

LICENSE PLAN NO. 2711
Approved by Department of Environmental Protection
Date: AUG 08 1991

SECTION F-F (STA 10+75 TO 13+97)

SCALES: HOR 1" = 20'
VERT 1" = 10'

006-010-540-4000-100



SHEET 6 OF 6

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED PROFESSIONAL ENGINEER

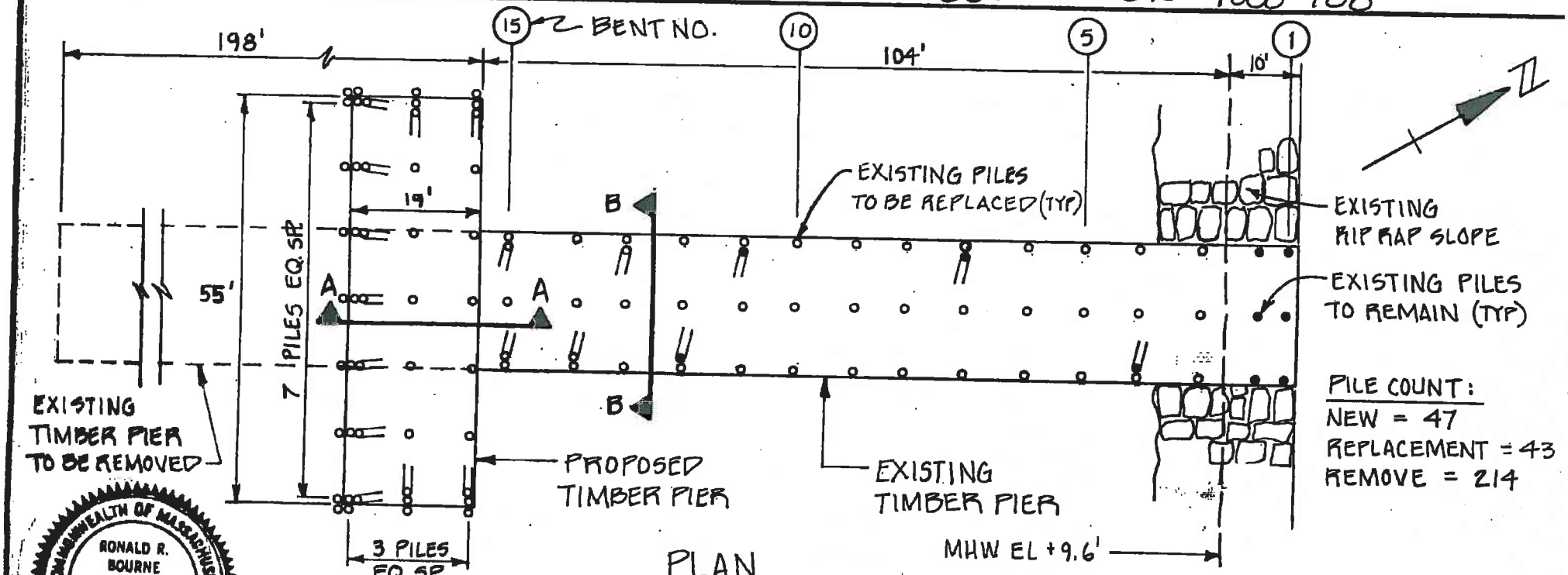
Ronald R. Bourne

LICENSE PLAN NO. 2711

Approved by Department of Environmental Protection

Date: AUG 08 1991

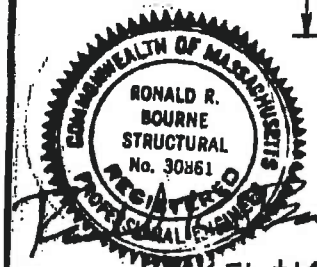
006-010-540-4000-100

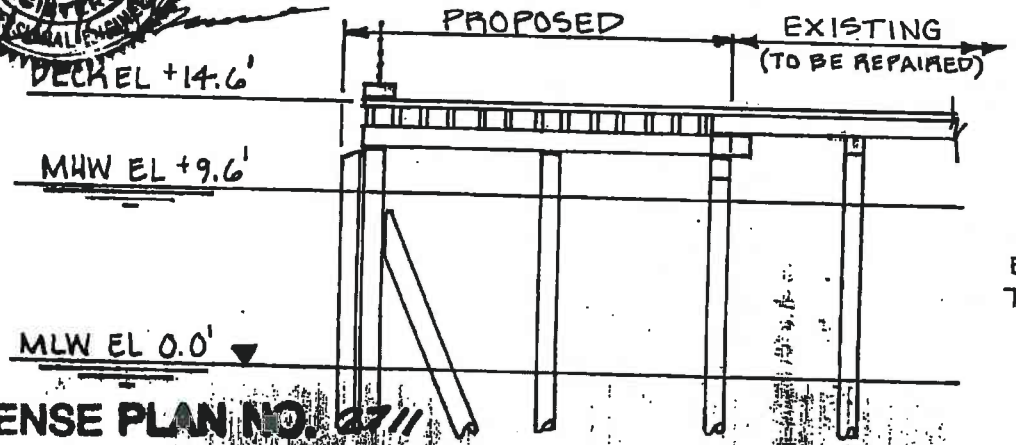


PILE COUNT:
NEW = 47
REPLACEMENT = 43
REMOVE = 214

PLAN
SCALE: 1" = 20'

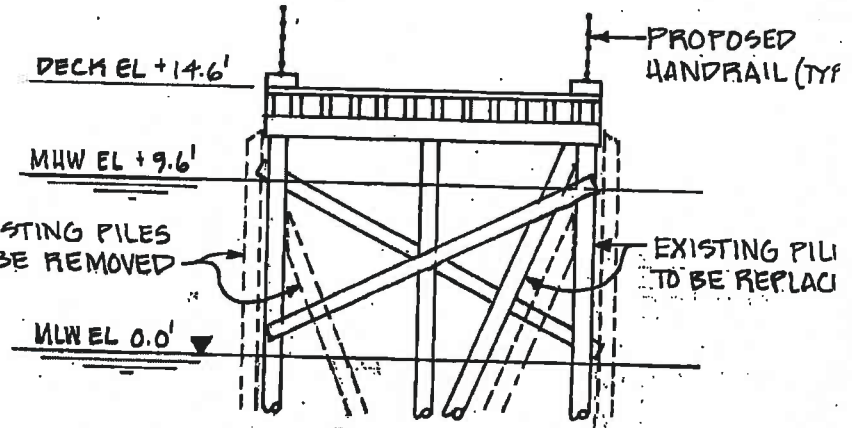
20 10 0 20
SCALE OF FEET





SECTION A-A
SCALE: 1" = 10'

10 5 0 10



SECTION B-B
SCALE: 1" = 10'

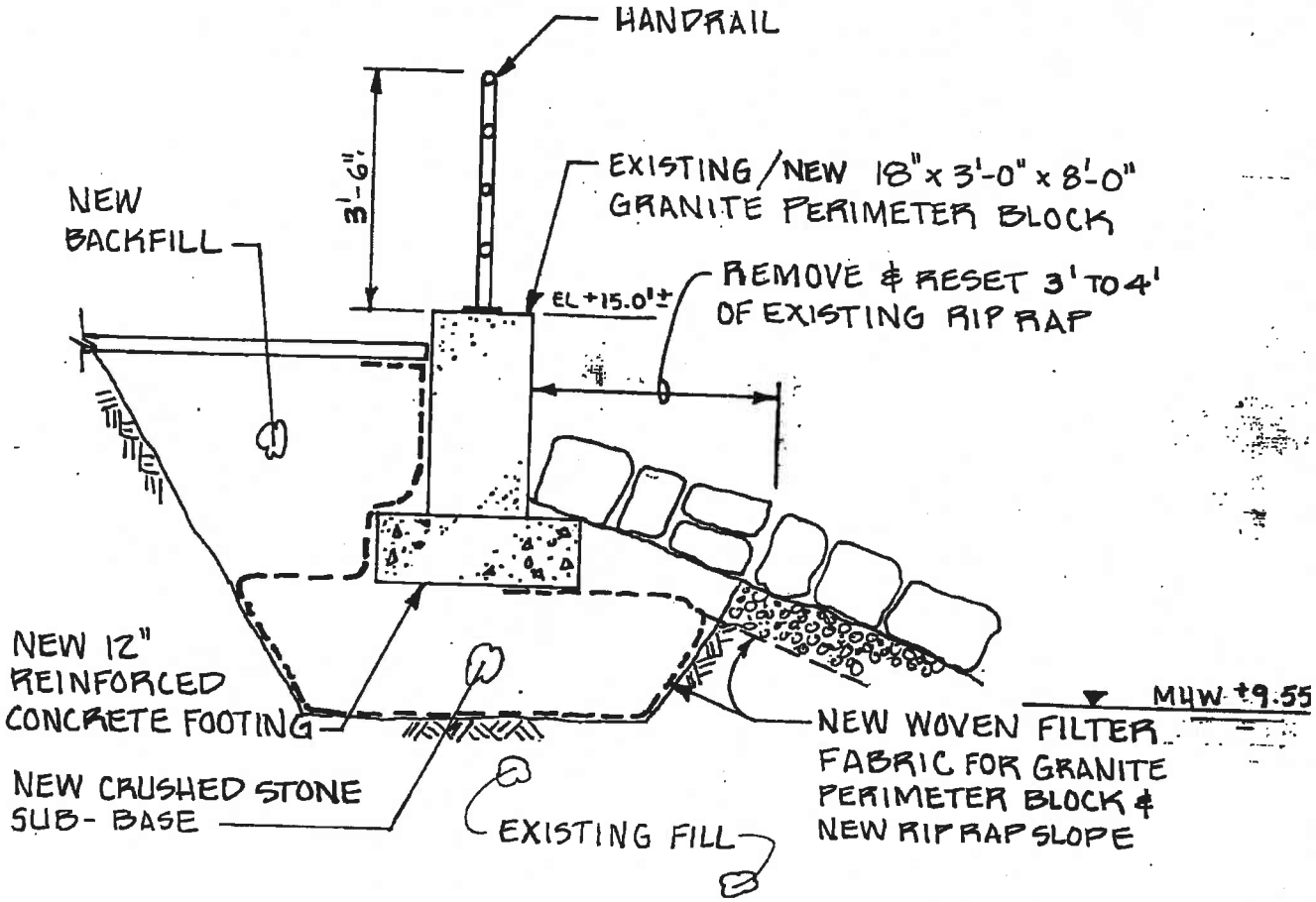
SHEET 7 OF

LICENSE PLAN NO. 2711

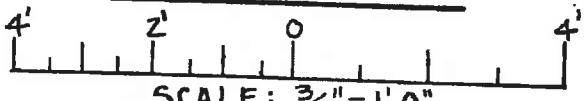
Approved by Department of E[illegible]

Date: AUG 6 [illegible] 1991

006-010-540-4000-100

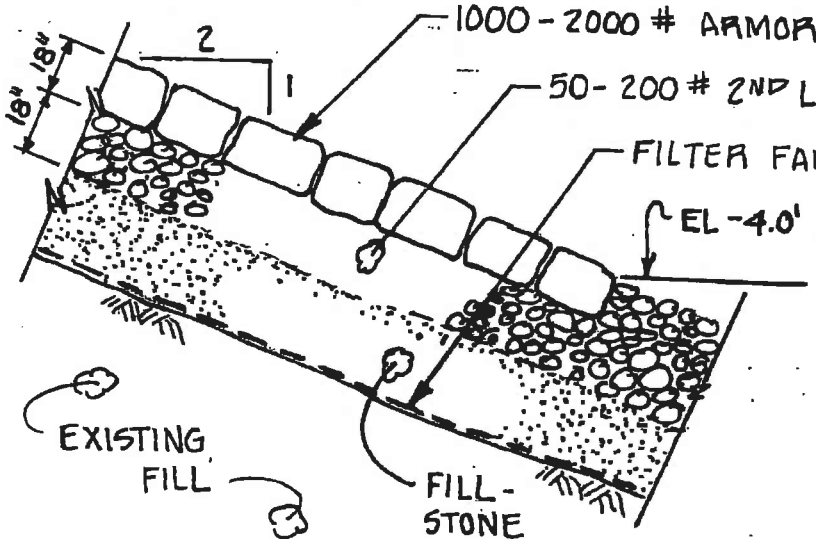


DETAIL A



SCALE: 3/8"=1'-0"

LICENSE PLAN NO. 277
Approved by Department of Environmental Protection
Date: AUG 08 1991



DETAIL B

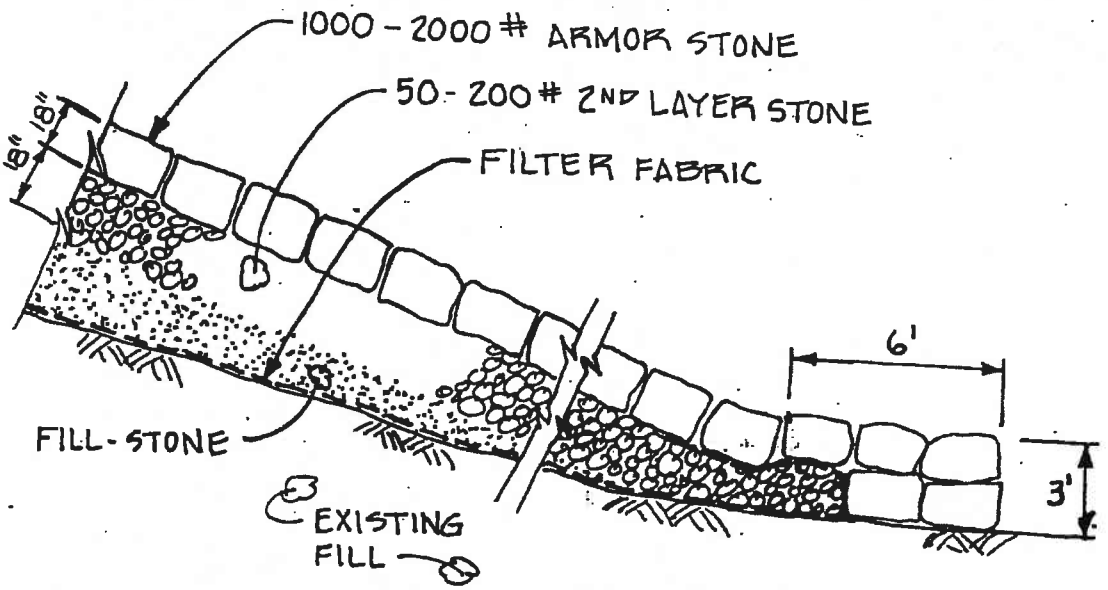
NO SCALE

NOTE:
FOR TOE SEE DETAIL D

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

Ronald R. Bourne

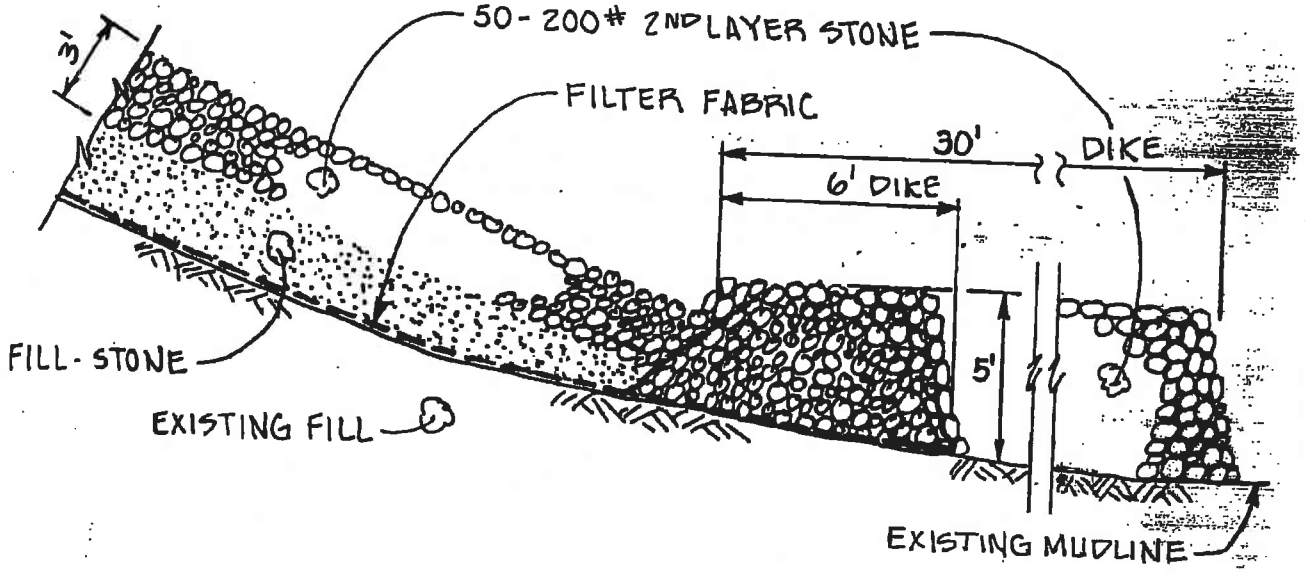
006-010-540-4000-100



DETAIL C
NO SCALE

[WHEN TOE ELEVATION IS HIGHER THAN -4.0']

LICENSE PLAN NO. 2711
Approved by Department of Environmental Protection
Date: AUG 0 8 1001



DETAIL D
NO SCALE

[WHEN TOE ELEVATION IS BELOW -4.0']

QUANTITIES:

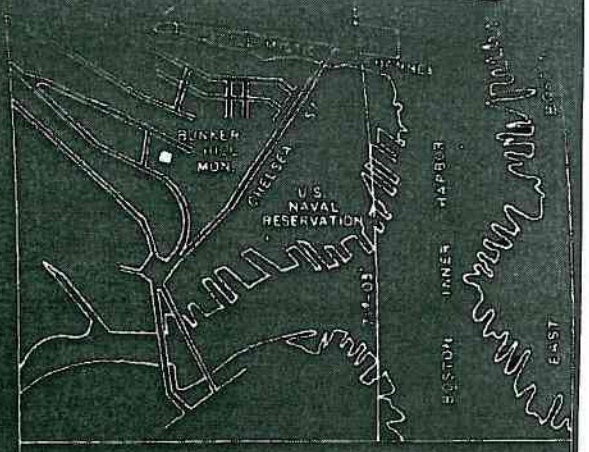
DREDGING =	62 CY
RIP RAP =	4,084 CY
STONE FILL =	2,230 CY

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

Ronald R. Bourne

GEC JOB NO. 82487.20

006-020-273-5000-100
006-020-273-5000-200



NOTE

SOUNDINGS AND ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO THE PLANE OF MEAN LOW WATER

THE LAND ADJACENT TO LITTLE MYSTIC CHANNEL IS OWNED BY THE BOSTON REDEVELOPMENT AUTHORITY AND ALL BUILDINGS SITUATED ON THIS LAND ARE CURRENTLY IN PROCESS OF BEING DEMOLISHED

ALL DRAINS ARE TO BE BUILT TO THE SATISFACTION OF THE CITY OF BOSTON

SEE CHAPTER 488 OF THE ACTS OF 1907 FOR AUTHORIZATION TO LICENCE BEYOND THE HARBOR LINE

PLAN ACCOMPANYING PETITION OF THE

BOSTON REDEVELOPMENT AUTHORITY

TO CONSTRUCT A SEAWALL AND FILL, AND TO FILL SOLID THE CHANNEL WITH ROCK REVETMENT, OUTBOARD SLOPE IN

LITTLE MYSTIC CHANNEL

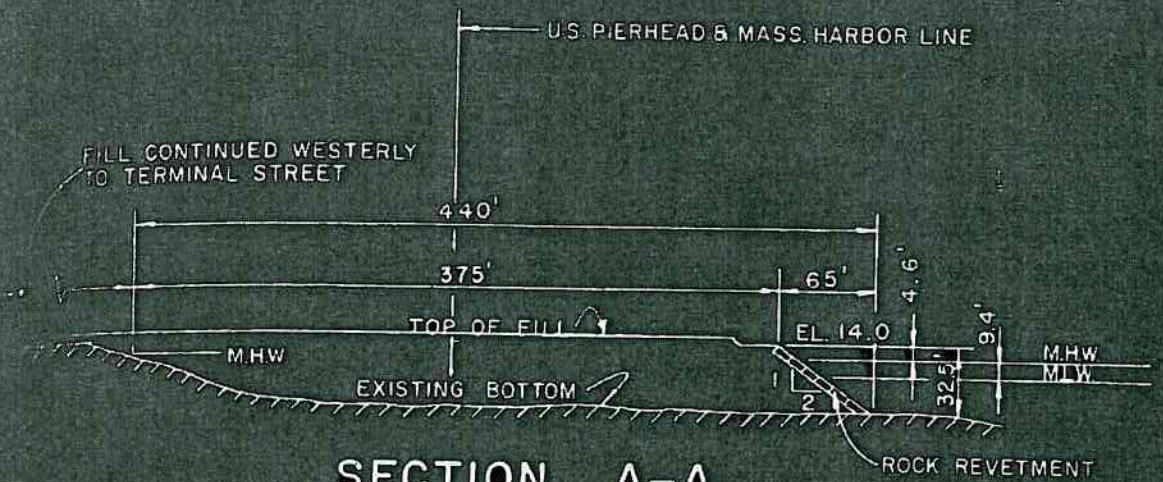
CHARLESTOWN — BOSTON

NOVEMBER 1967 (REV. MAR. 1968)

SHEET 1 OF 2

LICENSE PLAN NO. 5373
APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS
MAY 22 1968
Edward Kelly
COMMISSIONER - DEPT. OF PUBLIC WORKS
Commissioned
Robert Foster
BOARD OF COMMISSIONERS

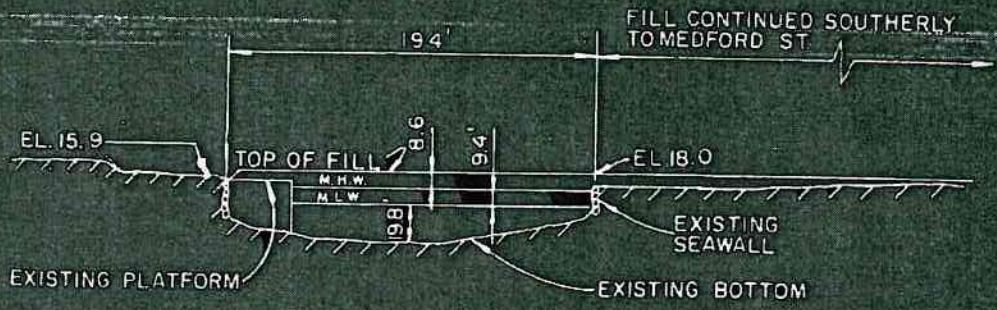
006-020-273-5000-100
006-020-273-5000-200



SECTION A-A

0 SCALE IN FEET 200

1" = 100'



SECTION B-B

0 SCALE IN FEET 200

1" = 100'

LICENSE PLAN NO. 5373
APPROVED BY DEPARTMENT OF PUBLIC WORKS
MAY 22 1968

TITLE MYSTIC CHANNEL- CHARLESTOWN- NOV. 1967

006-030-273-5000-100
006-030-273-5000-200

DEPARTMENT OF PUBLIC WORKS

PLAN ACCOMPANYING PETITION OF THE

BOSTON REDEVELOPMENT AUTHORITY

TO CONSTRUCT A SEAWALL AND FILL, AND TO FILL SOLID THE CHANNEL WITH ROCK REVETMENT, OUTBOARD SLOPE IN

LITTLE MYSTIC CHANNEL

CHARLESTOWN — BOSTON

NOVEMBER 1967 (REV. MAR. 1968)

SHEET 1 OF 2

PLAN

SCALE IN FEET 30 0 60 120

SCALE IN FEET 1000 0 1000 2000

SCALE IN FEET 1" = 2640' 0 1 2 3 YARDS

LICENSE PLAN NO. 5373
APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS
MAY 22 1968
COMMISSIONER OF PUBLIC WORKS

NOTE

SOUNDINGS AND ELEVATIONS ARE IN FEET AND REFER TO THE PLANE OF MEAN LOW WATER

THE LAND SOUTH OF LITTLE MYSTIC CHANNEL IS OWNED BY THE BOSTON REDEVELOPMENT AUTHORITY AND ALL BUILDINGS SITUATED ON THIS LAND ARE UNDER THE PROCESS OF BEING DEMOLISHED

ALL SHIMS ARE TO BE BUILT TO THE SATISFACTION OF THE CITY OF BOSTON

SEE CHAPTER 454 OF THE ACTS OF 1967 FOR AUTHORIZATION TO LICENSE BEYOND THE HARBOR LINE

SEE U.S. REAL SURVEY BOSTON SOUTH QUADRANGLE

BOSTON INNER HARBOR

U.S. NAVAL RESERVATION

BUNKER HILL MON.

EXISTING

PROPOSED FILL

EXISTING SEAWALL

EXISTING PLATFORM

PROPOSED SEAWALL

ROCK REVETMENT

LITTLE MYSTIC CHANNEL

U.S. PIERHEAD & BULKHEAD & MASS HARBOR LINE

U.S. PIERHEAD & MASS HARBOR LINE

E.L.W.

Ownership Continues Easterly To Chelsea Street

REDEVELOPMENT AUTHORITY

REDEVELOPMENT AUTHORITY

PROPOSED 48" DRAIN

EXIST. DRAIN

MONUMENT STREET

BOSTON TERMINAL

BOSTON STORE

SEWER LINE EXTENSION UNDER P.B.A. LICENCE NO 213 ABANDONED

PT. S AS ESTABLISHED BY CHAP. 37 OF THE ACTS OF 1954

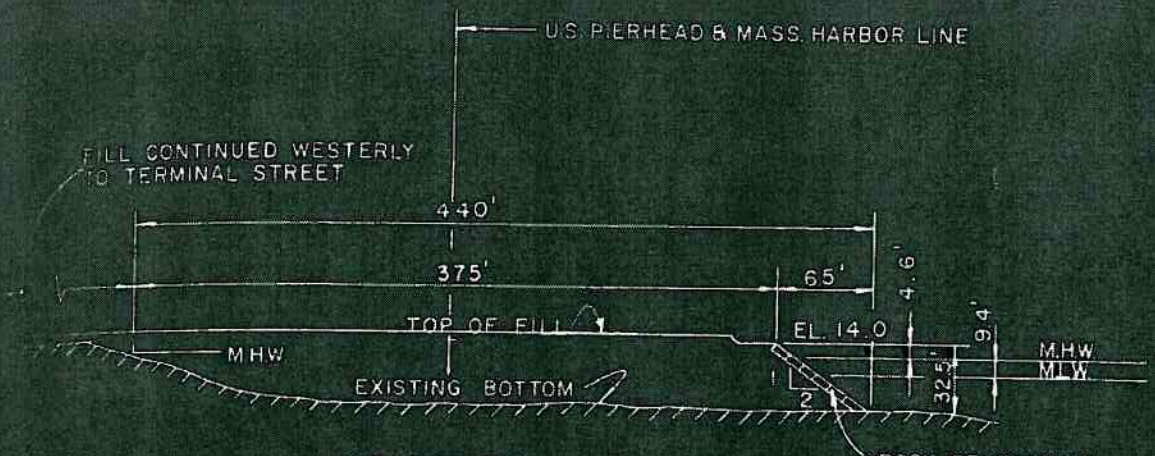
PT. S AS ESTABLISHED BY CHAP. 37 OF THE ACTS OF 1954 ABANDONED

FILLING & RETAINING WALL

L8

A

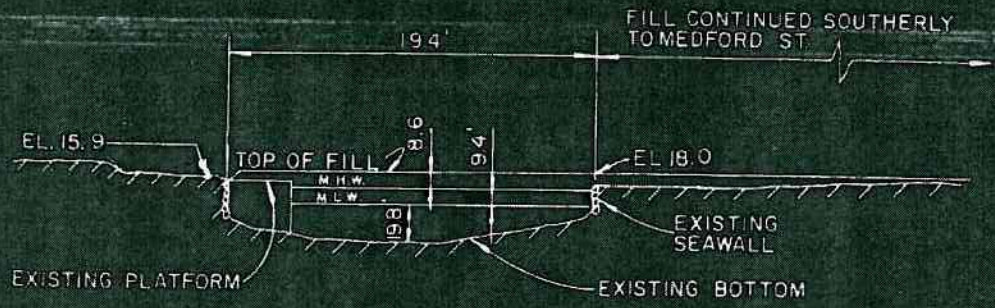
006-030-273-5000-100
006-030-273-5000-200



SECTION A-A

0 SCALE IN FEET 200

1" = 100'



SECTION B-B

0 SCALE IN FEET 200

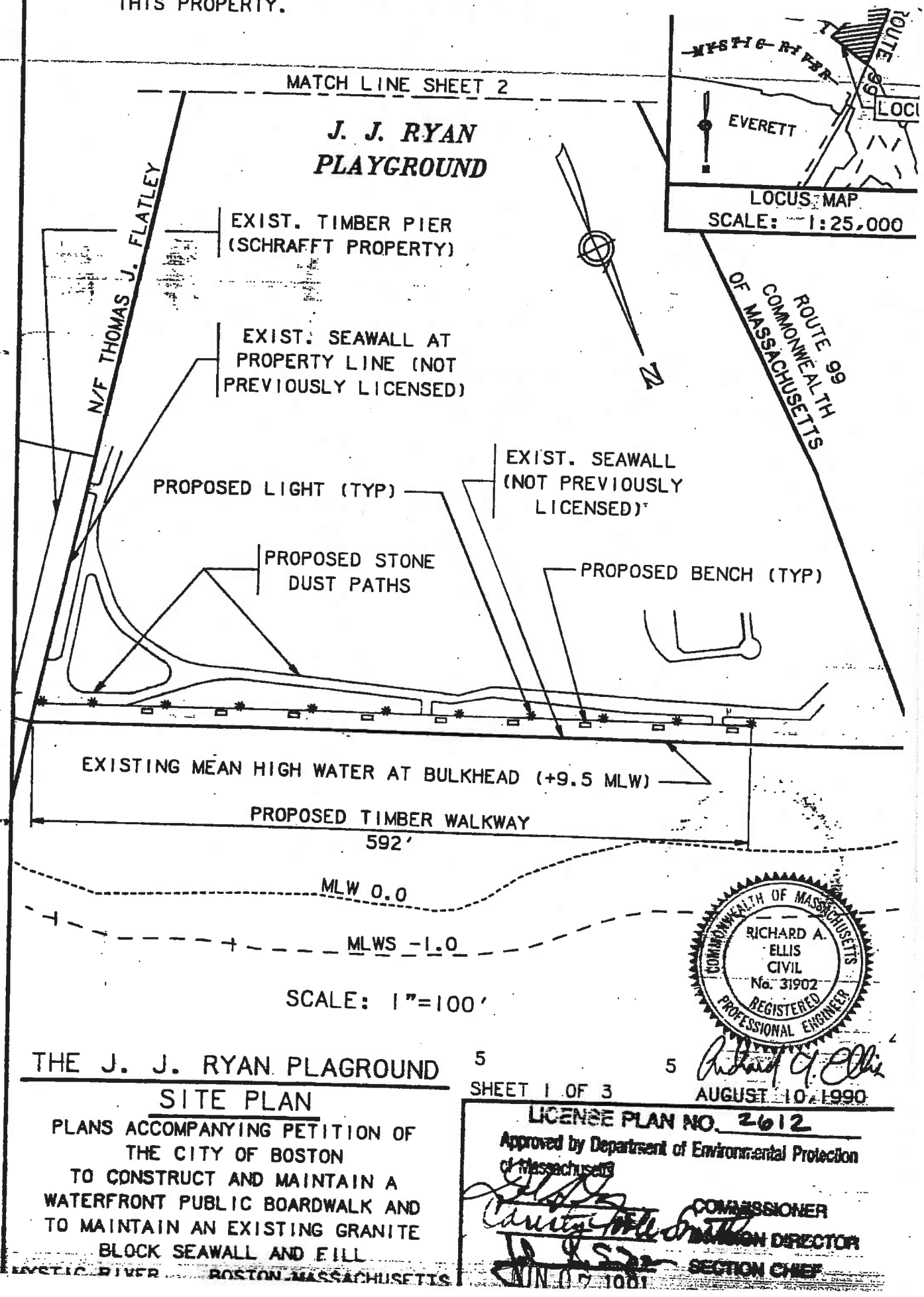
1" = 100'

LICENSE PLAN NO. 5373
APPROVED BY DEPARTMENT OF PUBLIC WORKS
MAY 22 1968

LE MYSTIC CHANNEL— CHARLESTOWN - NOV 1967

2.) NO PREVIOUS LICENSES ISSUED ON THIS PROPERTY.

006-020-358-6000-100



COMMONWEALTH OF MASSACHUSETTS
RICHARD A. ELLIS
CIVIL
No. 31902
REGISTERED
PROFESSIONAL ENGINEER

Richard A. Ellis

AUGUST 10, 1990

THE J. J. RYAN PLAGROUND

SITE PLAN

PLANS ACCOMPANYING PETITION OF
THE CITY OF BOSTON
TO CONSTRUCT AND MAINTAIN A
WATERFRONT PUBLIC BOARDWALK AND
TO MAINTAIN AN EXISTING GRANITE
BLOCK SEAWALL AND FILL

MYSTIC RIVER BOSTON MASSACHUSETTS

5 5

SHEET 1 OF 3

LICENSE PLAN NO. 2612

Approved by Department of Environmental Protection
of Massachusetts

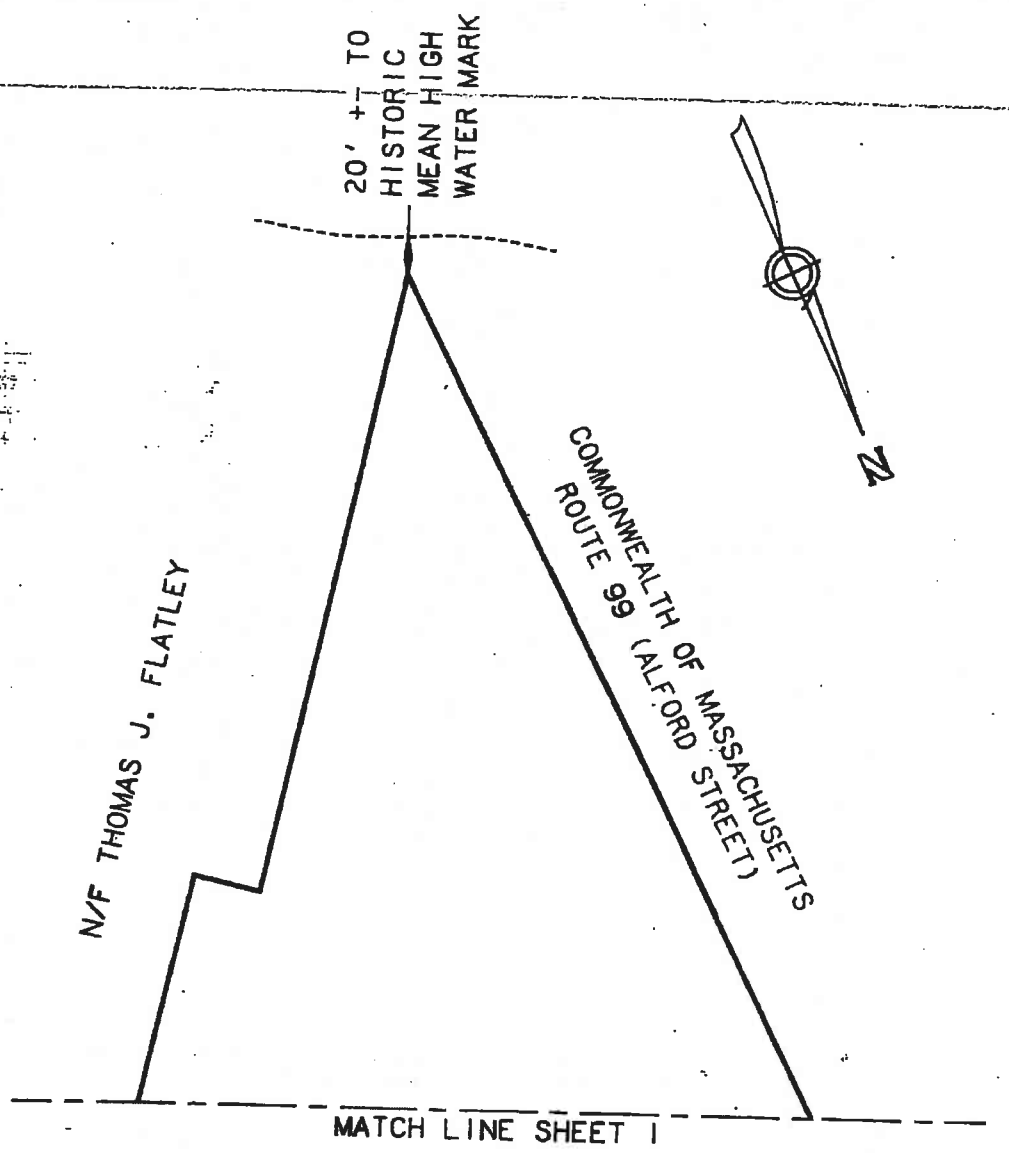
COMMISSIONER

DIVISION DIRECTOR

SECTION CHIEF

JUN 07 1991

2.) NO PREVIOUS LICENSES ISSUED ON THIS PROPERTY. 006-020-358-6000-100



SCALE: 1' = 100"

COMMONWEALTH OF MASSACHUSETTS
RICHARD A. ELLIS
CIVIL
No. 31902
REGISTERED
PROFESSIONAL ENGINEER

NOTE: HISTORIC MEAN HIGH WATER MARK FROM "PLAN OF THE CITY OF CHARLESTOWN MADE BY ORDER OF THE CITY COUNCIL DATED 1848, SCALE: 1" = 400'"

Richard A. Ellis

THE J. J. RYAN PLAGROUND

SITE PLAN

PLANS ACCOMPANYING PETITION OF THE CITY OF BOSTON TO CONSTRUCT AND MAINTAIN A WATERFRONT PUBLIC BOARDWALK AND TO MAINTAIN AN EXISTING GRANITE BLOCK SEAWALL AND FILL

MYSTIC RIVER BOSTON, MASSACHUSETTS

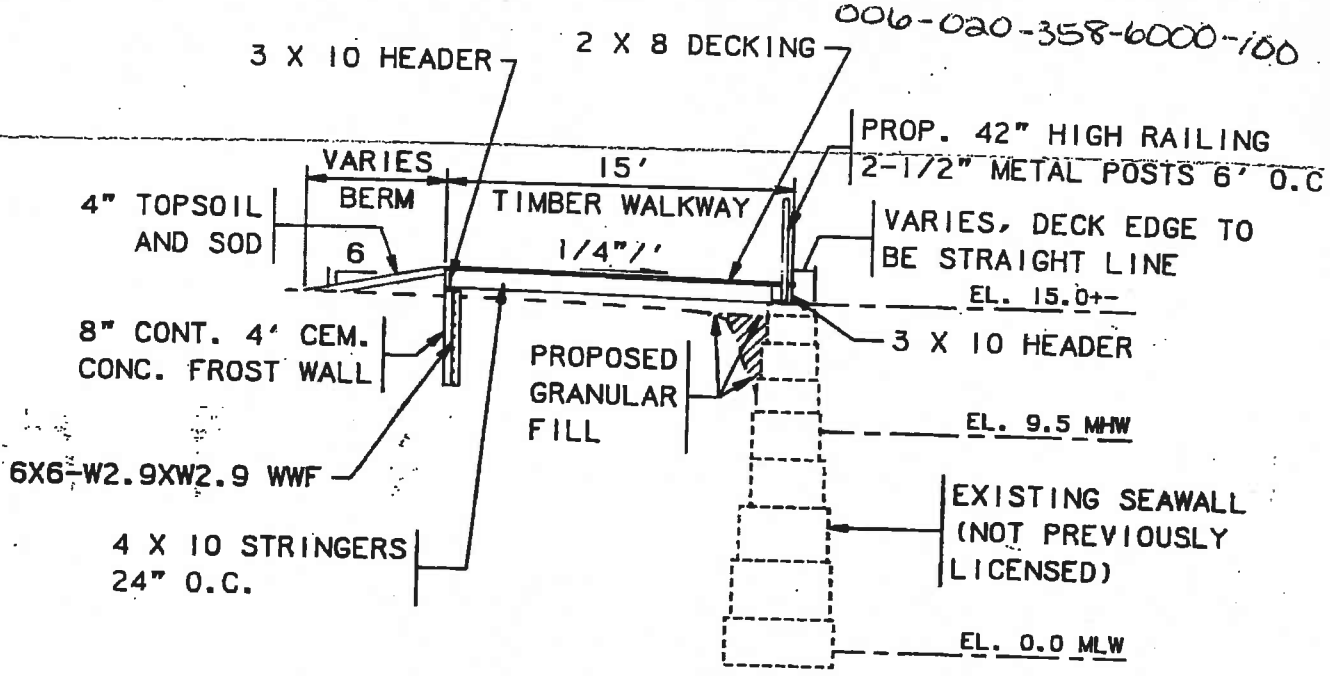
SHEET 2 OF 3 AUGUST 10, 1990

LICENSE PLAN NO. 2612

Approved by Department of Environmental Protection

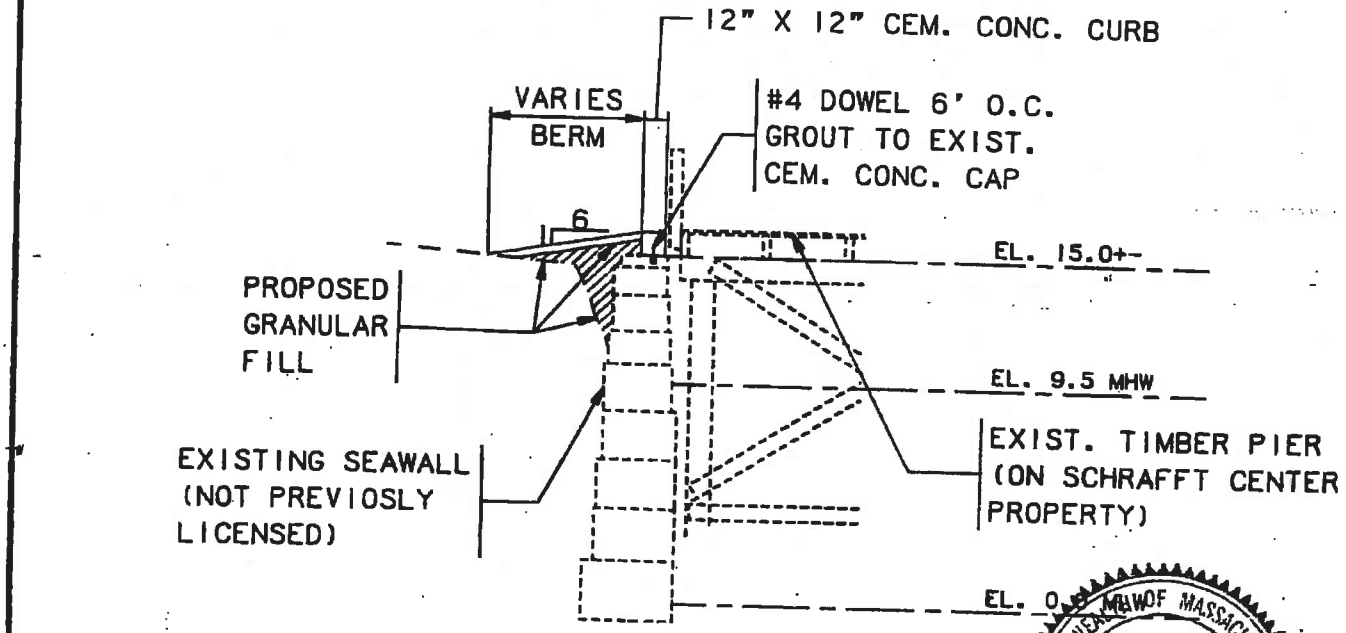
JUN 07 1991

006-020-358-6000-100



TYPICAL WALKWAY SECTION

SCALE: 1/8"=1'-0"



SECTION AT PIER

SCALE: 1/8" = 1'-0"

COMMONWEALTH OF MASSACHUSETTS
RICHARD A. ELLIS
CIVIL
No. 31902
REGISTERED PROFESSIONAL ENGINEER

THE J. J. RYAN PLAGROUND

TYPICAL SECTIONS

PLANS ACCOMPANYING PETITION OF
THE CITY OF BOSTON
TO CONSTRUCT AND MAINTAIN A
WATERFRONT PUBLIC BOARDWALK AND
TO MAINTAIN AN EXISTING GRANITE
BLOCK SEAWALL AND FILL
MYSTIC RIVER BOSTON, MASSACHUSETTS

SHEET 3 OF 3

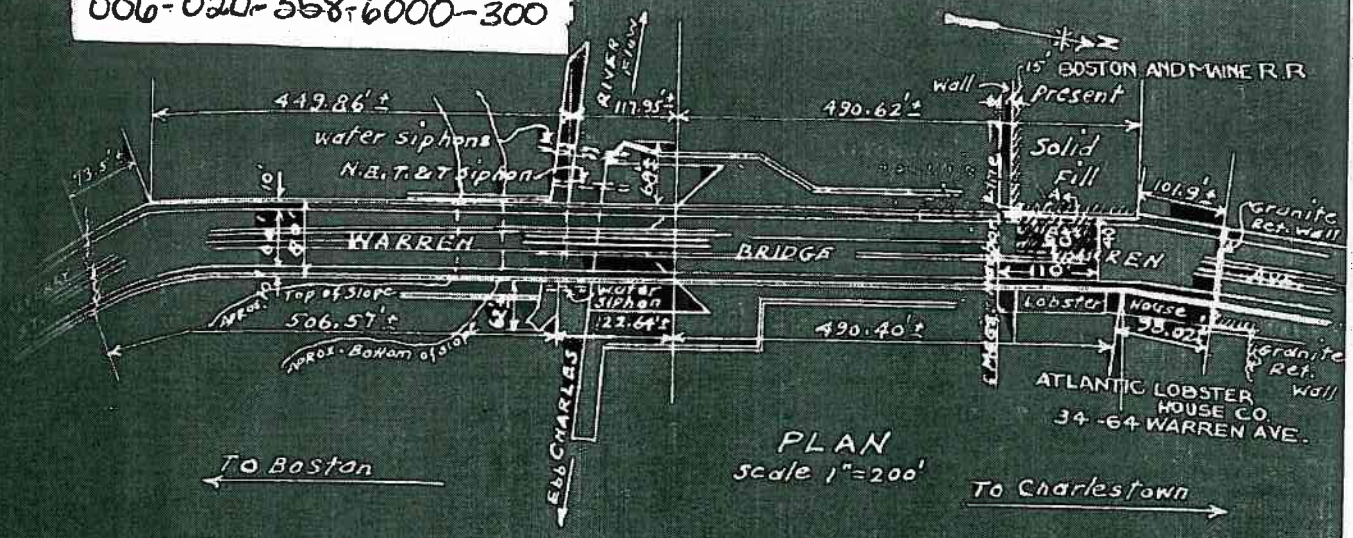
AUGUST 10, 1990

LICENSE PLAN NO. 2612

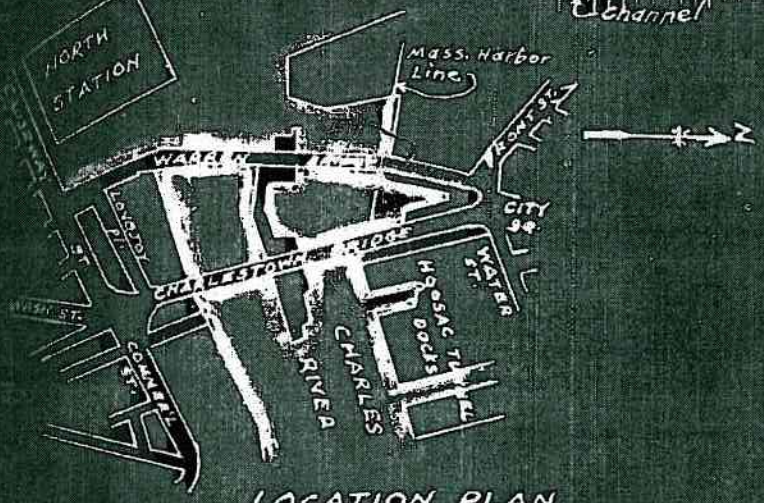
Approved by Department of Environmental Protection

Date JUN 07 1991

006-020-358-6000-300



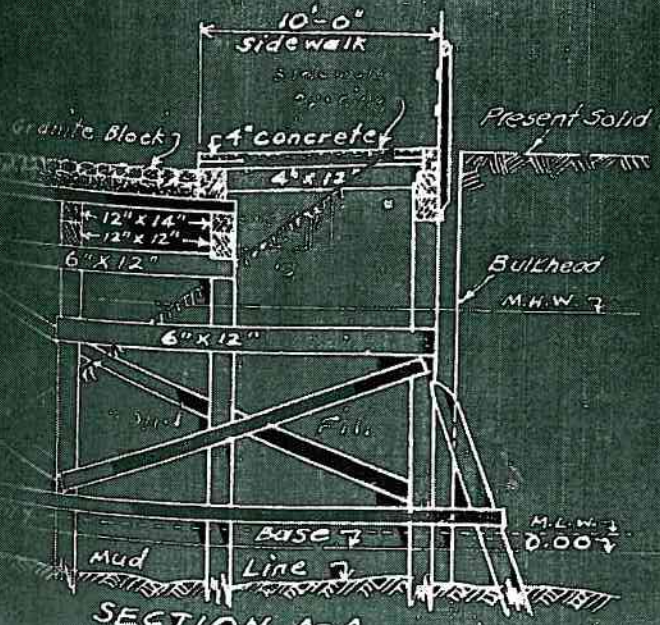
ELEVATION
Scale 1" = 200'



LOCATION PLAN
SCALE OF FEET
0 200' 400' 600' 800' 1000'

CITY OF BOSTON
PUBLIC WORKS DEPARTMENT
BRIDGE DIVISION
WARREN BRIDGE
OVER CHARLES RIVER
FILLING
Scales as Noted May 1955

John J. McCall
DIVISION ENGINEER



SECTION A-A
Scale 1/8"=1'-0"

WARREN BRIDGE

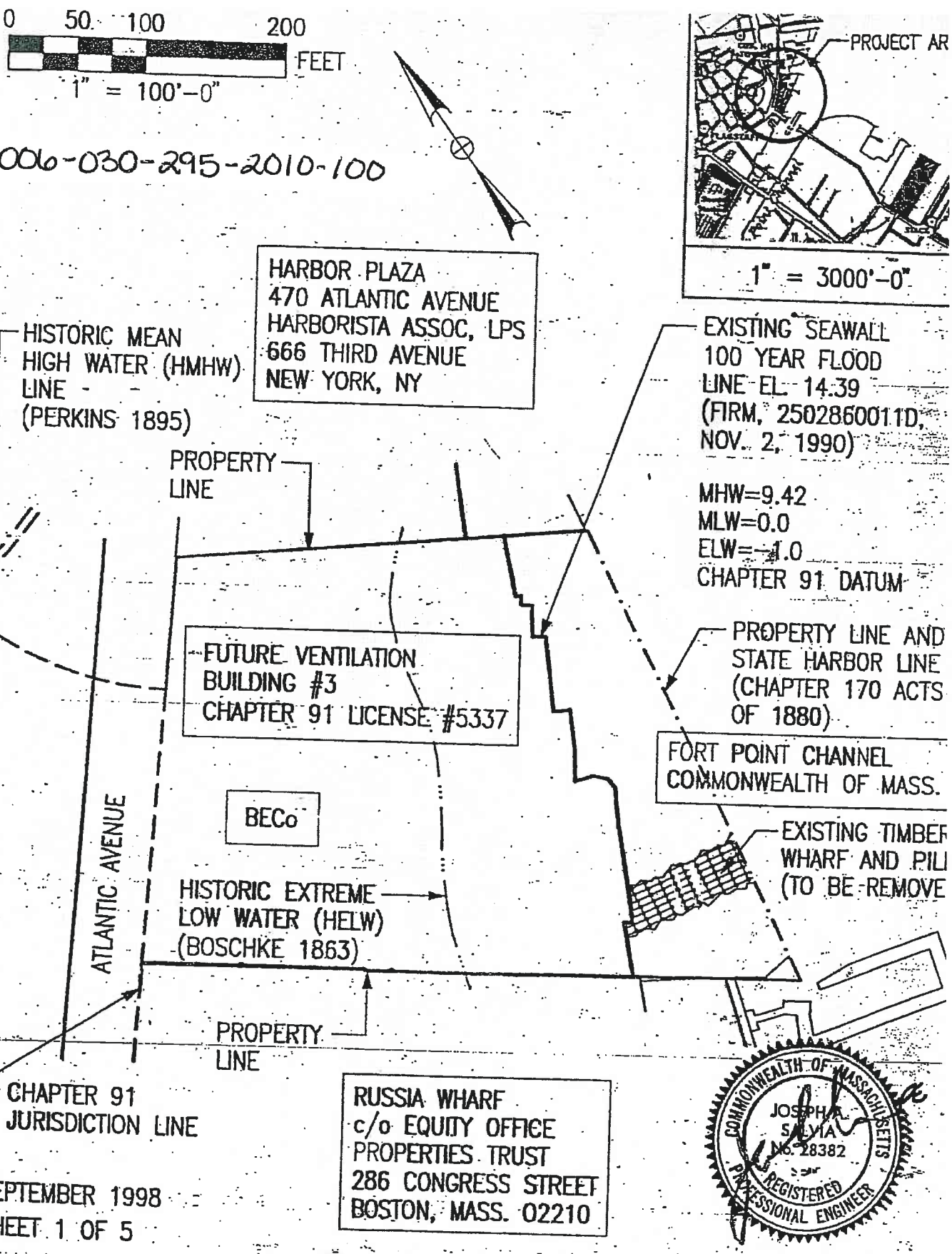
Commissioner of Public Works

NO. 3755
APPROVED BY DEPARTMENT OF PUBLIC WORKS
JULY 18, 1955

COMMISSIONER OF PUBLIC WORKS

ASSOCIATE COMMISSIONERS

DIRETOR - DIVISION



SEPTEMBER 1998

SHEET 1 OF 5

EXISTING CONDITIONS

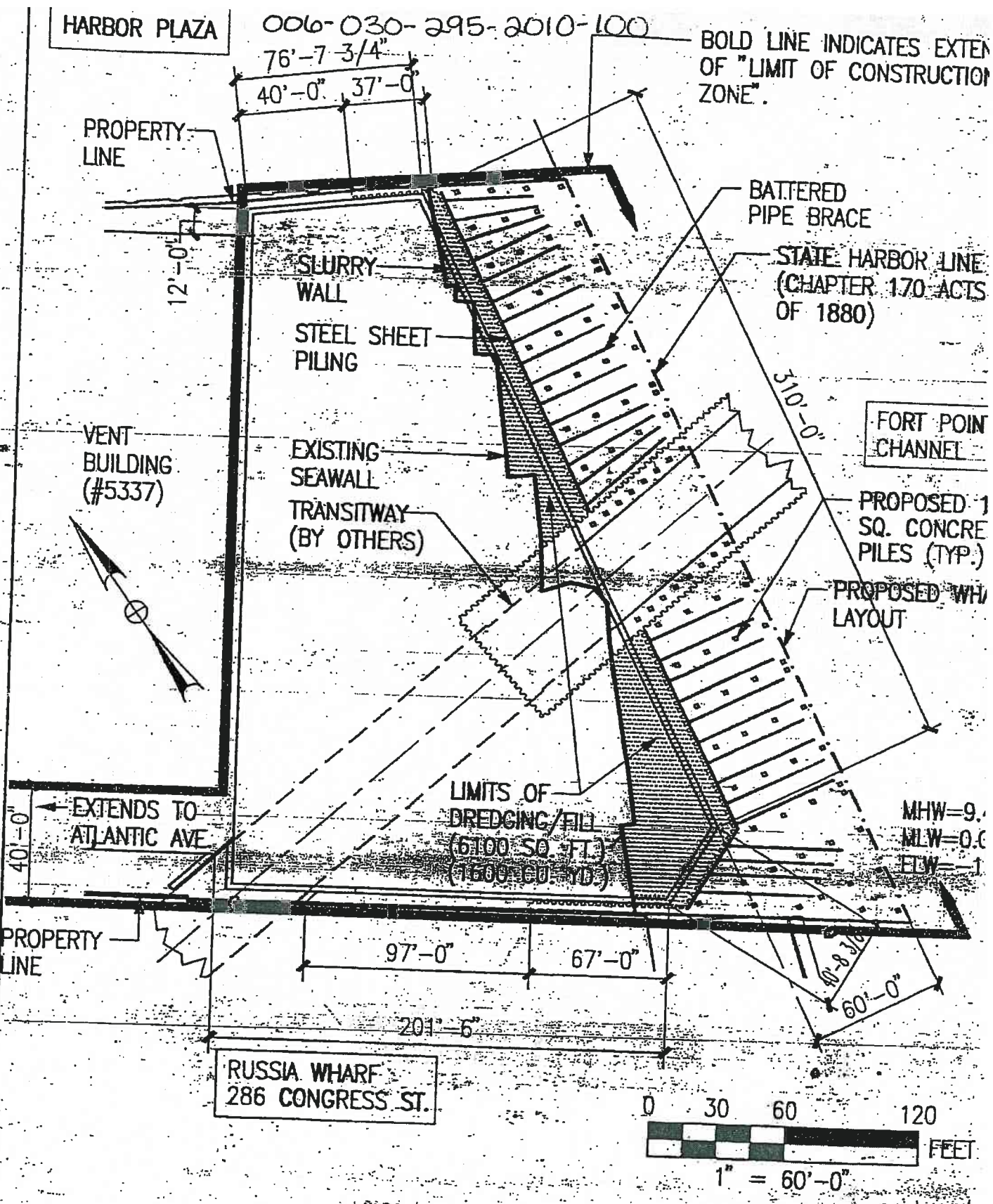
PLANS ACCOMPANYING PETITION OF THE MASSACHUSETTS HIGHWAY DEPARTMENT TO CONSTRUCT AND MAINTAIN A SEAWALL AND WHARF IN FILLED AND FLOWED TIDELANDS IN FORT POINT CHANNEL, CITY OF BOSTON, SUFFOLK COUNTY

LICENSE PLAN NO. 7722

Approved by Department of Environmental Protection of Massachusetts

APR 22 1999

Edward L. Lynch



SEAWALL, PILE, SHEETING AND WHARF PLAN

SEPTEMBER 1998

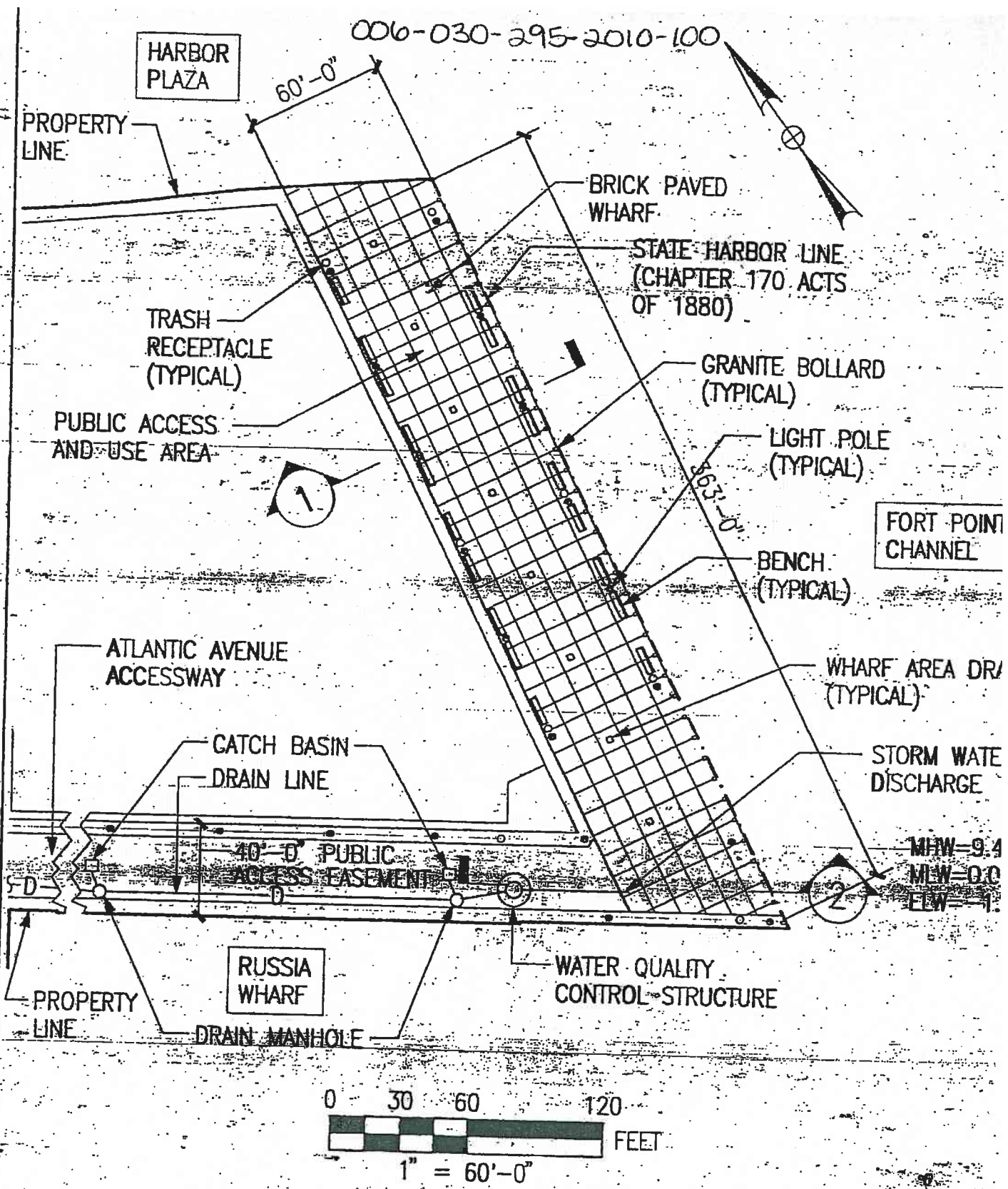
SHEET 2 OF 5

LICENSE PLAN NO. 7722

Approved by Department of Environmental Protection

Date APR 2 2 1999

COMMONWEALTH OF MASSACHUSETTS
JOSEPH A. SALVIA
NO. 28382
REGISTERED PROFESSIONAL ENGINEER



PROPOSED SITE PLAN

SEPTEMBER 1998

SHEET 3 OF 5

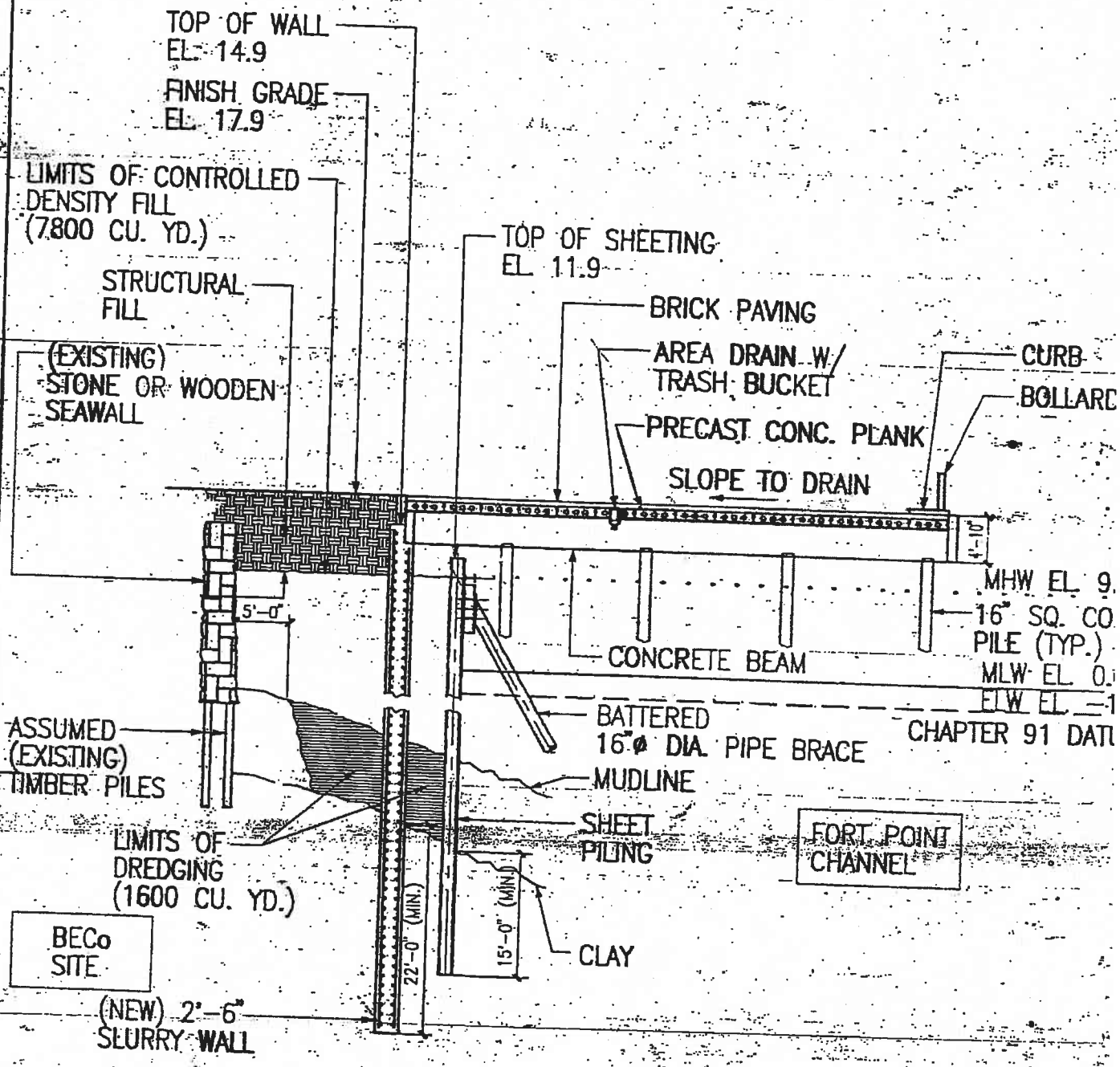
LICENSE PLAN NO. 7722

Approved by Department of Environmental Protection

Date: APR 22 1999

COMMONWEALTH OF MASSACHUSETTS
JOSEPH A. SALVIA
NO. 38382
REGISTERED PROFESSIONAL ENGINEER

006-030-295-2010-100



SECTION 1

SLURRY WALL AND WHARF SECTION

SEPTEMBER 1998

SHEET 4 OF 5

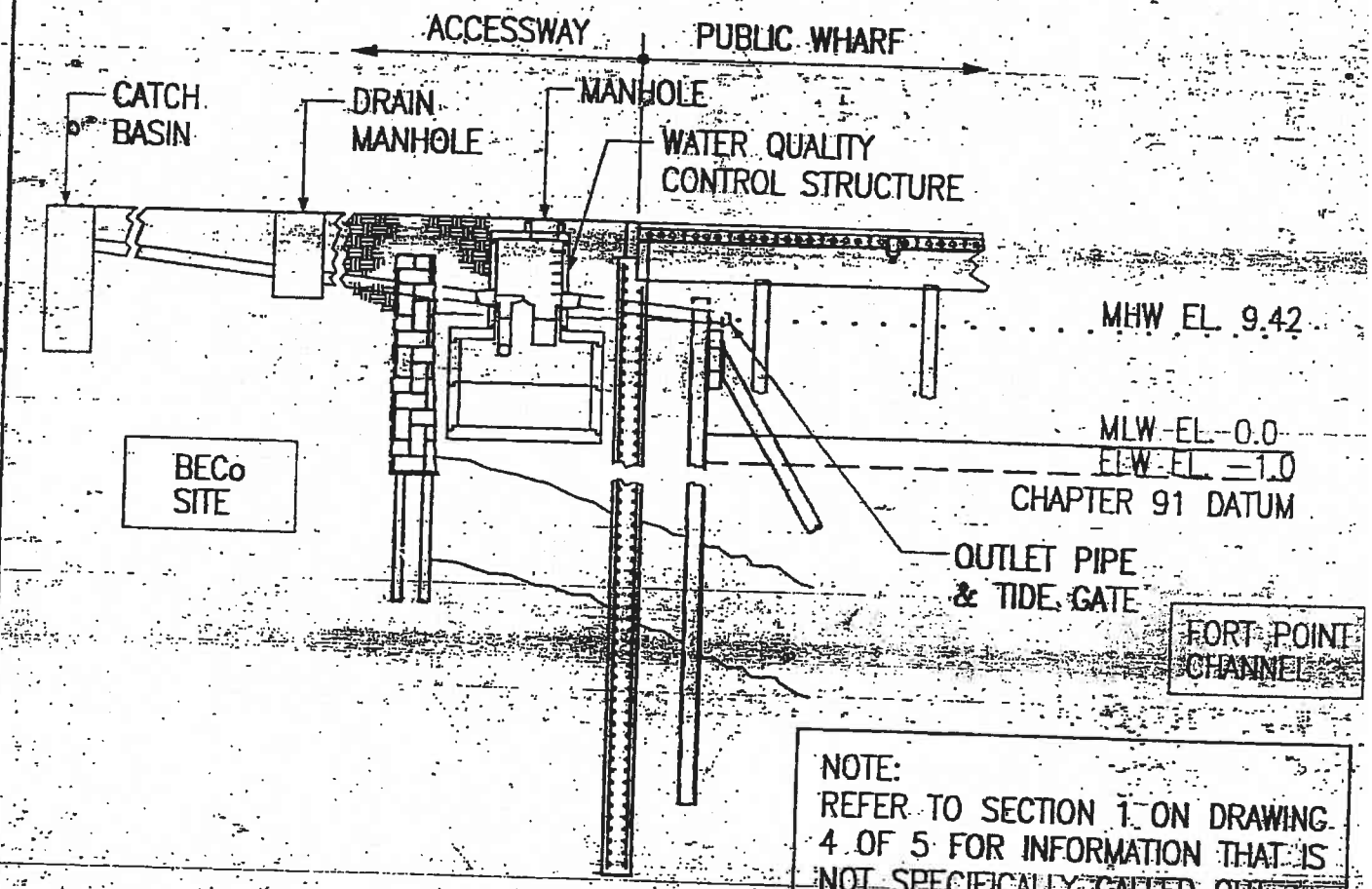
LICENSE PLAN NO. 7722

Approved by Department of Environmental Protection

Date: APR 22 1999

COMMONWEALTH OF MASSACHUSETTS
JOSEPH A. SARVIA
No. 28382
REGISTERED
PROFESSIONAL ENGINEER

006-030-295-2010-100



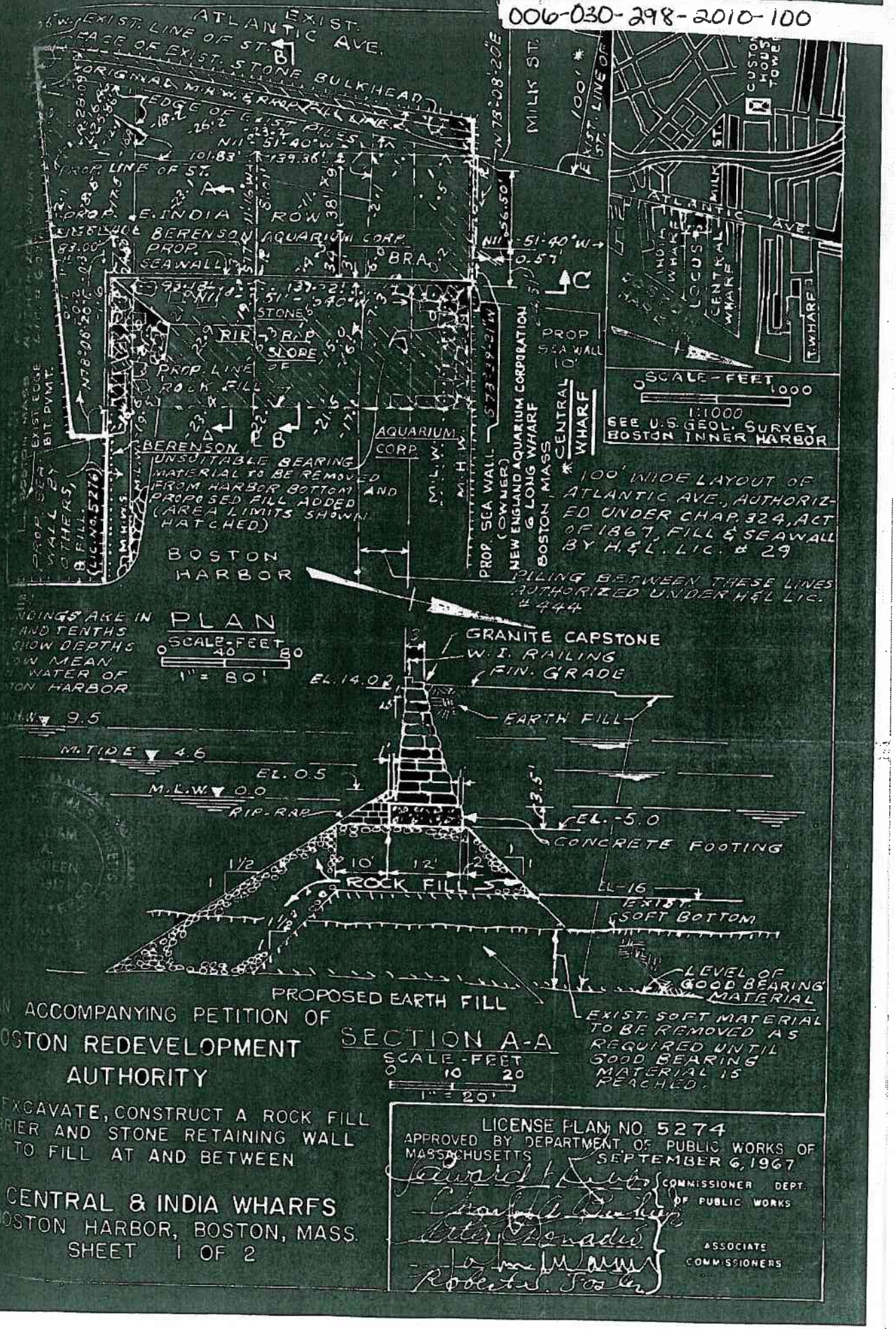
NOTE:
REFER TO SECTION 1 ON DRAWING 4 OF 5 FOR INFORMATION THAT IS NOT SPECIFICALLY CALLED OUT

LICENSE PLAN NO. 7122
Approved by Department of Environmental Protection
Date: APR 22 1999

SECTION 2
WATER QUALITY CONTROL STRUCTURE SECTION

SEPTEMBER 1998
SHEET 5 OF 5

006-030-298-2010-100



ACCOMPANYING PETITION OF

BOSTON REDEVELOPMENT AUTHORITY

EXCAVATE, CONSTRUCT A ROCK FILL RRIER AND STONE RETAINING WALL TO FILL AT AND BETWEEN

CENTRAL & INDIA WHARFS

BOSTON HARBOR, BOSTON, MASS.

SHEET 1 OF 2

LICENSE PLAN NO. 5274

APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS

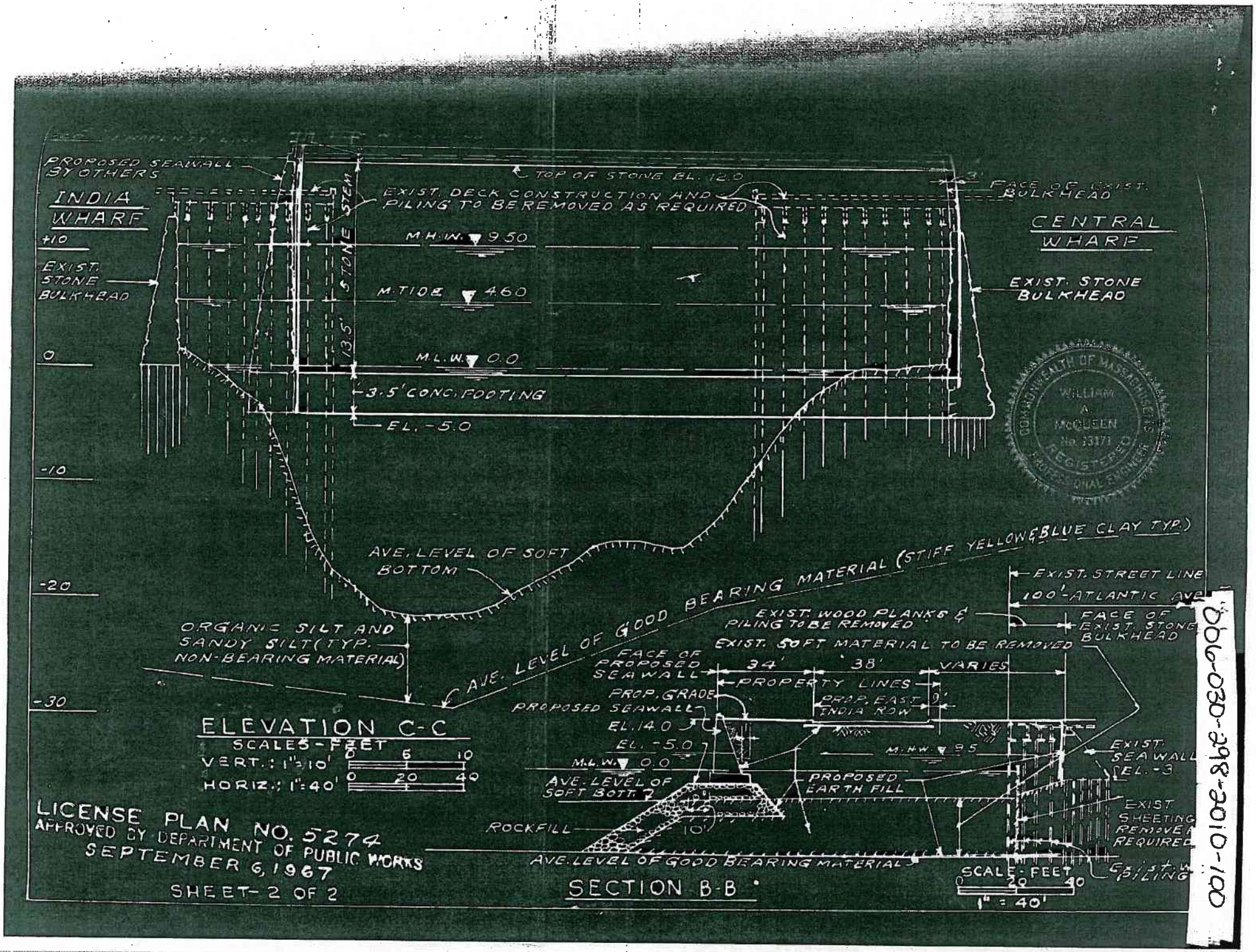
SEPTEMBER 6, 1967

COMMISSIONER DEPT. OF PUBLIC WORKS

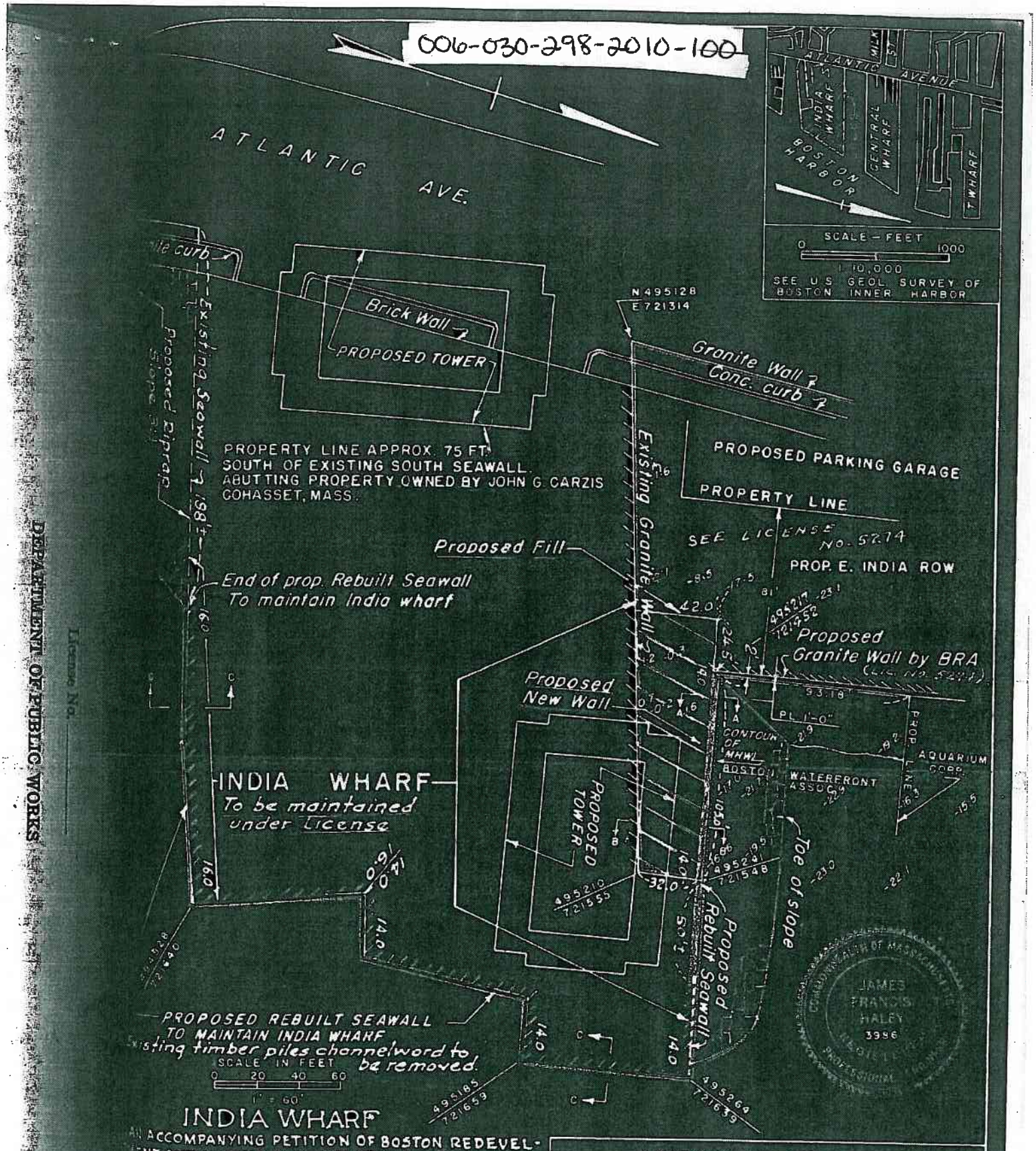
ASSOCIATE COMMISSIONERS

DEPARTMENT OF PUBLIC WORKS

TO


PROPOSED SEAWALL BY OTHERS
INDIA WHARF
TOP OF STONE EL. 12.0
EXIST. DECK CONSTRUCTION AND PILING TO BE REMOVED AS REQUIRED
FACE OF EXIST. BULKHEAD
CENTRAL WHARF
STONE STEM
13.5'
M.H.W. 9.50
M.TIDE 4.60
M.L.W. 0.0
EXIST. STONE BULKHEAD
EXIST. STONE BULKHEAD
3.5' CONC. FOOTING
EL. -5.0
+10
0
-10
-20
-30
AVE. LEVEL OF SOFT BOTTOM
AVE. LEVEL OF GOOD BEARING MATERIAL (STIFF YELLOW & BLUE CLAY TYP.)
ORGANIC SILT AND SANDY SILT (TYP. NON-BEARING MATERIAL)
ELEVATION C-C
SCALES - FEET
VERT.: 1" = 10'
HORIZ.: 1" = 40'
0 5 10
0 20 40
LICENSE PLAN NO. 5274
APPROVED BY DEPARTMENT OF PUBLIC WORKS
SEPTEMBER 6, 1967
SHEET - 2 OF 2
EXIST. STREET LINE
100' - ATLANTIC AVE.
EXIST. WOOD PLANKS & PILING TO BE REMOVED
FACE OF EXIST. STONE BULKHEAD
EXIST. SOFT MATERIAL TO BE REMOVED
FACE OF PROPOSED SEAWALL
34'
38'
VARIES
PROPERTY LINES
PROP. GRADE
PROP. EAST INDIA ROW
PROPOSED SEAWALL
EL. 14.0
EL. -5.0
M.H.W. 9.5
M.L.W. 0.0
EXIST. SEAWALL EL. -3
AVE. LEVEL OF SOFT BOTT.
PROPOSED EARTH FILL
EXIST. SHEETING REMOVE AS REQUIRED
ROCKFILL
10'
AVE. LEVEL OF GOOD BEARING MATERIAL
EXIST. PILING
SCALE - FEET
0 20 40
1" = 40'
SECTION B-B
COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN
No. 13171
REGISTERED PROFESSIONAL ENGINEER
006-030-298-3010-100

006-030-298-2010-100



DEPARTMENT OF PUBLIC WORKS

License No. _____

INDIA WHARF

AN ACCOMPANYING PETITION OF BOSTON REDEVELOPMENT AUTHORITY AND THEODORE W. BERENSON: TO REMOVE EXISTING PILE WHARF PLATFORMS AND TO MAINTAIN THE EXISTING SOLID PORTION OF INDIA WHARF AND EXISTING RETAINING STRUCTURES, TO REBUILD SAME, TO EXCAVATE AND TO CONSTRUCT A ROCK FILL BARRIER AND STONE RETAINING WALL, AND TO PLACE FILL AT AND ADJACENT TO INDIA WHARF, BOSTON HARBOR, BOSTON, MASS. JULY, 1967.

SHEET 1 OF 2

LICENSE NO. 5276

APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS SEPTEMBER 6, 1967

Edward A. Taylor
Chester G. Gross
Robert S. Foster

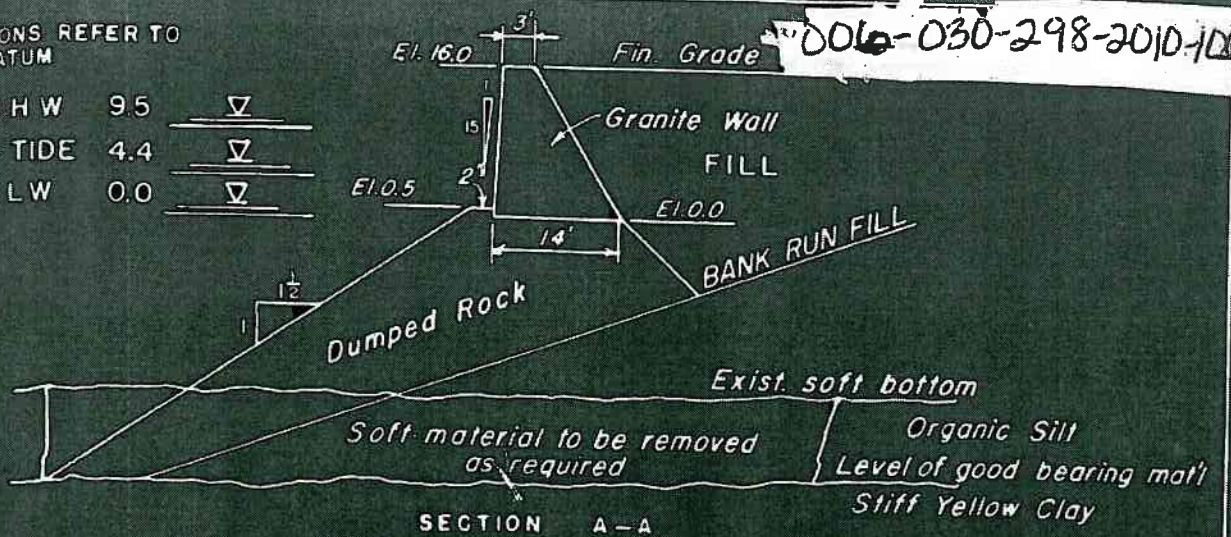
COMMISSIONER DEPT. OF PUBLIC WORKS

ASSOCIATE COMMISSIONERS

006-030-298-2010-10

ATIONS REFER TO
DATUM

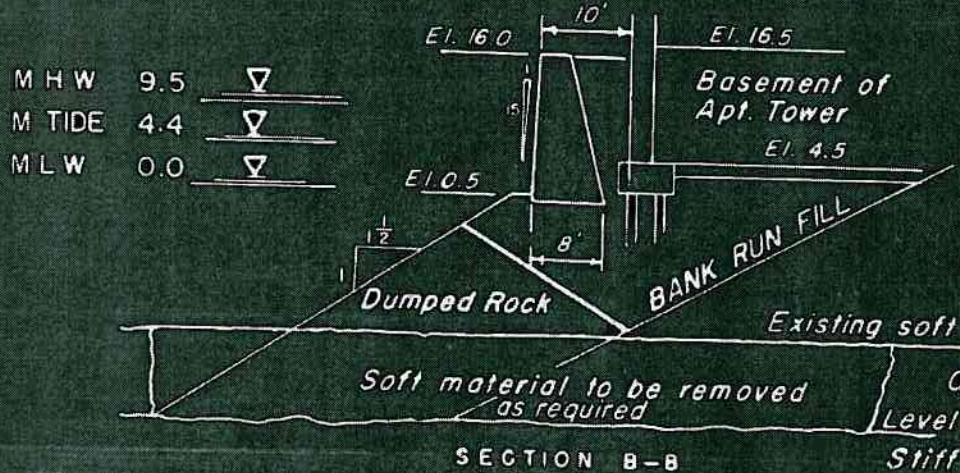
MHW 9.5
M TIDE 4.4
MLW 0.0



SECTION A–A

SCALE IN FEET
0 10 20
1" = 20'

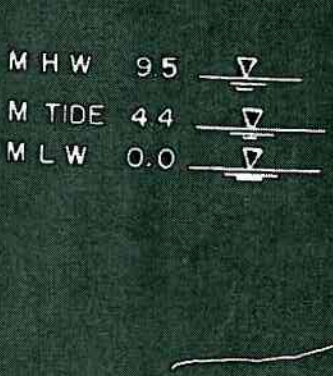
MHW 9.5
M TIDE 4.4
MLW 0.0



SECTION B–B

SCALE IN FEET
0 10 20
1" = 20'

MHW 9.5
M TIDE 4.4
MLW 0.0



SECTION C–C

SCALE IN FEET
0 10 20
1" = 20'

Wall to be removed down to El. + 8 and rebuilt to El. 12.5 and, 16.0 at locations shown on plan.

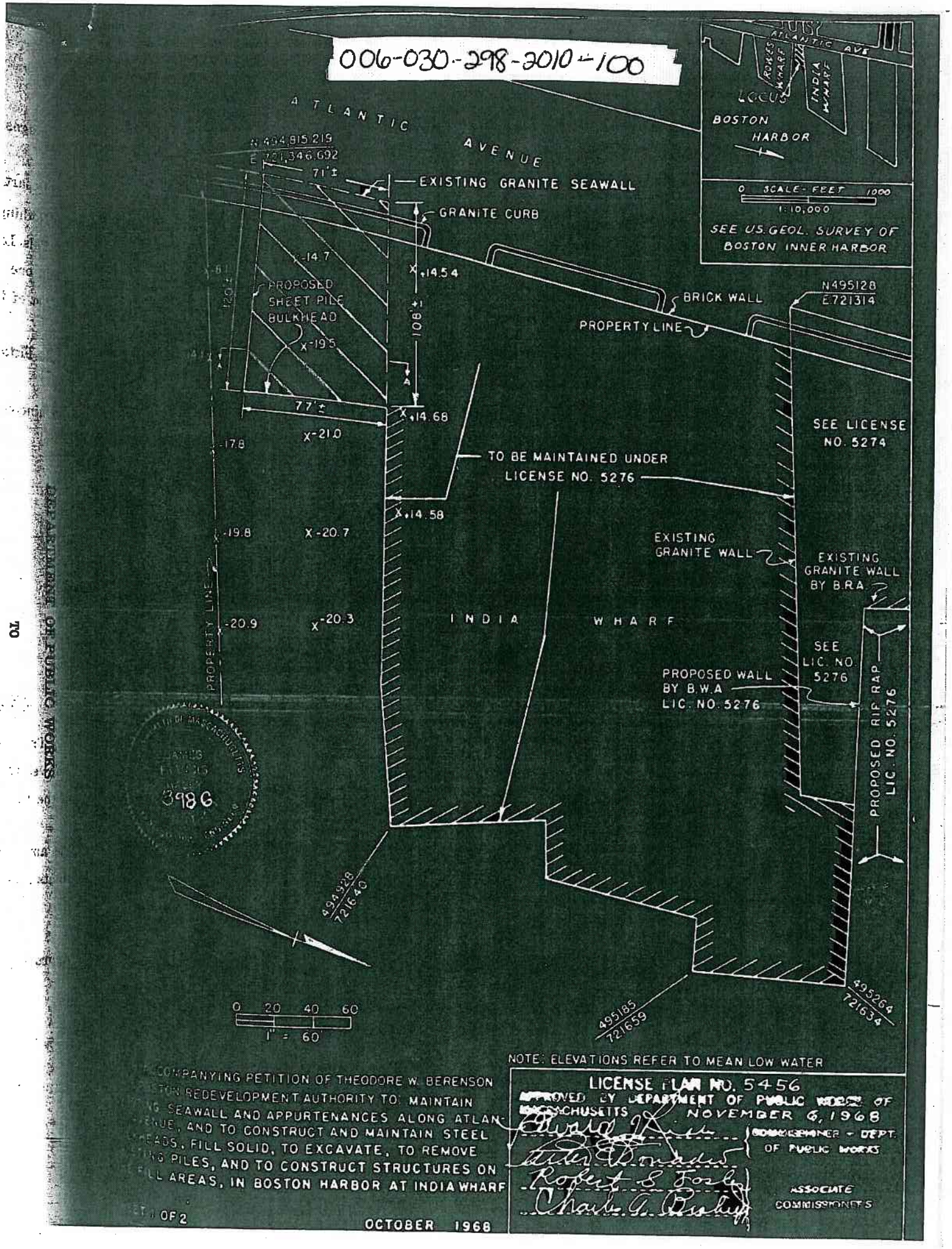
Information as to elevation and width of base of wall and details of pile support not known.

JAMES FRANCIS HALEY
3986

LICENSE PLAN NO. 5276
APPROVED BY DEPARTMENT OF PUBLIC WORKS
SEPTEMBER 6, 1967

SHEET 2 OF 2

006-030-298-2010-100



NOTE: ELEVATIONS REFER TO MEAN LOW WATER

ACCOMPANYING PETITION OF THEODORE W. BERENSON BOSTON REDEVELOPMENT AUTHORITY TO: MAINTAIN EXISTING SEAWALL AND APPURTENANCES ALONG ATLANTIC AVENUE, AND TO CONSTRUCT AND MAINTAIN STEEL PILEHEADS, FILL SOLID, TO EXCAVATE, TO REMOVE EXISTING PILES, AND TO CONSTRUCT STRUCTURES ON FILL AREAS, IN BOSTON HARBOR AT INDIA WHARF

SHEET 1 OF 2

OCTOBER 1968

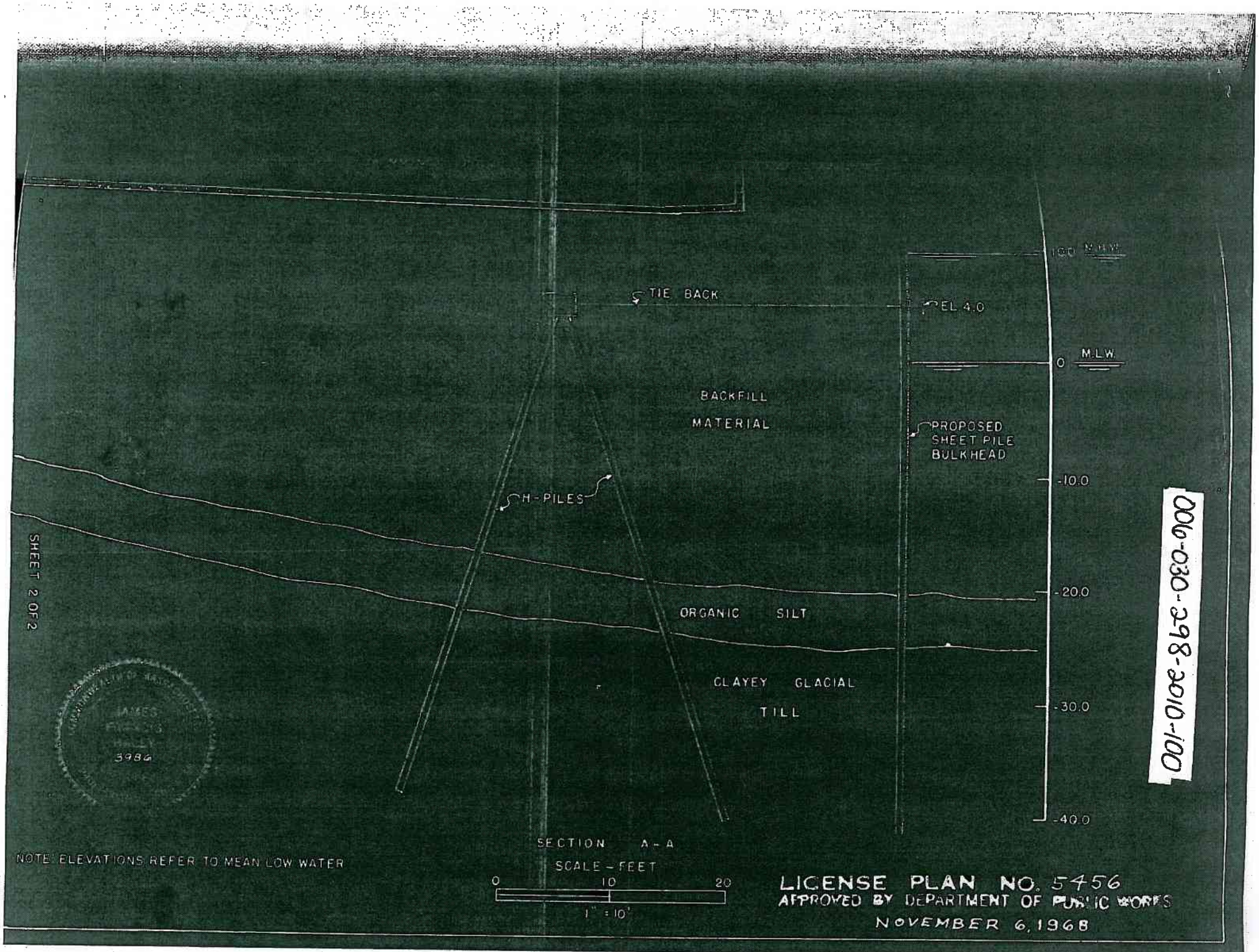
LICENSE PLAN NO. 5456

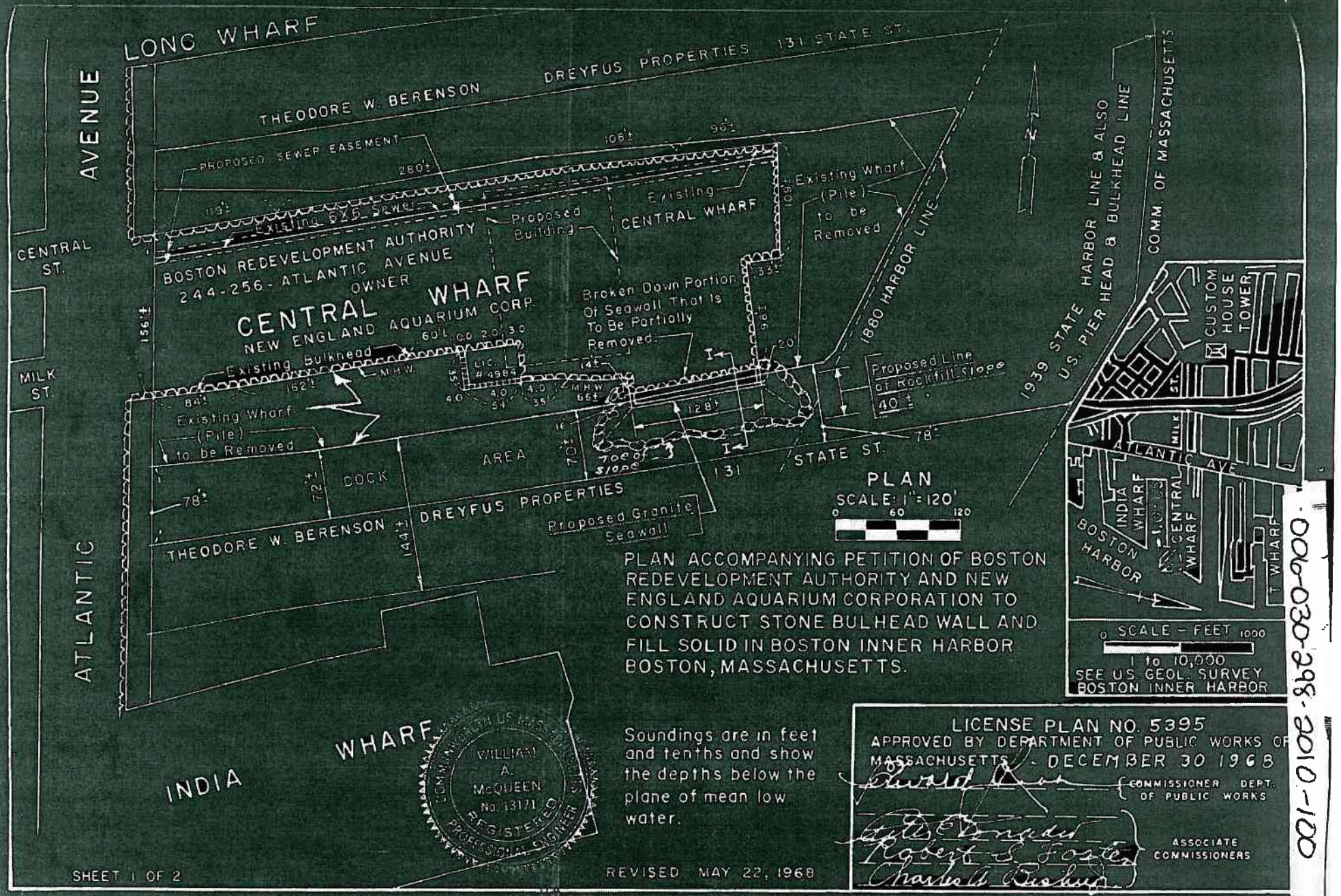
APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS NOVEMBER 6, 1968

David Nutt — COMMISSIONER - DEPT. OF PUBLIC WORKS

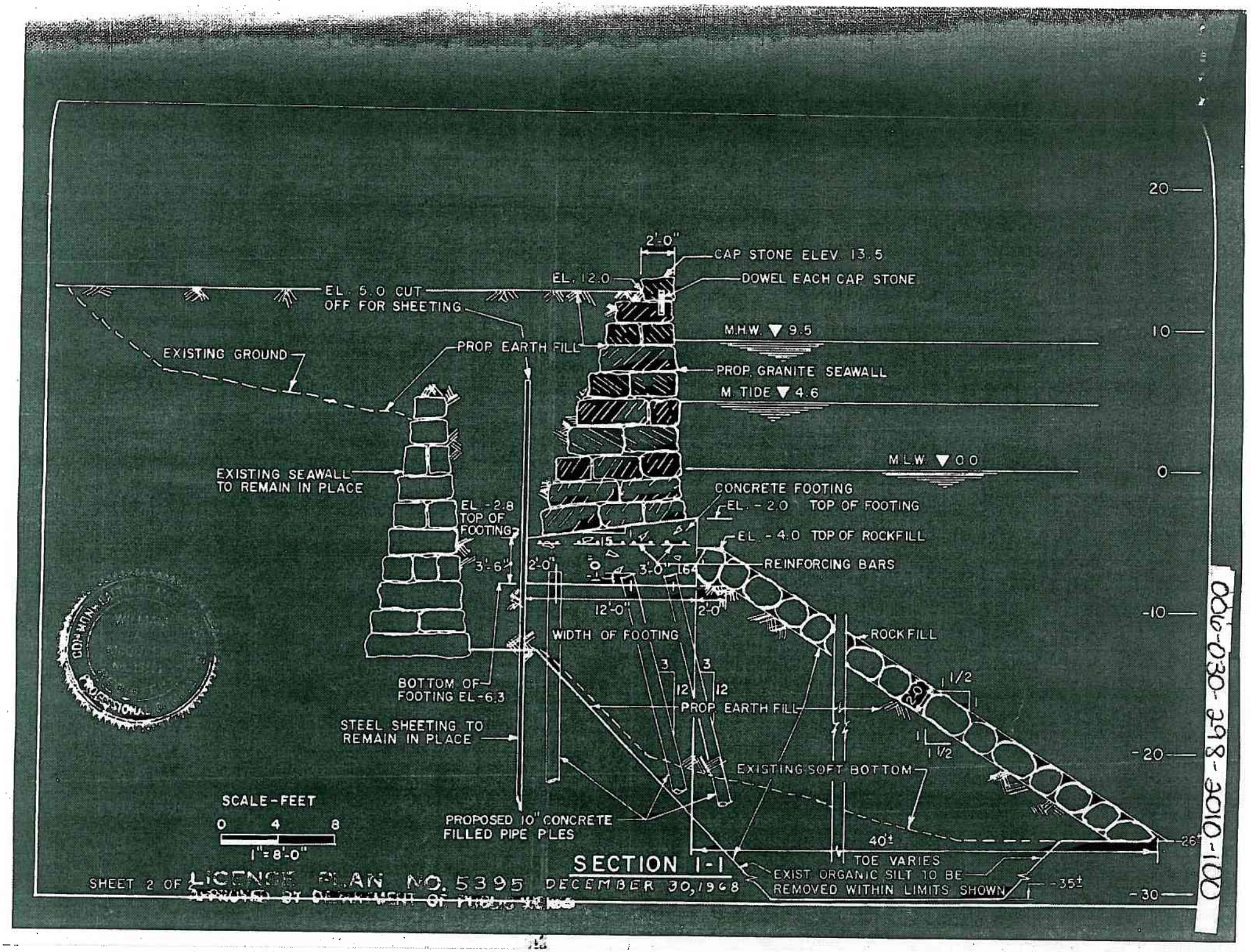
Peter Brooks
Robert S. Fox
Charles A. Bishop — ASSOCIATE COMMISSIONERS

TO DEPARTMENT OF PUBLIC WORKS

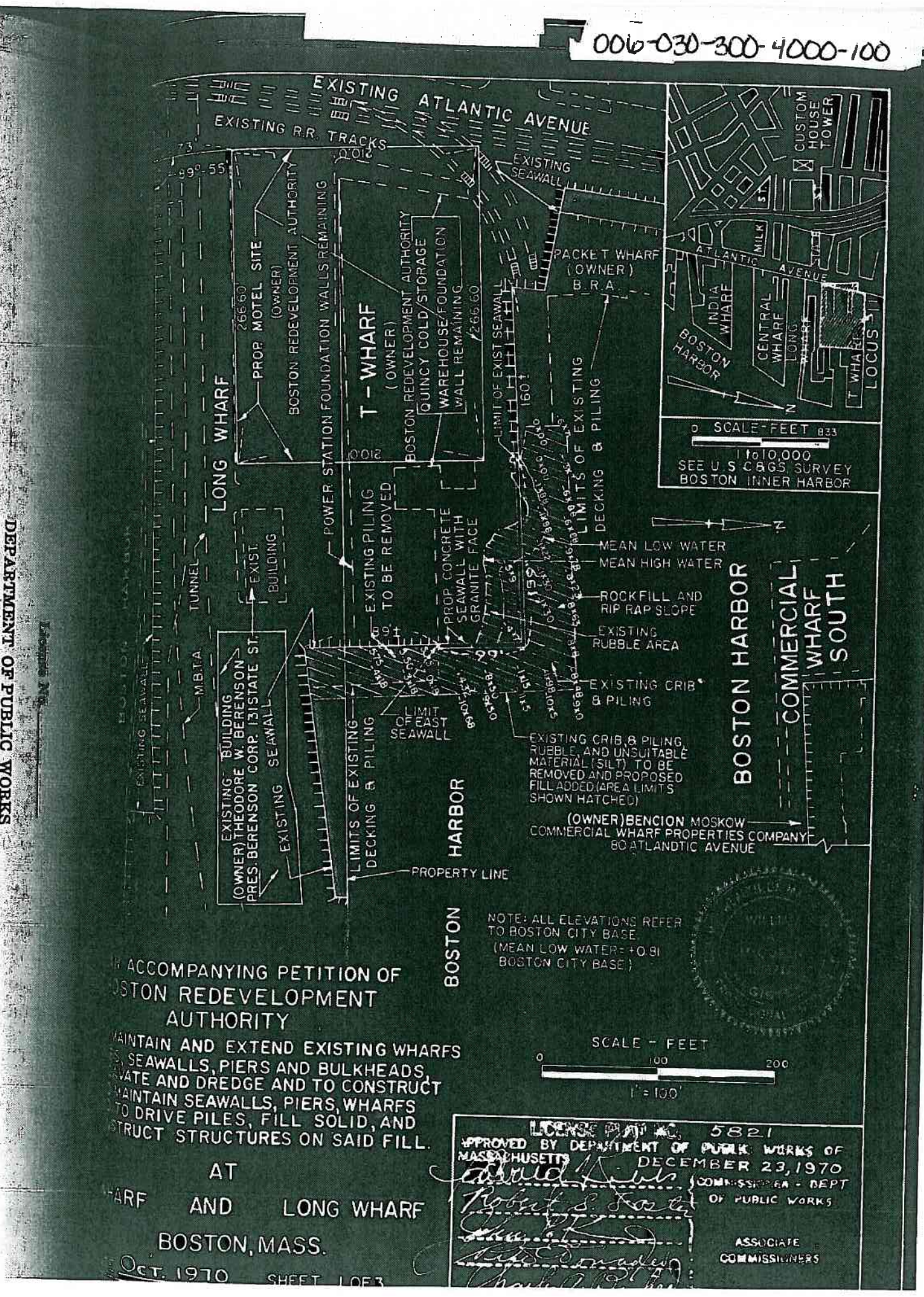

TIE BACK
EL 4.0
100 M.H.W.
0 M.L.W.
BACKFILL
MATERIAL
PROPOSED
SHEET PILE
BULKHEAD
H-PILES
-10.0
-20.0
-30.0
-40.0
ORGANIC SILT
CLAYEY GLACIAL
TILL
SECTION A-A
SCALE - FEET
0 10 20
1" = 10'
NOTE: ELEVATIONS REFER TO MEAN LOW WATER
SHEET 2 OF 2
LICENSE PLAN NO. 5456
APPROVED BY DEPARTMENT OF PUBLIC WORKS
NOVEMBER 6, 1968
000-030-298-3010-100



License No. 000-030-283-2010-100


2'-0"
CAP STONE ELEV. 13.5
DOWEL EACH CAP STONE
EL. 12.0
EL. 5.0 CUT OFF FOR SHEETING
M.H.W. ▼ 9.5
PROP. EARTH FILL
EXISTING GROUND
PROP. GRANITE SEAWALL
M. TIDE ▼ 4.6
M.L.W. ▼ 0.0
EXISTING SEAWALL TO REMAIN IN PLACE
CONCRETE FOOTING
EL. -2.8 TOP OF FOOTING
EL. -2.0 TOP OF FOOTING
EL. -4.0 TOP OF ROCKFILL
REINFORCING BARS
3'-6"
2'-0"
3'-0"
12'-0"
2'-0"
WIDTH OF FOOTING
ROCKFILL
BOTTOM OF FOOTING EL-6.3
PROP. EARTH FILL
STEEL SHEETING TO REMAIN IN PLACE
EXISTING SOFT BOTTOM
SCALE-FEET
0 4 8
1"=8'-0"
PROPOSED 10" CONCRETE FILLED PIPE PILES
40'±
TOE VARIES
EXIST ORGANIC SILT TO BE REMOVED WITHIN LIMITS SHOWN
-35'±
20
10
0
-10
-20
-30
-26'
SECTION 1-1
SHEET 2 OF LICENSE PLAN NO. 5395 DECEMBER 30, 1968
APPROVED BY DEPARTMENT OF PUBLIC WORKS
COMMONWEALTH OF MASSACHUSETTS
PROFESSIONAL
006-030-398-3010-100

006-030-300-4000-100



TO DEPARTMENT OF PUBLIC WORKS

Location No. _____

ACCOMPANYING PETITION OF
STON REDEVELOPMENT
AUTHORITY

AINTAIN AND EXTEND EXISTING WHARFS
, SEAWALLS, PIERS AND BULKHEADS,
VATE AND DREDGE AND TO CONSTRUCT
AINTAIN SEAWALLS, PIERS, WHARFS
TO DRIVE PILES, FILL SOLID, AND
STRUCT STRUCTURES ON SAID FILL.

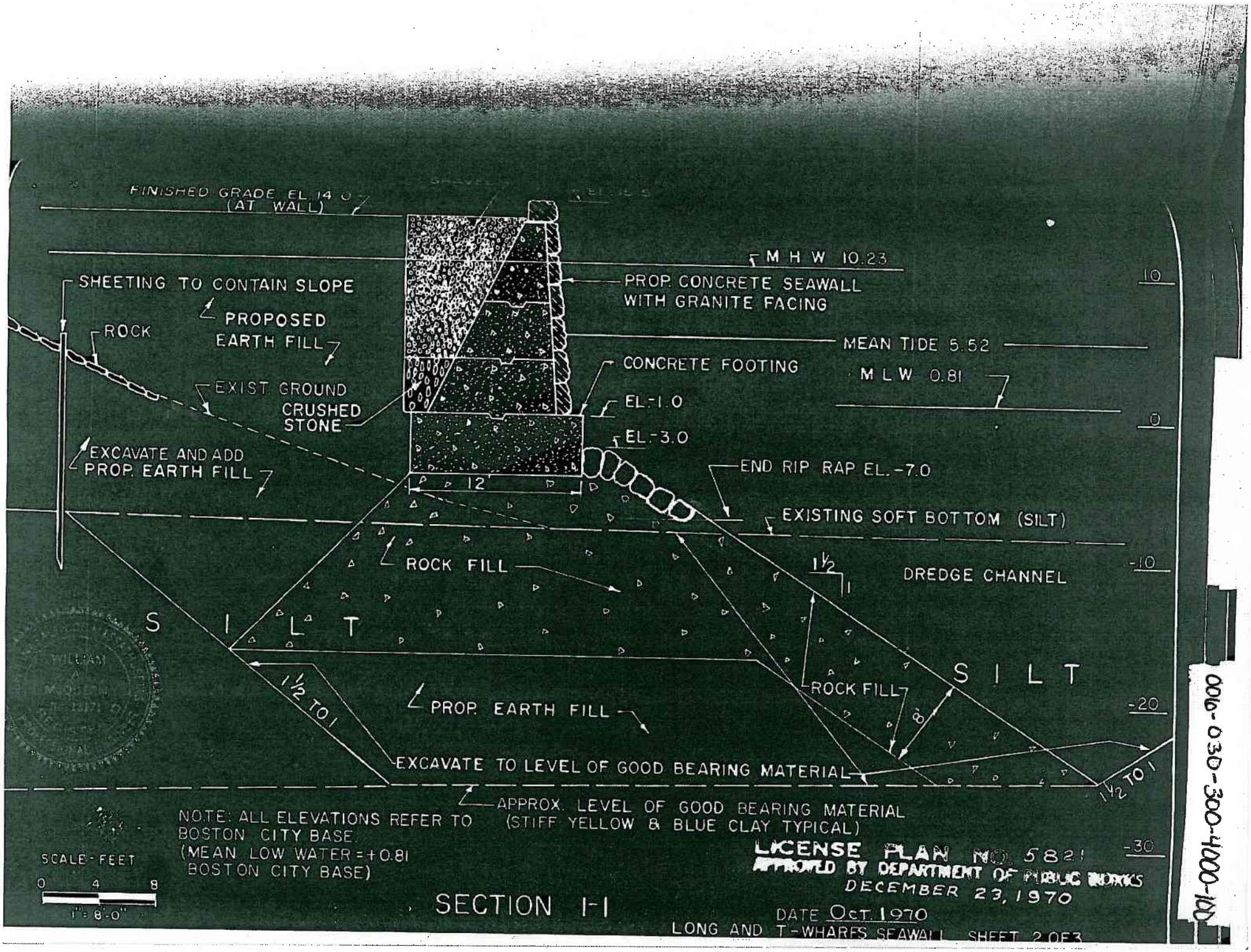
AT

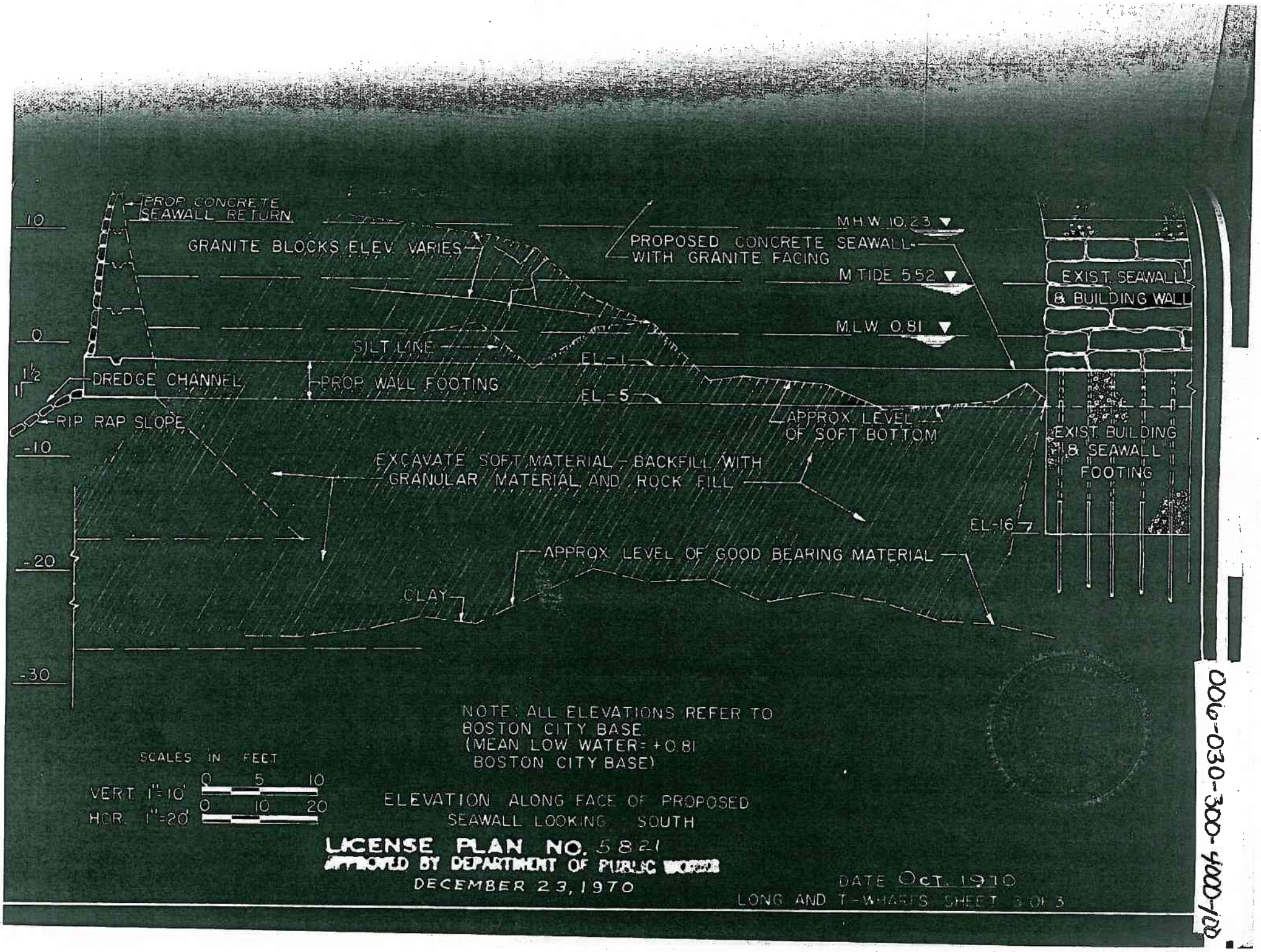
ARF AND LONG WHARF

BOSTON, MASS.

OCT. 1970 SHEET 1 OF 3

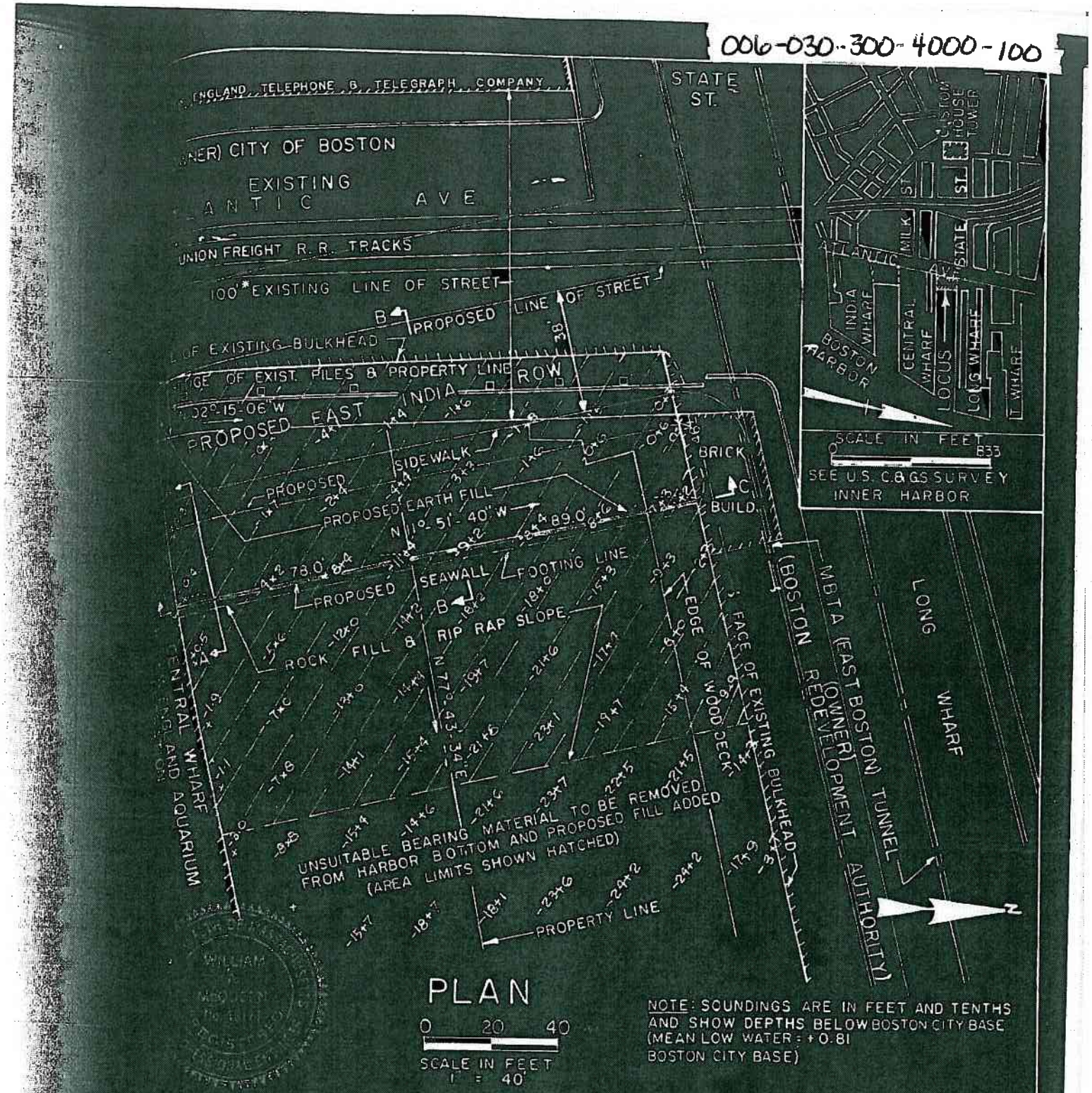
LICENSE PLAN NO. 5821
APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS
DECEMBER 23, 1970
COMMISSIONER - DEPT OF PUBLIC WORKS
ASSOCIATE COMMISSIONERS


FINISHED GRADE EL 14.0
(AT WALL)
M H W 10.23
SHEETING TO CONTAIN SLOPE
PROPOSED
EARTH FILL
ROCK
PROP. CONCRETE SEAWALL
WITH GRANITE FACING
MEAN TIDE 5.52
M L W 0.81
CONCRETE FOOTING
EXIST. GROUND
CRUSHED
STONE
EL -1.0
EL -3.0
EXCAVATE AND ADD
PROP. EARTH FILL
END RIP RAP EL. -7.0
12
EXISTING SOFT BOTTOM (SILT)
ROCK FILL
1½
1
DREDGE CHANNEL
S I L T
1½ TO 1
PROP. EARTH FILL
ROCK FILL
8'
S I L T
EXCAVATE TO LEVEL OF GOOD BEARING MATERIAL
1½ TO 1
APPROX. LEVEL OF GOOD BEARING MATERIAL
(STIFF YELLOW & BLUE CLAY TYPICAL)
10
0
-10
-20
-30
NOTE: ALL ELEVATIONS REFER TO
BOSTON CITY BASE.
(MEAN LOW WATER = +0.81
BOSTON CITY BASE)
SCALE - FEET
0 4 8
1" = 8'-0"
SECTION 1-1
LICENSE PLAN NO 5821
APPROVED BY DEPARTMENT OF PUBLIC WORKS
DECEMBER 23, 1970
DATE Oct. 1970
LONG AND T-WHARFS SEAWALL SHEET 2 OF 3
006-030-300-4000-100



006-030-300-400-108

006-030-300-4000-100



PLAN

0 20 40

SCALE IN FEET
1" = 40'

NOTE: SOUNDINGS ARE IN FEET AND TENTHS AND SHOW DEPTHS BELOW BOSTON CITY BASE (MEAN LOW WATER = +0.81 BOSTON CITY BASE)

*100' WIDE LAYOUT OF ATLANTIC AVE. AUTHORIZED UNDER CHAP 324, ACT OF 1867, FILL & SEAWALL BY H&L. LIC. 29

AN ACCOMPANYING PETITION OF

BOSTON REDEVELOPMENT AUTHORITY

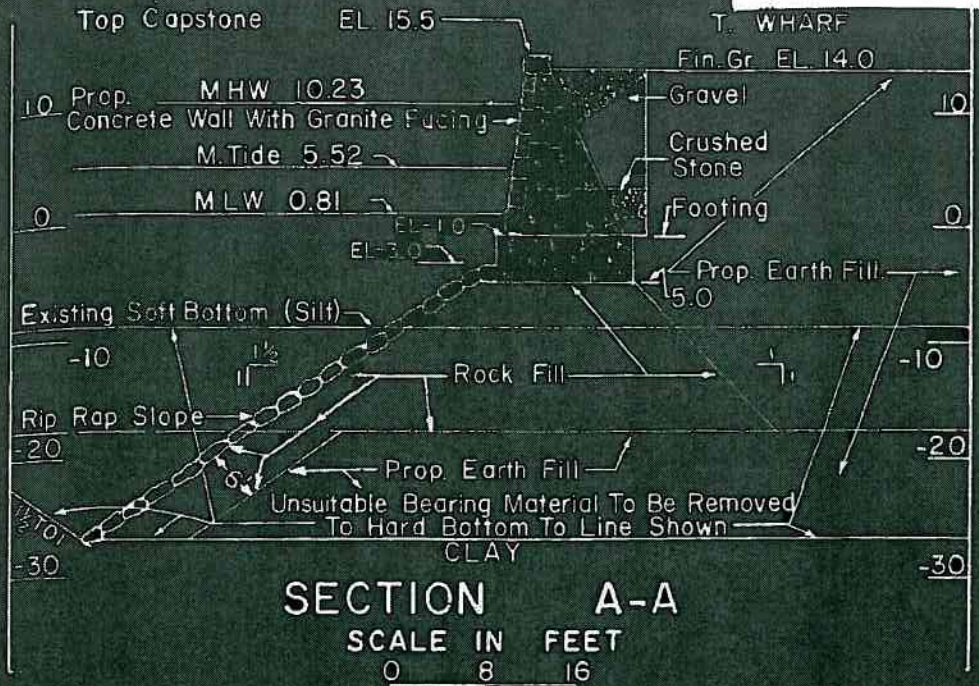
TO EXCAVATE, CONSTRUCT AND MAINTAIN ROCK BARRIER AND STONEFACE SEAWALL AND TO FILL AT AND BETWEEN.

CENTRAL & LONG WHARFS
BOSTON HARBOR BOSTON, MASS.

DATE Oct. 1970 SHEET 1 OF 3

LICENSE PLAN NO. 5822
APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS
DECEMBER 23, 1970
COMMISSIONER - DEPT. OF PUBLIC WORKS
ASSOCIATE COMMISSIONERS

006-030-300-4000-100



SECTION A-A

SCALE IN FEET

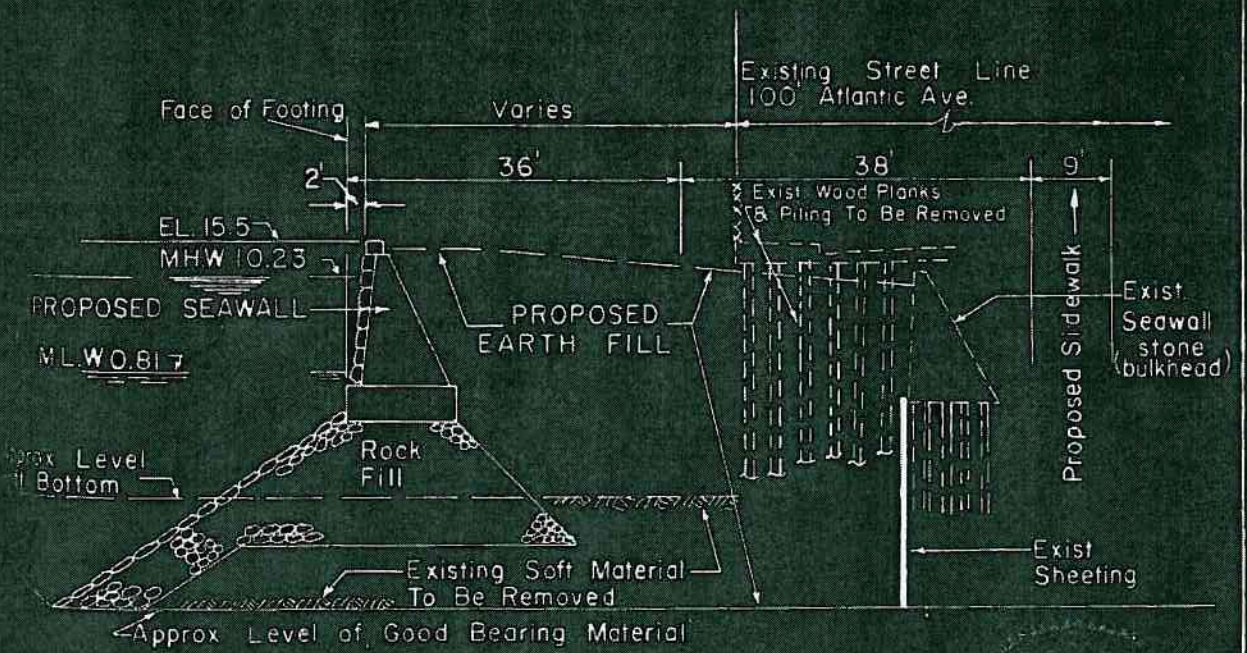
0 8 16

1" = 16'

LICENSE PLAN NO. 5822

APPROVED BY DEPARTMENT OF PUBLIC WORKS

DECEMBER 23, 1970



SECTION B-B

SCALE IN FEET

0 10 20

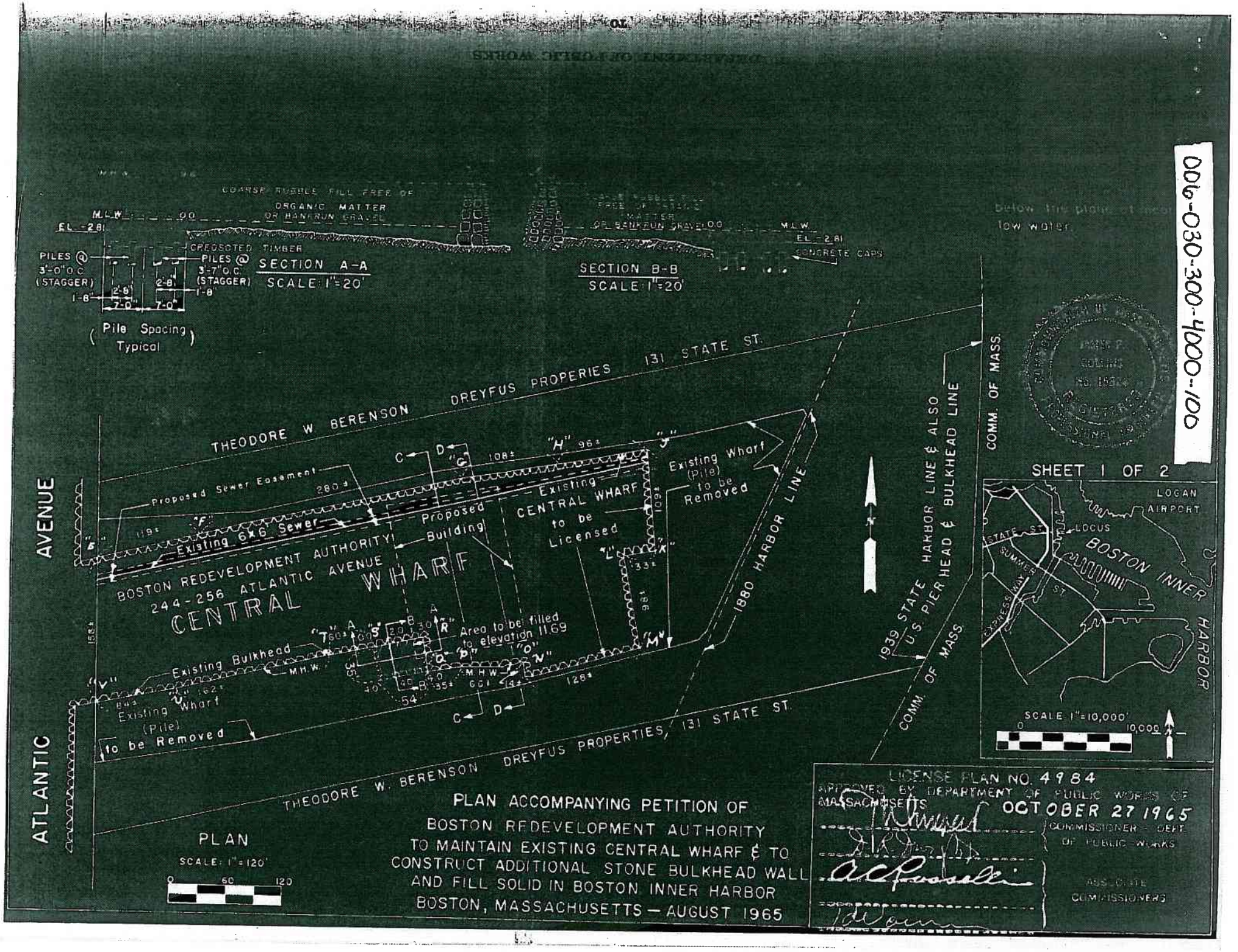
1" = 20'

NOTE: ALL ELEVATIONS REFER TO BOSTON CITY BASE.
MEAN LOW WATER = +0.81 BOSTON CITY BASE)

DATE Oct. 1970

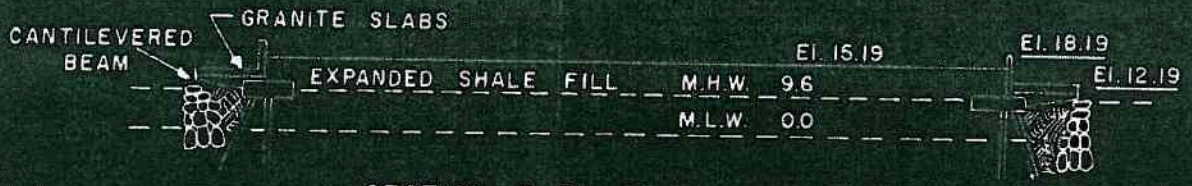
CENTRAL TO LONG WHARFS SEAWALL - SHEET 2 OF 3

000-030-300-4000-100


006-030-300-4000-100
SHEET 1 OF 2
COARSE RUBBLE FILL FREE OF ORGANIC MATTER OR BANKRUN GRAVEL
M.L.W.
EL -2.81
CREOSOTED TIMBER
PILES @ 3'-0" O.C. (STAGGER)
PILES @ 3'-7" O.C. (STAGGER)
SECTION A-A
SCALE 1"=20'
Pile Spacing Typical
SECTION B-B
SCALE 1"=20'
CONCRETE CAPS
low water
THEODORE W. BERENSON
DREYFUS PROPERIES
131 STATE ST.
ATLANTIC AVENUE
COMM. OF MASS.
1880 HARBOR LINE
1939 STATE HARBOR LINE & ALSO U.S. PIER HEAD & BULKHEAD LINE
Proposed Sewer Easement
Existing 6'x6' Sewer
BOSTON REDEVELOPMENT AUTHORITY
244-256 ATLANTIC AVENUE
CENTRAL WHARF
Proposed Building
Existing CENTRAL WHARF to be Licensed
Existing Wharf (Pile) to be Removed
Existing Bulkhead
M.H.W.
Area to be filled to elevation 11.69
LOGAN AIRPORT
LOCUS
STATE ST.
SUMMER ST.
EXPRESSWAY
BOSTON INNER HARBOR
SCALE 1"=10,000'
PLAN
SCALE: 1"=120'
PLAN ACCOMPANYING PETITION OF
BOSTON REDEVELOPMENT AUTHORITY
TO MAINTAIN EXISTING CENTRAL WHARF & TO CONSTRUCT ADDITIONAL STONE BULKHEAD WALL AND FILL SOLID IN BOSTON INNER HARBOR
BOSTON, MASSACHUSETTS — AUGUST 1965
LICENSE PLAN NO. 4984
APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS
OCTOBER 27 1965
COMMISSIONER - DEPT. OF PUBLIC WORKS
ASS'T COMMISSIONERS

6"x6" SEWER

SECTION C-C EXISTING CONDITIONS
SCALE: 1"= 40'

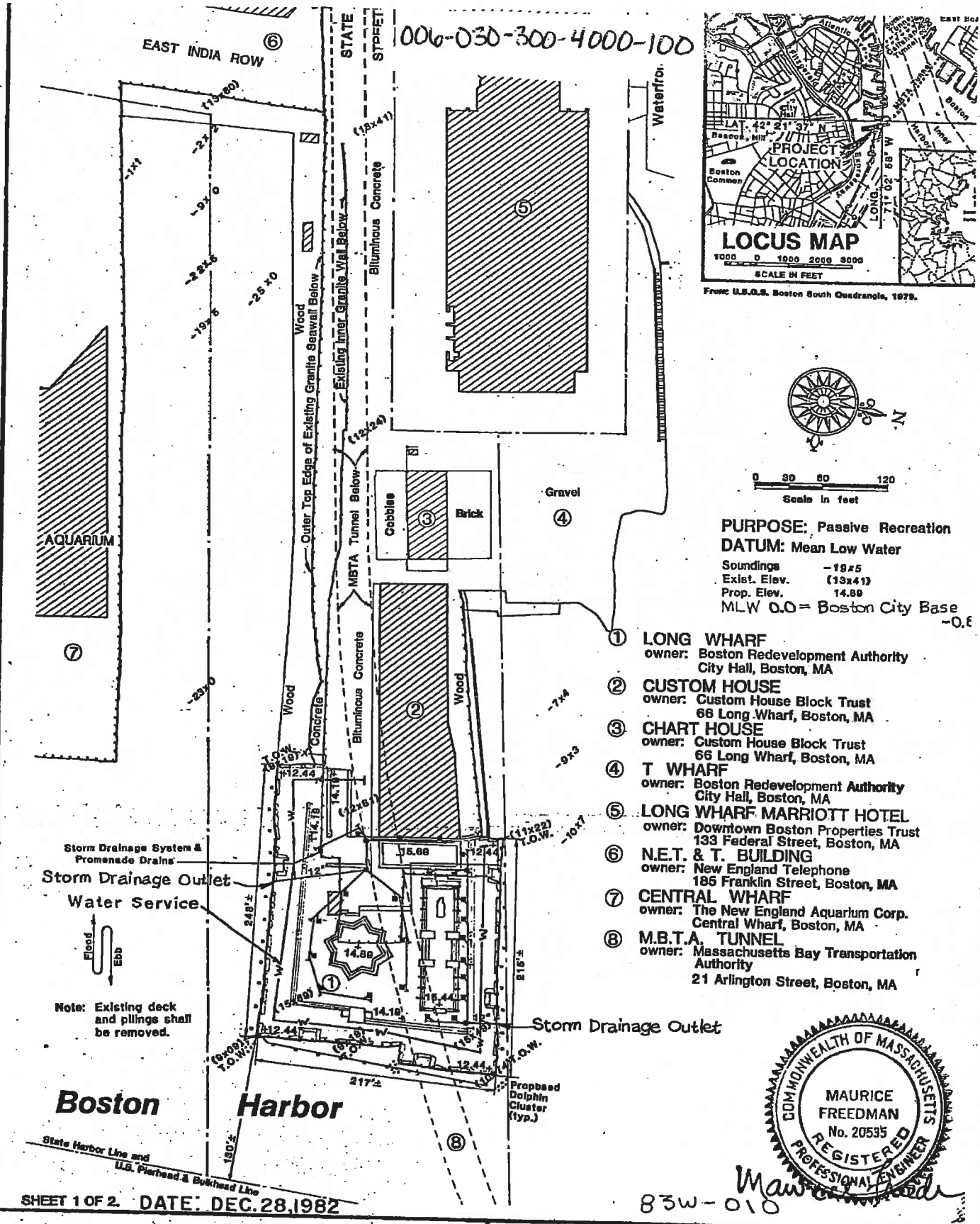


SECTION D-D PROPOSED CONDITIONS
SCALE: 1"= 40'

006-030-300-4000-100

SHEET 2 OF 2

LICENSE PLAN NO. 4984
APPROVED BY DEPARTMENT OF PUBLIC WORKS



SHEET 1 OF 2. DATE: DEC. 28, 1982

83w-010

PLAN ACCOMPANYING PETITION OF

BOSTON REDEVELOPMENT AUTHORITY

TO RENOVATE AND MAINTAIN

LONG WHARF

AT BOSTON INNER HARBOR

BOSTON, SUFFOLK COUNTY, MASS.

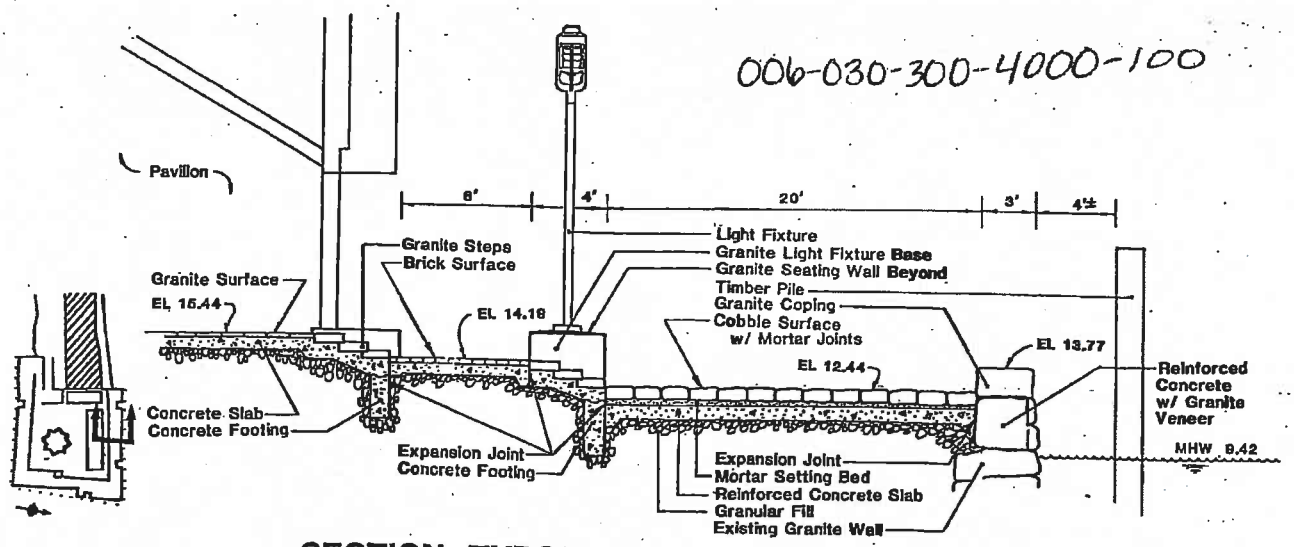
LICENSE PLAN NO 988

Approved by Department of Environmental Quality Engineering of Massachusetts JUNE 6, 1983

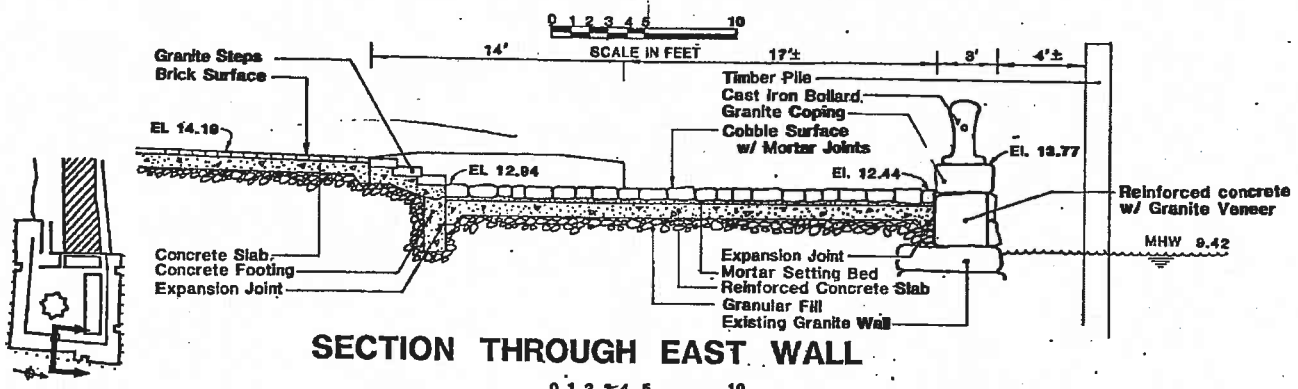
COMMISSIONER

CHIEF ENGINEER

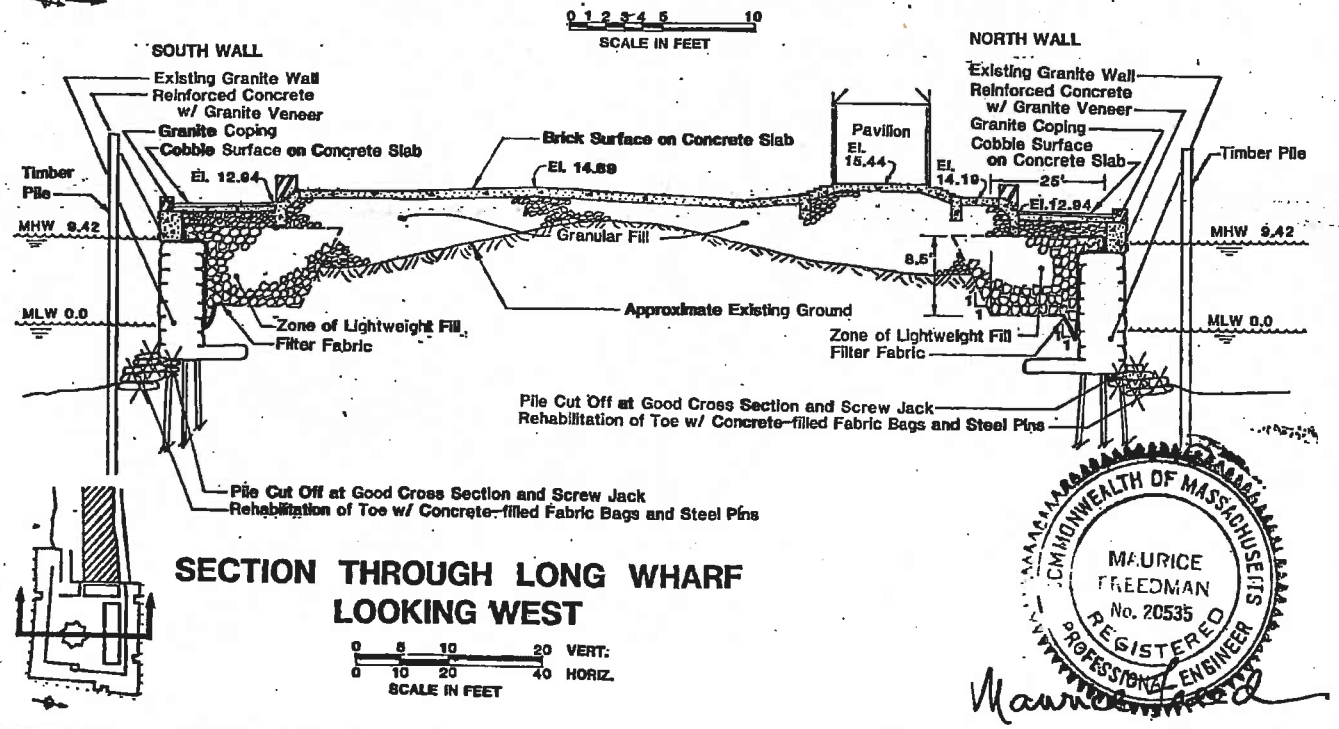
006-030-300-4000-100



SECTION THROUGH NORTH WALL



SECTION THROUGH EAST WALL



SECTION THROUGH LONG WHARF LOOKING WEST

0 5 10 20 VERT:
0 10 20 40 HORIZ.
SCALE IN FEET

COMMONWEALTH OF MASSACHUSETTS
MAURICE FREEDMAN
No. 20535
REGISTERED PROFESSIONAL ENGINEER

Maurice Freedman

SHEET 2 OF 2. DATE: DEC.28,1982

83W-010

PLAN ACCOMPANYING PETITION OF

BOSTON REDEVELOPMENT AUTHORITY

TO RENOVATE AND MAINTAIN

LONG WHARF

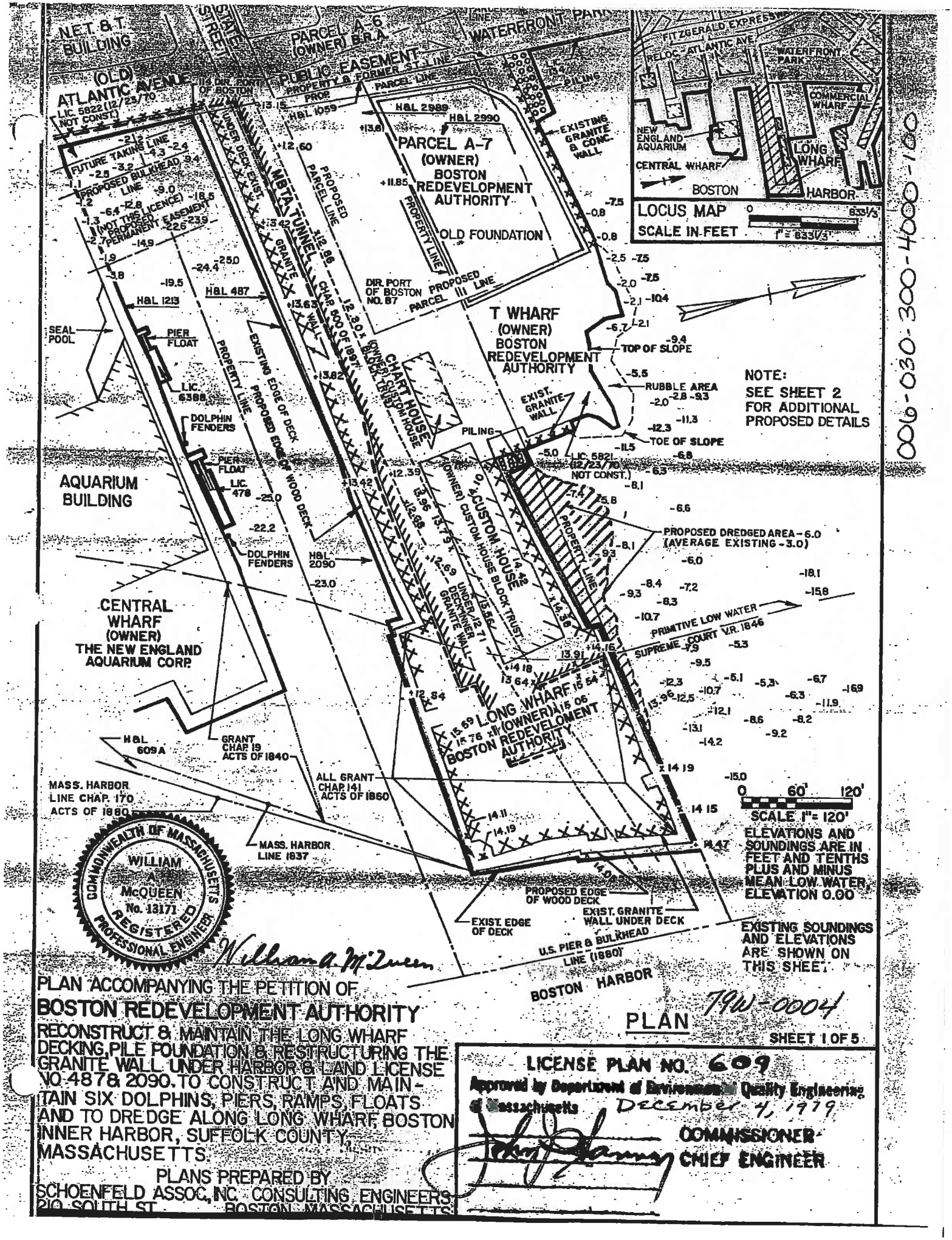
AT BOSTON INNER HARBOR

BOSTON, SUFFOLK COUNTY, MASS.

LICENSE PLAN NO. 988

Approved by Department of Environmental Quality Engineering

JUNE 6, 1983



COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN
No. 13171
REGISTERED PROFESSIONAL ENGINEER

William A. McQueen

PLAN ACCOMPANYING THE PETITION OF

BOSTON REDEVELOPMENT AUTHORITY

RECONSTRUCT & MAINTAIN THE LONG WHARF DECKING, PILE FOUNDATION & RESTRUCTURING THE GRANITE WALL UNDER HARBOR & LAND LICENSE NO. 4878 & 2090. TO CONSTRUCT AND MAINTAIN SIX DOLPHINS, PIERS, RAMPS, FLOATS AND TO DREDGE ALONG LONG WHARF BOSTON INNER HARBOR, SUFFOLK COUNTY, MASSACHUSETTS.

PLANS PREPARED BY
SCHOENFELD ASSOC., INC. CONSULTING ENGINEERS
210 SOUTH ST. BOSTON, MASSACHUSETTS

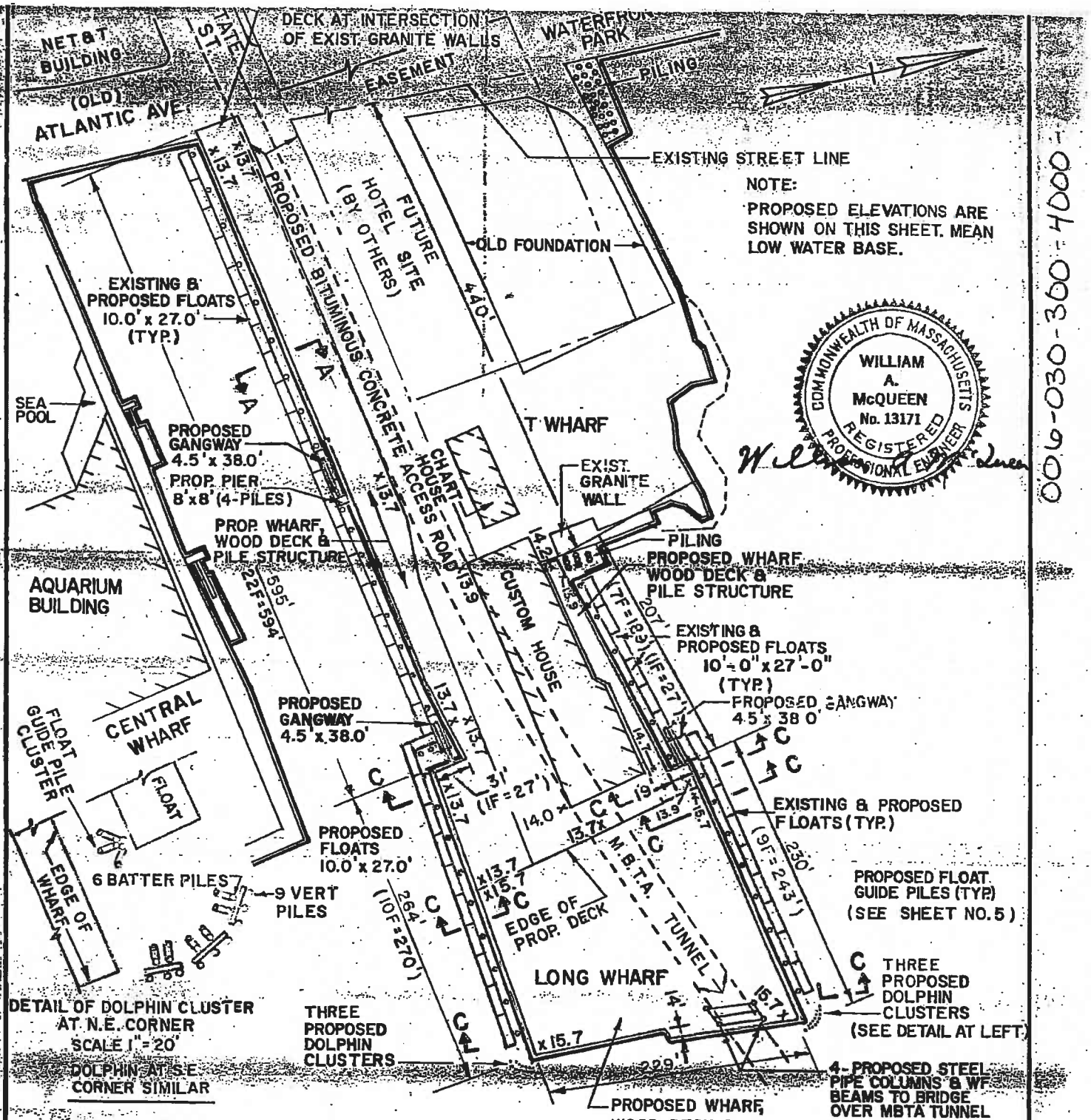
PLAN 79W-0004

SHEET 1 OF 5

LICENSE PLAN NO. 609

Approved by Department of Environmental Quality Engineering of Massachusetts December 4, 1979

COMMISSIONER
CHIEF ENGINEER



LOCATION	SIZE OF FLOATS	NO. OF FLOATS	NO. OF GUIDE PILE CLUSTERS	NO. OF DOLPHINS PILE CLUSTERS
NORTH SIDE	10'x27'	17	14	3
SOUTH SIDE	10'x27'	33	28	3

EACH GUIDE PILE CLUSTER HAS 1-VERT. & 3 BATTER PILES
EACH DOLPHIN PILE CLUSTER HAS 3-VERT. & 2 BATTER PILES
TOTAL NO. OF PILES = 202
FOR SECTIONS (SEE SHEET NO's 3 & 4.)

PLAN

SHOWING RECONSTRUCTED DECK AREA, PROPOSED DOLPHINS, PIERS, RAMP AND FLOATS.

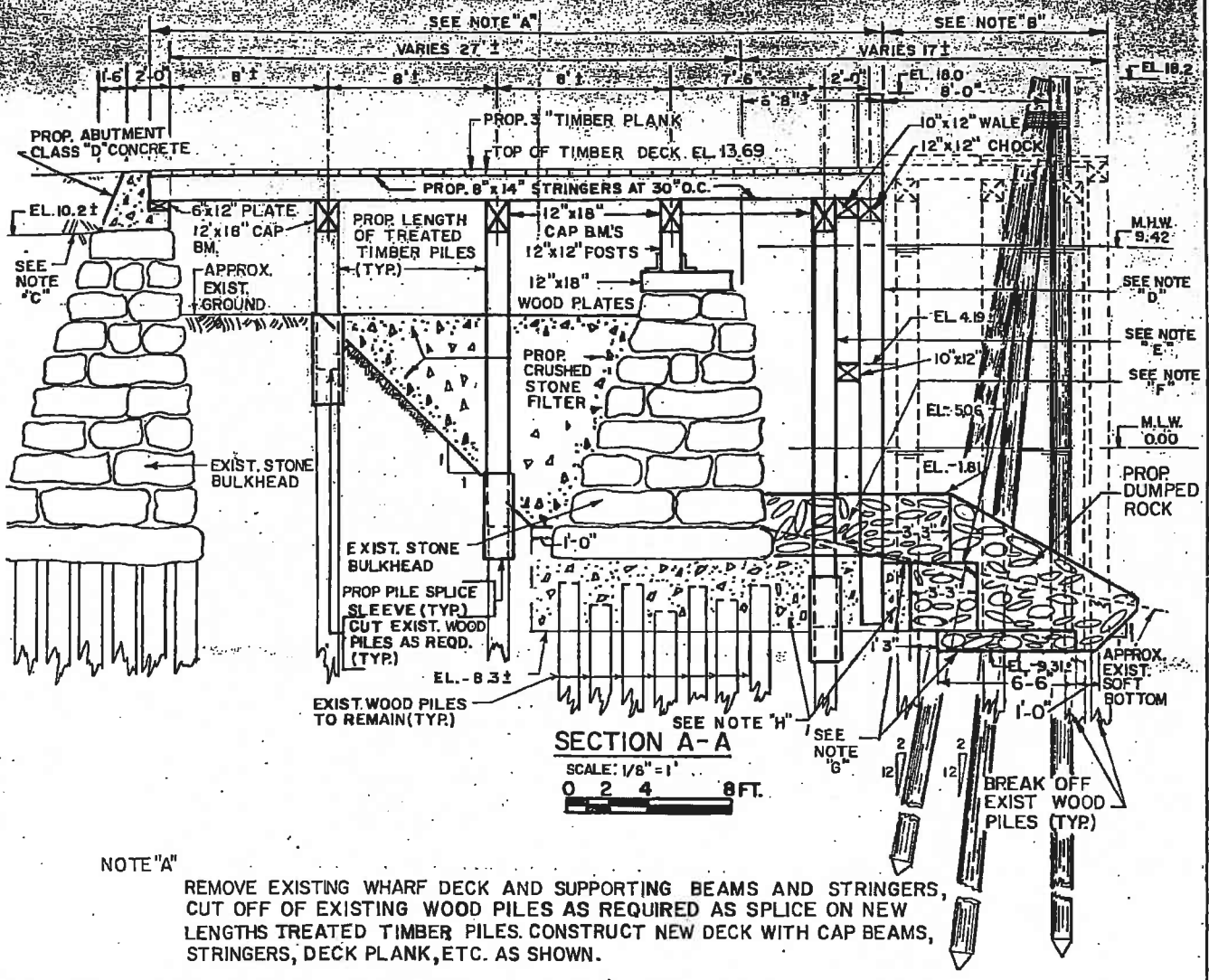
79W-0004

LICENSE PLAN NO. 609

Approved by Department of Environmental Quality Engineering
December 4, 1979

SHEET 2 OF 5

0064-030-360-4000



SECTION A-A

SCALE: 1/8" = 1'

0 2 4 8 FT.

NOTE "A"

REMOVE EXISTING WHARF DECK AND SUPPORTING BEAMS AND STRINGERS, CUT OFF OF EXISTING WOOD PILES AS REQUIRED AS SPLICE ON NEW LENGTHS TREATED TIMBER PILES. CONSTRUCT NEW DECK WITH CAP BEAMS, STRINGERS, DECK PLANK, ETC. AS SHOWN.

NOTE "B"

REMOVE EXISTING WHARF CONSTRUCTION. CUT OFF EXISTING WOOD PILES AT MUD LINE AND REMOVE.

NOTE "C"

REMOVE STONE AS REQUIRED FROM TOP OF EXISTING BULKHEAD. REBUILD TO A LEVEL TOP ELEVATION 10.2 ±

NOTE "D"

PROPOSED TREATED TIMBER FASCIA PILES AT 5'± O.C., PLACED PRIOR TO PUMPING CONCRETE FOOTING.

NOTE "E"

PROPOSED LENGTH OF TREATED TIMBER PILES, PILES AND SPLICES TO BE PLACED PRIOR TO PUMPING CONCRETE FOOTING.

NOTE "F"

PROPOSED ROCK TO BE PLACED AFTER CONCRETE IN FOOTING HAS SET.

NOTE "G"

STEEL WIRE MESH BASKETS, GALVANIZED, WIRED TOGETHER AND FILLED WITH HAND-SIZED BOULDERS. CONSTRUCT PRIOR TO PUMPING CONCRETE FOOTING.

NOTE "H"

PROPOSED CLASS "D" CONCRETE TO BE PUMPED UNDER EXISTING BULKHEAD.

COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN
No. 13171
REGISTERED PROFESSIONAL ENGINEER

William A. McQueen

DATUM
MEAN LOW WATER
BASE

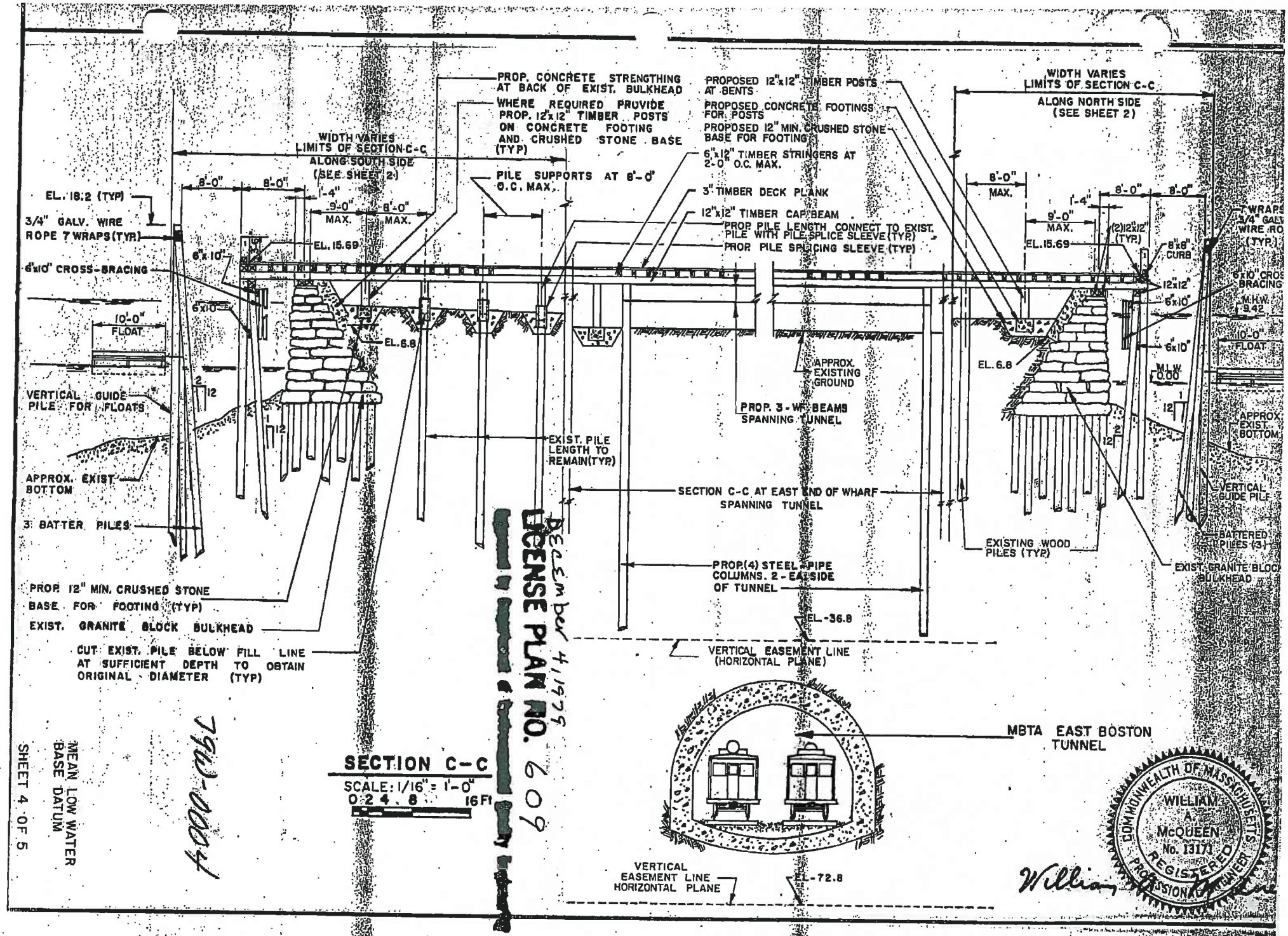
79W-0004

LICENSE PLAN NO. 609

Approved by Department of Environmental Quality Engineering

December 4, 1979

001-0004-030-0-900



SECTION C-C

SCALE: 1/16" = 1'-0"

0 2 4 8 16 Ft

MEAN LOW WATER BASE DATUM

SHEET 4 OF 5

79W-0004

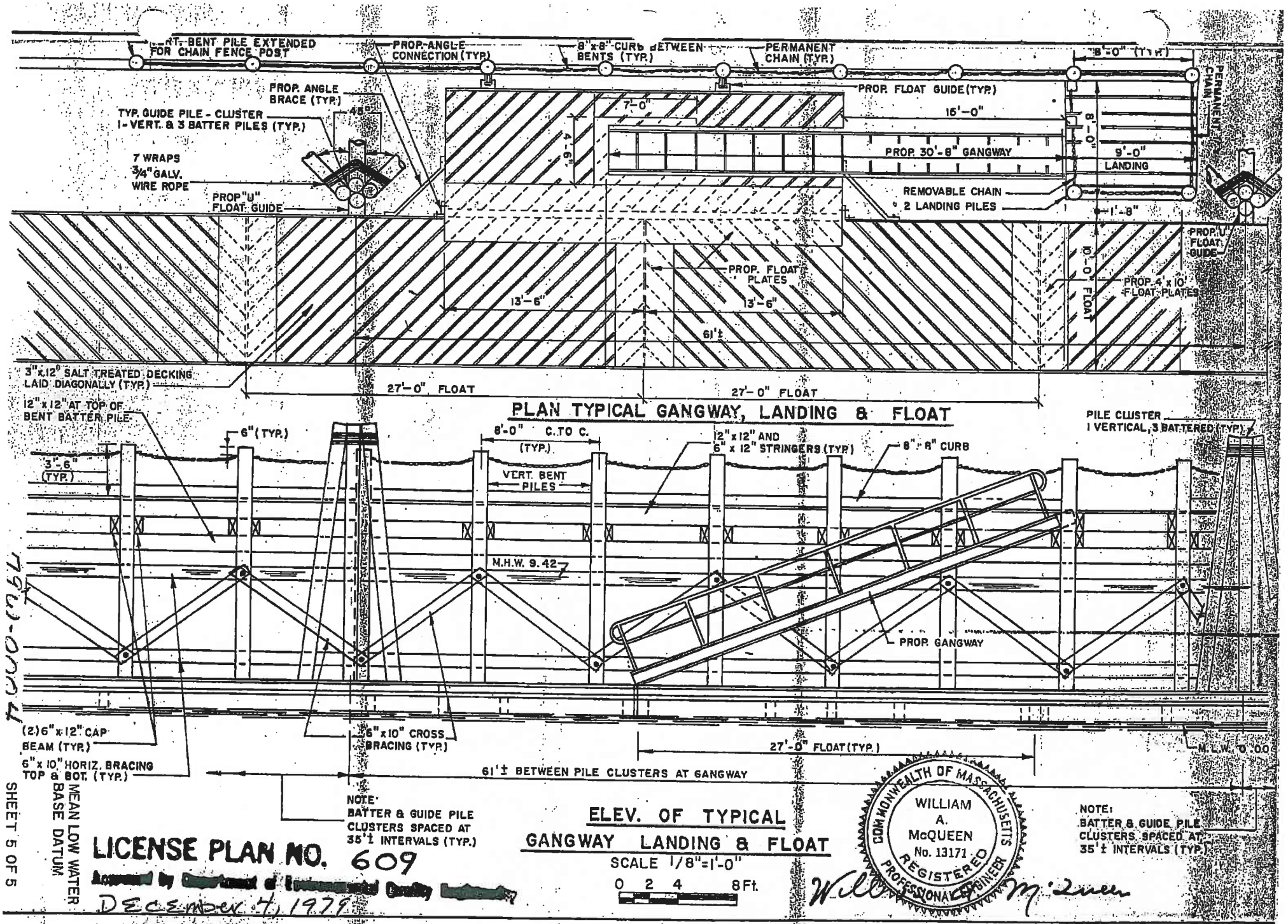
December 4, 1979

LICENSE PLAN NO. 609

COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN No. 13171 REGISTERED PROFESSIONAL ENGINEER

William A. McQueen

006-030-300-4000



LICENSE PLAN NO. 609

Approved by Department of Environmental Quality

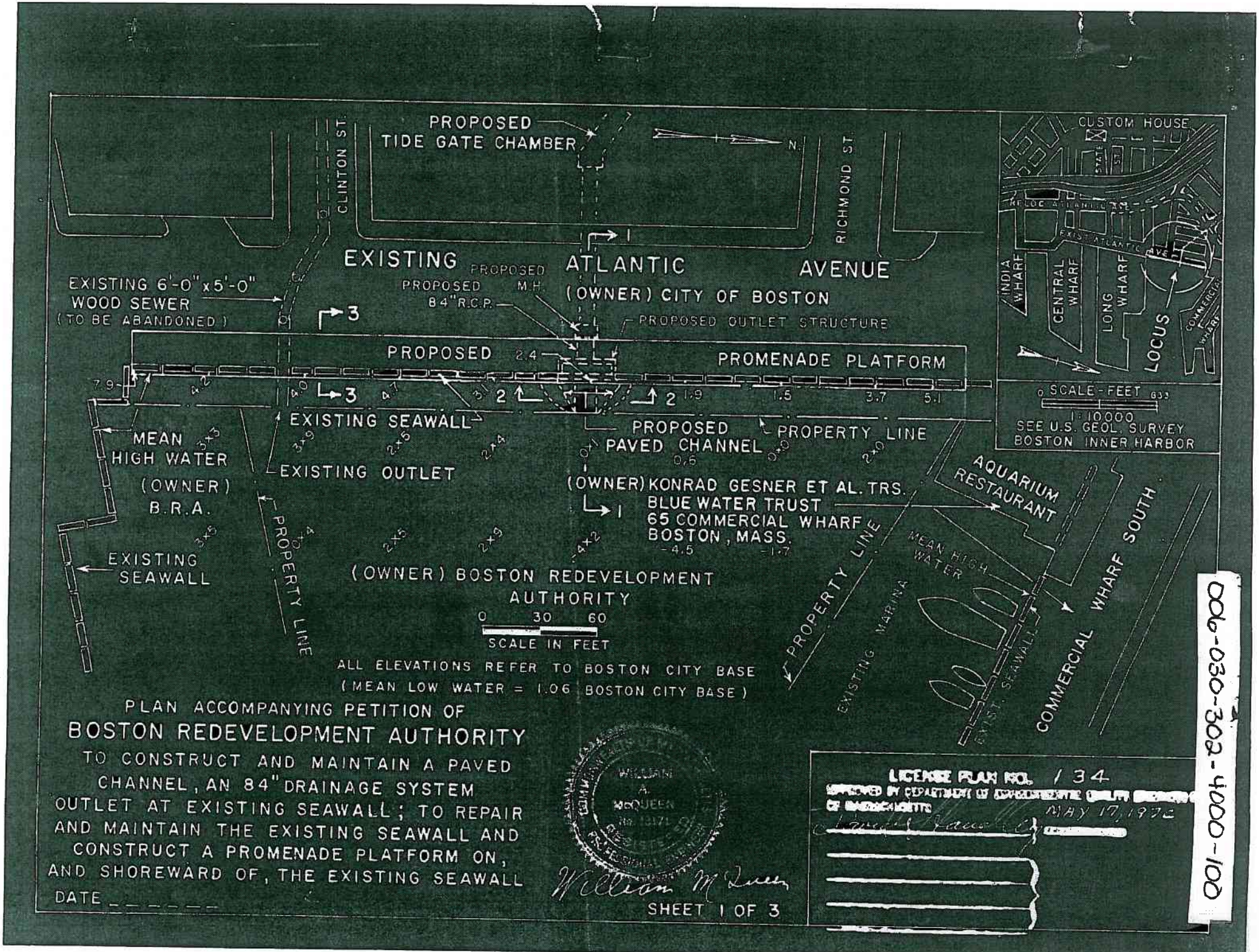
DECEMBER 4, 1979

MEAN LOW WATER BASE DATUM

SHEET 5 OF 5

79W-0004

006-030-300-4000-10



PLAN ACCOMPANYING PETITION OF
BOSTON REDEVELOPMENT AUTHORITY
TO CONSTRUCT AND MAINTAIN A PAVED CHANNEL, AN 84" DRAINAGE SYSTEM OUTLET AT EXISTING SEAWALL; TO REPAIR AND MAINTAIN THE EXISTING SEAWALL AND CONSTRUCT A PROMENADE PLATFORM ON, AND SHOREWARD OF, THE EXISTING SEAWALL

DATE _____

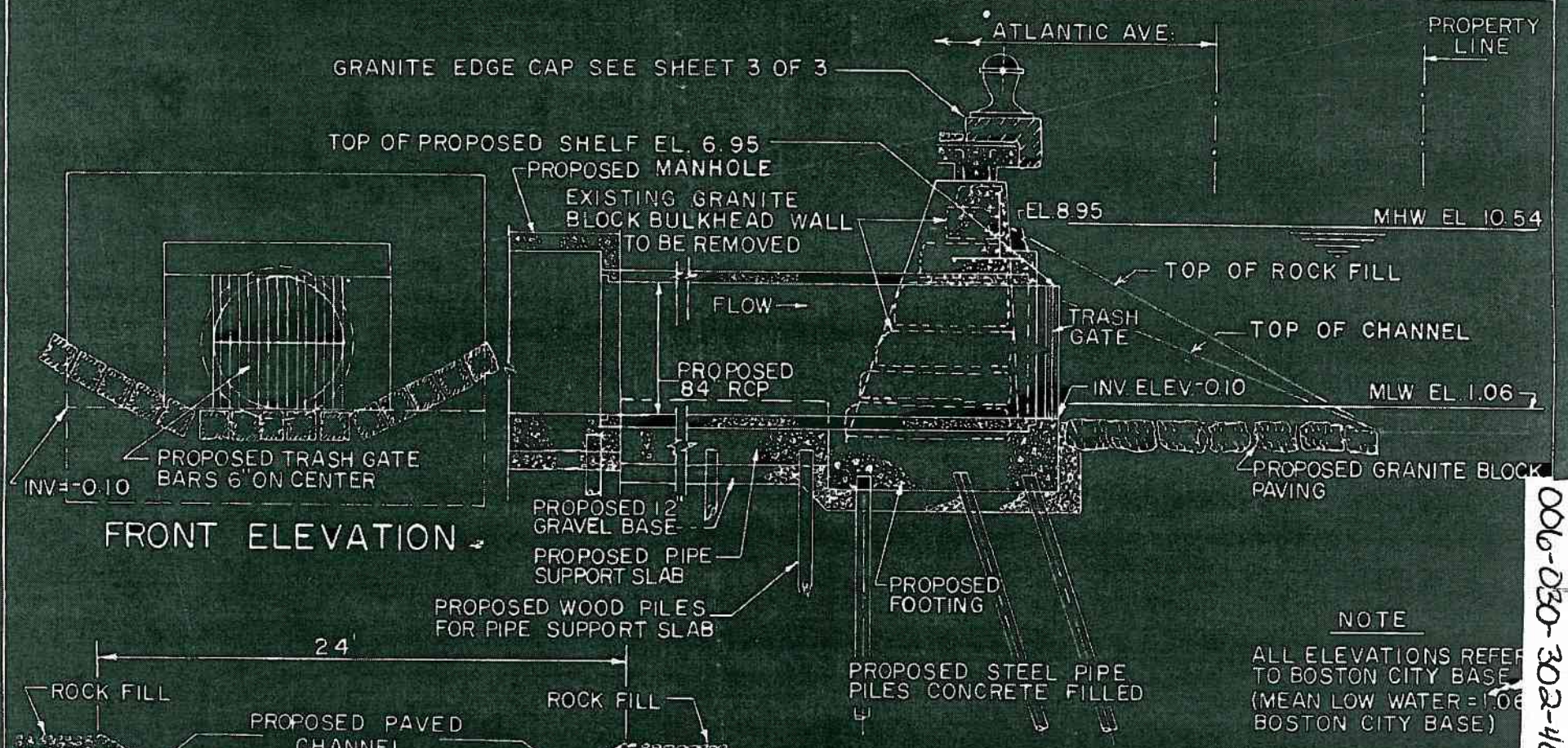
WILLIAM A. McQUEEN No. 13171 REGISTERED

William McQueen

SHEET 1 OF 3

LICENSE PLAN NO. 134
APPROVED BY DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING OF MASSACHUSETTS
MAY 17, 1972

006-030-302-4000-100



William A McQueen

LICENSE PLAN NO. 134

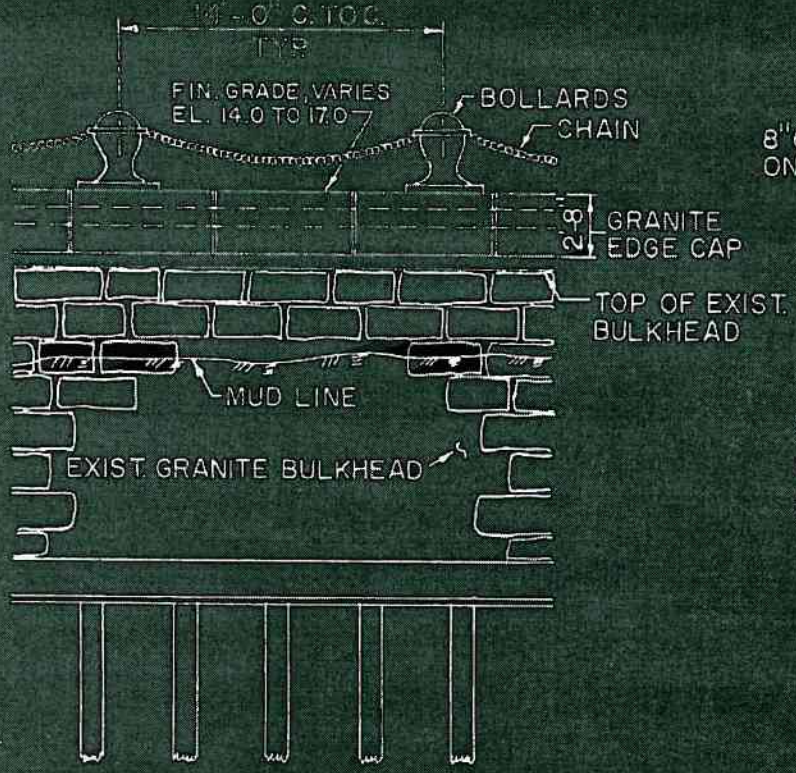
Approved by Department of Environmental Quality Engineering

MAY 17-1976

DATE

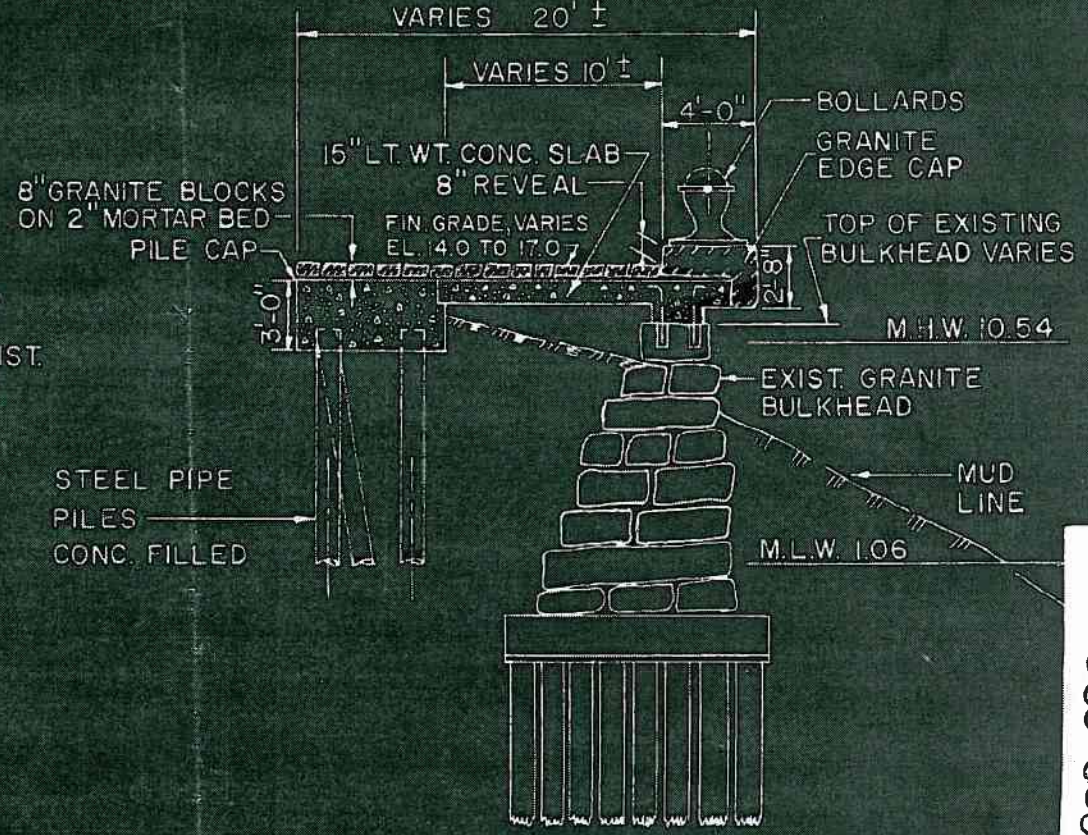
SHEET 2 OF 3

006-030-302-4000-100



ELEVATION AT FACE
OF EXIST. BULKHEAD

William A. McQueen



TYPICAL CROSS SECTION

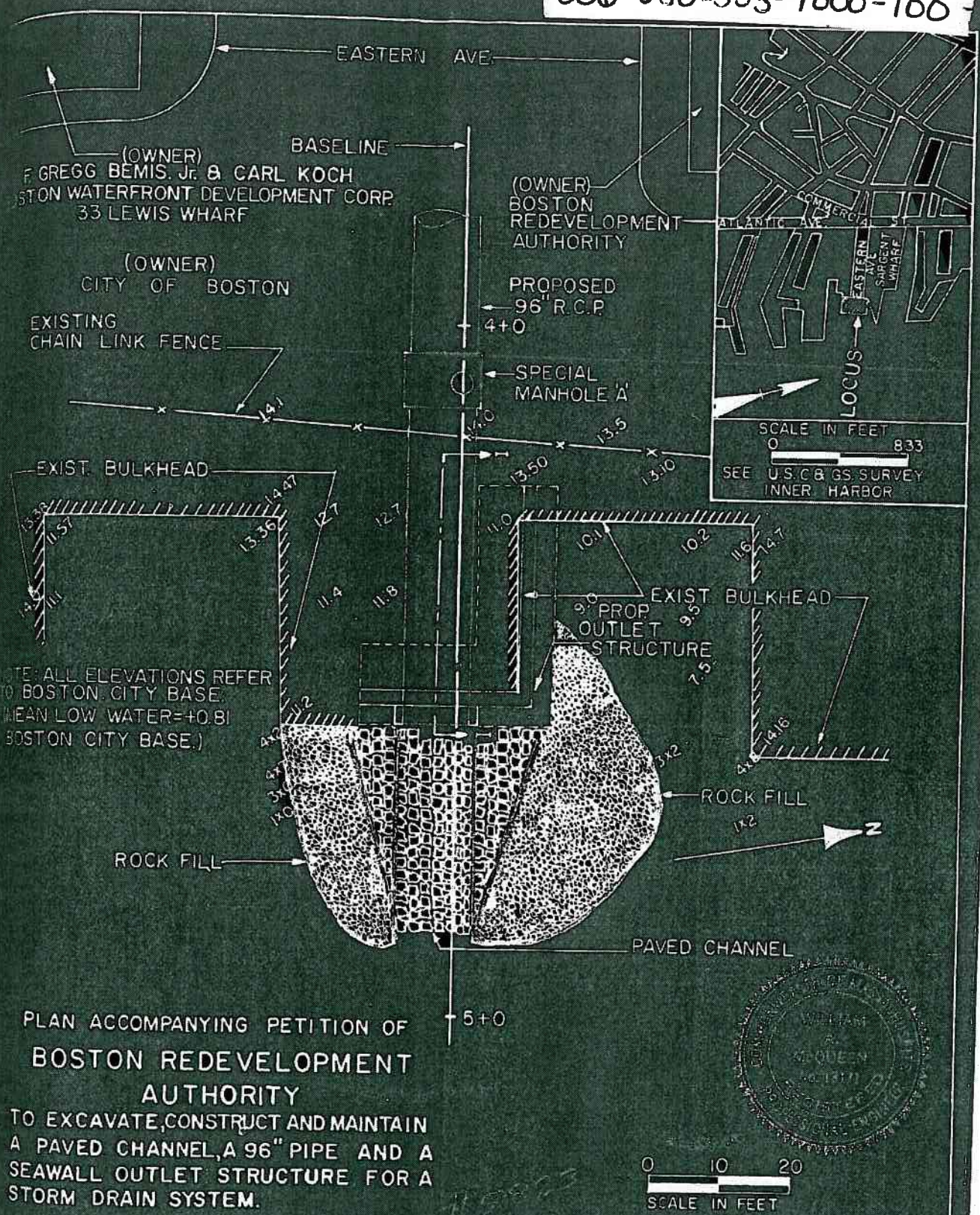
LICENSE PLAN NO. 134
Approved by Department of Environmental Quality Engineering
MAY 17, 1976

0 4 8
SCALE IN FEET

SHEET 3 OF 3

006-030-309-4000-100

006-030-303-7000-100



License No. _____

DEPARTMENT OF PUBLIC WORKS

PLAN ACCOMPANYING PETITION OF

BOSTON REDEVELOPMENT AUTHORITY

TO EXCAVATE, CONSTRUCT AND MAINTAIN A PAVED CHANNEL, A 96" PIPE AND A SEAWALL OUTLET STRUCTURE FOR A STORM DRAIN SYSTEM.

SARGENT WHARF

BOSTON HARBOR BOSTON, MASS.

LICENSE PLAN NO. 5823

APPROVED BY DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS

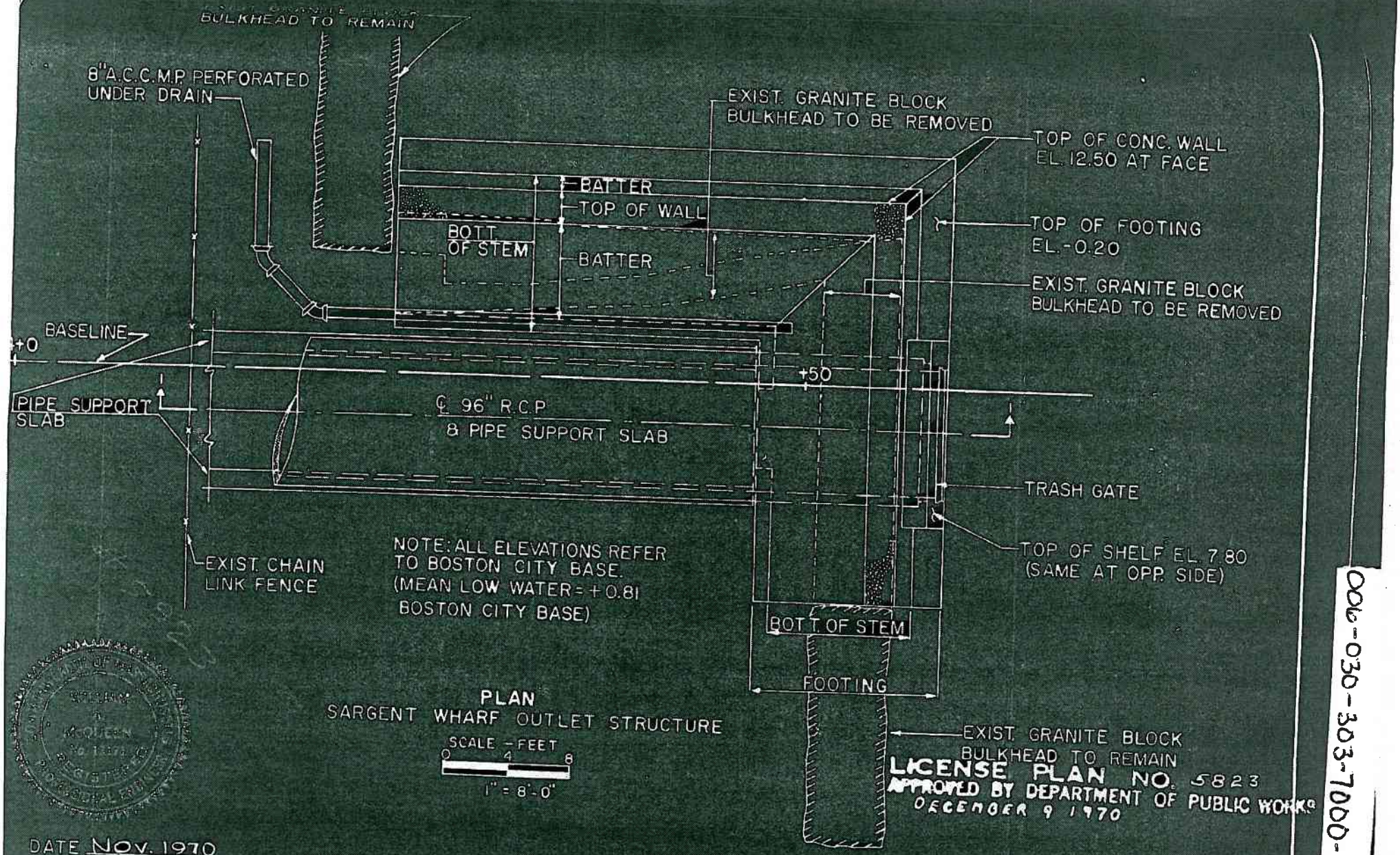
DECEMBER 9, 1970

COMMISSIONER DEPT OF PUBLIC WORKS

ASST. COMMISSIONER

SHEET 1 OF 3

DATE Nov. 1970



PLAN
SARGENT WHARF OUTLET STRUCTURE

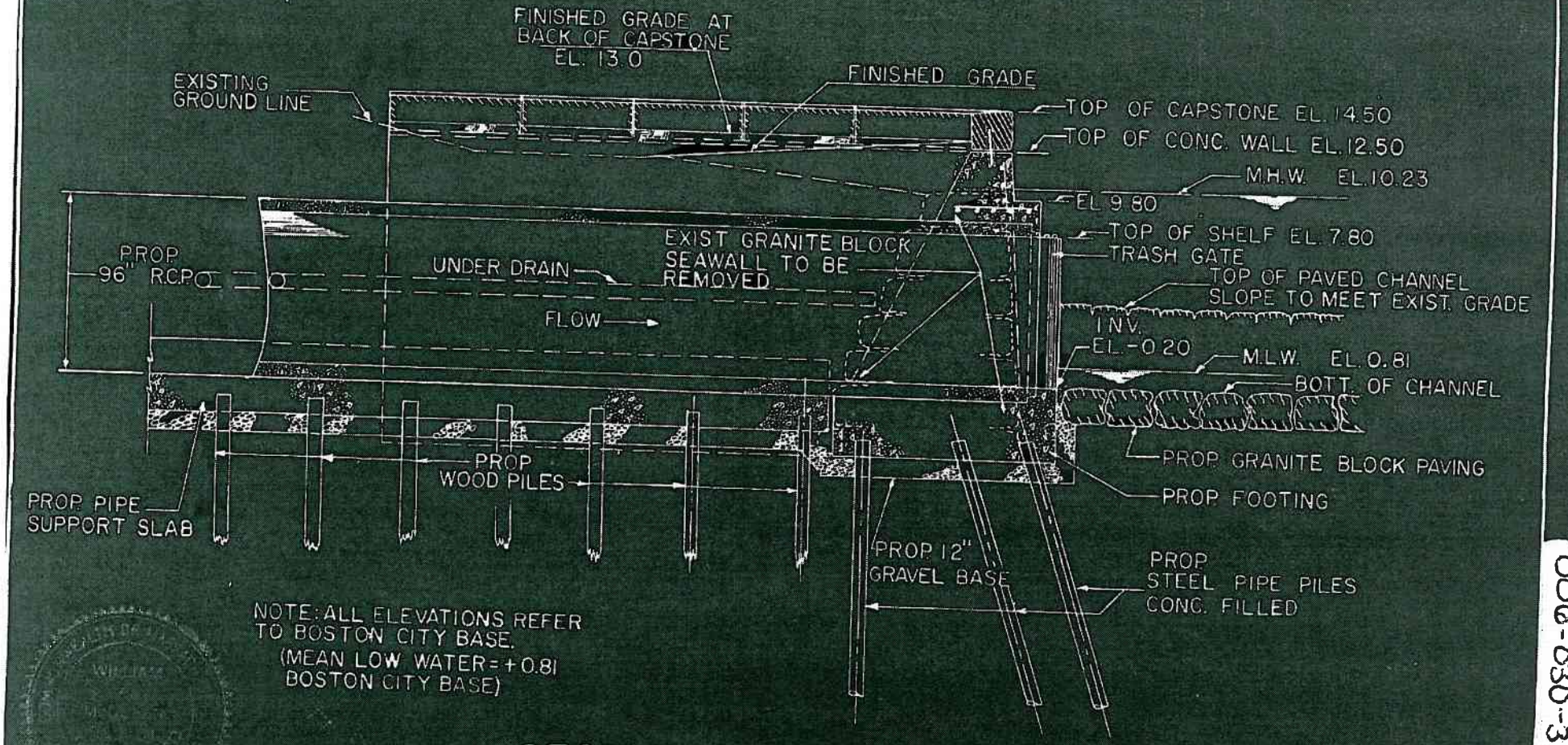
SCALE - FEET
0 4 8
1" = 8'-0"

LICENSE PLAN NO. 5823
APPROVED BY DEPARTMENT OF PUBLIC WORKS
DECEMBER 9 1970

DATE Nov. 1970

SHEET 2 OF 3

006-030-303-7000-100



SECTION 1-1

SARGENT WHARF OUTLET STRUCTURE

DATE Nov. 1970

LICENSE PLAN NO. 5823
APPROVED BY DEPARTMENT OF PUBLIC WORKS
DECEMBER 9, 1970

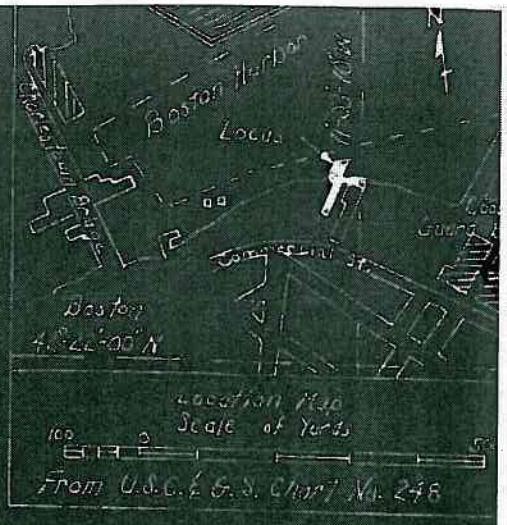
SHEET 3 OF 3

006-030-303-7000-102

① Abutter
Metropolitan District Commission
Skating Rink
Boston, Mass. 02109

006-030-305-8000-100

Fill to be approximately 3400 cubic yards of clean select gravel, in place measure, trucked to site.
Sounding, sure in feet below mean low water
Filled area to be an expansion of existing park playground
Datum - Boston City Base.



BOSTON HARBOR

Existing Boat Shed
Lic. No. 2095
To Be Removed

Flood

EDD

Harbor Line

E.L.W.

M.H.W. M.L.W.

Existing Granite Seawall

Proposed Seawall

Existing Granite Sea...

Existing Marine Railway Slip
Lic. No. 2199 (1940)

Proposed Fill Area

Existing Concrete Deck on Timber Piles To Be Removed.

Proposed Concrete Deadman
114' in Length

Existing Union Building To Be Removed

PRINCE STREET

COMMERCIAL STREET

① Abutter
U. S. Coast Guard
427 Commercial Street
Boston, Mass. 02109

COMMONWEALTH OF MASSACHUSETTS
KENNETH M. CHILDS, JR.
No. 9652
REGISTERED PROFESSIONAL

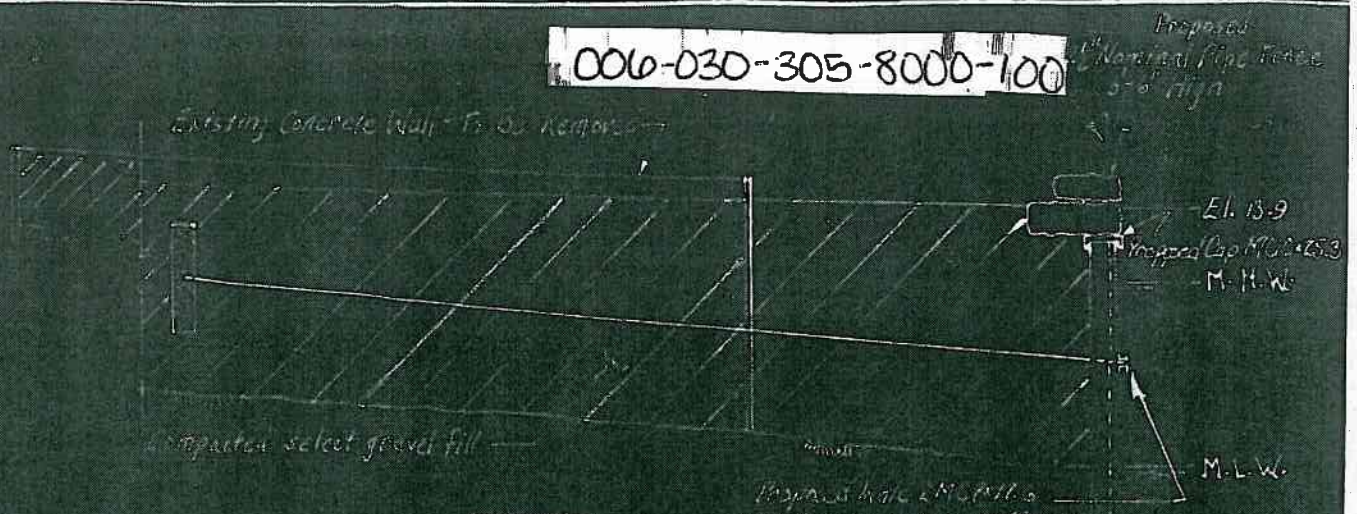
PLAN VIEW
Scale of Feet
25 0 50 100

PLAN ACCOMPANYING PETITION OF
CITY OF BOSTON
TO REMOVE BOAT SHED & CONCRETE DECK,
TO BUILD, FILL BEHIND & MAINTAIN A
SHEET PILE WALL IN
BOSTON HARBOR
BOSTON
JUNE 1975

Page 1 of 2

LICENSE PLAN NO. 172
APPROVED BY DEPARTMENT OF ENVIRONMENTAL QUALITY ENGINEERING
OF MASSACHUSETTS
MAY 17, 1976
COMMISSIONER

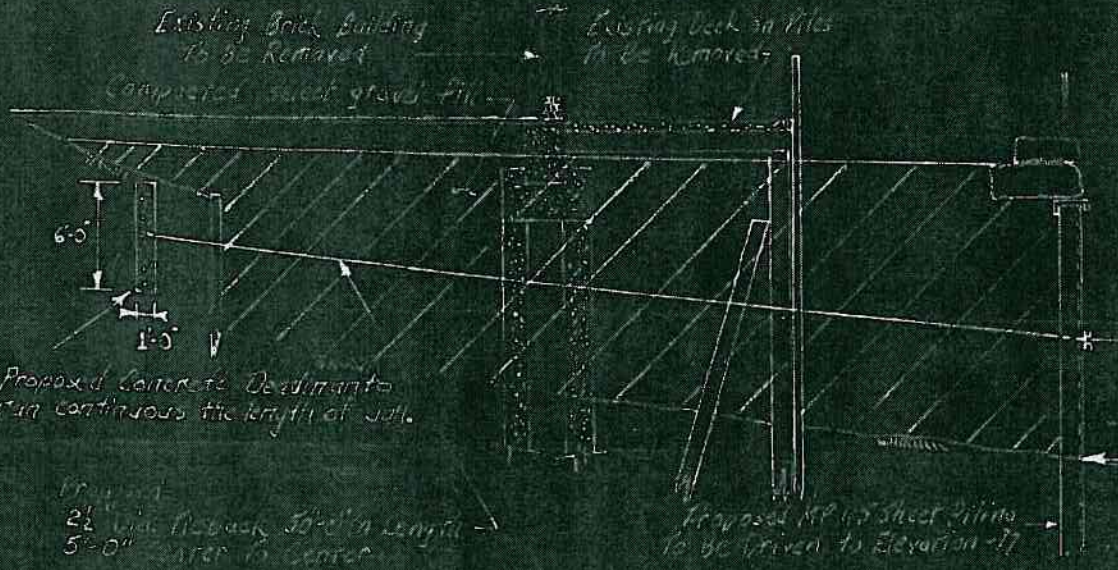
006-030-305-8000-100



SECTION A-A

Scale of Feet

5 0 5 10 15 20



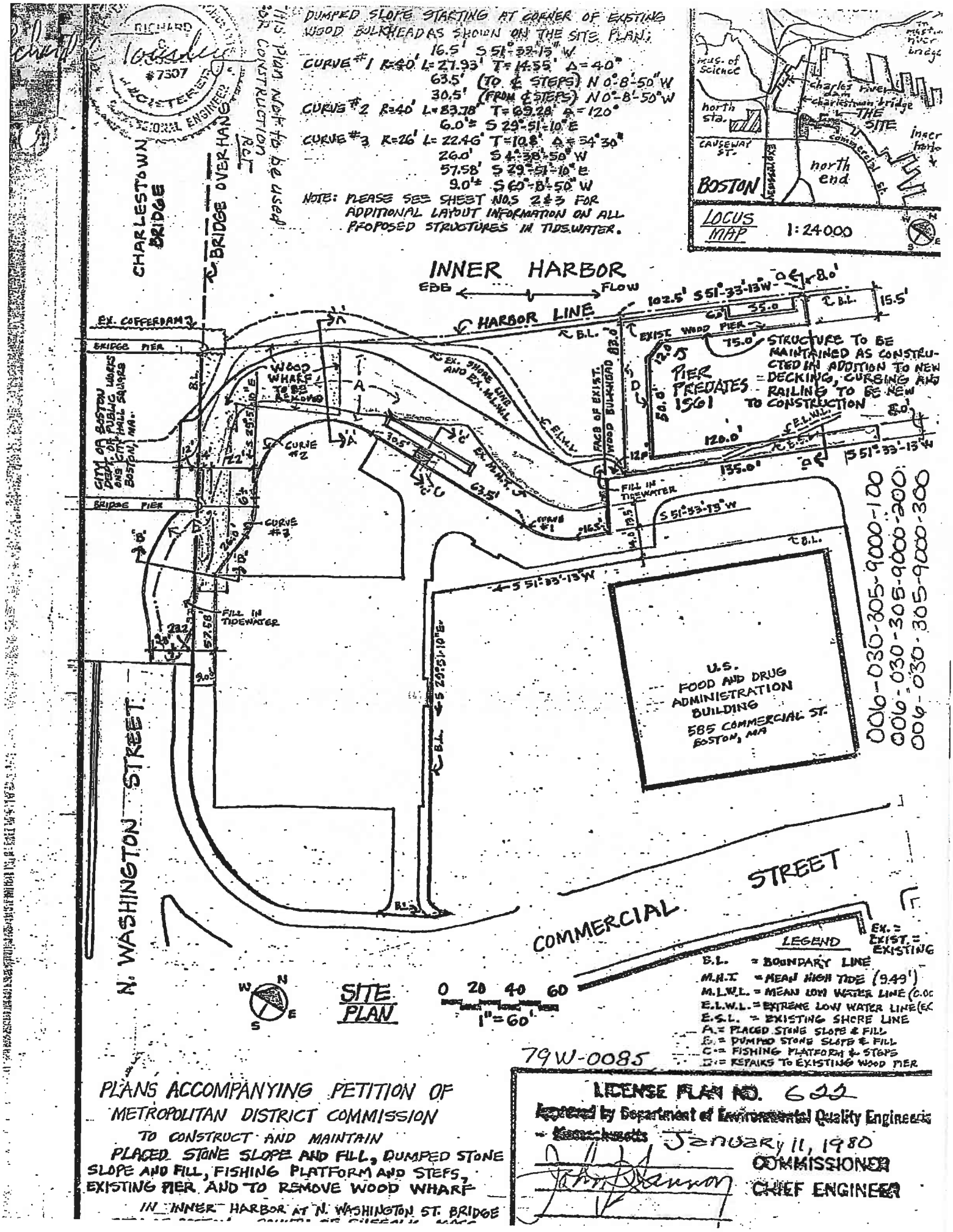
SECTION B-B

Scale of Feet

5 0 5 10 15 20

COMMONWEALTH OF MASSACHUSETTS
KENNETH M. CHILDS, JR.
No. 9552
REGISTERED PROFESSIONAL ENGINEER

LICENSE PLAN NO. 142
Approved by Department of Environmental Quality Engineering
May 17, 1976



79W-0085

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT AND MAINTAIN PLACED STONE SLOPE AND FILL, DUMPED STONE SLOPE AND FILL, FISHING PLATFORM AND STEPS, EXISTING PIER AND TO REMOVE WOOD WHARF IN INNER HARBOR AT N. WASHINGTON ST. BRIDGE

LICENSE PLAN NO. 622

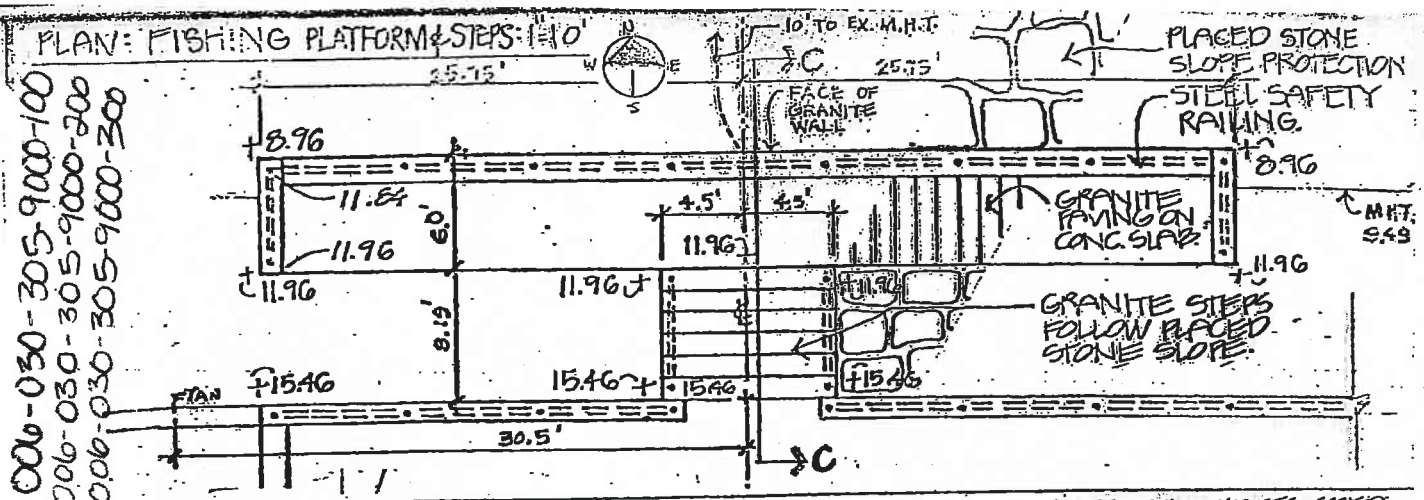
Approved by Department of Environmental Quality Engineering - Massachusetts January 11, 1980

COMMISSIONER

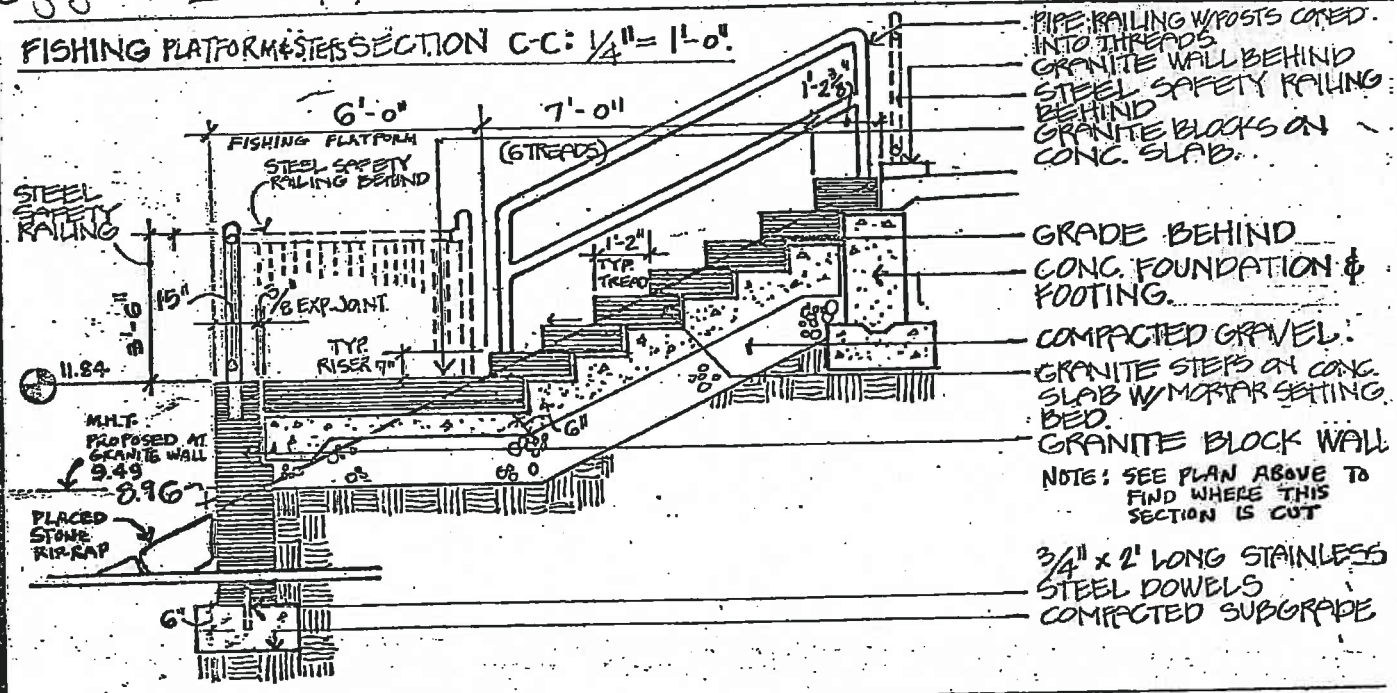
CHIEF ENGINEER

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

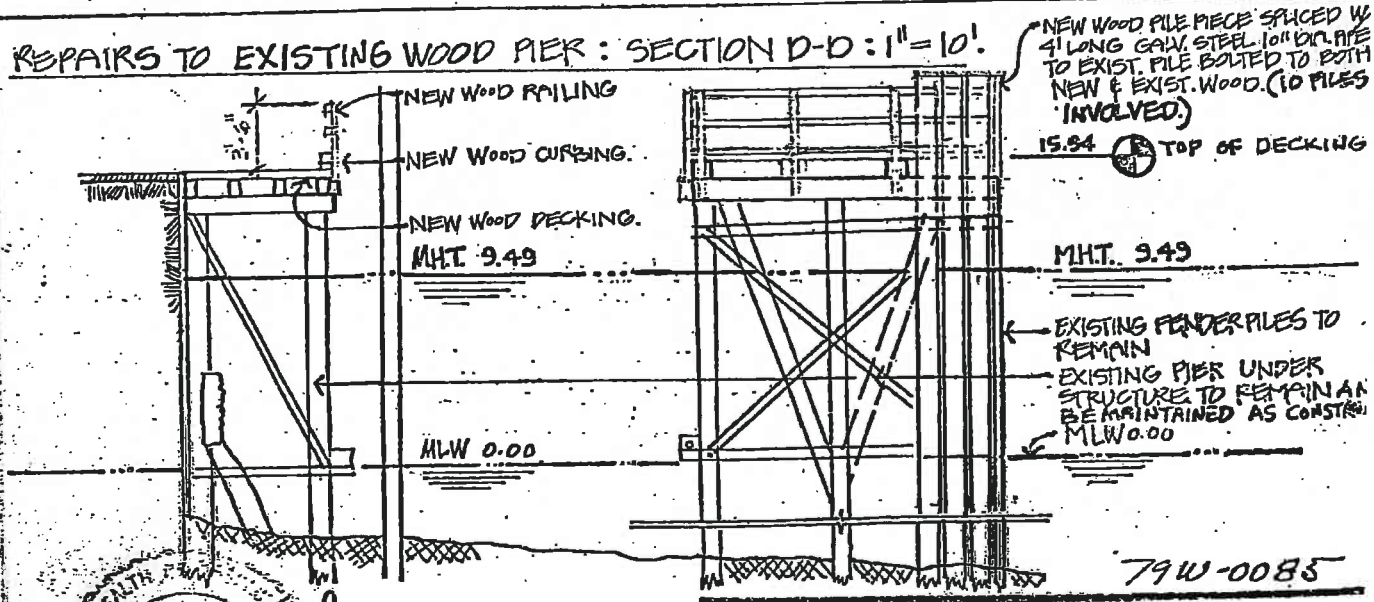
PLAN: FISHING PLATFORM & STEPS: 1"=10'



FISHING PLATFORM & STEPS SECTION C-C: 1/4"=1'-0".



REPAIRS TO EXISTING WOOD PIER: SECTION D-D: 1"=10'.



79W-0085

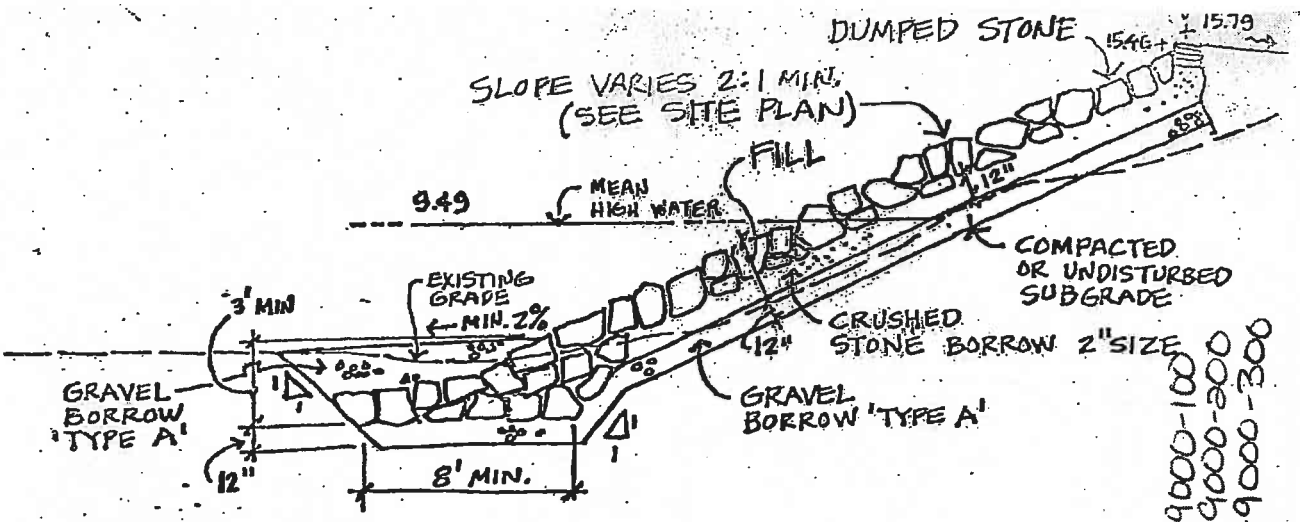
COMMONWEALTH OF MASSACHUSETTS
RICHARD C. LOESLEY
#7307
REGISTERED
PROFESSIONAL ENGINEER

This plan not to be used for Construction

January 11, 1980

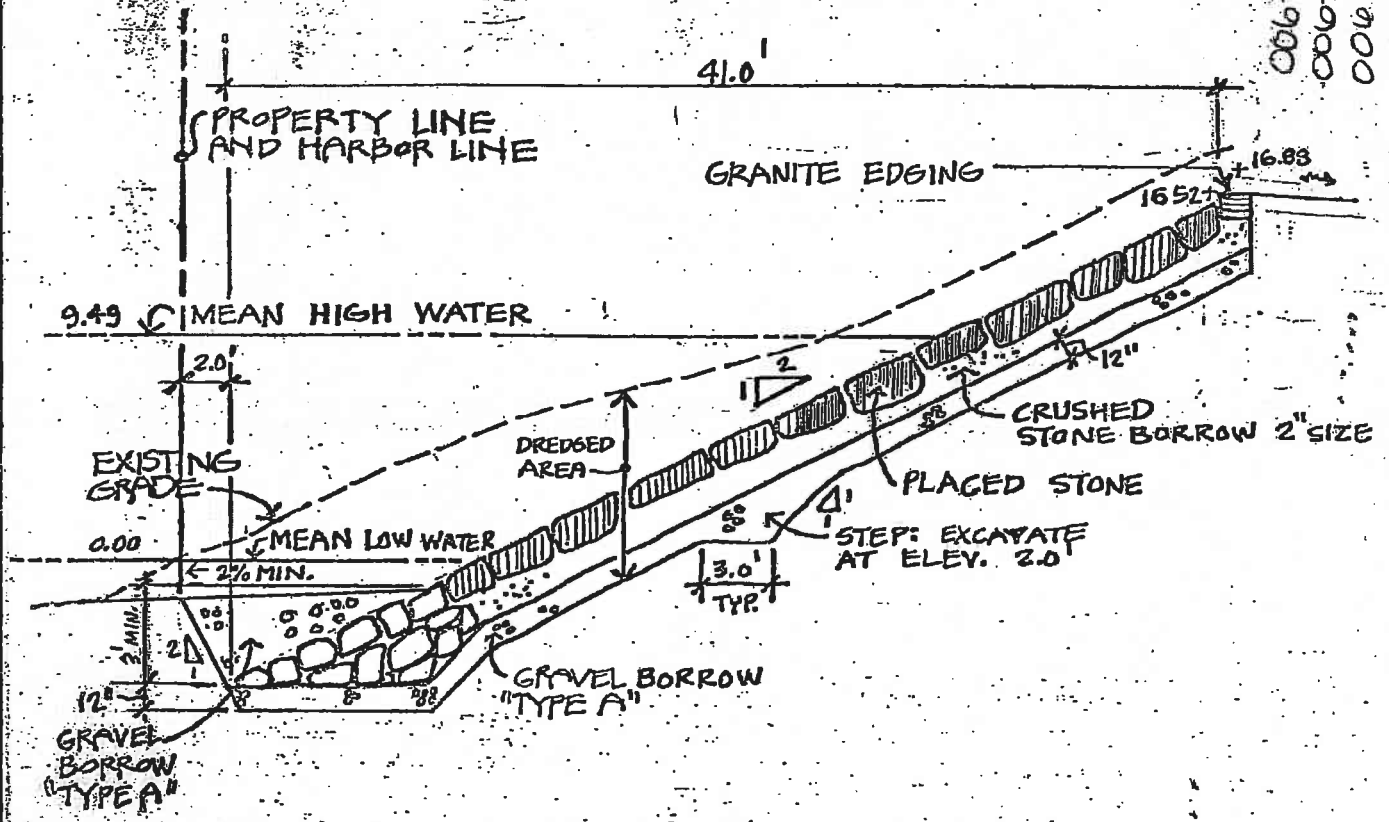
LICENSE PLAN NO. 622

Approved by Department of Environmental Quality Engineering



SECTION 'B-B' - DUMPED STONE SLOPE PROTECTION
SCALE 1/8" = 1'-0"

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300



SECTION 'A-A' - PLACED STONE SLOPE PROTECTION
SCALE: 1/8" = 1'-0"

RICHARD TOUSLEY #7307 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

Richard C. Tousley

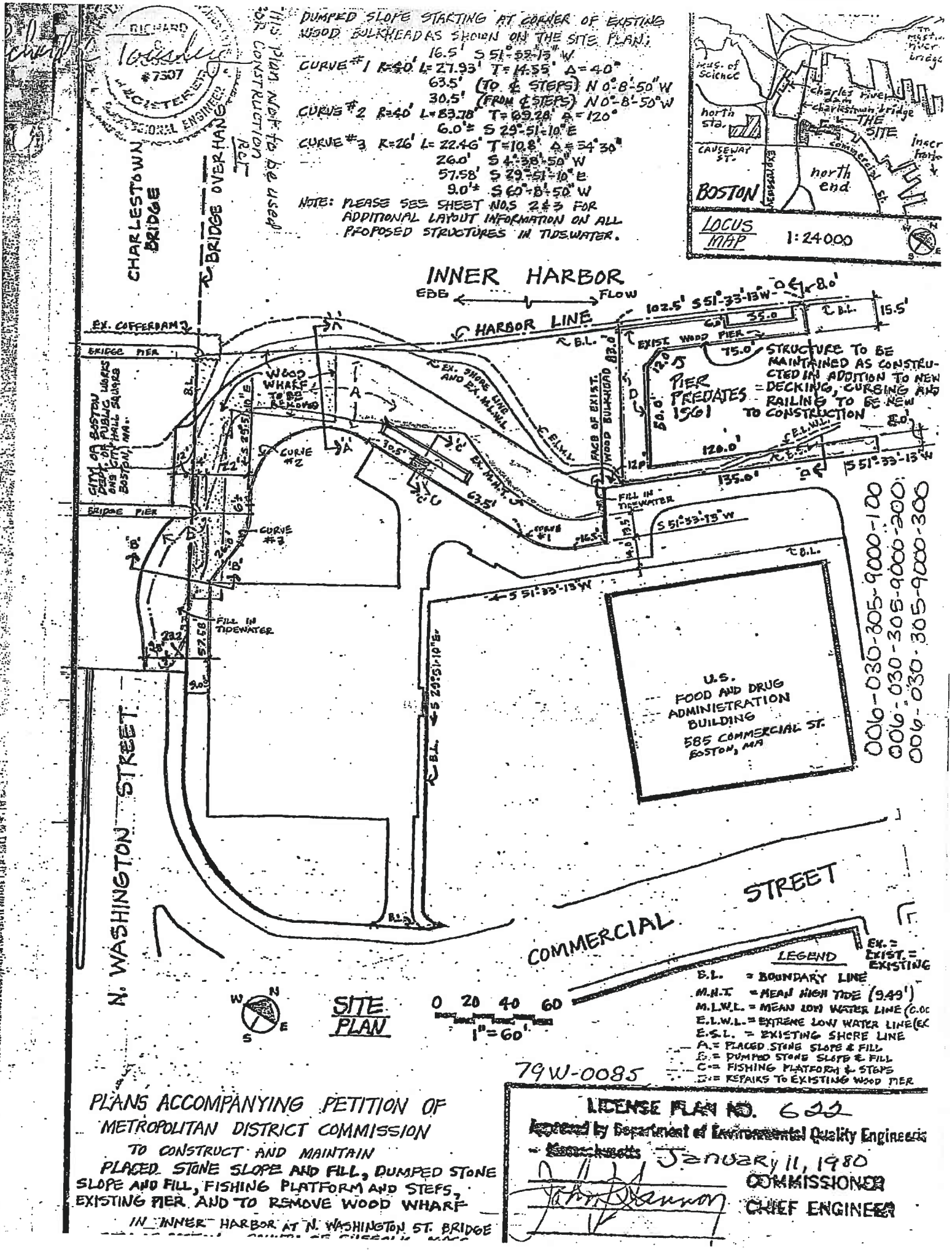
This plan not to be used for Construction

RCT

794-0085

January 11, 1980

LICENSE PLAN NO. C 22

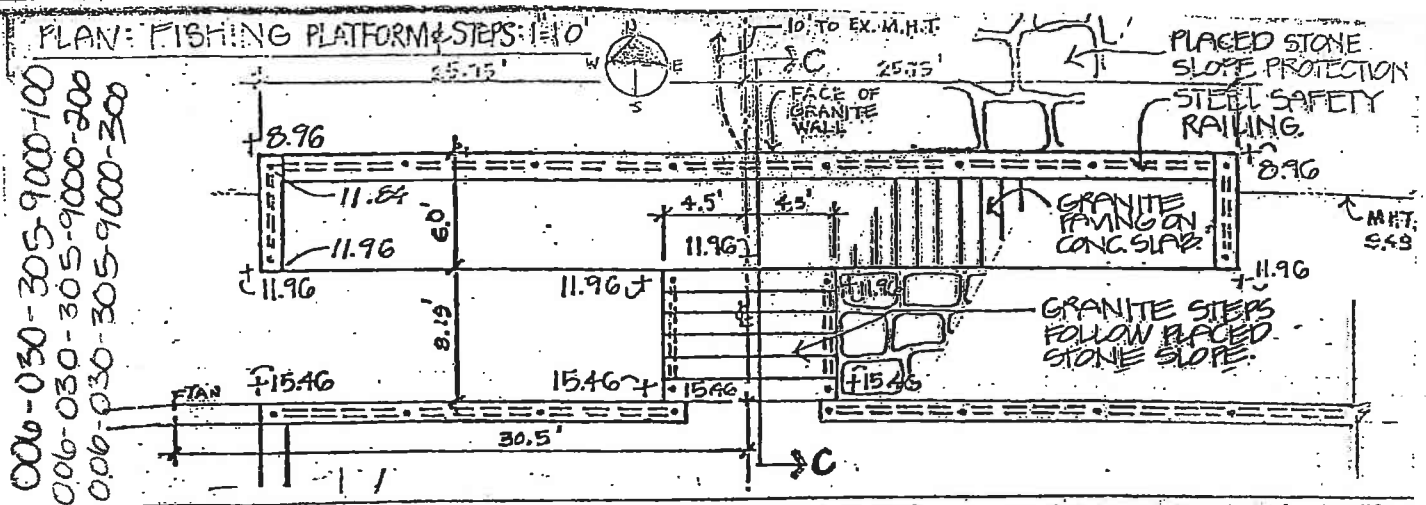


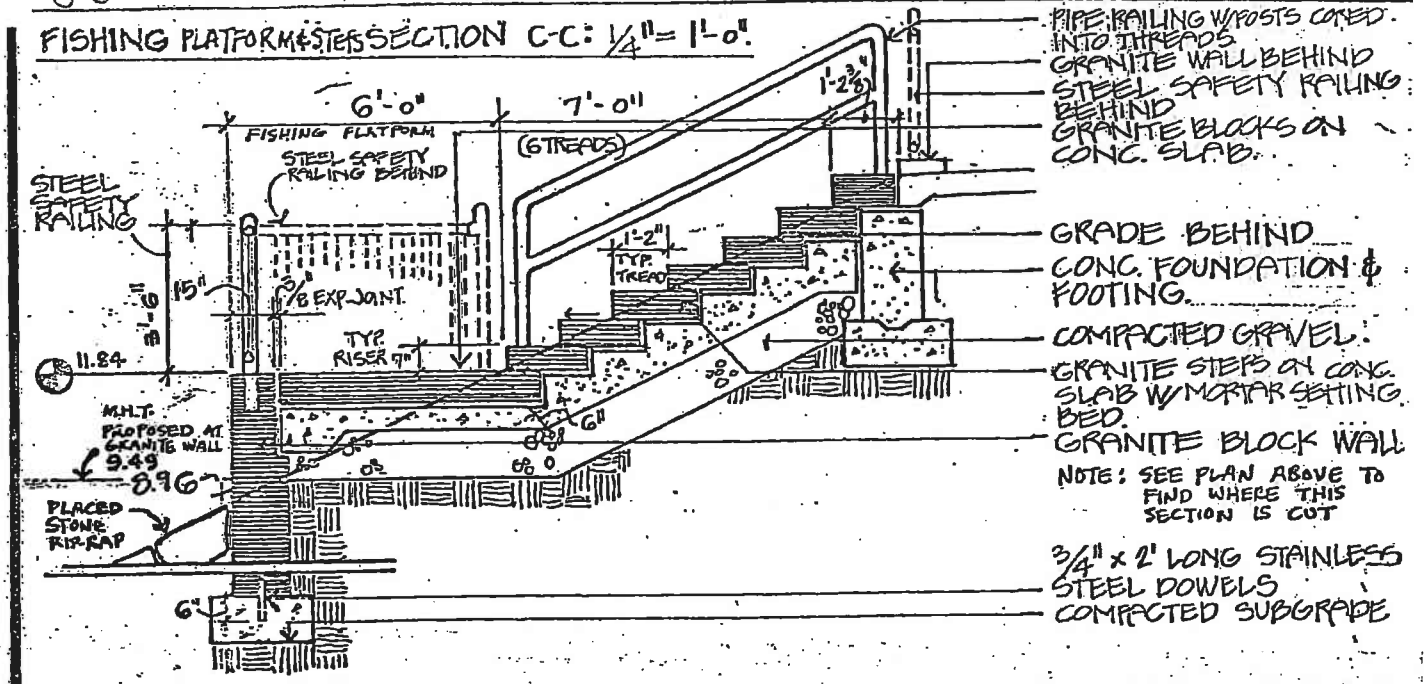
79W-0085

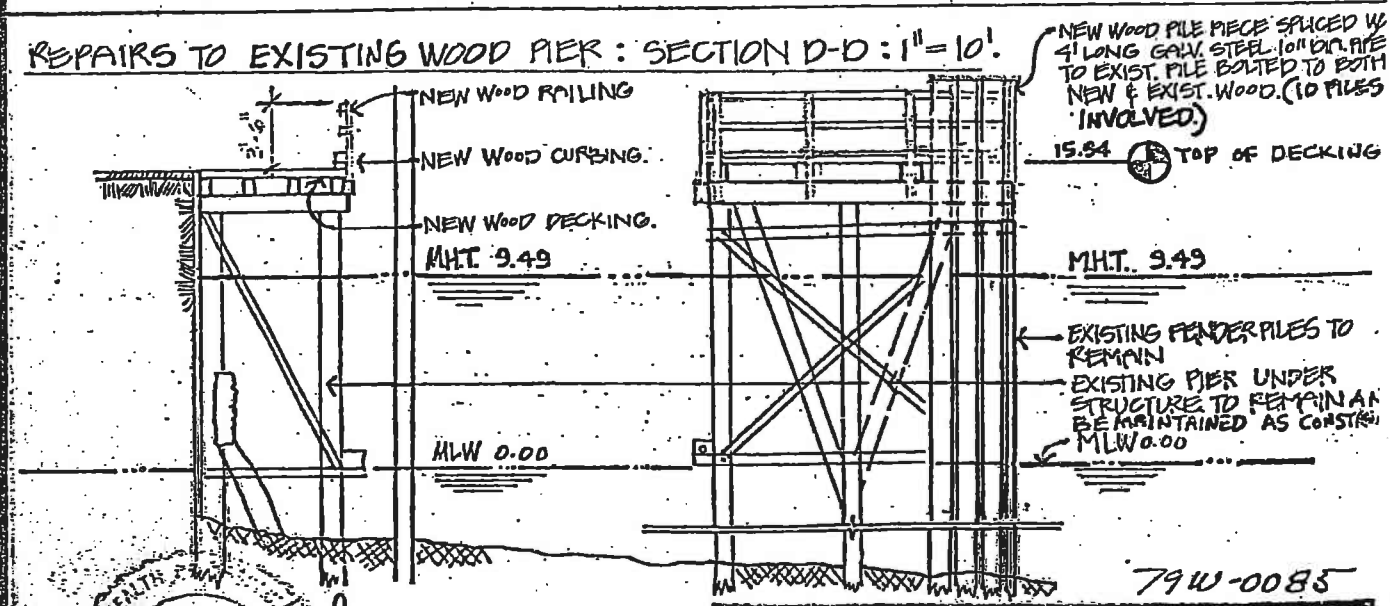
PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT AND MAINTAIN PLACED STONE SLOPE AND FILL, DUMPED STONE SLOPE AND FILL, FISHING PLATFORM AND STEPS, EXISTING PIER AND TO REMOVE WOOD WHARF IN INNER HARBOR AT N. WASHINGTON ST. BRIDGE

LICENSE PLAN NO. 622

Approved by Department of Environmental Quality Engineering
Commonwealth of Massachusetts
January 11, 1980
COMMISSIONER
CHIEF ENGINEER







79W-0085

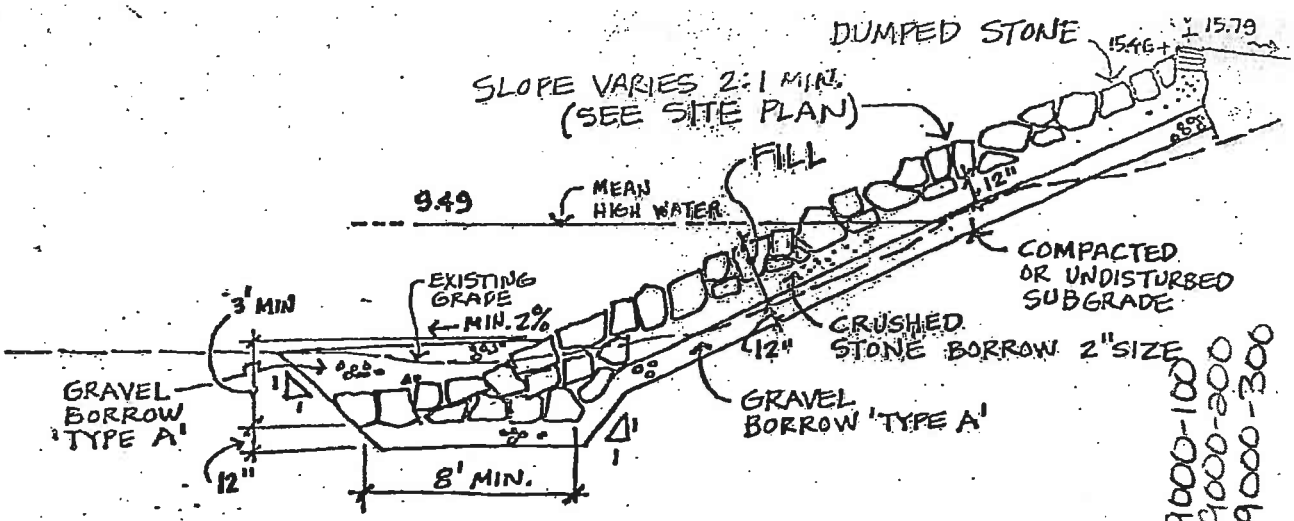
COMMONWEALTH OF VIRGINIA
RICHARD C. LOESLEY #7207
REGISTERED PROFESSIONAL ENGINEER

This plan not to be used for Construction

January 11, 1980

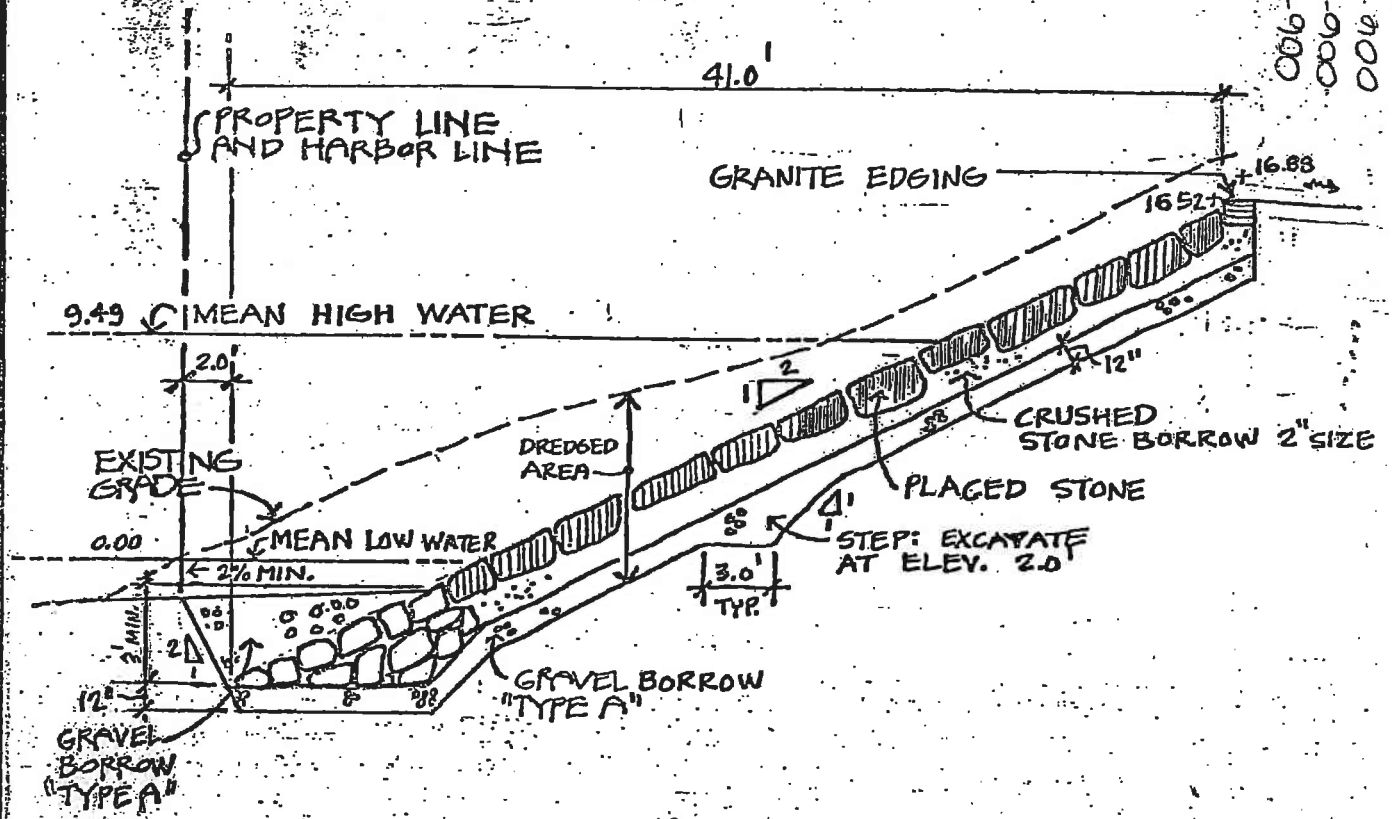
LICENSE PLAN NO. 622

Approved by Department of Environmental Quality Engineer



SECTION 'B-B' - DUMPED STONE SLOPE PROTECTION
SCALE 1/8" = 1'-0"

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300



SECTION 'A-A' - PLACED STONE SLOPE PROTECTION
SCALE: 1/8" = 1'-0"

RICHARD C. TOUSLEY #7307 REGISTERED PROFESSIONAL ENGINEER

Richard C. Tousley

This plan not to be used for Construction

RCT

79 W-0085

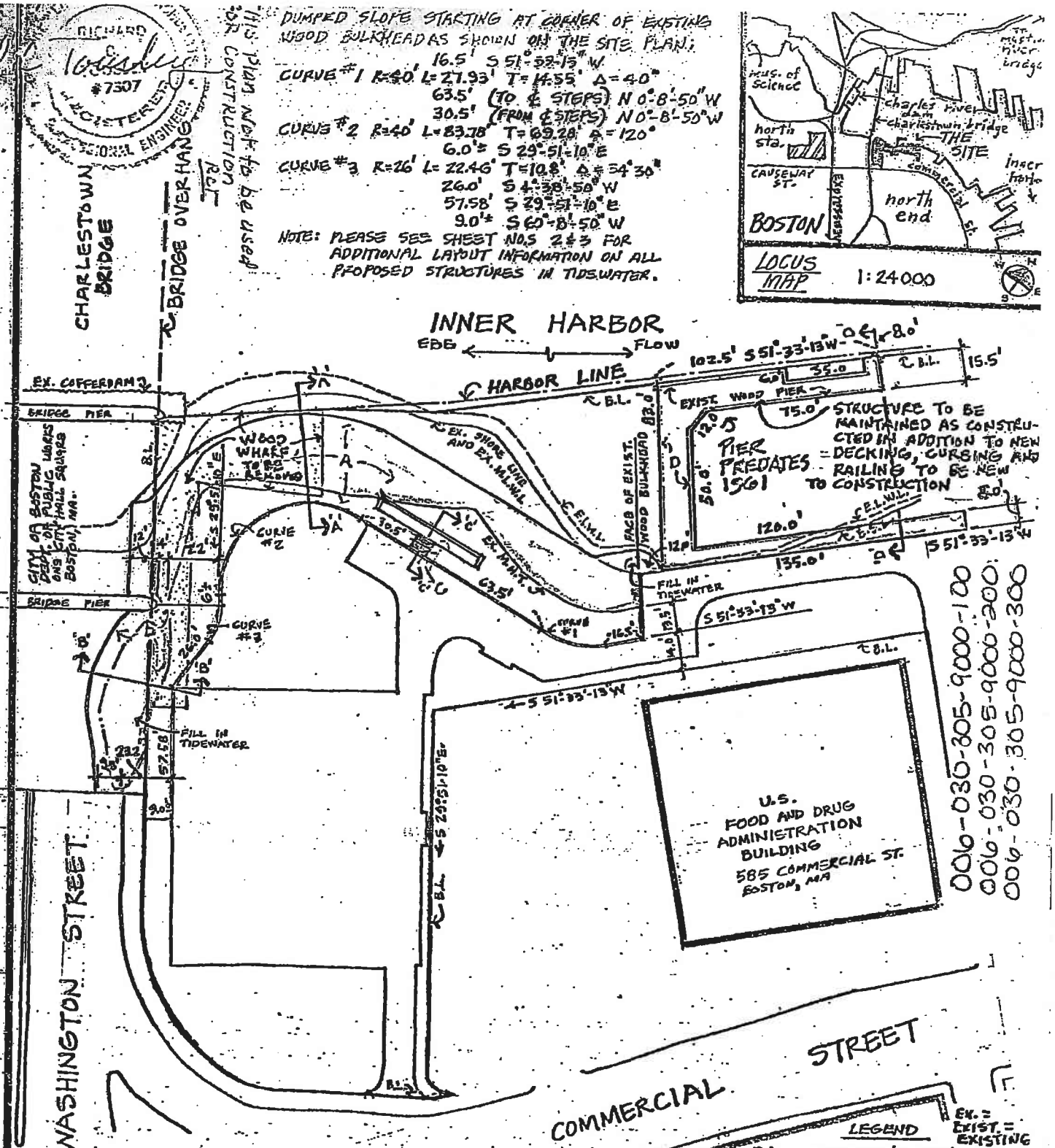
January 11, 1980

LICENSE PLAN NO. C 22

RICHARD [illegible] #7507 REGISTERED PROFESSIONAL ENGINEER

DUMPED SLOPE STARTING AT CORNER OF EXISTING WOOD BULKHEAD AS SHOWN ON THE SITE PLAN:
16.5' S 51°-33'-13" W
CURVE #1 R=40' L=27.93' T=14.55' Δ=40°
63.5' (TO ℄ STEPS) N 0°-8'-50" W
30.5' (FROM ℄ STEPS) N 0°-8'-50" W
CURVE #2 R=40' L=83.78' T=69.28' Δ=120°
6.0'± S 29°-51'-10" E
CURVE #3 R=26' L=22.46' T=10.8' Δ=54°30"
26.0' S 4°-38'-50" W
57.58' S 29°-51'-10" E
9.0'± S 60°-8'-50" W

NOTE: PLEASE SEE SHEET NOS 2 & 3 FOR ADDITIONAL LAYOUT INFORMATION ON ALL PROPOSED STRUCTURES IN TIDEWATER.



LEGEND — EX. = EXIST. = EXISTING
B.L. = BOUNDARY LINE
M.H.T. = MEAN HIGH TIDE (9.49')
M.L.W.L. = MEAN LOW WATER LINE (C.O.
E.L.W.L. = EXTREME LOW WATER LINE (EX
E.S.L. = EXISTING SHORE LINE
A. = PLACED STONE SLOPE & FILL
B. = DUMPED STONE SLOPE & FILL
C. = FISHING PLATFORM & STEPS
D. = REPAIRS TO EXISTING WOOD PIER

79W-0085

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT AND MAINTAIN PLACED STONE SLOPE AND FILL, DUMPED STONE SLOPE AND FILL, FISHING PLATFORM AND STEPS, EXISTING PIER AND TO REMOVE WOOD WHARF IN INNER HARBOR AT N. WASHINGTON ST. BRIDGE

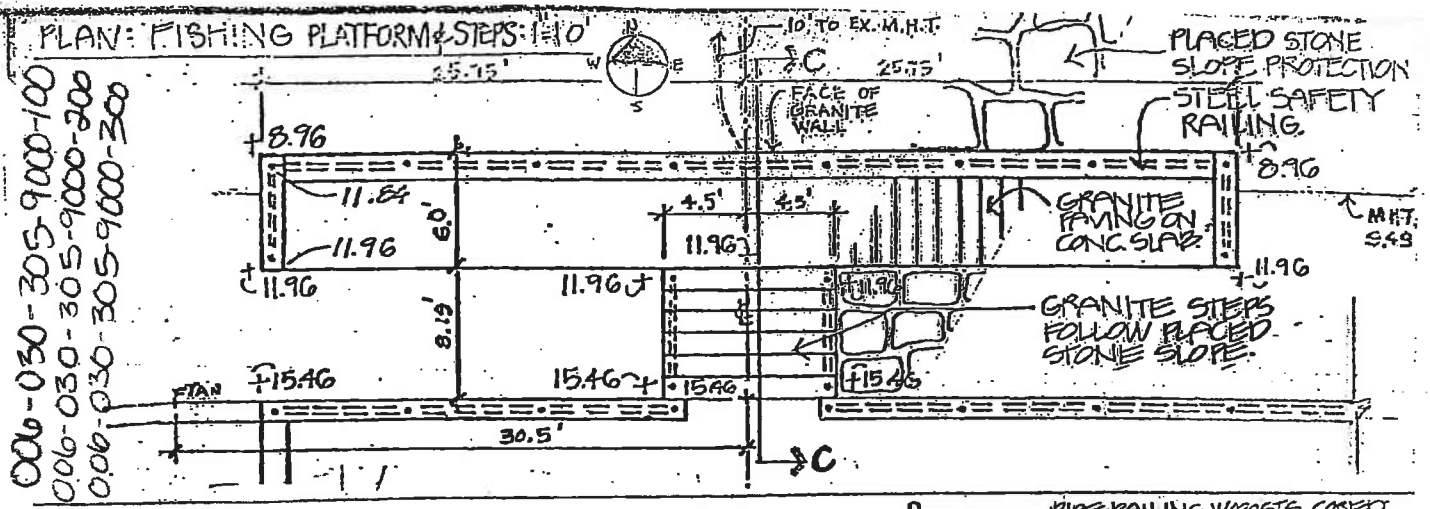
LICENSE PLAN NO. 622

Approved by Department of Environmental Quality Engineering
Commonwealth of Massachusetts January 11, 1980

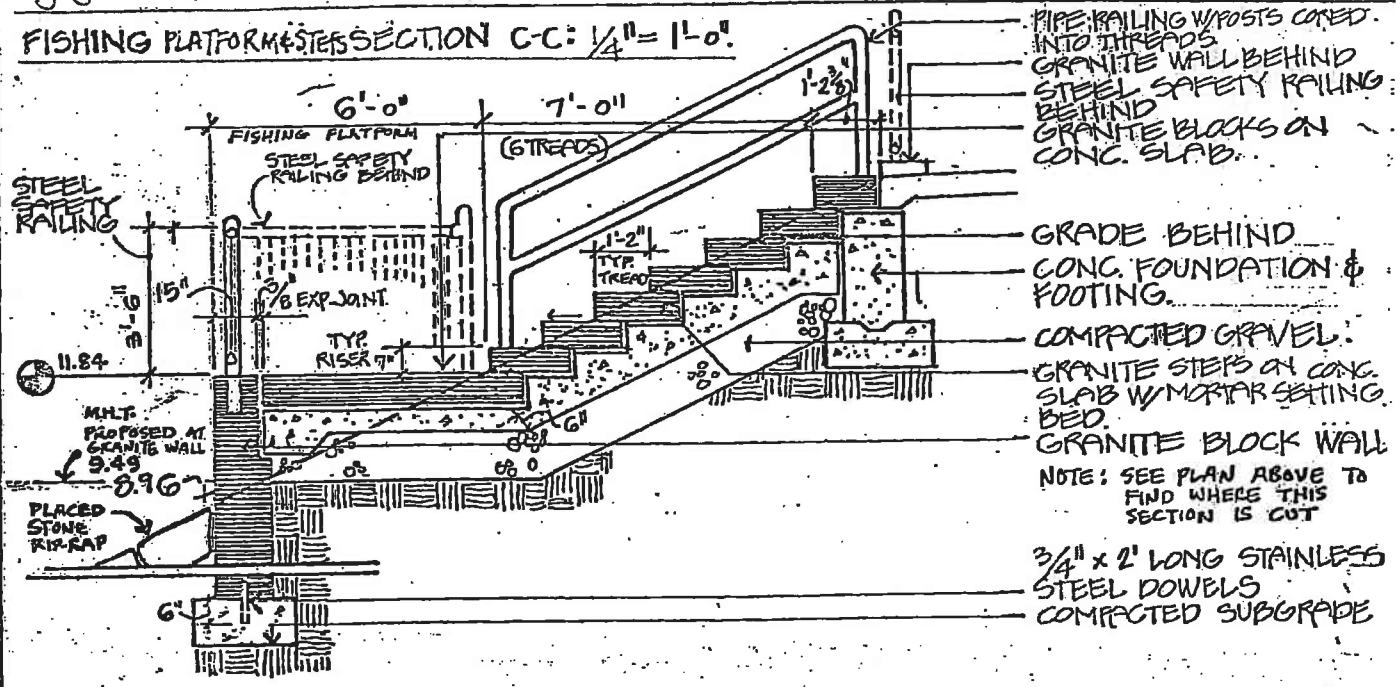
COMMISSIONER

CHIEF ENGINEER

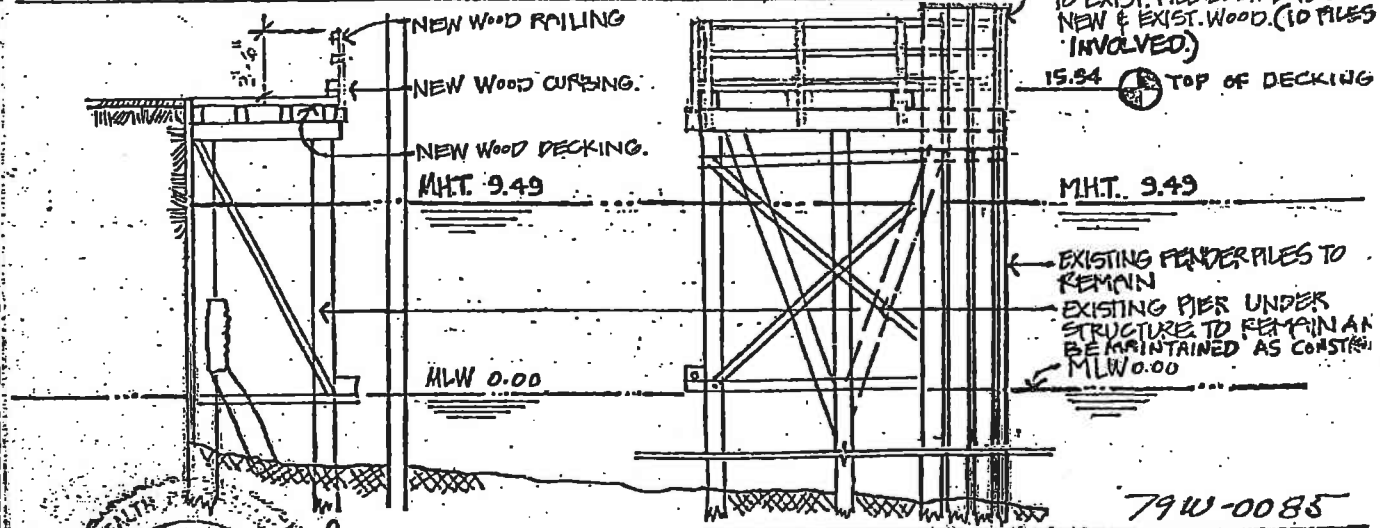
PLAN: FISHING PLATFORM & STEPS: 1"=10'



FISHING PLATFORM & STEPS SECTION C-C: 1/4"=1'-0"



REPAIRS TO EXISTING WOOD PIER: SECTION D-D: 1"=10'.



79W-0085

COMMONWEALTH OF VIRGINIA
RICHARD C. LOESLEY
#7307
REGISTERED
PROFESSIONAL ENGINEER

Richard C. Loesley

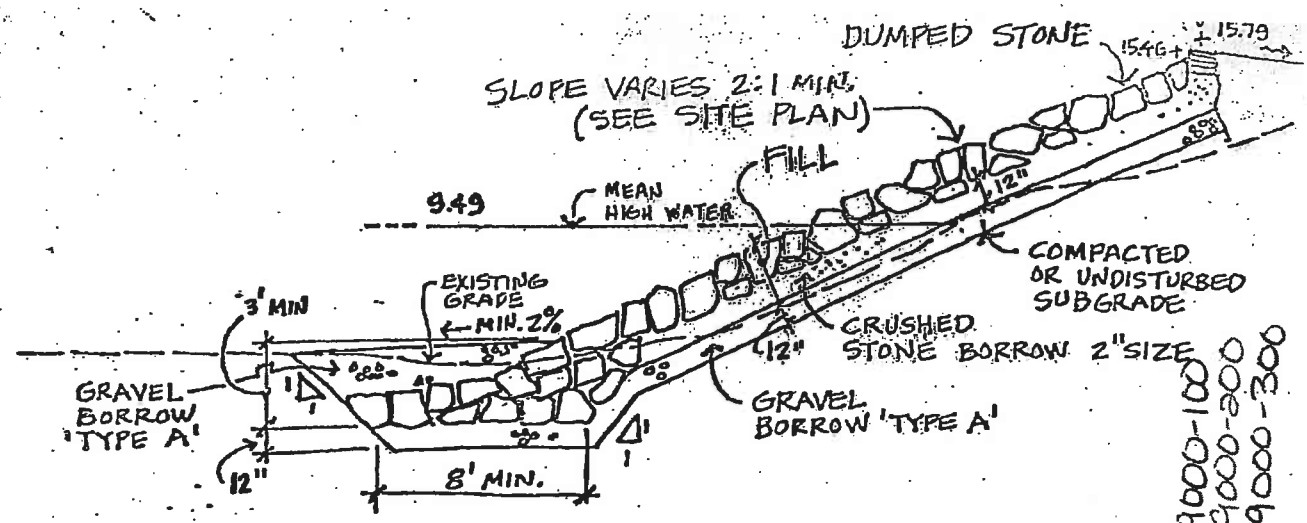
This plan not to be used for Construction

RCL

January 11, 1980

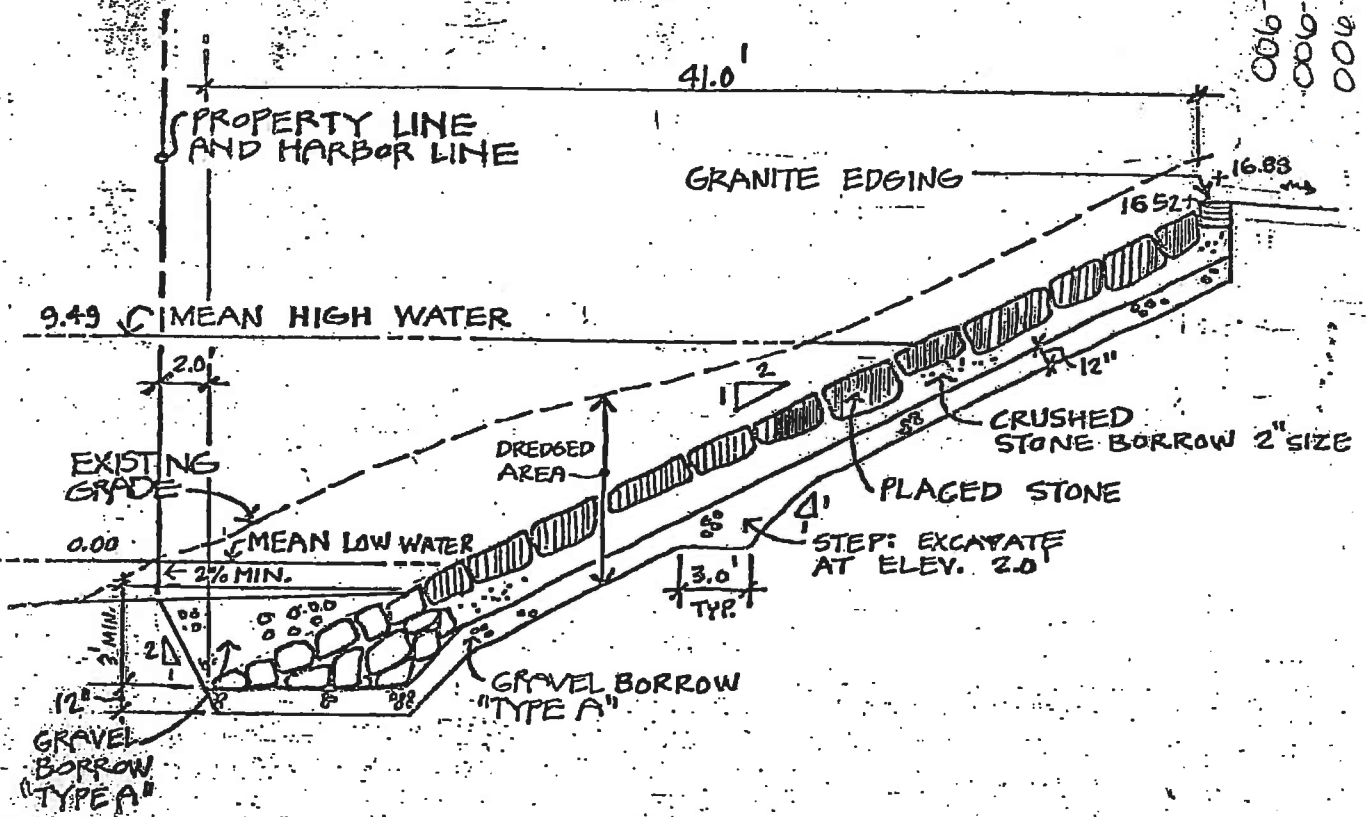
LICENSE PLAN NO. 622

Approved by Department of Environmental Quality Engineer



SECTION 'B-B' - DUMPED STONE SLOPE PROTECTION
SCALE 1/8" = 1'-0"

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300



SECTION 'A-A' - PLACED STONE SLOPE PROTECTION
SCALE: 1/8" = 1'-0"

RICHARD TOUSLEY #7307 REGISTERED PROFESSIONAL ENGINEER

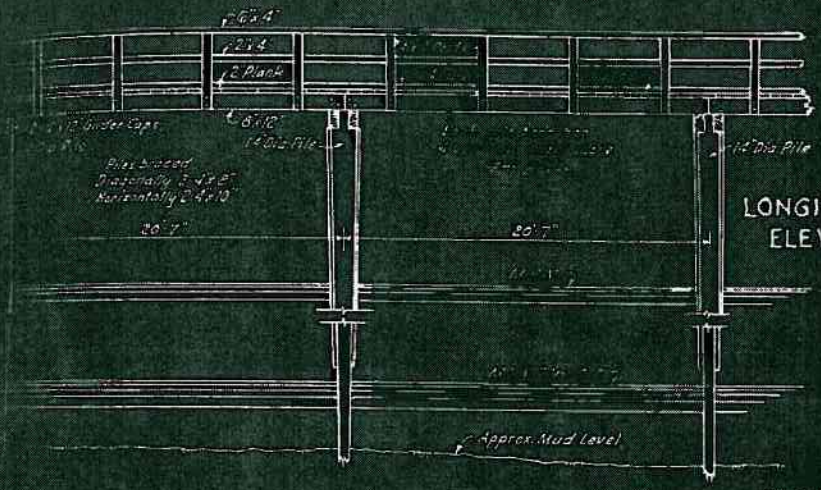
This plan not to be used for Construction

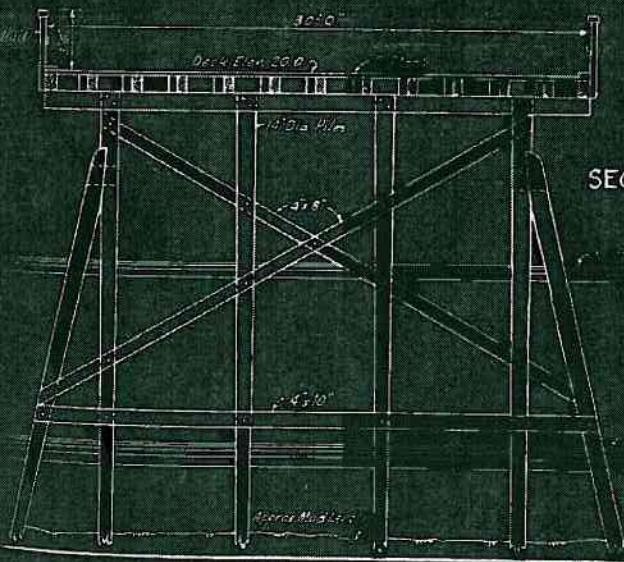
RCT

794-0085

January 11, 1980
LICENSE PLAN NO. C 22

006-060-341-5600-100





PLAN ACCOMPANYING PETITION OF
CITY OF BOSTON - PARK DEPARTMENT
TO BUILD A TIMBER PIER IN
PLEASURE BAY AT MARINE PARK
SOUTH BOSTON
SEPTEMBER 1945

NO. 2807
APPROVED BY DEPARTMENT OF PUBLIC WORKS
OCTOBER 16 1945

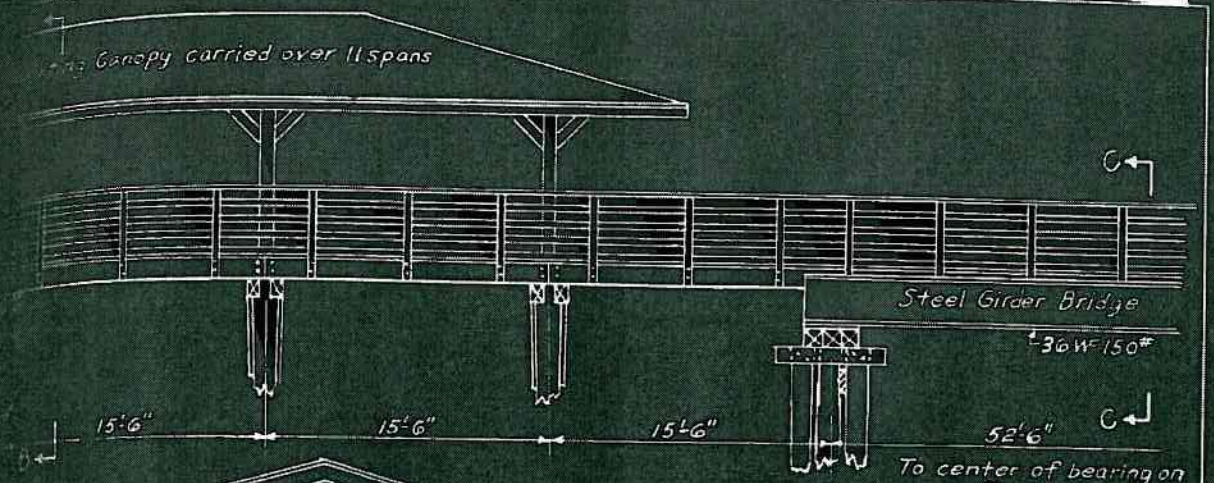
H. Underwood — COMMISSIONER OF PUBLIC WORKS

George L. Wilson — ASSOCIATE COMMISSIONERS

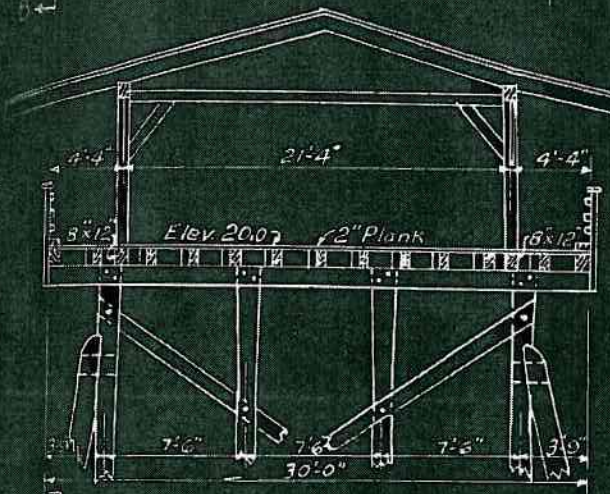
Luke A. Dowd — ASSOCIATE COMMISSIONERS

Richard Parr — DIRECTOR-DIVISION OF WATERWAYS

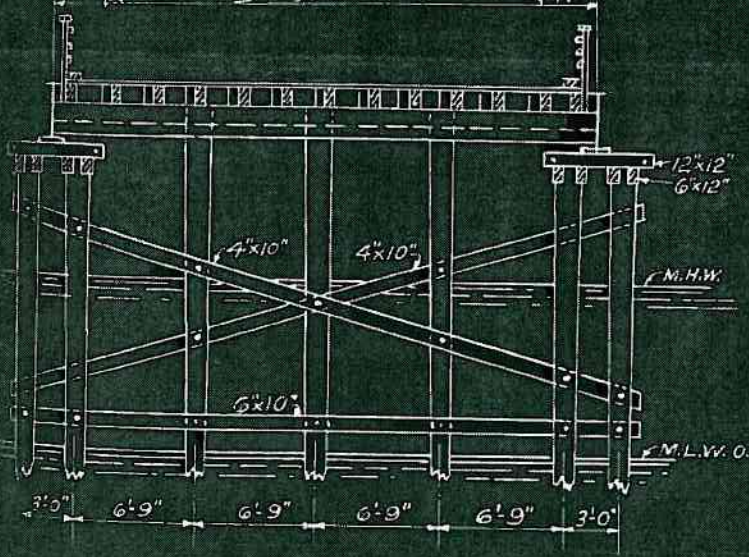
006-060-341-5000-100



LONGITUDINAL ELEVATION



SECTION B-B

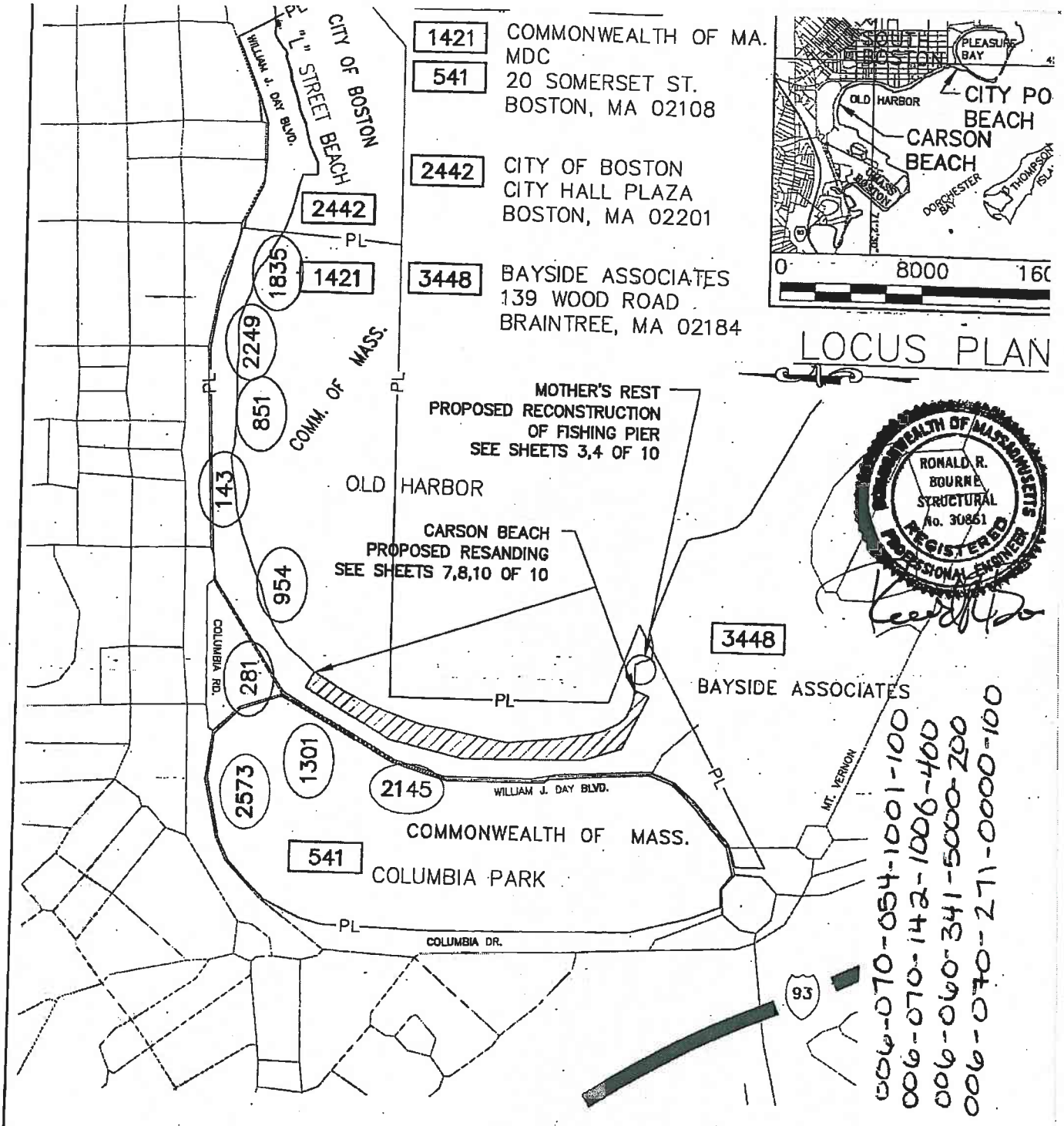


SECTION C-C

LICENSE PLAN NO. 2807
APPROVED OCTOBER 16 1945

LICENSE PLAN NO.
APPROVED
PETITION OF CITY OF BOSTON
PARK DEPARTMENT

PROPOSED TIMBER PIER
IN SO. BOSTON, MASS.
(PLEASURE BAY)



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

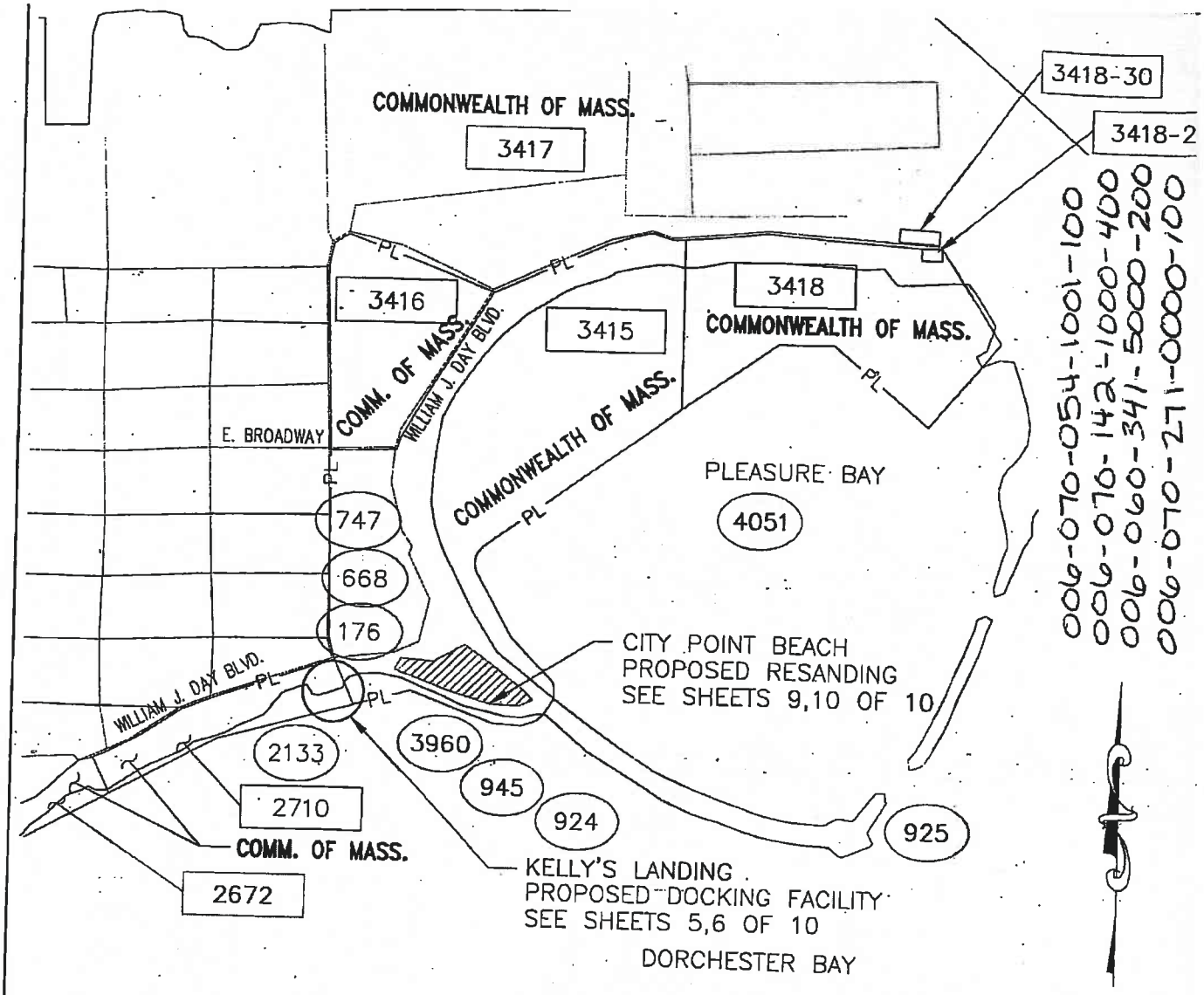
(2145) PREVIOUS CH. 91 LICENSES SEE ATTACHMENT 3 OF WATERWAYS LICENSE APPLICATION

100yr. FLOOD +19.
HTL +12.
MHW +9.
NGVD +4.
MLW +0.

JANUARY 199
SHEET 1 OF 1

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN RIP RAP, FISHING PIER, DOCKING FACILITY AND BEACH RESANDING.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection of Massachusetts
JUN 13 1997



PARCEL #	
2672	2710
3415	3416
3417	3418
3418-2	3418-30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES
SEE ATTACHMENT 3 OF
WATERWAYS LICENSE APPLICATION

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

OVERALL PLAN

0 800 1600

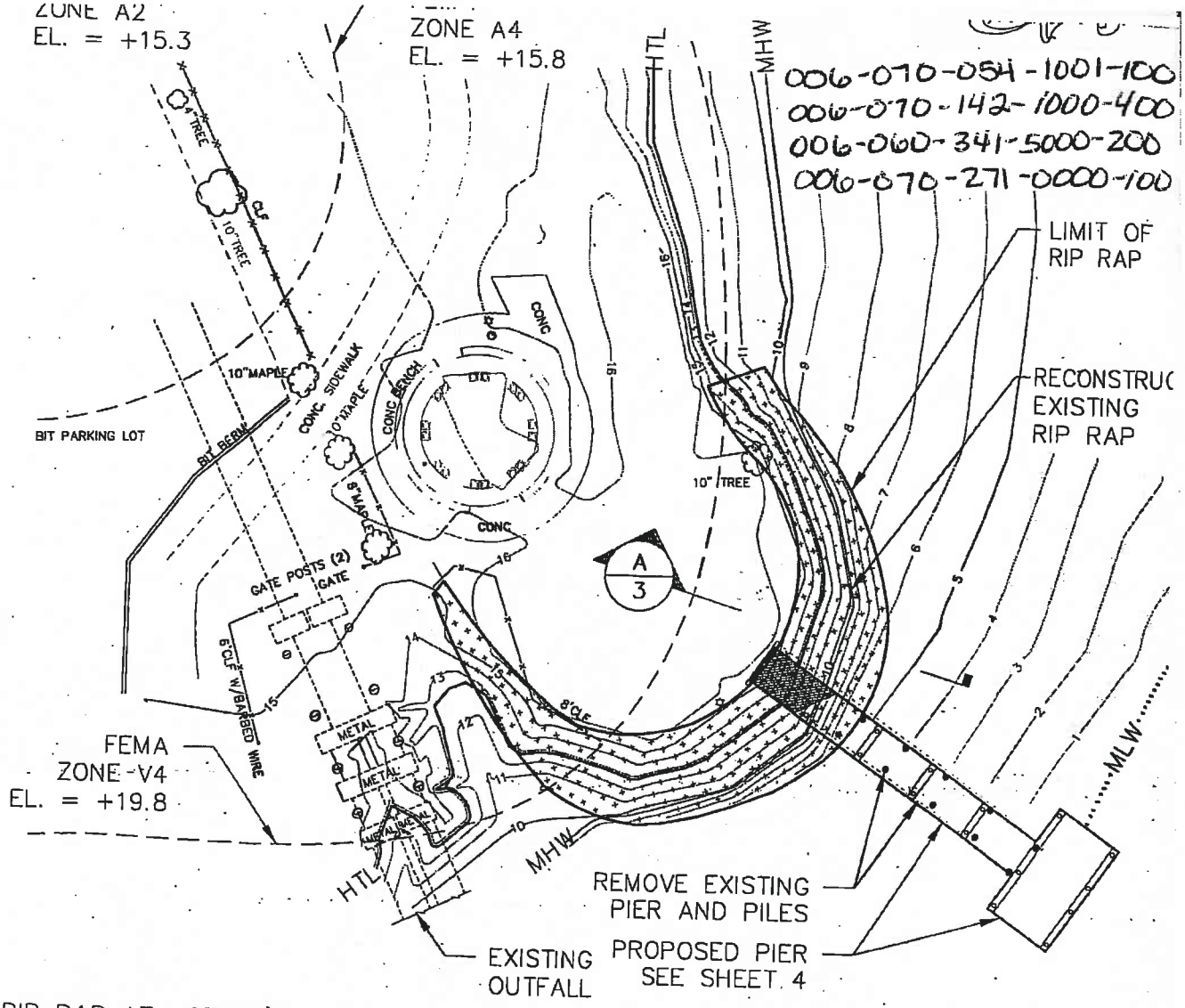
SCALE: 1" = 800'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0

JANUARY 1997
SHEET 2 OF 10

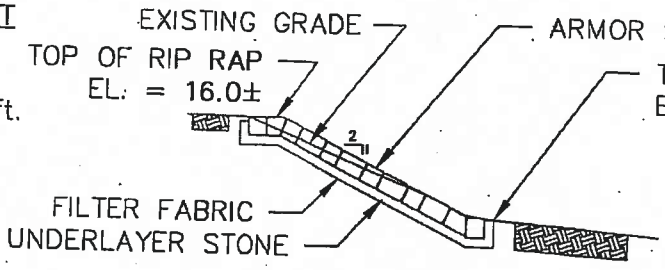
006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



RIP RAP AT MOTHER'S REST

AREA:
TOTAL 3,600 sq.ft.
BELOW HTL 2,200 sq.ft.

FILL VOLUME:
BELOW HTL 126 cu.ft.
BELOW MHW 52 cu.ft.



HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0

A/3 RIP RAP RECONSTRUCTION

0 20 40

SCALE: 1" = 20'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISHING PIER-PLAN

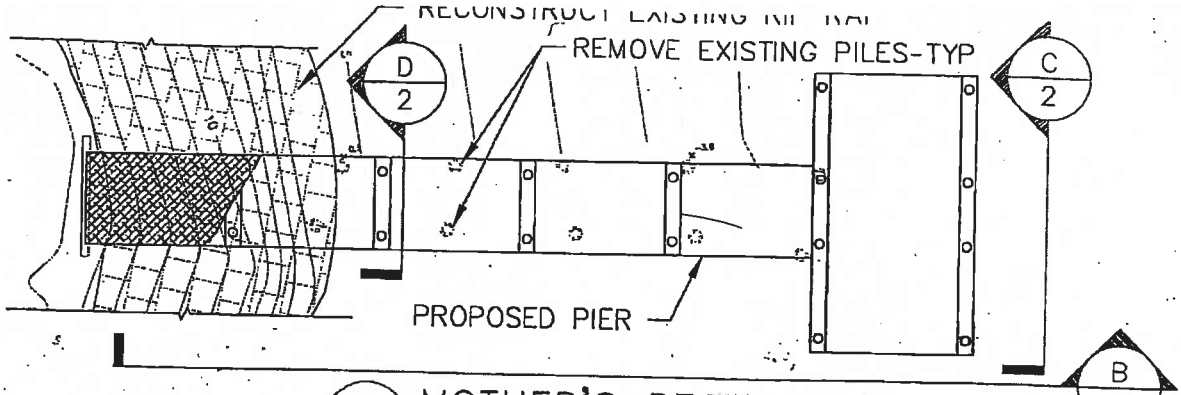
0 40 80

SCALE: 1" = 40'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BROWNE
STRUCTURAL
No. 30961
REGISTERED PROFESSIONAL ENGINEER

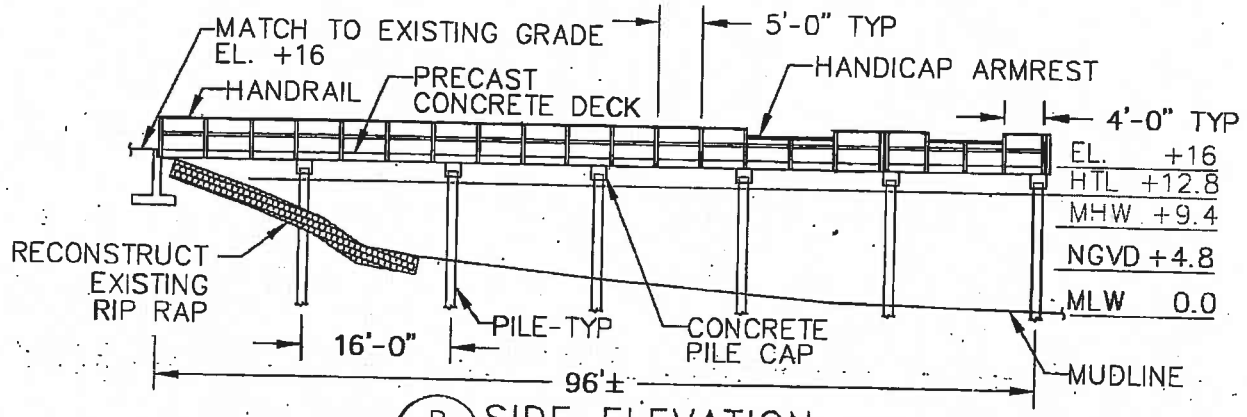
100 YR. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 3 OF 10



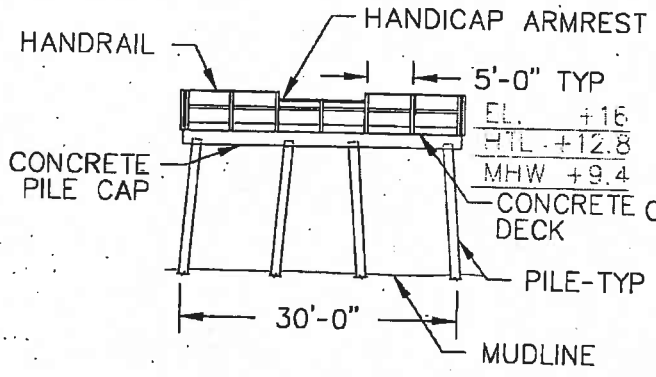
A/2 MOTHER'S REST—PLAN

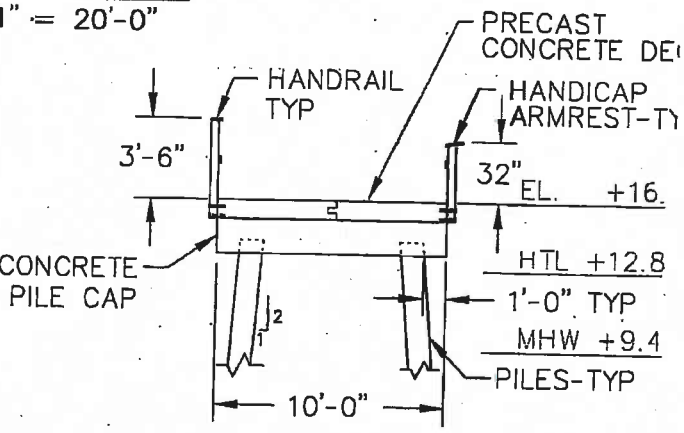
SCALE: 1" = 20'-0"



B/2 SIDE ELEVATION

SCALE: 1" = 20'-0"





C/2 END ELEVATION

SCALE: 1" = 20'-0"

D/2 TYPICAL CROSS SECTIO

0 8 16

SCALE: 1/8" = 1'-0"

LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection

Date JUN 13 1997

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30951
REGISTERED
PROFESSIONAL ENGINEER

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISH PIER

0 20 40

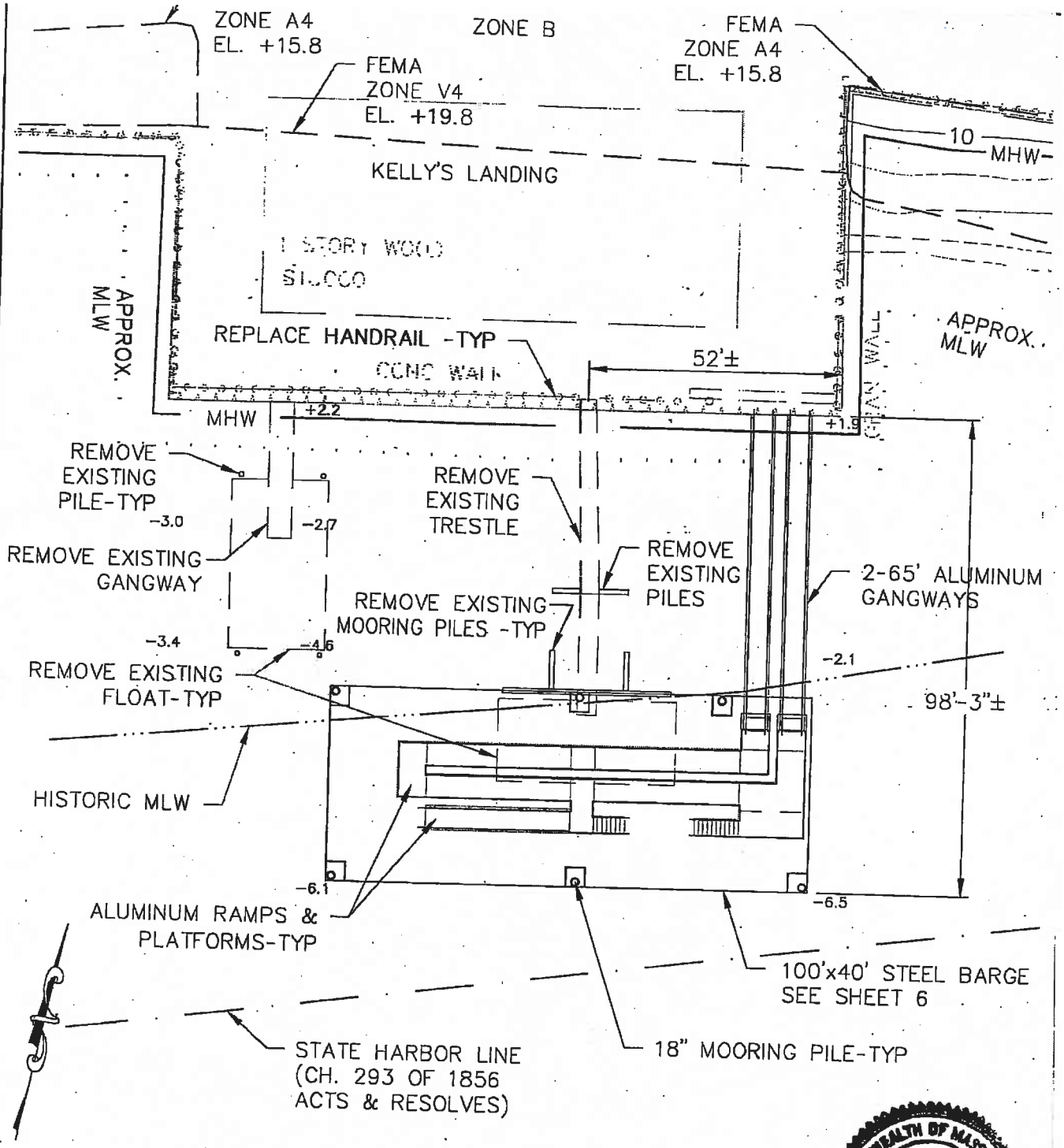
SCALE: 1" = 20'

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

100 YR. FLOOD	+19.
HTL	+12.
MHW	+9.
NGVD	+4.
MLW	0.

JANUARY 199

SHEET 4 OF 1



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30961
REGISTERED
PROFESSIONAL ENGINEER

KELLY'S LANDING PROPOSED DOCKING FACILITY–PLAN

0 30 60

SCALE: 1" = 30'–0"

OLD HARBOR

DORCHESTER BAY

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

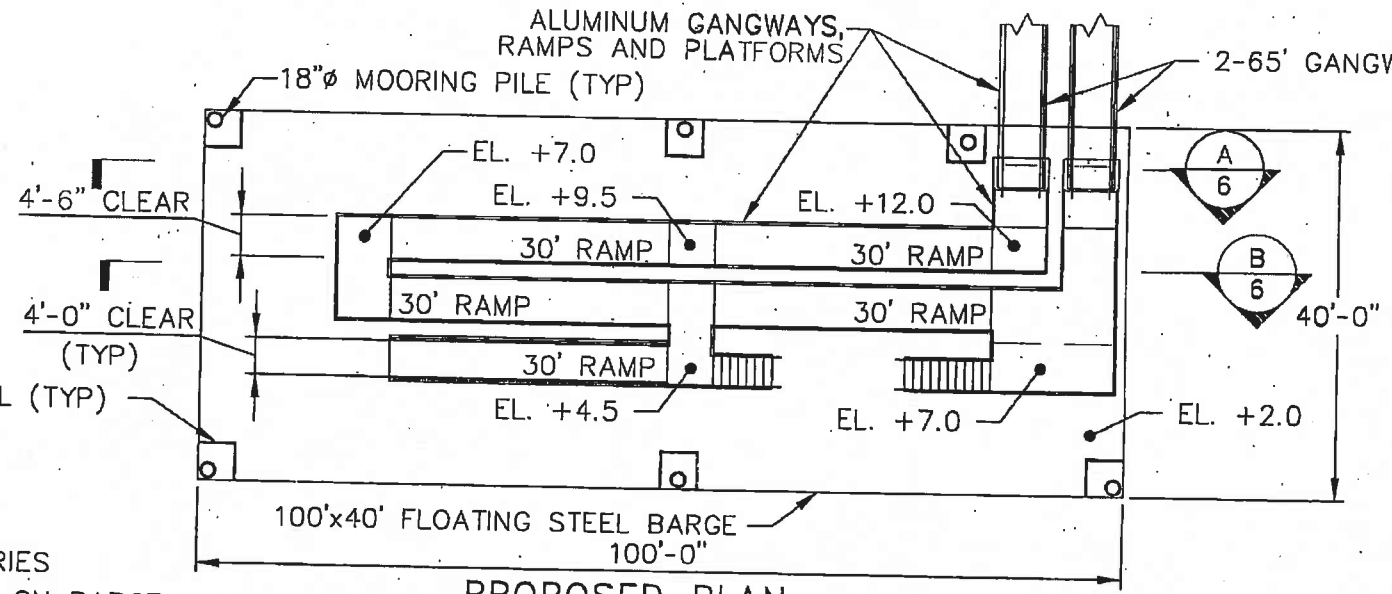
LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection
Date JUN 13 1997

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 5 OF 10

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date JUN 18 1997

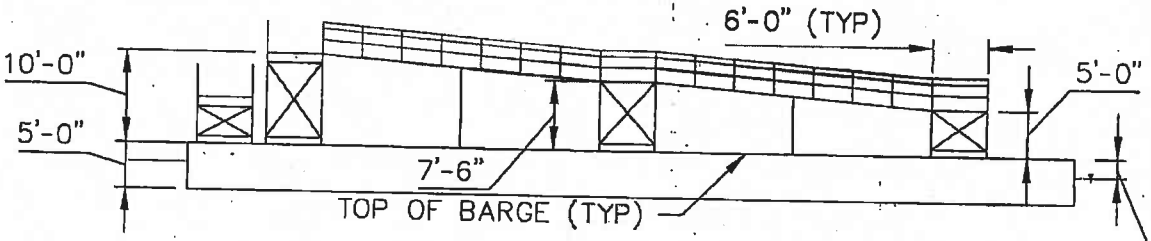


NOTE:
ELEVATION AT BARGE VARIES
ELEVATION SHOWN BASED ON BARGE @ MLW

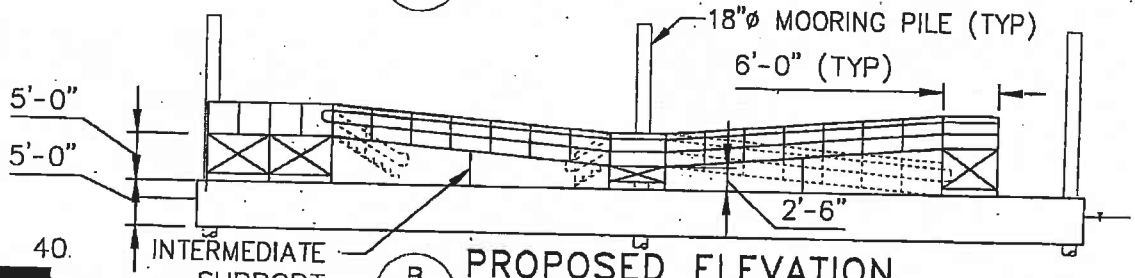
PROPOSED PLAN

OLD HARBOR / DORCHESTER BA

006-070-054-1061-100
006-070-142-1000-400
006-060-341-5000-260
006-070-271-0000-100



A 6 PROPOSED ELEVATION



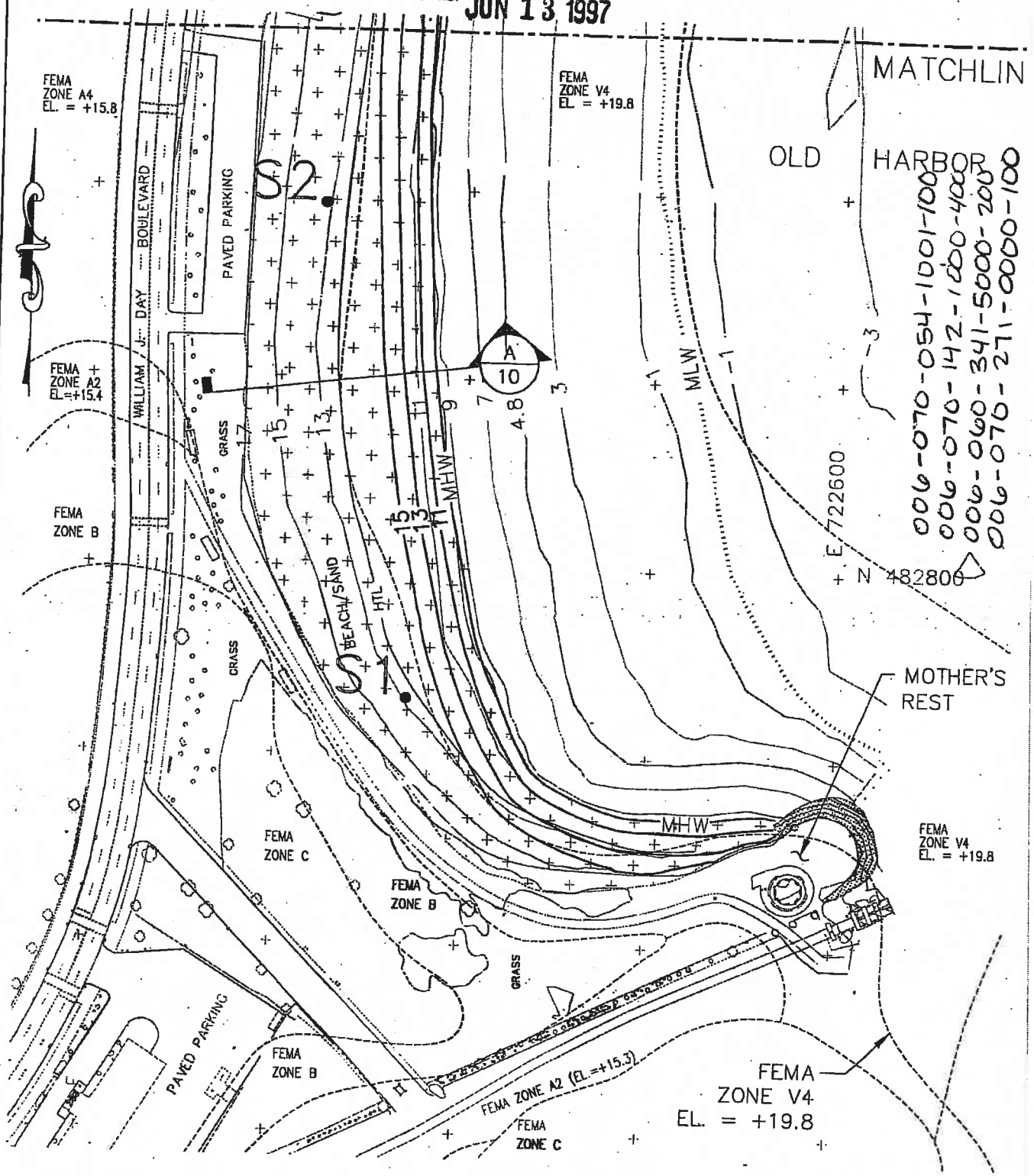
B 6 PROPOSED ELEVATION

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8

0 20 40
SCALE: 1" = 20'-0"

JANUARY 1997
SHEET 6 OF 10

Approved by Department of Environmental Protection
Date: JUN 13 1997



CARSON BEACH RESANDING AREA
TOTAL AREA = 283,000 sq.ft.
TOTAL VOLUME = 15,000 cu.yd.

BEYOND HTL
AREA = 130,000 sq.ft.
VOLUME = 10,000 cu.yd.

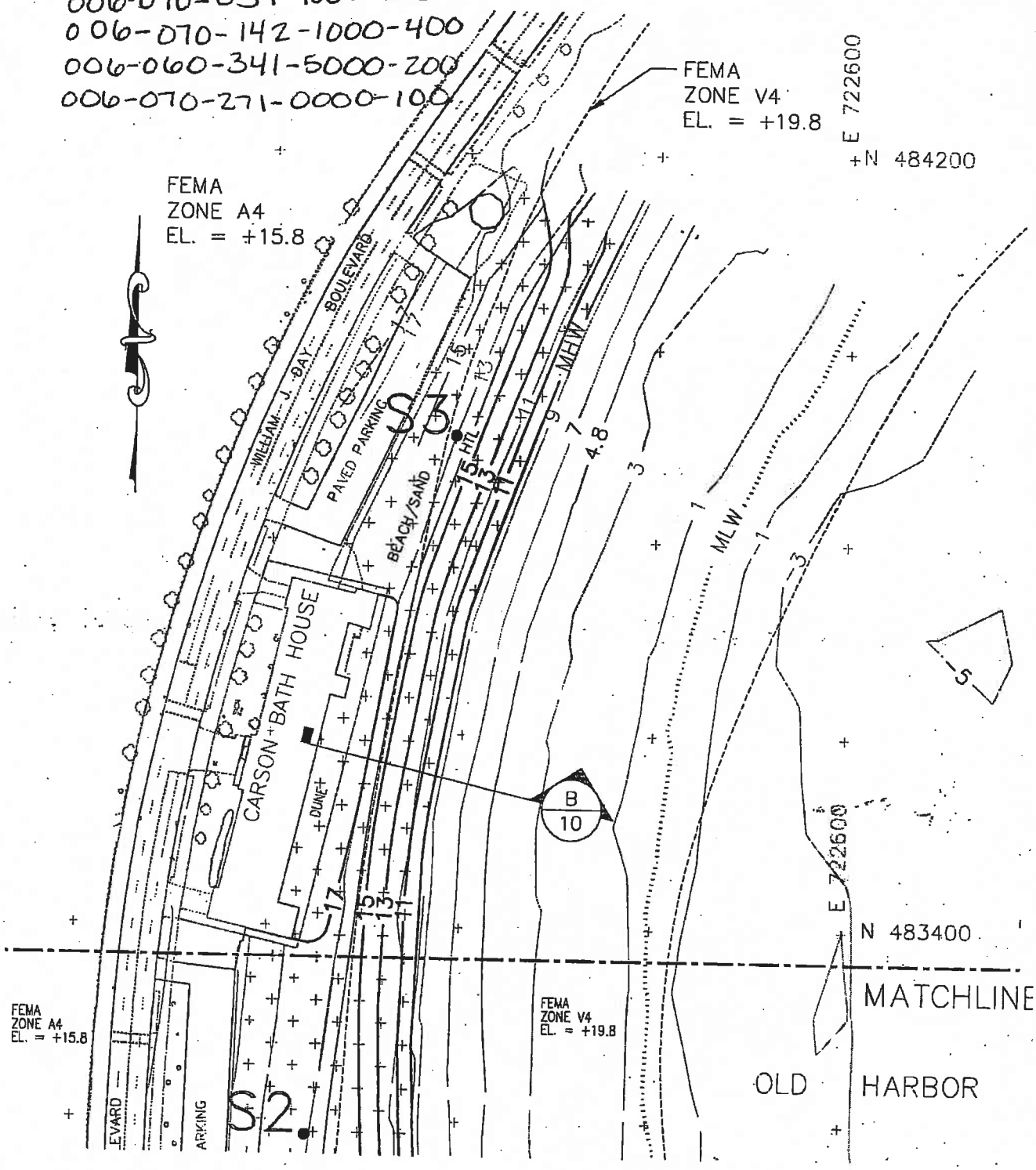
CARSON BEACH
PROPOSED RESANDING—PLAN

0 150 300
SCALE: 1" = 150'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURKE
STRUCTURAL
No. 30861
REGISTERED PROFESSIONAL ENGINEER

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0
JANUARY 1997
SHEET 7 OF 10

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

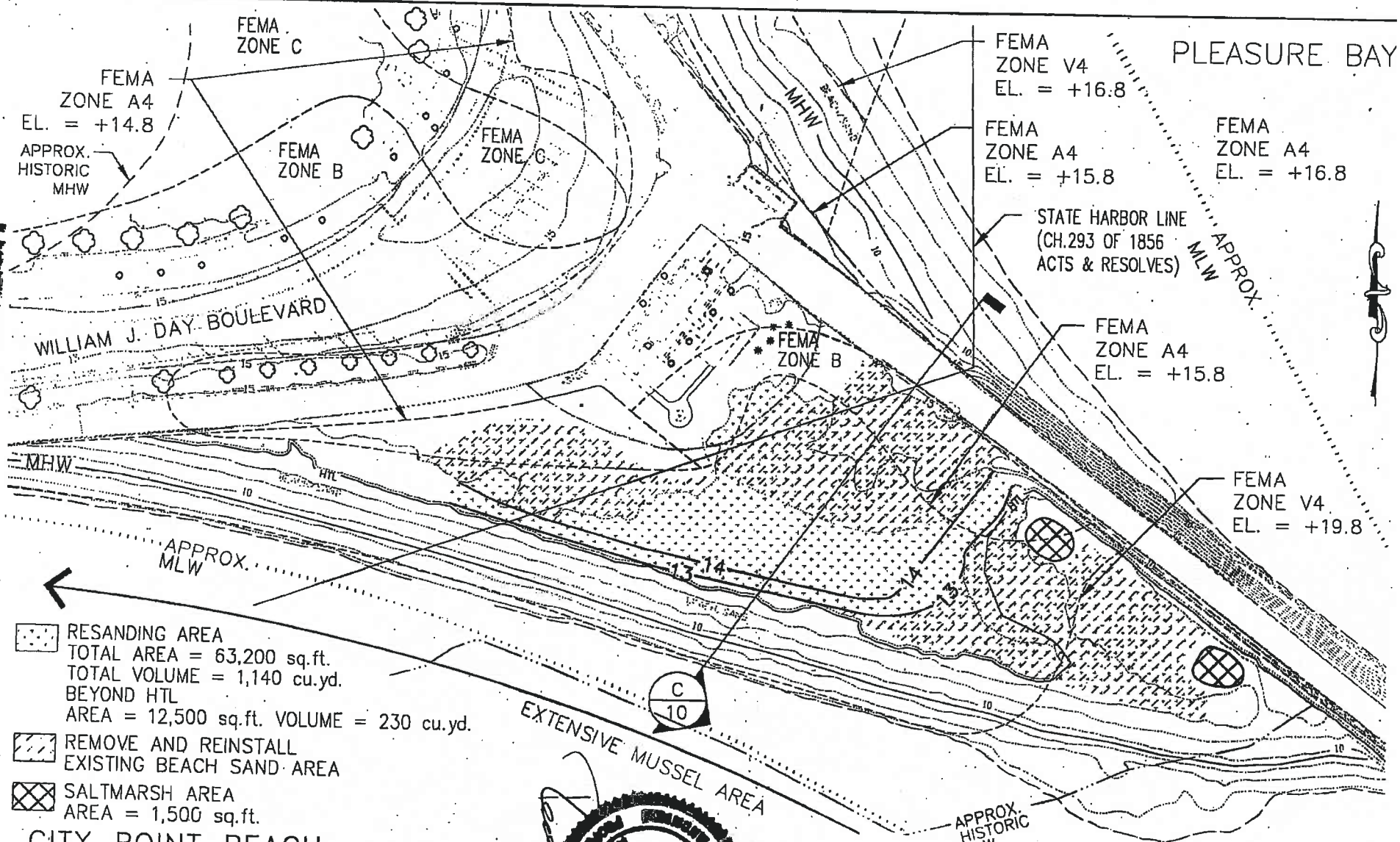
CARSON BEACH
PROPOSED RESANDING–PLAN

0 150 300

SCALE: 1" = 150'–0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 31661
REGISTERED
PROFESSIONAL ENGINEER

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0
JANUARY 1997
SHEET 8 OF 10



LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection

Date JUN 13 1997

CITY POINT BEACH

PROPOSED RESANDING—PLAN

0 100 200

SCALE: 1" = 100'-0"

JANUARY 1997

SHEET 9 OF 10

RONALD R. BOURRE STRUCTURAL No. 36561

006-070-054-1001-100

006-070-142-1000-400

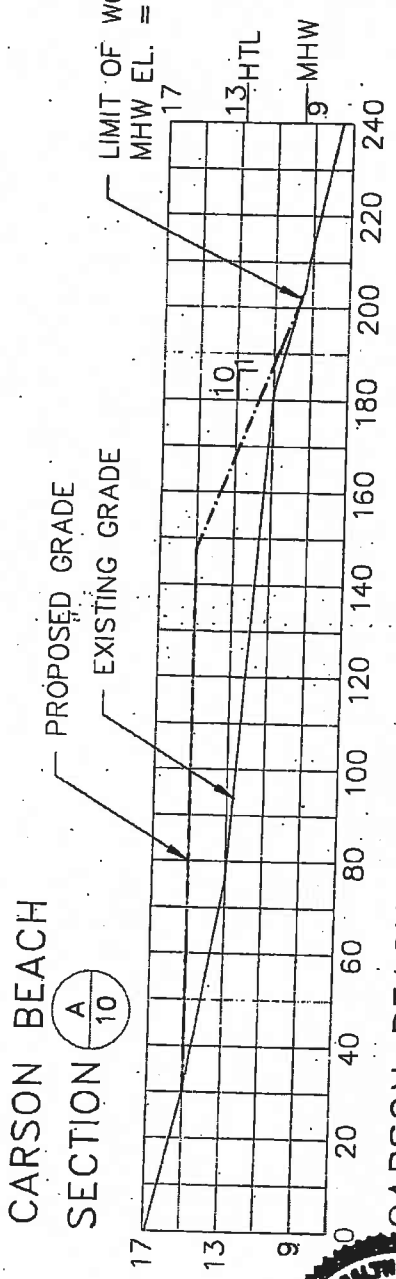
006-060-341-5000-200

006-070-271-0000-100

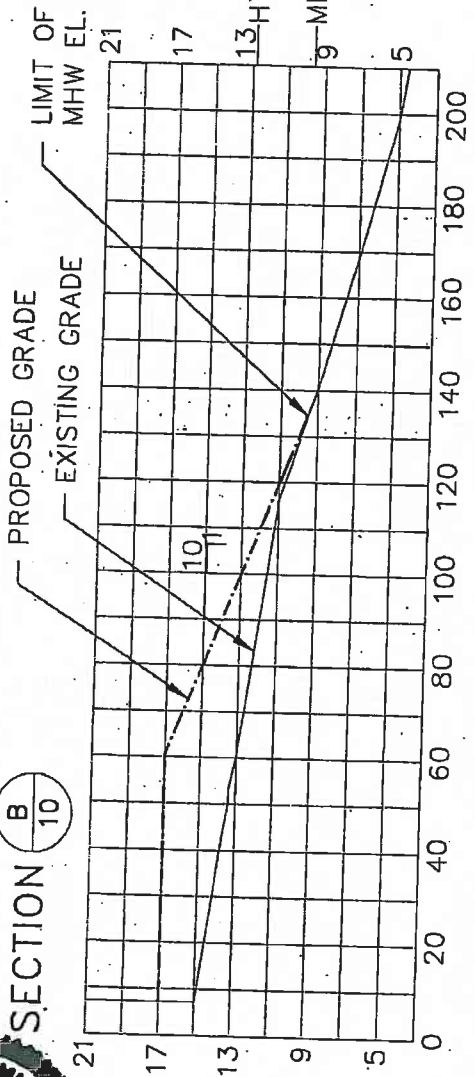
100yr. FLOOD	+19.8
HTL	+12.8
MHW	+9.4
NGVD	+4.8
MLW	+0.0

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

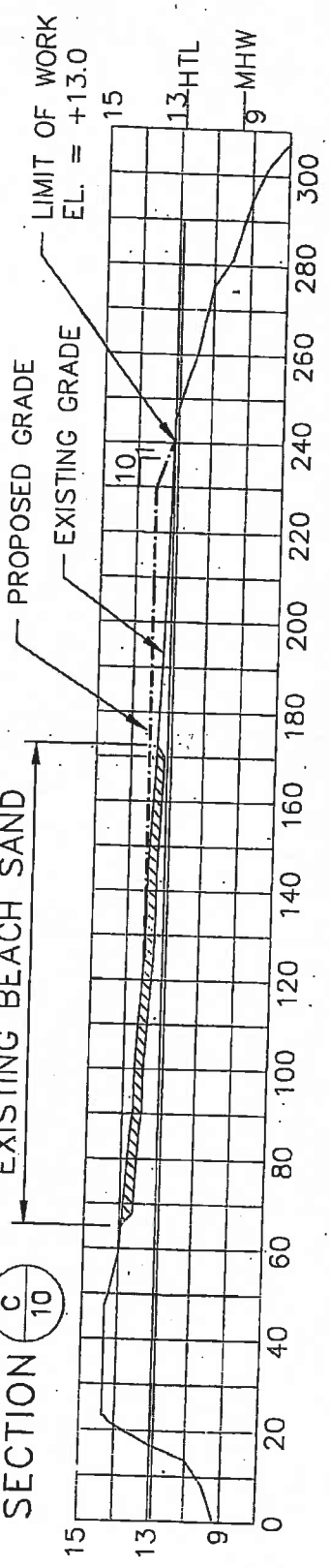
006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



CARSON BEACH
SECTION A/10



CARSON BEACH
SECTION B/10



CITY POINT BEACH
SECTION C/10

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURRE
STRUCTURAL
No. 30961
REGISTERED PROFESSIONAL ENGINEER

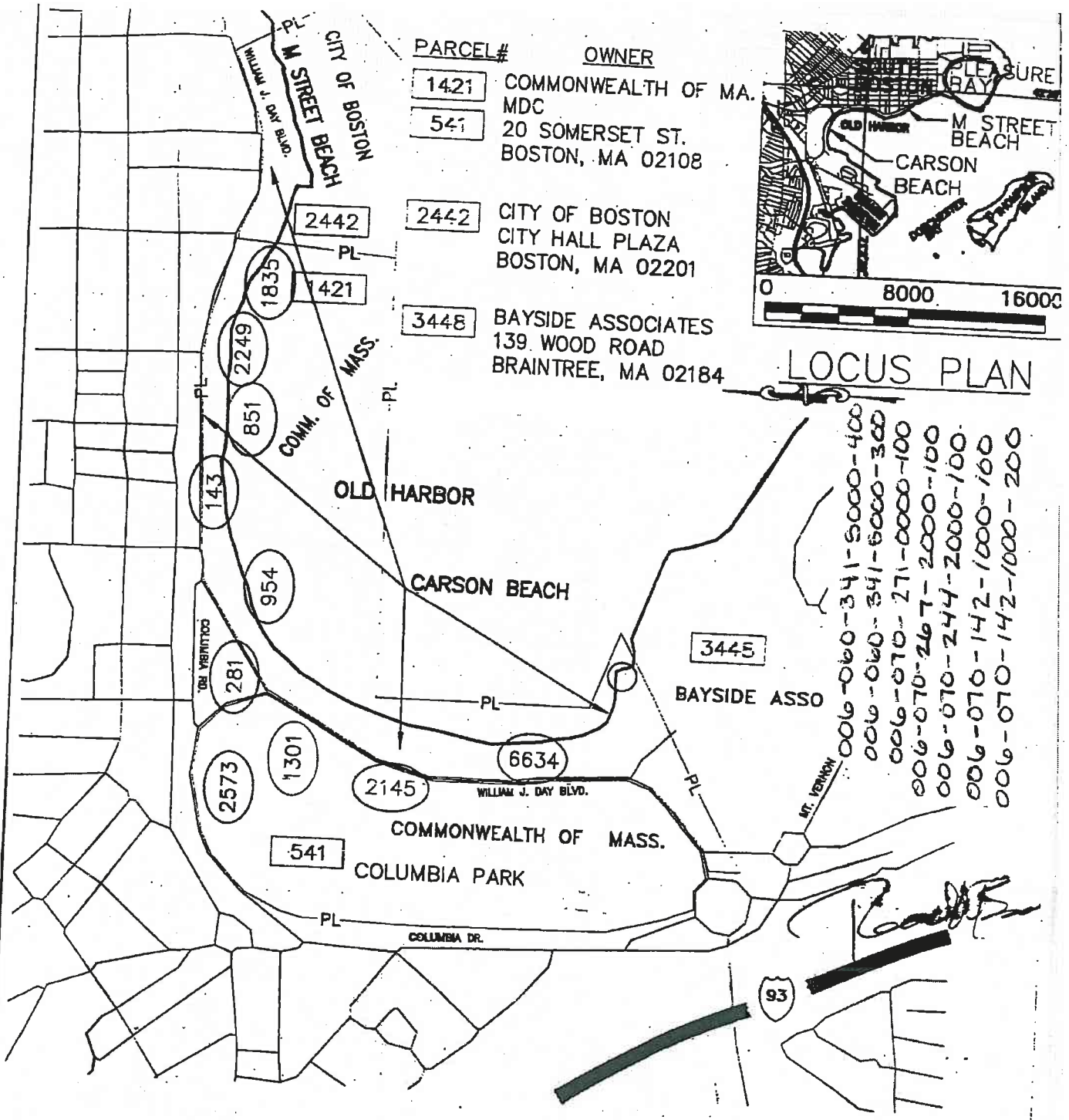
PROPOSED RESANDING—CROSS SECTION

HORIZONTAL SCALE
0 40 80
SCALE: 1" = 40'-0"

VERTICAL SCALE
0 10 20
SCALE: 1" = 10'-0"

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0

JANUARY 1997
SHEET 10 OF 10



PARCEL#	OWNER
1421	COMMONWEALTH OF MA. MDC
541	20 SOMERSET ST. BOSTON, MA 02108
2442	CITY OF BOSTON CITY HALL PLAZA BOSTON, MA 02201
3448	BAYSIDE ASSOCIATES 139 WOOD ROAD BRAINTREE, MA 02184

LOCUS PLAN

(2145) PREVIOUS CH. 91 LICENSES

OVERALL PLAN

0 800 1600

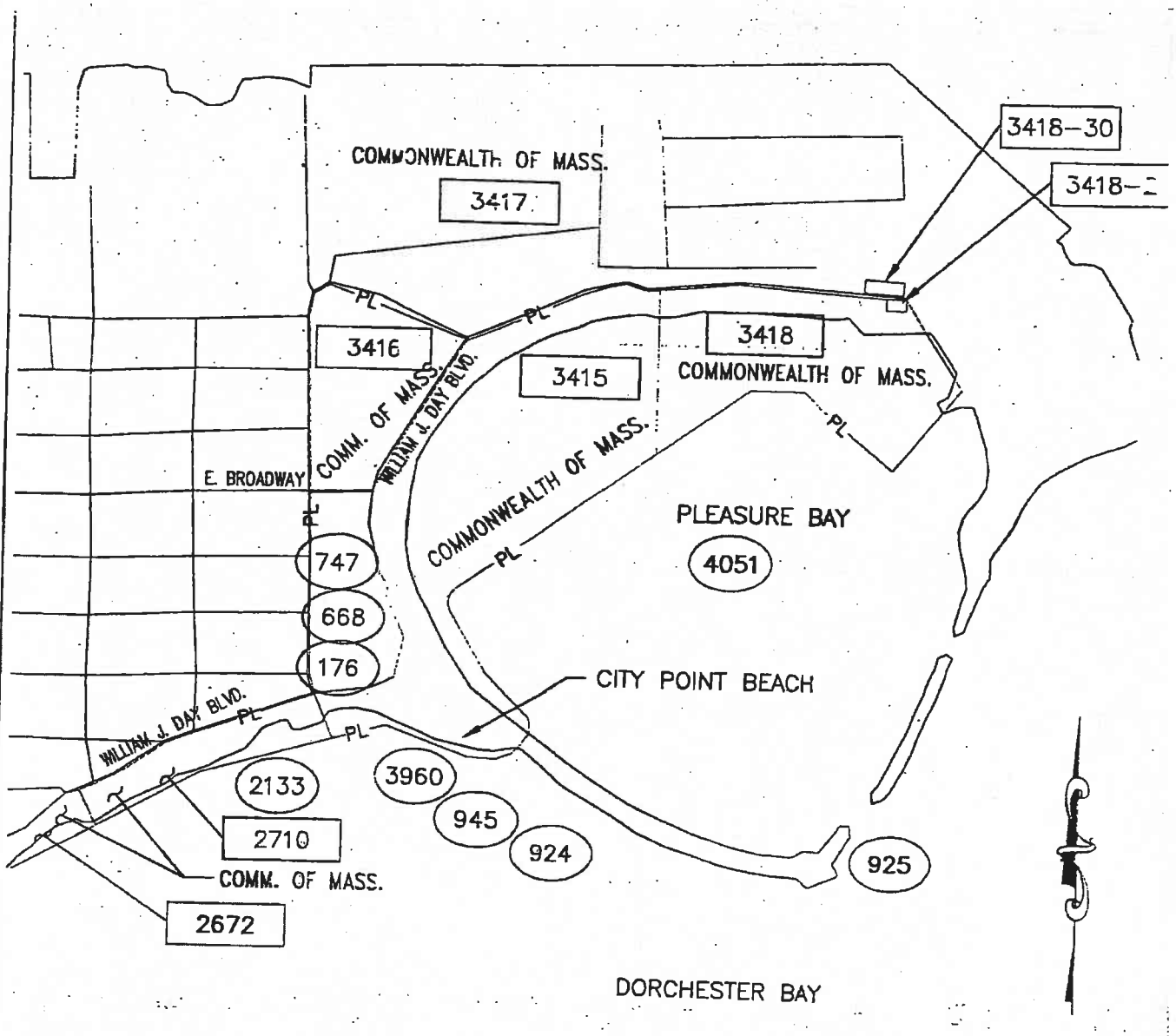
SCALE: 1" = 800'-0"

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 1A OF 24

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN PUBLIC ACCESS FACILITIES INCLUDING BOARDWALKS & BEACH ENTRANCES & RECONSTRUCT SIDEWALKS, SITE WALLS & PARKING LOTS.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Commonwealth of Massachusetts
JUL 21 1998
for James Sprague



PARCEL #	
2672	2710
3415	3416
3417	3418
3418–2	3418–30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

925 PREVIOUS CH. 91 LICENSES

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 7386

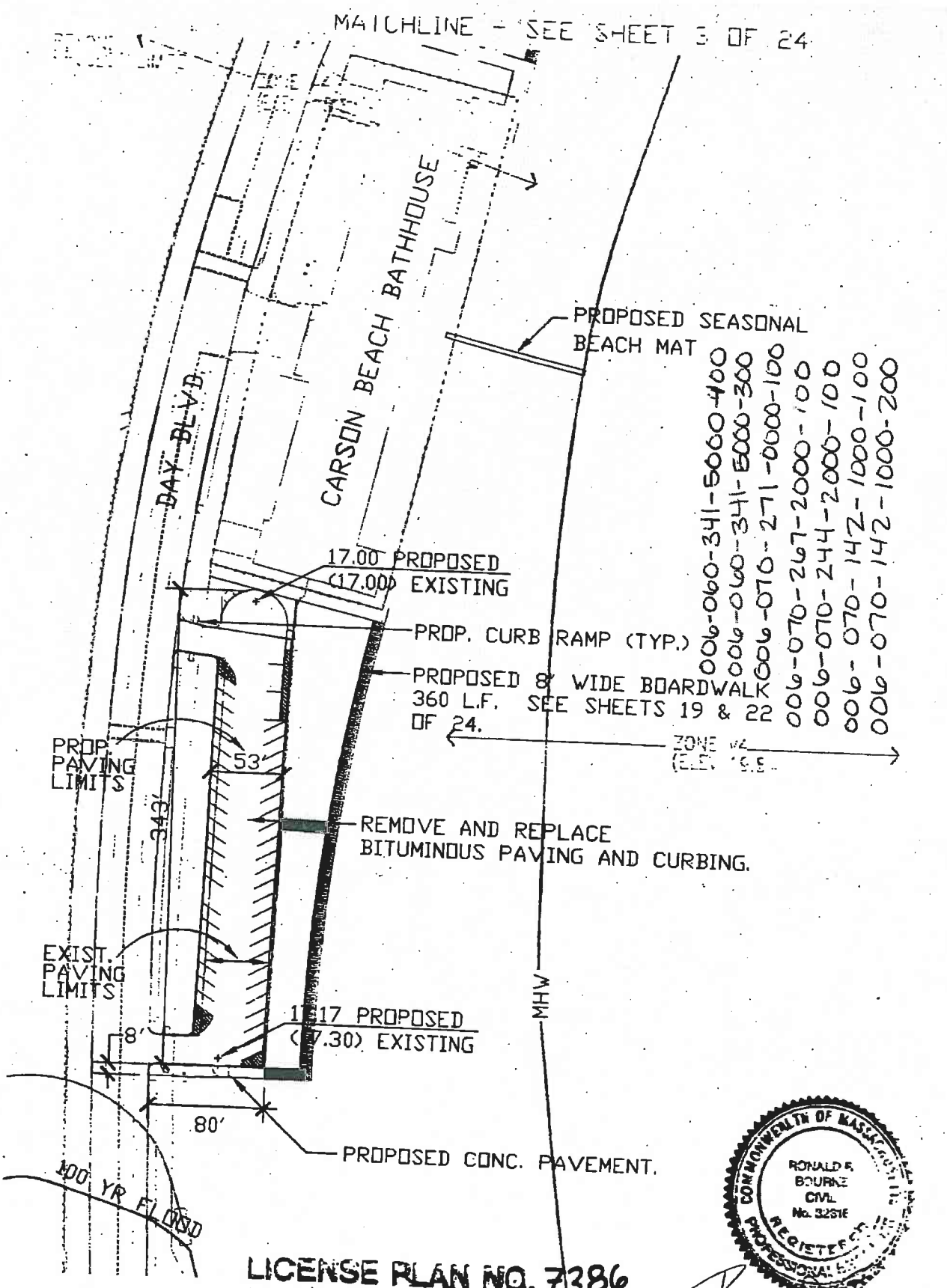
Approved by Department of Environmental Protection

Date JUL 21 1998

100yr. FLOOD +19.6
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998

SHEET 1B OF 2



LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: JUL 21 1998

RONALD F. BOURKE CIVIL No. 32516 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

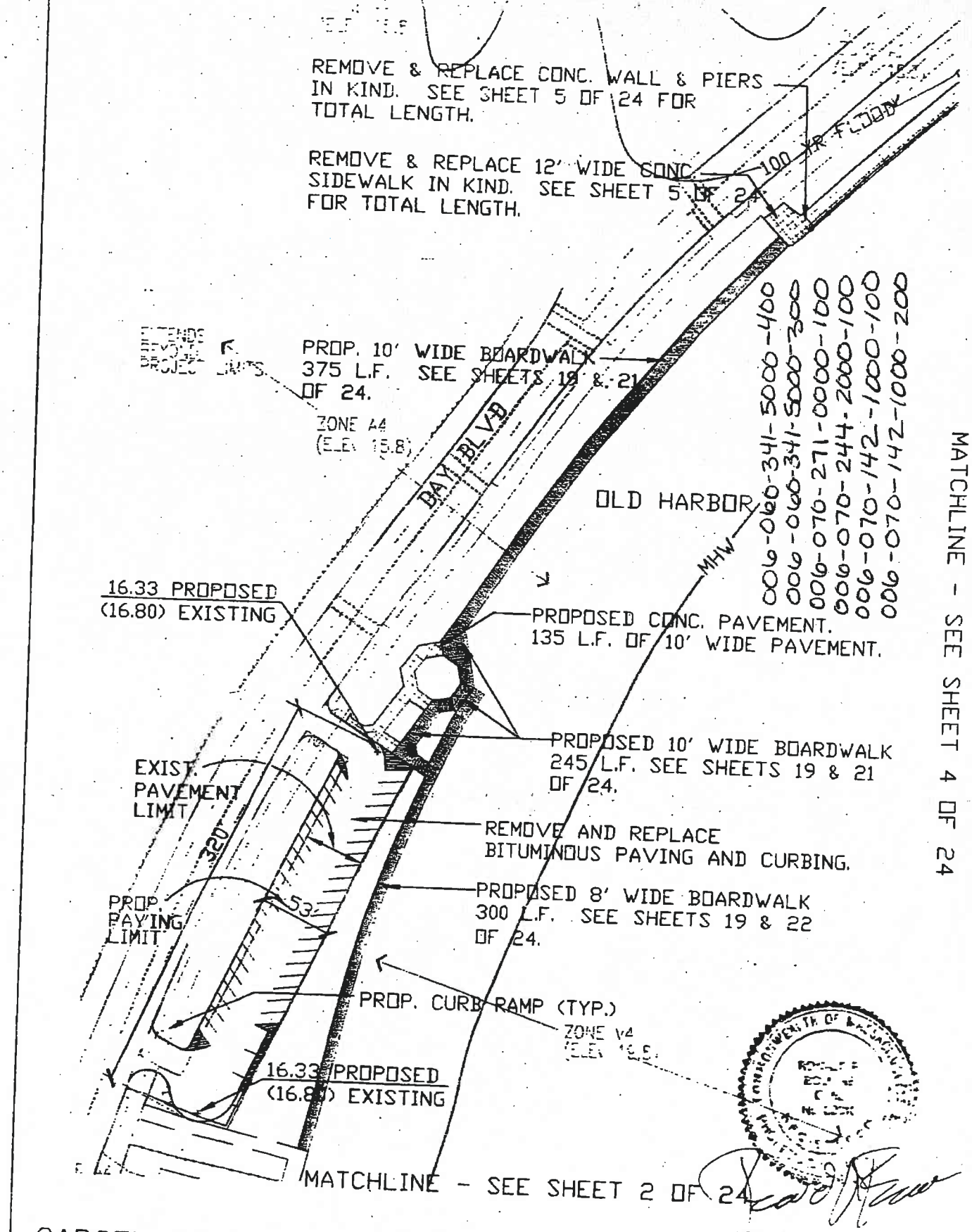
CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE 1"=100'-0"

100 YR. FLOOD +19.
MHW +9
MSL +4
MLW +0

FEBRUARY 199



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE 1"=100'

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

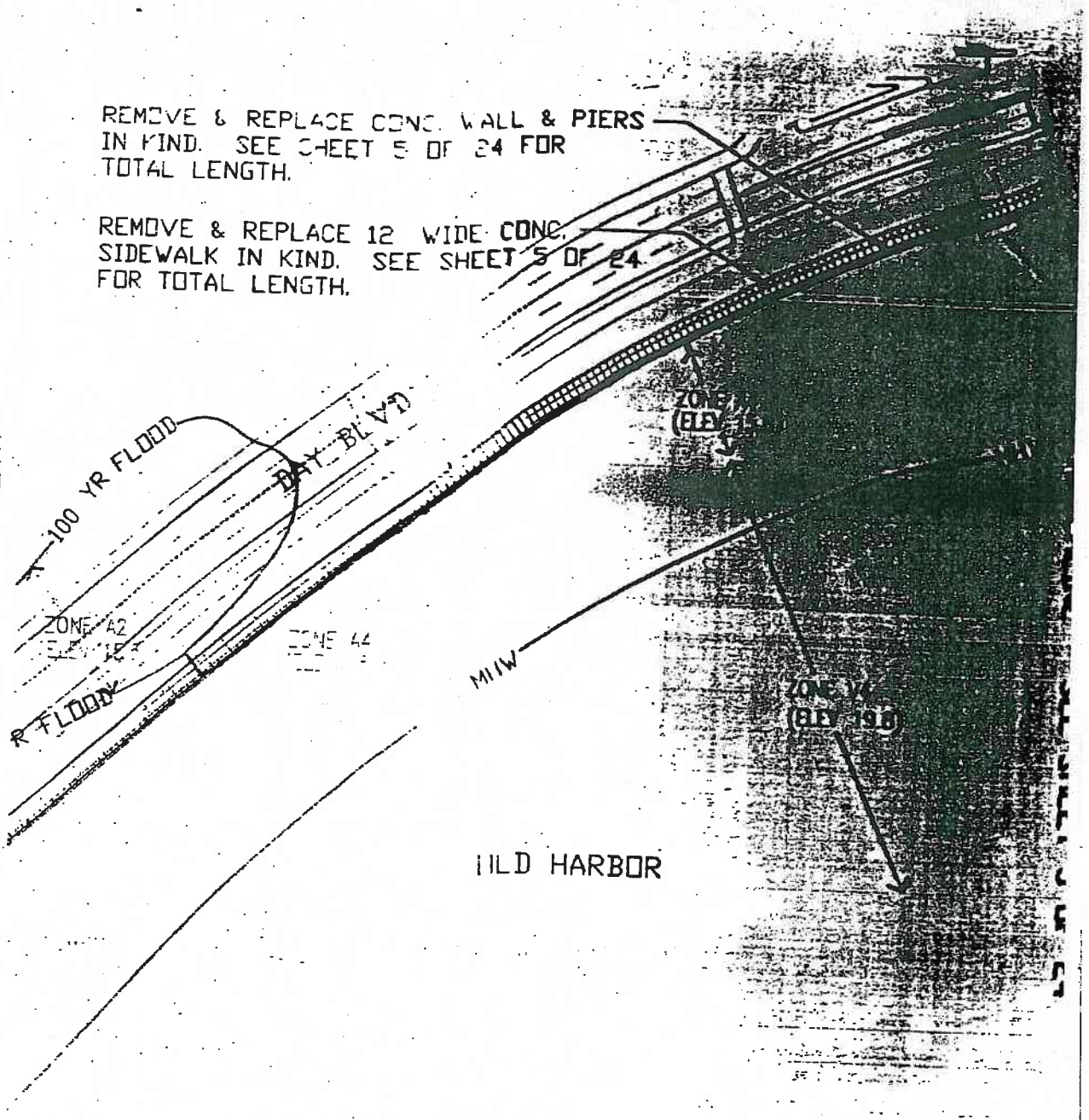
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

Date: JUL 21 1998

FEBRUARY 199

SHEET 3 OF



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

RONALD R. BOURNE CIVIL No. 35198 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

CARSON BEACH
PROPOSED CONSTRUCTION PLAN VIEW

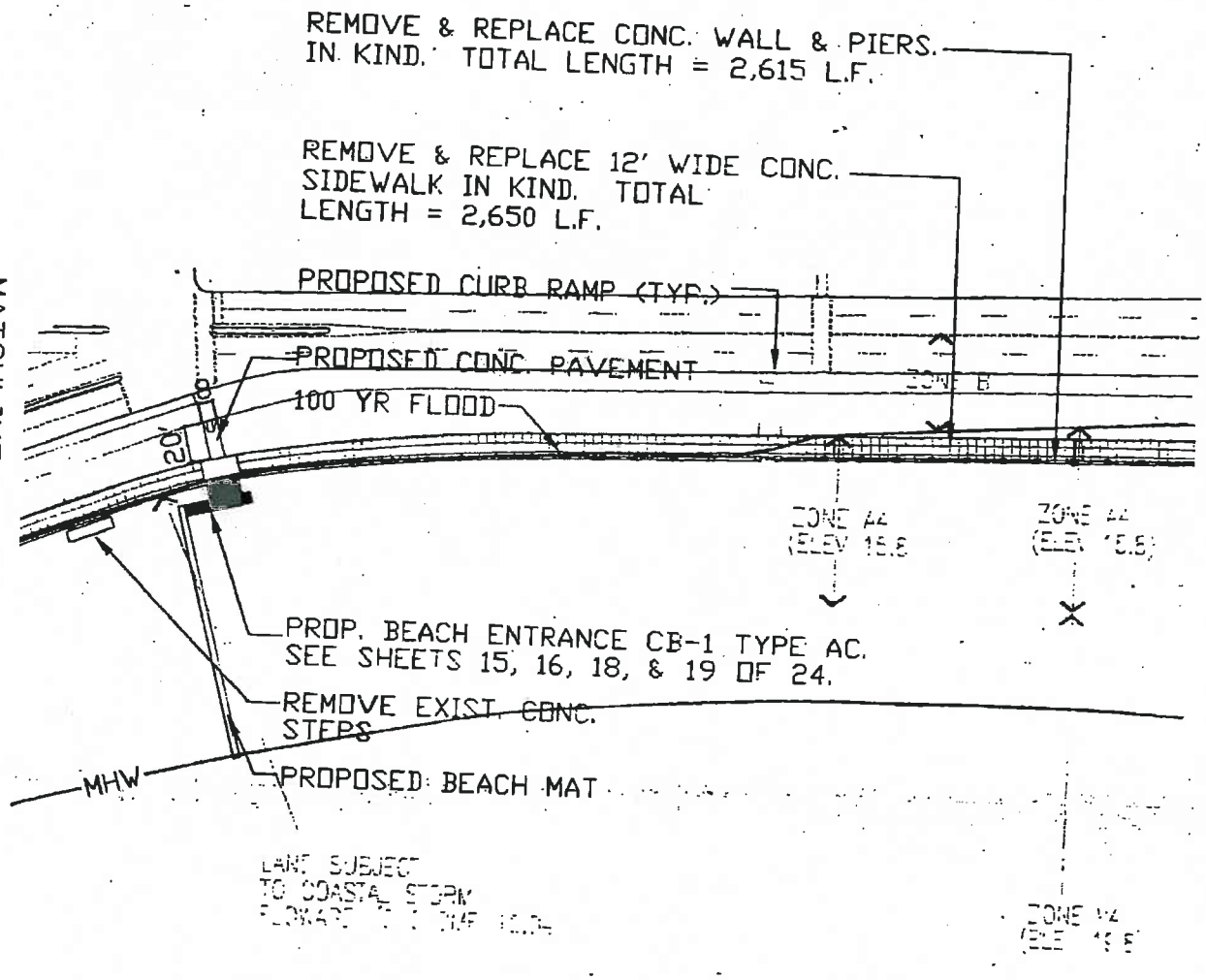
0 100 200

100 YR. FLOOD +1
MHW +
MSL +
MLW +

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: [illegible]

FEBRUARY 19
SHEET 4 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 4 OF 24

MATCHLINE - SEE SHEET 6 OF 24

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

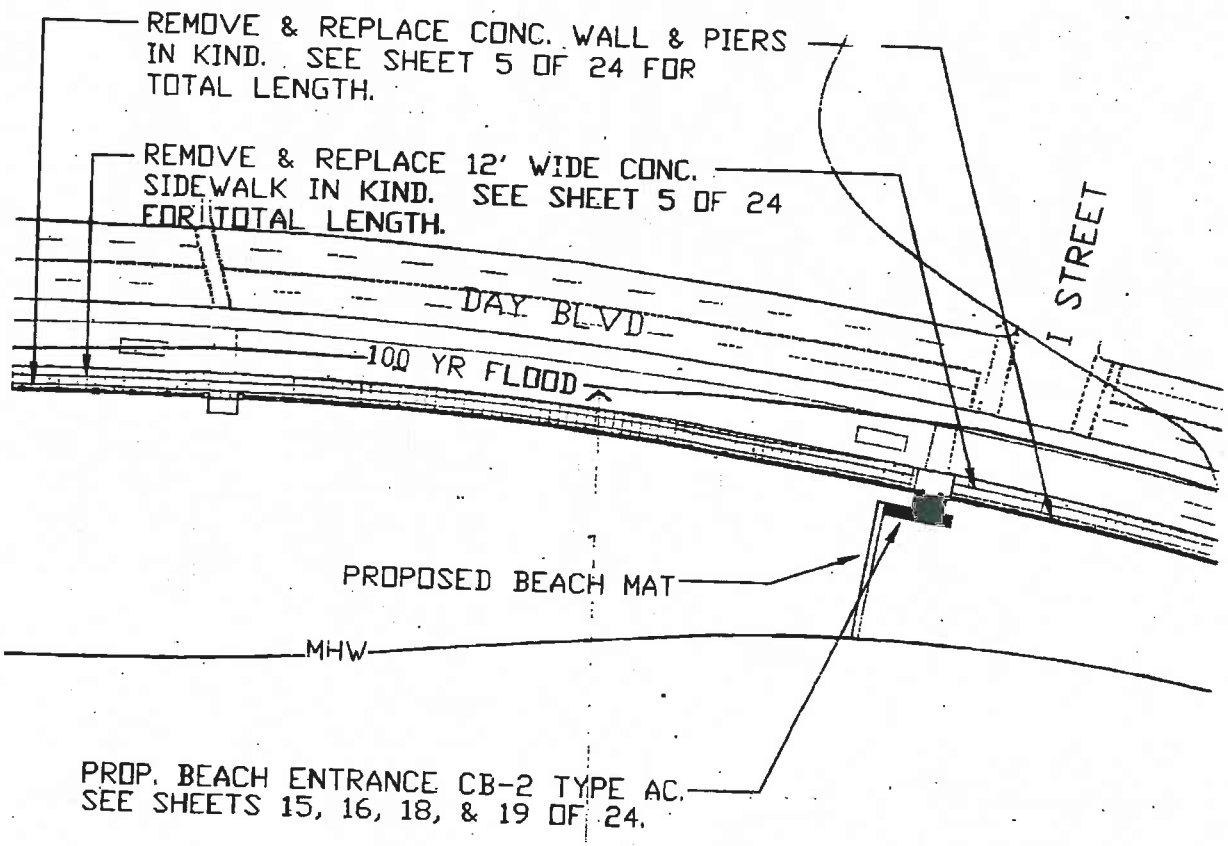
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 1998

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

ZONE B



MATCHLINE - SEE SHEET 5 OF 24

MATCHLINE - SEE SHEET 7 OF 24

LAND SUBJECT TO COASTAL STORM FLOWAGE [illegible] OVER 10.0'

OLD HARBOR

COMMONWEALTH OF MASSACHUSETTS
RONALD F BOURNE
CIVIL
No. 32216
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

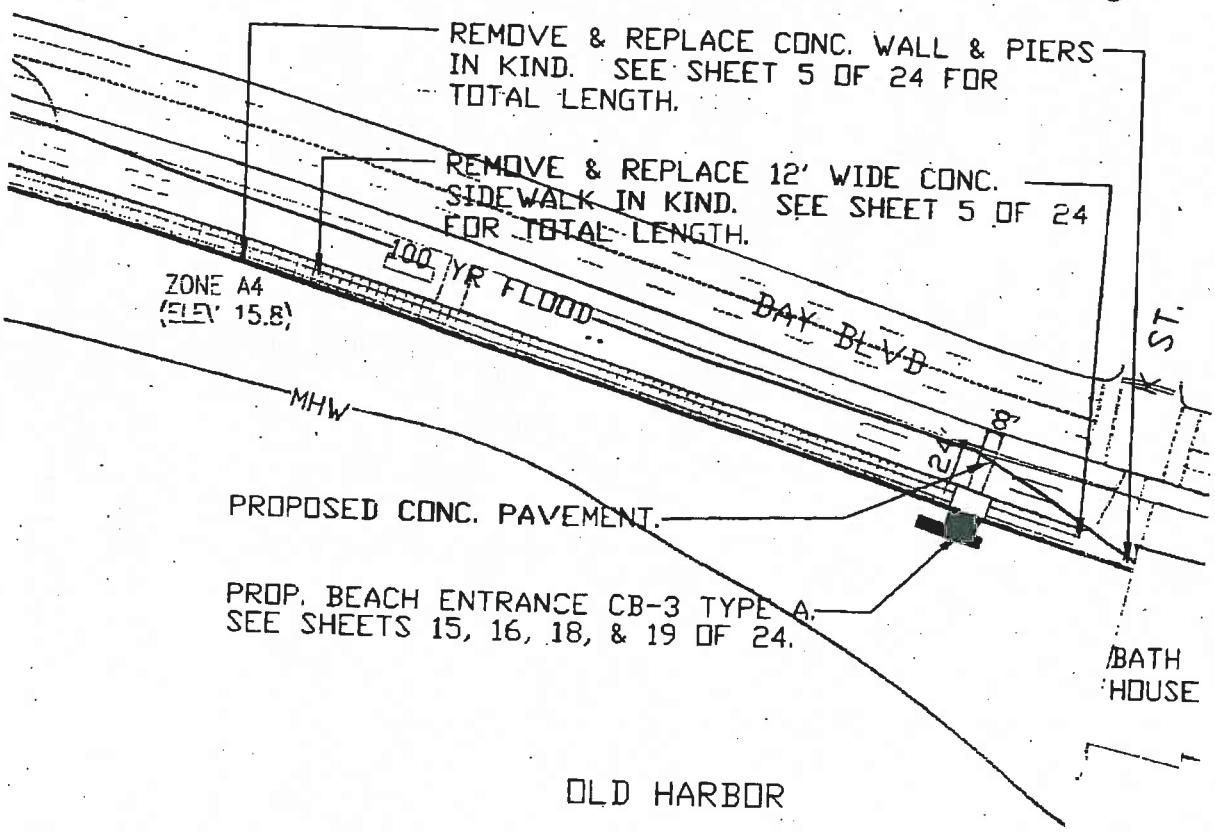
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
Date: [illegible]

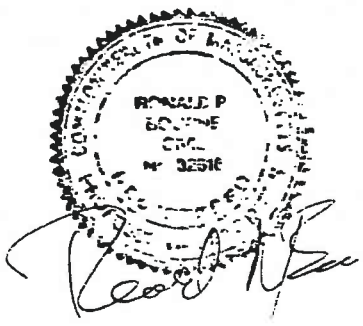
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 6 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 6 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 7 OF 2

006-060-341-5000-400
006-060-341-5000-300
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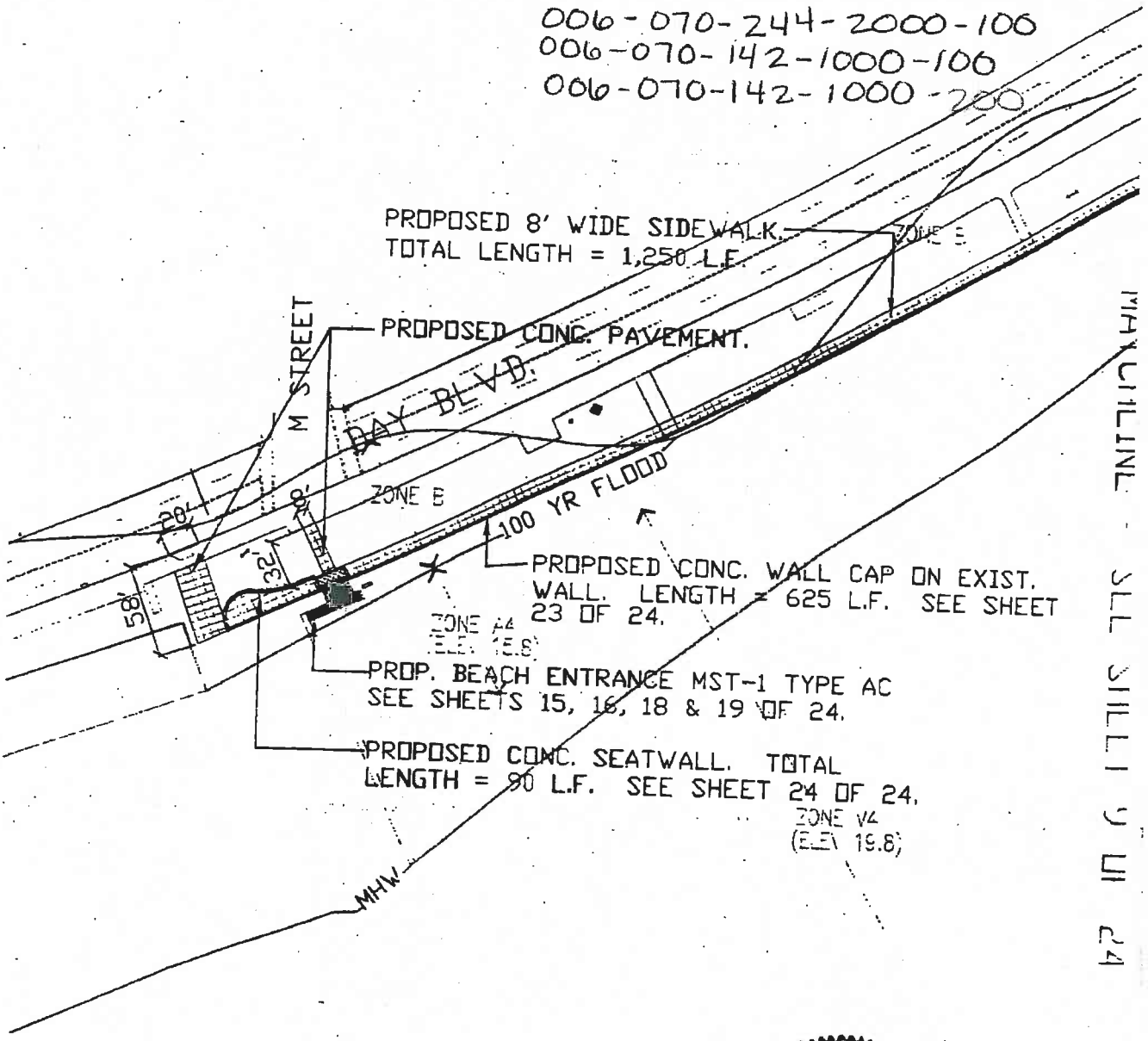
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MAYFLOWER - SLL SHELL 9 01 24

COMMONWEALTH OF MASSACHUSETTS
RONALD R EQUINE
CIVIL
No. 32618
REGISTERED PROFESSIONAL ENGINEER

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

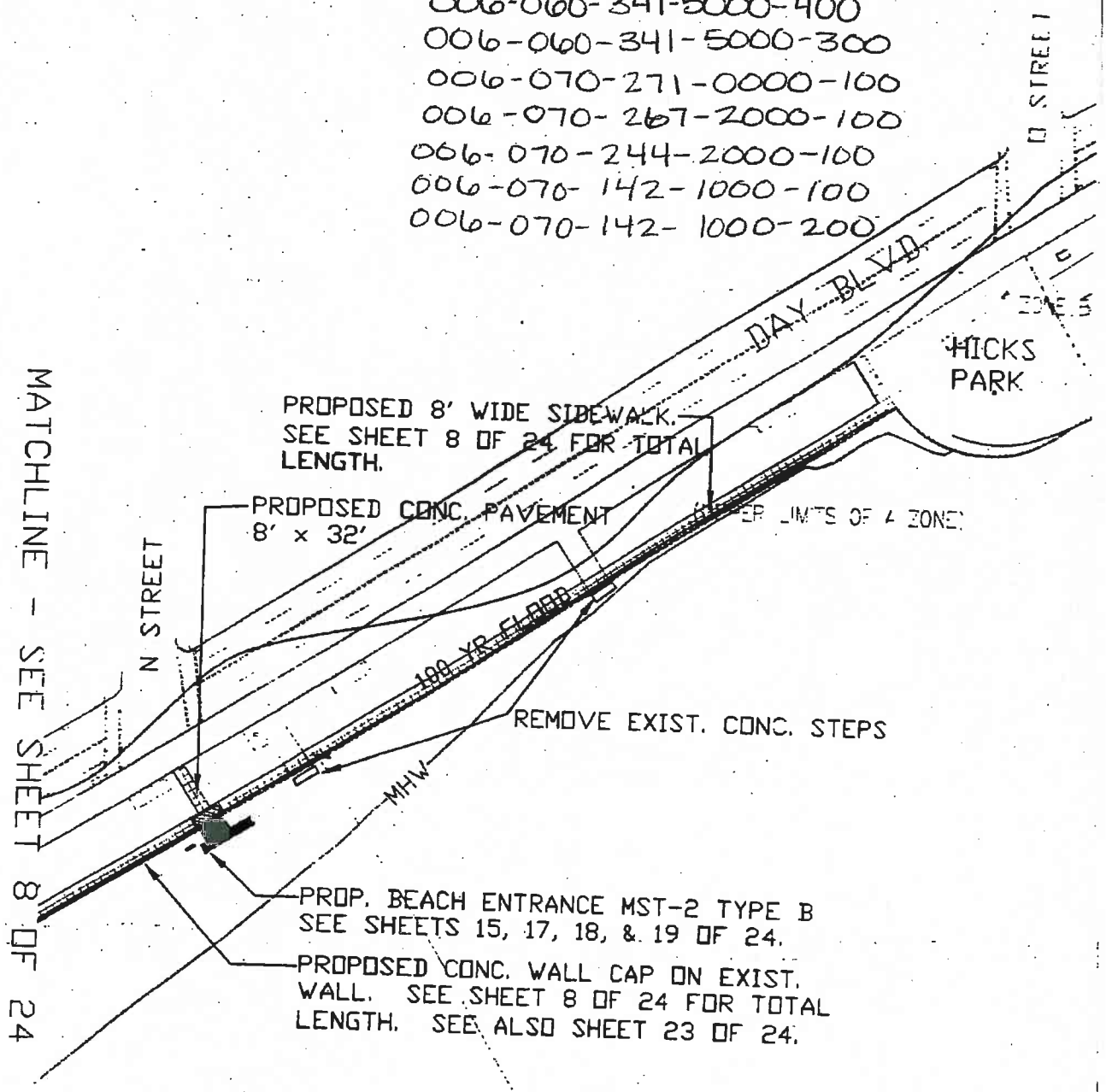
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: [illegible]

100 YR. FLOOD +19.3
MHW +9.4
MSL +4.5
MLW +0.3

FEBRUARY 1995
SHEET 8 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



RONALD R. BOURNE CIVIL No. 32616

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

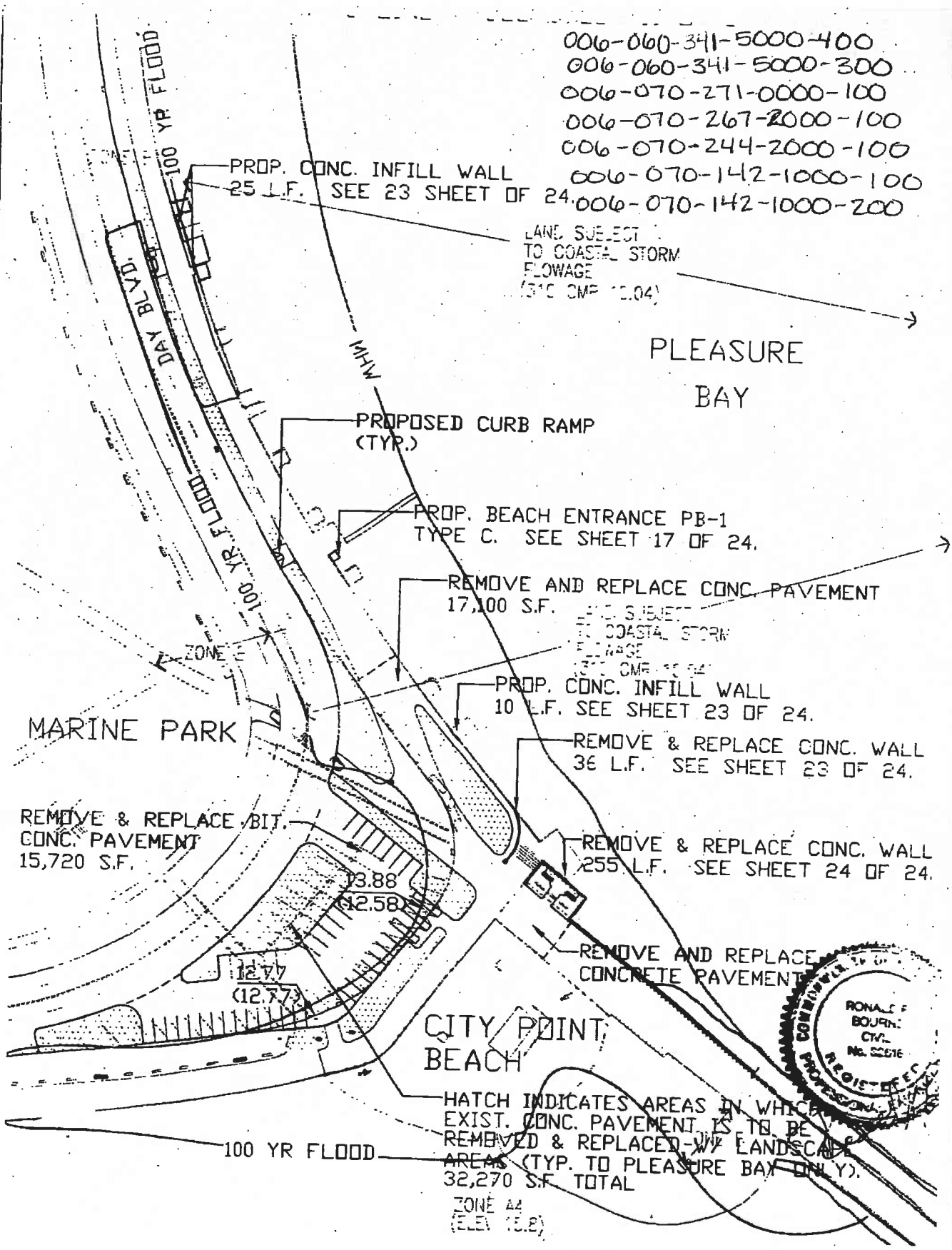
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

Department of Environmental Protection
MAY 21 1999

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 9 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE 1"=100'-0"

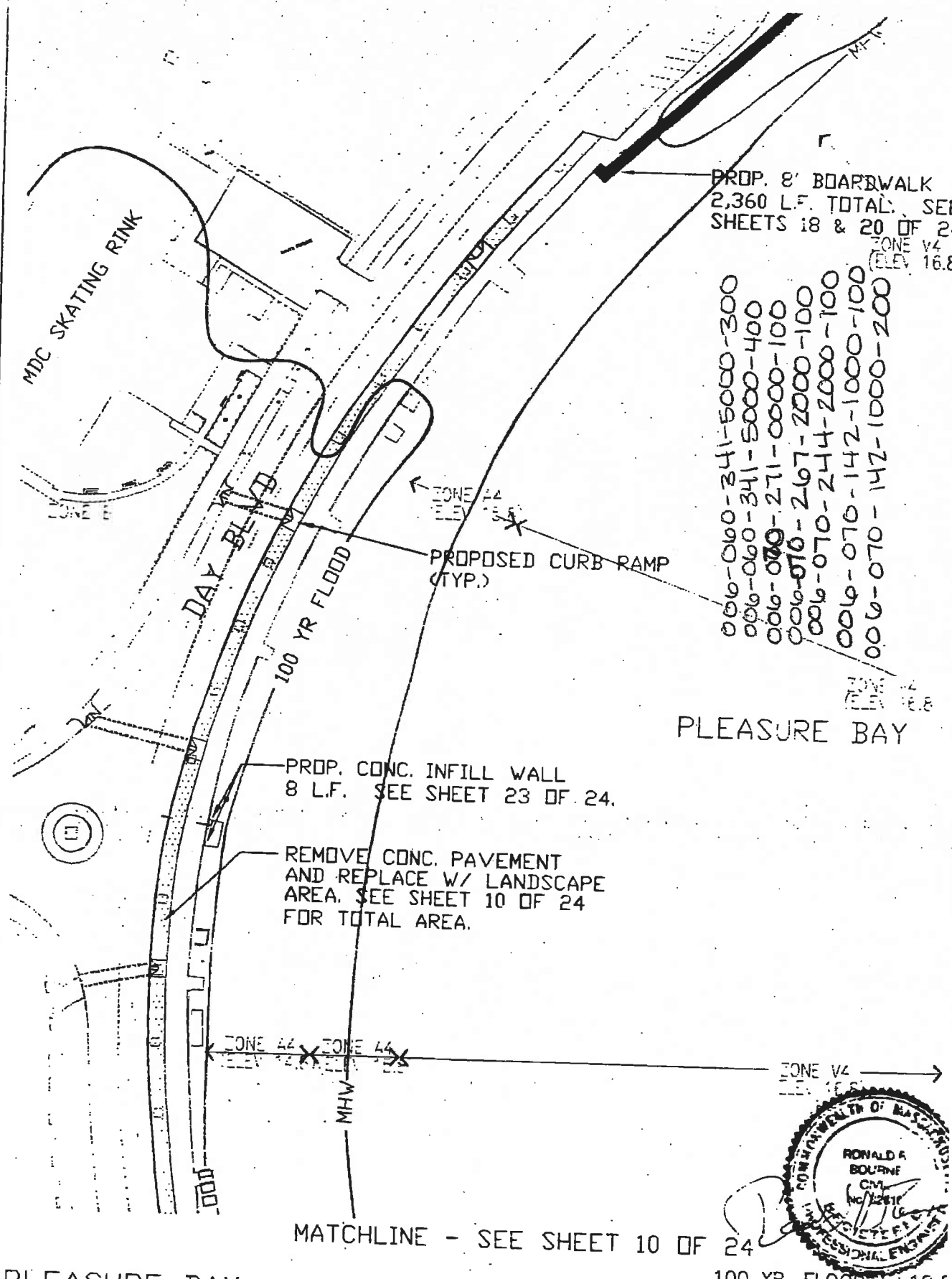
LICENSE PLAN NO. 7386

State of California - Department of Environmental Protection

Date: NOV 21 1998

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 1998
SHEET 10 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

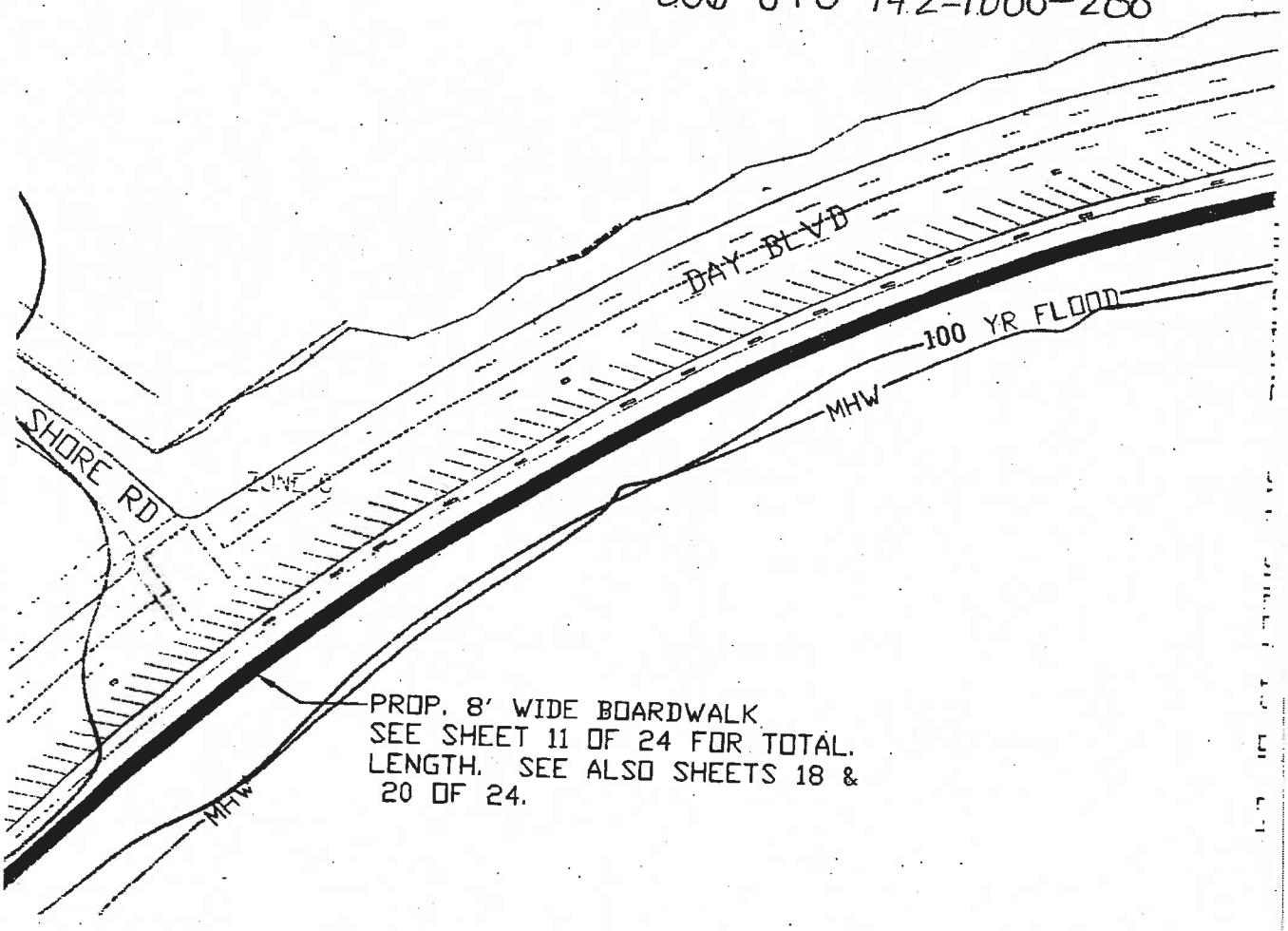
Approved by Department of Environmental Protection

Date: 9-4-1998

100 YR. FLOOD	+19.8
MHW	+9.4
MSL	+4.8
MLW	+0.0

FEBRUARY 1998
SHEET 11 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 11 OF 24

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

CENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 1998
SHEET 12 OF 2-

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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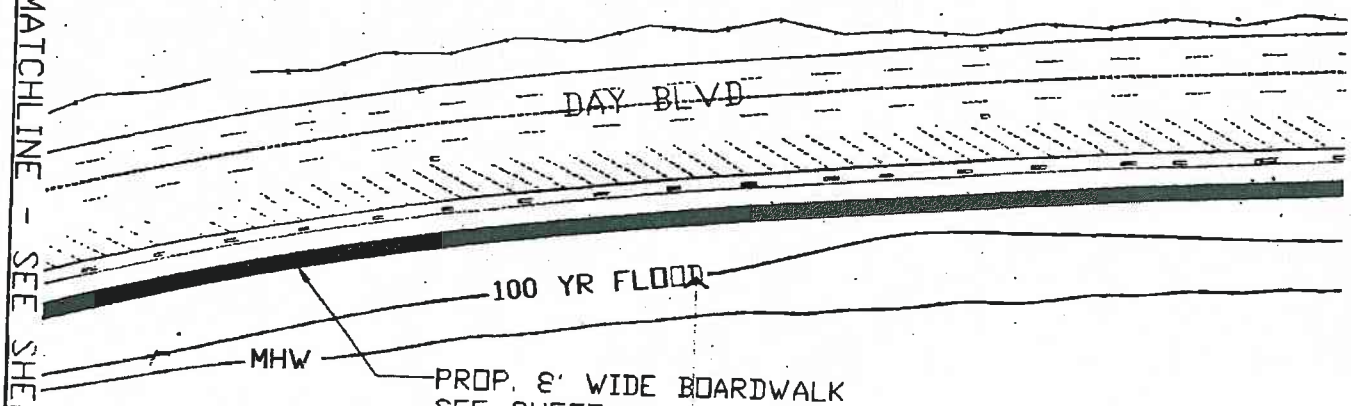
006-070-142-1000-200

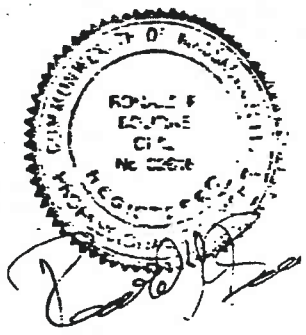


MATCHLINE - SEE SHEET 12 OF 24

PROP. 8' WIDE BOARDWALK
SEE SHEET 11 OF 24 FOR TOTAL LENGTH. SEE ALSO SHEETS 18 & 20 OF 24.

PLEASURE BAY

LAND SUBJECT TO COASTAL STORM FLOWAGE



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

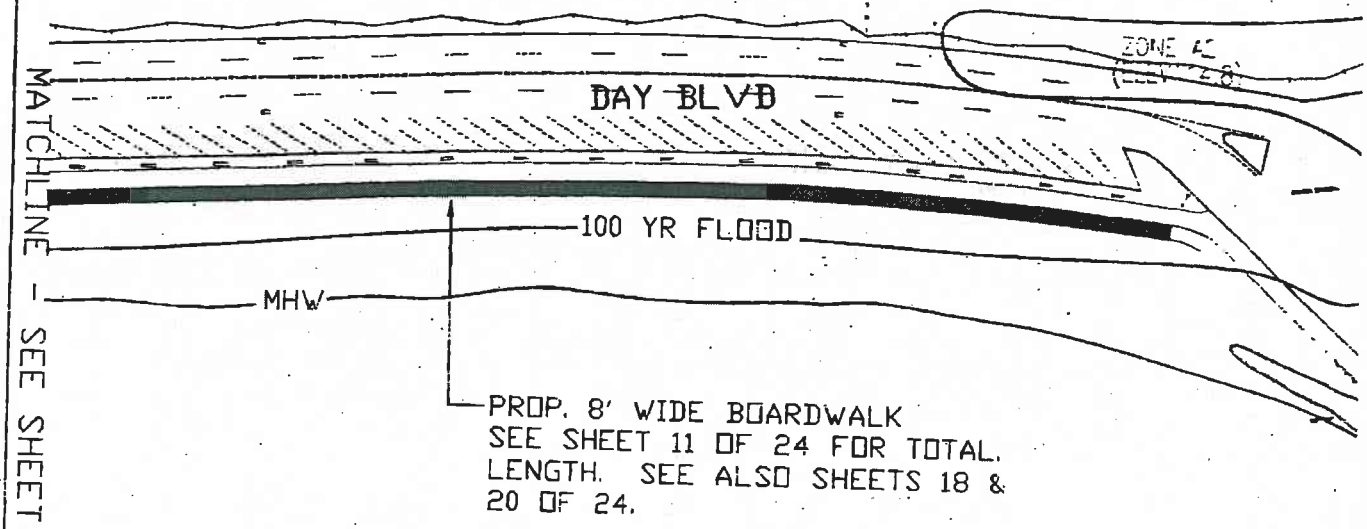
0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 13 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



PLEASURE BAY

COMMONWEALTH OF MASSACHUSETTS
RONALD F. BOURNE
CIVIL
REGISTERED

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

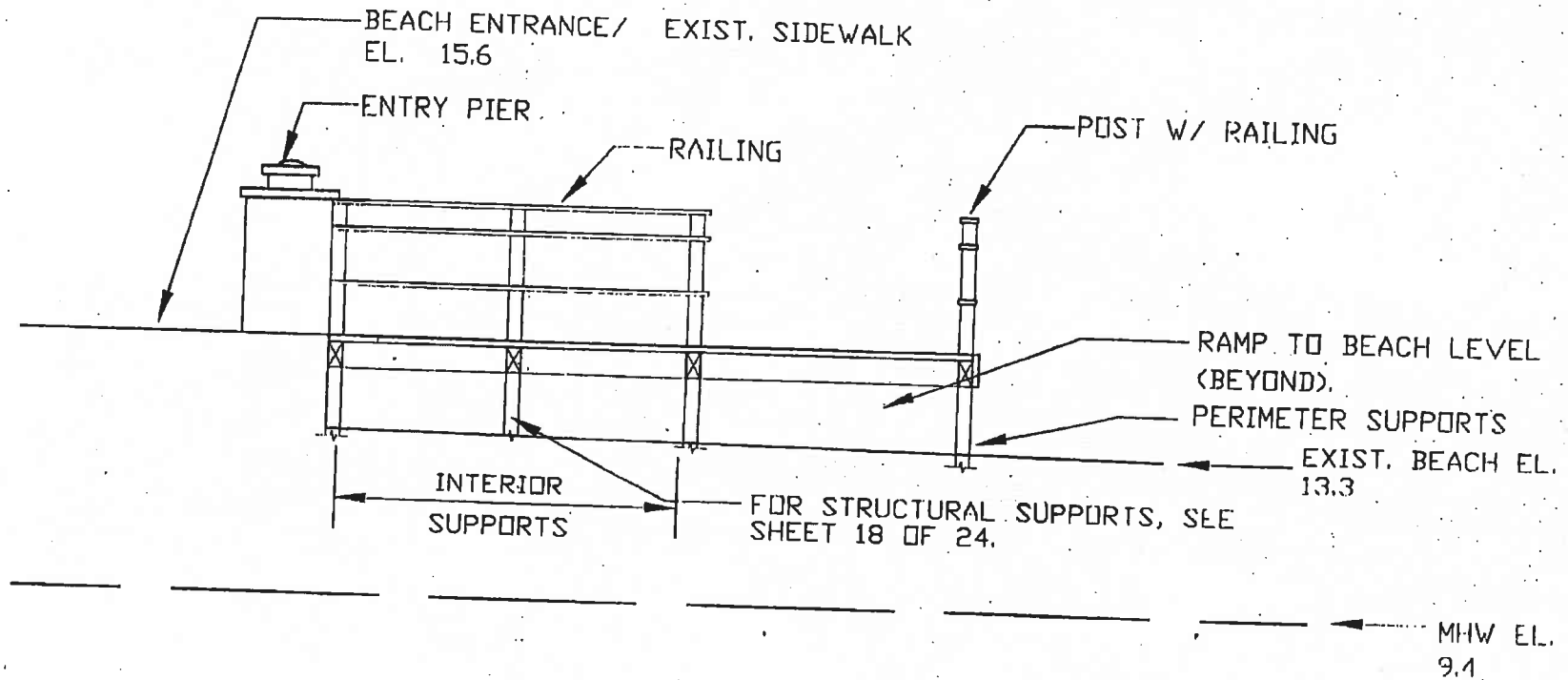
LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
Date 9.4.1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 14 OF 2

BEACH ENTRANCE - SECTION VIEW

SCALE: 1/4"=1'-0"



1/15 SECTION OF BEACH ENTRANCE

SECTION SHOWN IS OF THE BEACH ENTRANCE AT LOWEST ELEVATION (CLOSEST TO MHW)

NOTE: ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE NOTED.

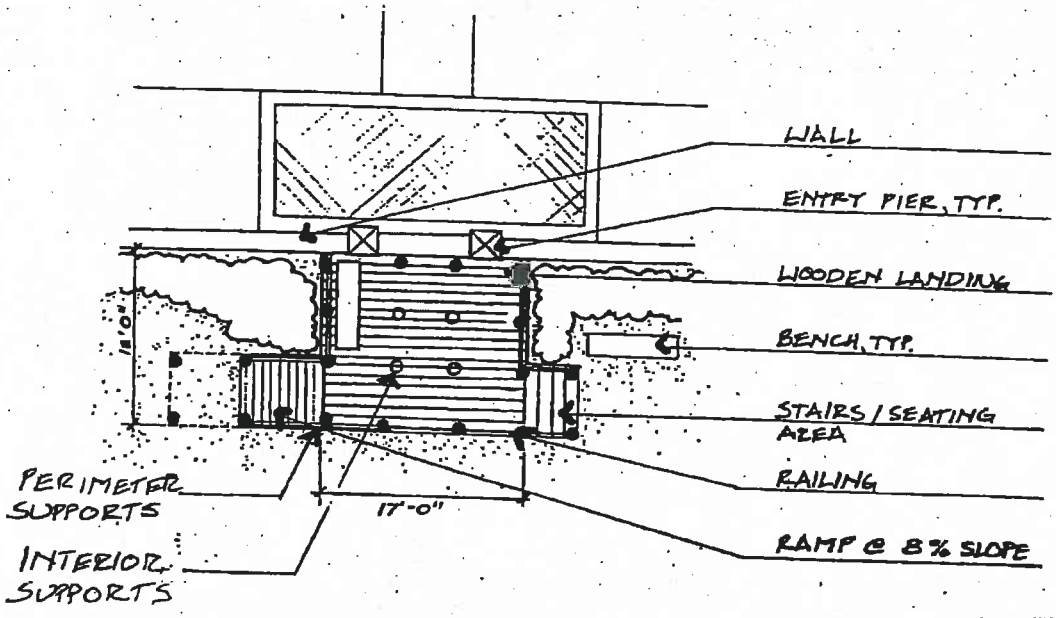
006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

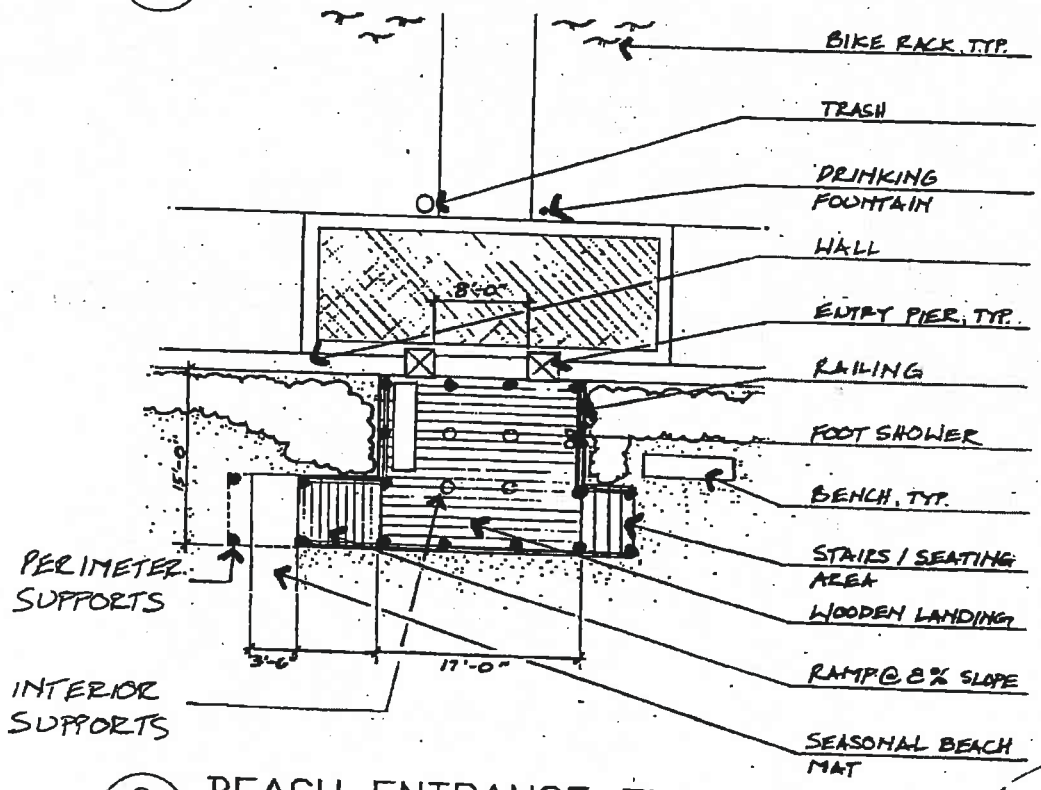
LICENSE PLAN NO. 7386

JUL 21 1998

FEBRUARY 1998
SHEET 15 OF 24



1/16 BEACH ENTRANCE TYPE A



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/16 BEACH ENTRANCE TYPE AC

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

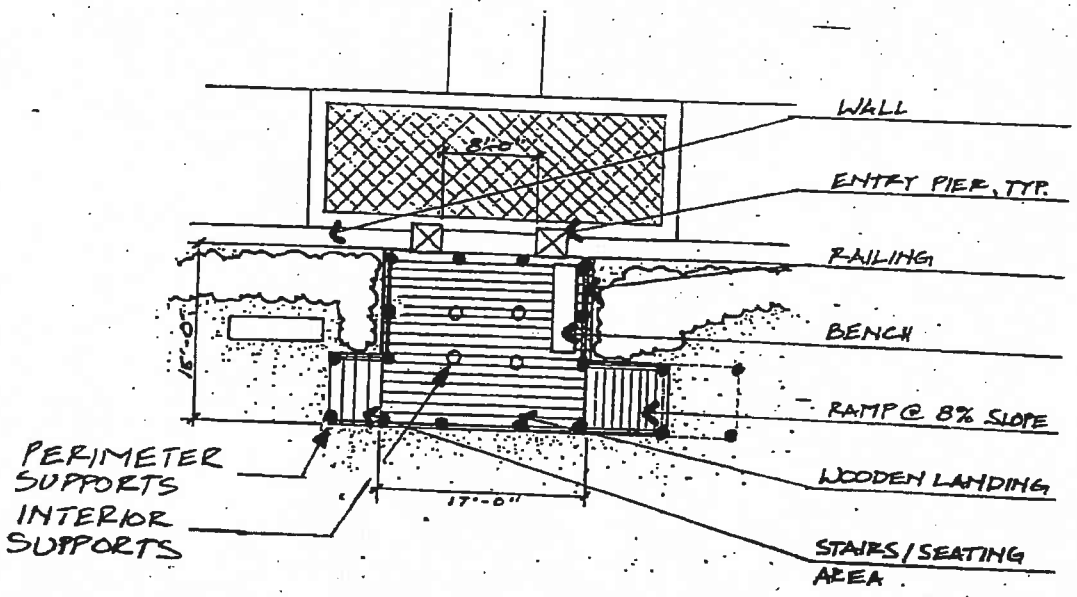
LICENSE PLAN NO. 7386

Reviewed by Department of Environmental Protection

Date: 9/4/2008

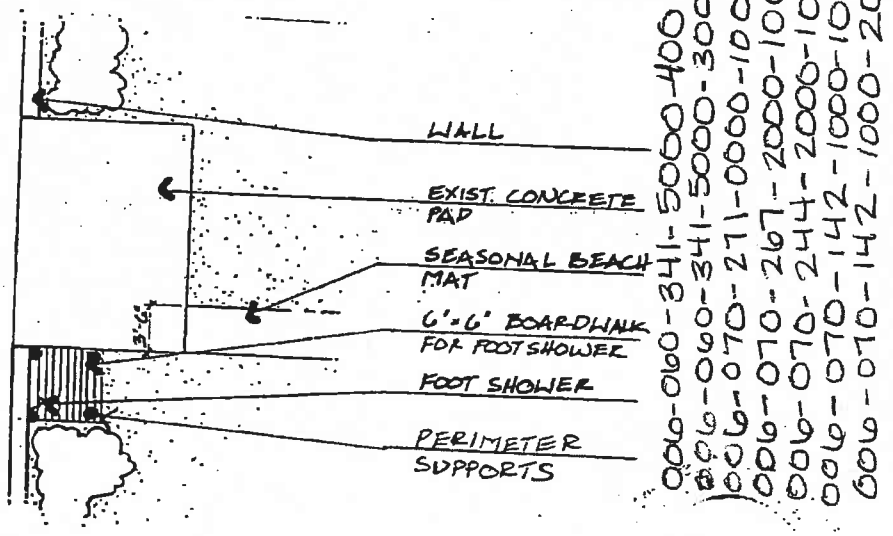
FEBRUARY 1998

SHEET 16 OF 24



1/17 BEACH ENTRANCE TYPE B

ONE @ M-STREET ONLY



2/17 BEACH ENTRANCE TYPE C

ONE @ PLEASURE BAY ONLY

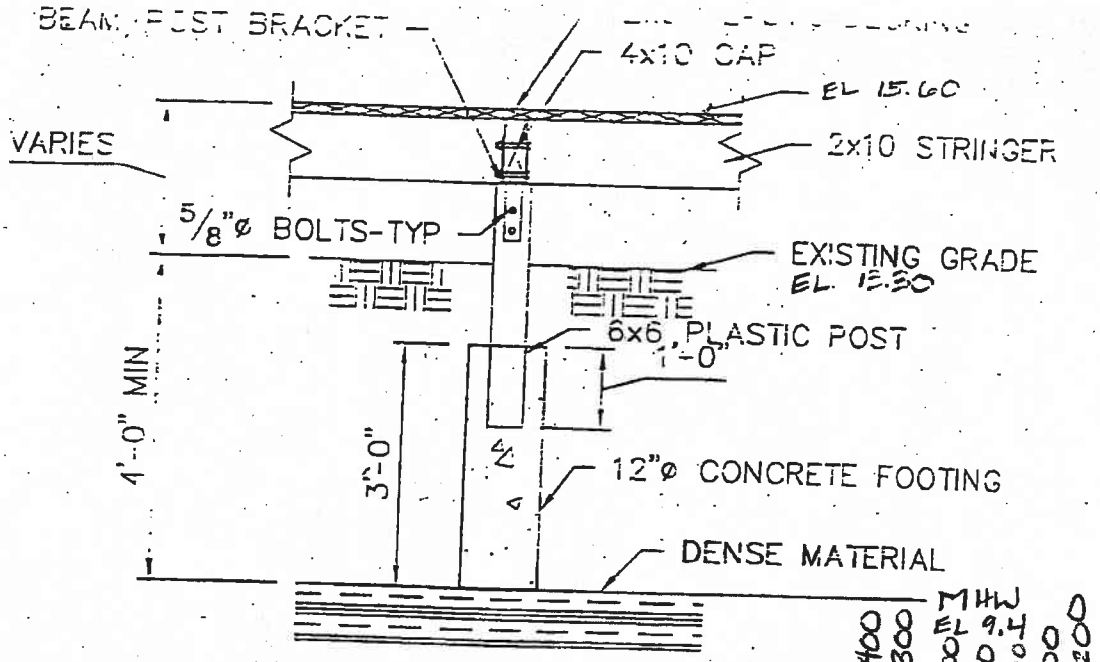
PROPOSED BEACH ENTRANCE CONSTRUCTION
PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

LICENSE PLAN NO. 7386
Bureau of Department of Environmental Protection
DATE: JUL 21 1998

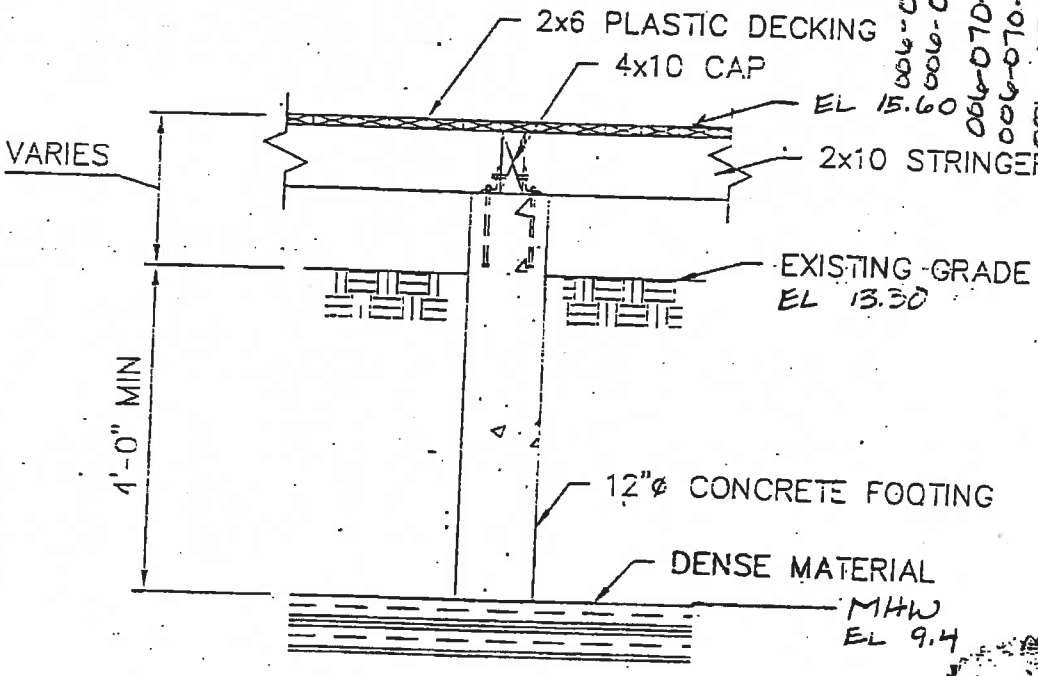
FEBRUARY 1998
SHEET 17 OF 24



NOTE: SUPPORT SHALL BE USED ALONG OUTSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

1/18 BEACH ENTRANCE PERIMETER SUPPORT

006-060-341-5000-100
006-060-341-5000-300
006-070-271-0000-100
006-070-247-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: SUPPORT SHALL BE USED ALONG INSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

2/18 BEACH ENTRANCE INTERIOR SUPPORT

BEACH ENTRANCE DETAILS
PLAN VIEW

SCALE: 1/2"=1'-0"

LICENSE PLAN NO. 7386
Division of Department of Environmental Protection

JOB [illegible] 9 1 1008

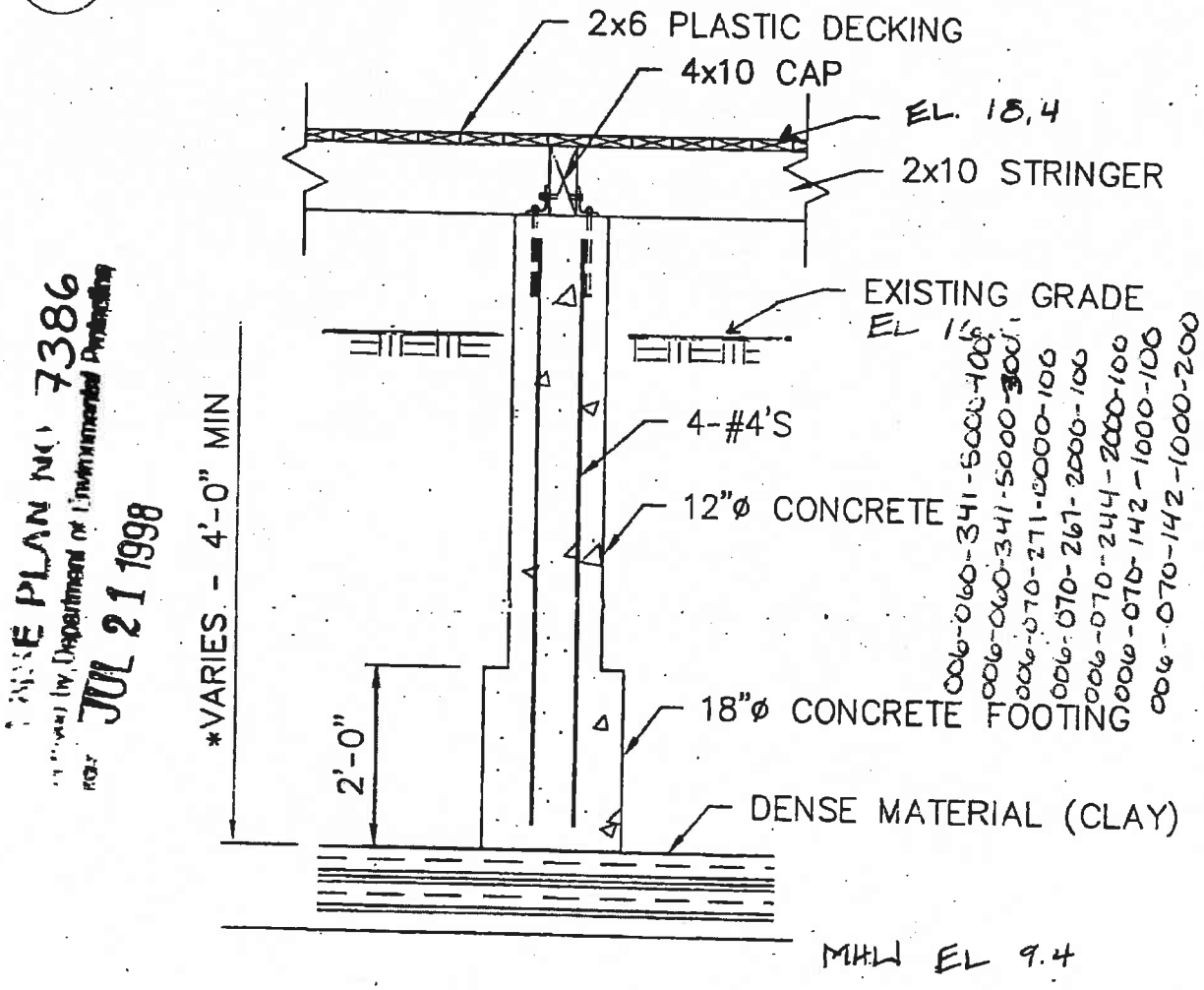
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 18 OF 24

NAME	TYPE	EXIST. GRADE @ WALK	EXIST. GRADE @ BEACH	DIFFERENCE IN ELEV.	RAMP LENGTH* L.F.
CB-1	AC	20.50	19.10	1.40	23.75
CB-2	AC	17.10	15.80	1.30	22.50
CB-3	AC	19.95	17.90	2.05	31.87
MST-1	AC	15.30	14.00	1.30	22.50
MST-2	B	15.60	13.30	2.30	35.00

*RAMP LENGTH INCLUDES THE DISTANCE REQUIRED TO EXTEND 6" BELOW CURRENT BEACH GRADE.

1/19 BEACH ENTRANCE ELEVATION MATRIX



PLAN NO. 7386
JUL 21 1998

*NOTE: DEPTH OF FOOTING VARIES FROM 4' MIN TO 7' MAX

2/19 CARSON BEACH BOARDWALK SUPPORT

SEE SHEET 18 OF 24 FOR PLEASURE BAY BOARDWALK SUPPORTS

PROPOSED CONSTRUCTION DETAILS

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

0 1 2 4
SCALE: 1/2"=1'-0"

FEBRUARY 199
SHEET 15 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/20 SECTION OF 8' WIDE BOARDWALK @ PLEASURE BAY.

PLEASURE BAY
BOARDWALK SECTION VIEW

0 2 4 6

100 YR. FLOOD +9.
MHW −9.
MSL +4.
MLW −0.

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 99

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

SECTION OF 10' WIDE BOARDWALK

1/21

BOARDWALK SECTION VIEW

0 2 4 6

SCALE: 3/8"=1'-0"

LICENSE PLAN NO. 7386

Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
JUL 21 1998

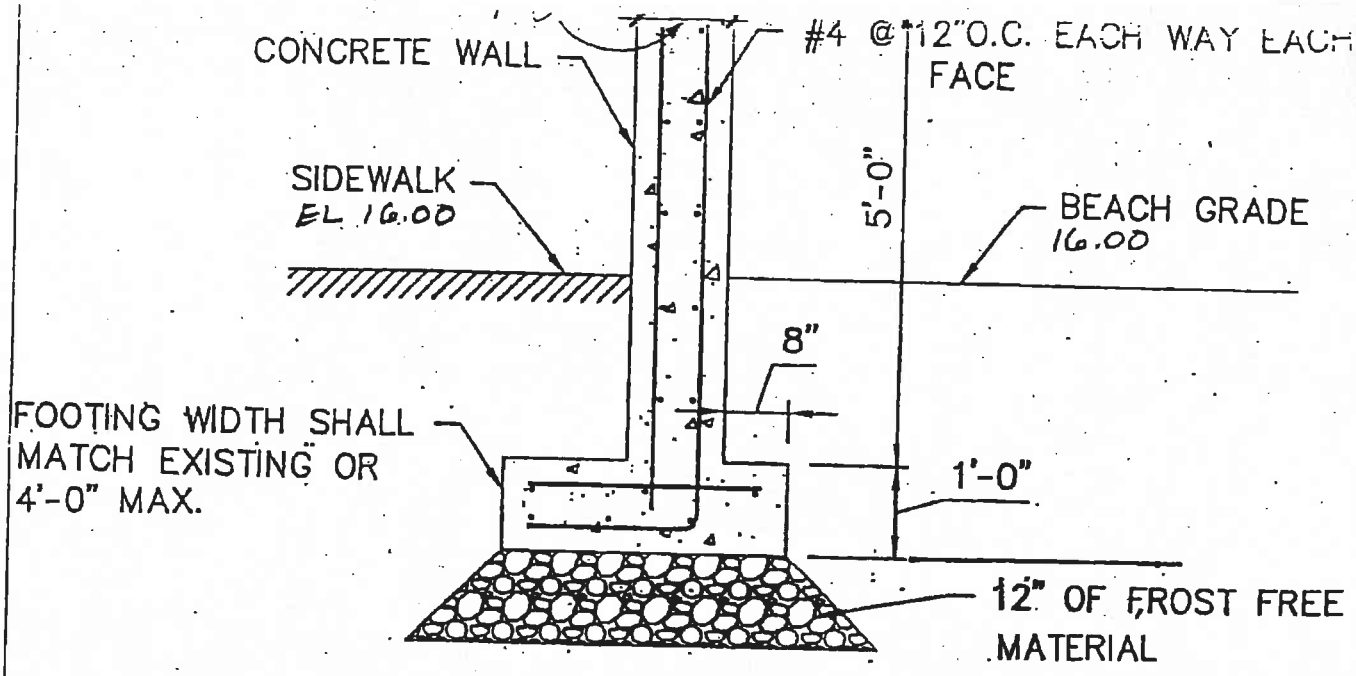
1/22 SECTION OF 8' WIDE BOARDWALK

BOARDWALK SECTION VIEW

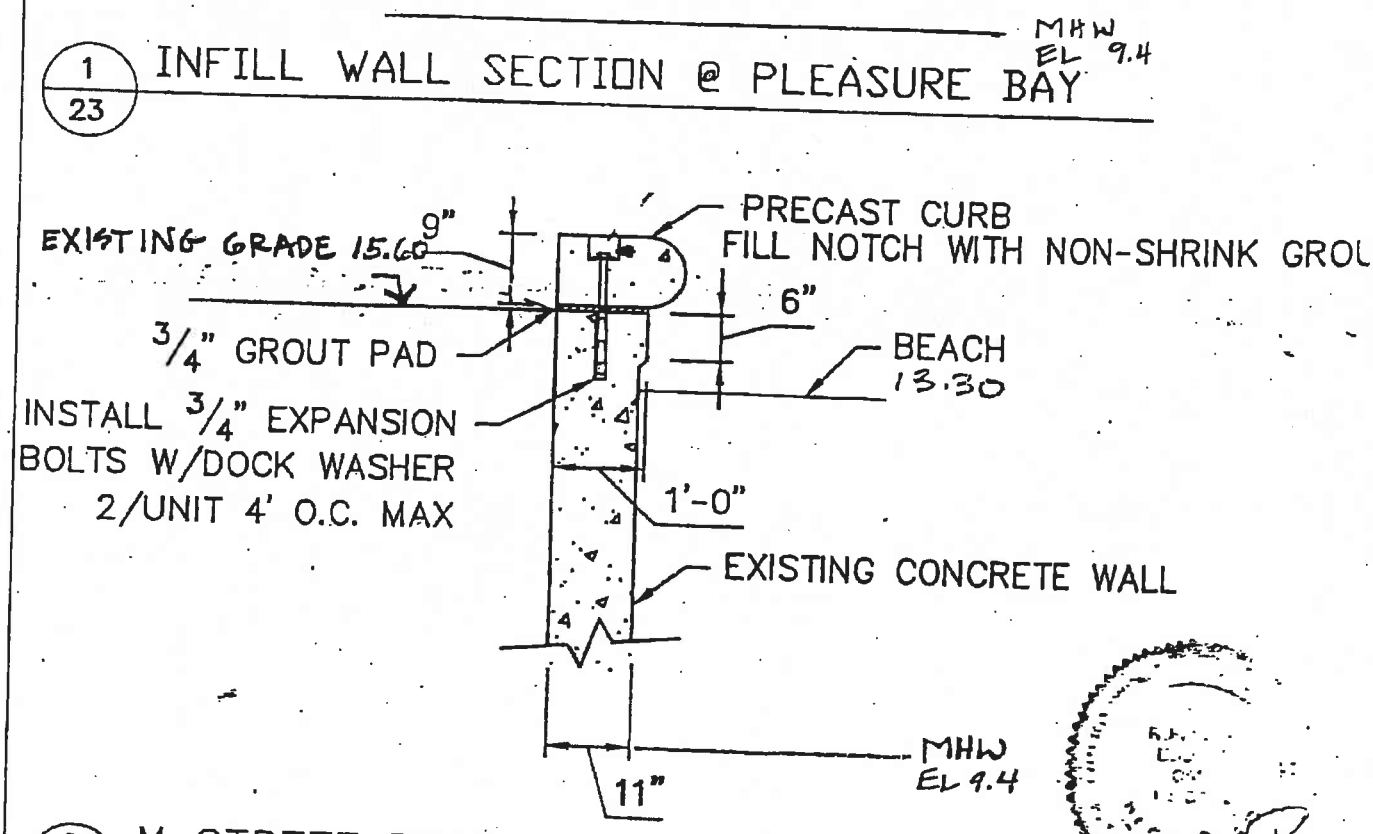
0 2 4 6
SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 22 OF 2



1/23 INFILL WALL SECTION @ PLEASURE BAY



2/23 M-STREET BEACH WALL CAP

PLEASURE BAY & M-STREET BEACHES - WALL DETAILS

100 YR. FLOOD	+19.8
MHW	+9.4
MSL	+4.5
MLW	+0.0

0 1 2 4

SCALE: 1/2"=1'-0"

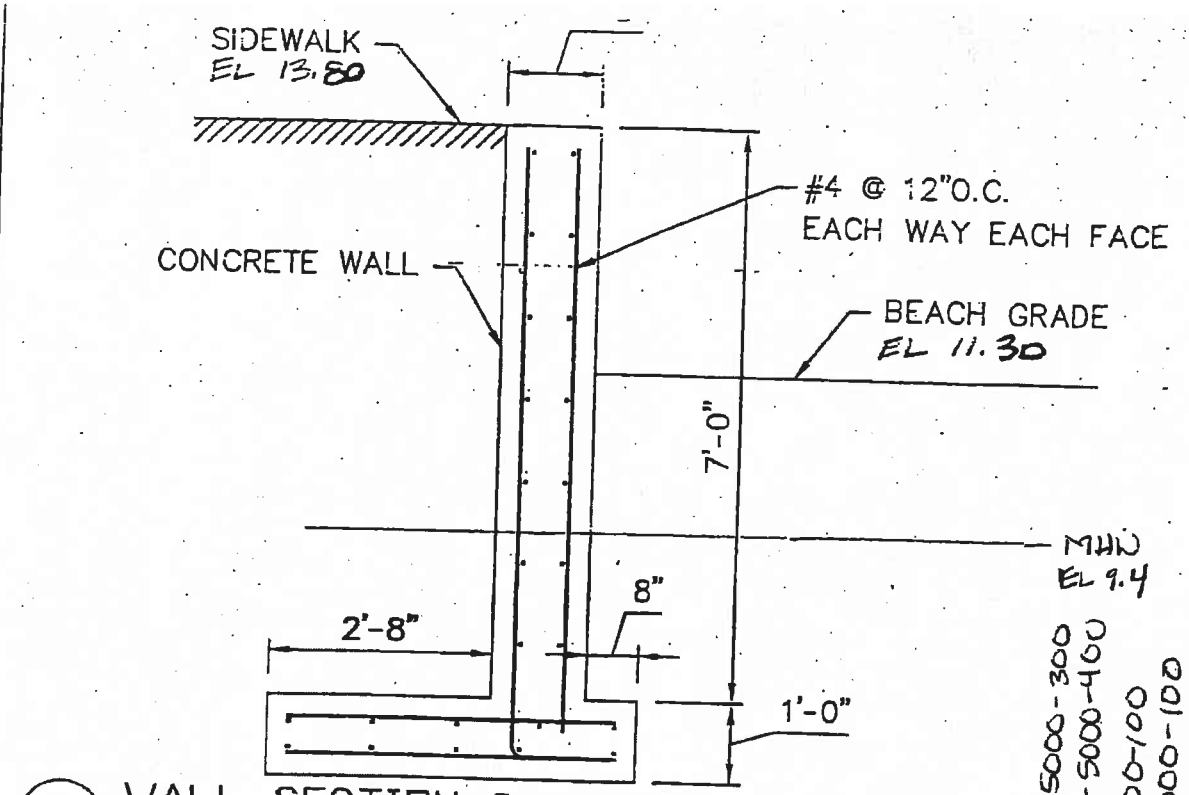
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

DEP - PLAN # 4 4006

FEBRUARY 1998

SHEET 23 OF 24



1/24 WALL SECTION @ CAUSEWAY/ PENALTY BOX PLEASURE BAY

006-060-341-5000-300
006-060-341-5000-400
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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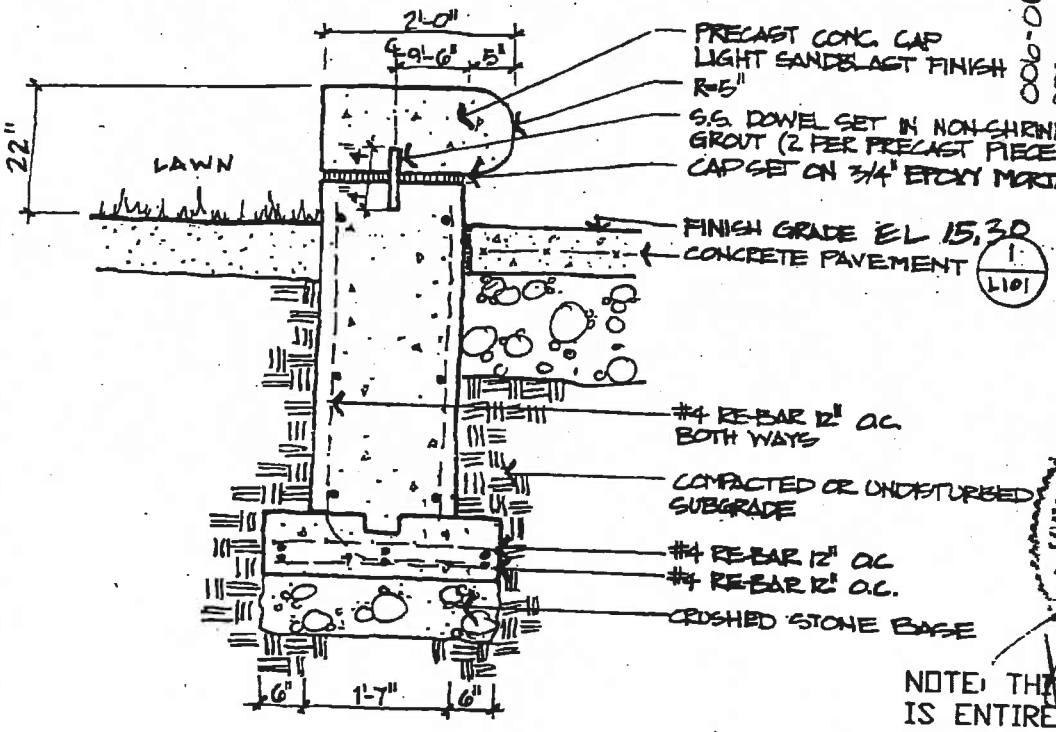
006-070-142-1000-200



NOTE: THIS WALL IS ENTIRELY OUTSIDE OF BEACH RESOURCE AREA & IS WELL ABOVE HTL.

2/24 M-STREET BEACH CONC. SEATWALL

PLEASURE BAY & M-STREET BEACHES- WALL DETAILS

100 YR. FLOOD	+13.8
MHW	+5.4
MSL	+4.8
MLW	+3.0

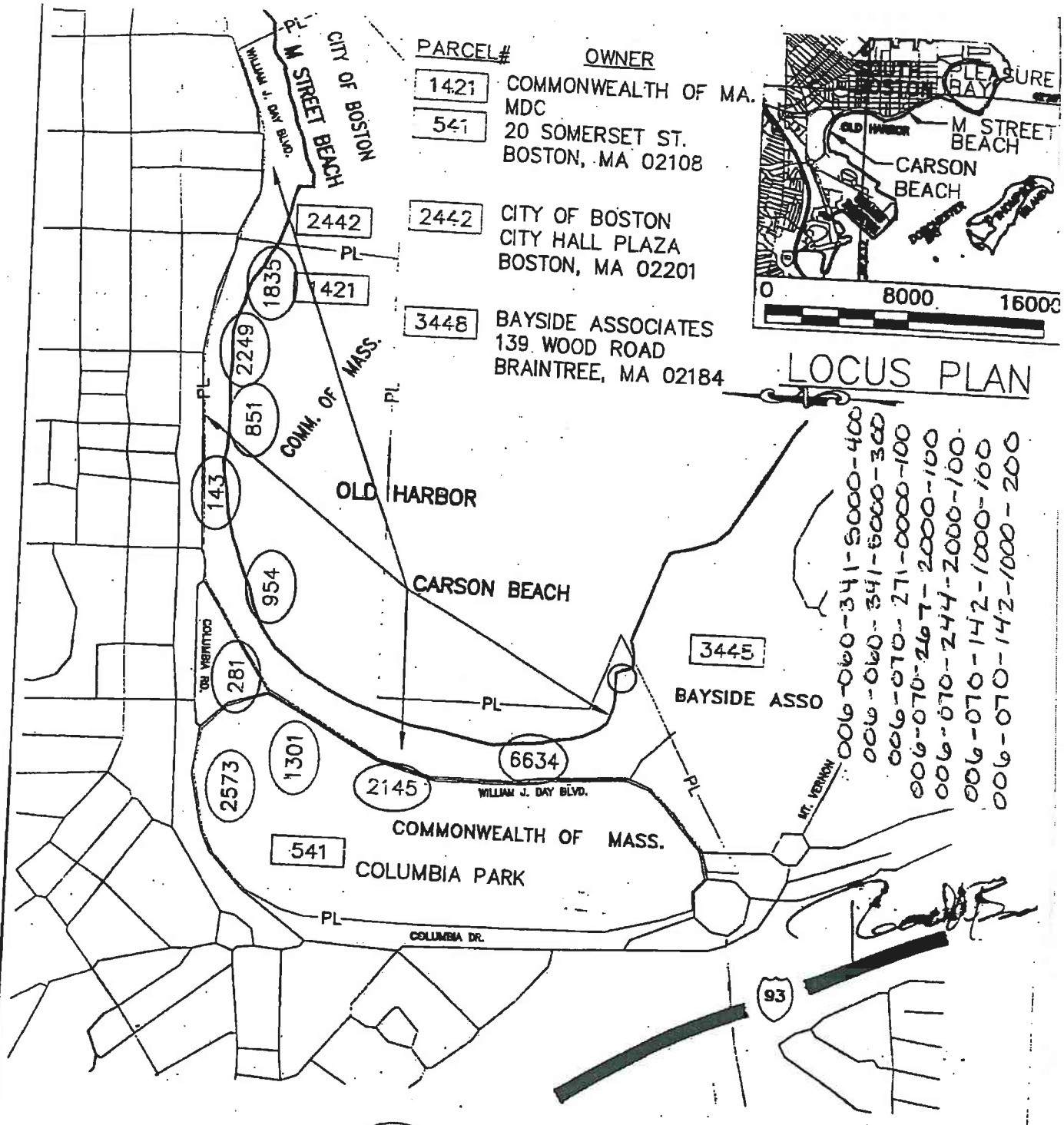
0 1 2 4
SCALE: 1 1/2"=1'-0"

LICENSE PLAN NO. 7386

Department of Environmental Protection

FEB 04 1998

FEBRUARY 1998
SHEET 24 OF 24



2145 PREVIOUS CH. 91 LICENSES

OVERALL PLAN

0 800 1600

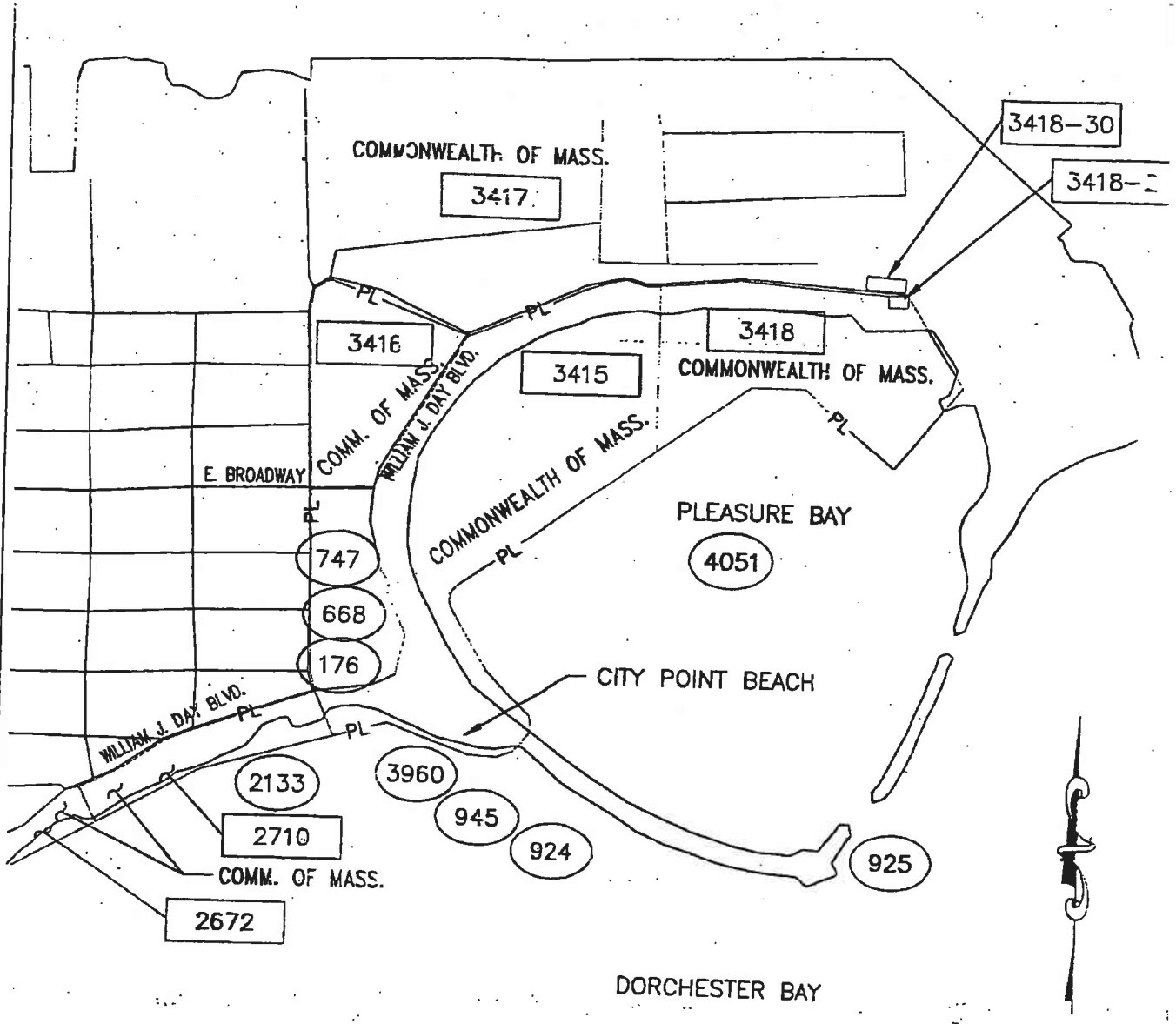
SCALE: 1" = 800'-0"

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 1A OF 24

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN PUBLIC ACCESS FACILITIES INCLUDING BOARDWALKS & BEACH ENTRANCES & RECONSTRUCT SIDEWALKS, SITE WALLS & PARKING LOTS.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Massachusetts
JUL 21 1998
FOR JAMES SPRAGUE



PARCEL #	
2672	2710
3415	3416
3417	3418
3418-2	3418-30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 7386

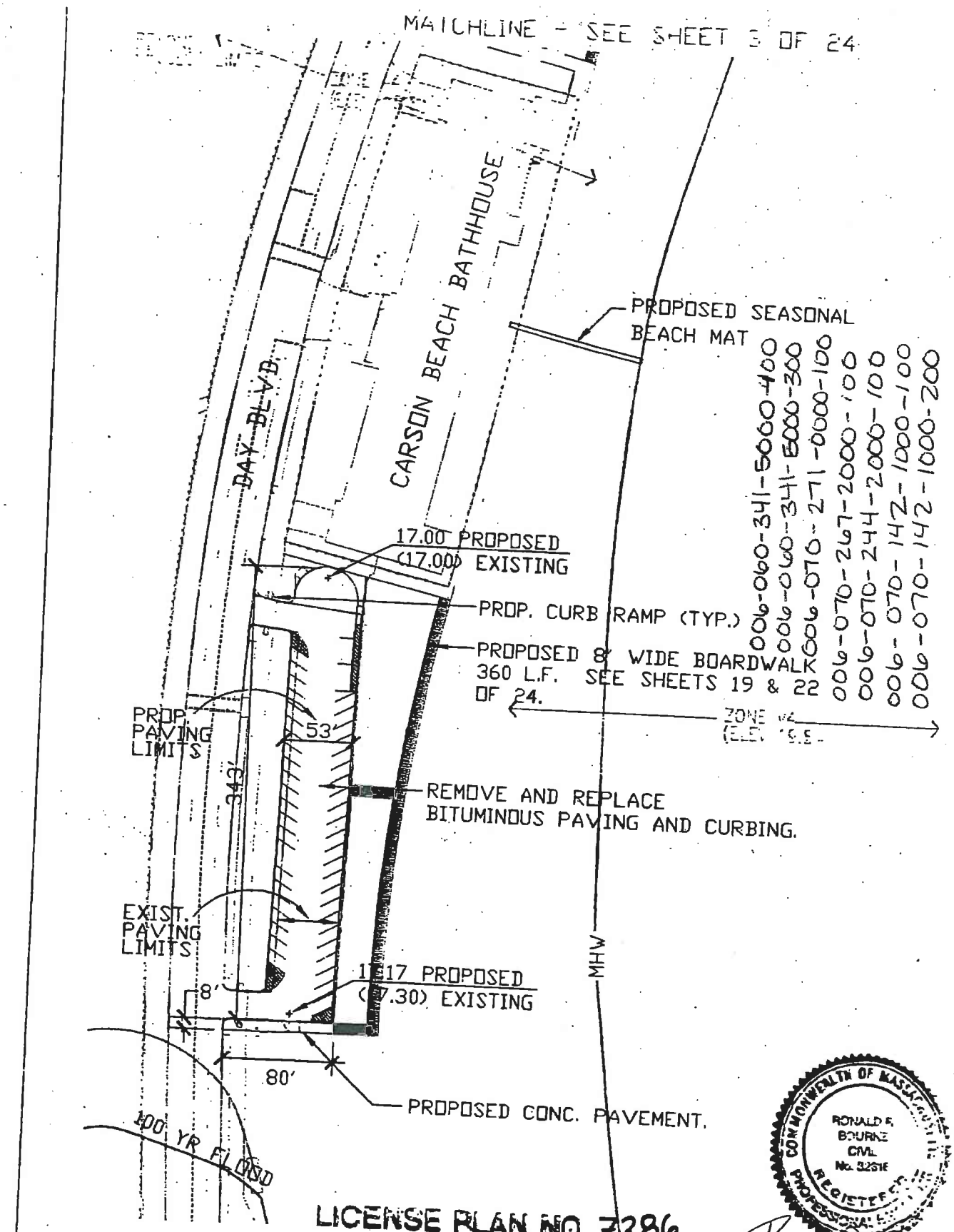
Approved by Department of Environmental Protection

Date JUL 21 1998

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998

SHEET 1B OF 2



LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: JUL 21 1998

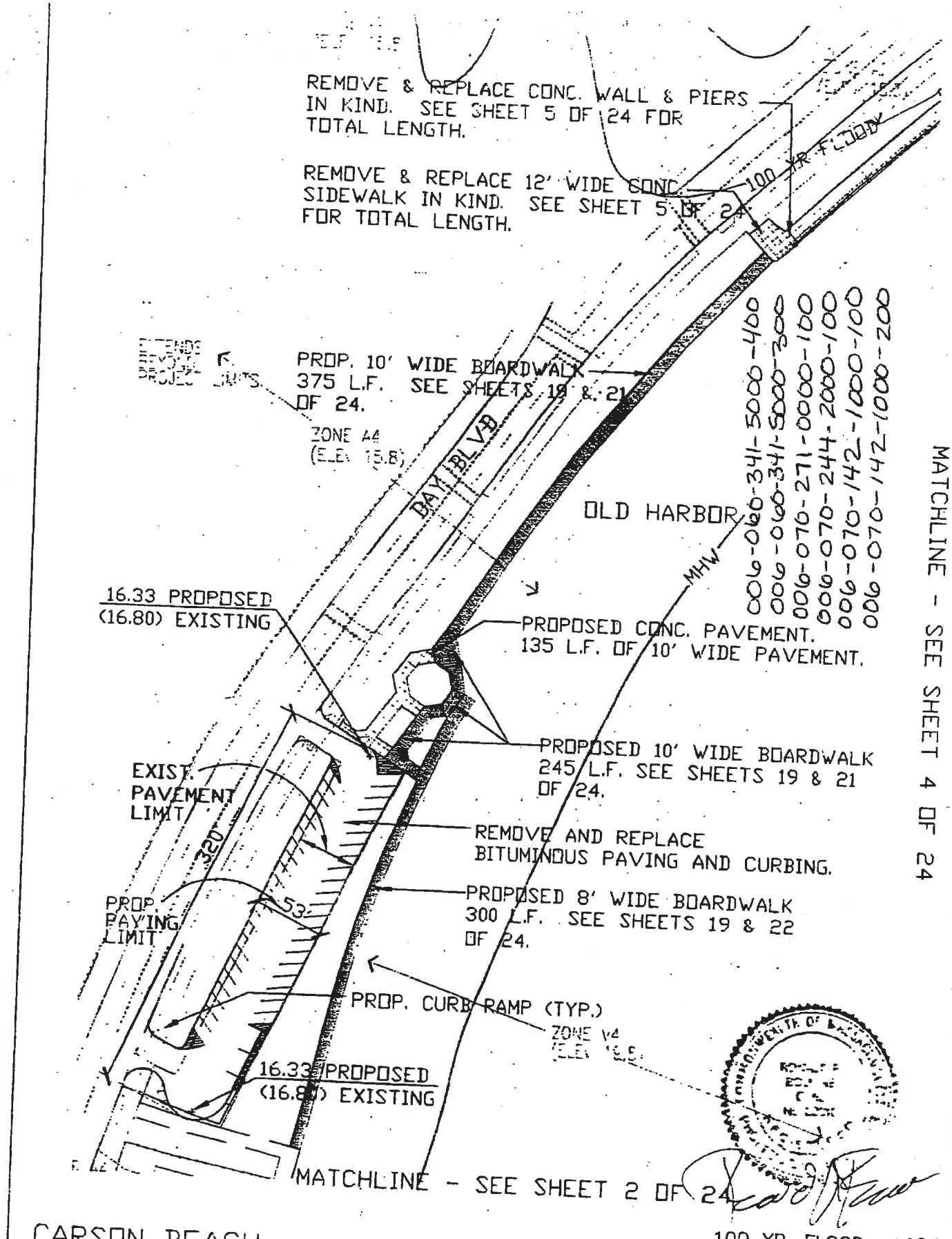
RONALD F. BOURKE
CIVIL
No. 32516
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

100 YR. FLOOD +19.
MHW +9
MSL +4
MLW +0

FEBRUARY 199



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE

LICENSE PLAN NO. 7386

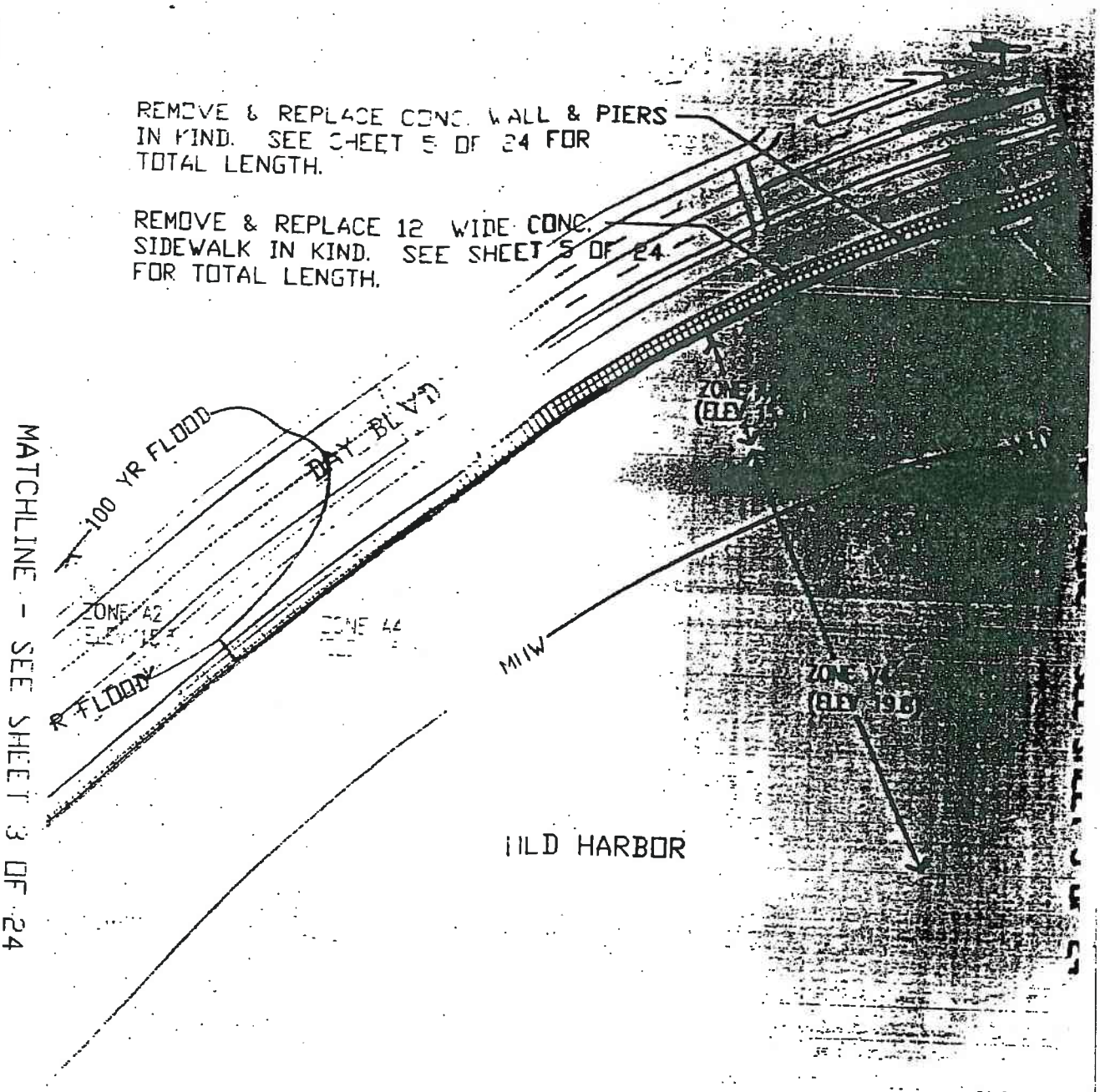
APPROVED by Department of Environmental Protection

Date: JUL 21 1998

100 YR. FLOOD	+19.8
MHW	+9.
MSL	+4.
MLW	+0.

FEBRUARY 1998

SHEET 3 OF 24



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

COMMONWEALTH OF MASSACHUSETTS
RONALD A. BOURNE
No. 32918
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION PLAN VIEW

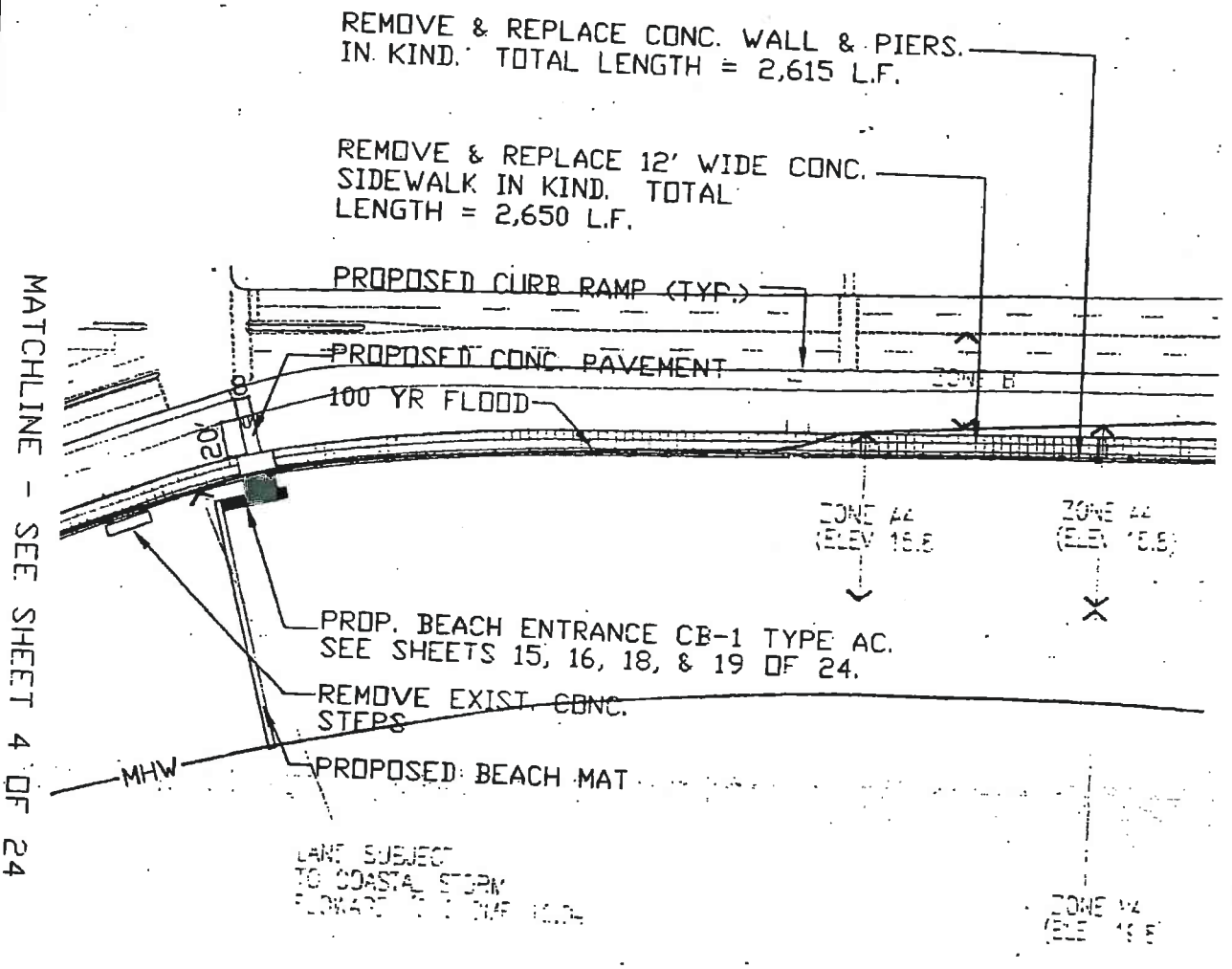
0 100 200

100 YR. FLOOD +19
MHW +
MSL +
MLW +

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 19
SHEET 4 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 4 OF 24

MATCHLINE - SEE SHEET 6 OF 24

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

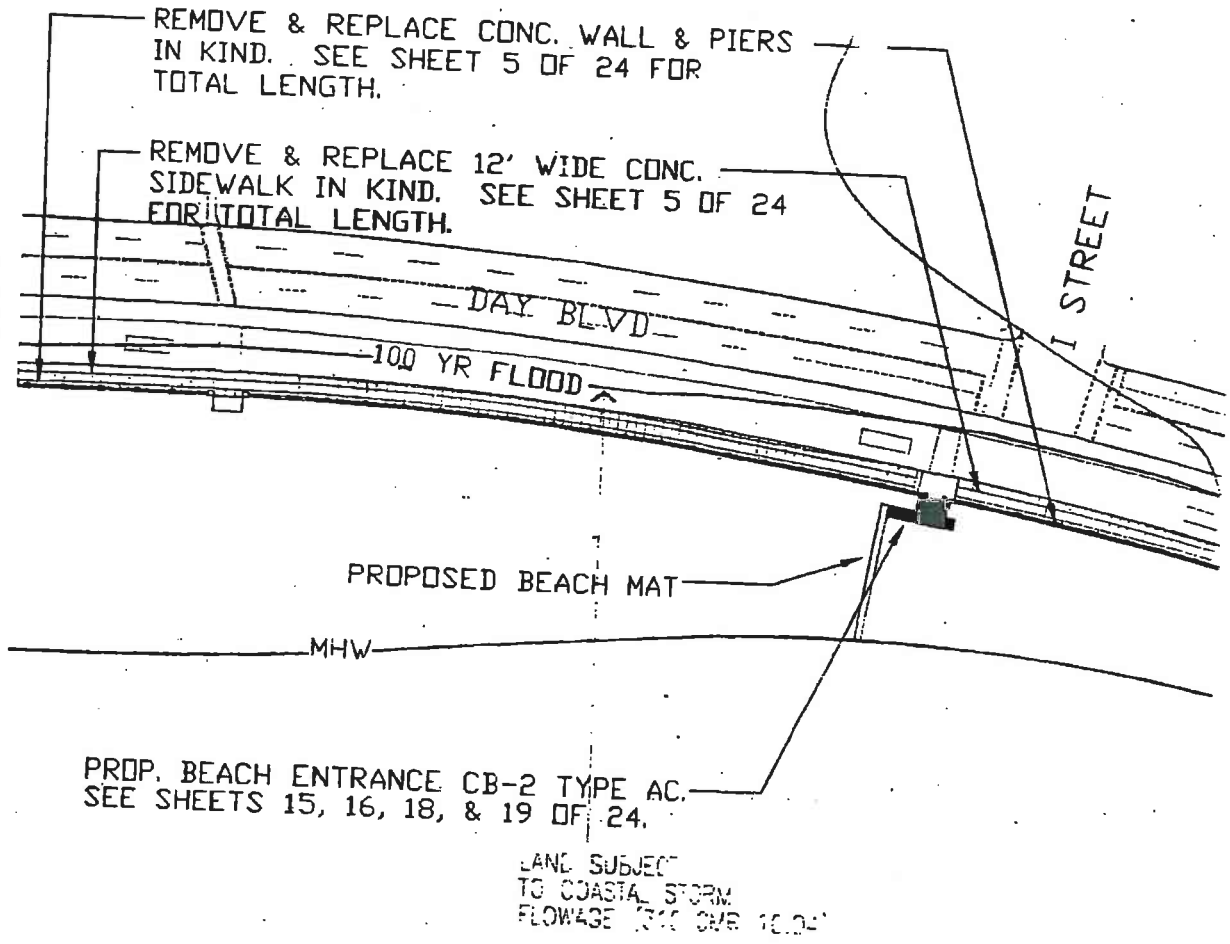
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 1998

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

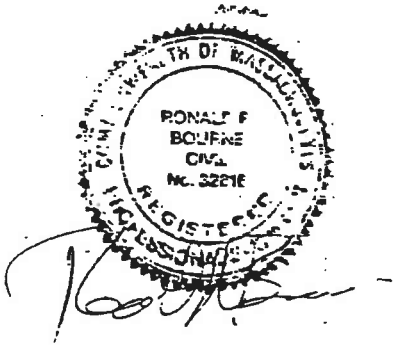
ZONE B



MATCHLINE - SEE SHEET 5 OF 24

MATCHLINE - SEE SHEET 7 OF 24

OLD HARBOR



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100-0"

LICENSE PLAN NO 7386

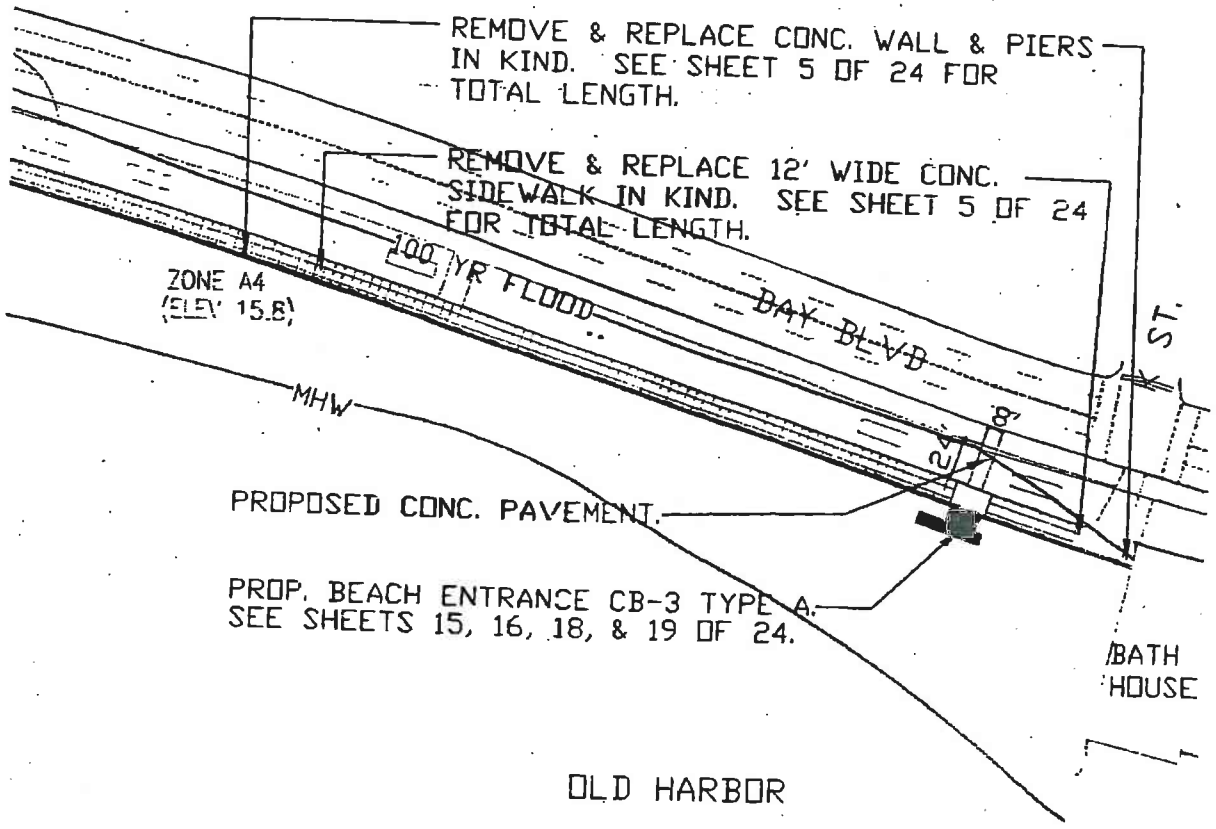
Approved by Department of Environmental Protection

Date: OCT 9 1998

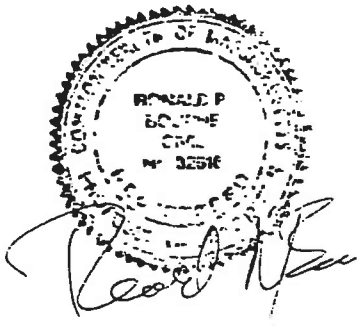
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 6 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 6 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100-0"

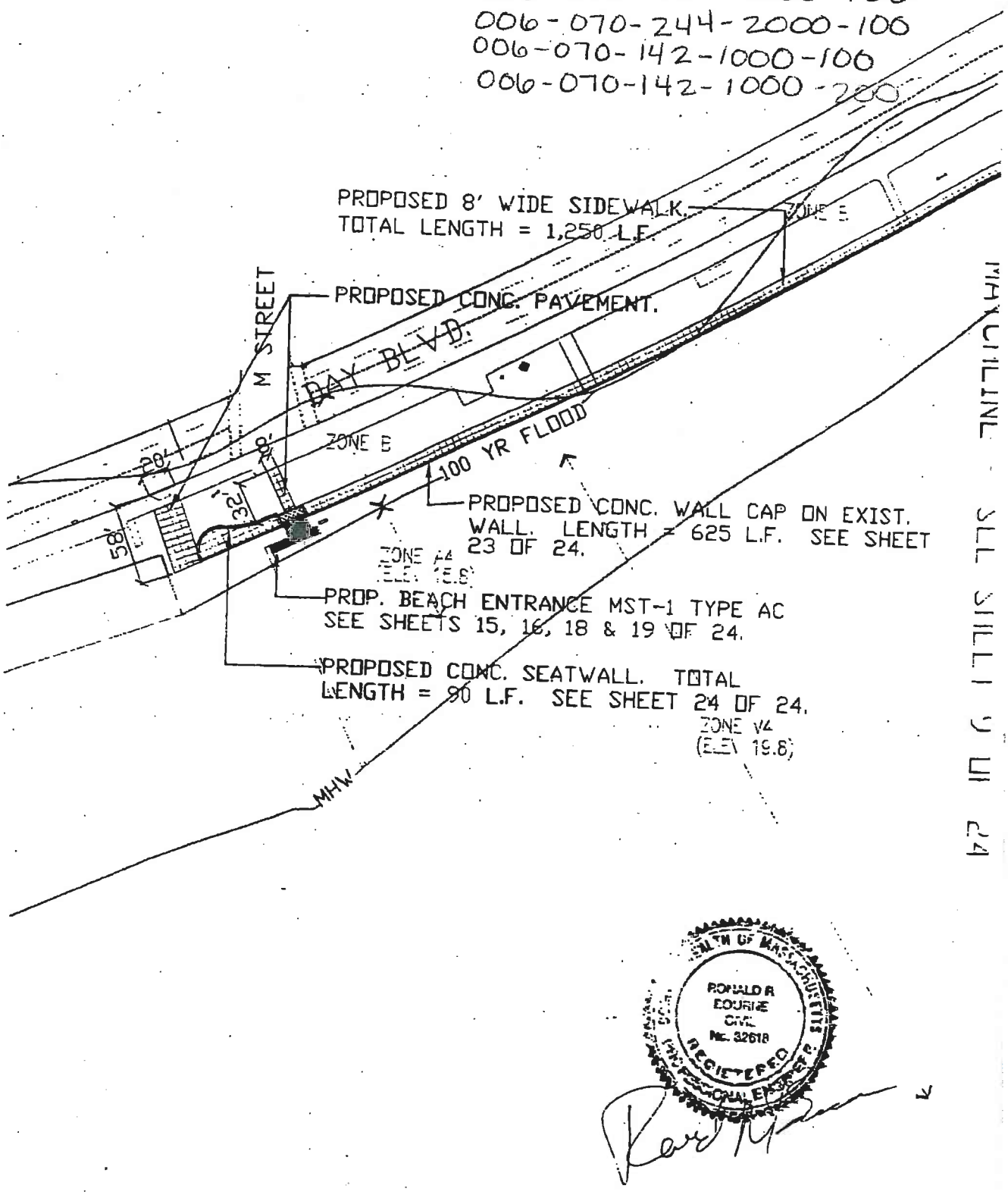
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 7 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



COMMONWEALTH OF MASSACHUSETTS
RONALD R EOURNE
CIVIL
No. 32618
REGISTERED PROFESSIONAL ENGINEER

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

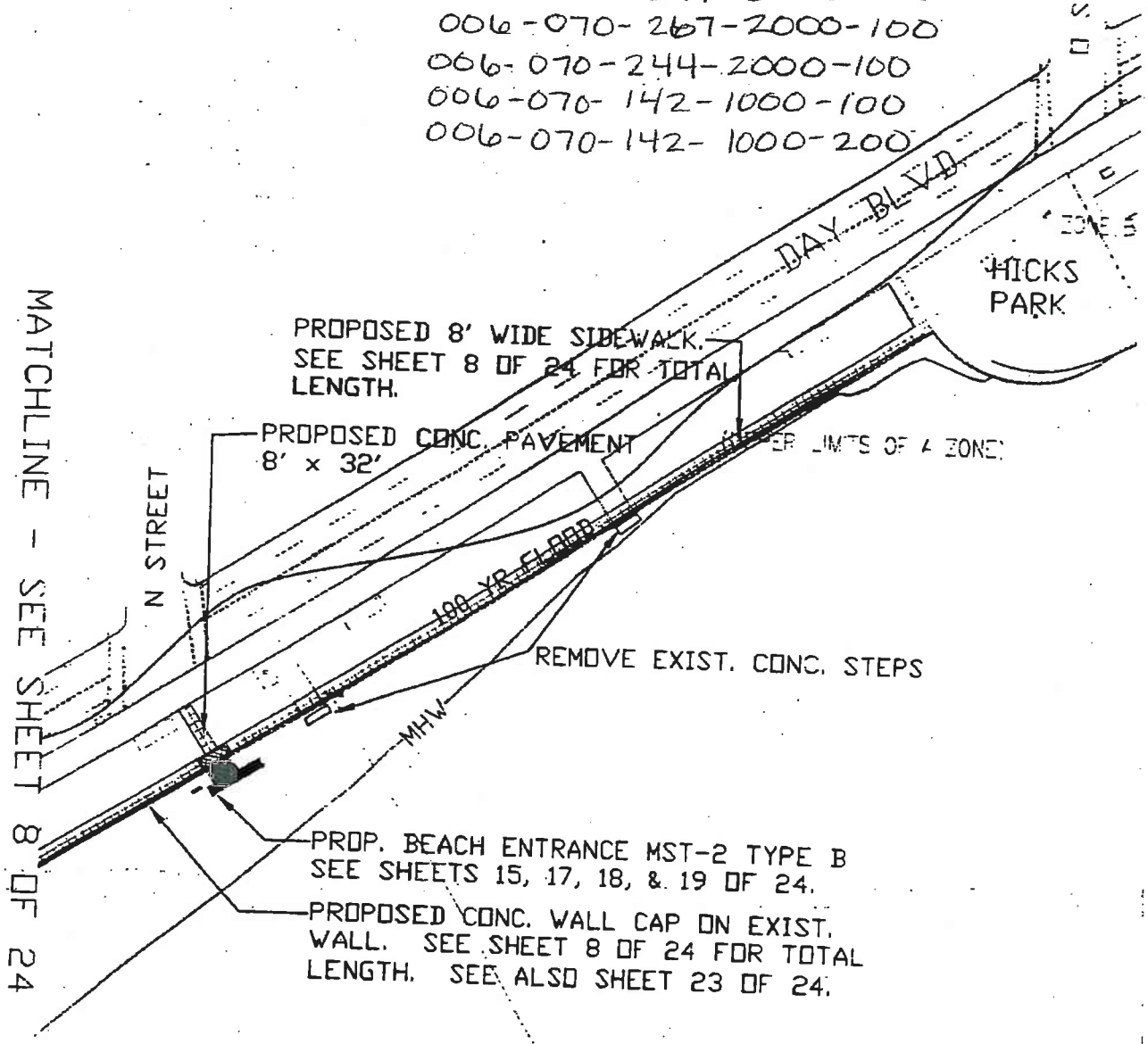
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19.3
MHW +9.2
MSL +4.3
MLW +0.2

FEBRUARY 1995
SHEET 5 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

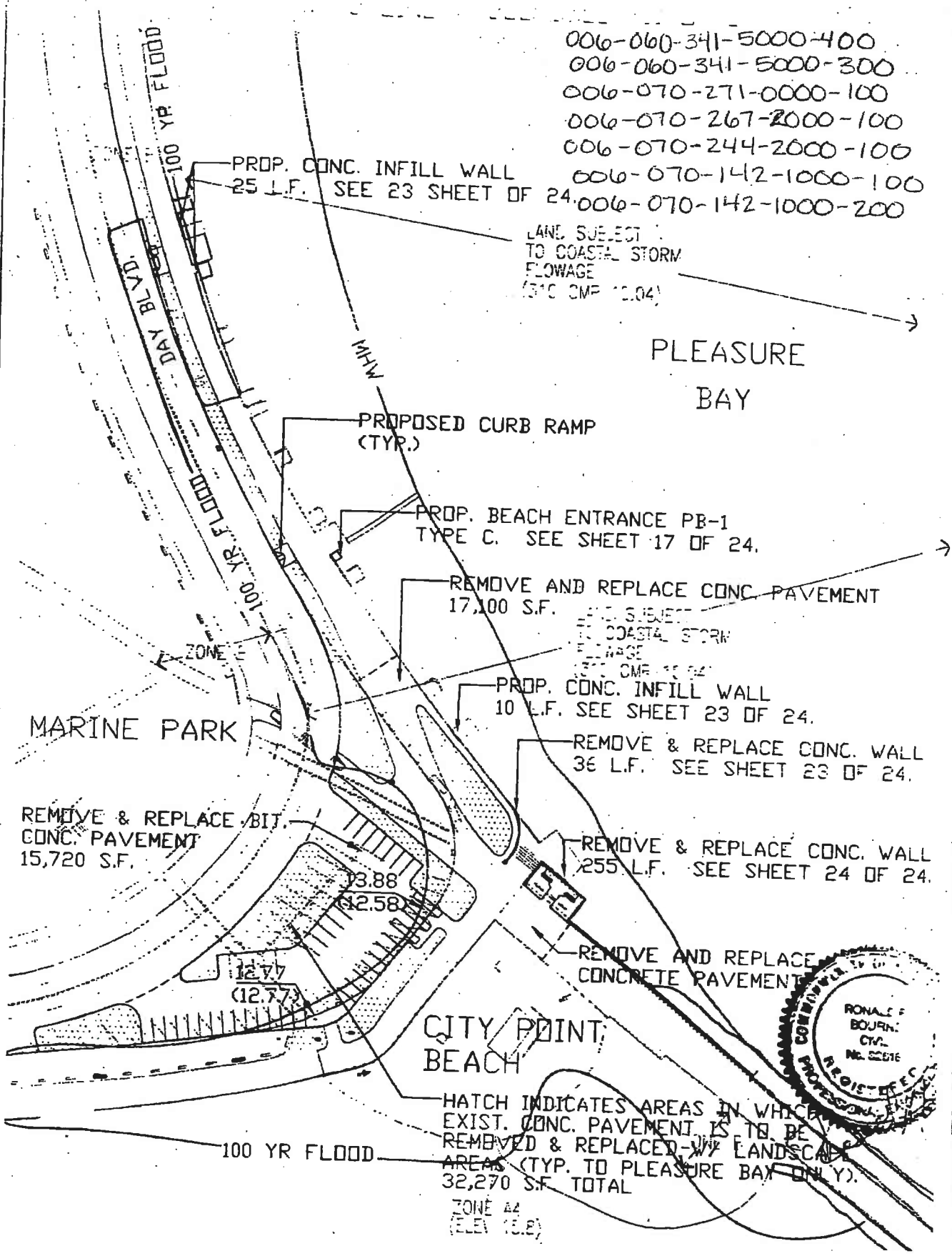
M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

Department of Environmental Protection
MAY 21 1999

FEBRUARY 199
SHEET 9 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE 1"=100-0"

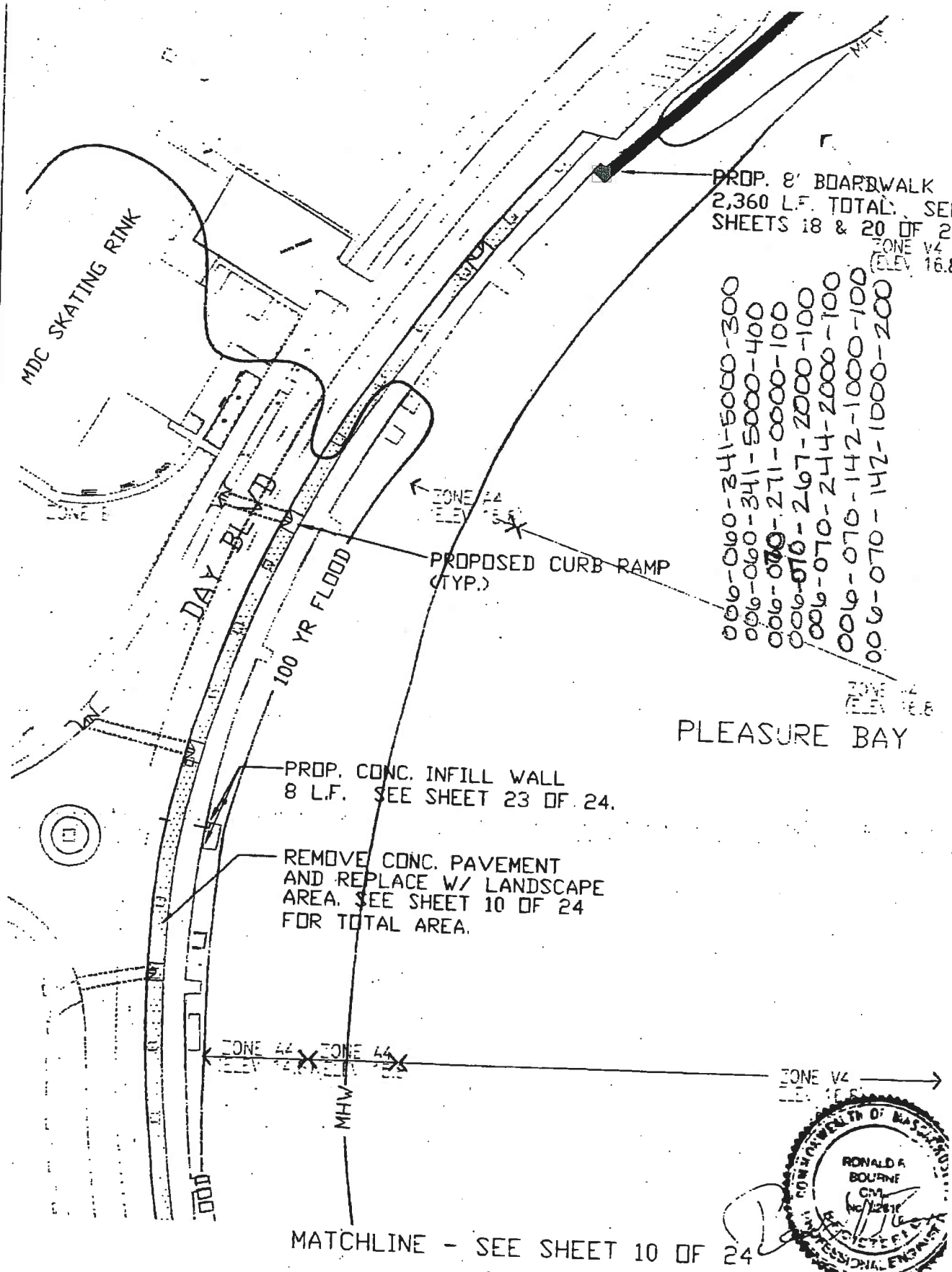
LICENSE PLAN NO. 7386

Department of Environmental Protection

DEC 11 1998

100 YR. FLOOD	+19
MHW	+9
MSL	+4
MLW	+0

FEBRUARY 1998
SHEET 10 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

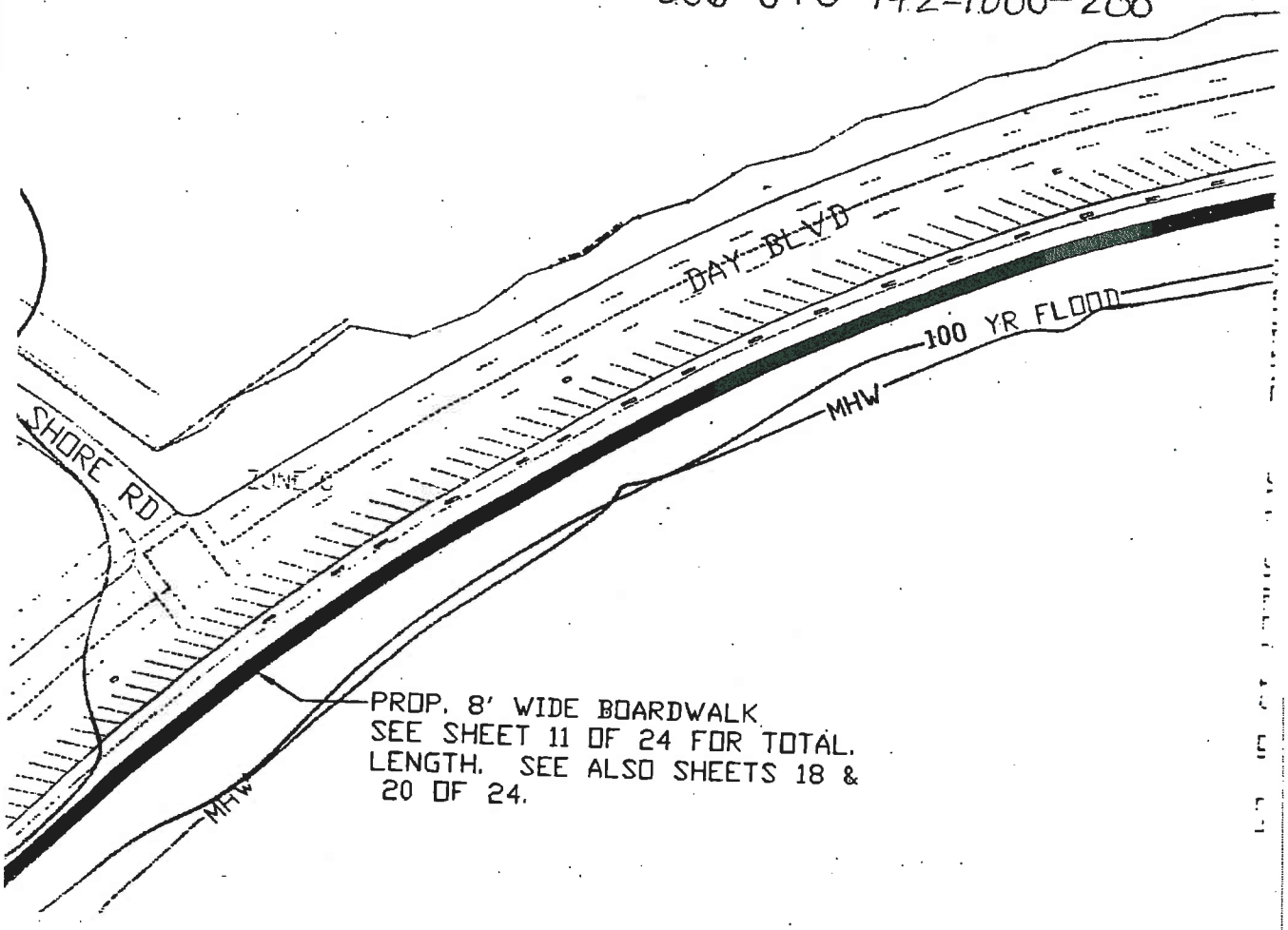
Approved by Department of Environmental Protection

Date: 9/4/1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 11 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



PROP. 8' WIDE BOARDWALK
SEE SHEET 11 OF 24 FOR TOTAL LENGTH. SEE ALSO SHEETS 18 & 20 OF 24.

MATCHLINE - SEE SHEET 11 OF 24

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

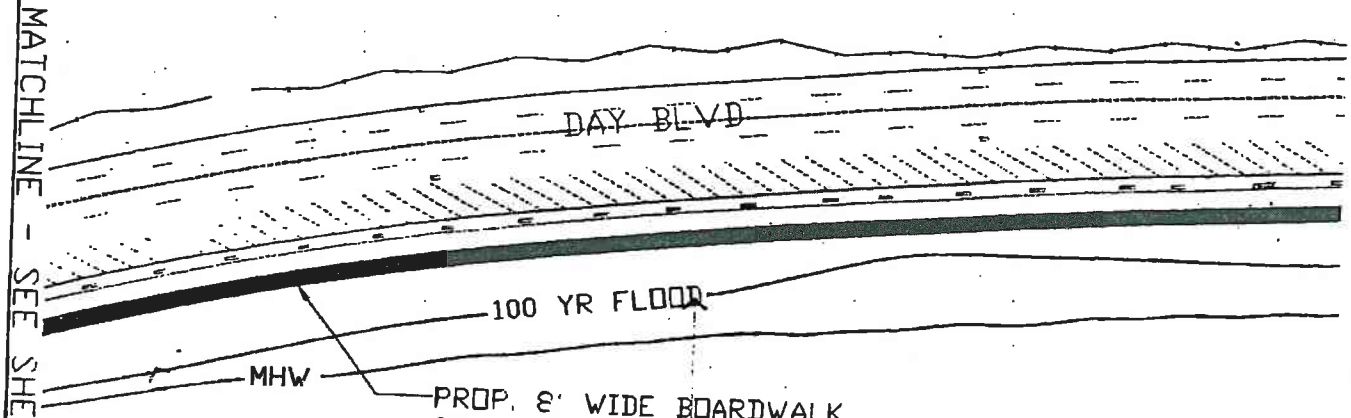
EDGE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 12 OF 2-

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

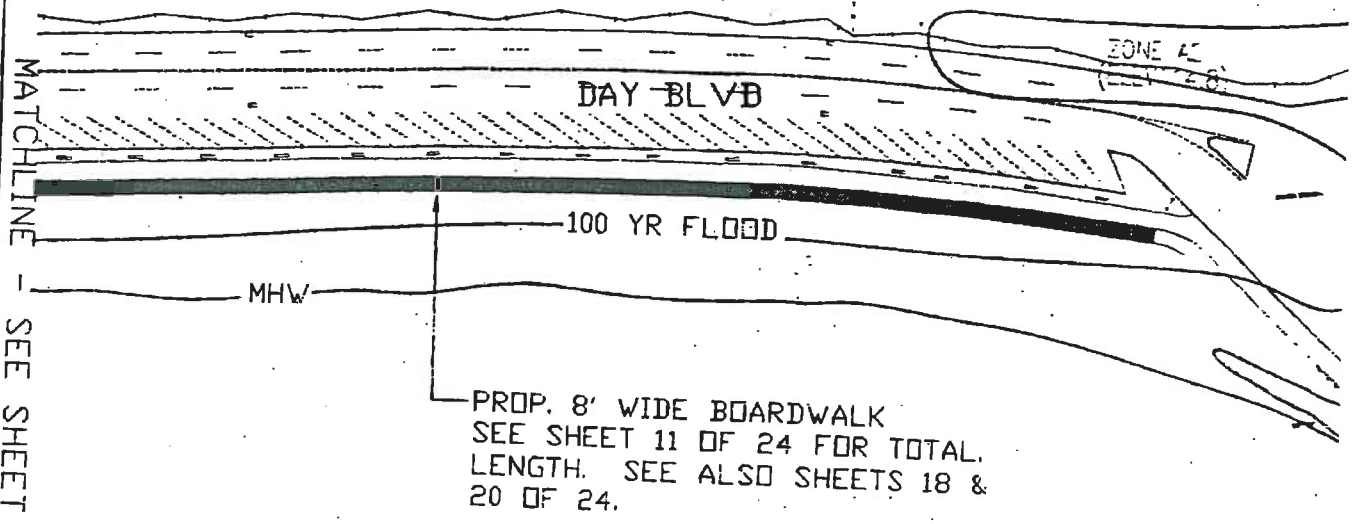
0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 13 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



COMMONWEALTH OF MASSACHUSETTS
RONALD P. BOURNE
CIVIL
REGISTERED

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
JUN 24 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 14 OF 2

1/15 SECTION OF BEACH ENTRANCE

SECTION SHOWN IS OF THE BEACH ENTRANCE AT LOWEST ELEVATION (CLOSEST TO MHW)

NOTE: ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE NOTED.

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

BEACH ENTRANCE - SECTION VIEW

0 4 8

SCALE: 1/4"=1'-0"

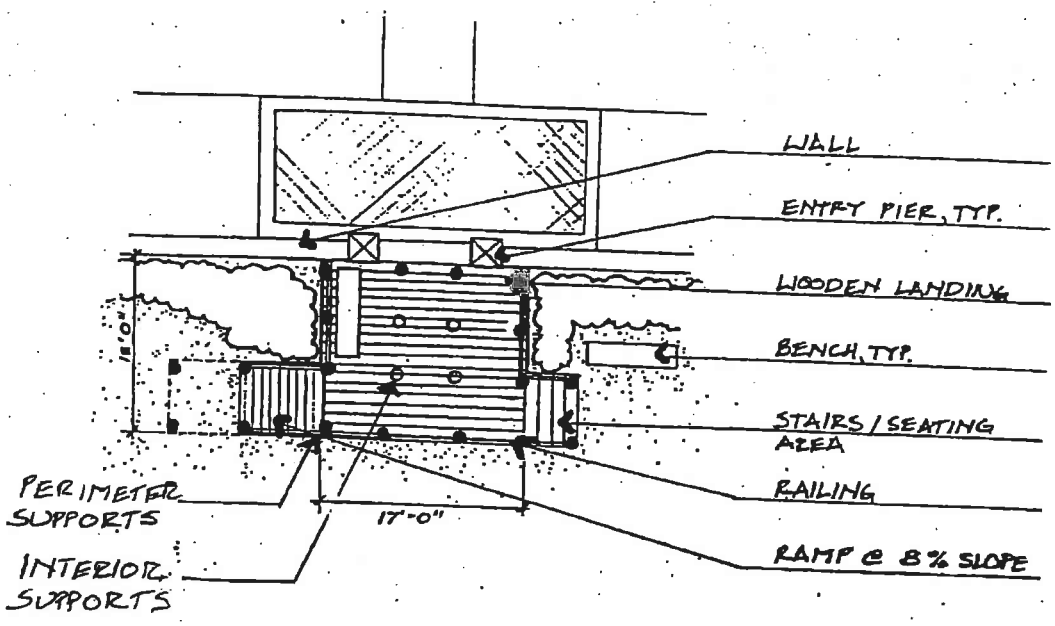
LICENSE PLAN NO 7386

Approved: Department of Environmental Protection

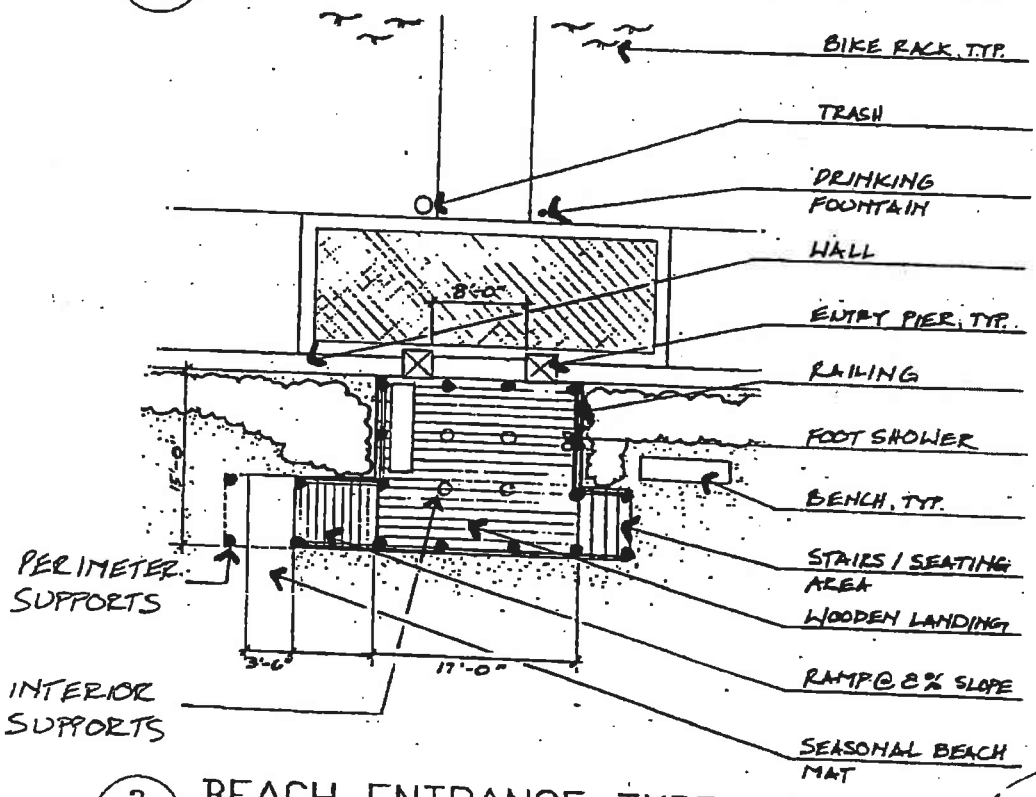
Date: JUL 21 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 15 OF 24



1/16 BEACH ENTRANCE TYPE A



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/16 BEACH ENTRANCE TYPE AC

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

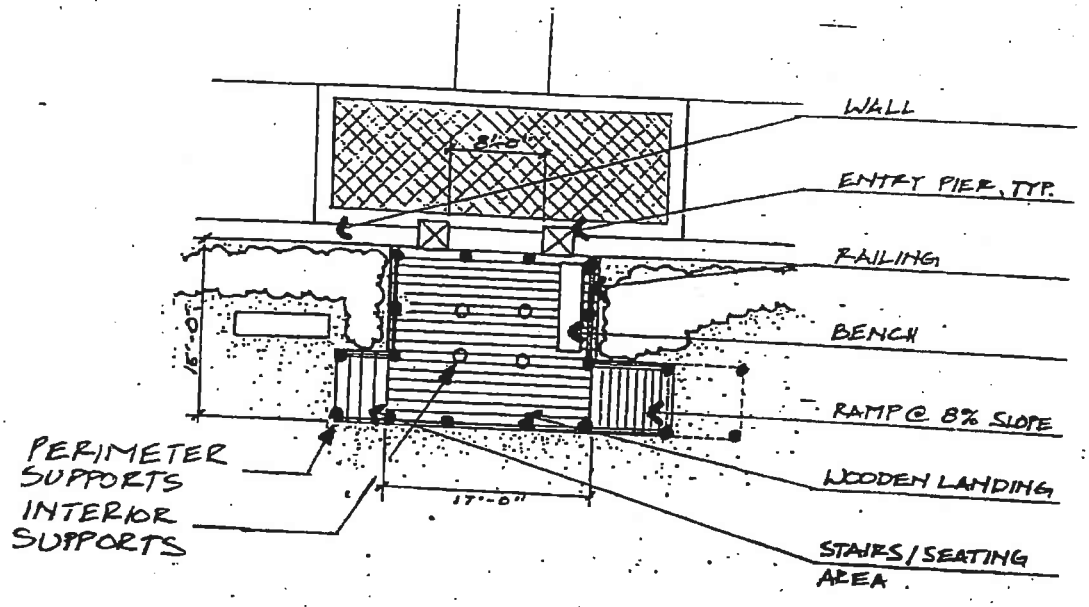
LICENSE PLAN NO. 7386

Reviewed by Department of Environmental Protection

Date: MAR 9 4 2000

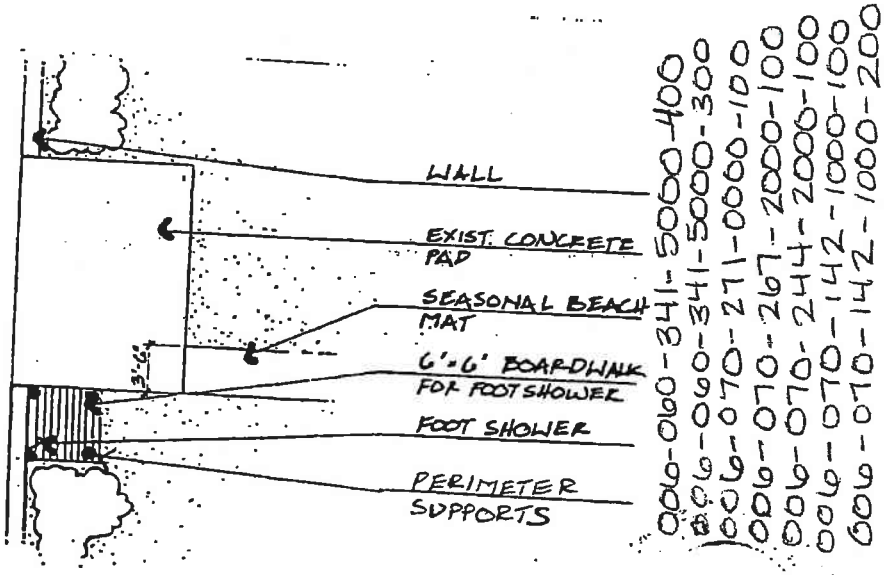
FEBRUARY 199

SHEET 16 OF



1/17 BEACH ENTRANCE TYPE B

ONE @ M-STREET ONLY



2/17 BEACH ENTRANCE TYPE C

ONE @ PLEASURE BAY ONLY

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

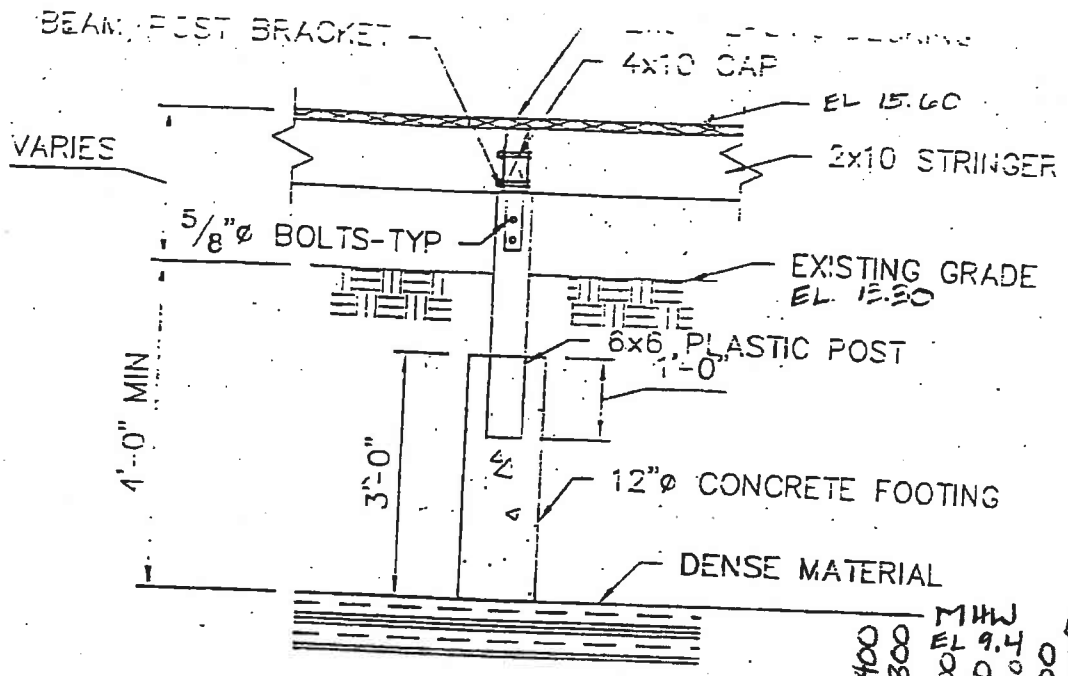
LICENSE PLAN NO. 7386

Commonwealth of Massachusetts Department of Environmental Protection

DATE: JUL 21 1998

FEBRUARY 1998

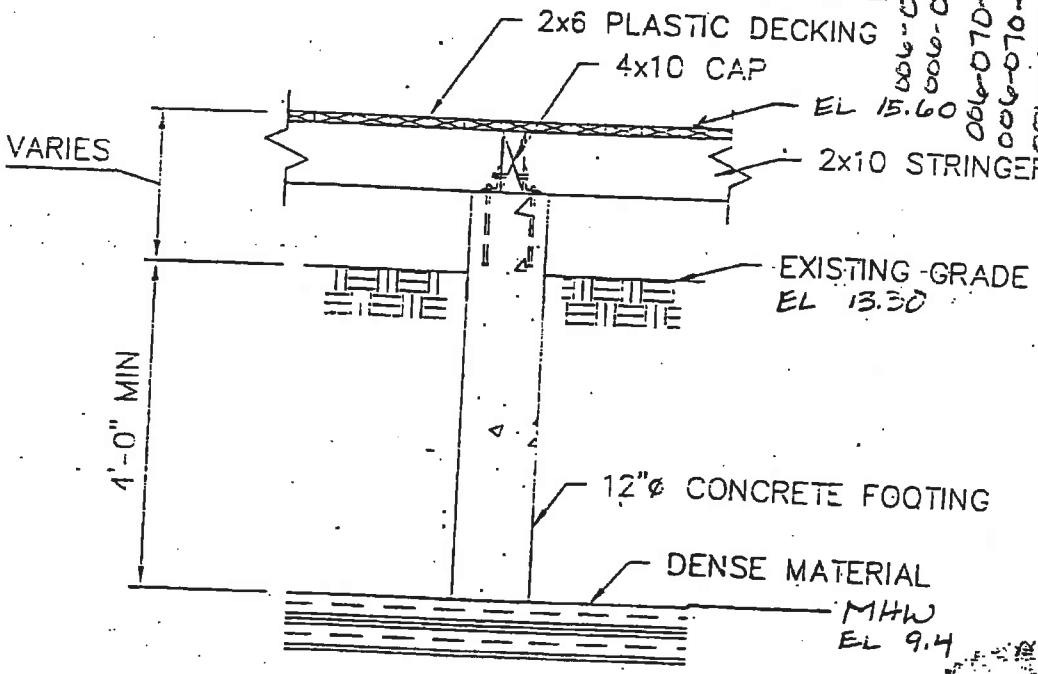
SHEET 17 OF 24



NOTE: SUPPORT SHALL BE USED ALONG OUTSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

1/18 BEACH ENTRANCE PERIMETER SUPPORT

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: SUPPORT SHALL BE USED ALONG INSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

2/18 BEACH ENTRANCE INTERIOR SUPPORT

BEACH ENTRANCE DETAILS
PLAN VIEW

SCALE: 1/2"=1'-0"

LICENSE PLAN NO. 7386
Approved: Department of Environmental Protection
DATE: SEP 01 1998

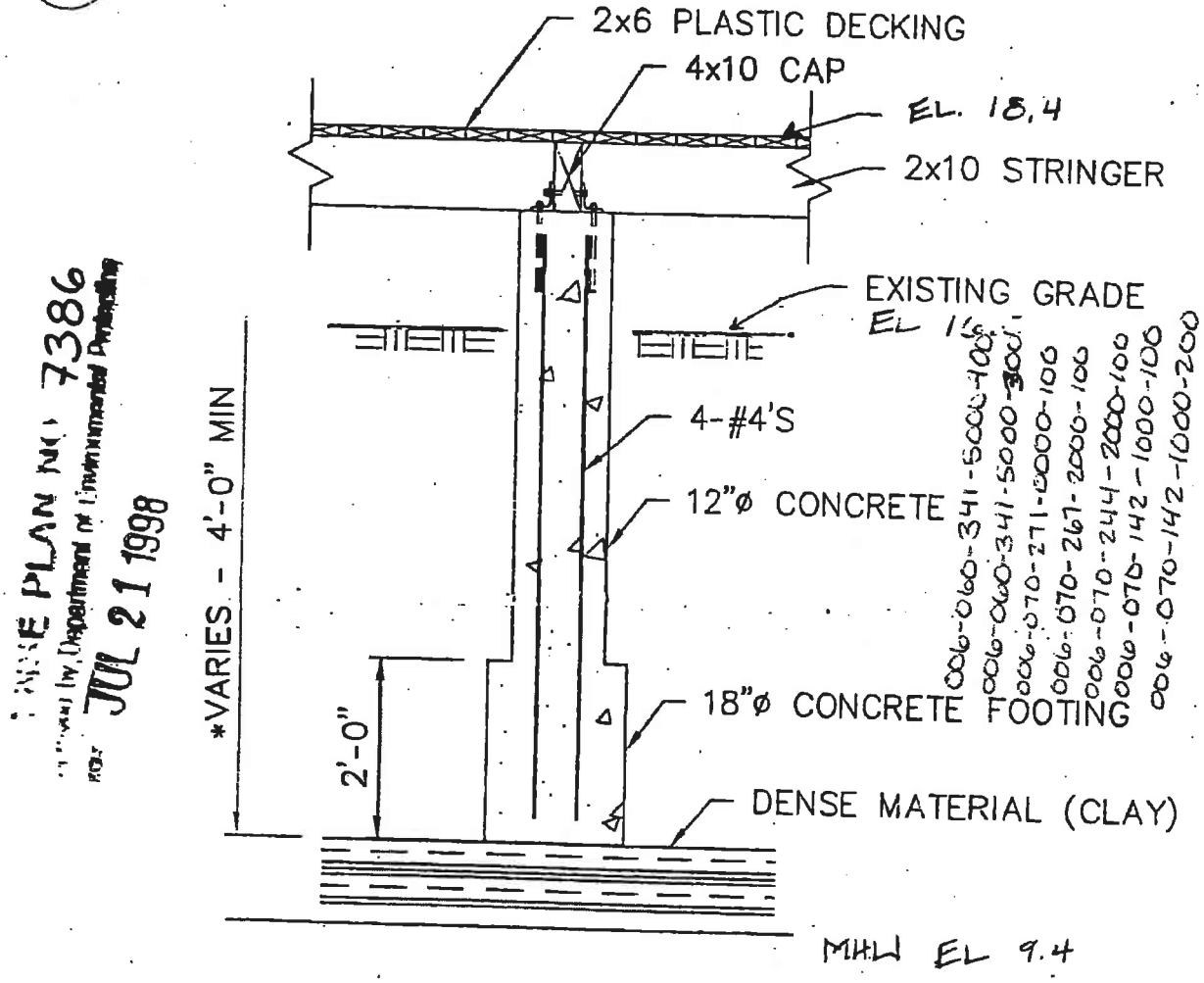
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 16 OF 24

NAME	TYPE	EXIST. GRADE @ WALK	EXIST. GRADE @ BEACH	DIFFERENCE IN ELEV.	RAMP LENGTH* L.F.
CB-1	AC	20.50	19.10	1.40	23.75
CB-2	AC	17.10	15.80	1.30	22.50
CB-3	AC	19.95	17.90	2.05	31.87
MST-1	AC	15.30	14.00	1.30	22.50
MST-2	B	15.60	13.30	2.30	35.00

*RAMP LENGTH INCLUDES THE DISTANCE REQUIRED TO EXTEND 6" BELOW CURRENT BEACH GRADE.

1/19 BEACH ENTRANCE ELEVATION MATRIX



006-060-341-5000-400
006-040-341-5000-300
006-070-271-5000-100
006-070-261-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

*NOTE: DEPTH OF FOOTING VARIES FROM 4' MIN TO 7' MAX

2/19 CARSON BEACH

BOARDWALK SUPPORT

SEE SHEET 18 OF 24 FOR PLEASURE BAY BOARDWALK SUPPORTS

PROPOSED CONSTRUCTION DETAILS

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

0 1 2 4

SCALE: 1/2"=1'-0"

FEBRUARY 199

SHEET 15 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/20 SECTION OF 8' WIDE BOARDWALK @ PLEASURE BAY.

PLEASURE BAY
BOARDWALK SECTION VIEW

0 2 4 6

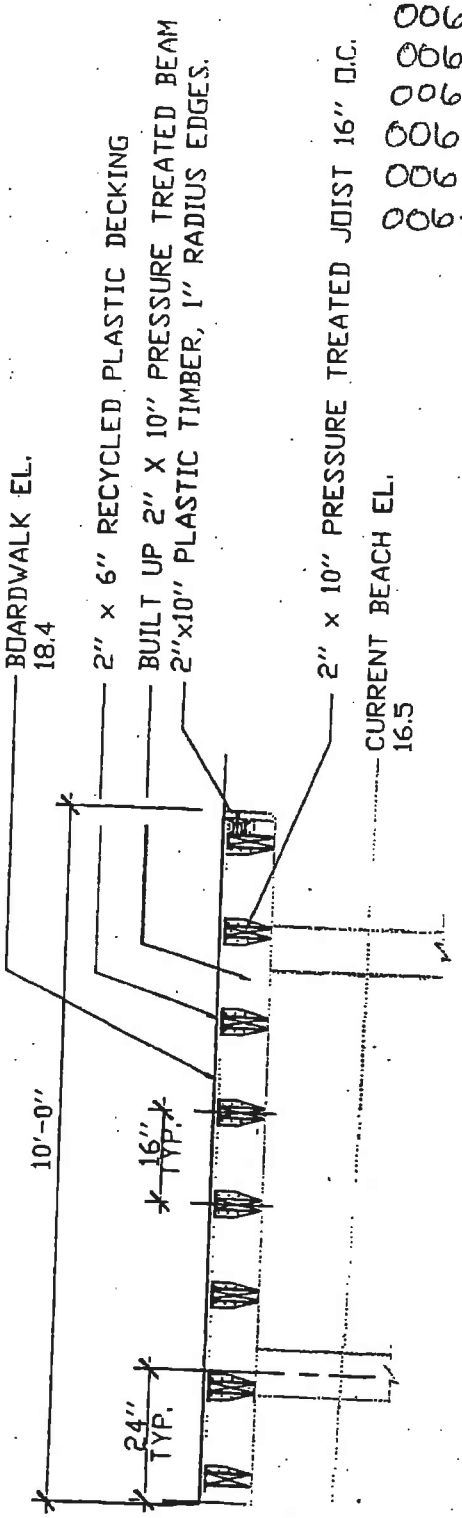
100 YR. FLOOD +9.
MHW −9.
MSL +4.
MLW −0.

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

FEBRUARY 99

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



SECTION OF 10' WIDE BOARDWALK

1/21

BOARDWALK SECTION VIEW

0 2 4 6

SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

LICENSE PLAN NO. 7386

License by Department of Environmental Protection

DEC 1997 2 1 1998

FEBRUARY 1998
SHEET 21 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
JUL 21 1998

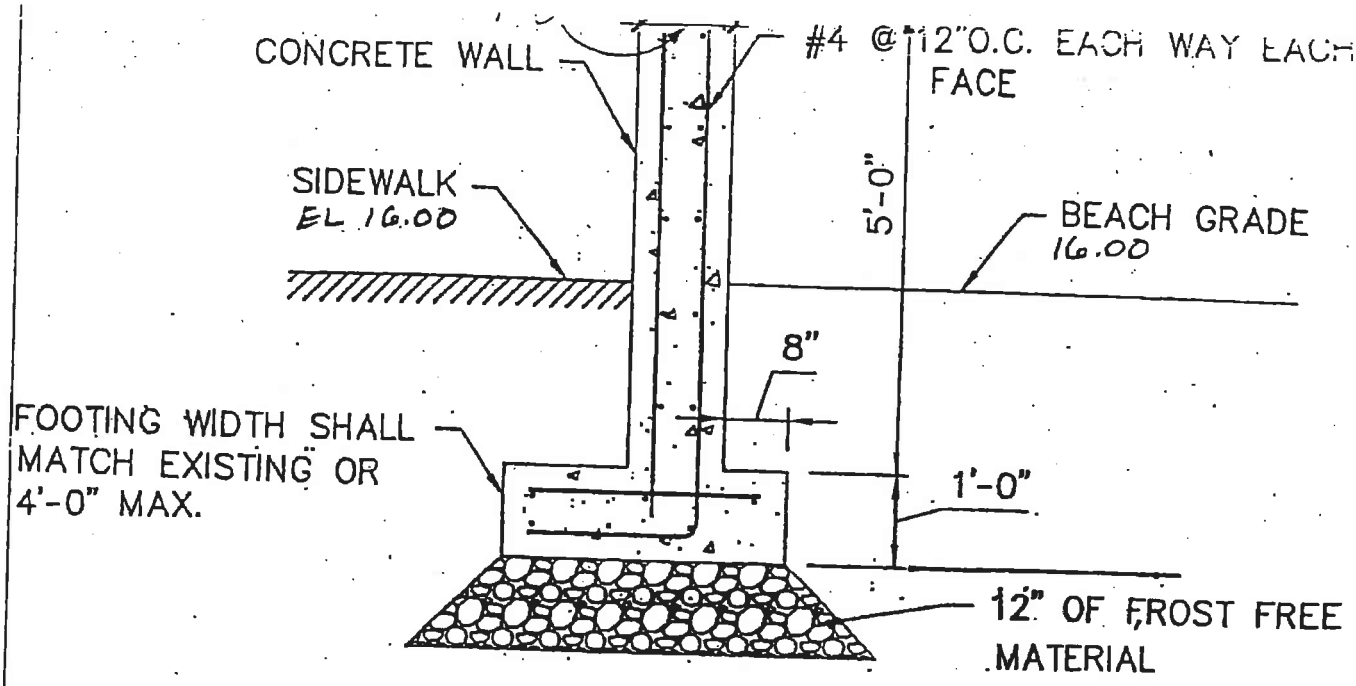
1/22 SECTION OF 8' WIDE BOARDWALK

BOARDWALK SECTION VIEW

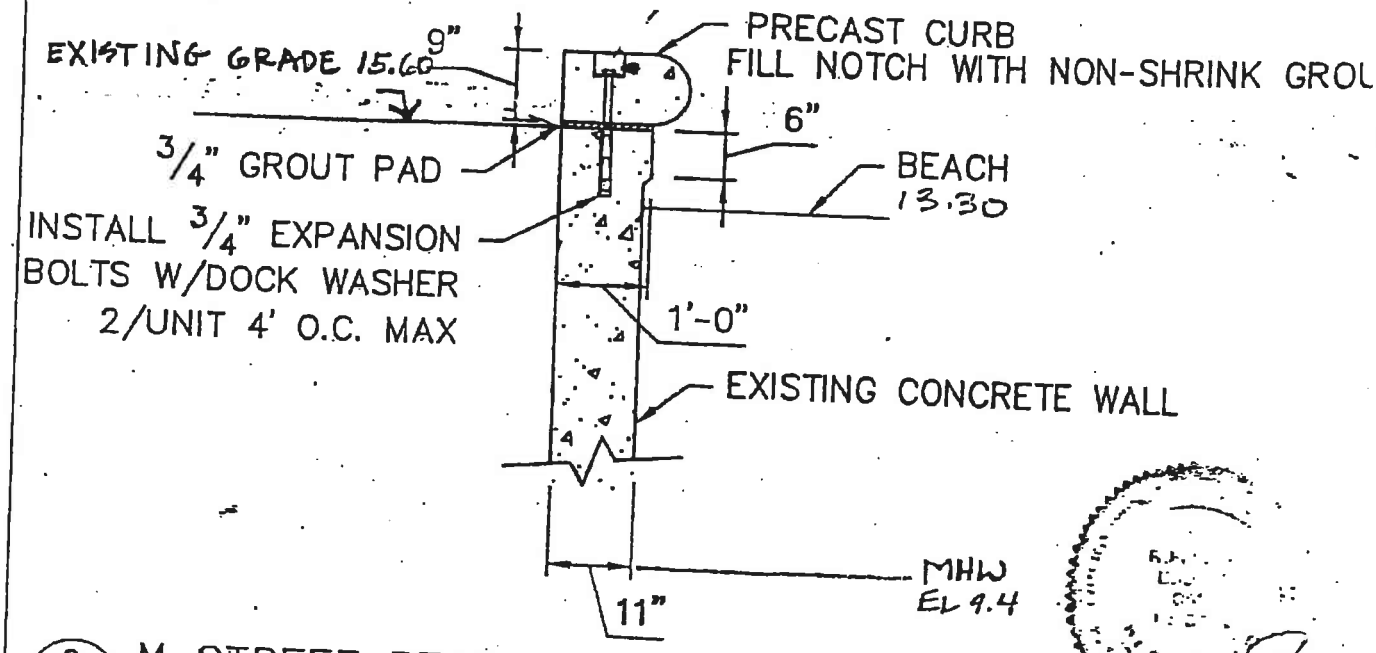
0 2 4 6
SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 22 OF 2



1/23 INFILL WALL SECTION @ PLEASURE BAY



2/23 M-STREET BEACH WALL CAP

PLEASURE BAY & M-STREET BEACHES - WALL DETAILS

0 1 2 4

SCALE: 1 1/2"=1'-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.5
MLW +0.0

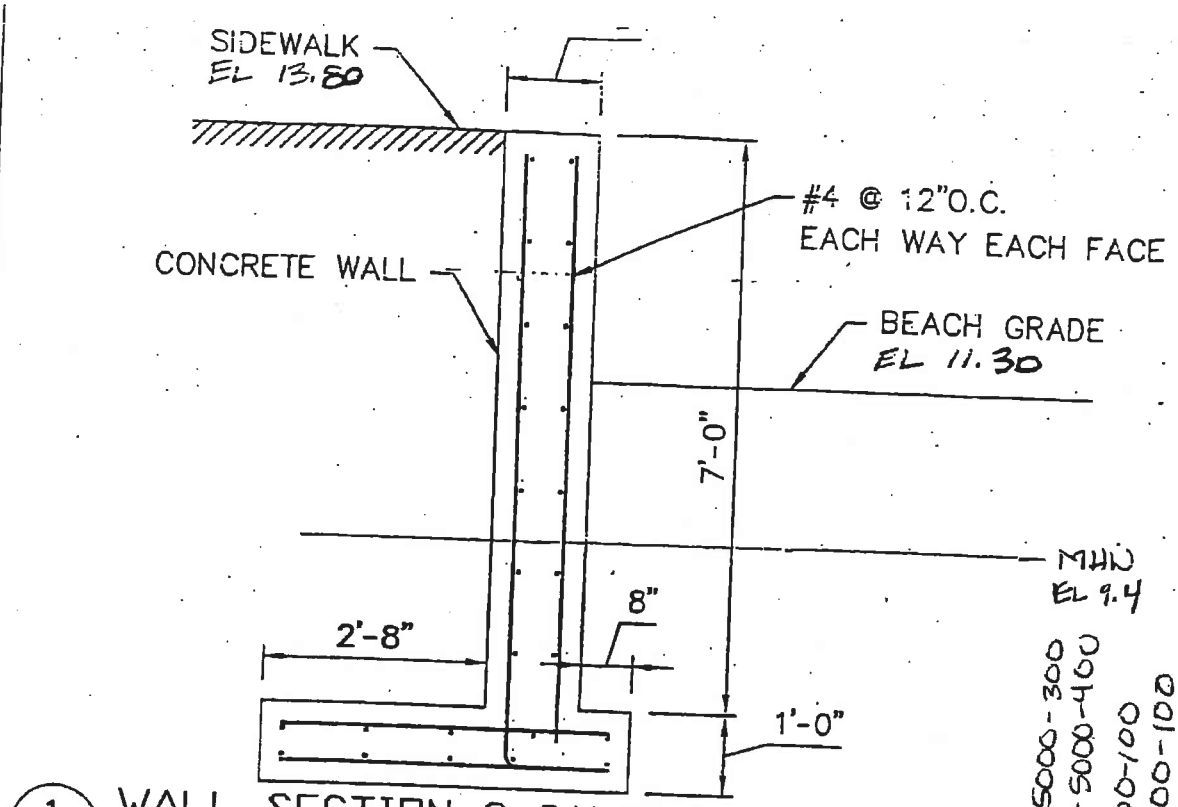
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

Dec 11 09 6 4 4006

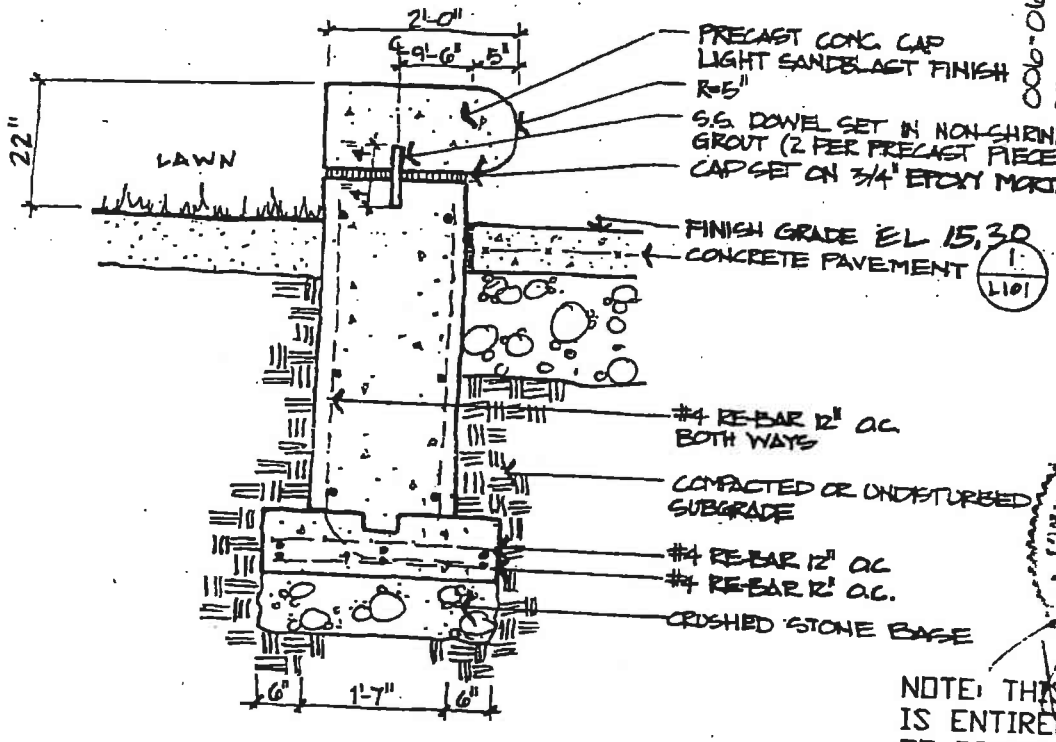
FEBRUARY 1995

SHEET 23 OF 24



1/24 WALL SECTION @ CAUSEWAY/ PENALTY BOX PLEASURE BAY

006-060-341-5000-300
006-060-341-5000-400
006-070-271-0000-100
006-670-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: THIS WALL IS ENTIRELY OUTSIDE OF BEACH RESOURCE AREA & IS WELL ABOVE HTL.

2/24 M-STREET BEACH CONC. SEATWALL

PLEASURE BAY & M-STREET BEACHES- WALL DETAILS

0 1 2 4
SCALE: 1 1/2"=1'-0"

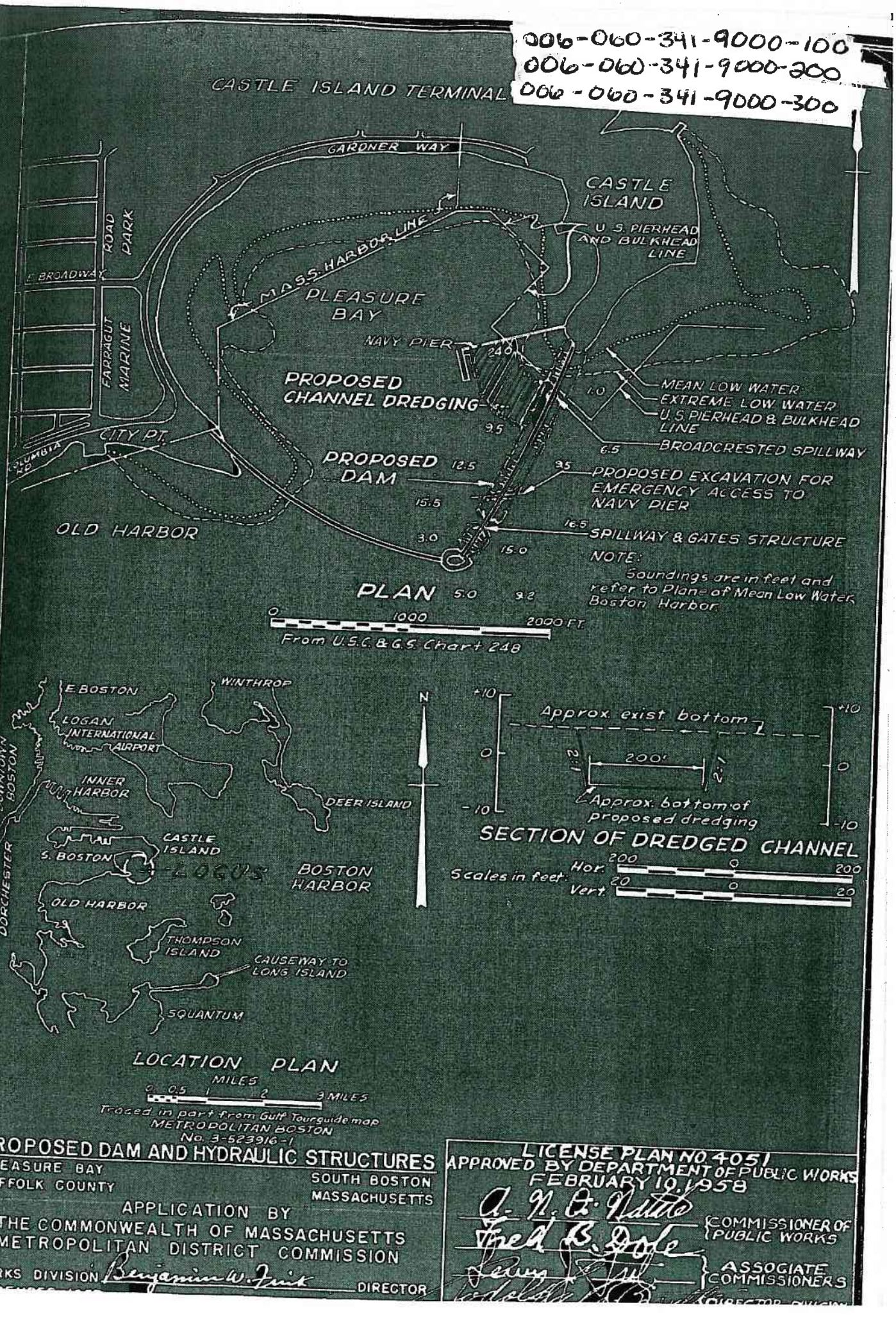
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO. 7386

Department of Environmental Protection

FEBRUARY 1998
SHEET 24 OF 24

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300



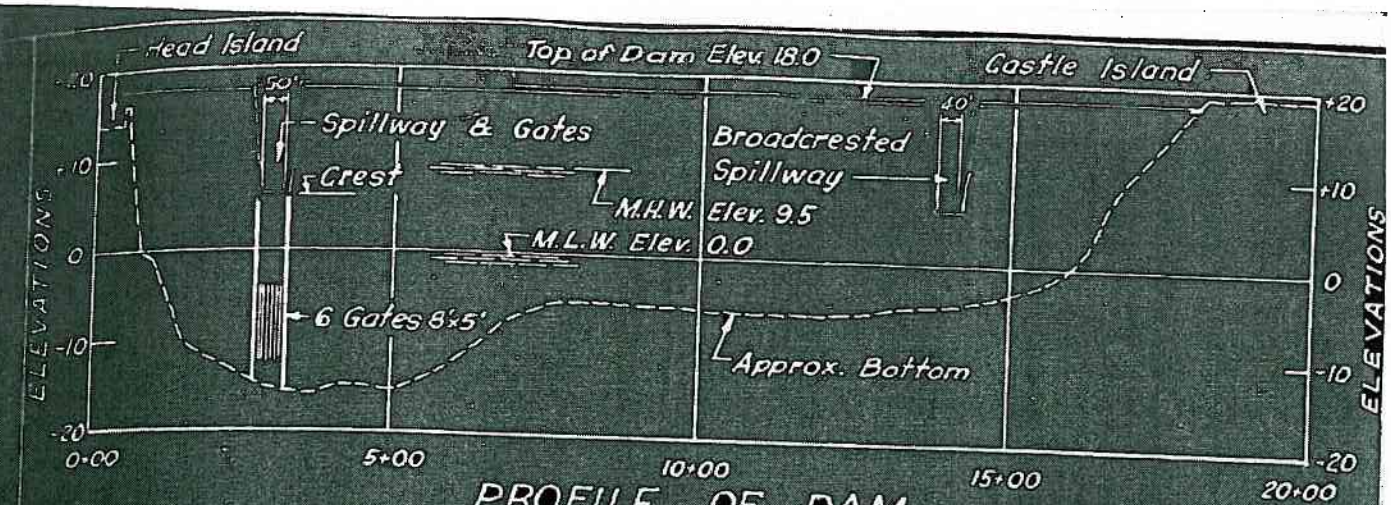
DEPARTMENT OF PUBLIC WORKS

PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

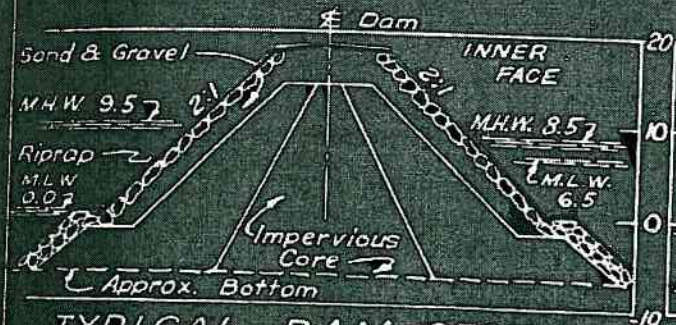
APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
PARKS DIVISION Benjamin W. Fink DIRECTOR

LICENSE PLAN NO. 4051
APPROVED BY DEPARTMENT OF PUBLIC WORKS
FEBRUARY 10, 1958
A. N. C. Nute
Fred B. Dole
COMMISSIONER OF PUBLIC WORKS
ASSOCIATE COMMISSIONERS

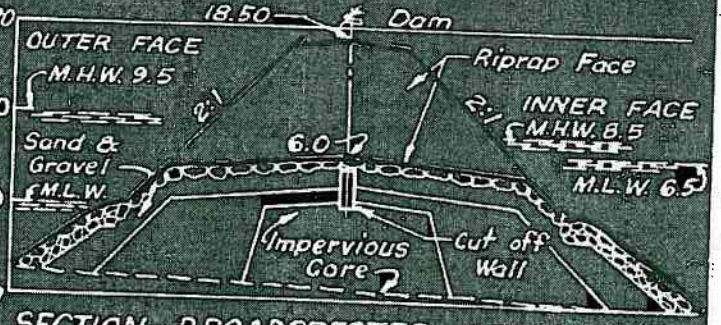


PROFILE OF DAM

Scales in Feet: Hor. 100 0 500; Vert. 20 0 20

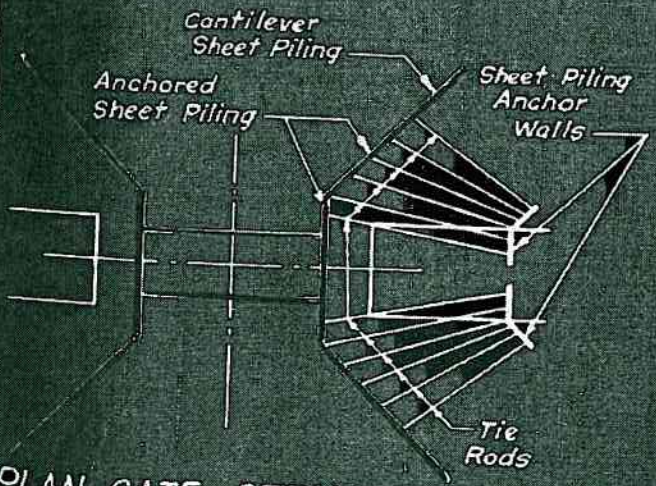


TYPICAL DAM SECTION



SECTION - BROADCRESTED SPILLWAY

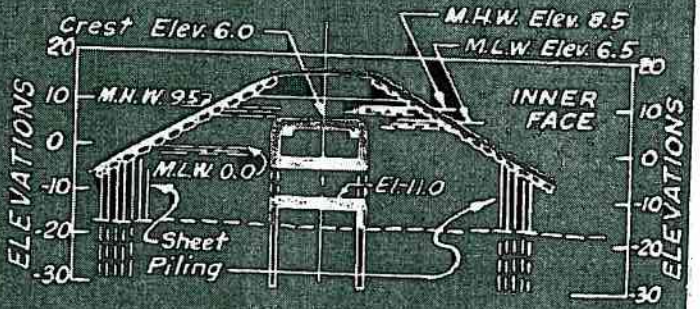
Scales in Feet: Hor. 40 0 40; Vert. 20 0 20



PLAN - GATE STRUCTURE

50 0 50

Scale in Feet



SECTION - GATE STRUCTURE

40 0 40

Scale in Feet

PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY — SOUTH BOSTON

SUFFOLK COUNTY — MASSACHUSETTS

APPLICATION BY

THE COMMONWEALTH OF MASSACHUSETTS

METROPOLITAN DISTRICT COMMISSION

PARKS DIVISION Benjamin W. Zinck DIRECTOR

DECEMBER 1957 SHEET 2 OF 2

LICENSE PLAN NO. 4051

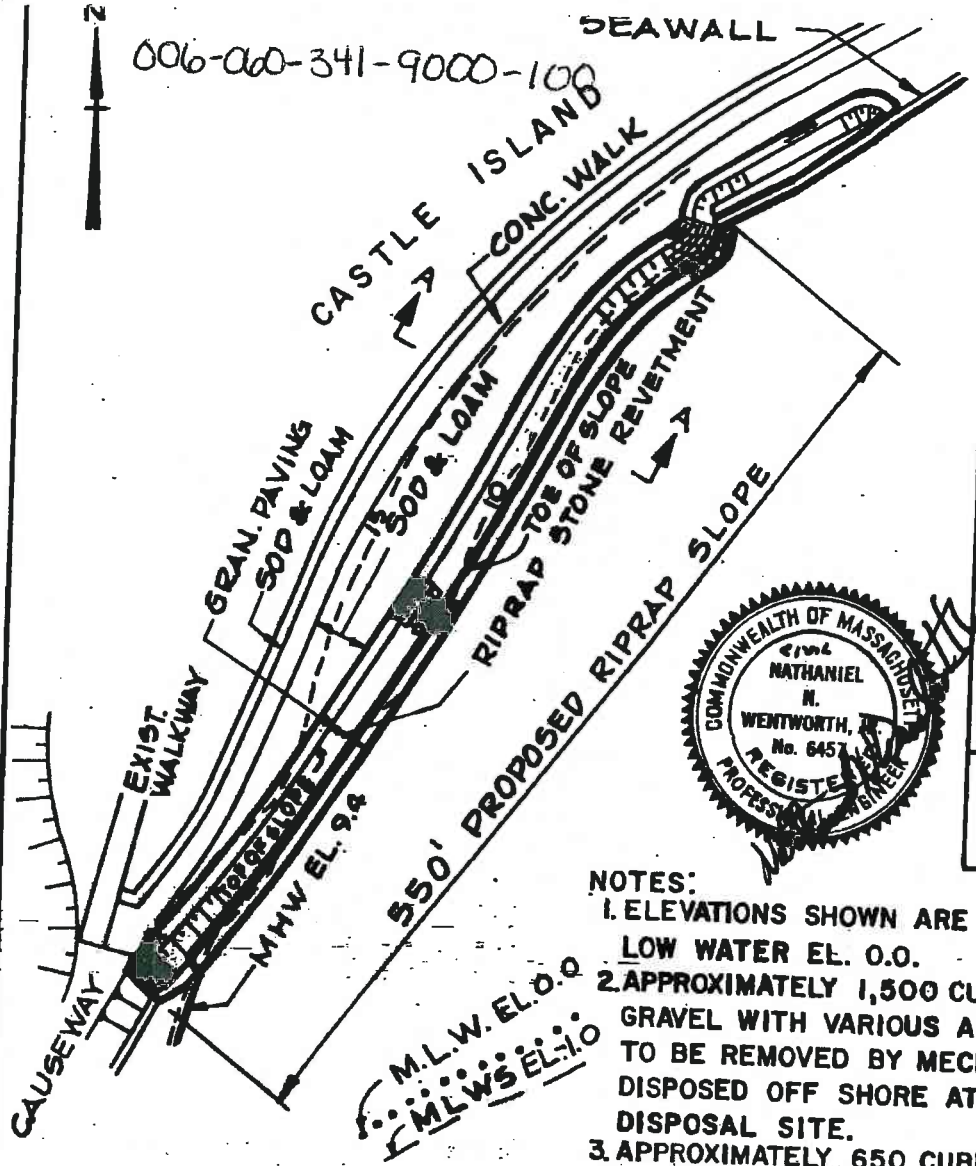
APPROVED - FEBRUARY 10, 1958

006-060-341-9000-100

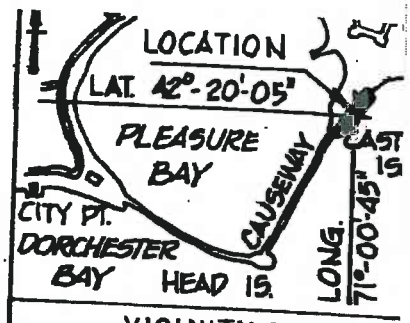
006-060-341-9000-200

006-060-341-9000-300

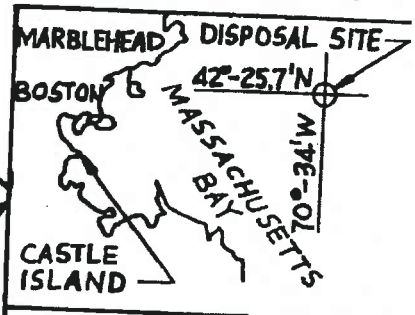
006-00-341-9000-100



PLAN
0 50 100
SCALE IN FEET



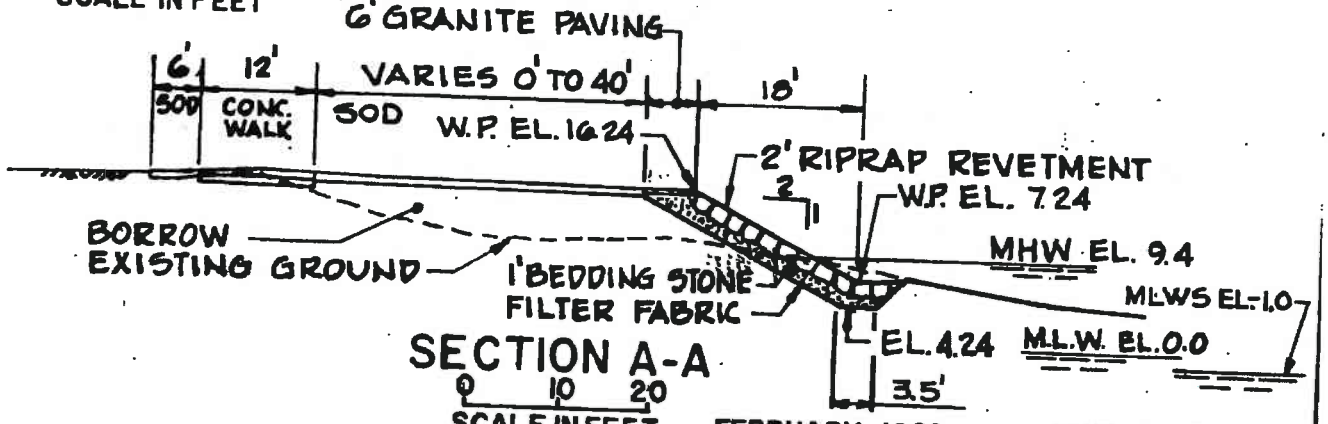
VICINITY MAP
0 1000 2000
SCALE IN FEET
FROM: NOAA CHART 13270



DREDGE DISPOSAL SITE
0 10 20
SCALE IN MILES

COMMONWEALTH OF MASSACHUSETTS
NATHANIEL N. WENTWORTH, JR.
No. 6457
REGISTERED PROFESSIONAL ENGINEER

NOTES:
1. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0.
2. APPROXIMATELY 1,500 CUBIC YARDS OF SAND AND GRAVEL WITH VARIOUS AMOUNTS OF SILTY CLAY TO BE REMOVED BY MECHANICAL METHODS AND DISPOSED OFF SHORE AT THE MARBLEHEAD DISPOSAL SITE.
3. APPROXIMATELY 650 CUBIC YARDS OF BORROW, BEDDING STONE AND RIPRAP TO BE PLACED SEAWARD OF MHW EL. 9.4.



SECTION A-A
0 10 20
SCALE IN FEET

FEBRUARY 1988

SHEET 1 OF 2

PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION

TO CONSTRUCT AND MAINTAIN A RIPRAP SLOPE AND DREDGE IN DORCHESTER BAY AT SOUTH BOSTON, MASSACHUSETTS

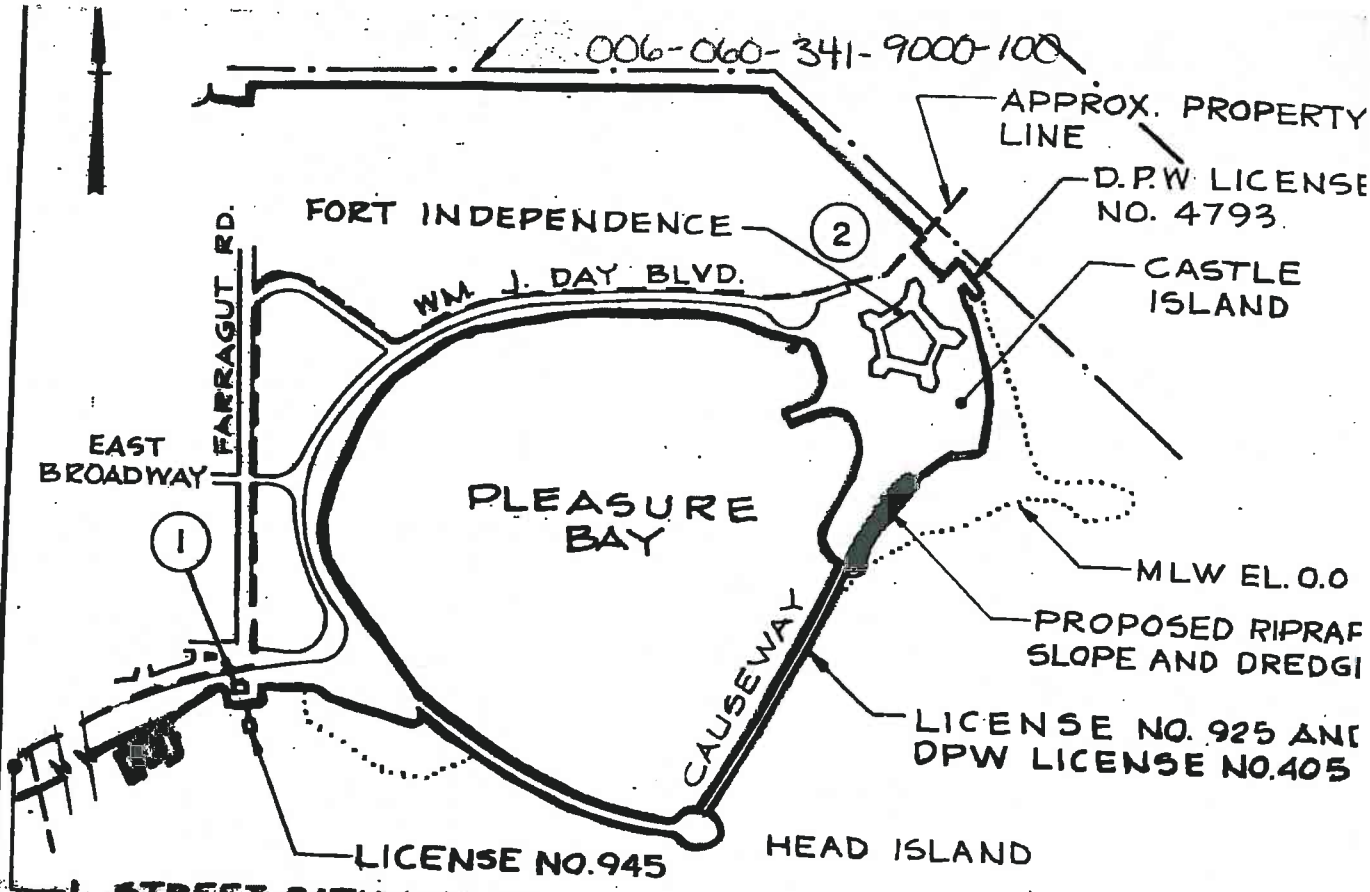
FAY, SPOFFORD & THORNDIKE, INC.

LICENSE PLAN NO. 1820

Approved by Department of Environmental Quality Engineering of Massachusetts

COMMISS CHIEF-
ACTING
DIVISION DIRECTOR-
ACTING
SECTION CHIEF

JUN 14 1988
DATE



ADJACENT PROPERTY

1. BAYVIEW FOOD INC. (LESSEE)
   1830 COLUMBIA ROAD
   SOUTH BOSTON, MASS. 02127
2. MASSPORT - CONLEY TERMINAL
   10 PARK PLAZA
   BOSTON, MASS. 02116

LICENSE PLAN NO. 1820

Approved by Commonwealth Dept. of Environmental Quality Engineering

Date JUN 14 1988

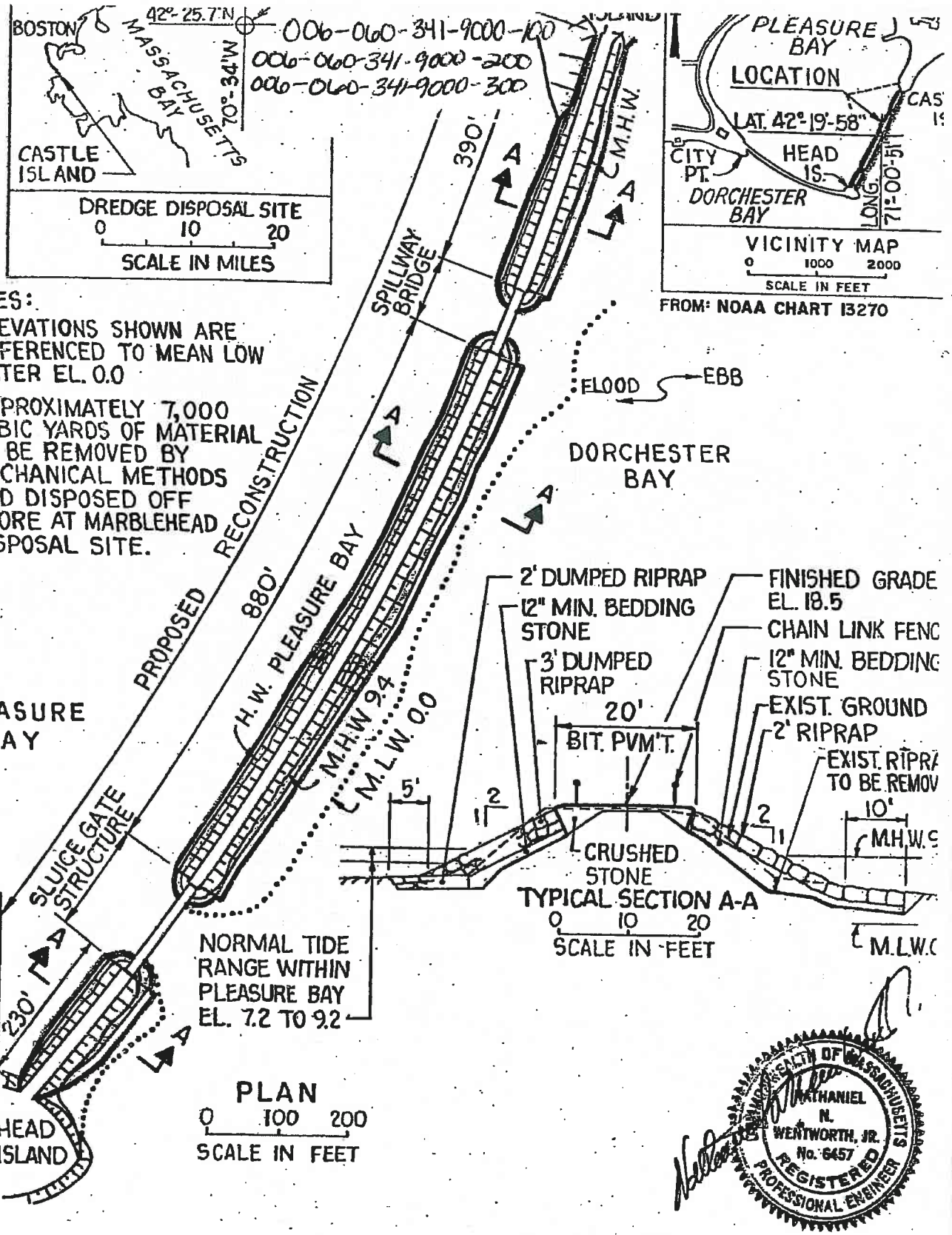
PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION

COMMONWEALTH OF MASSACHUSETTS
NATHANIEL N. WENTWORTH, JR.
No. 6457
REGISTERED
PROFESSIONAL ENGINEER

FAY, SPOFFORD & THORNDIKE, INC.

FEBRUARY 1988

SHEET 2 OF 2



PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION

TO RECONSTRUCT AND MAINTAIN CAUSEWAY AND DREDGE IN DORCHESTER BAY AT SOUTH BOSTON, MASSACHUSETTS

AUGUST 1982

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

82W-109

SHEET 1 OF 1

LICENSE PLAN NO. 925

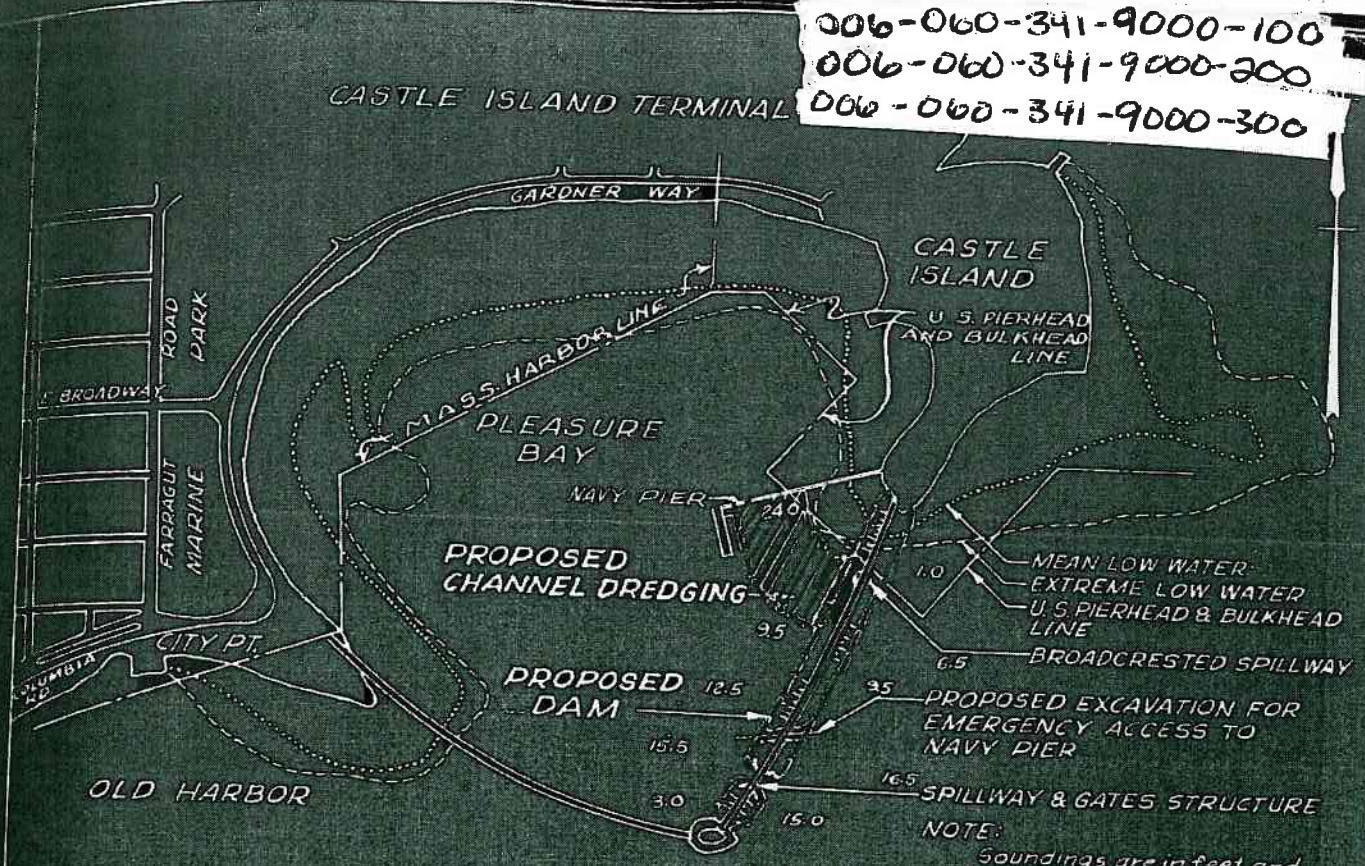
Approved by Department of Environmental Quality Engineering of Massachusetts NOVEMBER 26, 1982

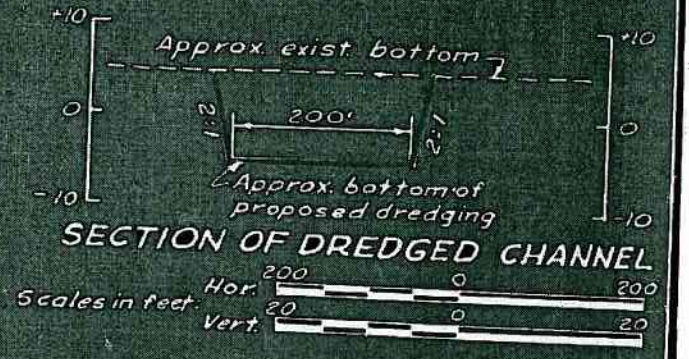
COMMISSIONER

CHIEF ENGINEER

TM-066
C-13

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300





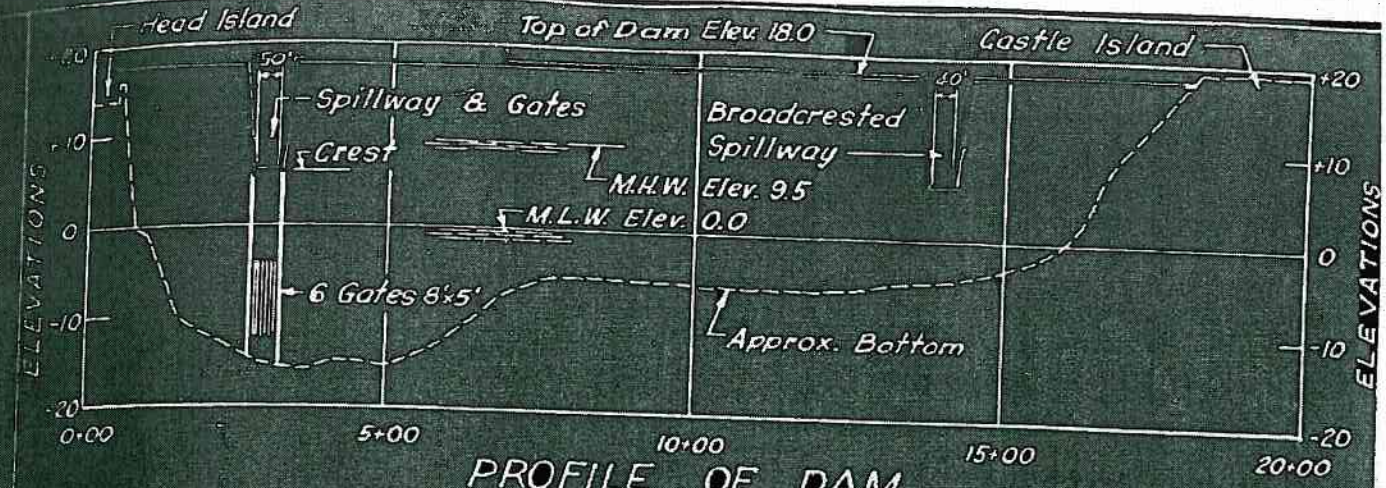
PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
PARKS DIVISION Benjamin W. Fink DIRECTOR

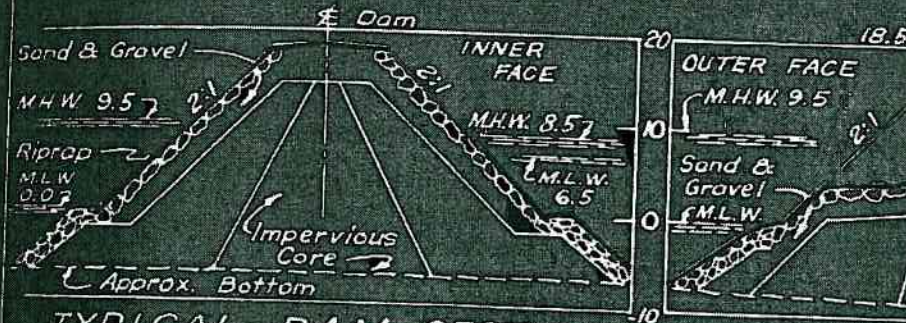
LICENSE PLAN NO. 4051
APPROVED BY DEPARTMENT OF PUBLIC WORKS
FEBRUARY 10, 1958
A. N. C. Natale
Fred B. Dole
COMMISSIONER OF PUBLIC WORKS
ASSOCIATE COMMISSIONERS

DEPARTMENT OF PUBLIC WORKS

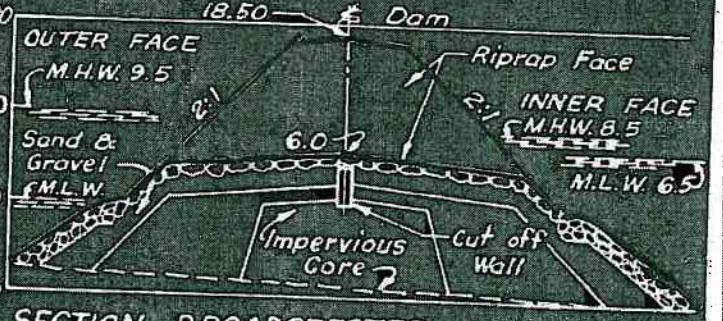


PROFILE OF DAM

Scales in Feet: Hor. 100 0 500; Vert. 20 0 20

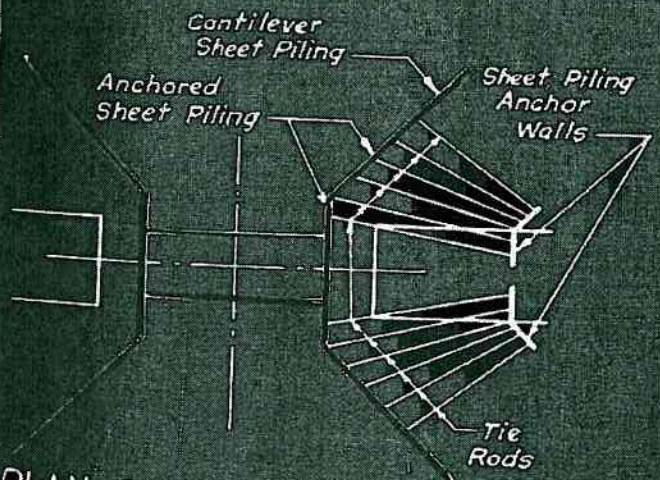


TYPICAL DAM SECTION



SECTION - BROADCRESTED SPILLWAY

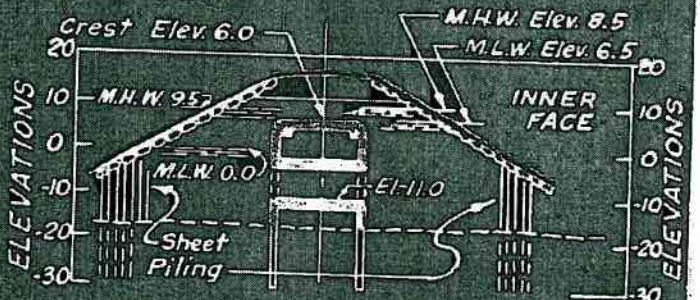
Scales in Feet: Hor. 40 0 40; Vert. 20 0 20



PLAN - GATE STRUCTURE

50 0 50

Scale in Feet



SECTION - GATE STRUCTURE

40 0 40

Scale in Feet

PROPOSED DAM AND HYDRAULIC STRUCTURES

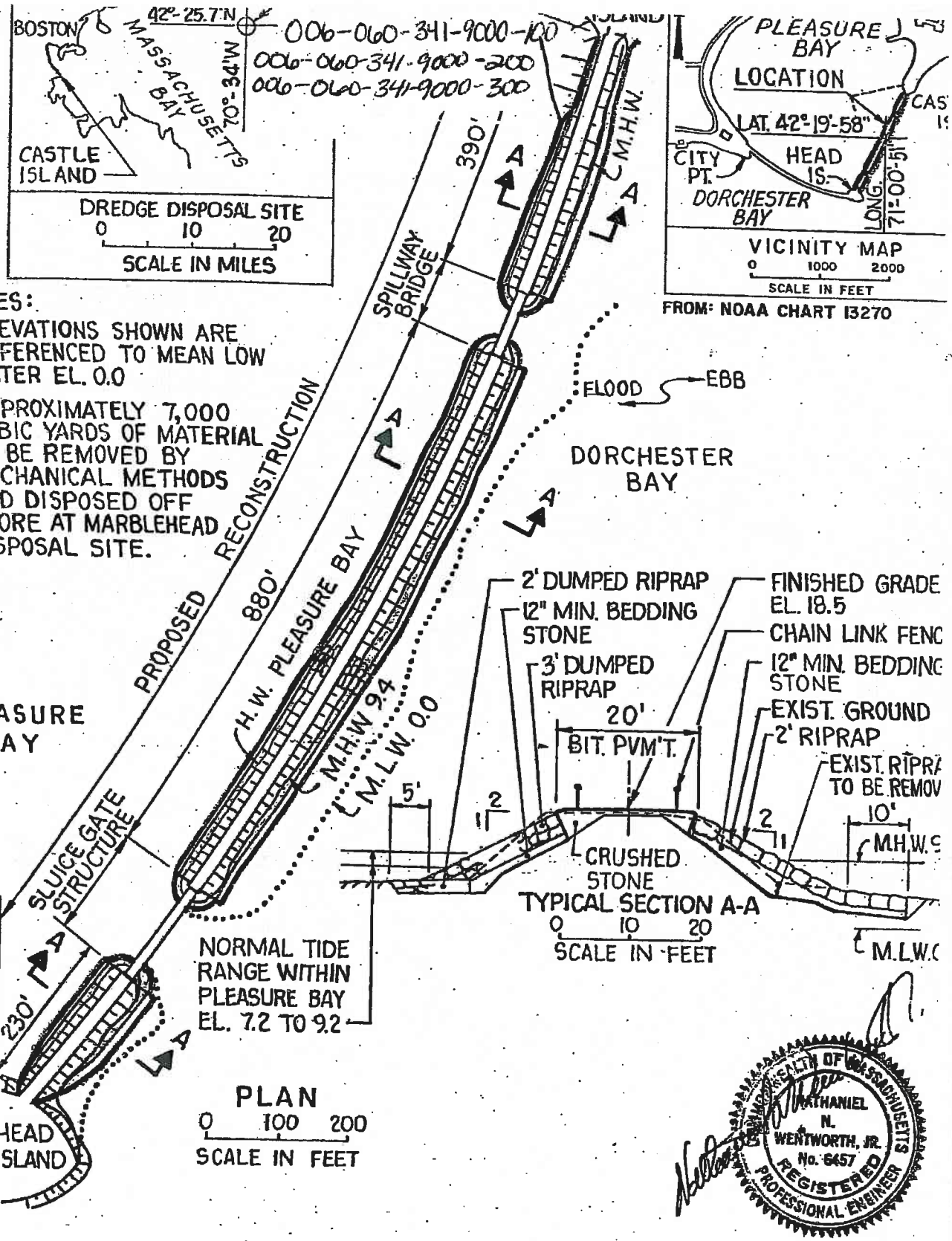
PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

PARKS DIVISION Benjamin W. Frisk DIRECTOR
DECEMBER 1957
SHEET 2 OF 2

LICENSE PLAN NO. 4051
APPROVED - FEBRUARY 10, 1958

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300



NOTES:

1. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. APPROXIMATELY 7,000 CUBIC YARDS OF MATERIAL TO BE REMOVED BY MECHANICAL METHODS AND DISPOSED OFF SHORE AT MARBLEHEAD DISPOSAL SITE.

PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION

TO RECONSTRUCT AND MAINTAIN CAUSEWAY AND DREDGE IN DORCHESTER BAY AT SOUTH BOSTON, MASSACHUSETTS

AUGUST 1982

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

82W-109

SHEET 1 OF 1

LICENSE PLAN NO. 925

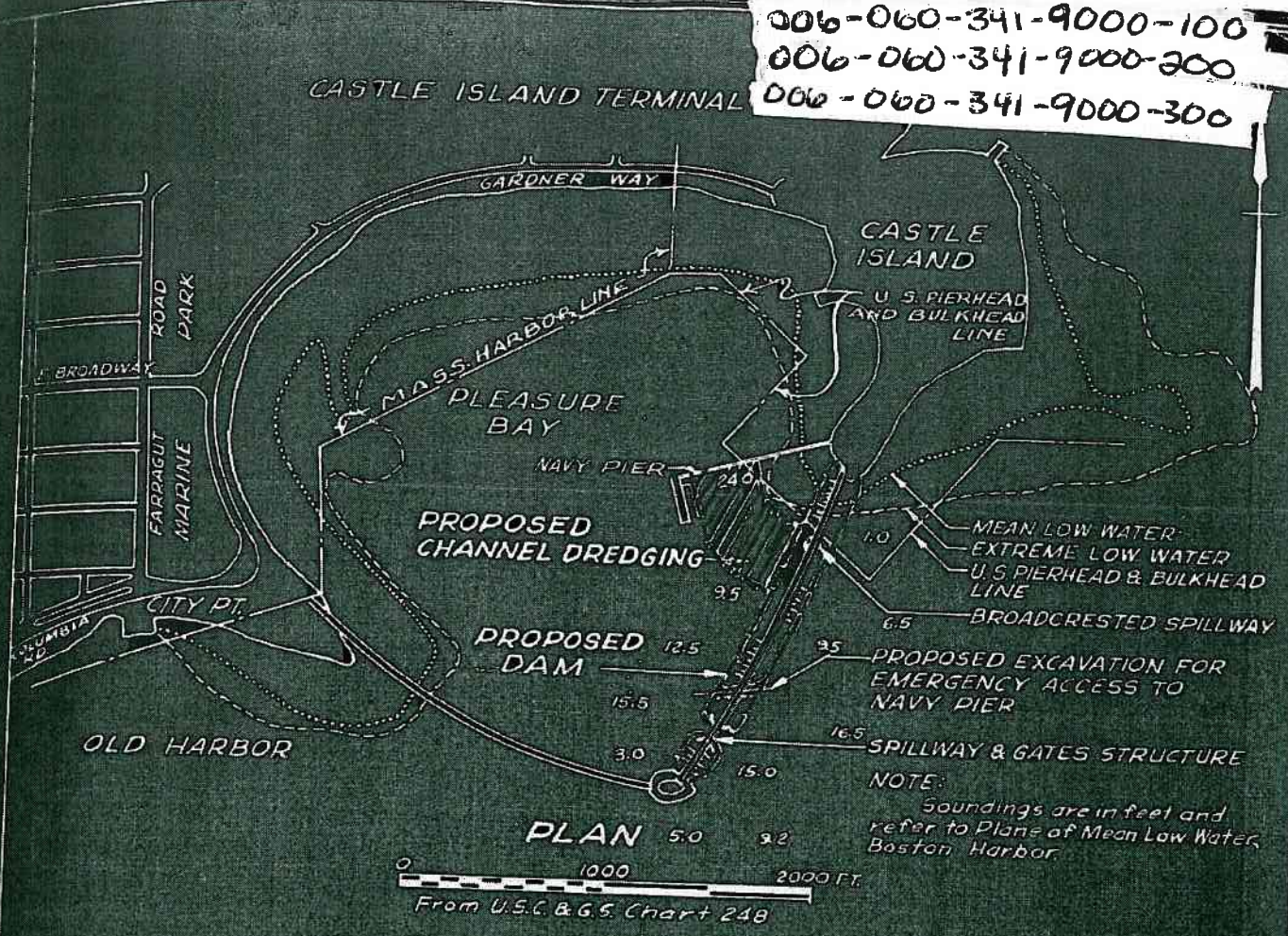
Approved by Department of Environmental Quality Engineering of Massachusetts NOVEMBER 26, 1982

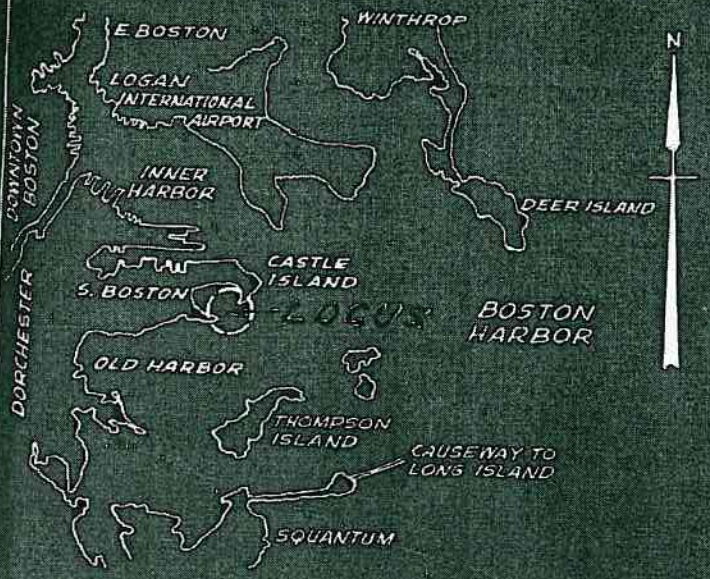
COMMISSIONER

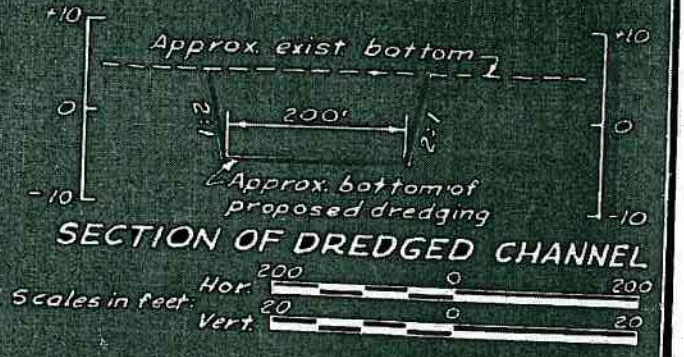
CHIEF ENGINEER

TM-066
C-13

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300







PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

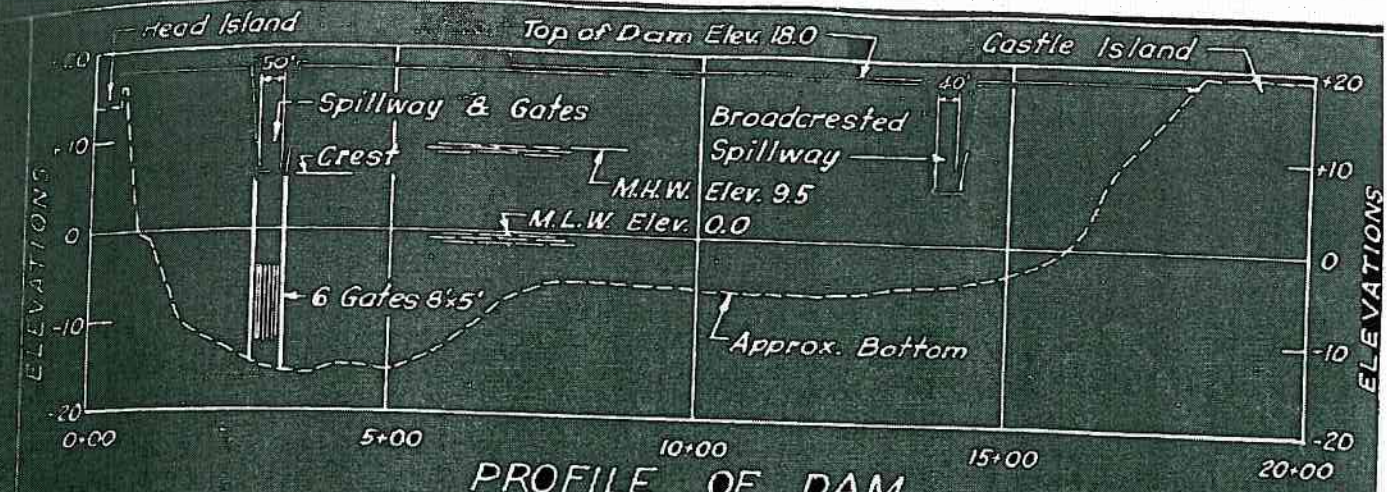
APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

PARKS DIVISION Benjamin W. Fuit DIRECTOR

LICENSE PLAN NO. 4051
APPROVED BY DEPARTMENT OF PUBLIC WORKS
FEBRUARY 10, 1958

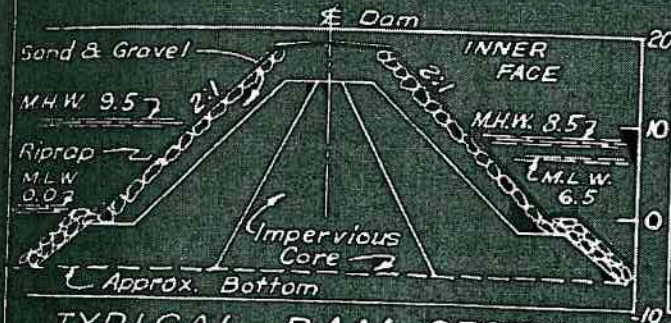
A. N. D. Nute
Fred S. Dole
COMMISSIONER OF PUBLIC WORKS
ASSOCIATE COMMISSIONERS

DEPARTMENT OF PUBLIC WORKS

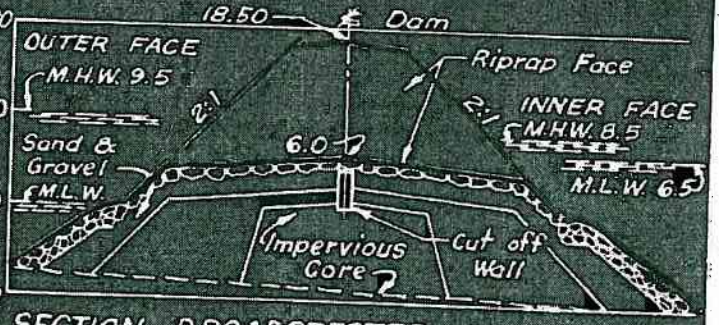


PROFILE OF DAM

Scales in Feet: Hor. 100 0 500; Vert. 20 0 20

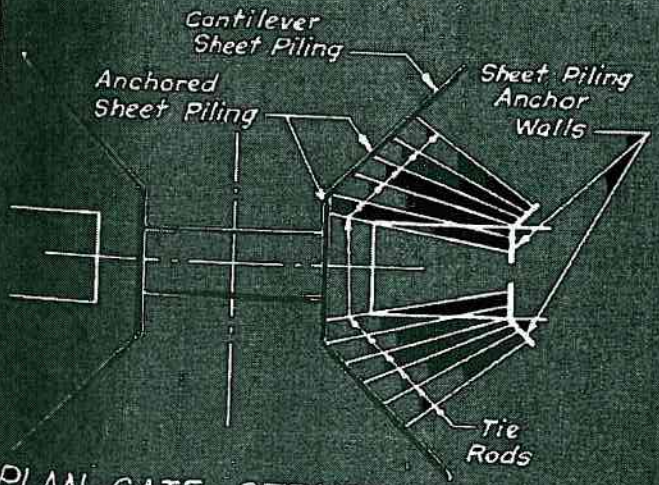


TYPICAL DAM SECTION



SECTION - BROADCRESTED SPILLWAY

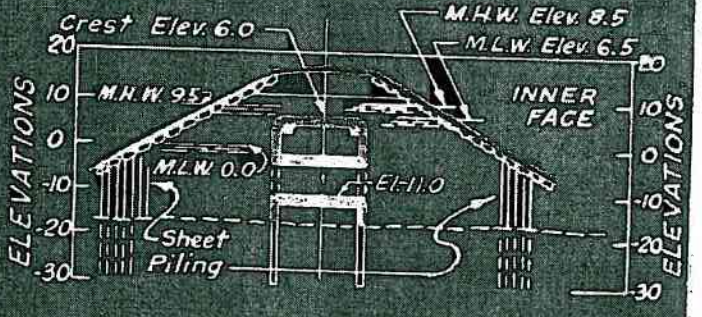
Scales in Feet: Hor. 40 0 40; Vert. 20 0 20



PLAN - GATE STRUCTURE

50 0 50

Scale in Feet



SECTION - GATE STRUCTURE

40 0 40

Scale in Feet

PROPOSED DAM AND HYDRAULIC STRUCTURES

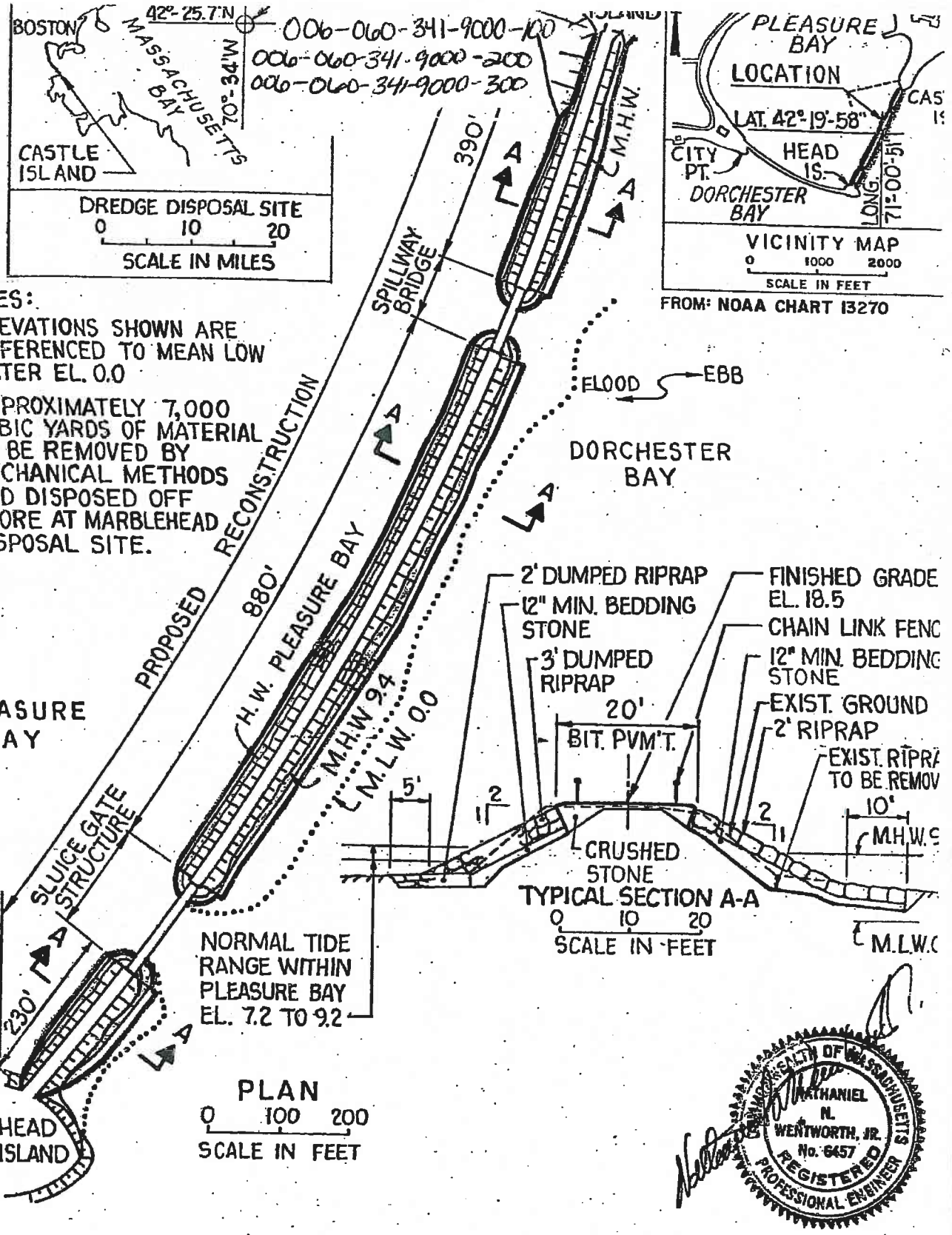
PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

PARKS DIVISION Benjamin W. Trask DIRECTOR
DECEMBER 1957
SHEET 2 OF 2

LICENSE PLAN NO. 4051
APPROVED - FEBRUARY 10, 1958

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300



NOTES:

1. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. APPROXIMATELY 7,000 CUBIC YARDS OF MATERIAL TO BE REMOVED BY MECHANICAL METHODS AND DISPOSED OFF SHORE AT MARBLEHEAD DISPOSAL SITE.

COMMONWEALTH OF MASSACHUSETTS
NATHANIEL N. WENTWORTH, JR.
No. 6457
REGISTERED PROFESSIONAL ENGINEER

PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION

TO RECONSTRUCT AND MAINTAIN CAUSEWAY AND DREDGE IN DORCHESTER BAY AT SOUTH BOSTON, MASSACHUSETTS

AUGUST 1982

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

82W-109

SHEET 1 OF 1

LICENSE PLAN NO. 925

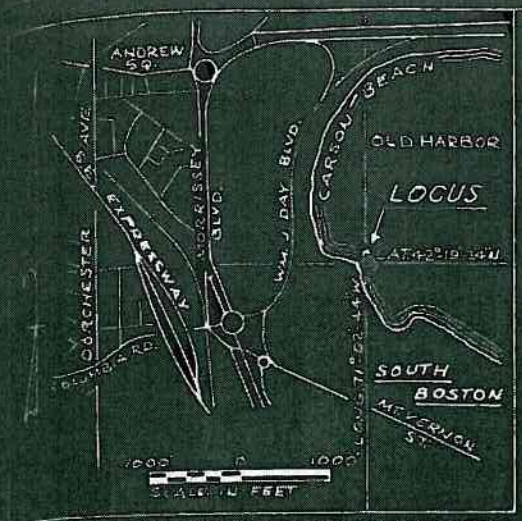
Approved by Department of Environmental Quality Engineering of Massachusetts NOVEMBER 26, 1982.

COMMISSIONER

CHIEF ENGINEER

TM-066
C-13

006-070-054-1001-100



RACED FROM USGS-BOSTON and VICINITY

OLD HARBOR

PLAN

20' 0 20' 40' 60' 80' 100'

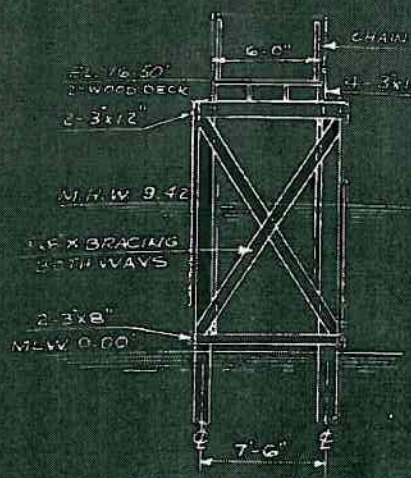
SCALE IN FEET

PLAN ACCOMPANYING PETITION OF
METROPOLITAN DISTRICT COMMISSION
-BRIGHTER DAY INC. LESSEE
TO CONSTRUCT & MAINTAIN FILL, RIPRAP, PILE & TIMBER PIER, RAMP & PILE HELD FLOATS.

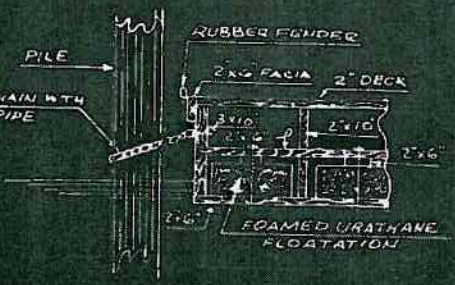
OLD HARBOR
SOUTH BOSTON
MARCH 1975 SHEET 1 OF 2

DEPT'S PLAN NO. 6700
APPROVED BY DEPARTMENT OF PUBLIC WORKS
COMMONWEALTH OF MASSACHUSETTS
June 4, 1975
COMMISSIONER
COMMISSIONER
COMMISSIONER

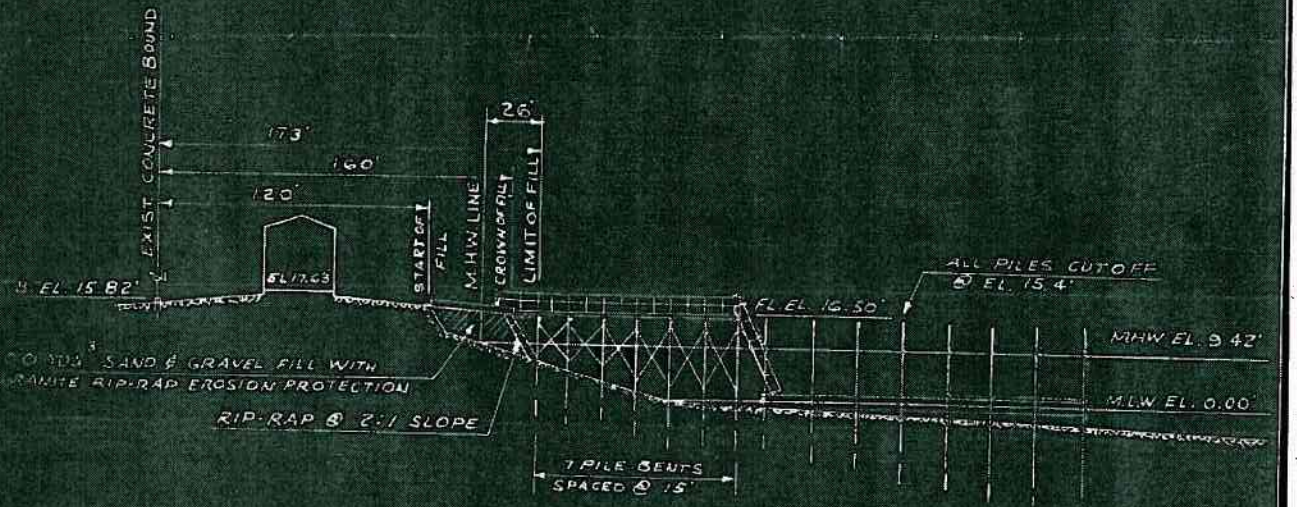
006-070-054-1001-100



TYPICAL PILE BENT



9 REQUIRED
TYPICAL 20'x30' FLOAT

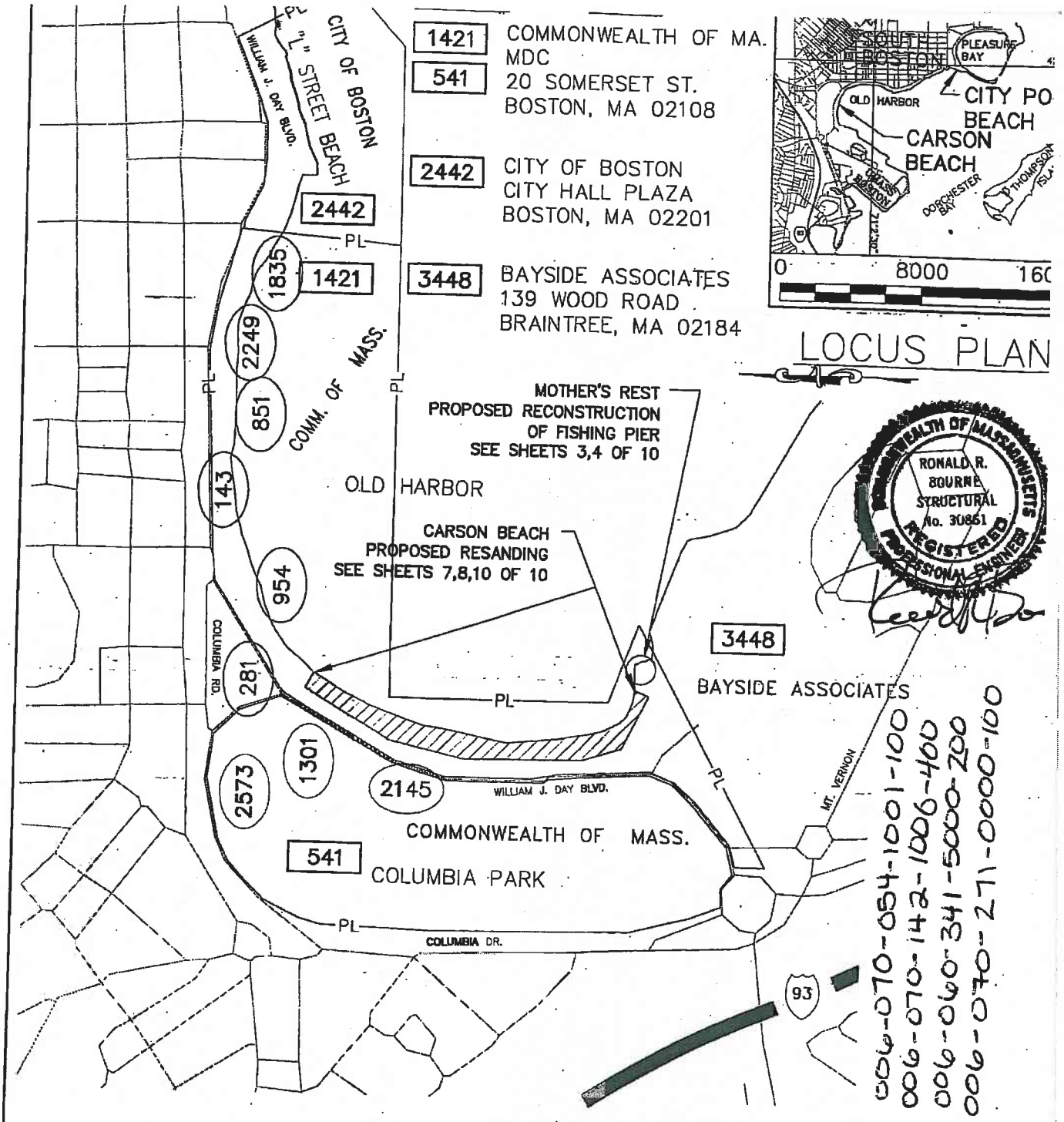


ELEVATION A-A

No. 10239
Charles W. Baldwin

PLAN ACCOMPANYING PETITION OF
METROPOLITAN DISTRICT COMMISSION
-BRIGHTER DAY INC. LESSEE
TO CONSTRUCT & MAINTAIN FILL, RIPRAP, PILE & TIMBER PIER,
RAMP & PILE HELD FLOATS.
OLD HARBOR
SOUTH BOSTON
MARCH 1975 SHEET 2 OF 2

LICENSE PLAN NO. 6400
APPROVED BY DEPARTMENT OF PUBLIC WORKS
June 7, 1975



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

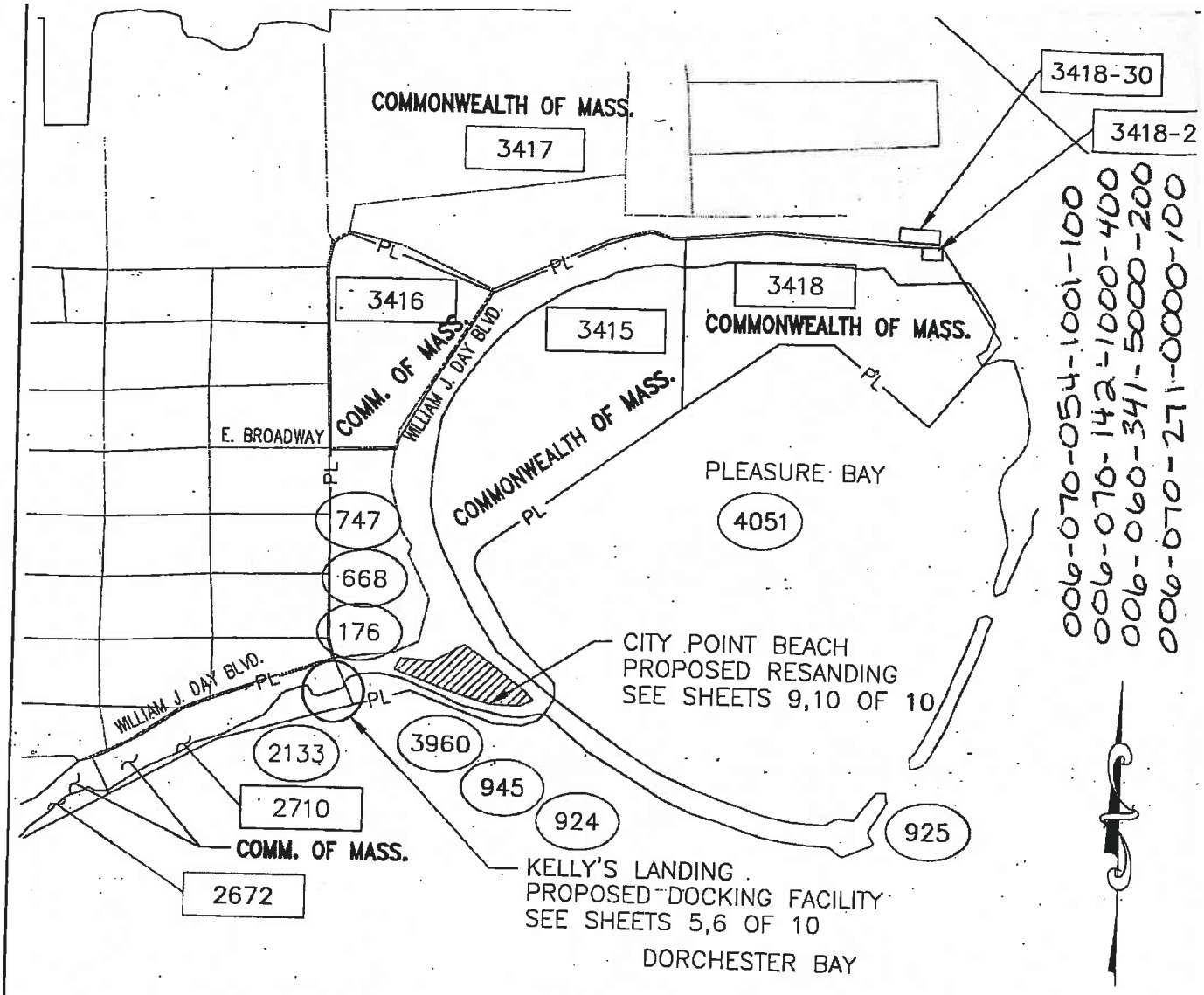
2145 PREVIOUS CH. 91 LICENSES
SEE ATTACHMENT 3 OF
WATERWAYS LICENSE APPLICATION

100yr. FLOOD +19.
HTL +12.
MHW +9.
NGVD +4.
MLW +0.

JANUARY 199
SHEET 1 OF 1

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN RIP RAP, FISHING PIER, DOCKING FACILITY AND BEACH RESANDING.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
of Massachusetts JUN 13 1997



PARCEL #	
2672	2710
3415	3416
3417	3418
3418-2	3418-30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES
SEE ATTACHMENT 3 OF
WATERWAYS LICENSE APPLICATION

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

OVERALL PLAN

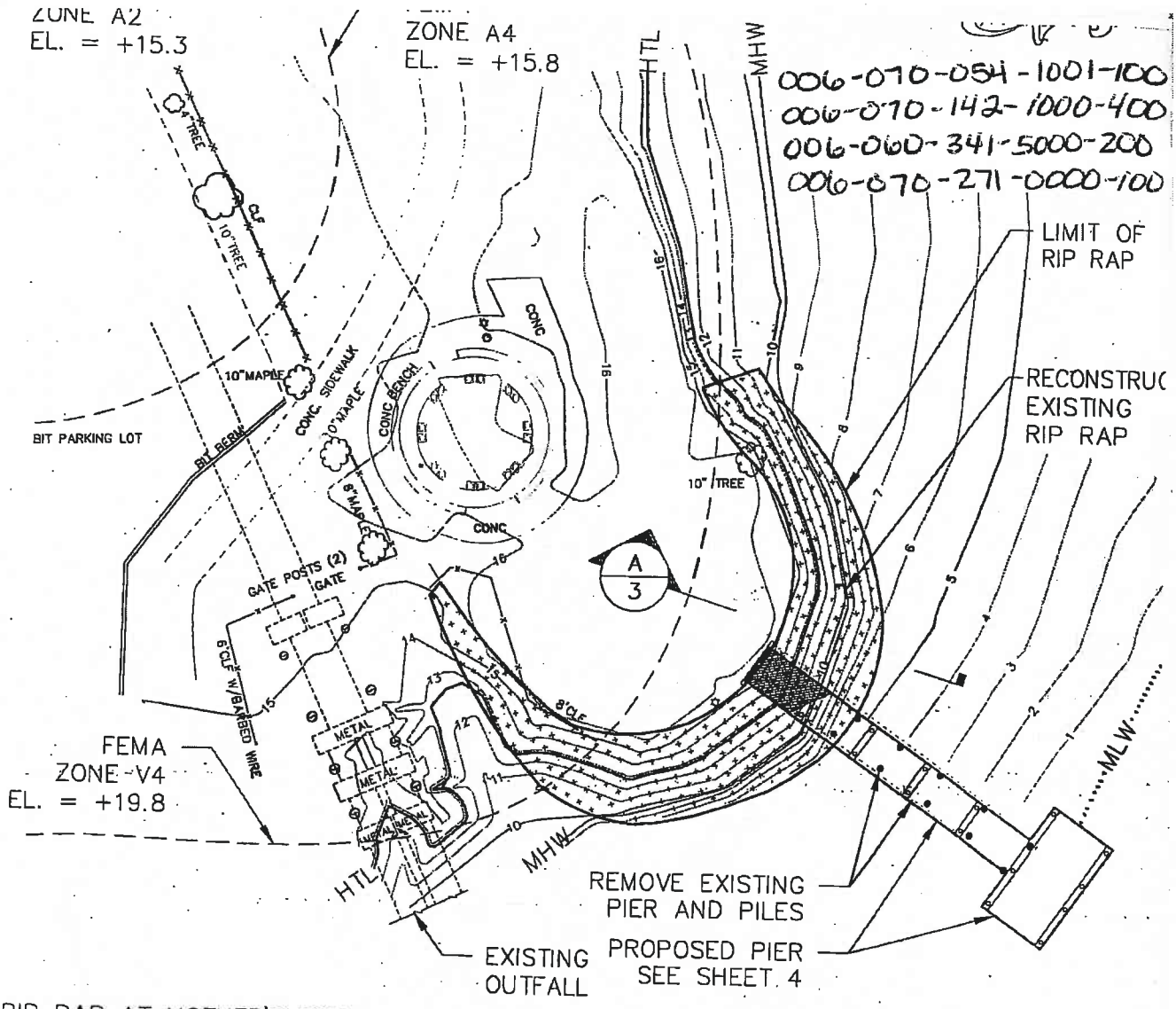
0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

100yr. FLOOD	+19.8
HTL	+12.8
MHW	+9.4
NGVD	+4.8
MLW	+0.0

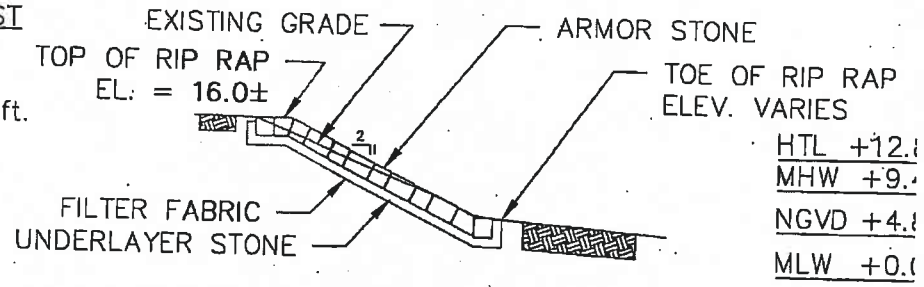
JANUARY 1997
SHEET 2 OF 10



RIP RAP AT MOTHER'S REST

AREA:
TOTAL 3,600 sq.ft.
BELOW HTL 2,200 sq.ft.

FILL VOLUME:
BELOW HTL 126 cu.ft.
BELOW MHW 52 cu.ft.



A/3 RIP RAP RECONSTRUCTION

0 20 40

SCALE: 1" = 20'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISHING PIER—PLAN

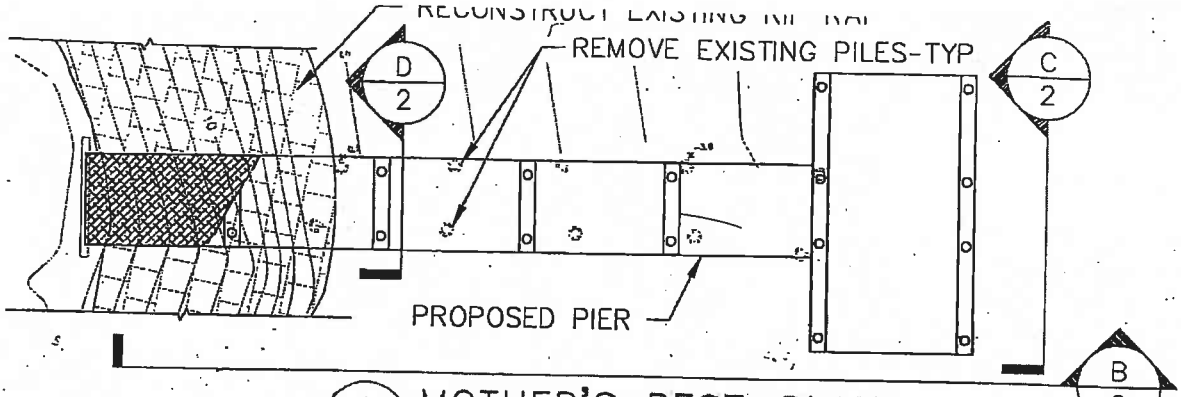
0 40 80

SCALE: 1" = 40'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BROWNE
STRUCTURAL
No. 30861
REGISTERED PROFESSIONAL ENGINEER

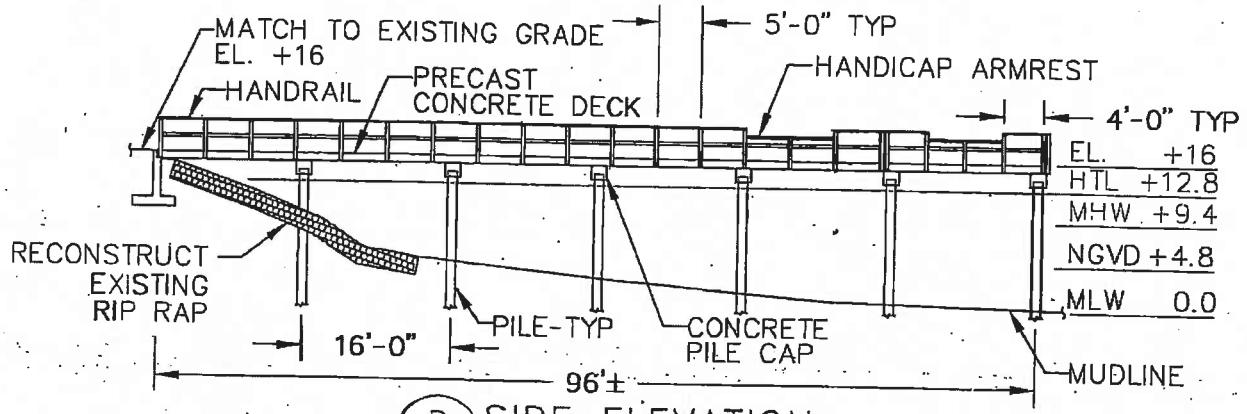
100 YR. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 3 OF 10



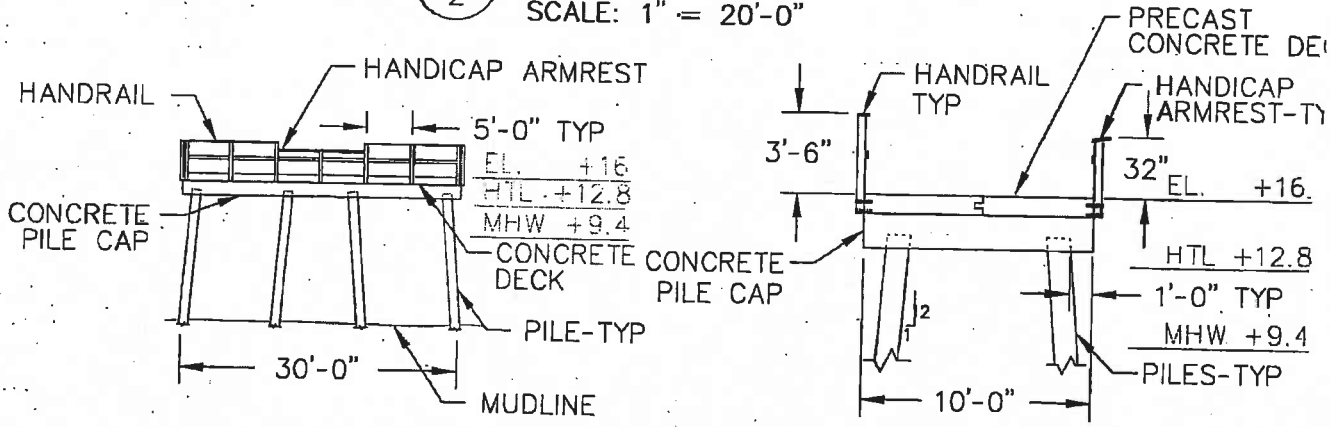
A 2 MOTHER'S REST—PLAN

SCALE: 1" = 20'-0"



B 2 SIDE ELEVATION

SCALE: 1" = 20'-0"



C 2 END ELEVATION

SCALE: 1" = 20'-0"

D 2 TYPICAL CROSS SECTIO

0 8 16

SCALE: 1/8" = 1'-0"

LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection

Date JUN 13 1997

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURRE
STRUCTURAL
No. 30951
REGISTERED
PROFESSIONAL ENGINEER

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISH PIER

0 20 40

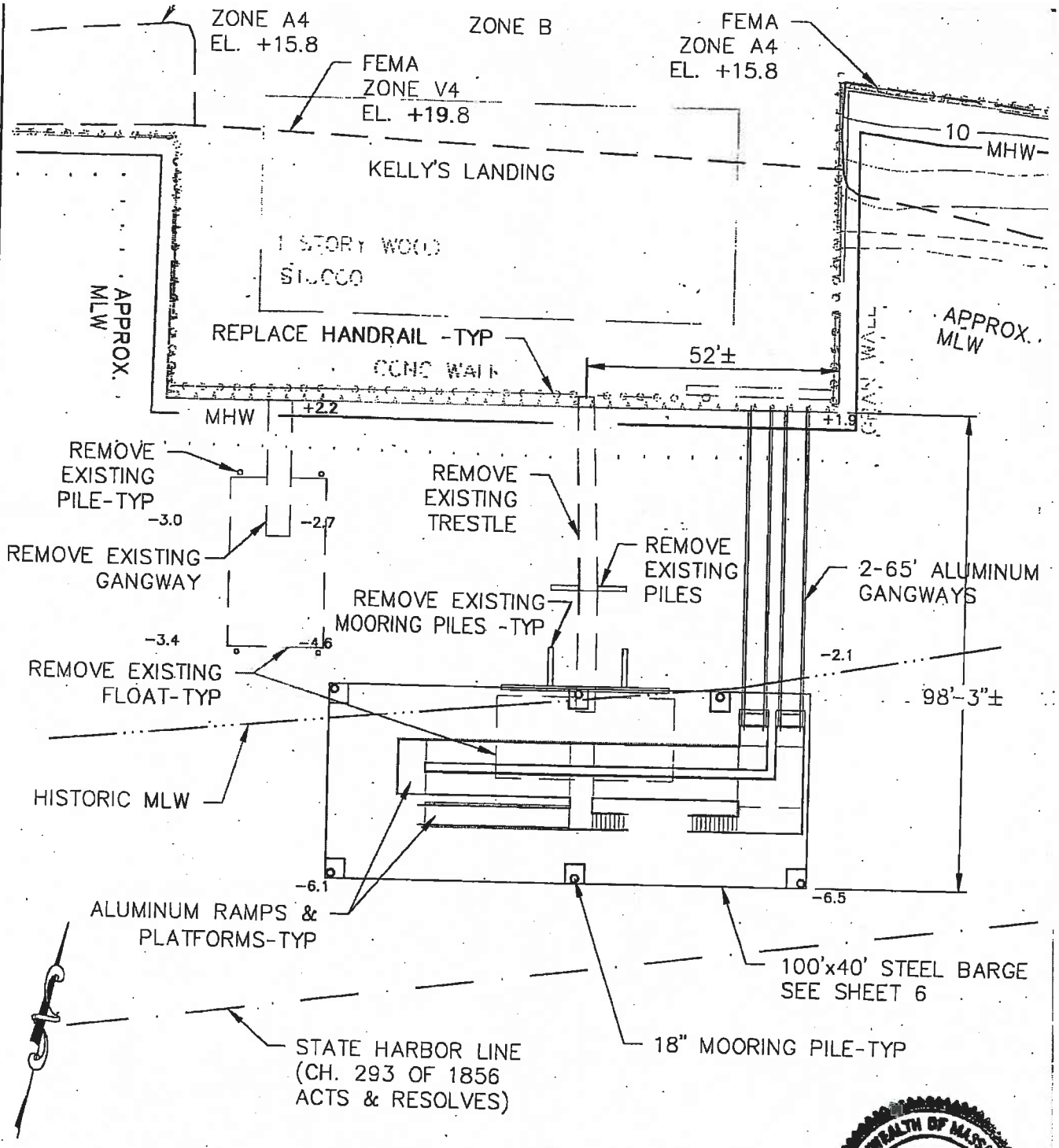
SCALE: 1" = 20'

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

100 YR. FLOOD	+19.
HTL	+12.
MHW	+9.
NGVD	+4.
MLW	0.

JANUARY 199

SHEET 4 OF 1



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30961
REGISTERED
PROFESSIONAL ENGINEER

KELLY'S LANDING PROPOSED DOCKING FACILITY—PLAN

OLD HARBOR

DORCHESTER BAY

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

0 30 60

SCALE: 1" = 30'-0"

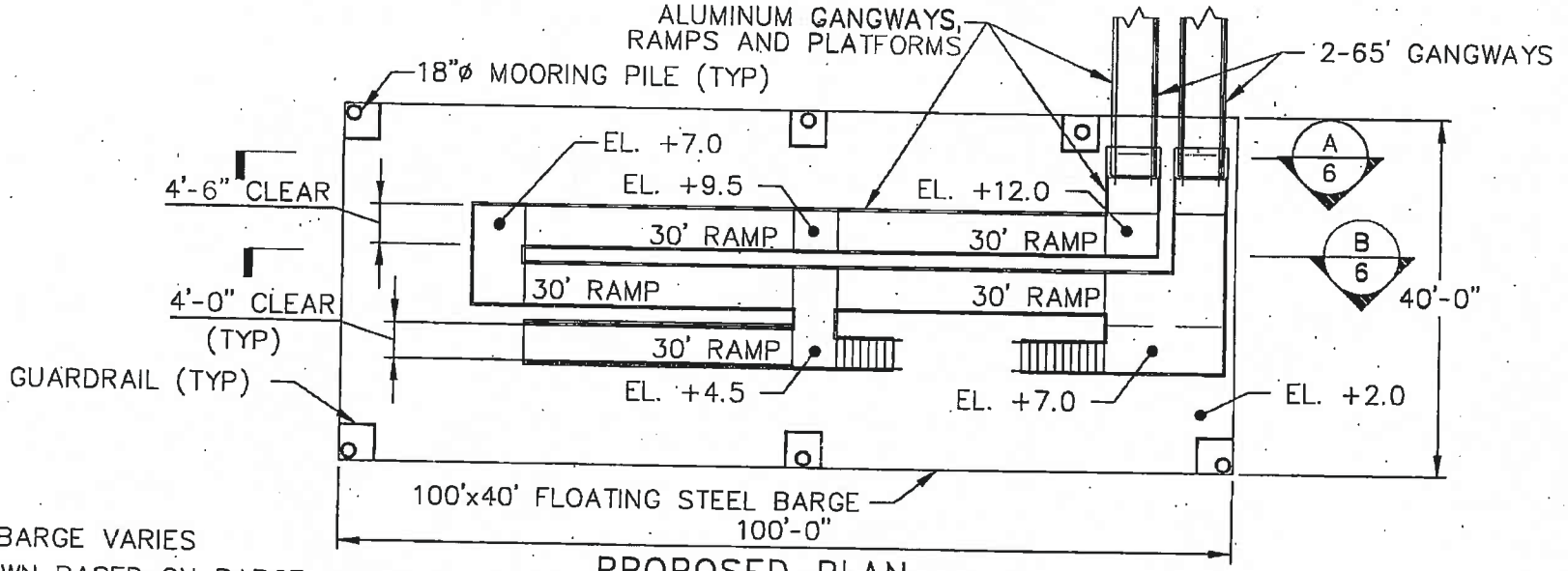
LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection
Date JUN 13 1997

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 5 OF 10

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 18 1997

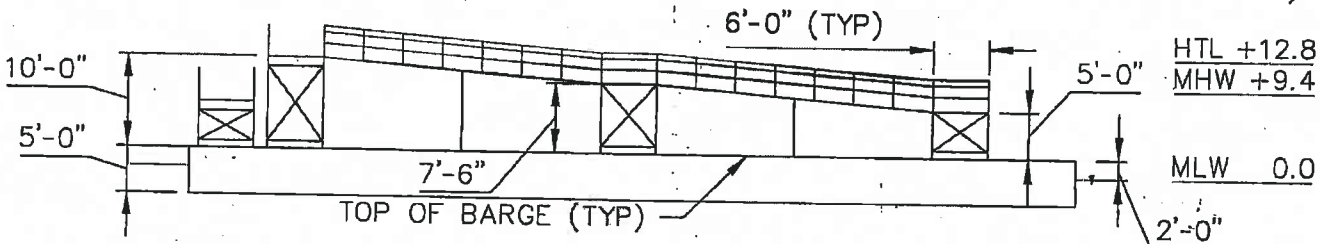


NOTE:
ELEVATION AT BARGE VARIES
ELEVATION SHOWN BASED ON BARGE @ MLW

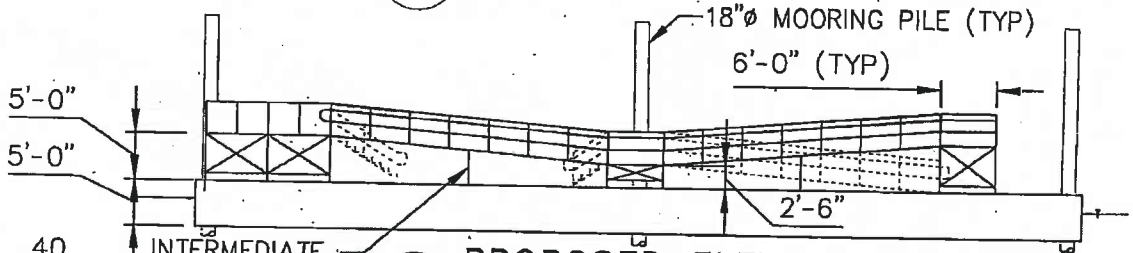
PROPOSED PLAN

OLD HARBOR/DORCHESTER BA

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-260
006-070-271-0000-100



A 6 PROPOSED ELEVATION



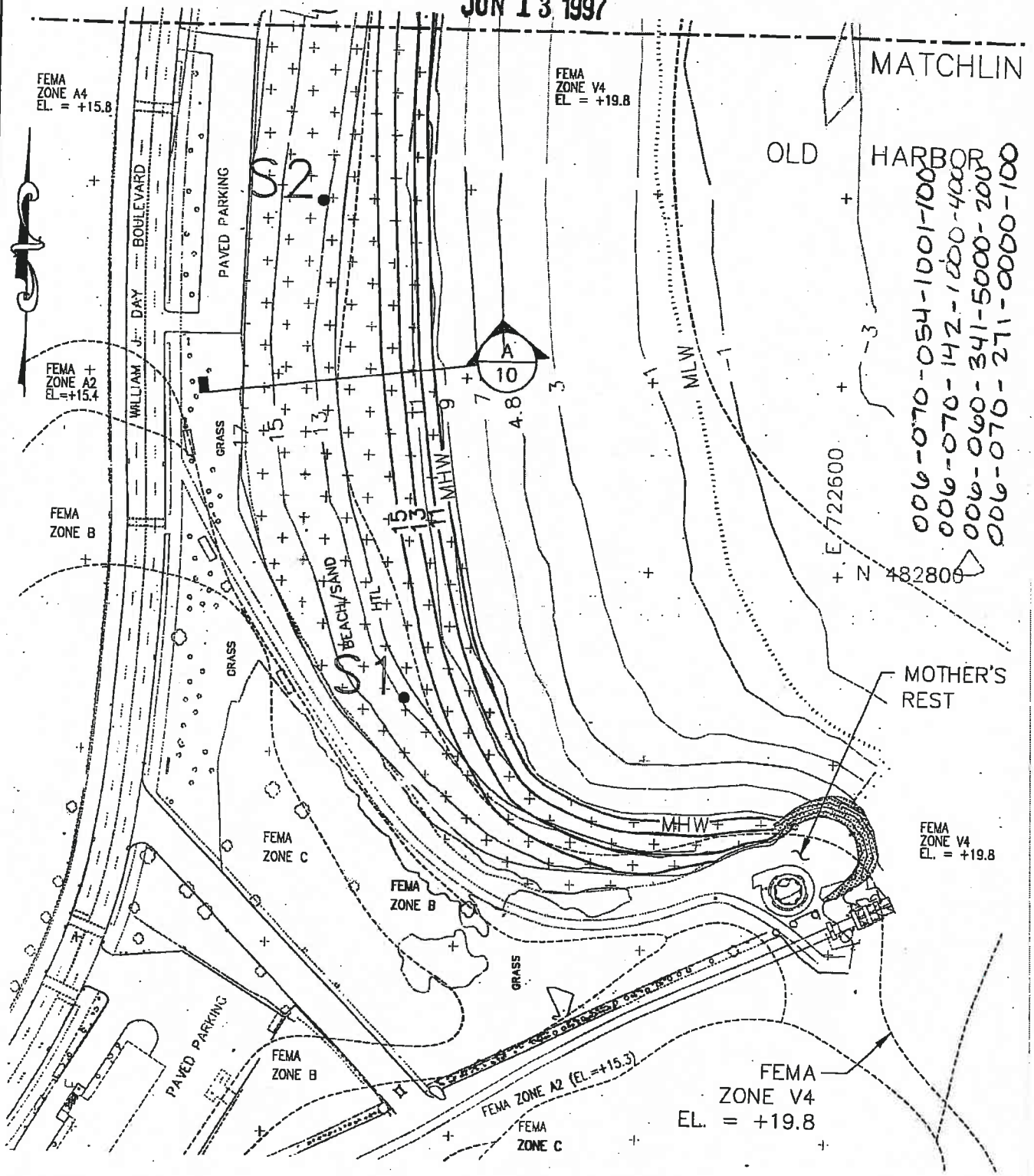
B 6 PROPOSED ELEVATION

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8

0 20 40
SCALE: 1" = 20'-0"

JANUARY 1997
SHEET 6 OF 10

Approved by Department of Environmental Protection
Date: JUN 13 1997



CARSON BEACH RESANDING AREA
TOTAL AREA = 283,000 sq.ft.
TOTAL VOLUME = 15,000 cu.yd.

BEYOND HTL
AREA = 130,000 sq.ft.
VOLUME = 10,000 cu.yd.

CARSON BEACH
PROPOSED RESANDING—PLAN

0 150 300

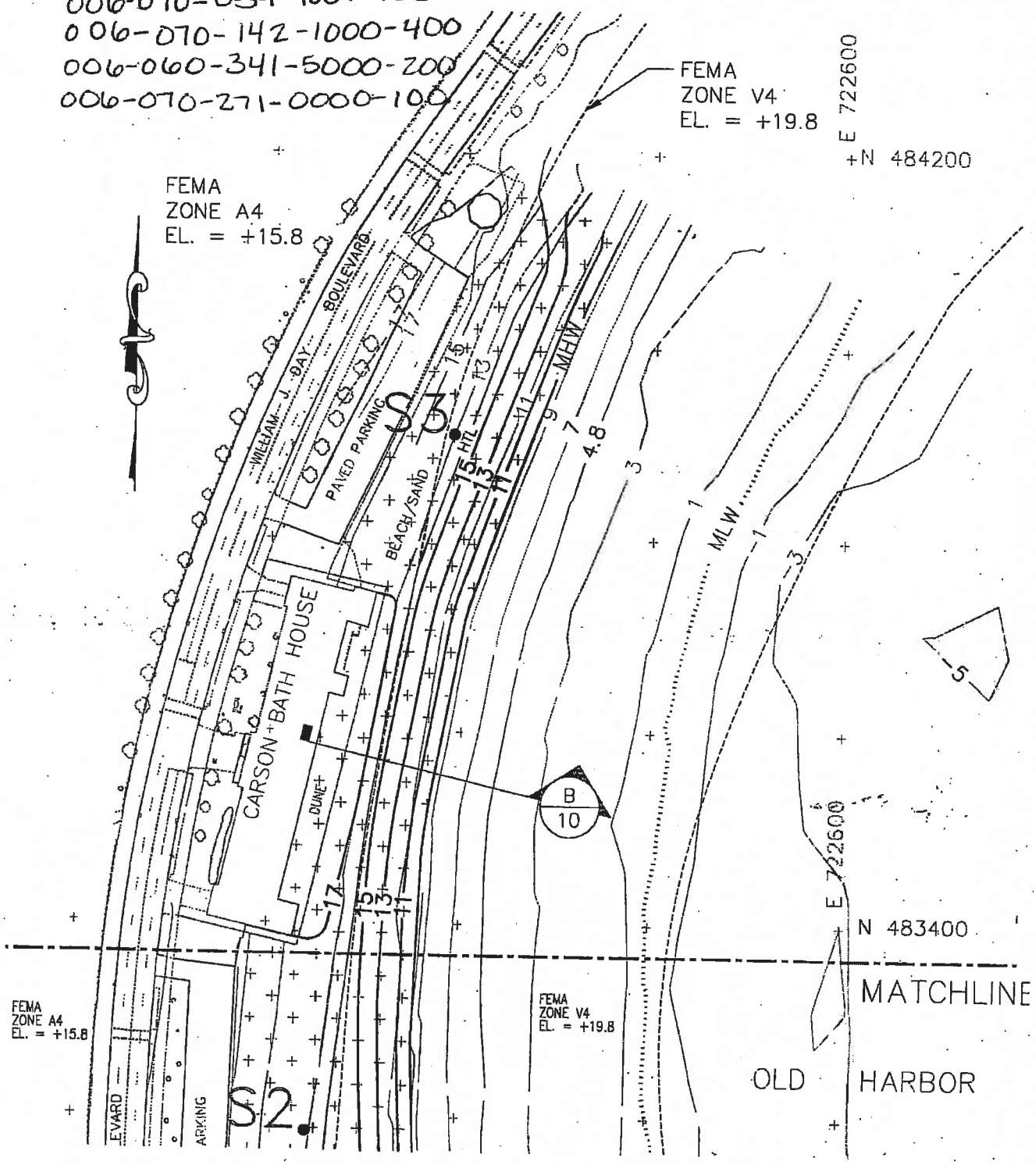
SCALE: 1" = 150'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURRE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0

JANUARY 1997
SHEET 7 OF 10

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

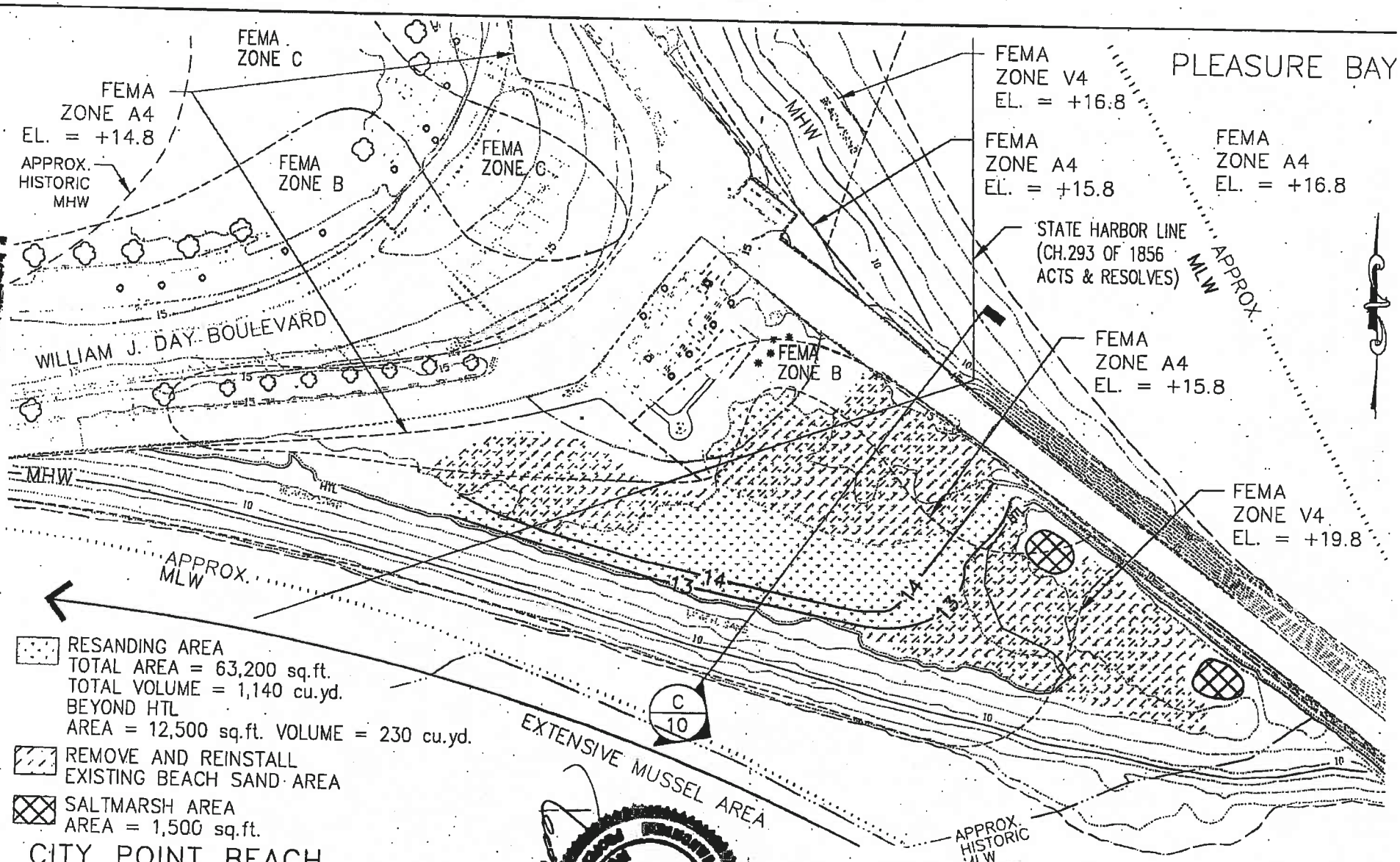
CARSON BEACH
PROPOSED RESANDING—PLAN

0 150 300

SCALE: 1" = 150'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 31661
REGISTERED
PROFESSIONAL ENGINEER

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0
JANUARY 1997
SHEET 8 OF 10



LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date JUN 13 1997

CITY POINT BEACH
PROPOSED RESANDING—PLAN

0 100 200

SCALE: 1" = 100'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURRE
No. 35561
STRUCTURAL
REGISTERED PROFESSIONAL ENGINEER

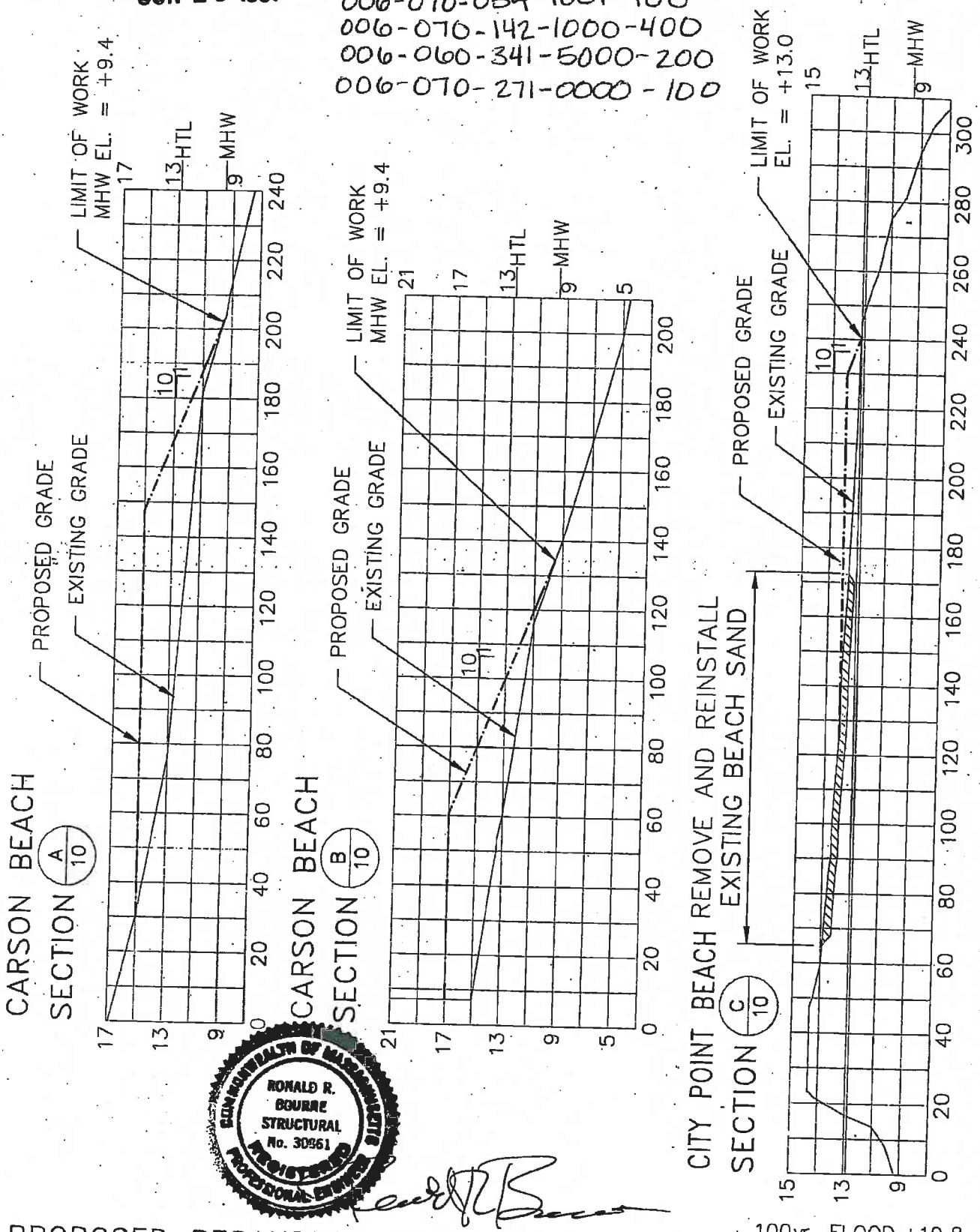
006-070-[illegible]-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

100yr. FLOOD	+19.8
HTL	+12.8
MHW	+9.4
NGVD	+4.8
MLW	+0.0

JANUARY 1997
SHEET 9 OF 10

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



RONALD R. BOURRE
STRUCTURAL
No. 30961
REGISTERED
PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

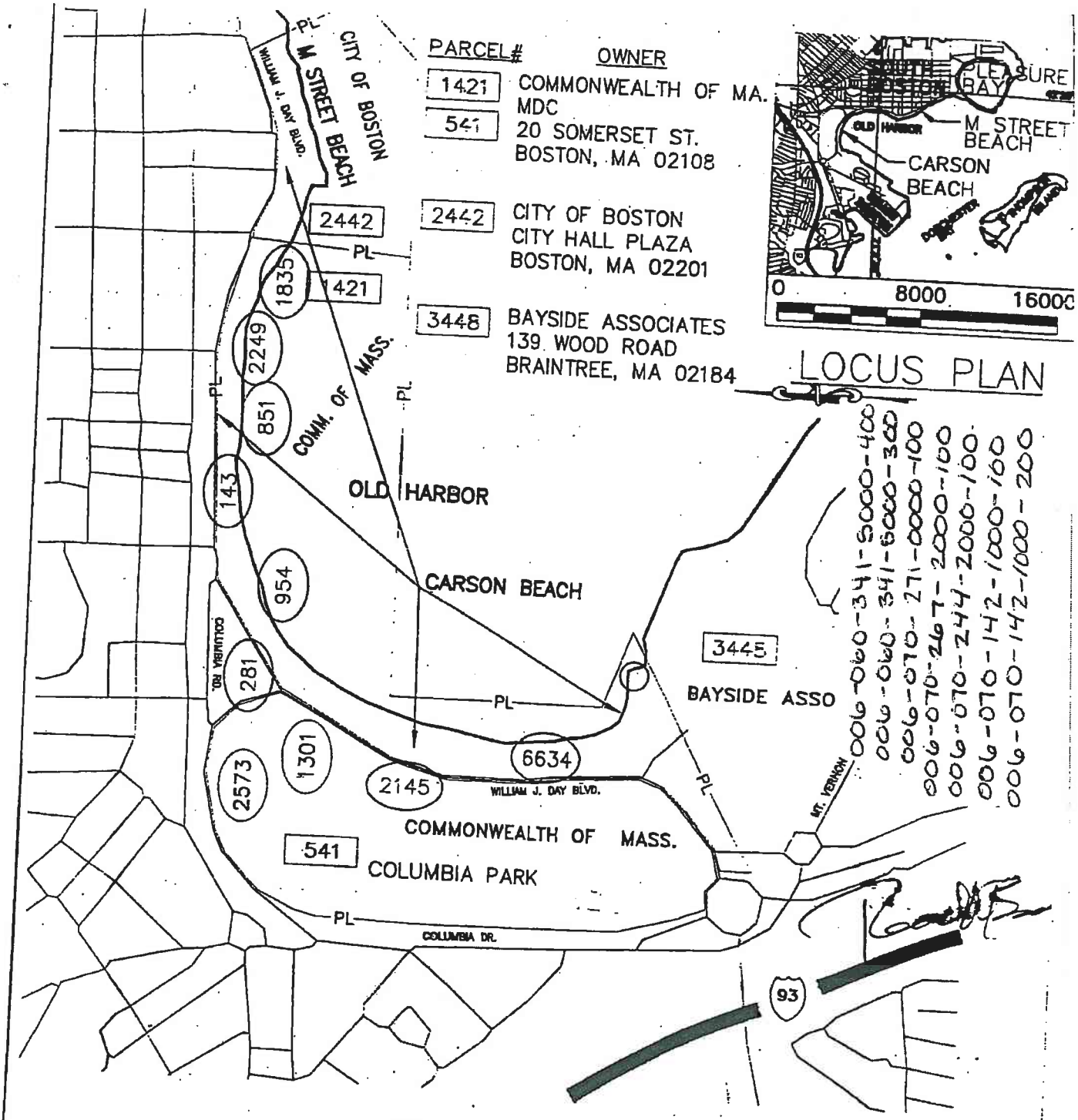
PROPOSED RESANDING-CROSS SECTION

HORIZONTAL SCALE
0 40 80
SCALE: 1" = 40'-0"

VERTICAL SCALE
0 10 20
SCALE: 1" = 10'-0"

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0

JANUARY 1997
SHEET 10 OF 10



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

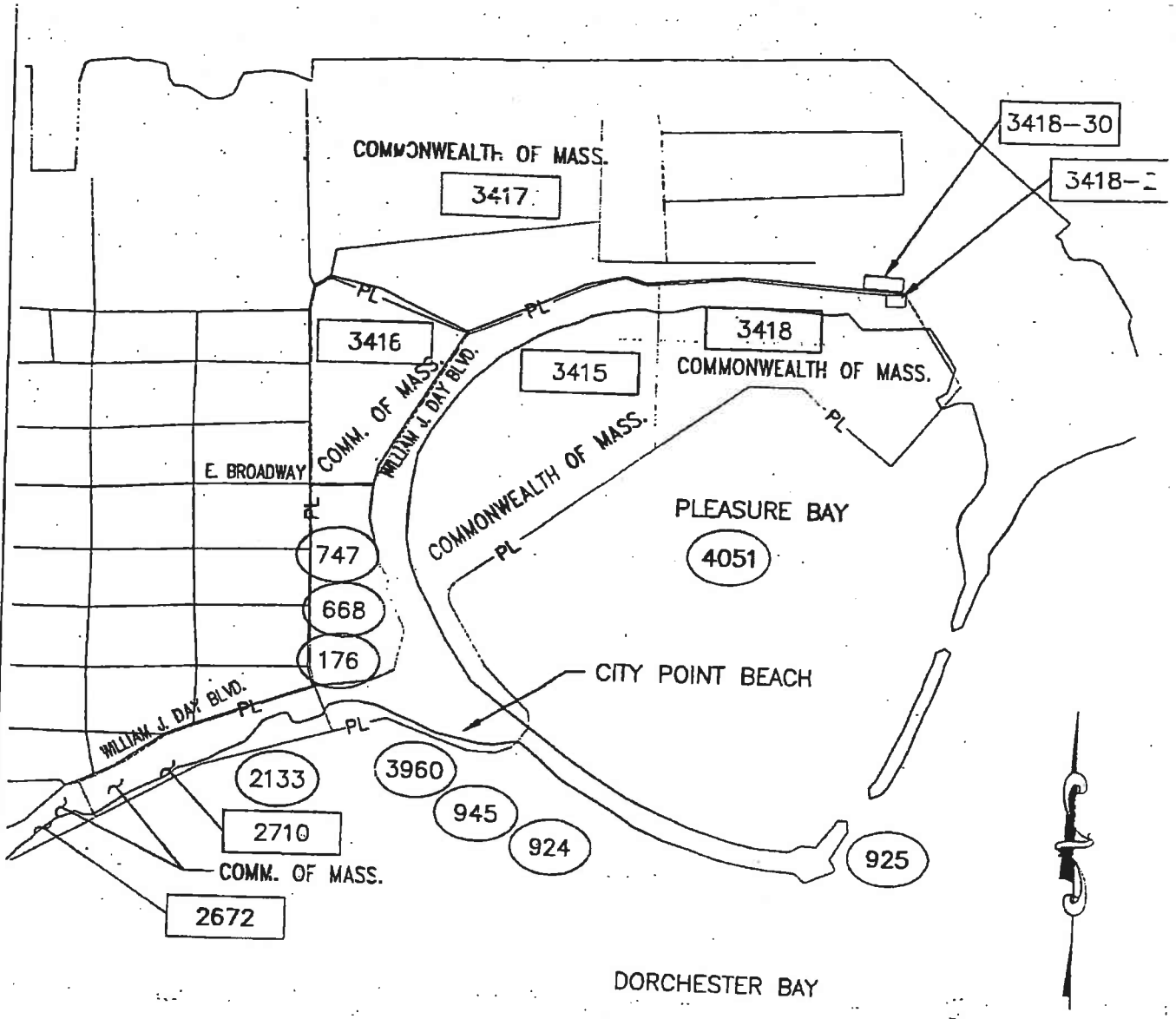
(2145) PREVIOUS CH. 91 LICENSES

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 1A OF 24

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN PUBLIC ACCESS FACILITIES INCLUDING BOARDWALKS & BEACH ENTRANCES & RECONSTRUCT SIDEWALKS, SITE WALLS & PARKING LOTS.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Commonwealth of Massachusetts
JUL 21 1998
for James Sprague



PARCEL #	
2672	2710
3415	3416
3417	3418
3418–2	3418–30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 7386

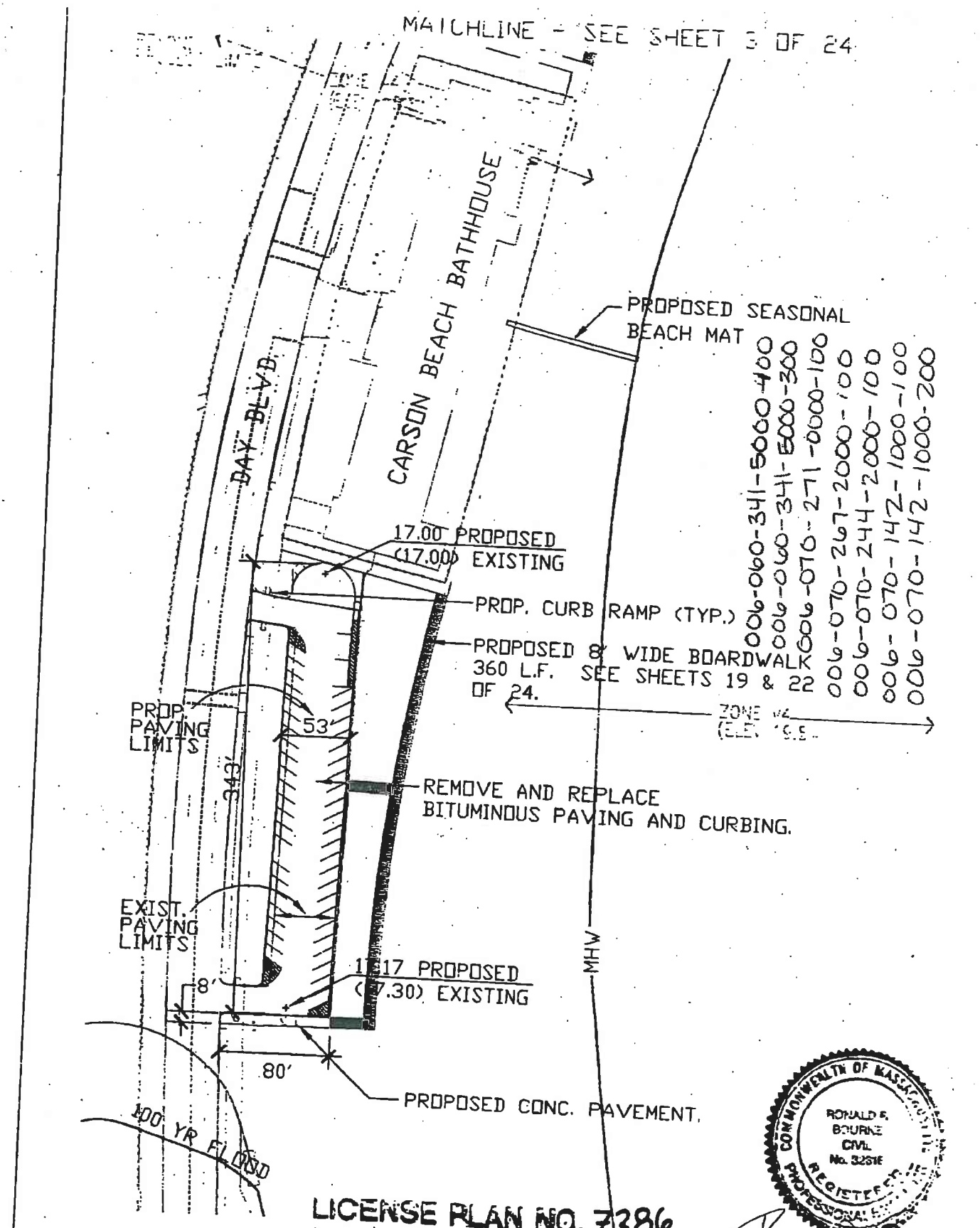
Approved by Department of Environmental Protection

Date JUL 21 1998

100yr. FLOOD +19.6
MHW +9.4
MSL +4.6
MLW +0.0

FEBRUARY 1998

SHEET 1E OF 2



LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: JUL 21 1998

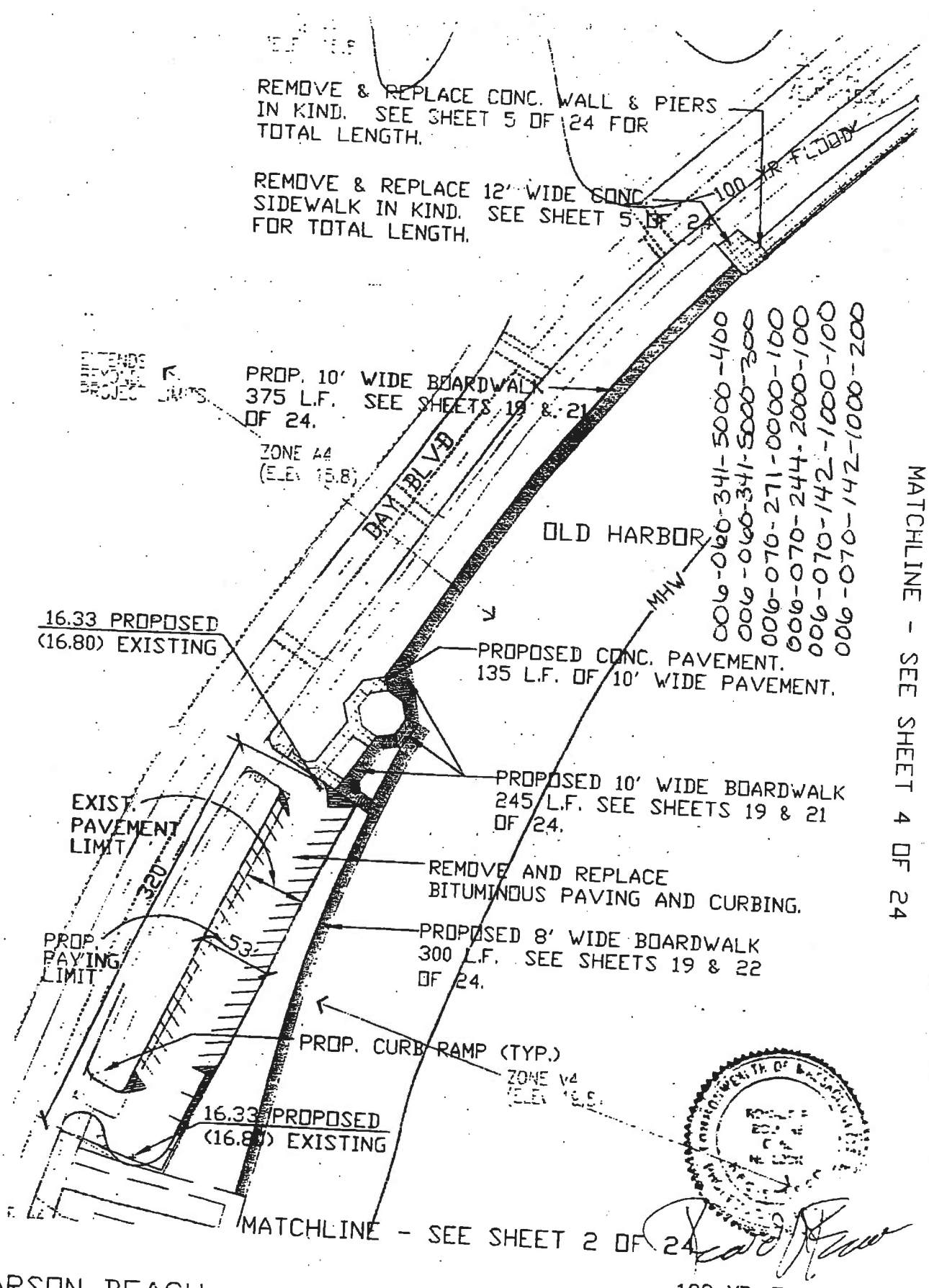
COMMONWEALTH OF MASSACHUSETTS
RONALD F. BOURKE
CIVIL
No. 32516
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE 1"=100'-0"

100 YR. FLOOD +19.
MHW +9
MSL +4
MLW +0

FEBRUARY 199



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

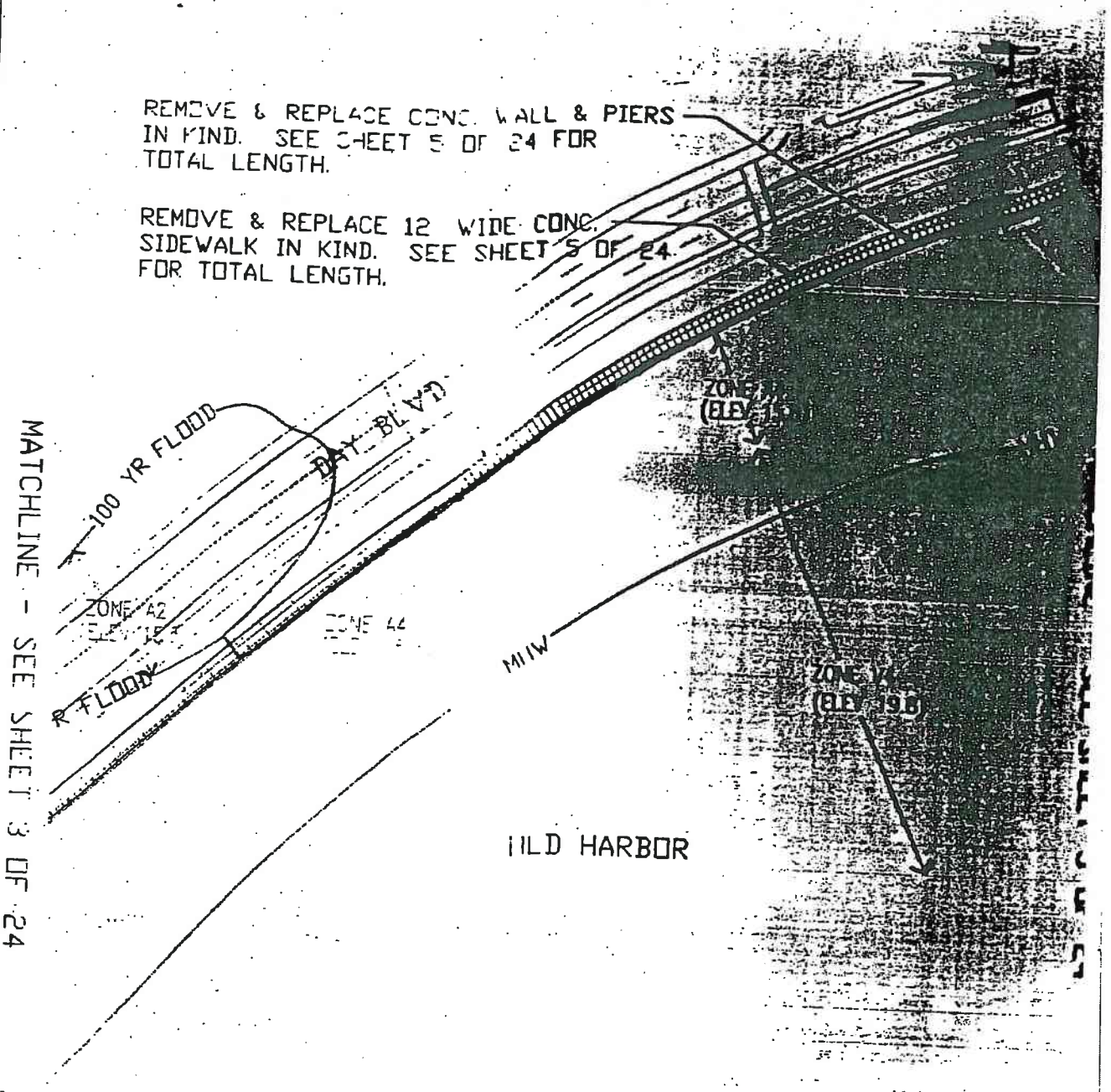
0 100 200

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection
Date: JUL 21 1998

FEBRUARY 199



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006-060-341-5000-300
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006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

CARSON BEACH
PROPOSED CONSTRUCTION PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +
MSL +
MLW +

FEBRUARY 19
SHEET 4 OF

006-060-341-5000-400
006-060-341-5000-300
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006-070-267-2000-100
006-070-244-2000-100
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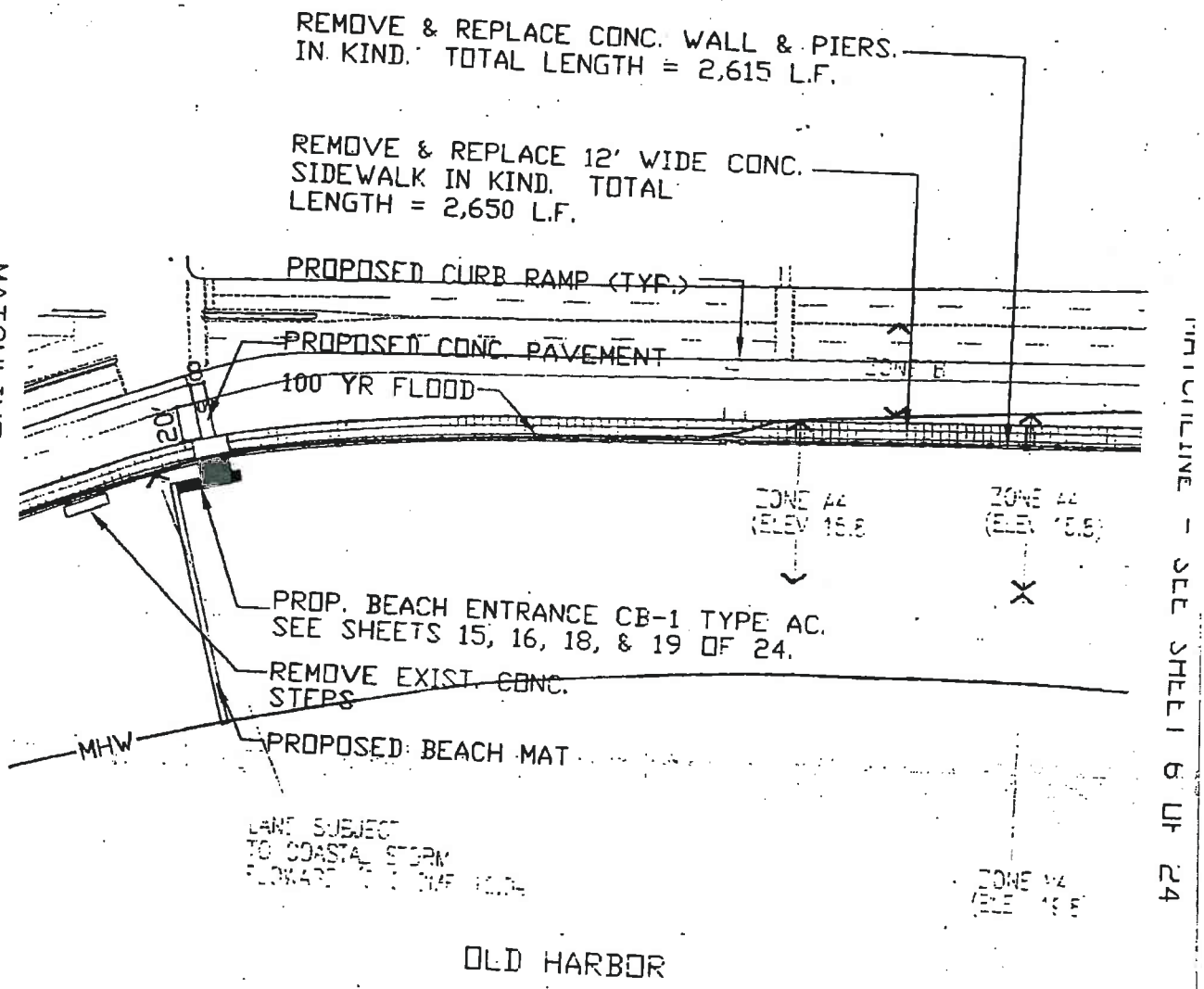

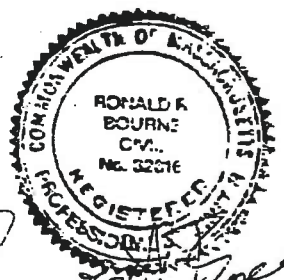

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998

006-060-341-5000-400
006-060-341-5000-300
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006-070-267-2000-100
006-070-244-2000-100
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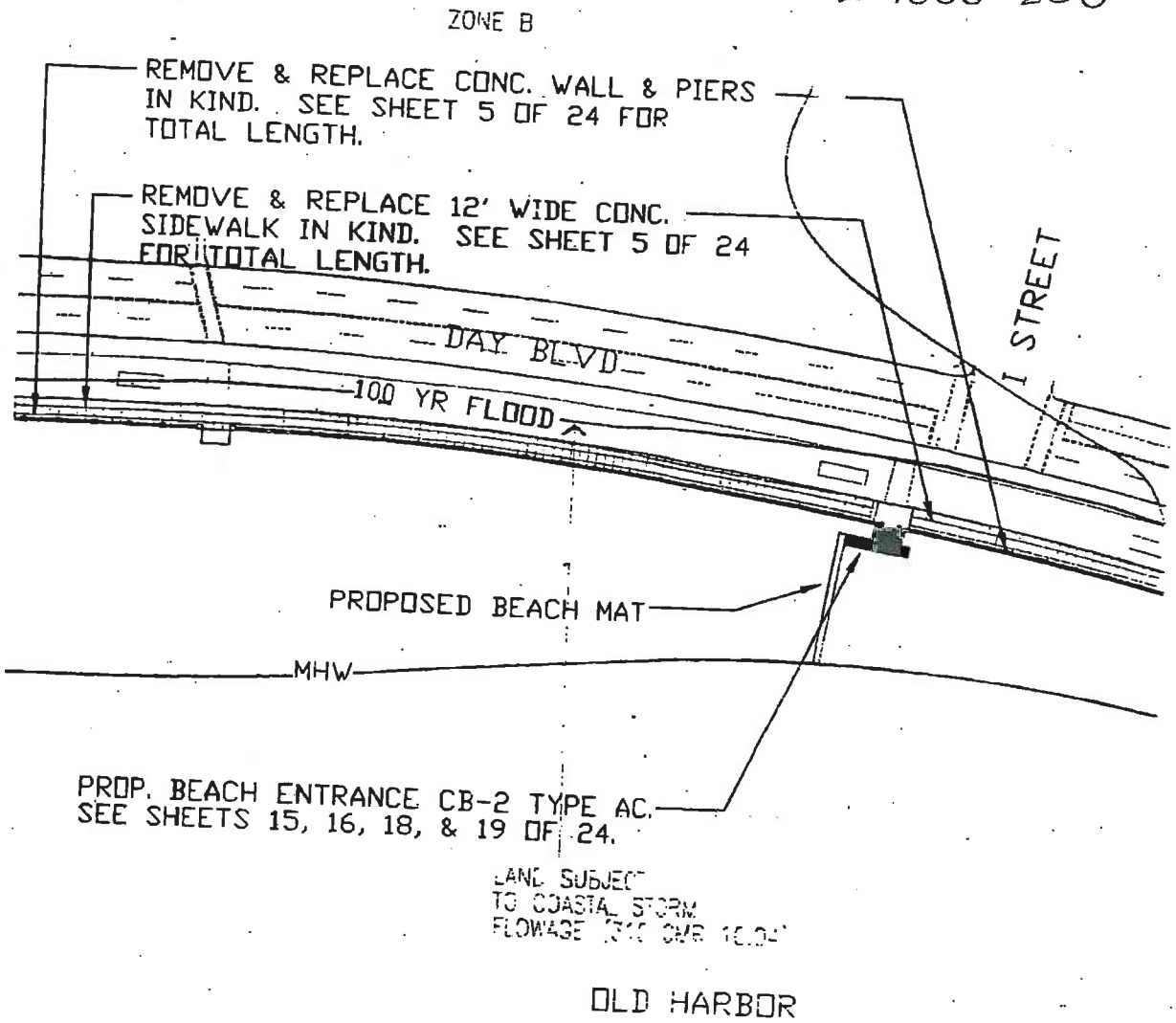
006-070-142-1000-200



MATCHLINE - SEE SHEET 5 OF 24

MATCHLINE - SEE SHEET 1 OF 24

COMMONWEALTH OF MASSACHUSETTS
RONALD F BOURNE
CIVIL
NO. 32216
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

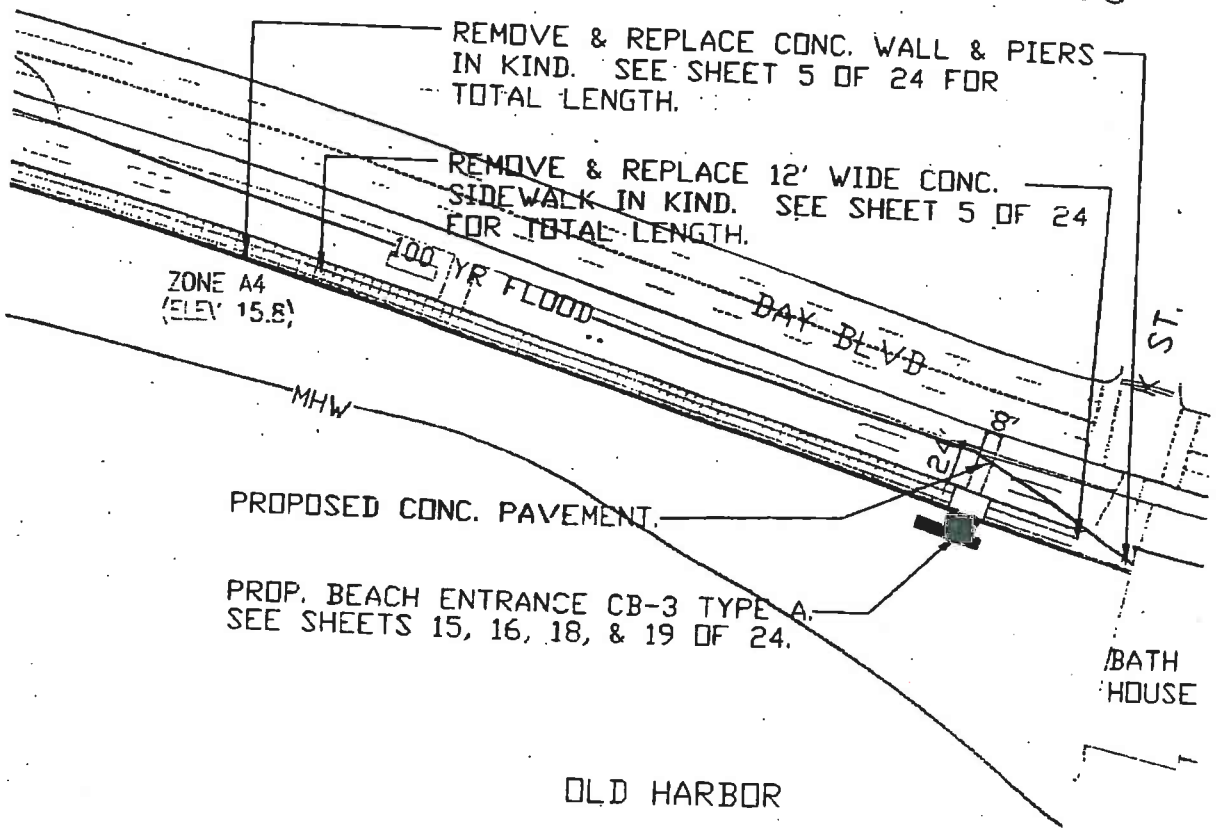
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO 7386
APPROVED BY Department of Environmental Protection
Date: OCT 9 1998

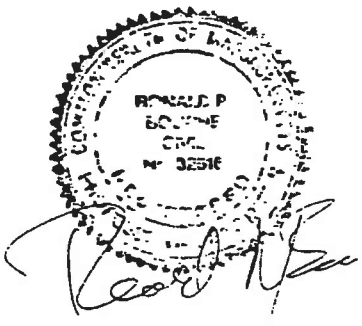
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 6 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 6 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
[illegible] 6 1990

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 7 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
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006-070-142-1000-100
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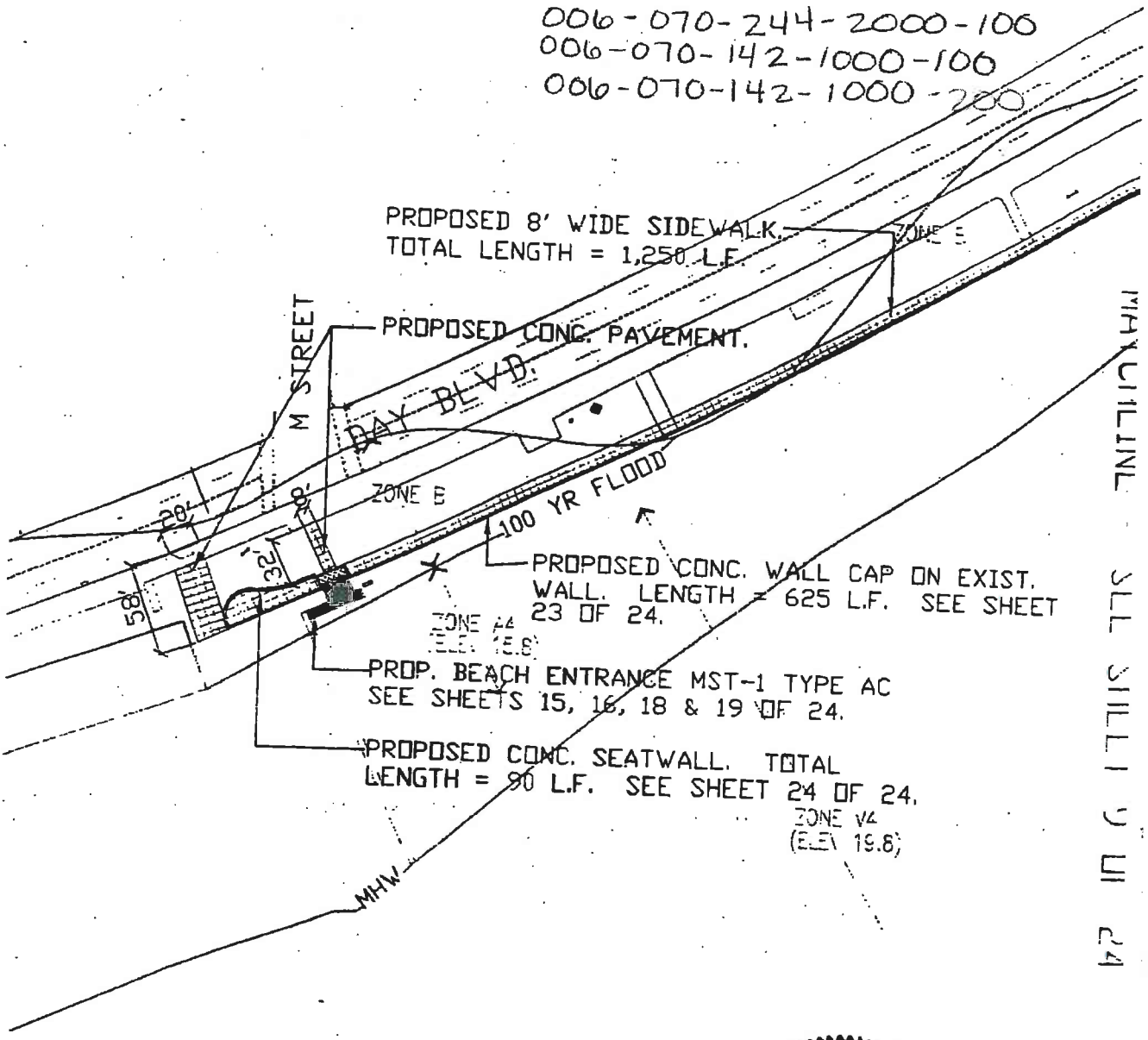

MAXIMUM SHEET SIZE 24

COMMONWEALTH OF MASSACHUSETTS
RONALD R. EOURNE
CIVIL
No. 32618
REGISTERED PROFESSIONAL ENGINEER

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: [illegible]

100 YR. FLOOD +19.[illegible]
MHW +9.[illegible]
MSL +4.[illegible]
MLW +0.[illegible]

FEBRUARY 199[illegible]
SHEET [illegible] OF [illegible]

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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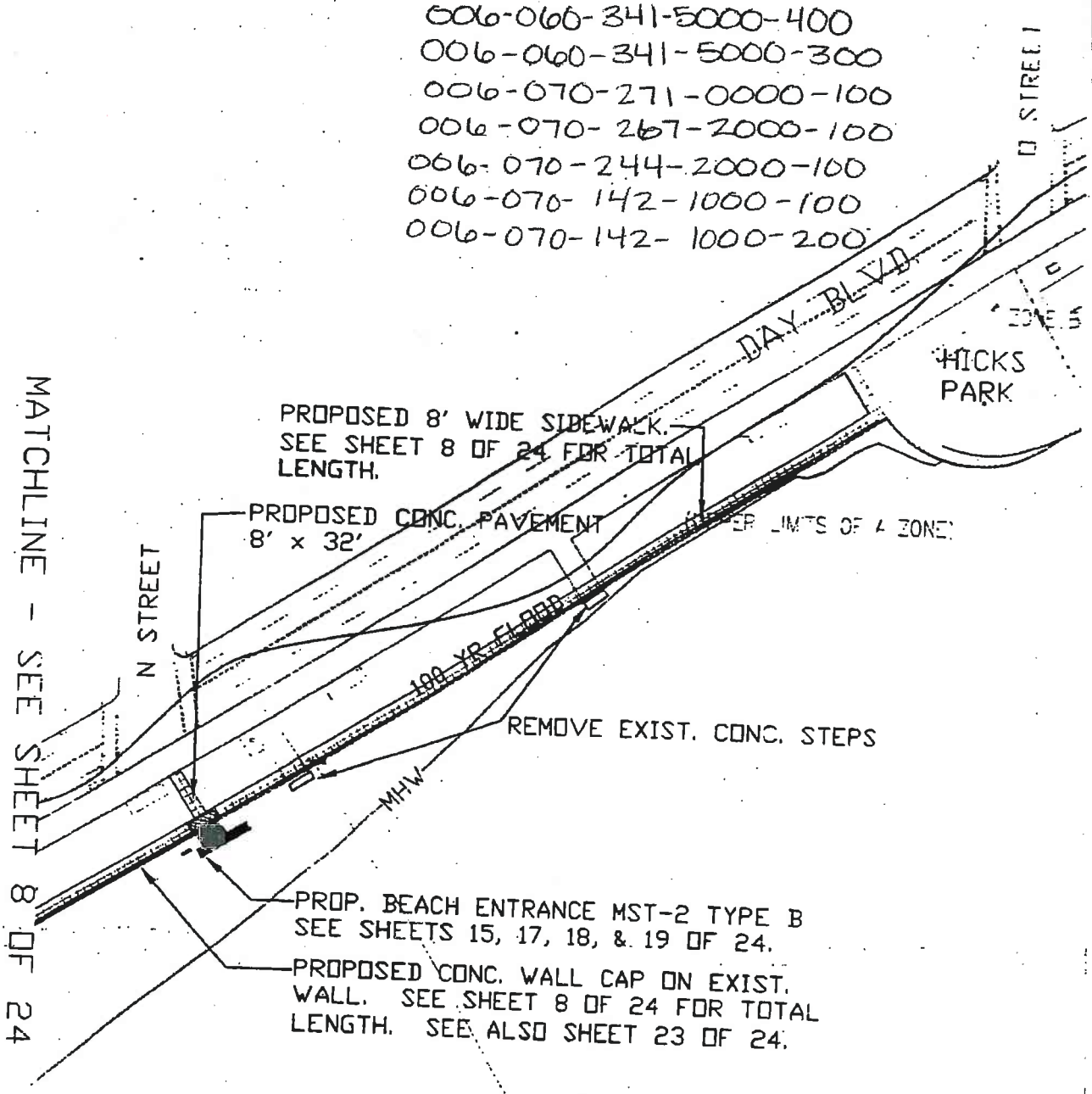
006-070-142-1000-200



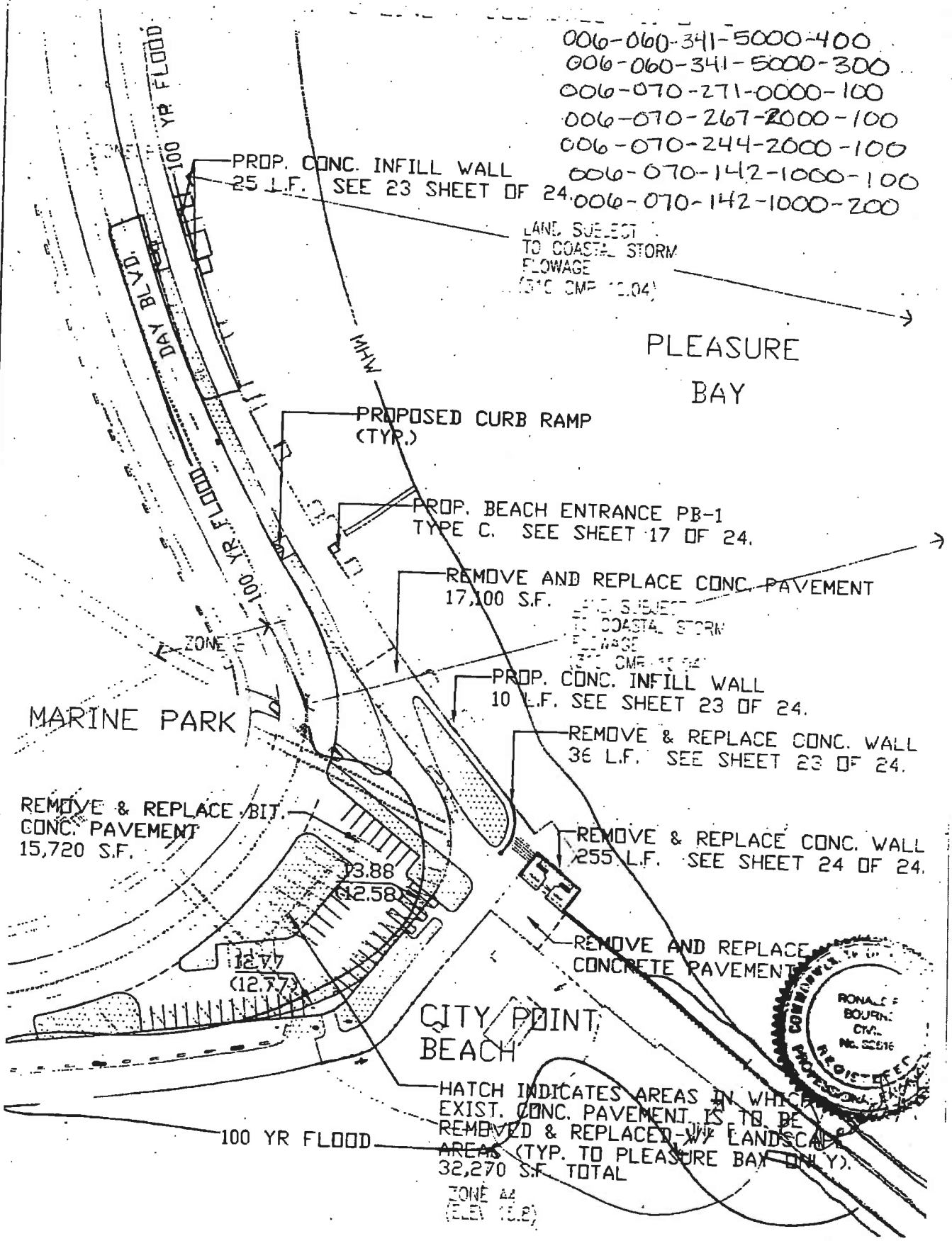
100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

FEBRUARY 199
SHEET 9 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

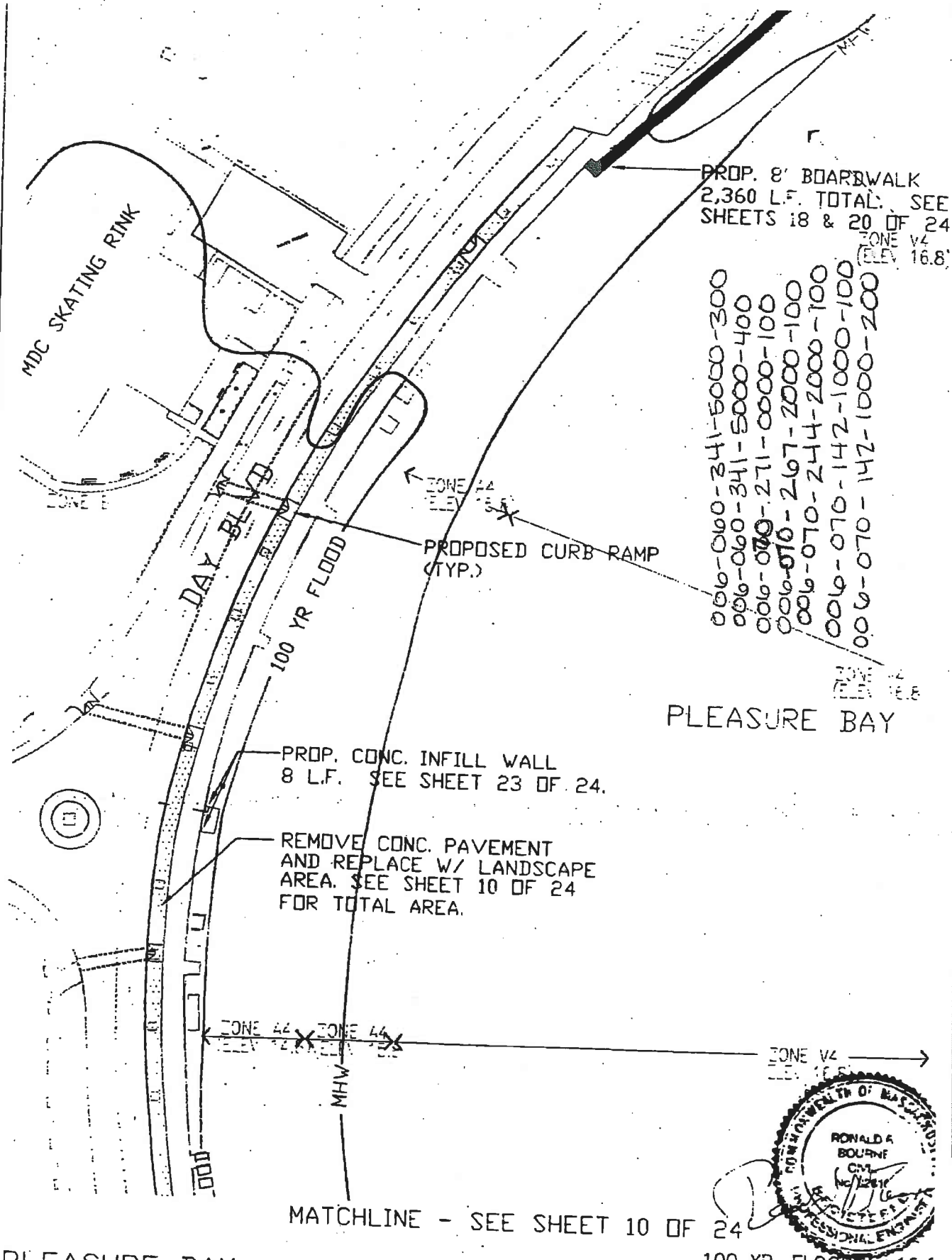
SCALE 1"=100-0"

LICENSE PLAN NO. 7386

Date: 11 11 9 1 1998

100 YR. FLOOD	+19
MHW	+9
MSL	+4
MLW	+0

FEBRUARY 199!
SHEET 10 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

Date: 9-4-1998

FEBRUARY 1998

SHEET 11 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
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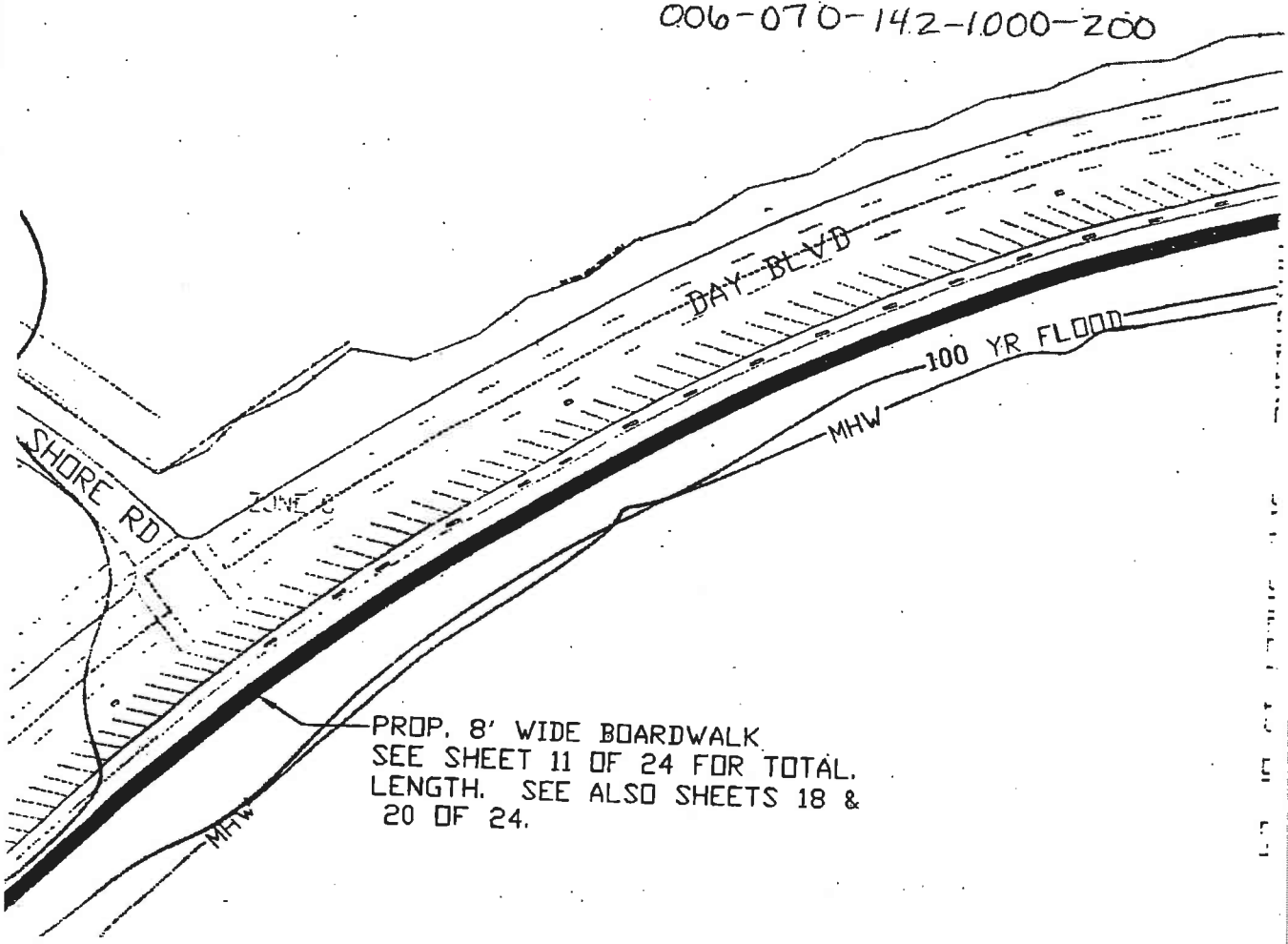
006-070-142-1000-200



PROP. 8' WIDE BOARDWALK
SEE SHEET 11 OF 24 FOR TOTAL LENGTH. SEE ALSO SHEETS 18 & 20 OF 24.

MATCHLINE - SEE SHEET 11 OF 24

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100'-0"

CHANGE PLAN NO. 7386

Approved by Department of Environmental Protection

Date of Approval

100 YR. FLOOD	+19.8
MHW	+9.4
MSL	+4.8
MLW	+0.0

FEBRUARY 1998
SHEET 12 OF 2-

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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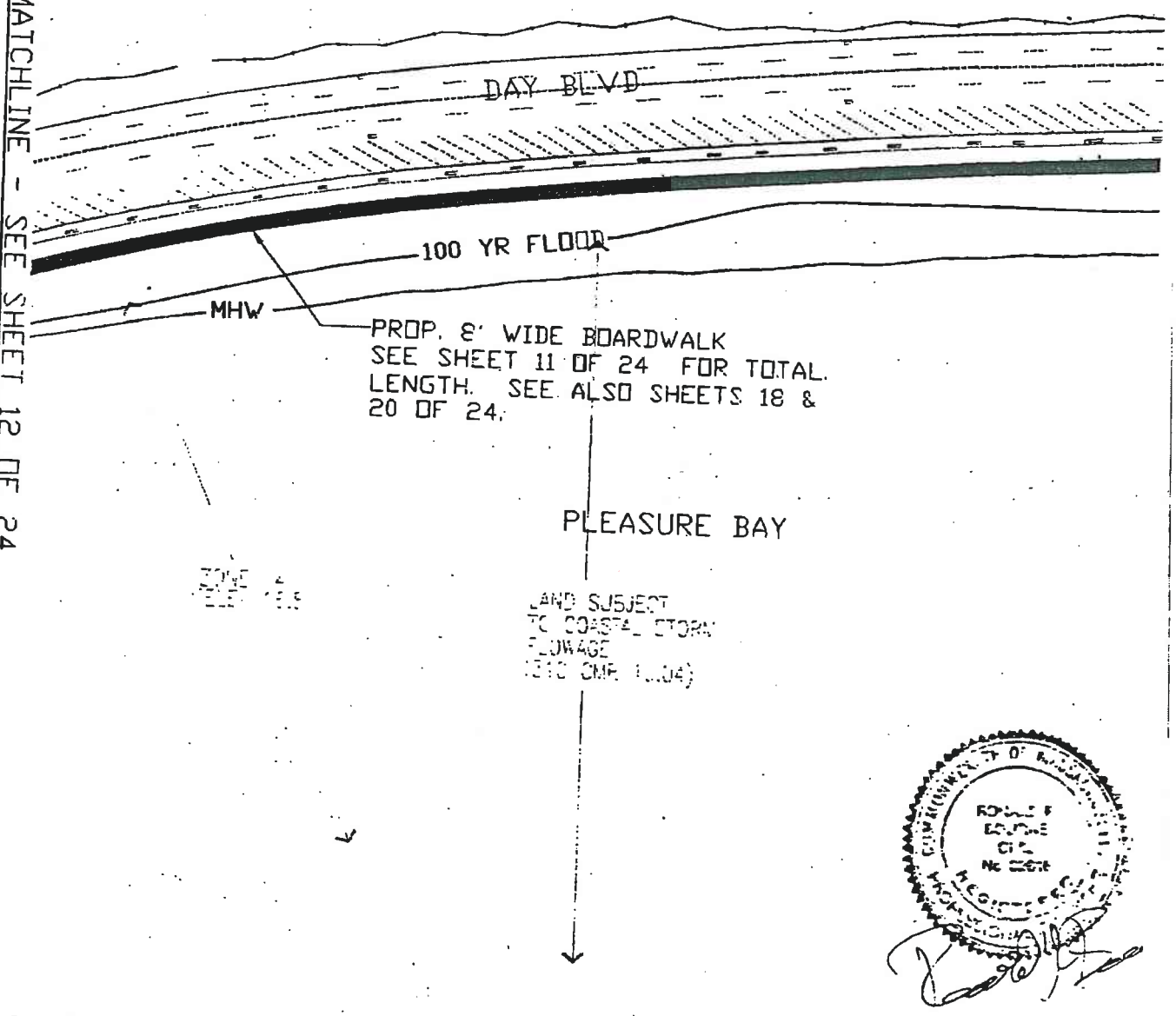
006-070-142-1000-200



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 13 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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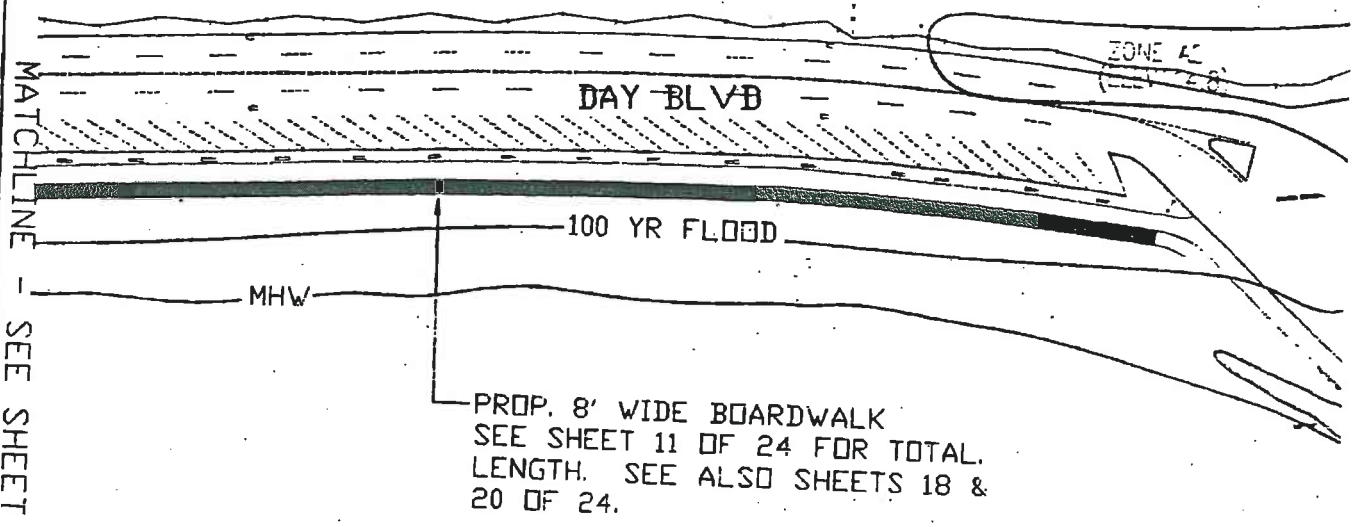
006-070-142-1000-200



PLEASURE BAY

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
CIVIL
REGISTERED

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

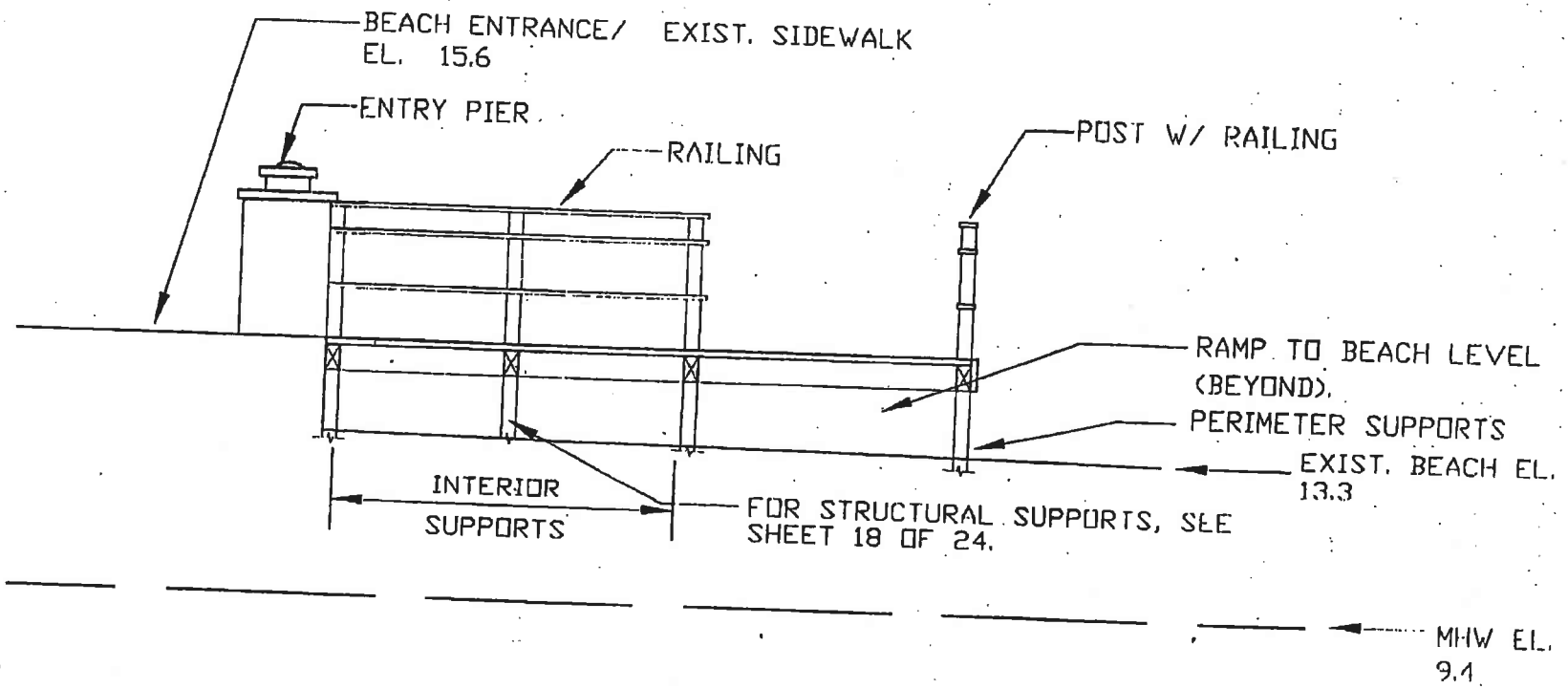
LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
Date: 6/4/1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 14 OF 2

BEACH ENTRANCE - SECTION VIEW

SCALE: 1/4"=1'-0"



1/15 SECTION OF BEACH ENTRANCE

SECTION SHOWN IS OF THE BEACH ENTRANCE AT LOWEST ELEVATION (CLOSEST TO MHW)

NOTE: ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE NOTED.

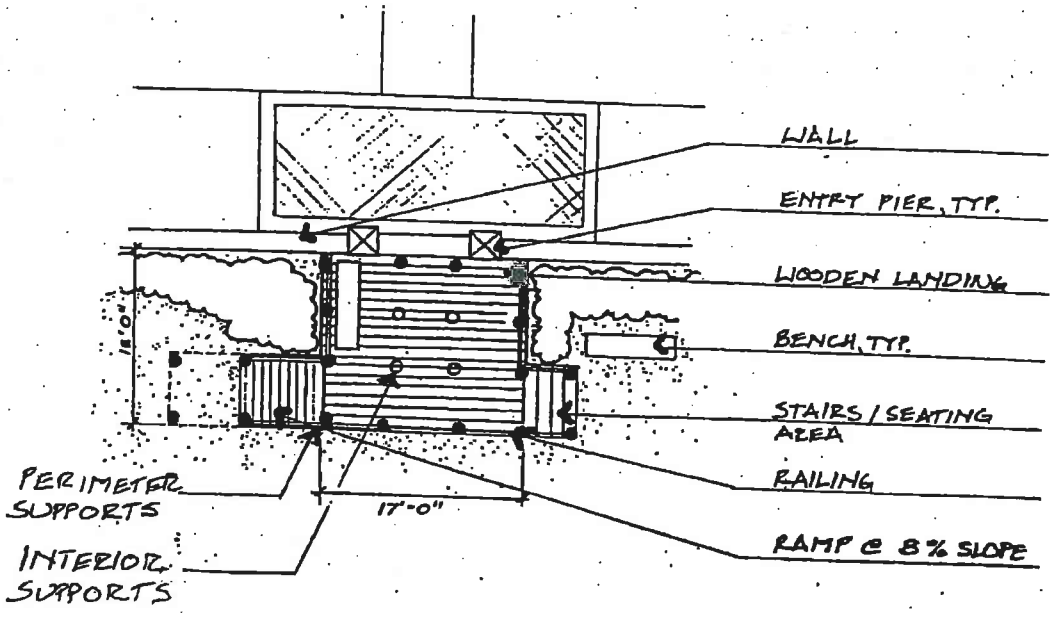
006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

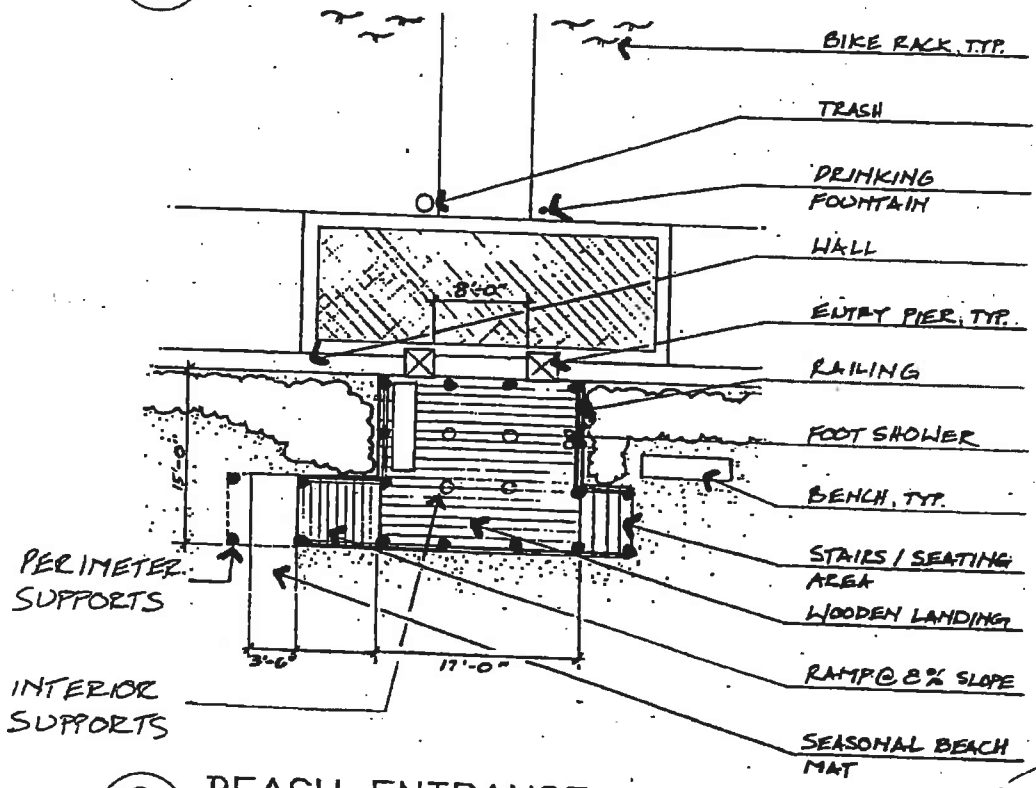
LICENSE PLAN NO 7386

JUL 21 1998

FEBRUARY 1998
SHEET 15 OF 24



1/16 BEACH ENTRANCE TYPE A



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/16 BEACH ENTRANCE TYPE AC

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

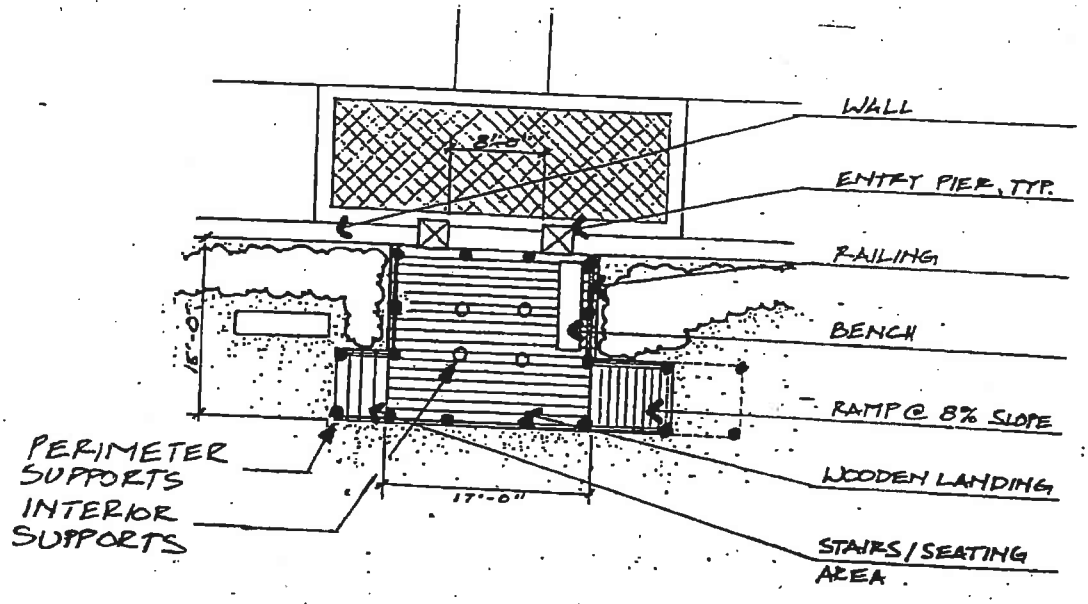
LICENSE PLAN NO. 7386

Reviewed by Department of Environmental Protection

Date: [illegible] 9 4 2008

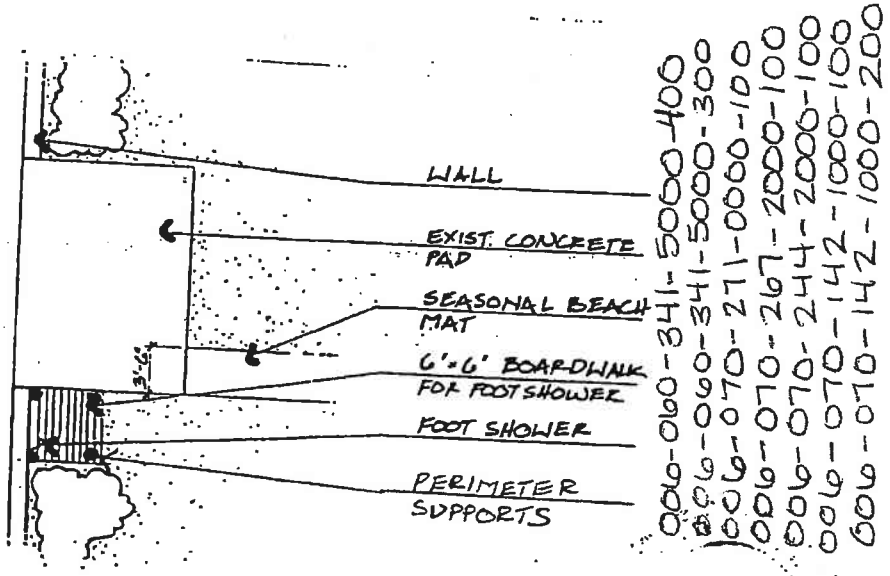
FEBRUARY 199[illegible]

SHEET [illegible]



1/17 BEACH ENTRANCE TYPE B

ONE @ M-STREET ONLY



2/17 BEACH ENTRANCE TYPE C

ONE @ PLEASURE BAY ONLY

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

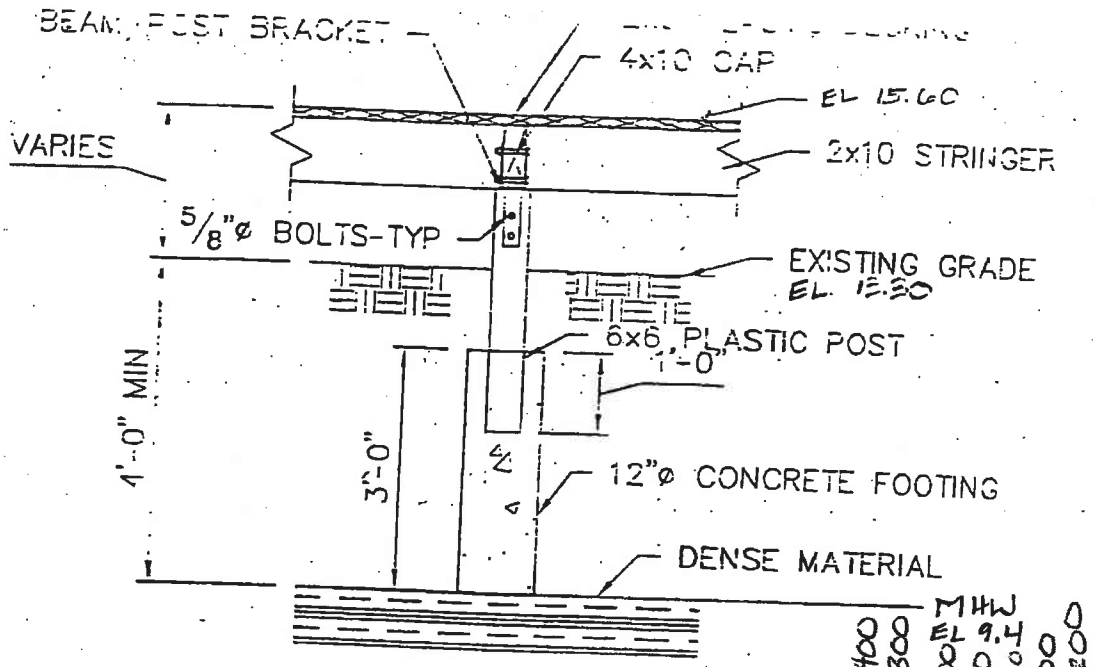
LICENSE PLAN NO. 7386

Coastal Zone Department of Environmental Protection

DATE: JUL 21 1998

FEBRUARY 1998

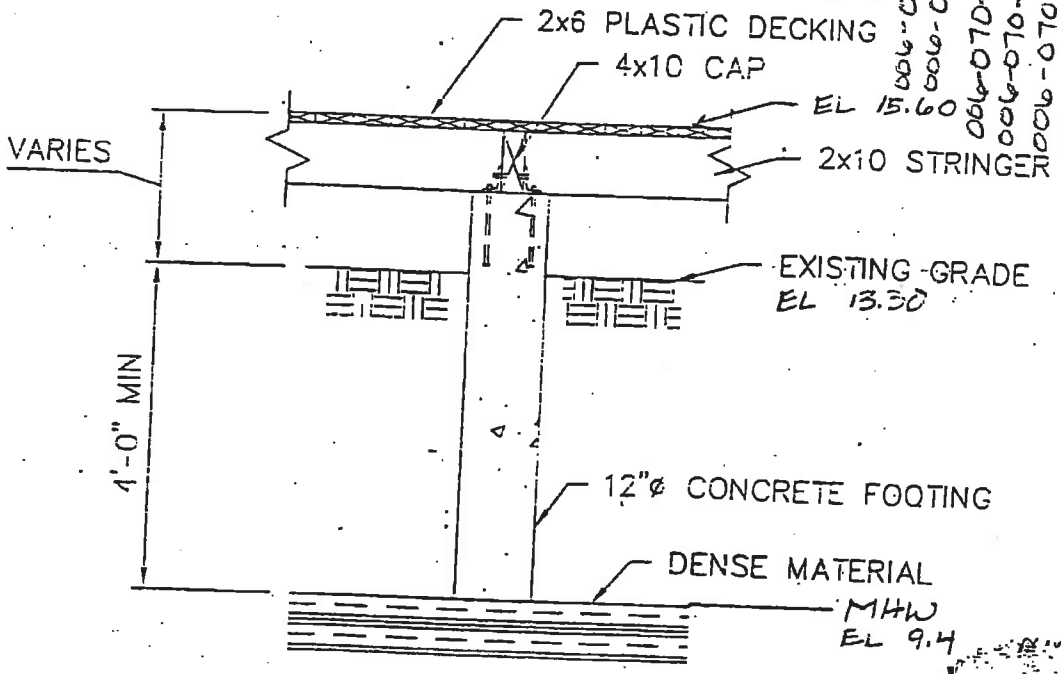
SHEET 17 OF 24



NOTE: SUPPORT SHALL BE USED ALONG OUTSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

1/18 BEACH ENTRANCE PERIMETER SUPPORT

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-247-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: SUPPORT SHALL BE USED ALONG INSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

2/18 BEACH ENTRANCE INTERIOR SUPPORT

BEACH ENTRANCE DETAILS
PLAN VIEW

0 1 2 4

SCALE: 1/2"=1'-0"

LICENSE PLAN NO. 7386

Division of Department of Environmental Protection

JSR 9 1 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

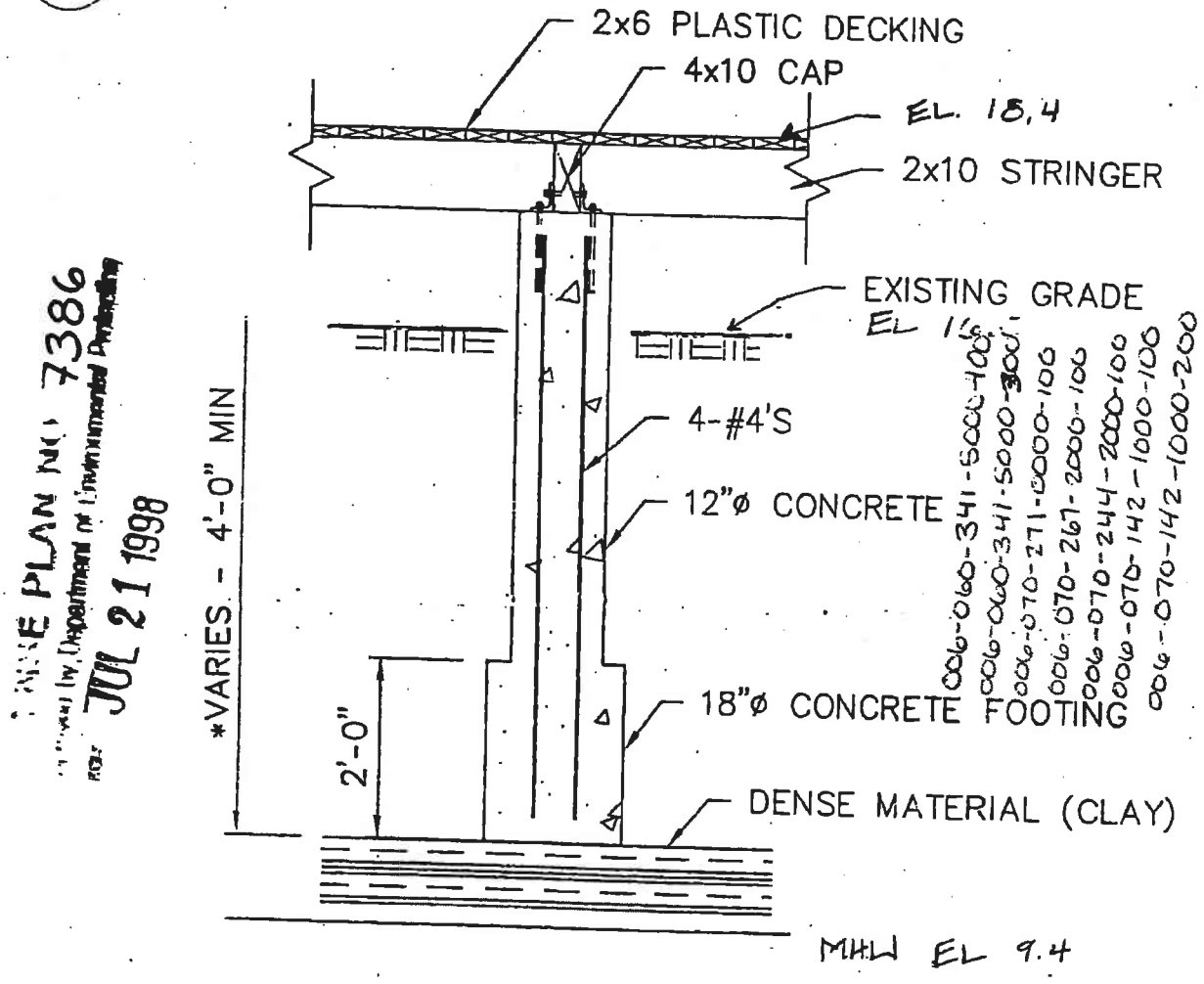
FEBRUARY 1998

SHEET 18 OF 24

NAME	TYPE	EXIST. GRADE @ WALK	EXIST. GRADE @ BEACH	DIFFERENCE IN ELEV.	RAMP LENGTH* L. F.
CB-1	AC	20.50	19.10	1.40	23.75
CB-2	AC	17.10	15.80	1.30	22.50
CB-3	AC	19.95	17.90	2.05	31.87
MST-1	AC	15.30	14.00	1.30	22.50
MST-2	B	15.60	13.30	2.30	35.00

*RAMP LENGTH INCLUDES THE DISTANCE REQUIRED TO EXTEND 6" BELOW CURRENT BEACH GRADE.

1/19 BEACH ENTRANCE ELEVATION MATRIX



PLAN No. 7386
Reviewed by Department of Environmental Protection
JUL 21 1998

*NOTE: DEPTH OF FOOTING VARIES FROM 4' MIN TO 7' MAX

2/19 CARSON BEACH

BOARDWALK SUPPORT

PROPOSED CONSTRUCTION DETAILS

SEE SHEET 18 OF 24 FOR PLEASURE BAY BOARDWALK SUPPORTS

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

0 1 2 4
SCALE: 1/2"=1'-0"

FEBRUARY 199

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/20 SECTION OF 8' WIDE BOARDWALK @ PLEASURE BAY.

PLEASURE BAY
BOARDWALK SECTION VIEW

0 2 4 6

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +9.
MHW -9.
MSL +4.
MLW -0.

FEBRUARY 99

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/21 SECTION OF 10' WIDE BOARDWALK

BOARDWALK SECTION VIEW

0 2 4 6

SCALE: 3/8"=1'-0"

LICENSE PLAN NO. 7386

Bureau of Department of Environmental Protection

DEC 29 1998

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 2 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
JUL 21 1998

1/22 SECTION OF 8' WIDE BOARDWALK

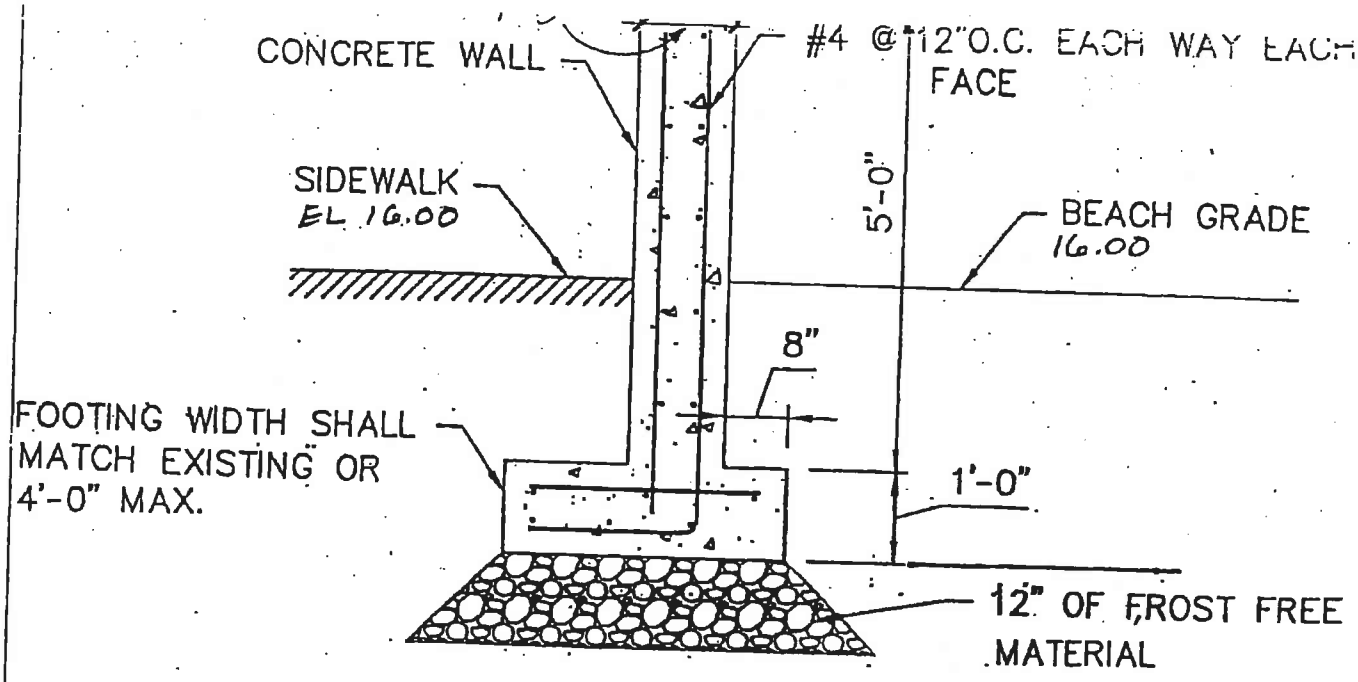
BOARDWALK SECTION VIEW

0 2 4 6

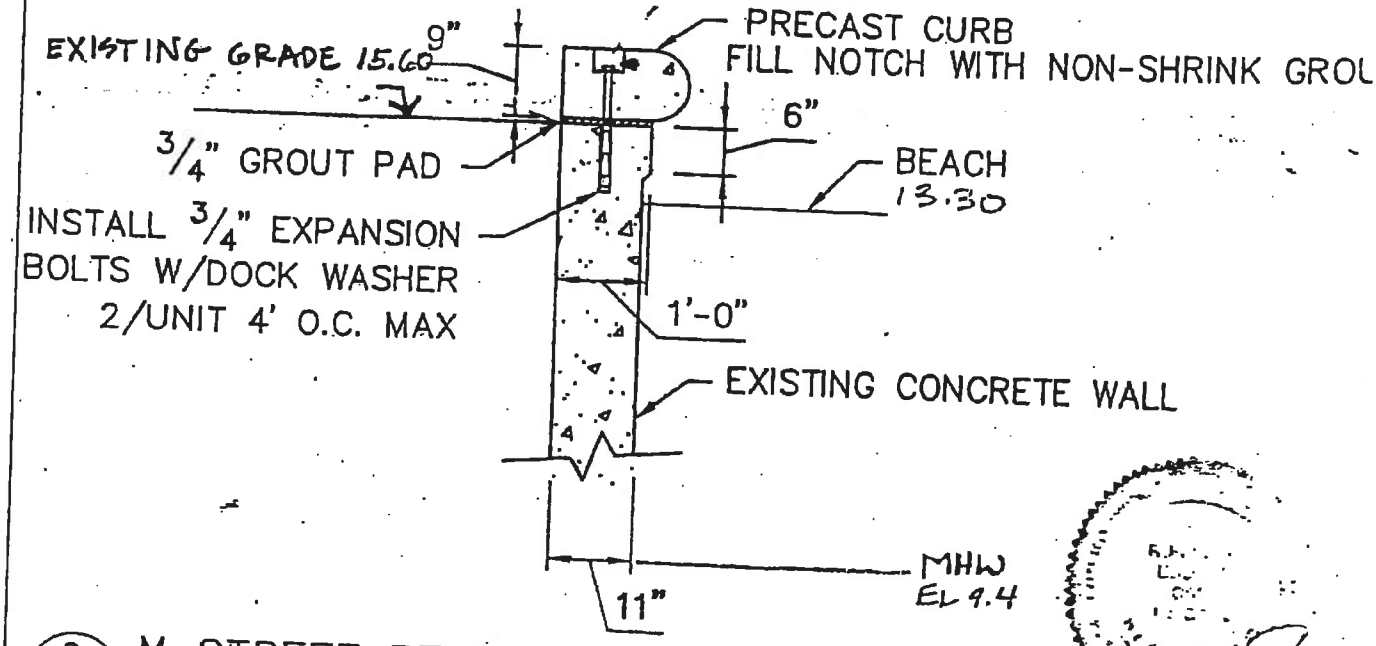
SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 22 OF 2



1/23 INFILL WALL SECTION @ PLEASURE BAY



2/23 M-STREET BEACH WALL CAP

PLEASURE BAY & M-STREET BEACHES - WALL DETAILS

0 1 2 4

SCALE: 1/2"=1'-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.5
MLW +0.0

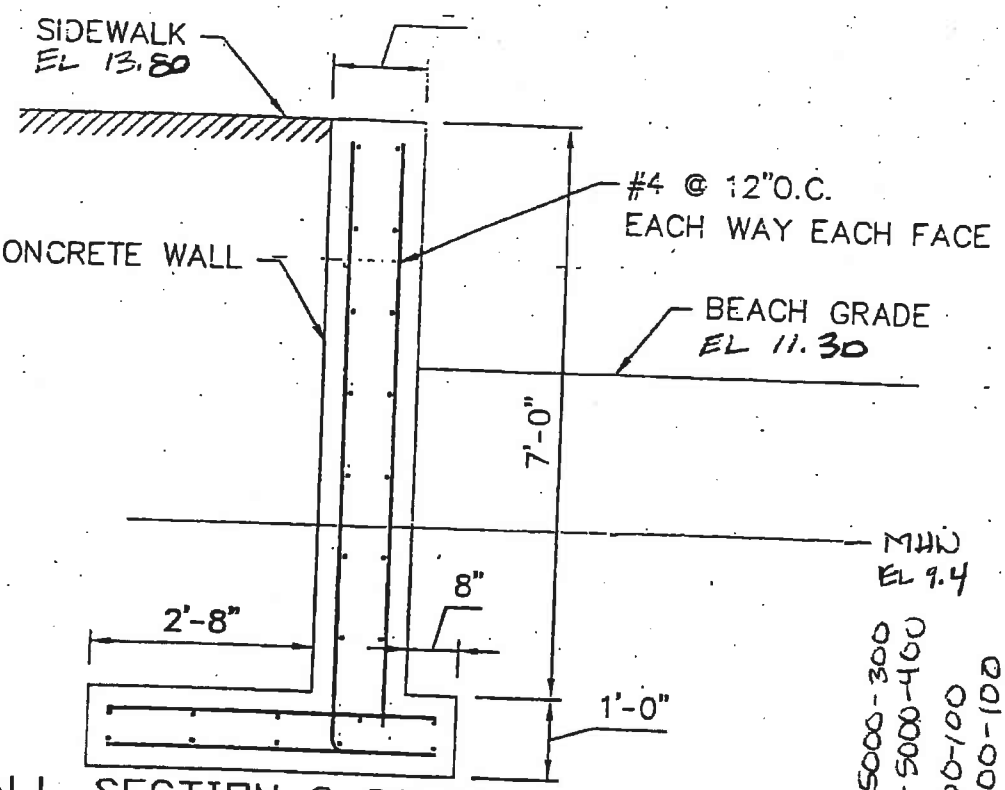
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

DEC 21 1998

FEBRUARY 1998

SHEET 23 OF 24



1/24 WALL SECTION @ CAUSEWAY/ PENALTY BOX PLEASURE BAY

006-060-341-5000-300
006-060-341-5000-400
006-070-271-0000-100
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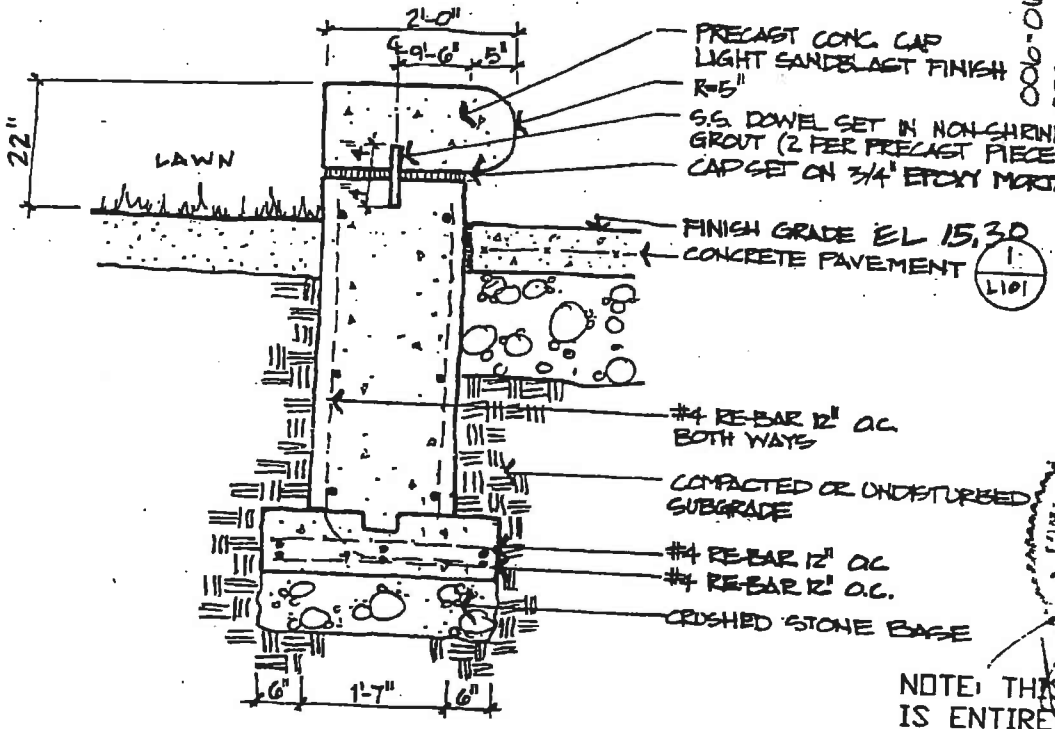
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: THIS WALL IS ENTIRELY OUTSIDE OF BEACH RESOURCE AREA & IS WELL ABOVE HTL.

2/24 M-STREET BEACH CONC. SEATWALL

PLEASURE BAY & M-STREET BEACHES- WALL DETAILS

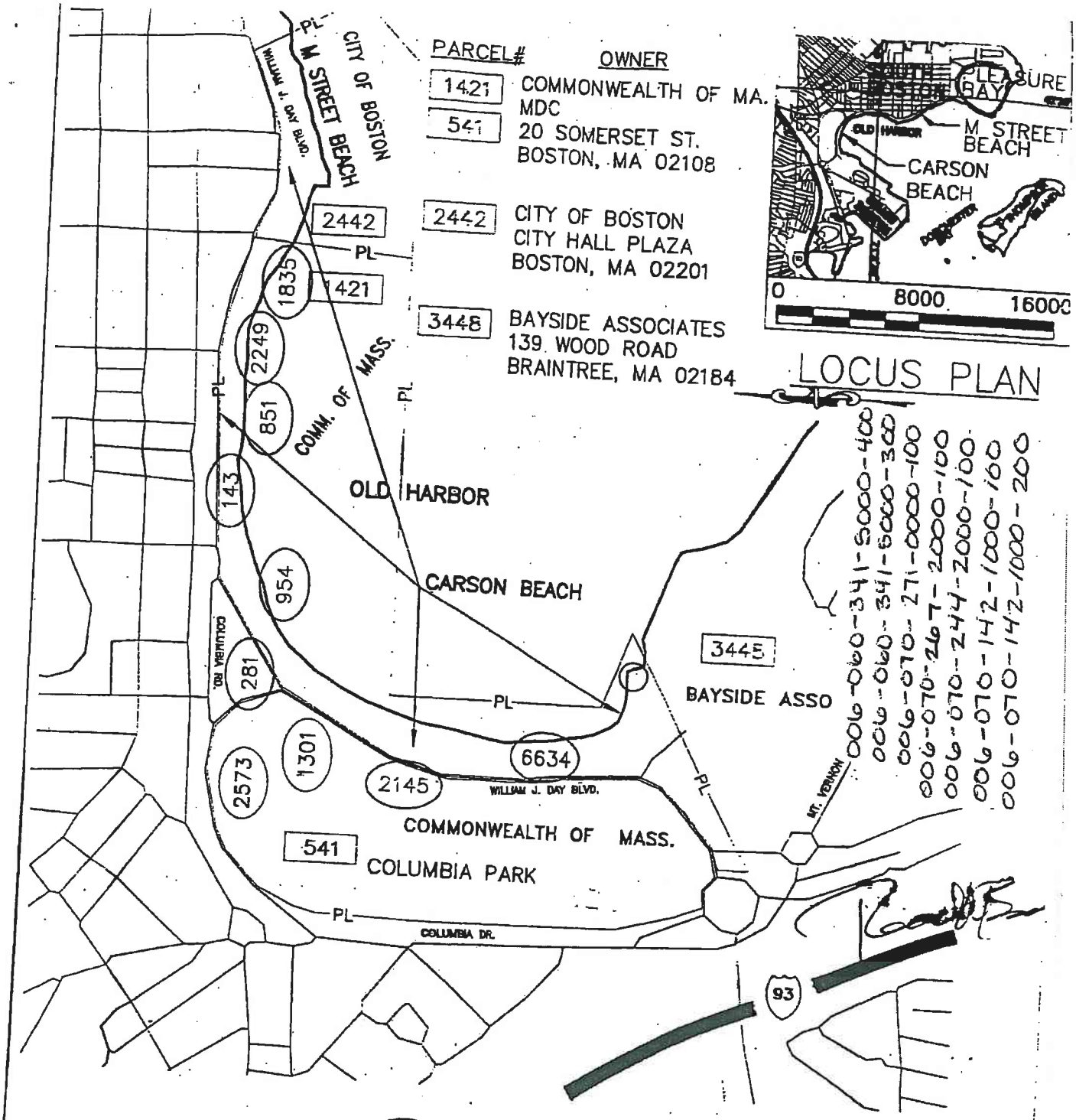
0 1 2 4
SCALE: 1 1/2"=1'-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LOCUS PLAN NO. 7386

Department of Environmental Protection
JUL 01 1998

FEBRUARY 1998
SHEET 24 OF 24



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

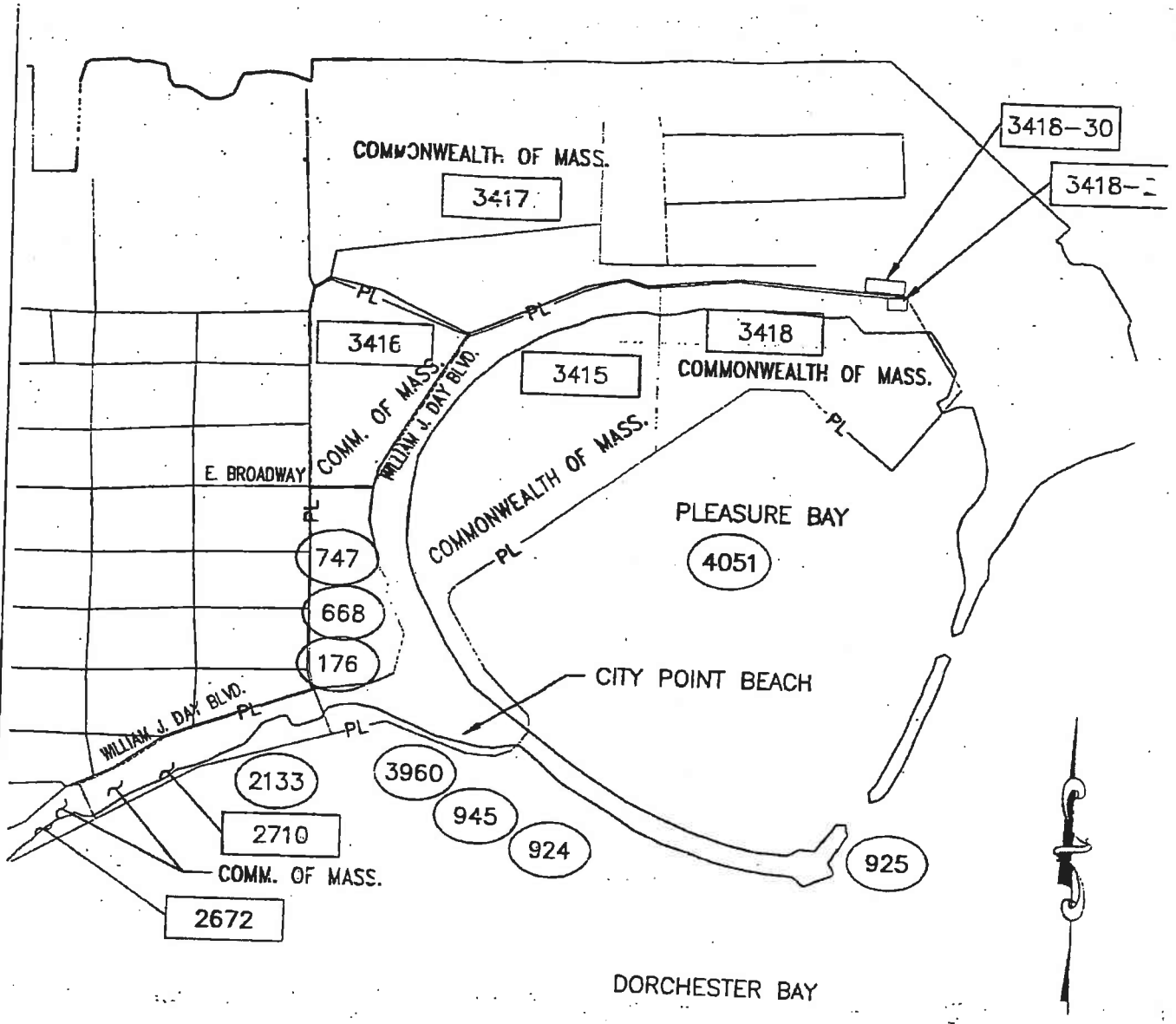
(2145) PREVIOUS CH. 91 LICENSES

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 1A OF 24

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN PUBLIC ACCESS FACILITIES INCLUDING BOARDWALKS & BEACH ENTRANCES & RECONSTRUCT SIDEWALKS, SITE WALLS & PARKING LOTS.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 7386
approved by Department of Environmental Protection
Massachusetts
JUL 21 1998
for James Sprague



PARCEL #	
2672	2710
3415	3416
3417	3418
3418-2	3418-30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 7386

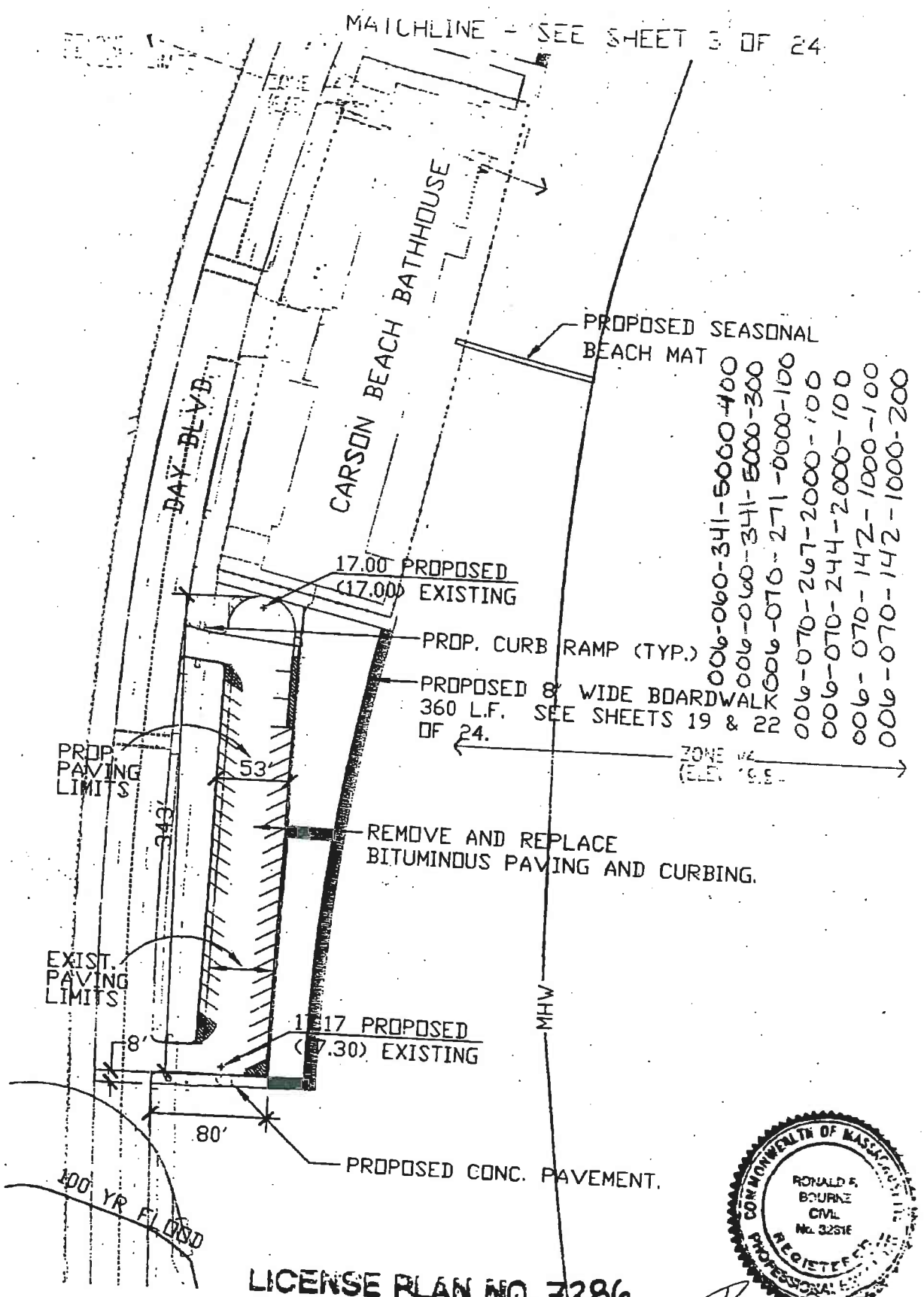
Approved by Department of Environmental Protection

Date JUL 21 1998

100yr. FLOOD +19.6
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 199[illegible]

SHEET 1B OF [illegible]



LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: JUL 21 1998

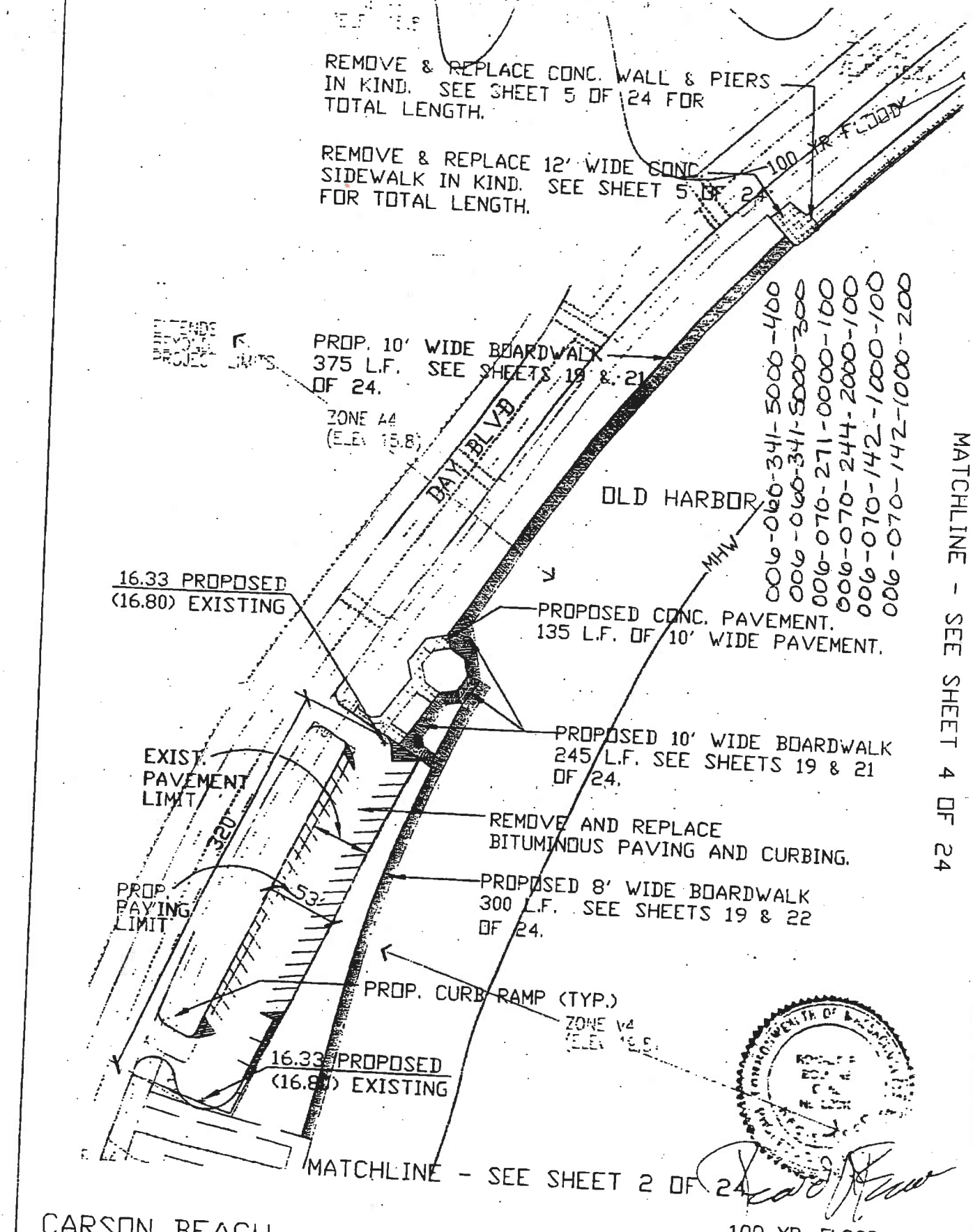
COMMONWEALTH OF MASSACHUSETTS
RONALD F. BOURNE
CIVIL
No. 32516
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE 1"=100'-0"

100 YR. FLOOD +19.
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 1 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

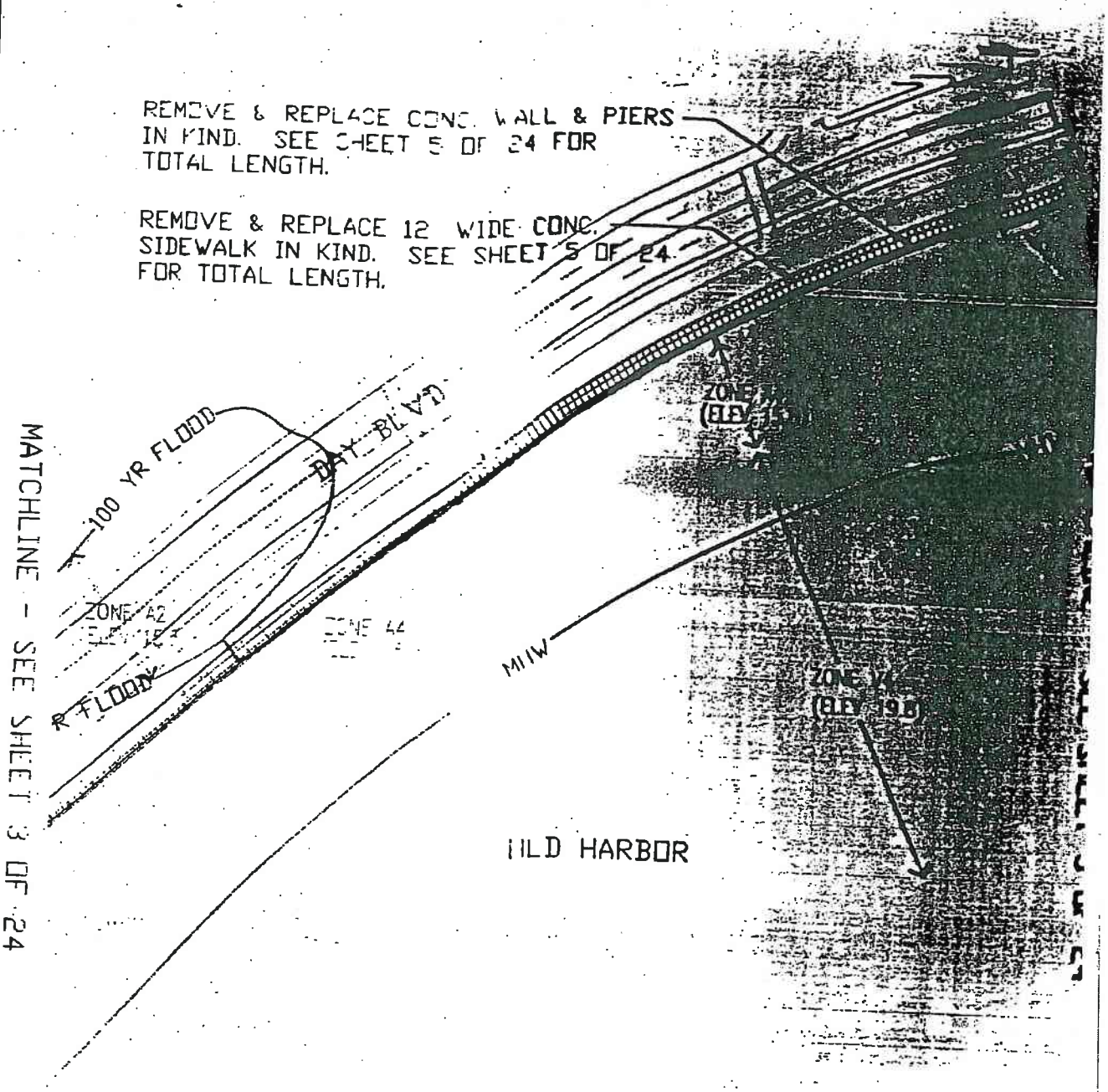
0 100 200

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection
Date: 2 1 1998

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

COMMONWEALTH OF MASSACHUSETTS
RONALD A BOURNE
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION PLAN VIEW

0 100 200

100 YR. FLOOD +19
MHW +
MSL +
MLW +

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 19
SHEET 4 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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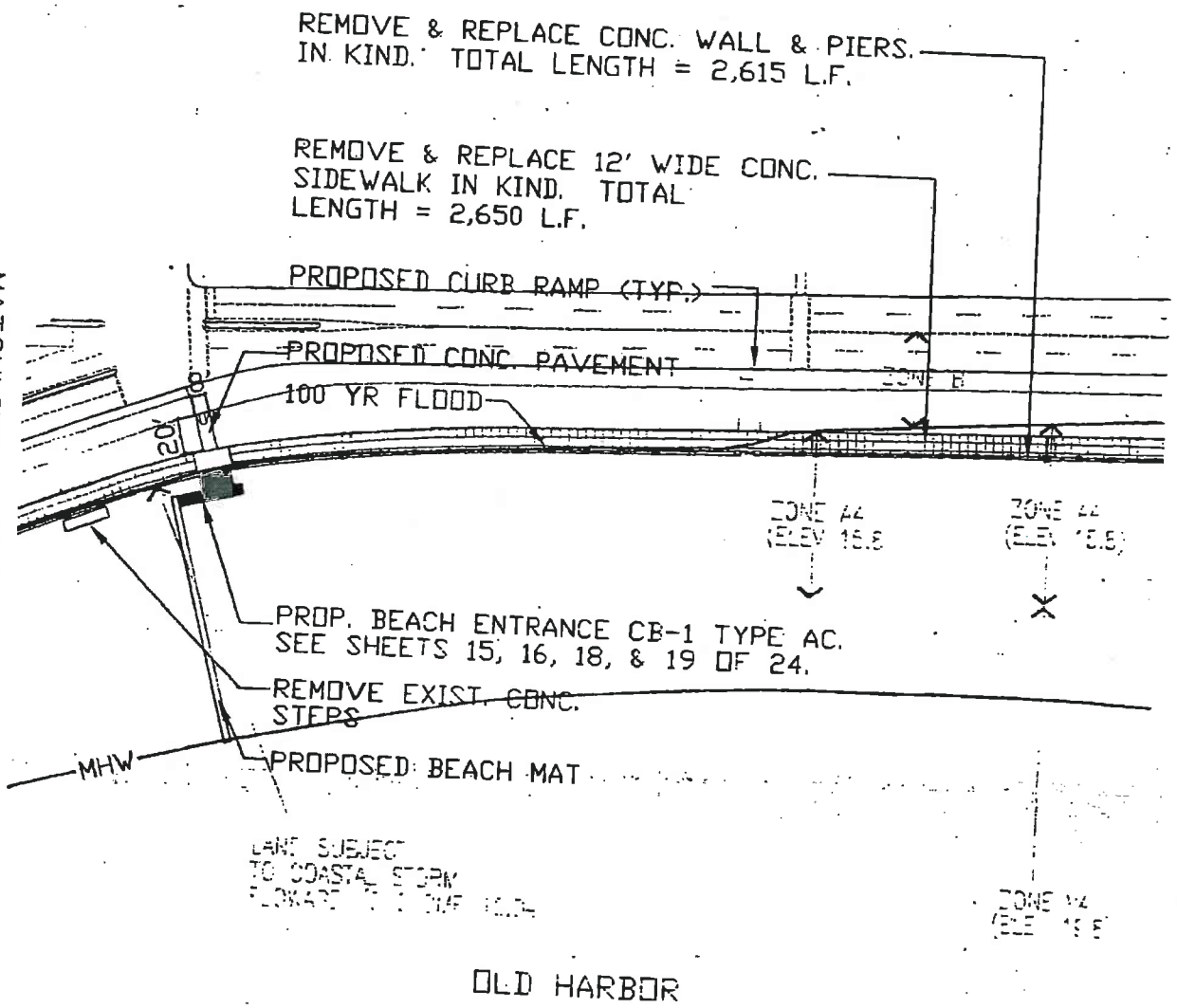
006-070-142-1000-200



COMMONWEALTH OF MASSACHUSETTS
RONALD R BOURNE
CIVIL
No. 32016
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100'-0"

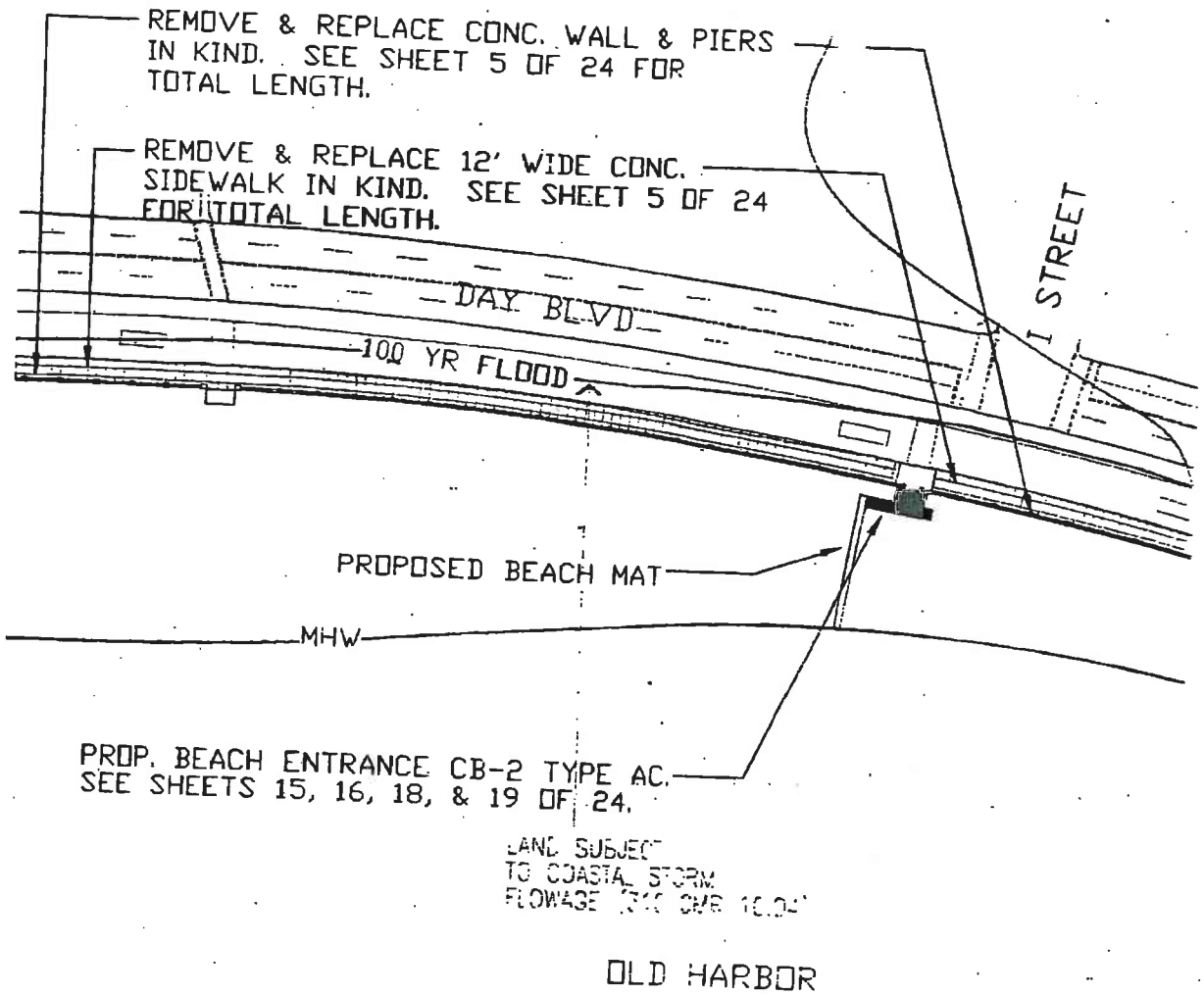
LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 5 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

ZONE B



MATCHLINE - SEE SHEET 5 OF 24

MATCHLINE - SEE SHEET 1 OF 24

COMMONWEALTH OF MASSACHUSETTS
RONALD F BOURNE
CIVIL
No. 32216
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

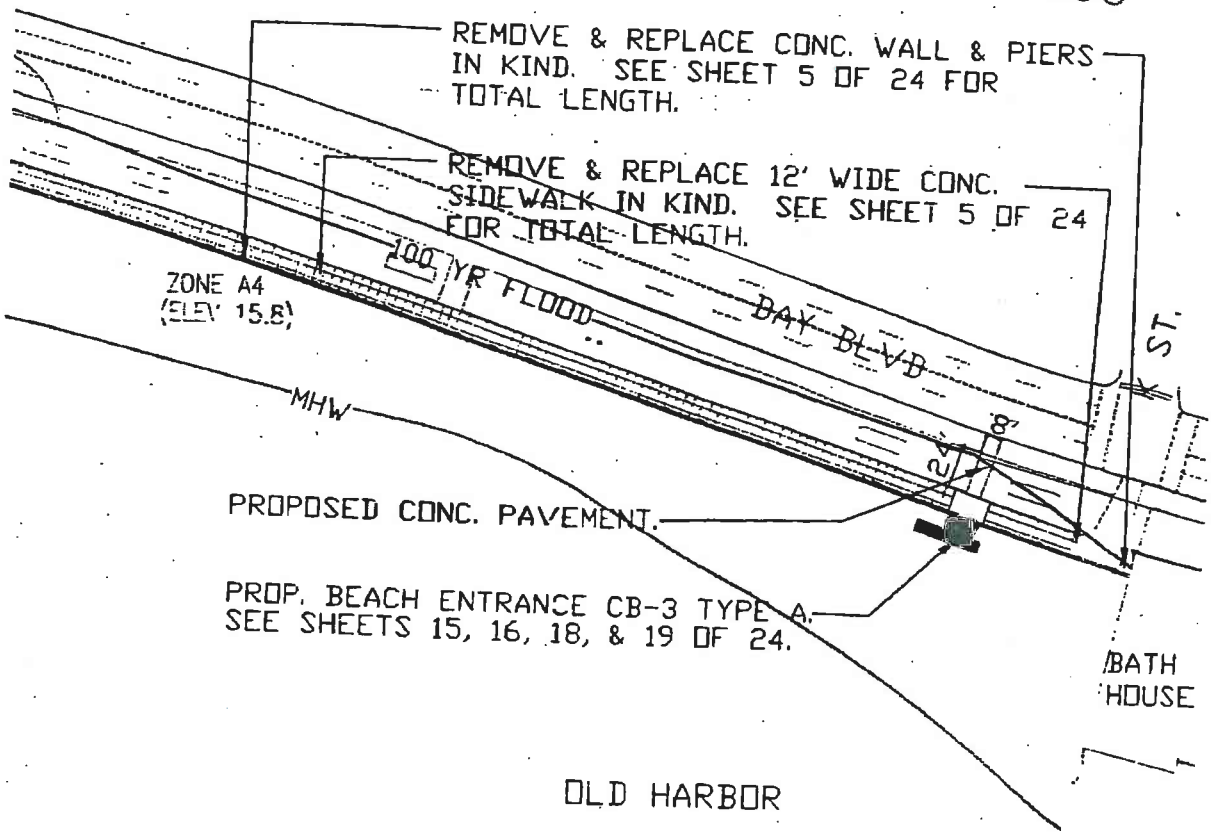
0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
Date: DEC 11 9 4 1998

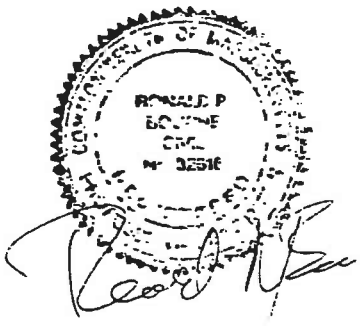
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 6 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 6 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

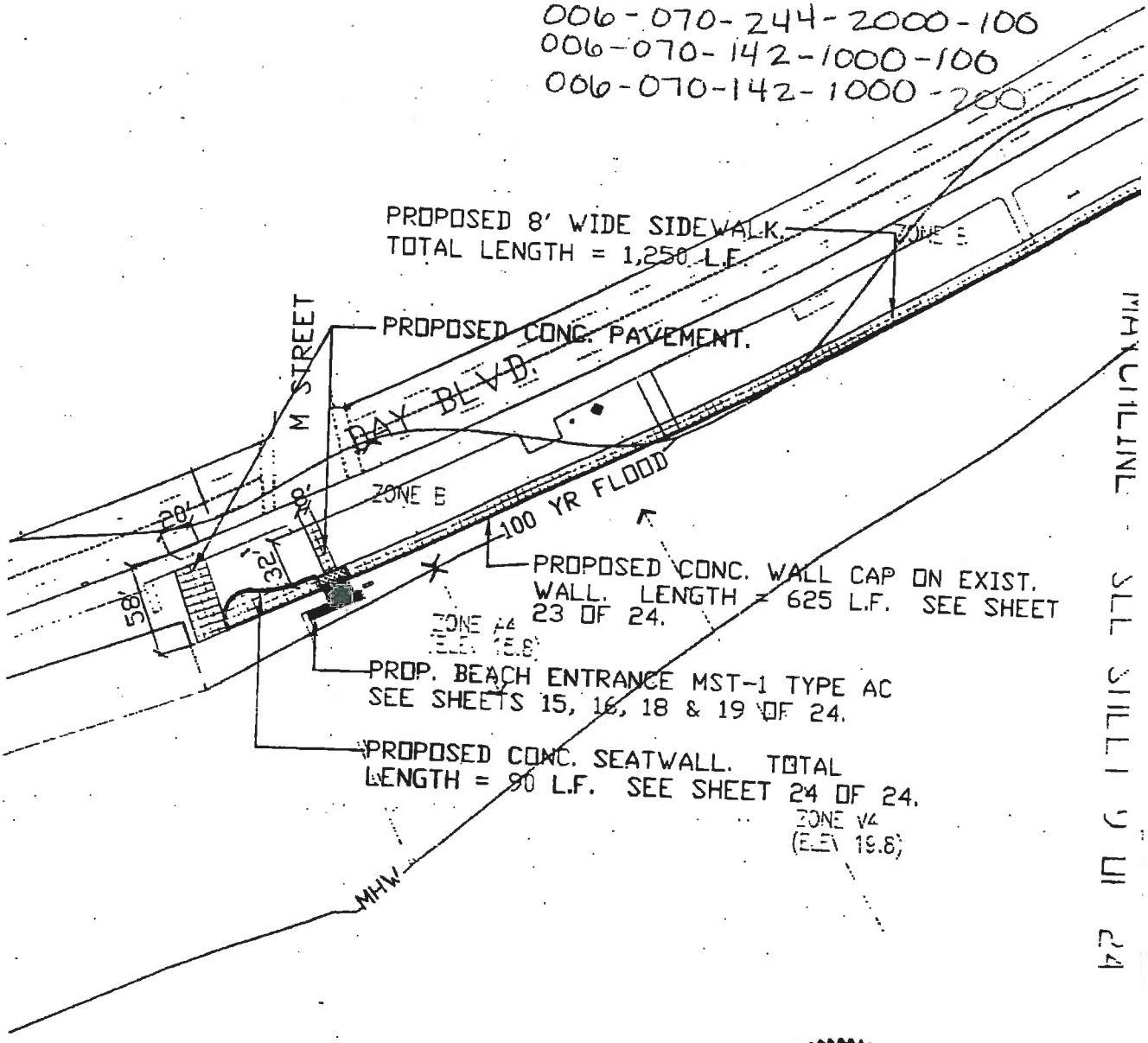
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 7 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MARGINAL ST. SHEET 9 OF 24

COMMONWEALTH OF MASSACHUSETTS
RONALD R. EOURNE
CIVIL
No. 32618
REGISTERED PROFESSIONAL ENGINEER

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: [illegible]

100 YR. FLOOD +19.3
MHW +9.2
MSL +4.8
MLW +0.3

FEBRUARY 1988
SHEET 8 OF 24

006-060-341-5000-400
006-060-341-5000-300
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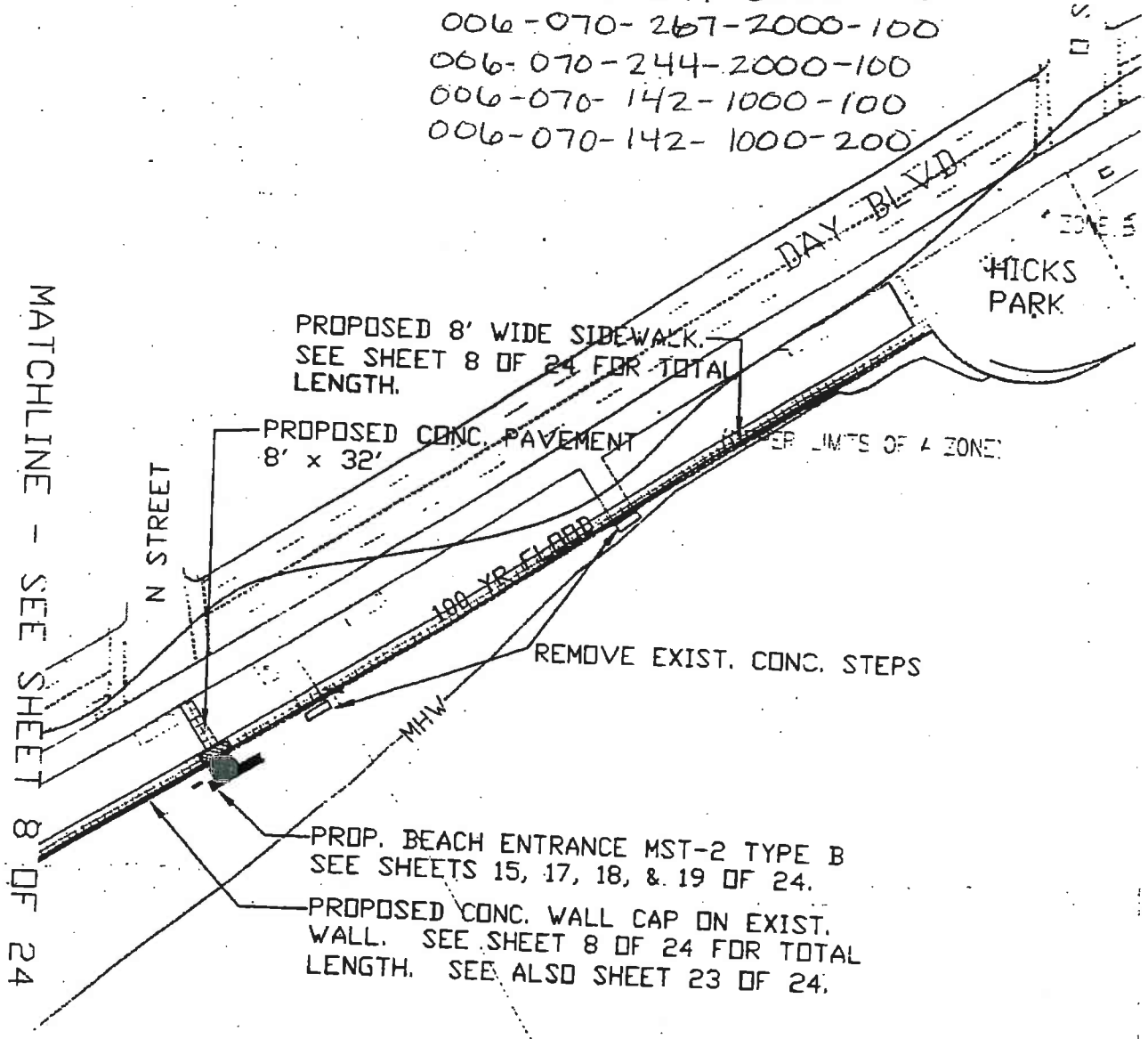
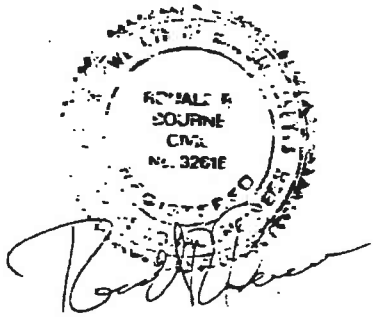
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200





M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

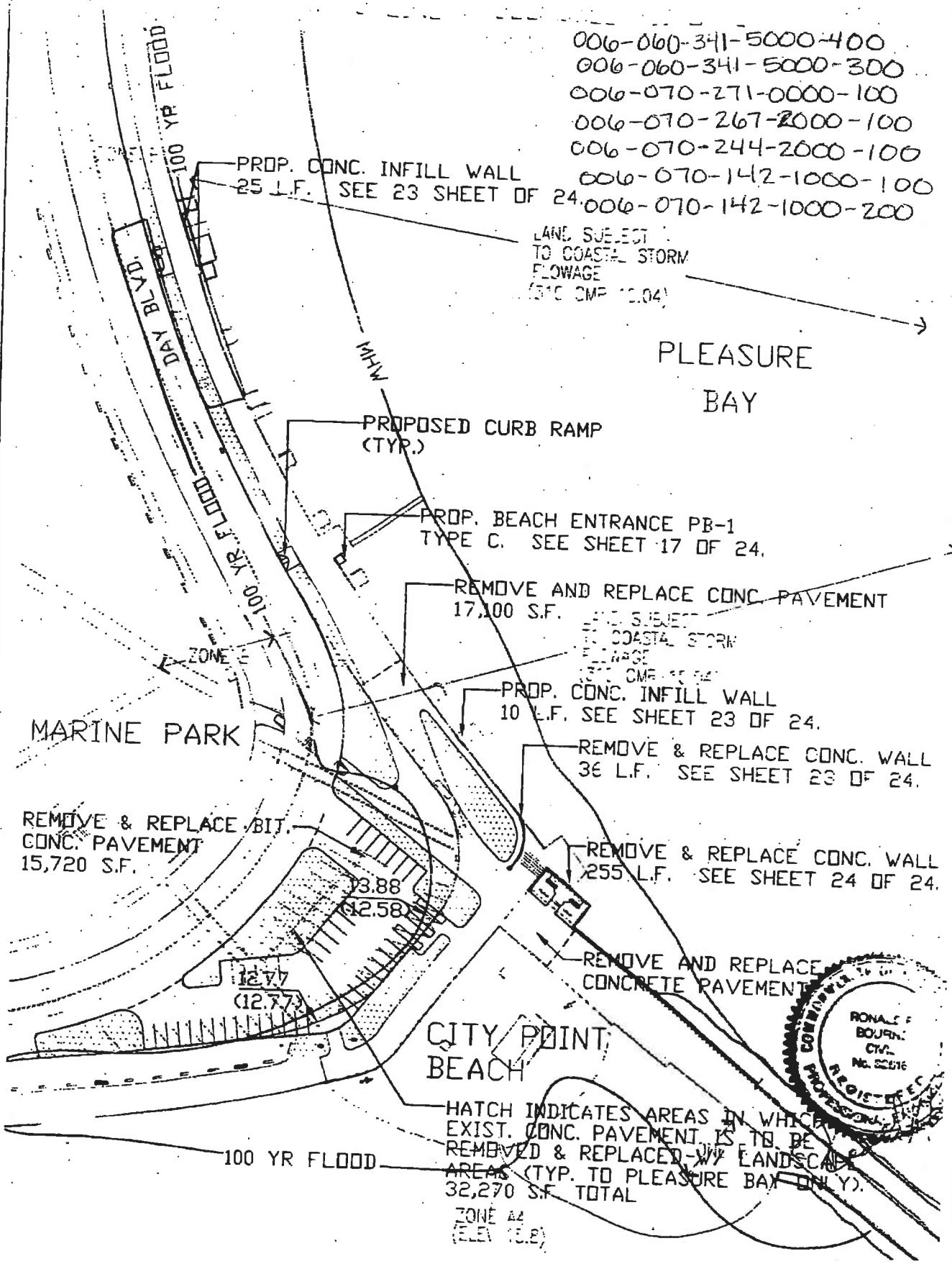
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

Department of Environmental Protection
JUL 21 1999

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 9 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

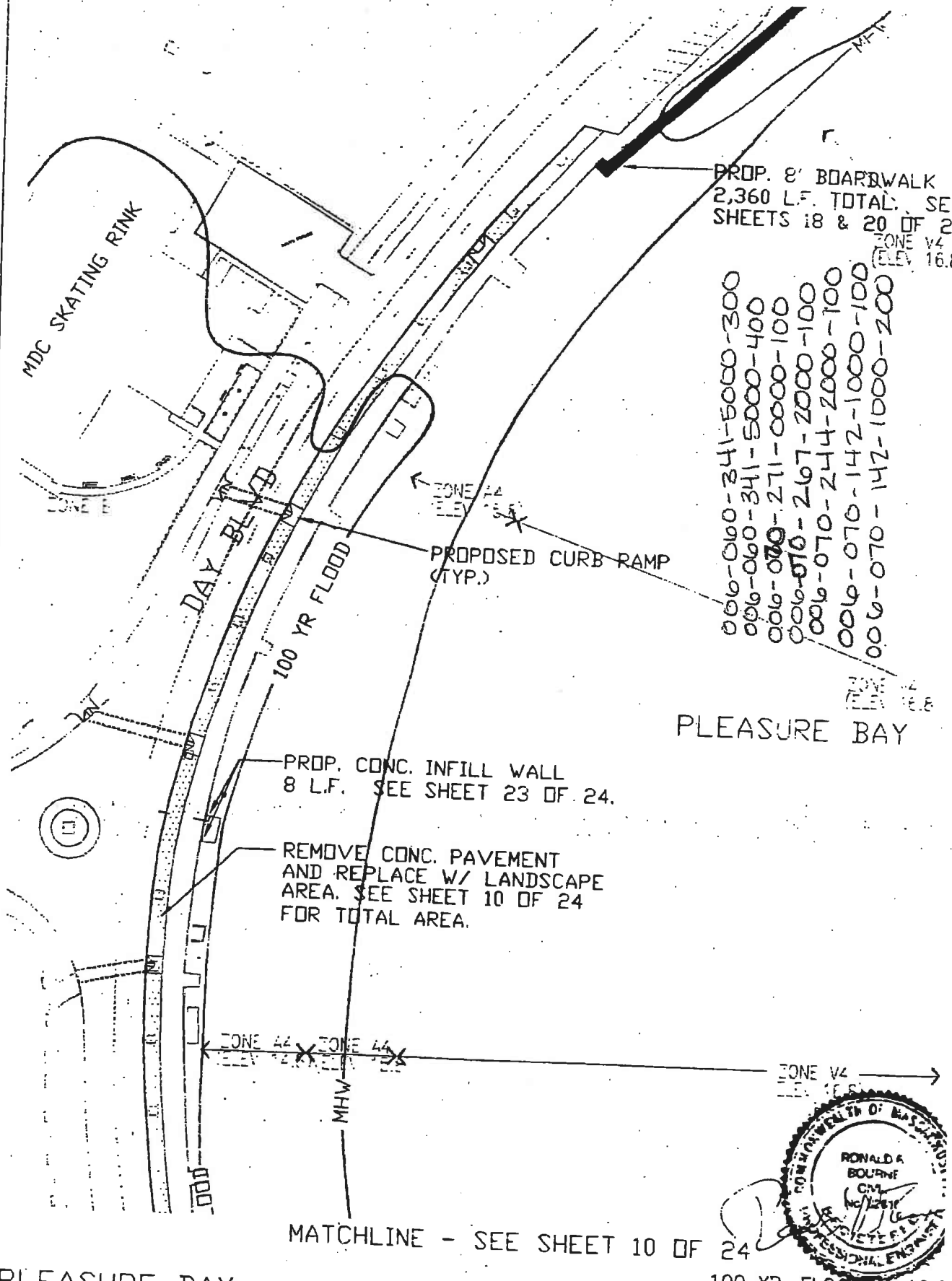
SCALE 1"=100-0"

LICENSE PLAN NO. 7386

Date: NOV 21 1998

100 YR. FLOOD	+19
MHW	+9
MSL	+4
MLW	+0

FEBRUARY 1998
SHEET 10 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

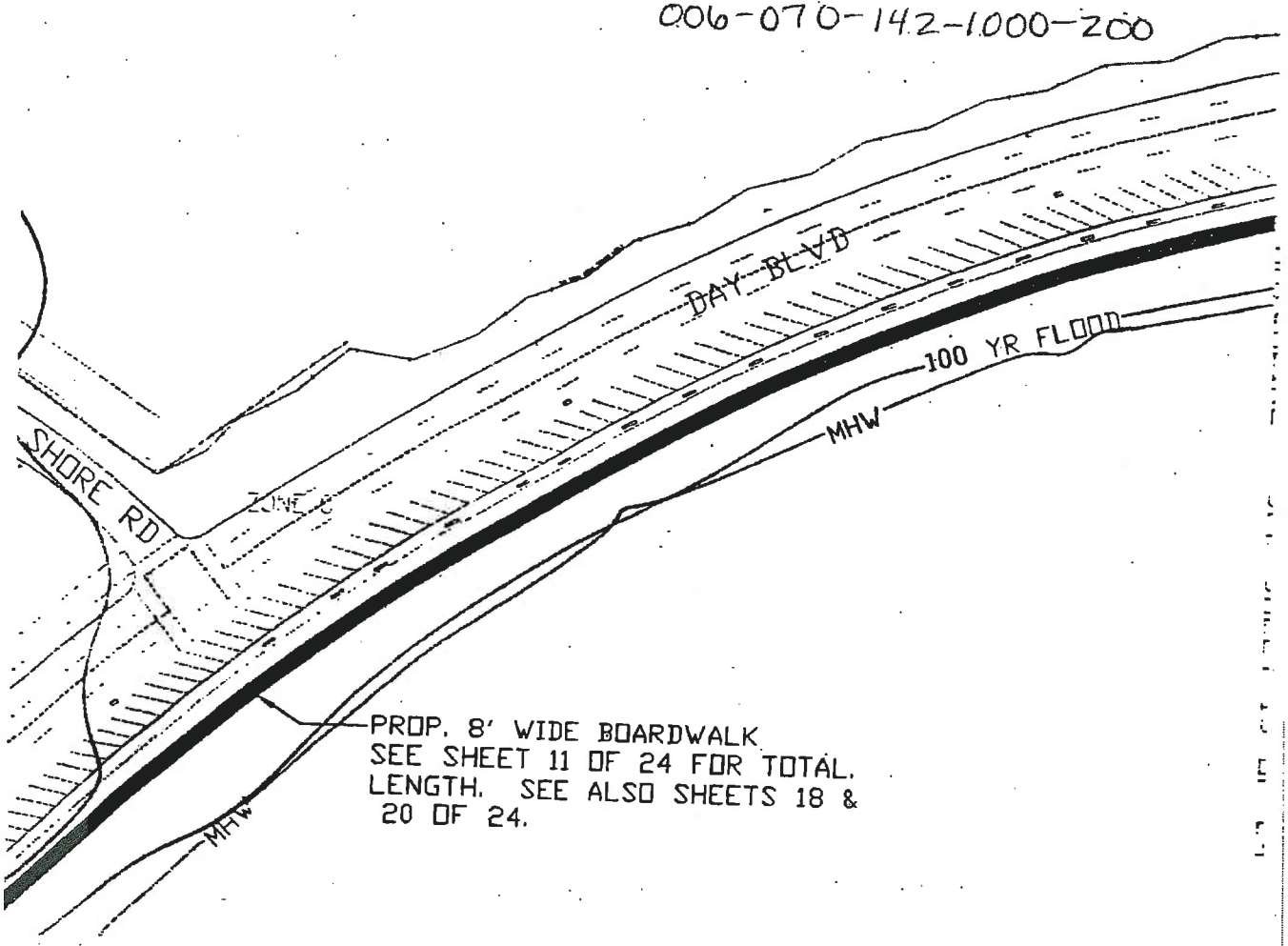
0 100 200
SCALE: 1"=100-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO. 7386
approved by Department of Environmental [illegible]
[illegible] 9 4 1998

FEBRUARY 1998
SHEET 11 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 11 OF 24

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 12 OF 2-

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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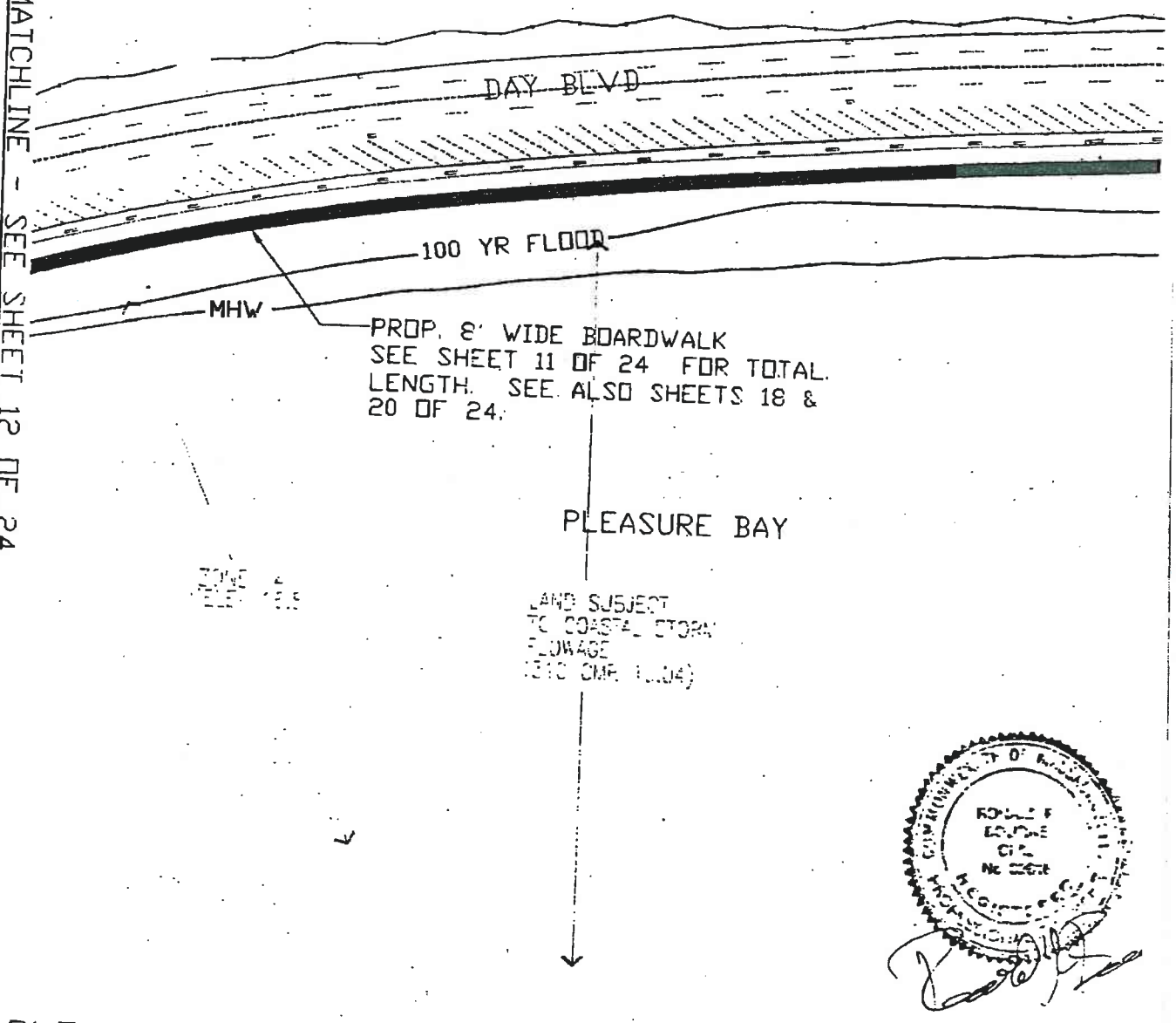
006-070-142-1000-200



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 13 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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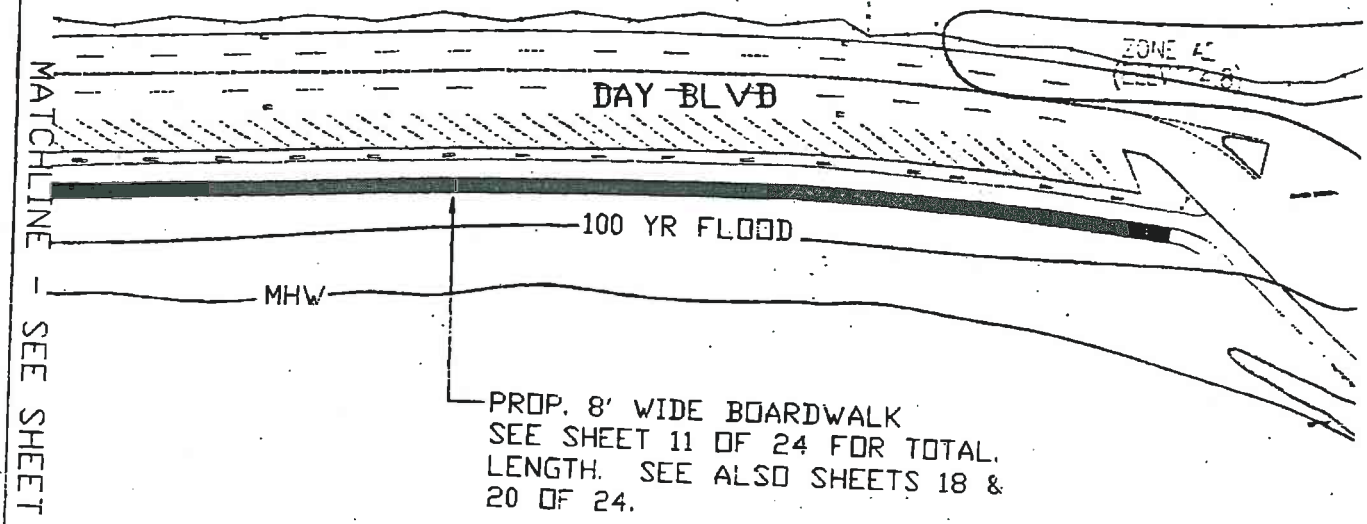
006-070-142-1000-200



MATCHLINE - SEE SHEET 13 OF 24

PLEASURE BAY

COMMONWEALTH OF MASSACHUSETTS
RONALD P. BOURNE
CIVIL
REGISTERED

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
JUN 24 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 14 OF 2

1/15 SECTION OF BEACH ENTRANCE

SECTION SHOWN IS OF THE BEACH ENTRANCE AT LOWEST ELEVATION (CLOSEST TO MHW)

NOTE: ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE NOTED.

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

BEACH ENTRANCE - SECTION VIEW

0 4 8

SCALE: 1/4"=1'-0"

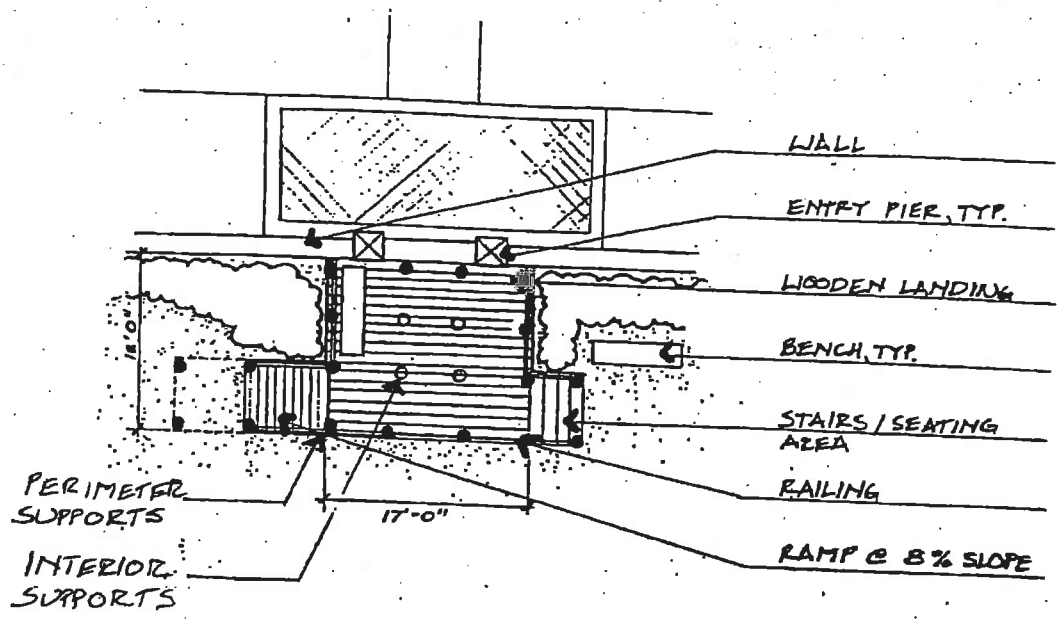
LICENSE PLAN NO 7386

Approved: Department of Environmental Protection

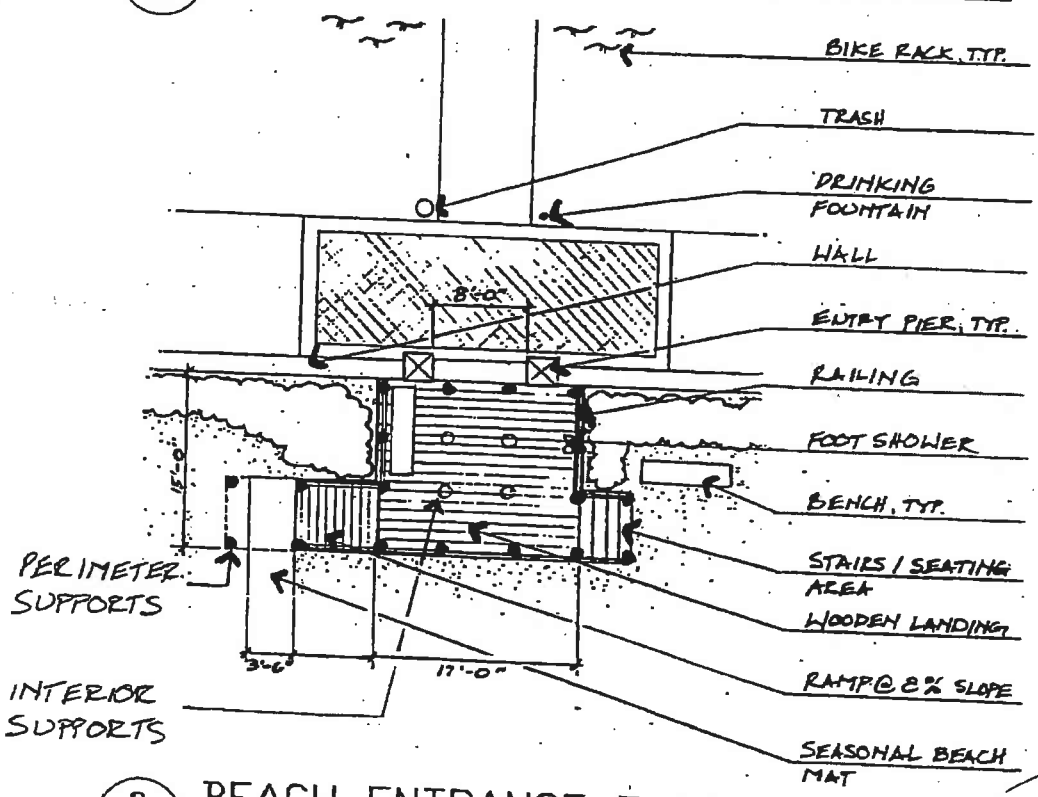
Date: JUL 21 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 15 OF 24



1/16 BEACH ENTRANCE TYPE A



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/16 BEACH ENTRANCE TYPE AC

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

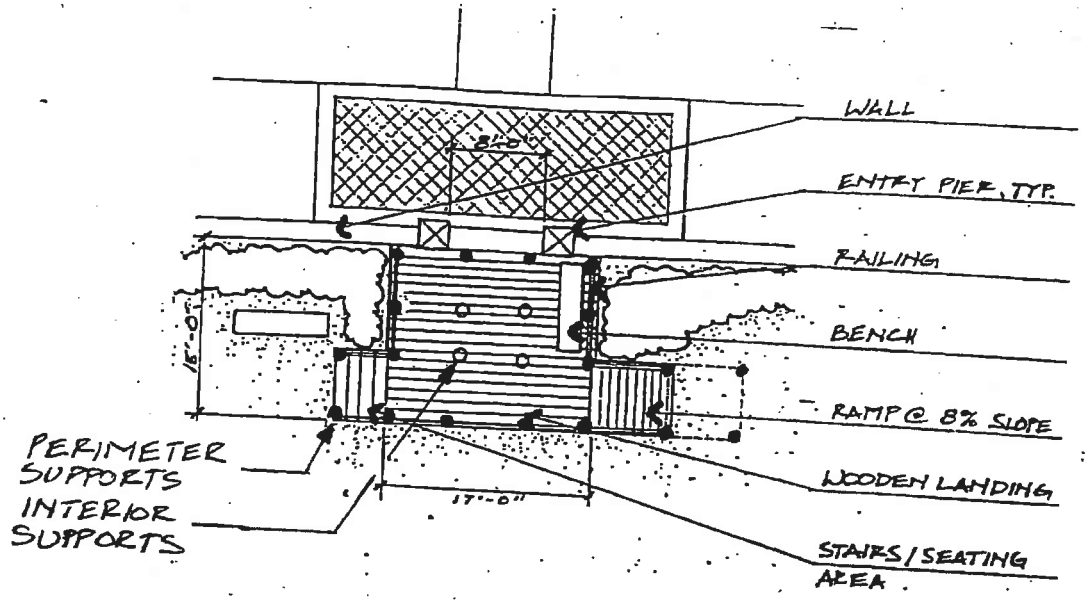
LICENSE PLAN NO. 7386

Reviewed by Department of Environmental Protection

Date: MAR 04 2008

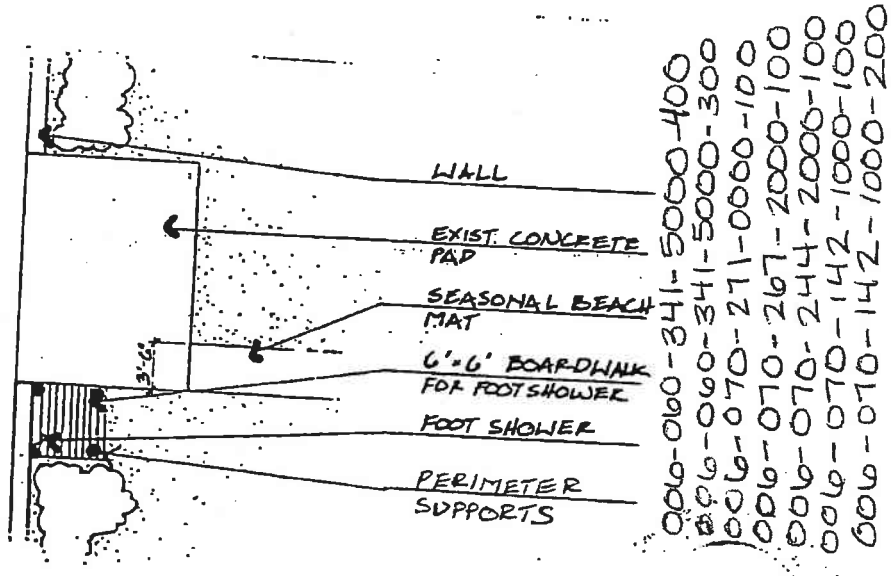
FEBRUARY 1998

SHEET 16 OF 24



1/17 BEACH ENTRANCE TYPE B

ONE @ M-STREET ONLY



2/17 BEACH ENTRANCE TYPE C

ONE @ PLEASURE BAY ONLY

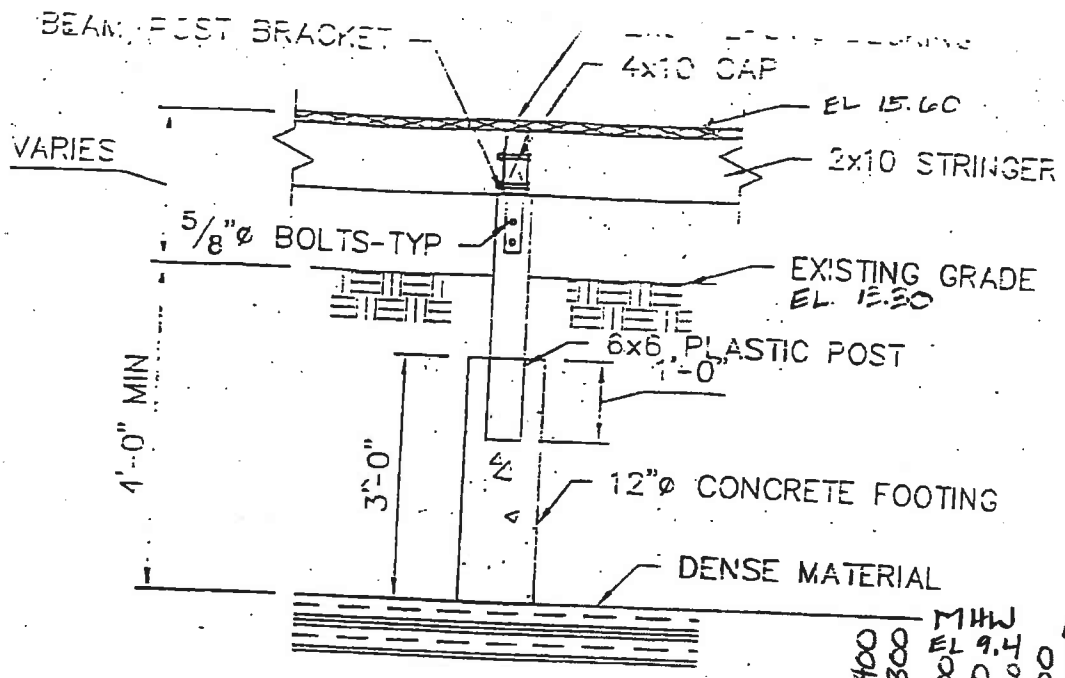
PROPOSED BEACH ENTRANCE CONSTRUCTION
PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

LICENSE PLAN NO. 7386
Boston Department of Environmental Protection
DATE: JUL 21 1998

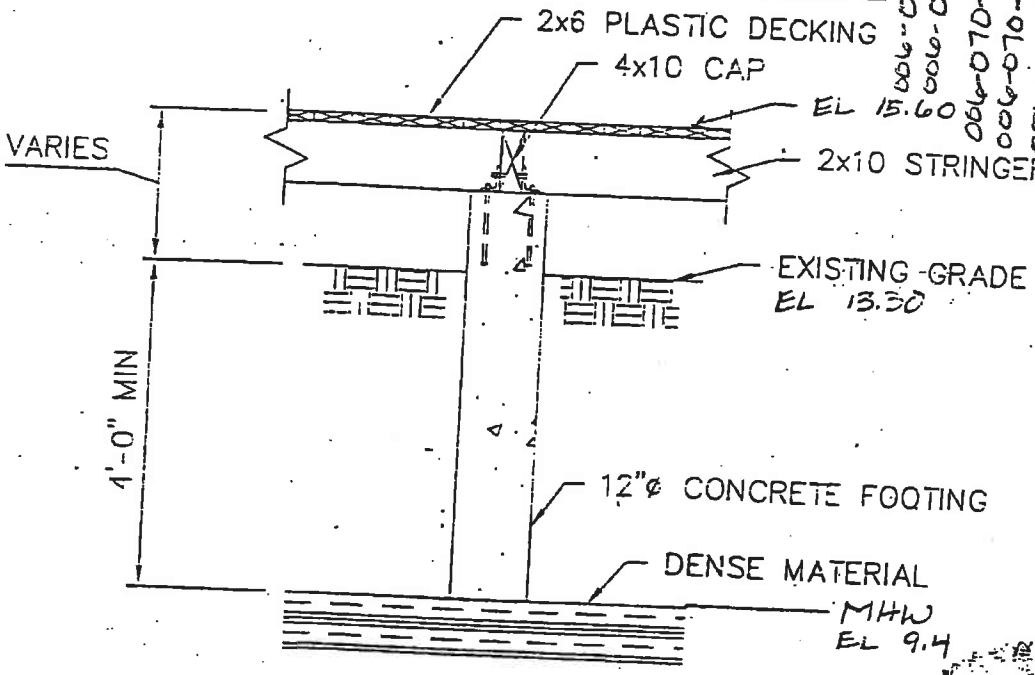
FEBRUARY 1998
SHEET 17 OF 24



NOTE: SUPPORT SHALL BE USED ALONG OUTSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

1/18 BEACH ENTRANCE PERIMETER SUPPORT

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-247-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: SUPPORT SHALL BE USED ALONG INSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

2/18 BEACH ENTRANCE INTERIOR SUPPORT

BEACH ENTRANCE DETAILS
PLAN VIEW

SCALE: 1/2"=1'-0"

LICENSE PLAN NO. 7386
Division of Department of Environmental Protection

JUL 9 1998

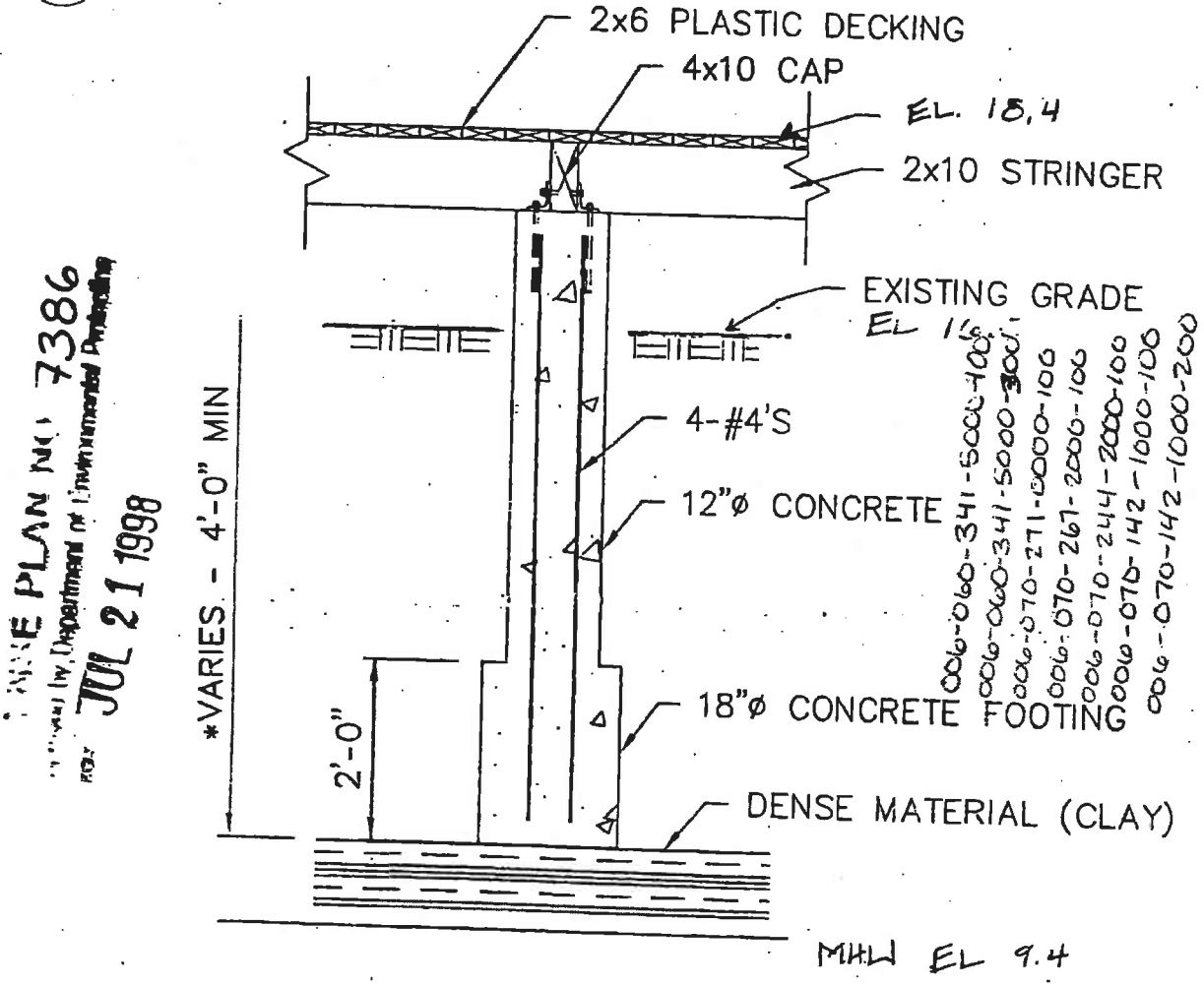
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 18 OF 24

NAME	TYPE	EXIST. GRADE @ WALK	EXIST. GRADE @ BEACH	DIFFERENCE IN ELEV.	RAMP LENGTH* L.F.
CB-1	AC	20.50	19.10	1.40	23.75
CB-2	AC	17.10	15.80	1.30	22.50
CB-3	AC	19.95	17.90	2.05	31.87
MST-1	AC	15.30	14.00	1.30	22.50
MST-2	B	15.60	13.30	2.30	35.00

*RAMP LENGTH INCLUDES THE DISTANCE REQUIRED TO EXTEND 6" BELOW CURRENT BEACH GRADE.

1/19 BEACH ENTRANCE ELEVATION MATRIX



PLAN NO. 7386
JUL 21 1998

*NOTE: DEPTH OF FOOTING VARIES FROM 4' MIN TO 7' MAX

2/19 CARSON BEACH
BOARDWALK SUPPORT
PROPOSED CONSTRUCTION DETAILS

SEE SHEET 18 OF 24 FOR PLEASURE BAY BOARDWALK SUPPORTS

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

0 1 2 4
SCALE: 1/2"=1'-0"

FEBRUARY 199
SHEET 1 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/20 SECTION OF 8' WIDE BOARDWALK @ PLEASURE BAY.

PLEASURE BAY
BOARDWALK SECTION VIEW

0 2 4 6

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD	+9.
MHW	−9.
MSL	+4.
MLW	−0.

FEBRUARY 199

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

SECTION OF 10' WIDE BOARDWALK

1/21

BOARDWALK SECTION VIEW

0 2 4 6

SCALE: 3/8"=1'-0"

LICENSE PLAN NO. 7386

Received by Department of Environmental Protection

DEC 2 1 1999

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
JUL 21 1998

SECTION OF 8' WIDE BOARDWALK

1/22

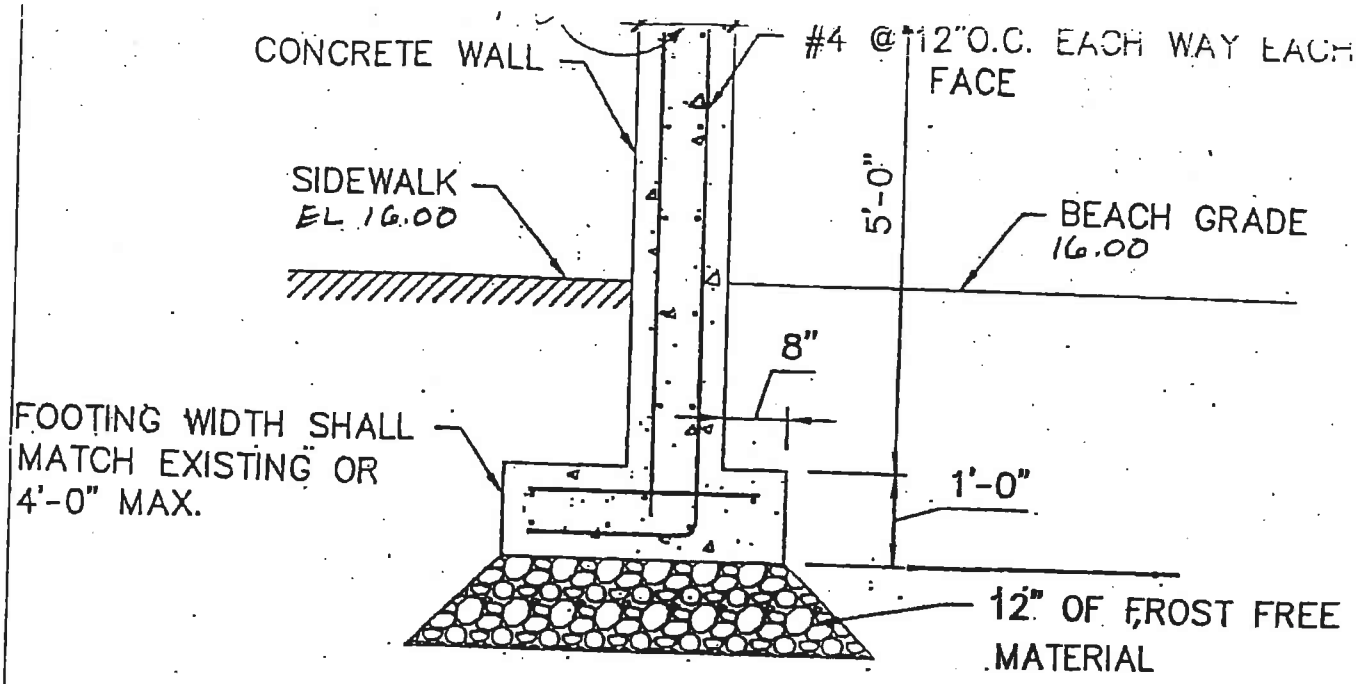
BOARDWALK SECTION VIEW

0 2 4 6

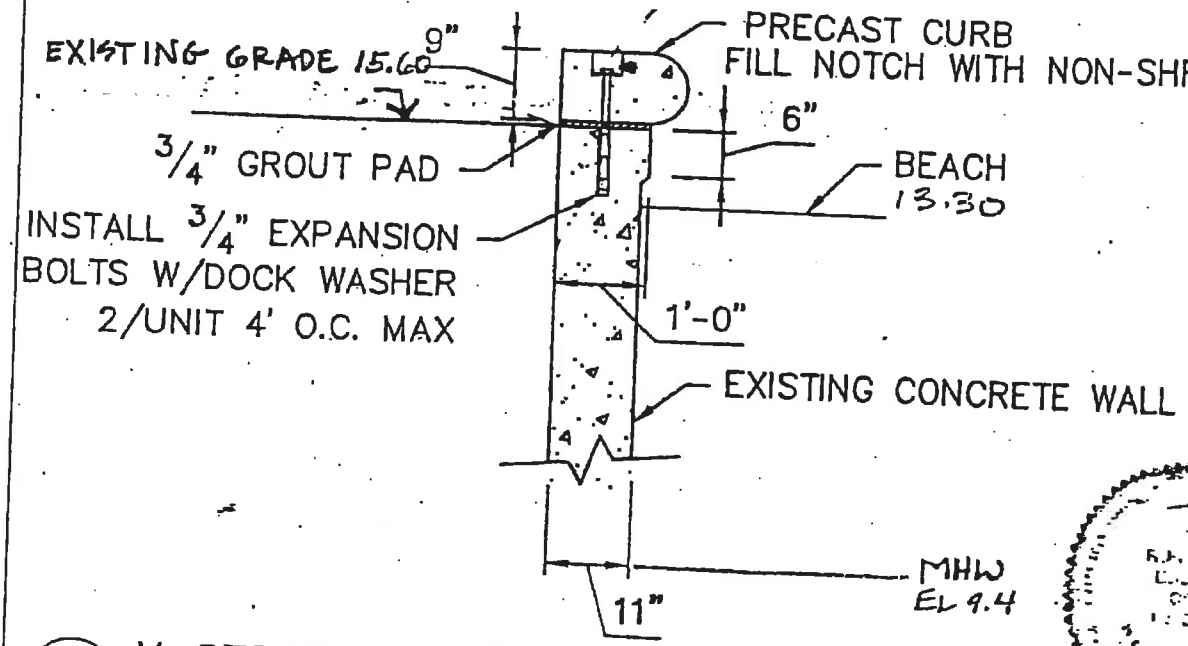
SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 22 OF 2



1/23 INFILL WALL SECTION @ PLEASURE BAY



2/23 M-STREET BEACH WALL CAP

PLEASURE BAY & M-STREET BEACHES - WALL DETAILS

0 1 2 4

SCALE: 1/2"=1'-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.5
MLW +0.0

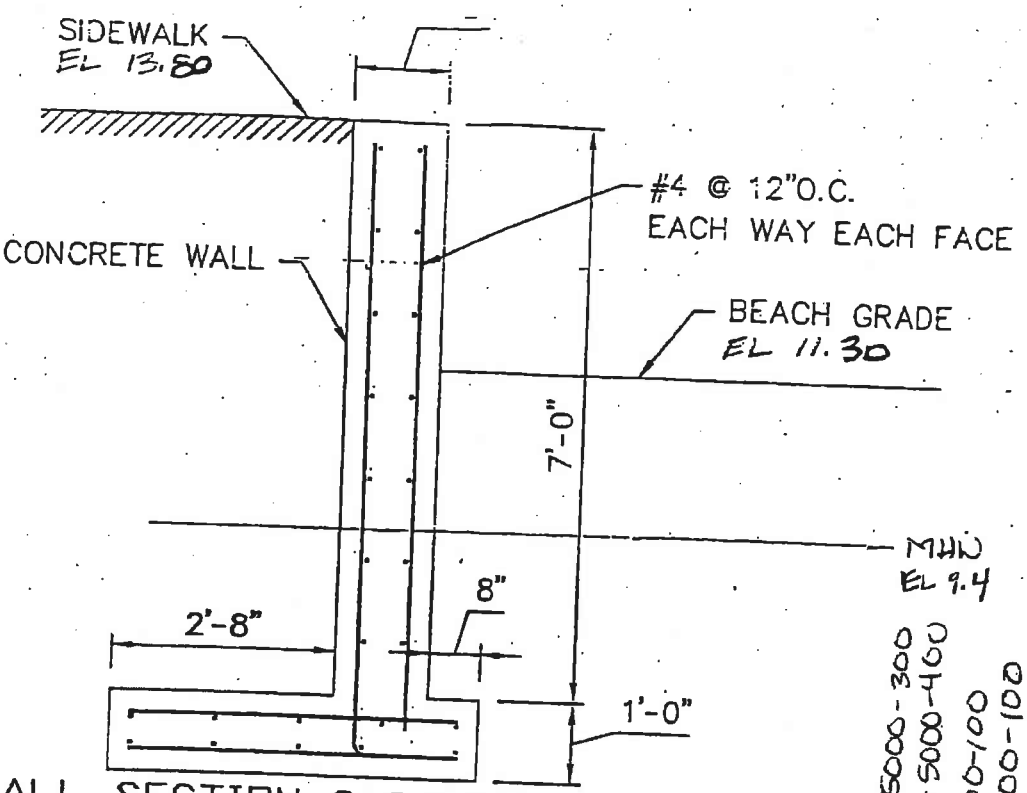
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

Dec 1 Pl 0f 6 4 4006

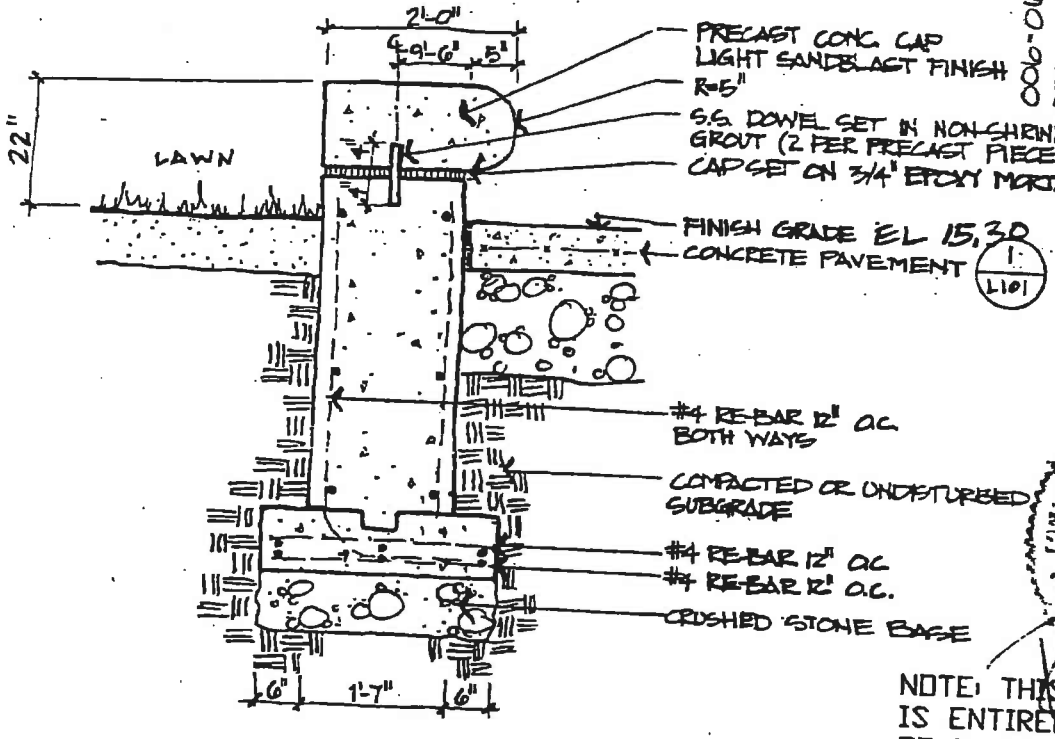
FEBRUARY 1995

SHEET 23 OF 24



1/24 WALL SECTION @ CAUSEWAY/ PENALTY BOX PLEASURE BAY

006-060-341-5000-300
006-060-341-5000-400
006-070-271-0000-100
006-670-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: THIS WALL IS ENTIRELY OUTSIDE OF BEACH RESOURCE AREA & IS WELL ABOVE HTL.

2/24 M-STREET BEACH CONC. SEATWALL

PLEASURE BAY & M-STREET BEACHES- WALL DETAILS

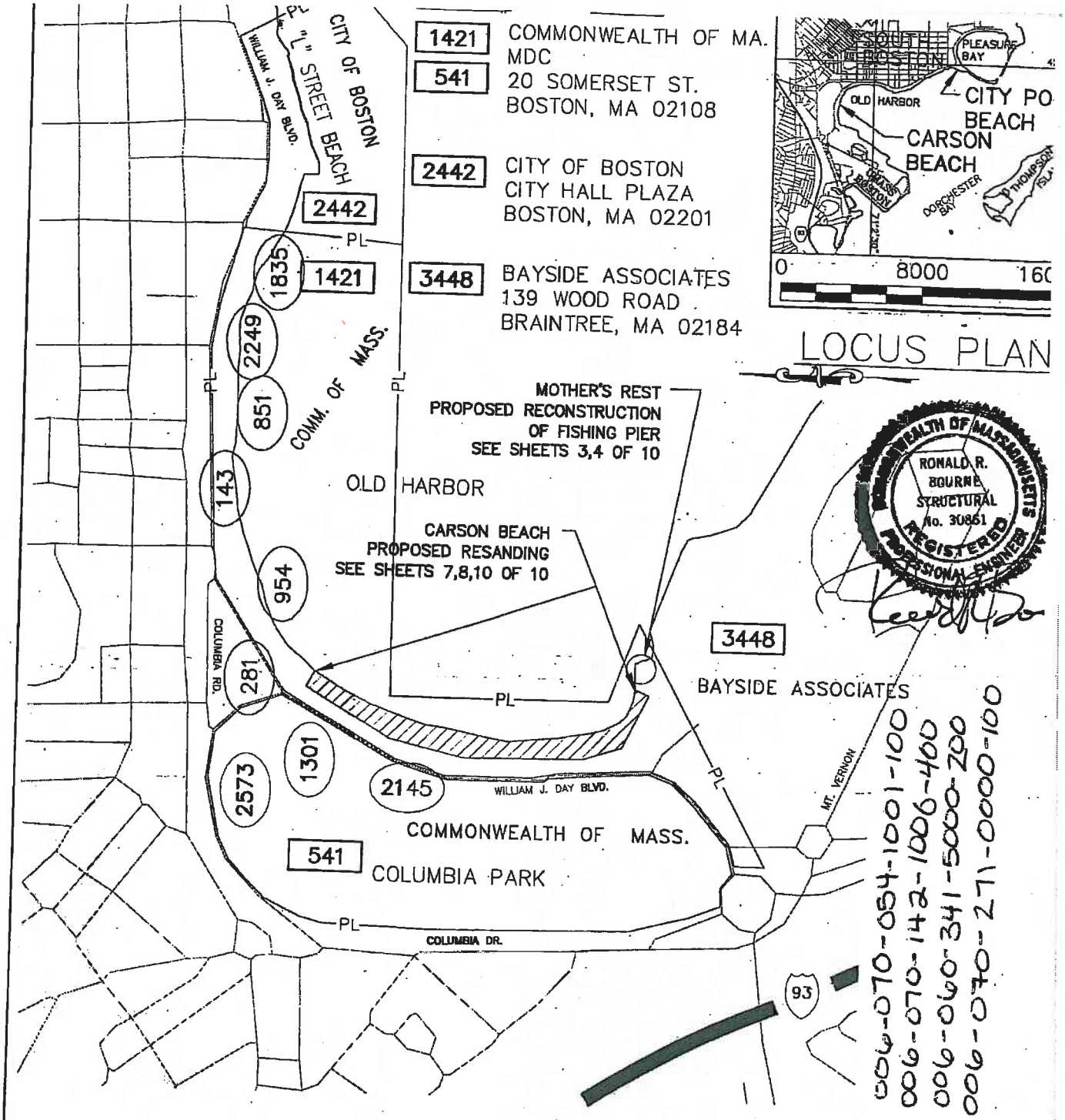
0 1 2 4
SCALE: 1/2"=1'-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LOCUS PLAN NO. 7386

Department of Environmental Protection

FEBRUARY 1998
SHEET 24 OF 24



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

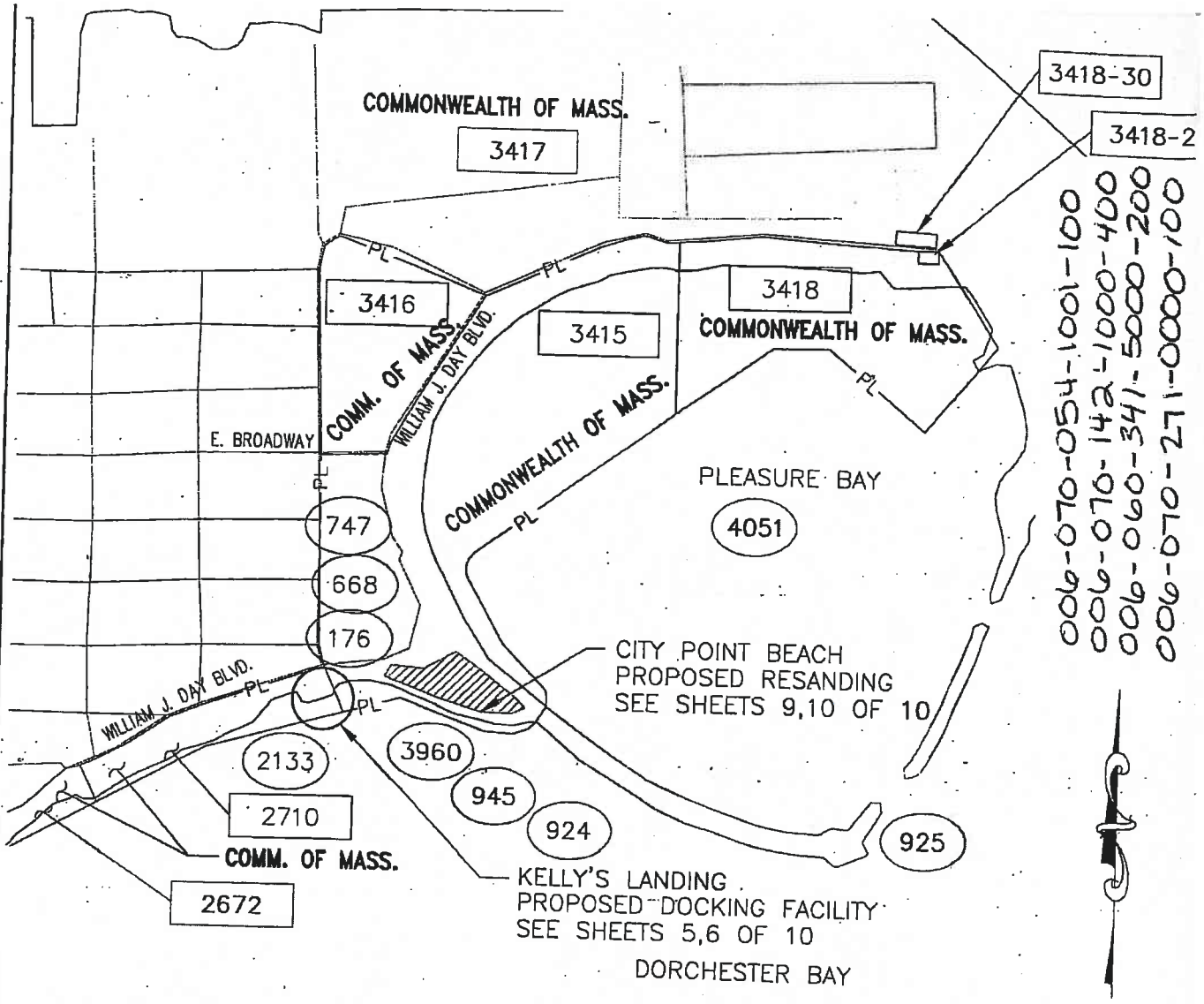
2145 PREVIOUS CH. 91 LICENSES
SEE ATTACHMENT 3 OF
WATERWAYS LICENSE APPLICATION

100yr. FLOOD +19.
HTL +12.
MHW +9.
NGVD +4.
MLW +0.

JANUARY 199
SHEET 1 OF 1

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN RIP RAP, FISHING PIER, DOCKING FACILITY AND BEACH RESANDING.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection of Massachusetts
JUN 13 1997



PARCEL #	
2672	2710
3415	3416
3417	3418
3418-2	3418-30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES
SEE ATTACHMENT 3 OF
WATERWAYS LICENSE APPLICATION

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED PROFESSIONAL ENGINEER

OVERALL PLAN

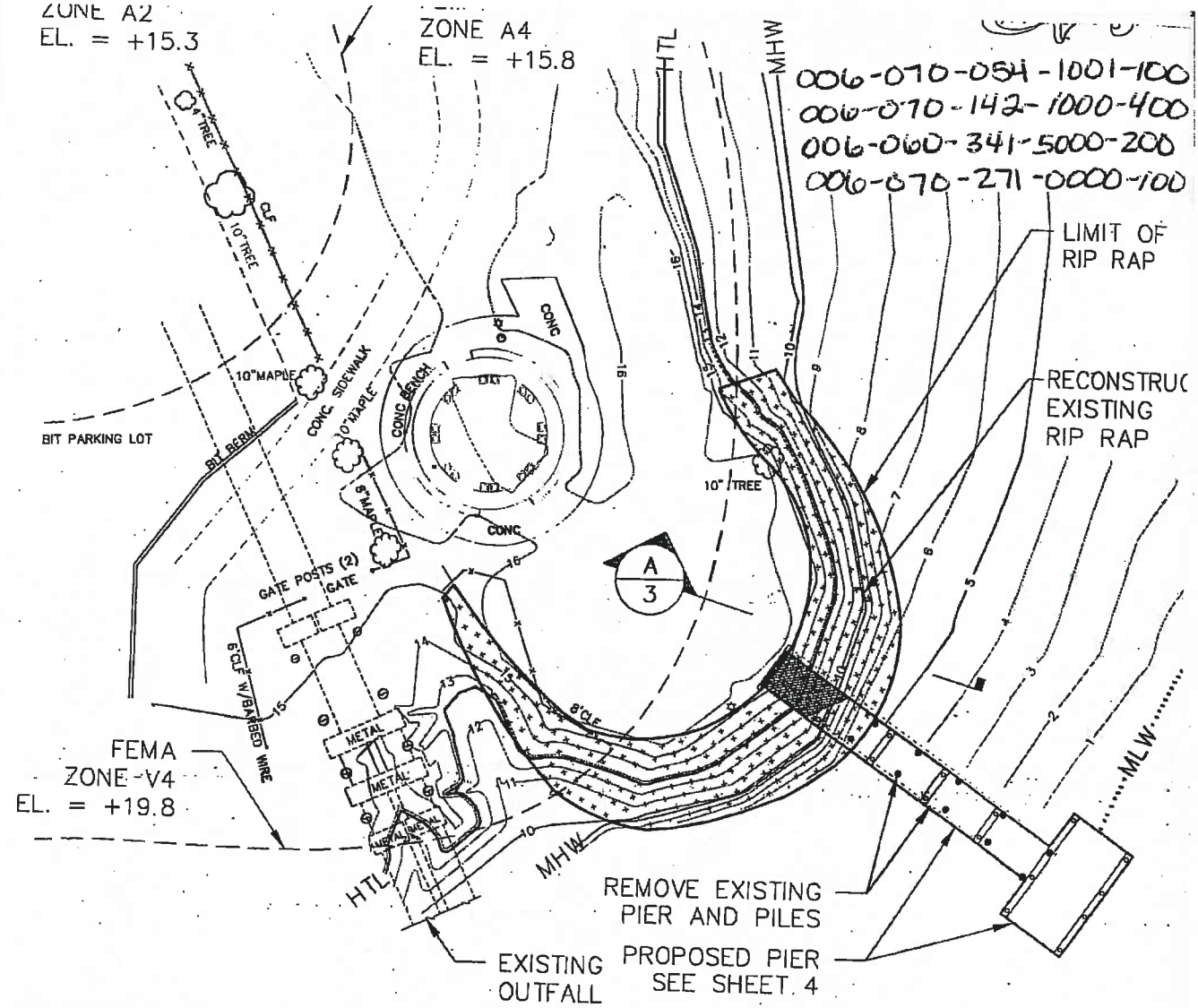
0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

100yr. FLOOD	+19.8
HTL	+12.8
MHW	+9.4
NGVD	+4.8
MLW	+0.0

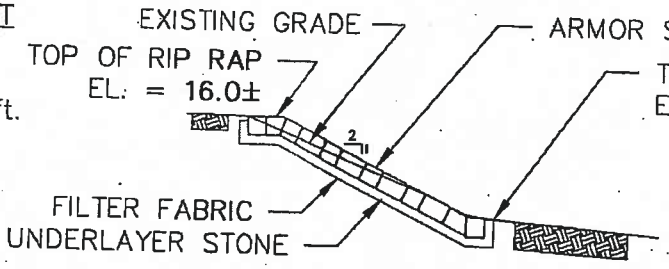
JANUARY 1997
SHEET 2 OF 10



RIP RAP AT MOTHER'S REST

AREA:
TOTAL 3,600 sq.ft.
BELOW HTL 2,200 sq.ft.

FILL VOLUME:
BELOW HTL 126 cu.ft.
BELOW MHW 52 cu.ft.



HTL +12.
MHW +9.
NGVD +4.
MLW +0.

A/3 RIP RAP RECONSTRUCTION

0 20 40

SCALE: 1" = 20'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISHING PIER-PLAN

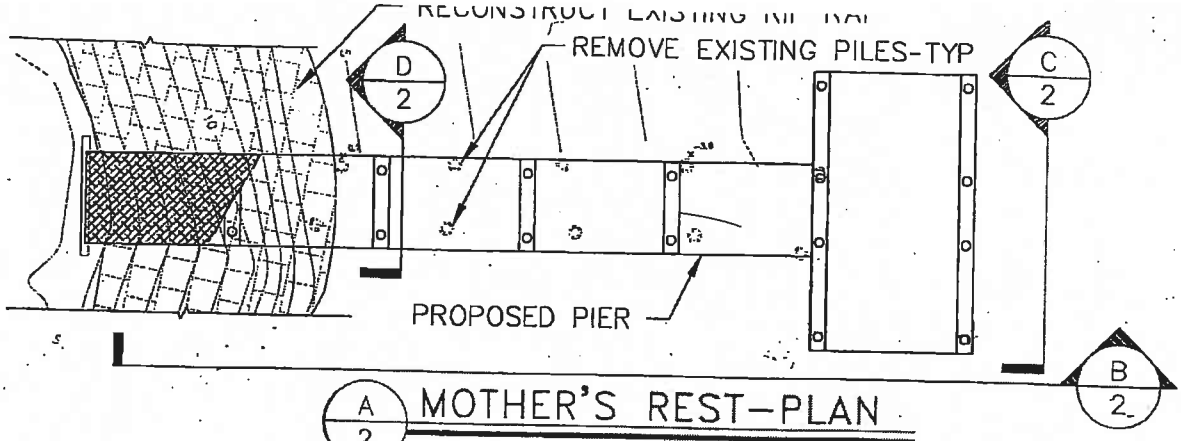
0 40 80

SCALE: 1" = 40'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30961
REGISTERED
PROFESSIONAL ENGINEER

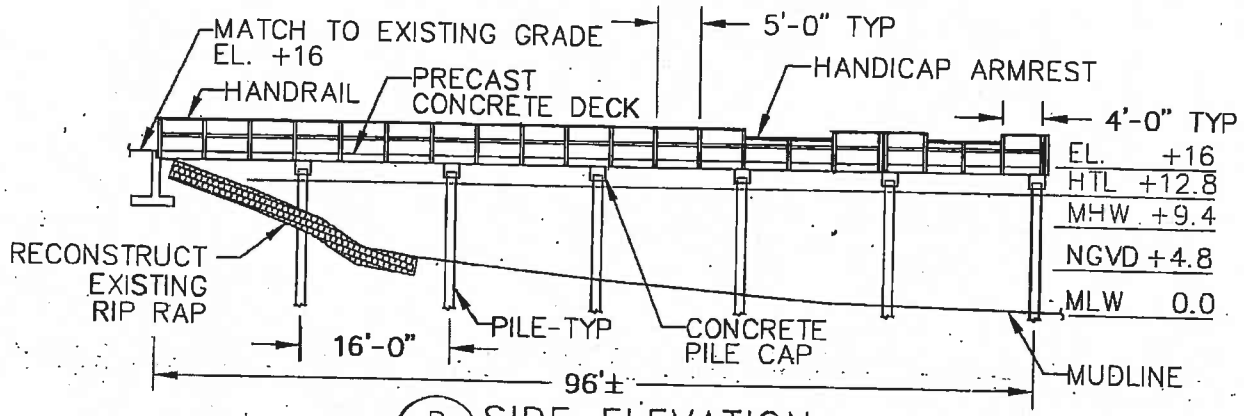
100 YR. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 3 OF 10



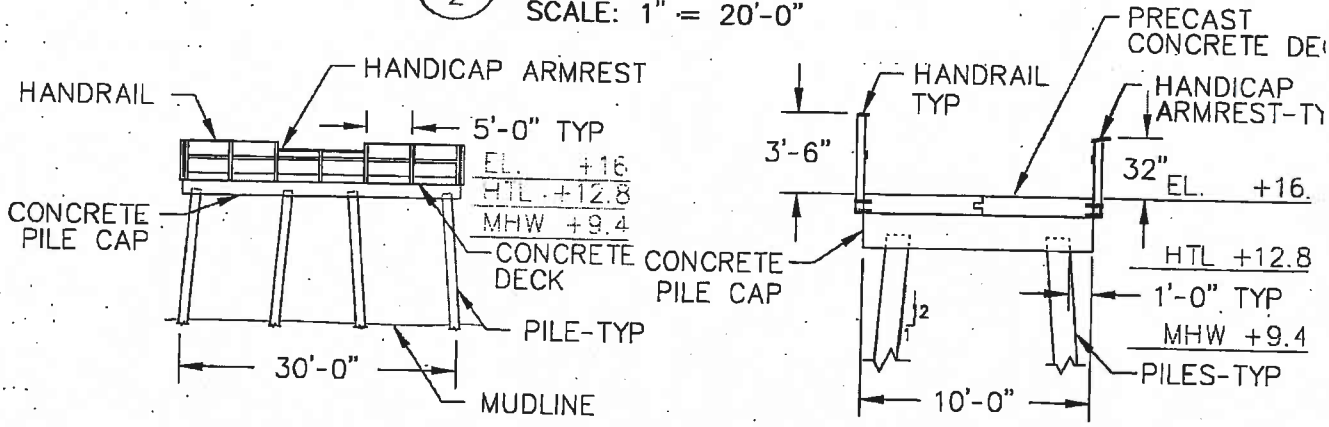
A 2 MOTHER'S REST—PLAN

SCALE: 1" = 20'-0"



B 2 SIDE ELEVATION

SCALE: 1" = 20'-0"



C 2 END ELEVATION

SCALE: 1" = 20'-0"

D 2 TYPICAL CROSS SECTIO

0 8 16

SCALE: 1/8" = 1'-0"

LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection

Date: JUN 13 1997

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURRE
STRUCTURAL
No. 30951
REGISTERED
PROFESSIONAL ENGINEER

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISH PIER

0 20 40

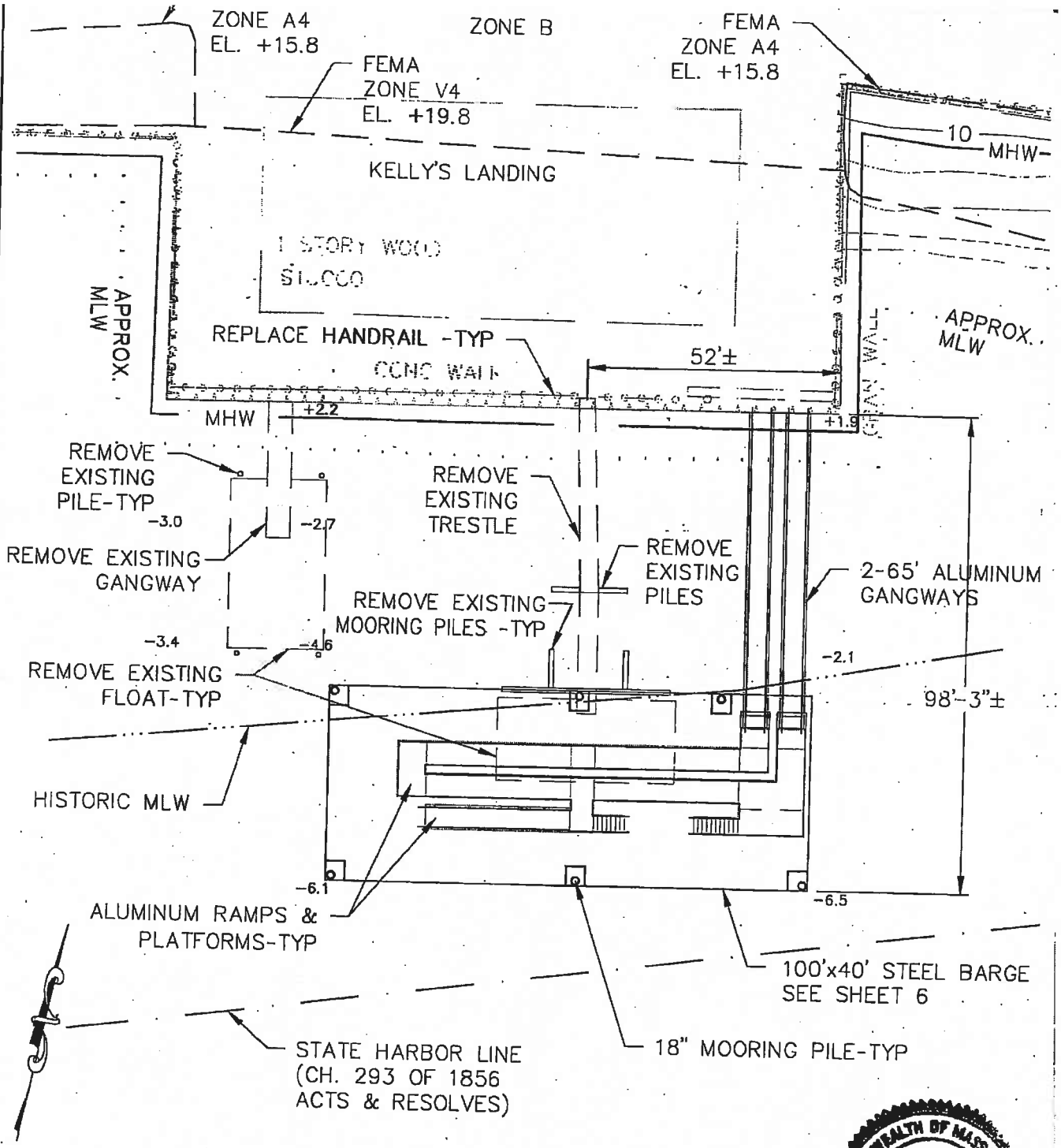
SCALE: 1" = 20'

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

100 YR. FLOOD +19.
HTL +12.
MHW +9.
NGVD +4.
MLW 0.

JANUARY 199

SHEET 4 OF 1



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30961
REGISTERED
PROFESSIONAL ENGINEER

KELLY'S LANDING PROPOSED DOCKING FACILITY–PLAN

0 30 60

SCALE: 1" = 30'–0"

OLD HARBOR

DORCHESTER BAY

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

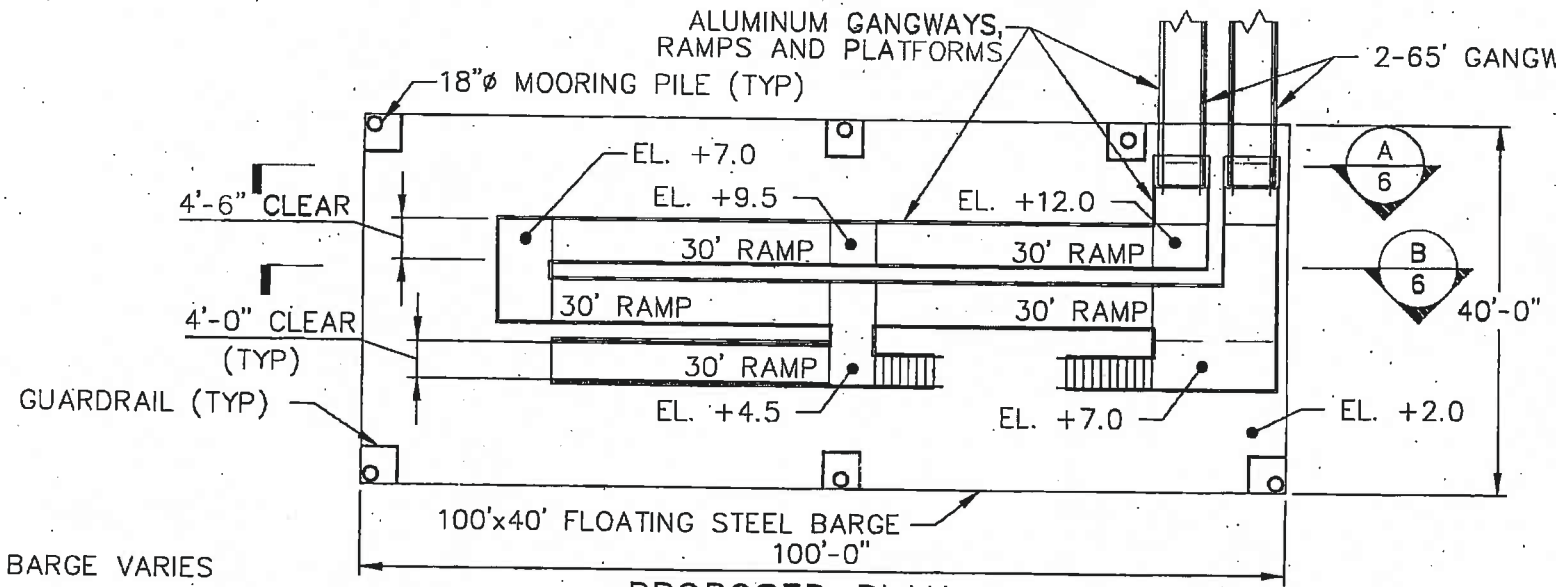
LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection
Date JUN 13 1997

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 5 OF 10

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date JUN 13 1997

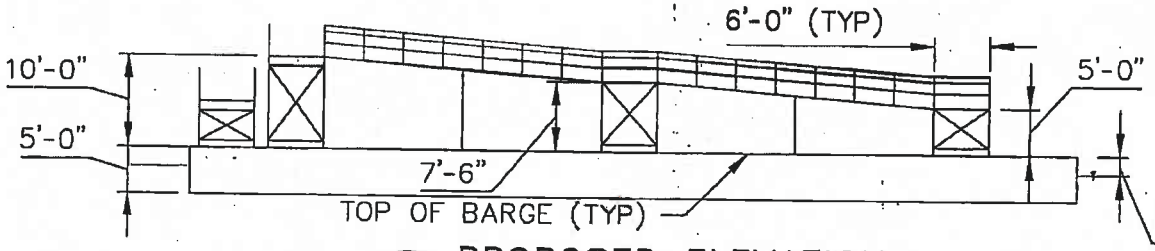


NOTE:
ELEVATION AT BARGE VARIES
ELEVATION SHOWN BASED ON BARGE @ MLW

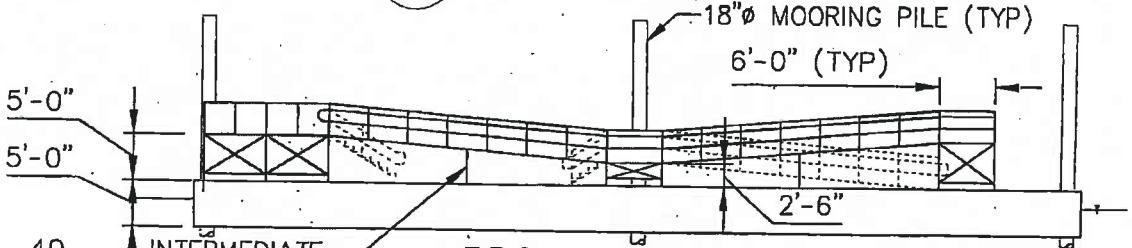
PROPOSED PLAN

OLD HARBOR / DORCHESTER BA

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-260
006-070-271-0000-100



A 6 PROPOSED ELEVATION



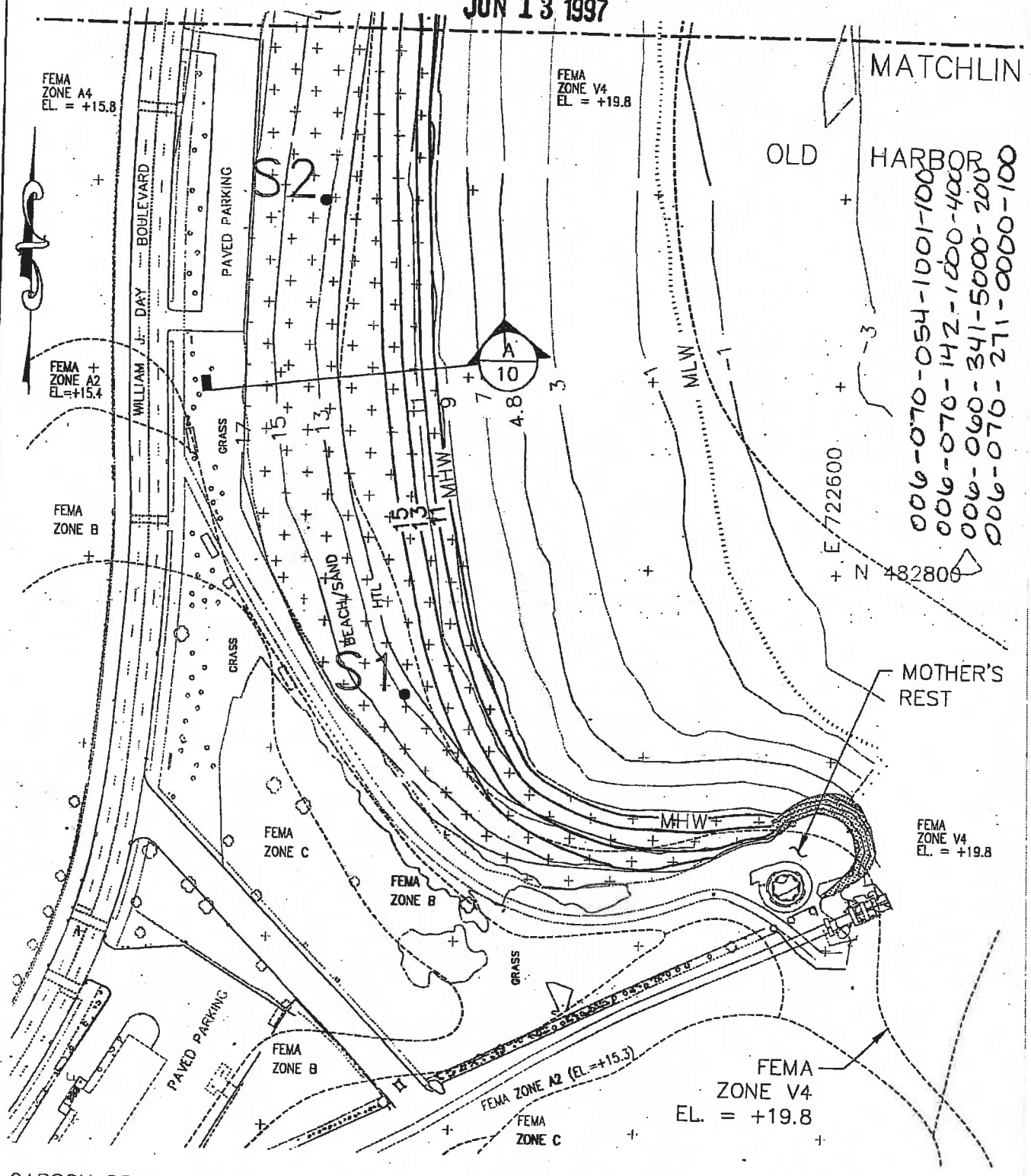
B 6 PROPOSED ELEVATION

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8

0 20 40
SCALE: 1" = 20'-0"

JANUARY 1997
SHEET 6 OF 10

Approved by Department of Environmental Protection
Date: JUN 13 1997



CARSON BEACH RESANDING AREA
TOTAL AREA = 283,000 sq.ft.
TOTAL VOLUME = 15,000 cu.yd.

BEYOND HTL
AREA = 130,000 sq.ft.
VOLUME = 10,000 cu.yd.

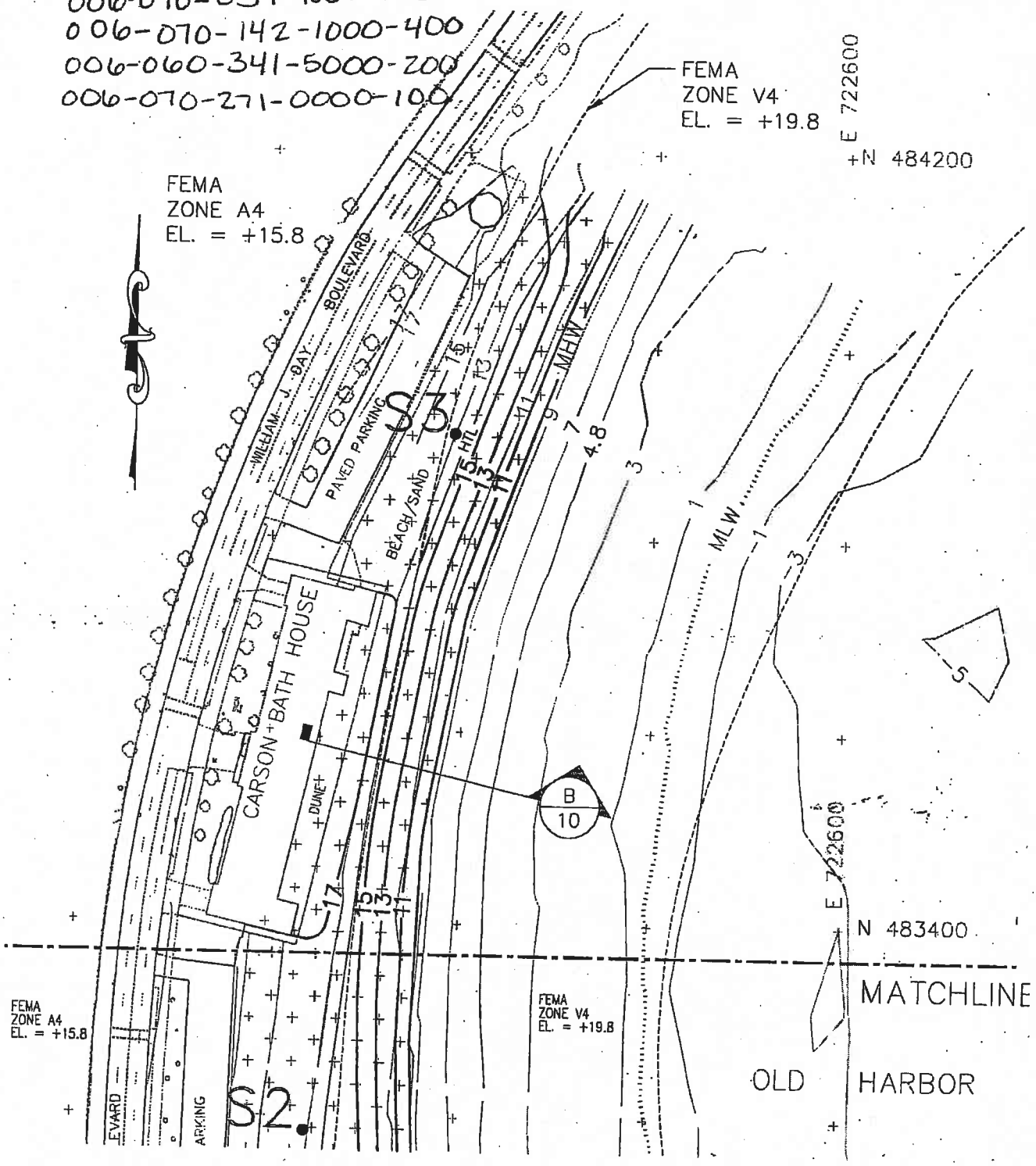
CARSON BEACH
PROPOSED RESANDING—PLAN

0 150 300
SCALE: 1" = 150'-0"

RONALD R. BEAUPRE STRUCTURAL No. 30861 REGISTERED PROFESSIONAL ENGINEER

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0
JANUARY 1997
SHEET 7 OF 10

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

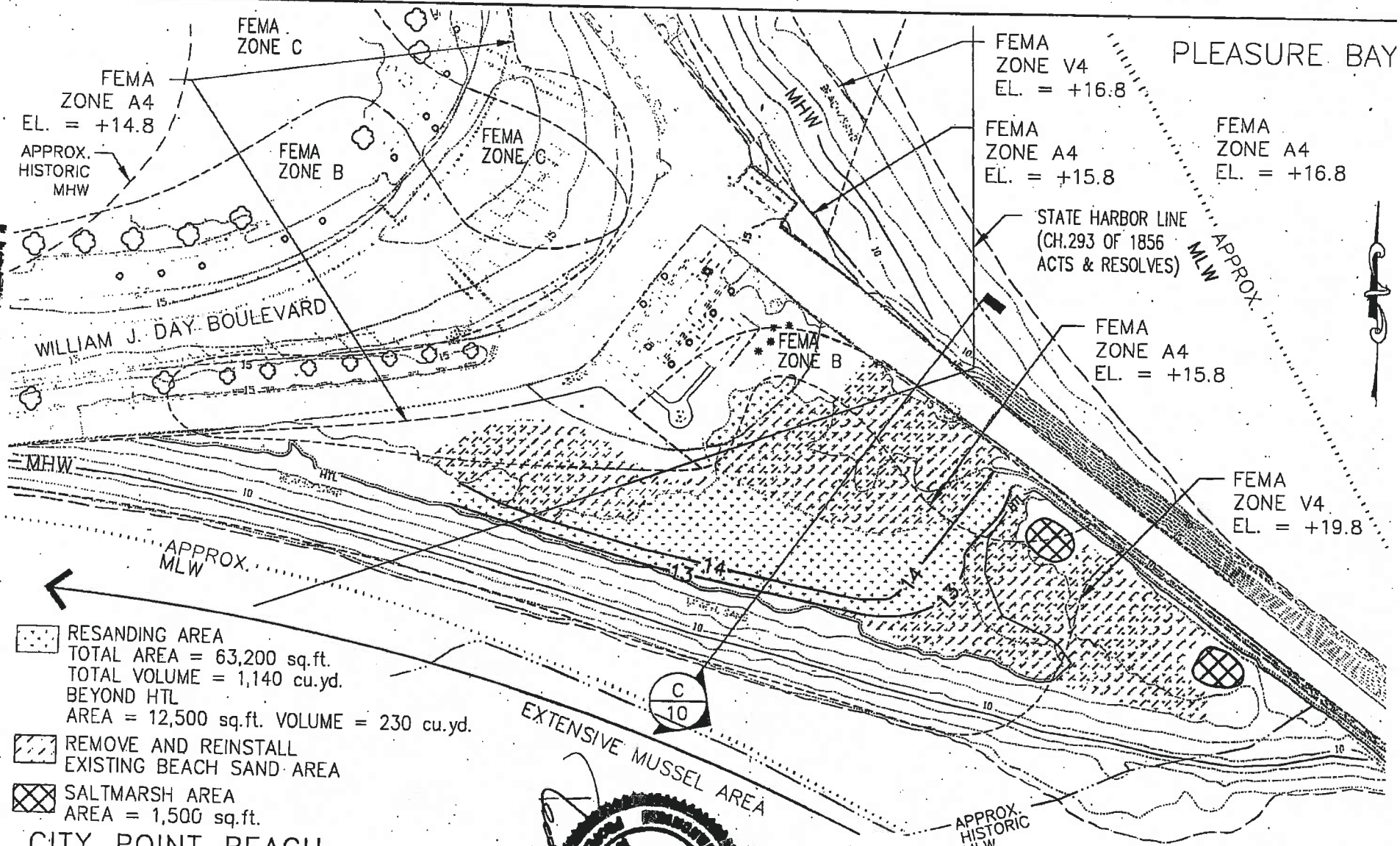
CARSON BEACH
PROPOSED RESANDING—PLAN

0 150 300

SCALE: 1" = 150'—0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30661
REGISTERED
PROFESSIONAL ENGINEER

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0
JANUARY 1997
SHEET 8 OF 10



LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date JUN 13 1997

CITY POINT BEACH
PROPOSED RESANDING—PLAN

0 100 200
SCALE: 1" = 100'-0"

JANUARY 1997
SHEET 9 OF 10

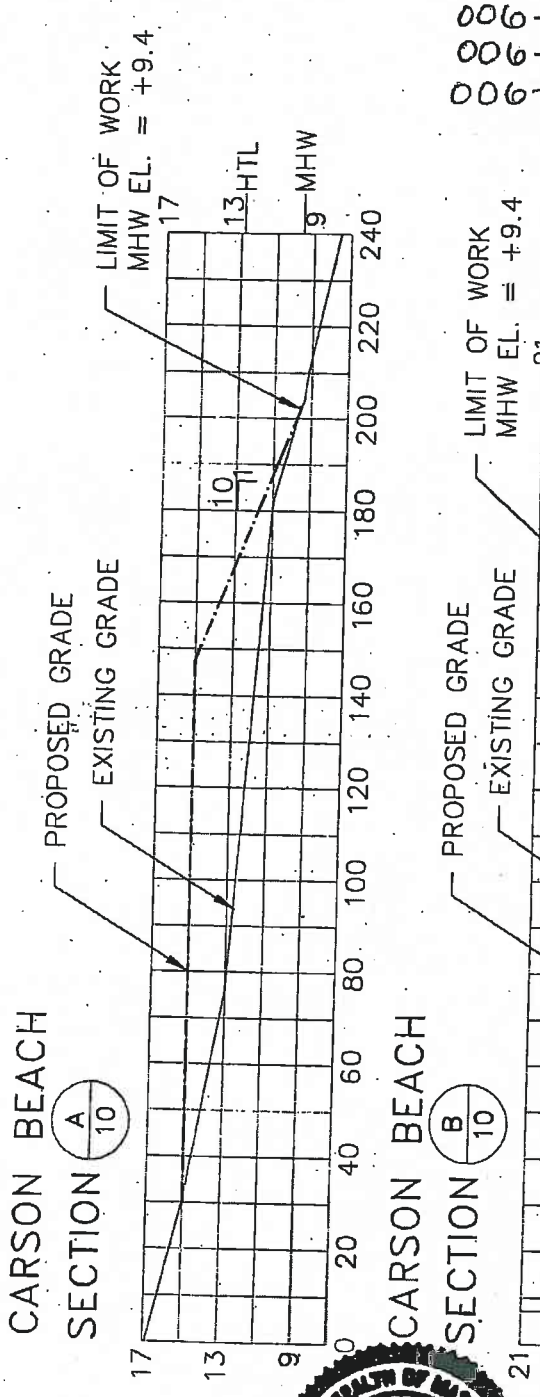
RONALD R. BOURRE STRUCTURAL No. 35661

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

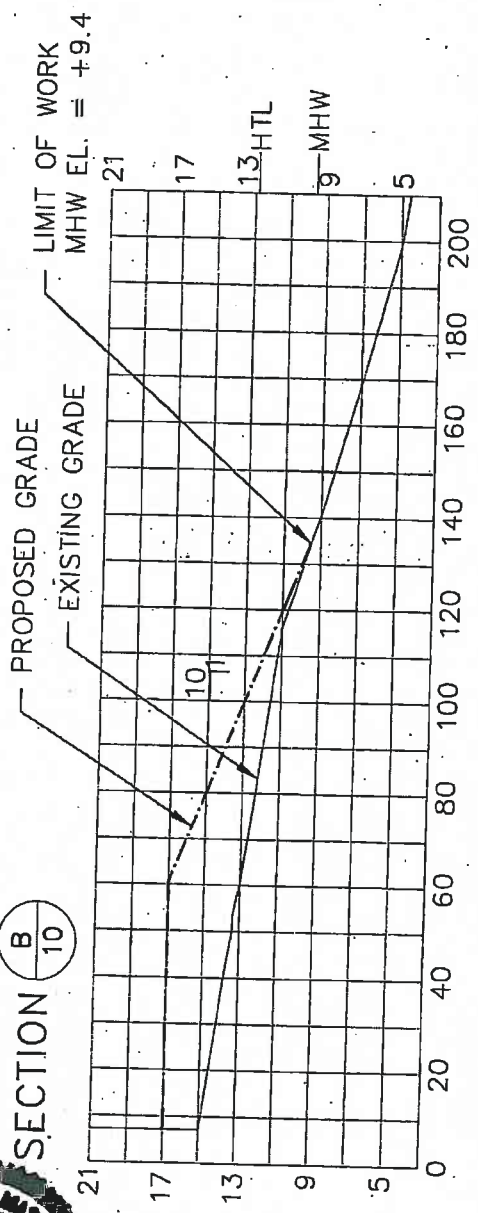
100yr. FLOOD	+19.8
HTL	+12.8
MHW	+9.4
NGVD	+4.8
MLW	+0.0

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

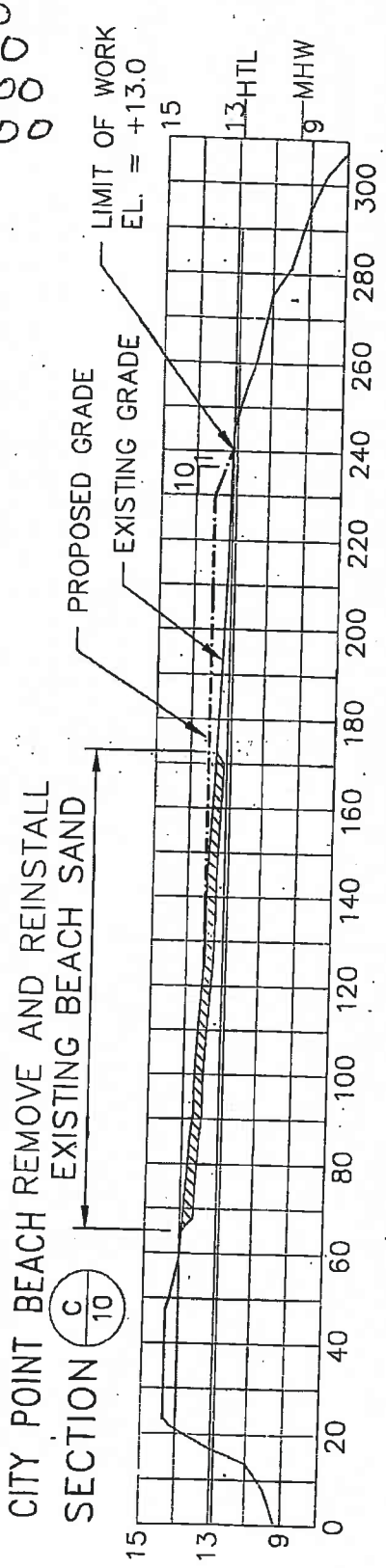
006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



CARSON BEACH
SECTION A/10



CARSON BEACH
SECTION B/10



CITY POINT BEACH
SECTION C/10

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURRE
STRUCTURAL
No. 30961
REGISTERED
PROFESSIONAL ENGINEER

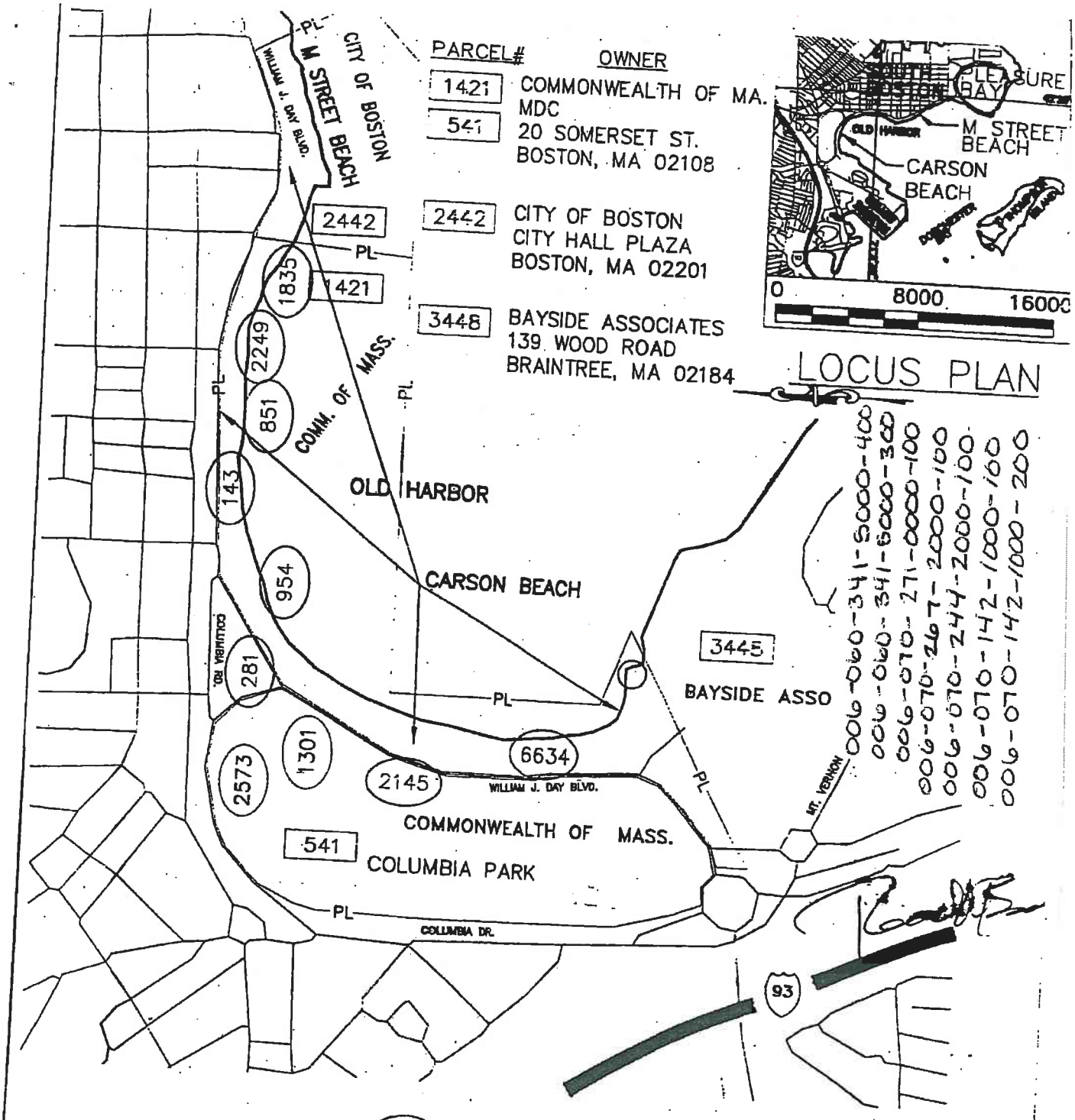
PROPOSED RESANDING—CROSS SECTION

HORIZONTAL SCALE
0 40 80
SCALE: 1" = 40'-0"

VERTICAL SCALE
0 10 20
SCALE: 1" = 10'-0"

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0

JANUARY 1997
SHEET 10 OF 10



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

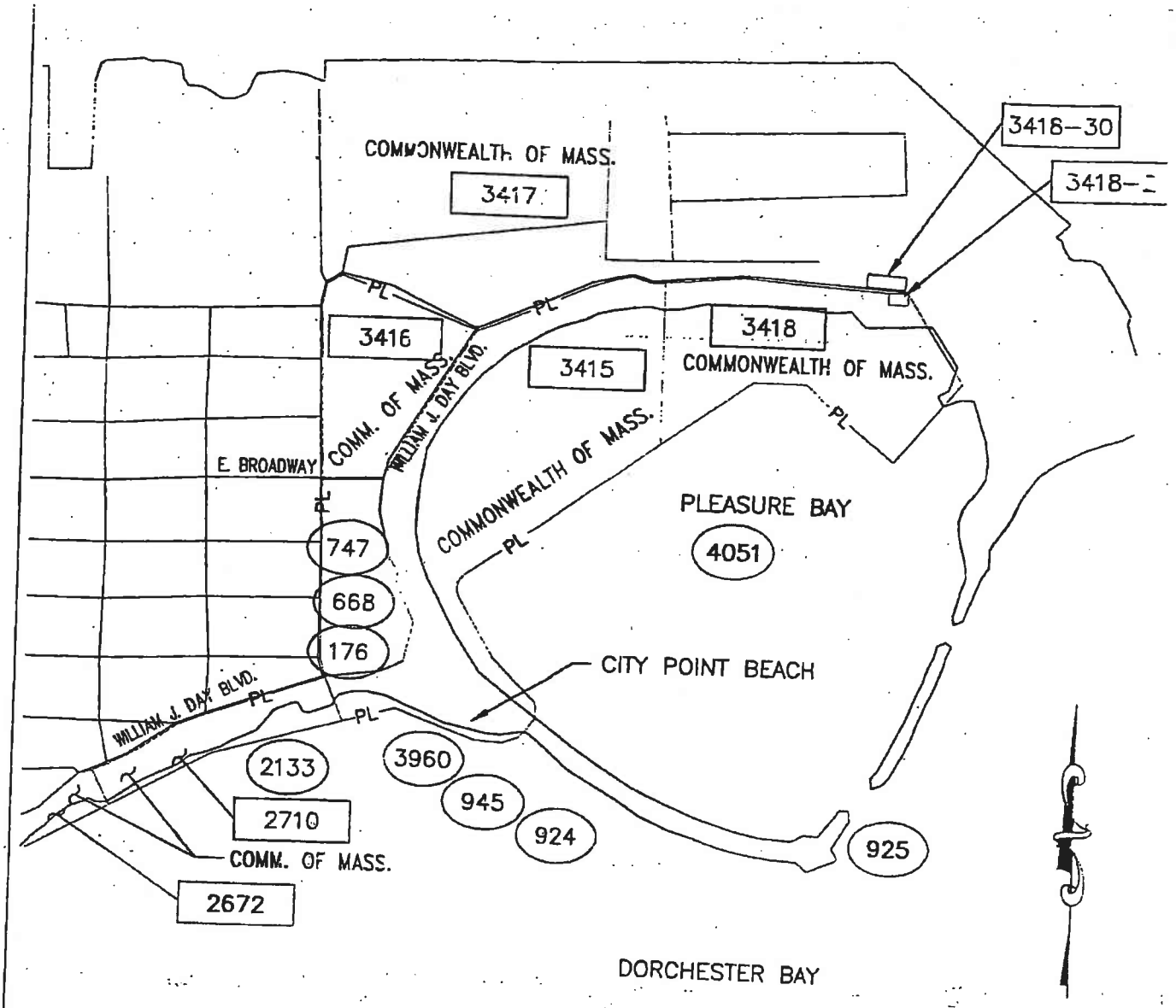
2145 PREVIOUS CH. 91 LICENSES

100yr. FLOOD +19.6
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 1A OF 24

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN PUBLIC ACCESS FACILITIES INCLUDING BOARDWALKS & BEACH ENTRANCES & RECONSTRUCT SIDEWALKS, SITE WALLS & PARKING LOTS.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Commonwealth of Massachusetts
JUL 21 1998
For James Sprague



PARCEL #	
2672	2710
3415	3416
3417	3418
3418–2	3418–30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 7386

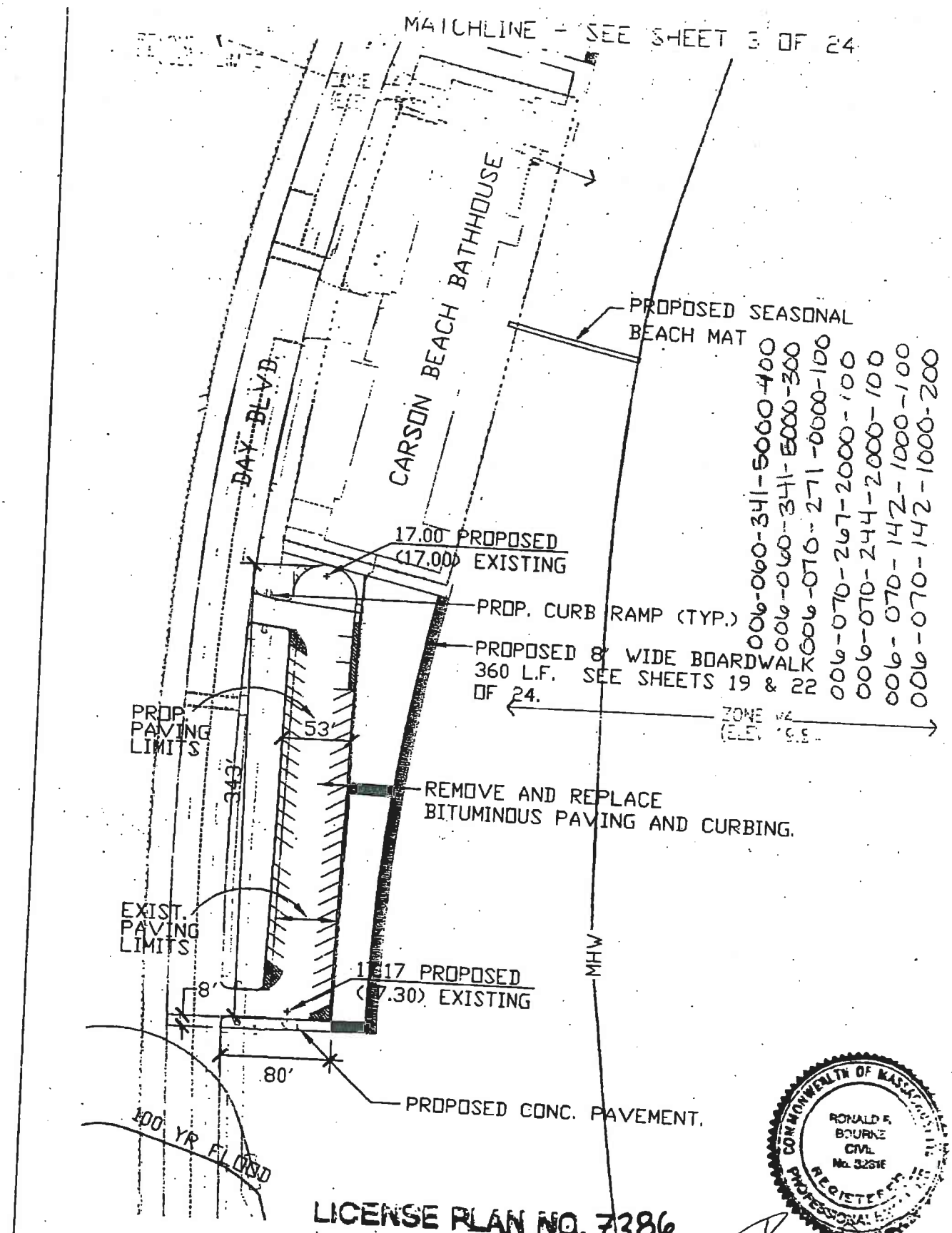
Approved by Department of Environmental Protection

Date JUL 21 1998

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998

SHEET 1B OF 2



LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: JUL 21 1999

RONALD F. BOURNE CIVIL No. 32316 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

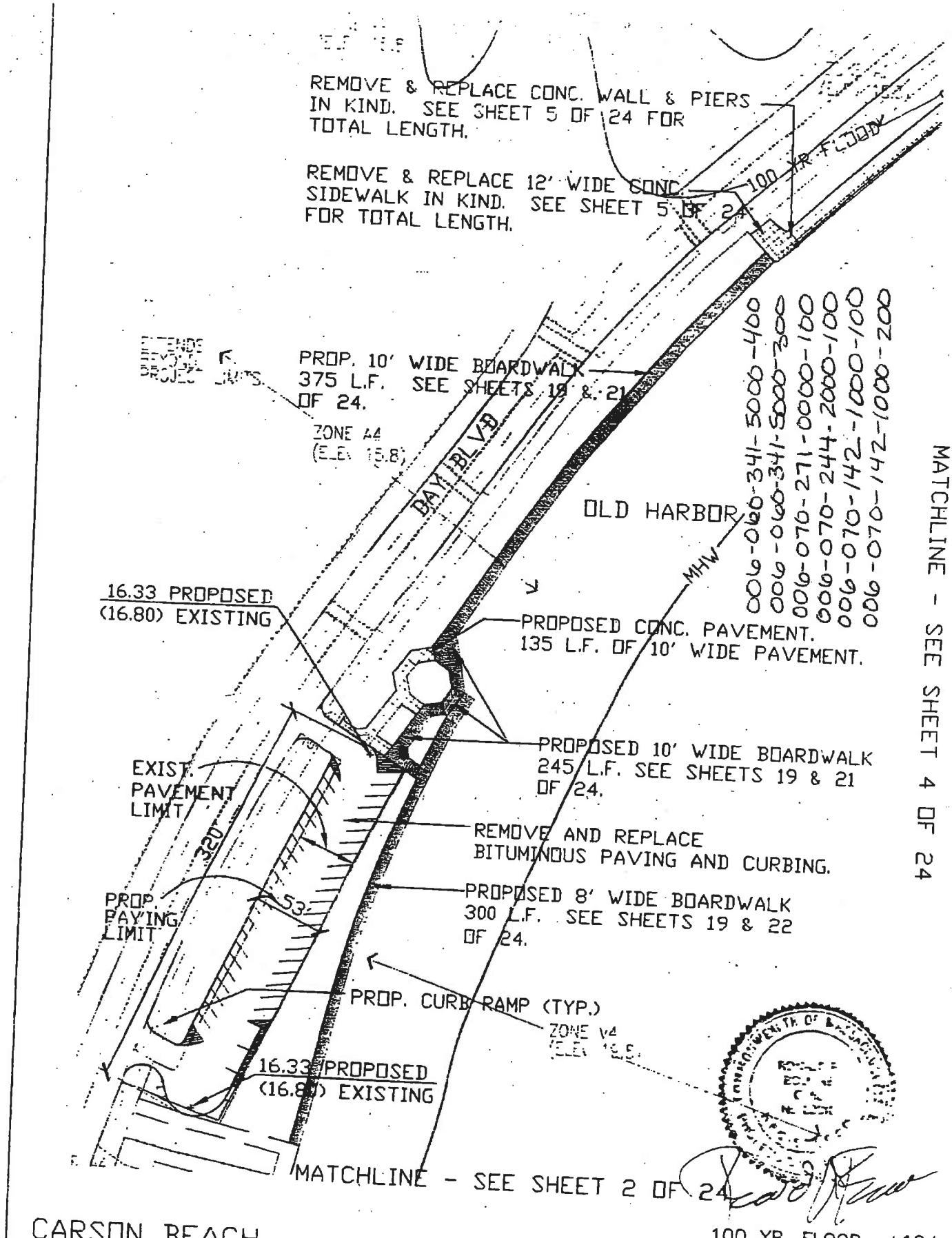
0 100 200

SCALE: 1" = 100'-0"

100 YR. FLOOD +19.
MHW +9
MSL +4
MLW +0

FEBRUARY 199

SHEET 4 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1" = 100'

LICENSE PLAN NO. 7386

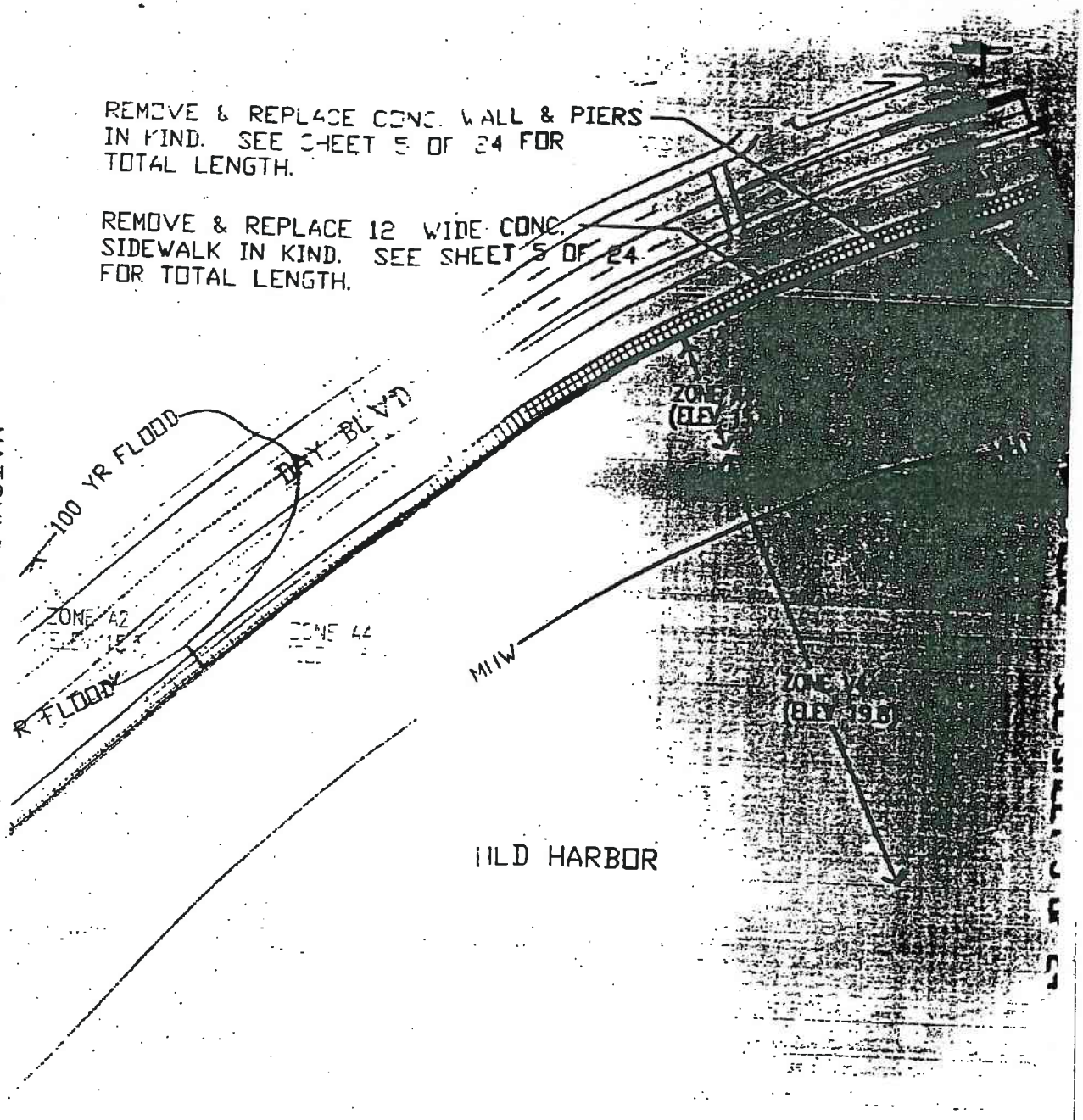
Approved by Department of Environmental Protection

Date: 11/21/1998

100 YR. FLOOD	+19.8
MHW	+9.
MSL	+4.
MLW	+0.

FEBRUARY 1998

SHEET 3 OF 24



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006-060-341-5000-300
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006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURKE
CIVIL
No. 32918
REGISTERED PROFESSIONAL ENGINEER

100 YR. FLOOD +19
MHW +8
MSL +4
MLW +0

CARSON BEACH
PROPOSED CONSTRUCTION PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 19
SHEET 4 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
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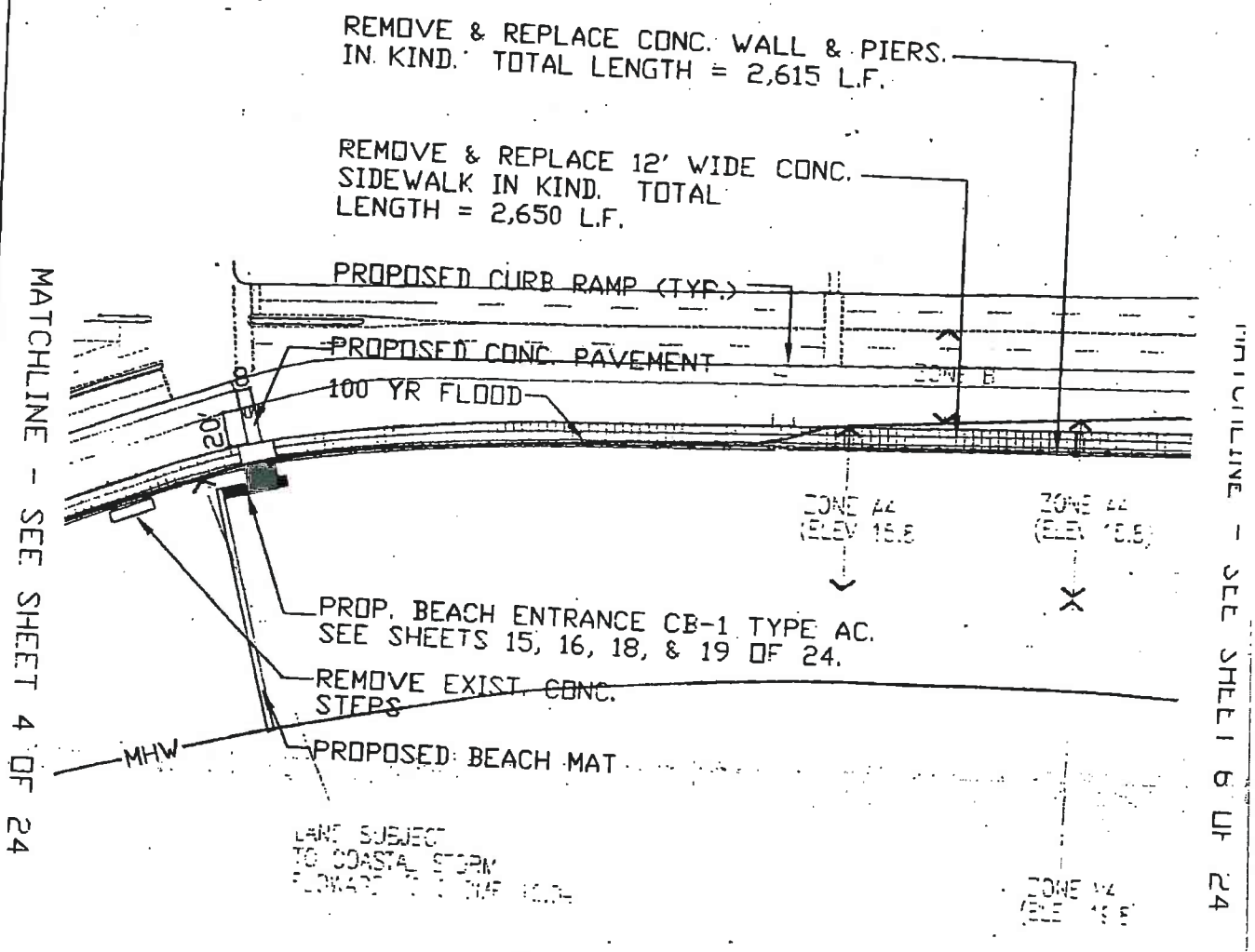

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
CIVIL
No. 32016
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 5 OF 24

006-060-341-5000-400
006-060-341-5000-300
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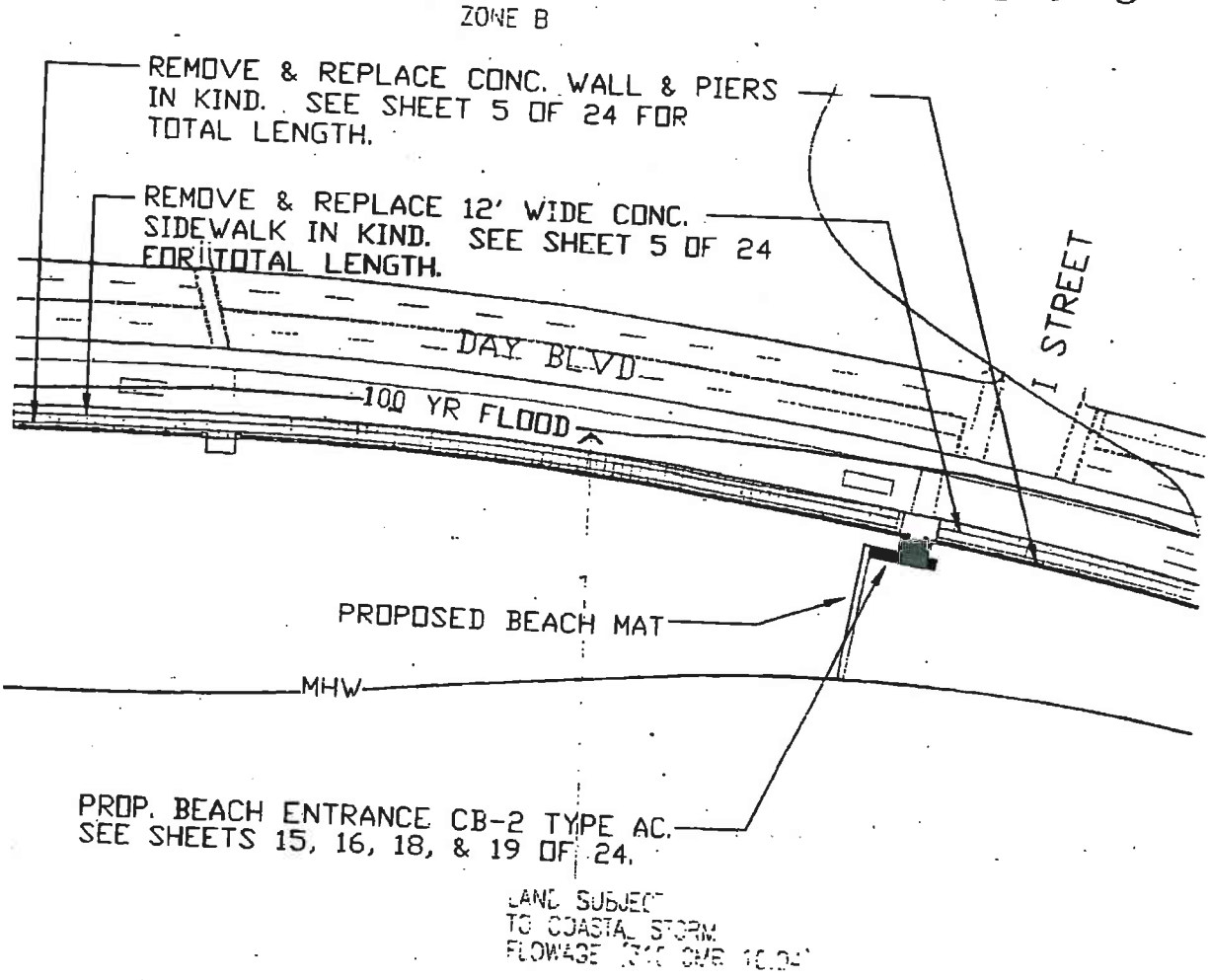

MATCHLINE - SEE SHEET 5 OF 24

MATCHLINE - SEE SHEET 1 / OF 24

RONALD F BOURNE CIVIL No. 32216 REGISTERED PROFESSIONAL

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100'-0"

LICENSE PLAN NO 7386

Approved by Department of Environmental Protection

Date: OCT 9 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 6 OF 24

006-060-341-5000-400
006-060-341-5000-300
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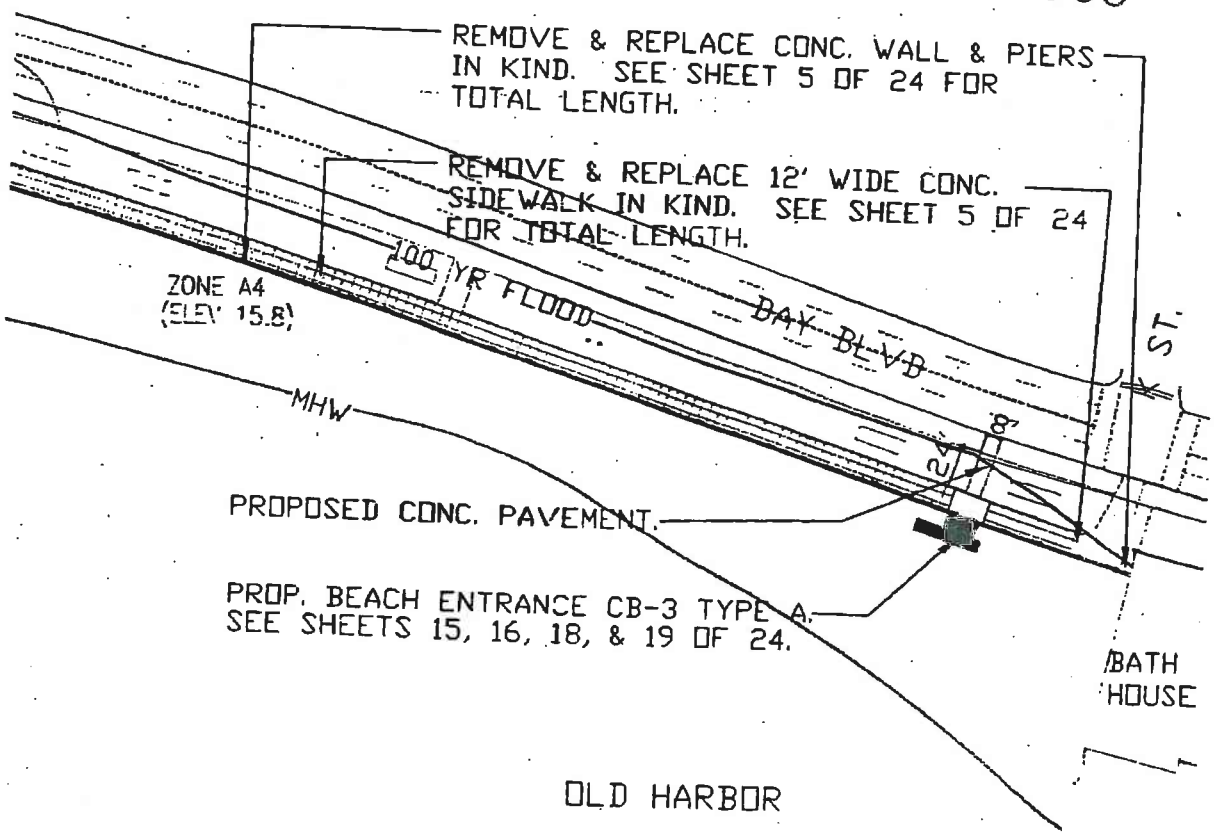
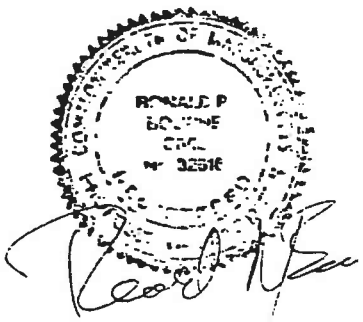


MATCHLINE - SEE SHEET 6 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 7 OF 2

006-060-341-5000-400
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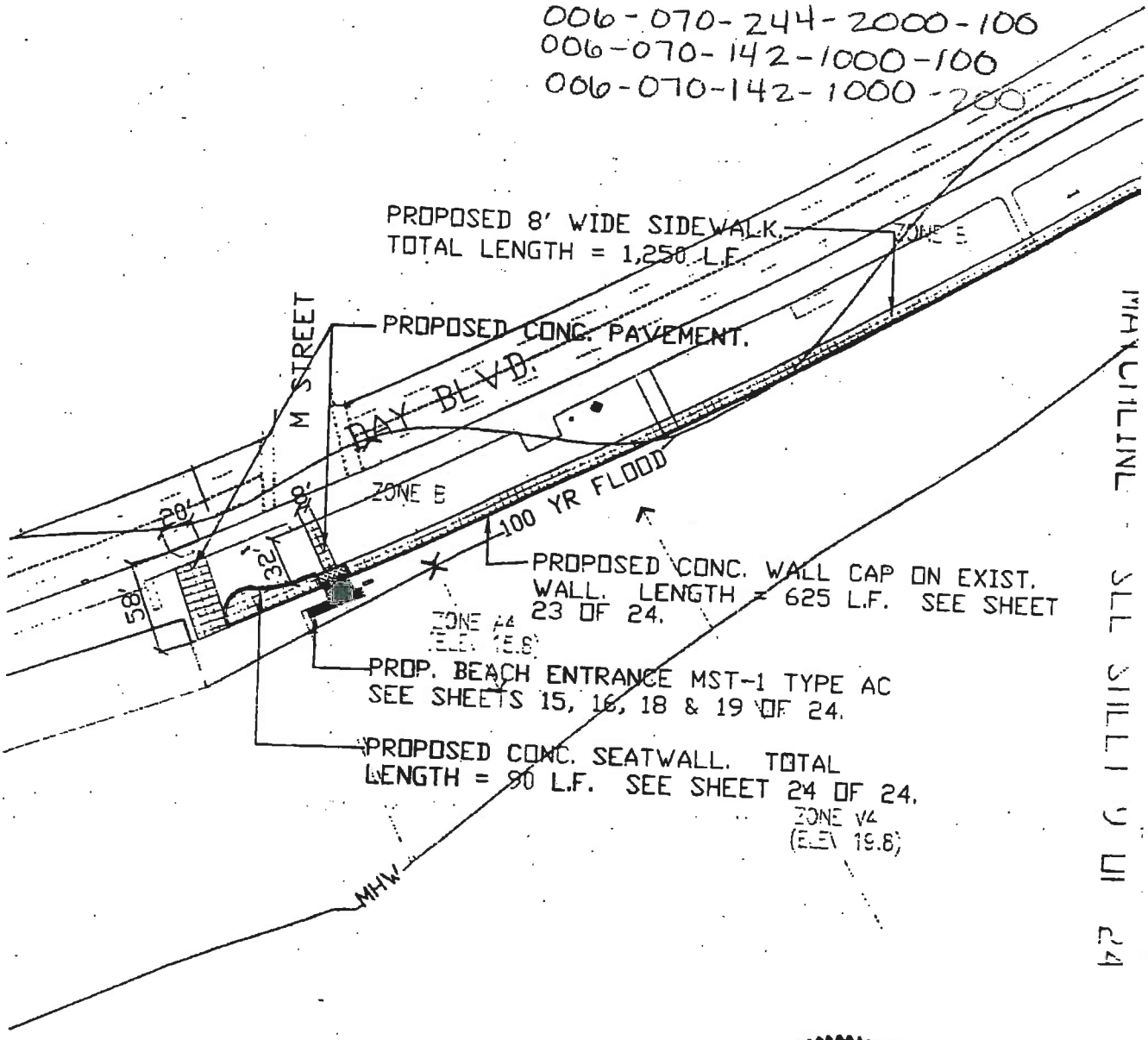

MAY CHILINE SEE SHEET 5 OF 24

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
CIVIL
No. 32618
REGISTERED PROFESSIONAL ENGINEER

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: [illegible]

100 YR. FLOOD +19.[illegible]
MHW +9.[illegible]
MSL +4.[illegible]
MLW +0.[illegible]

FEBRUARY 199[illegible]
SHEET [illegible] OF [illegible]

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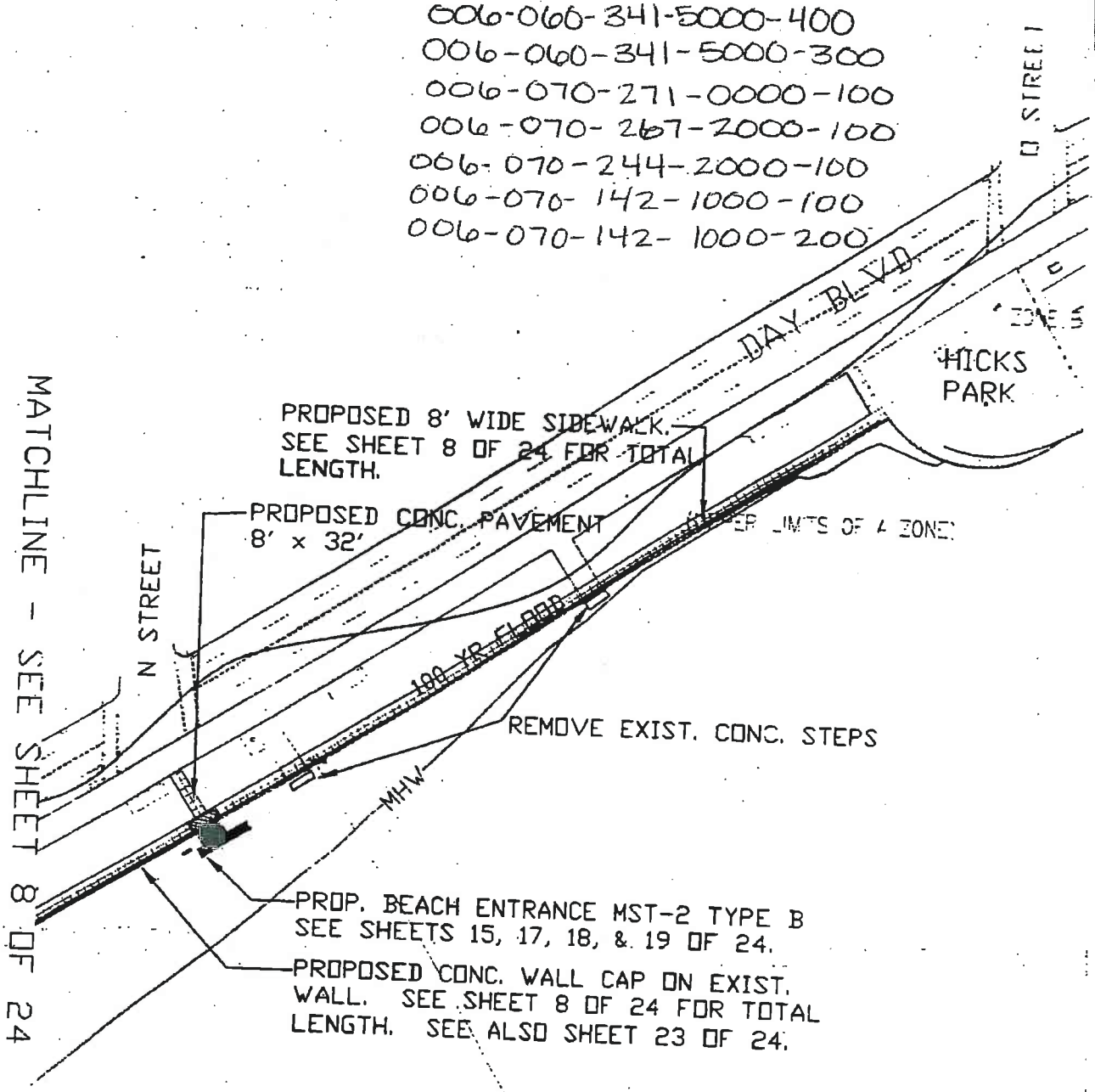
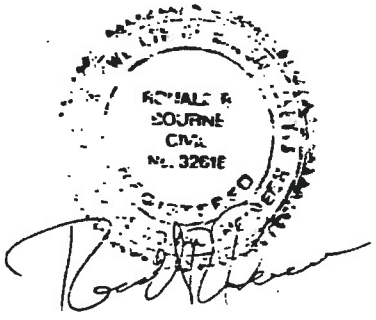




M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

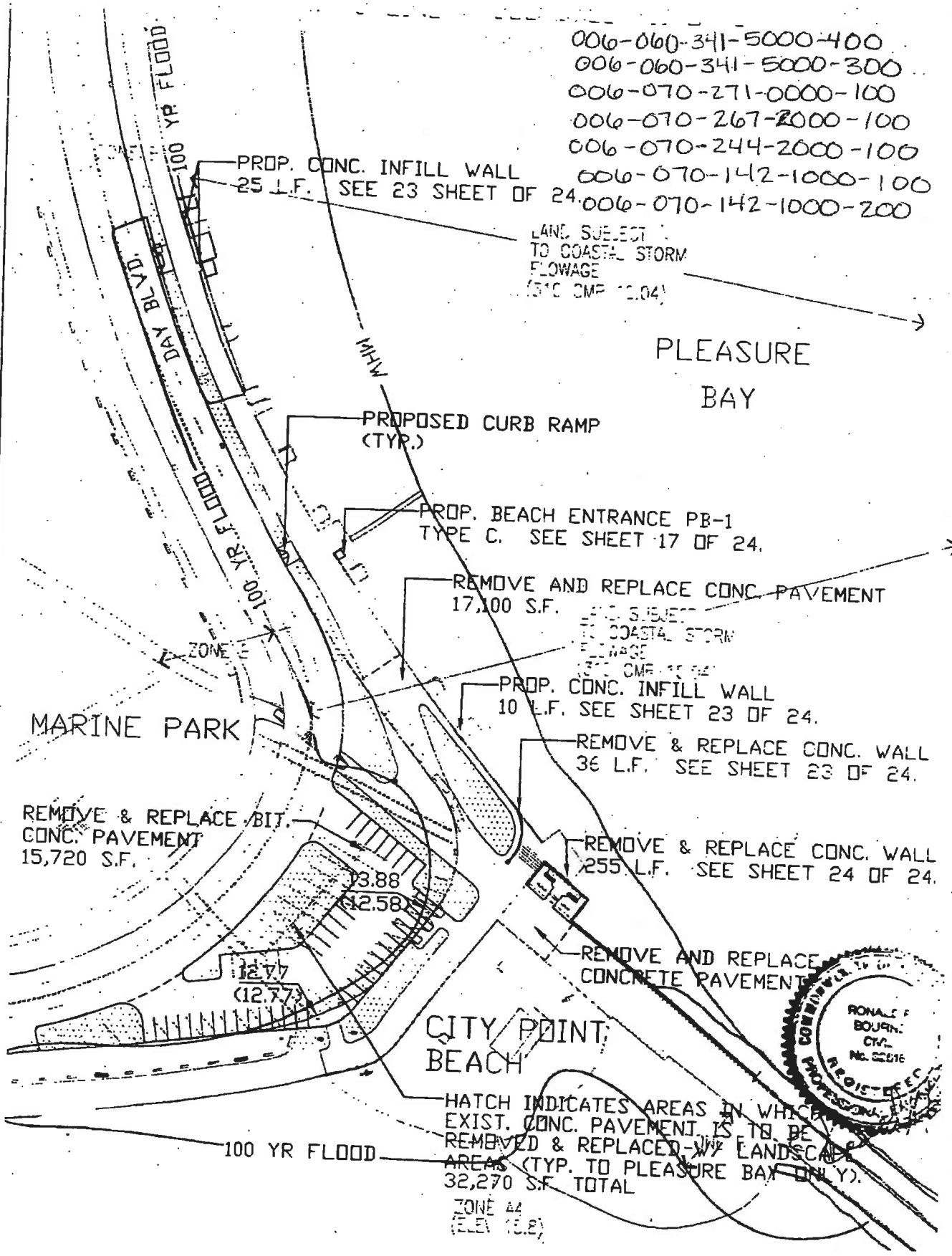
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

Department of Environmental Protection
MAY 21 1999

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 9 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

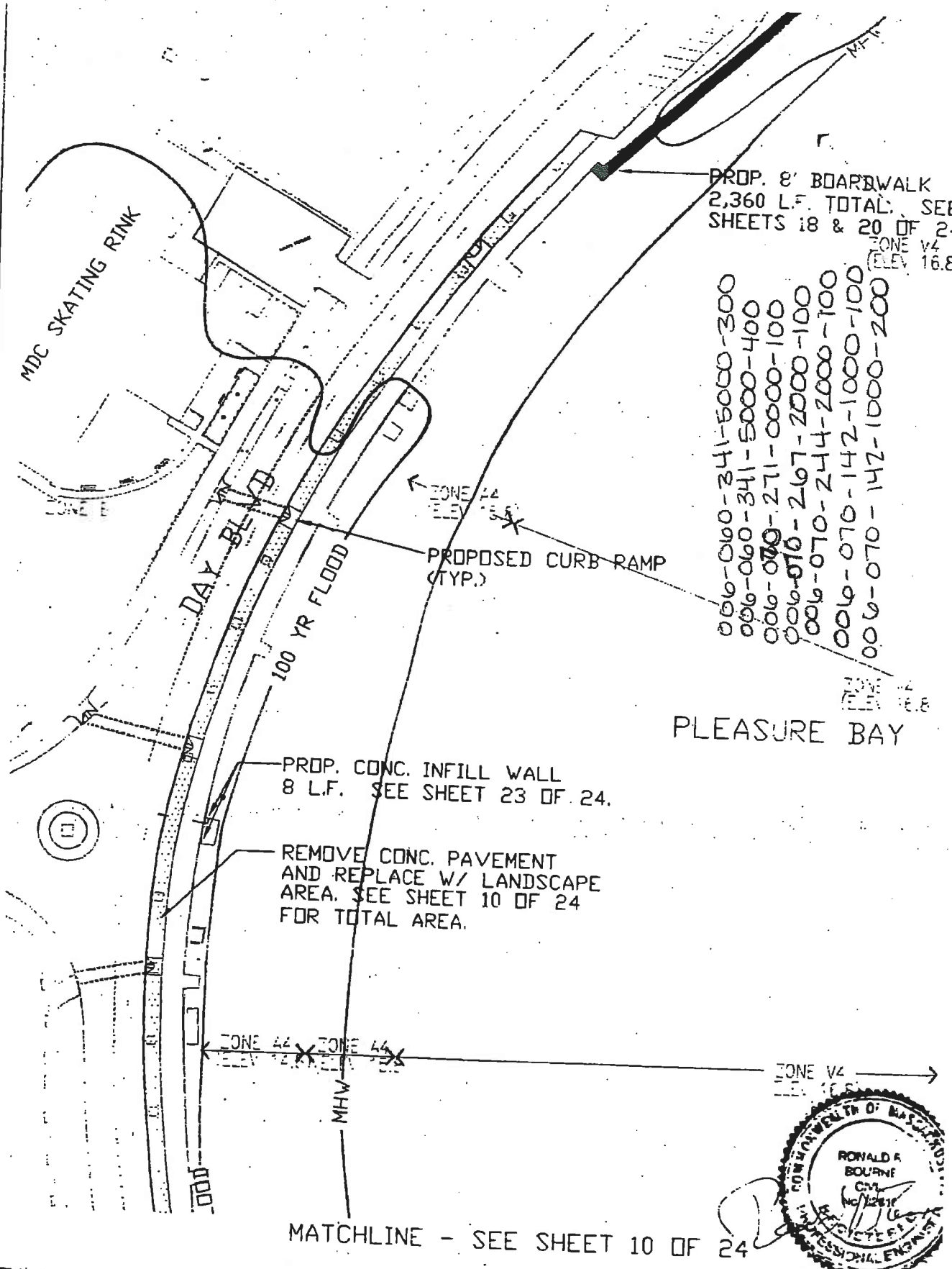
SCALE 1"=100'-0"

LICENSE PLAN NO. 7386

Date: 11 9 1998

100 YR. FLOOD	+19
MHW	+9
MSL	+4
MLW	+0

FEBRUARY 199[illegible]
SHEET 10 OF [illegible]



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

DATE: 9 4 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 11 OF 2

006-060-341-5000-400
006-060-341-5000-300
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006-070-267-2000-100
006-070-244-2000-100
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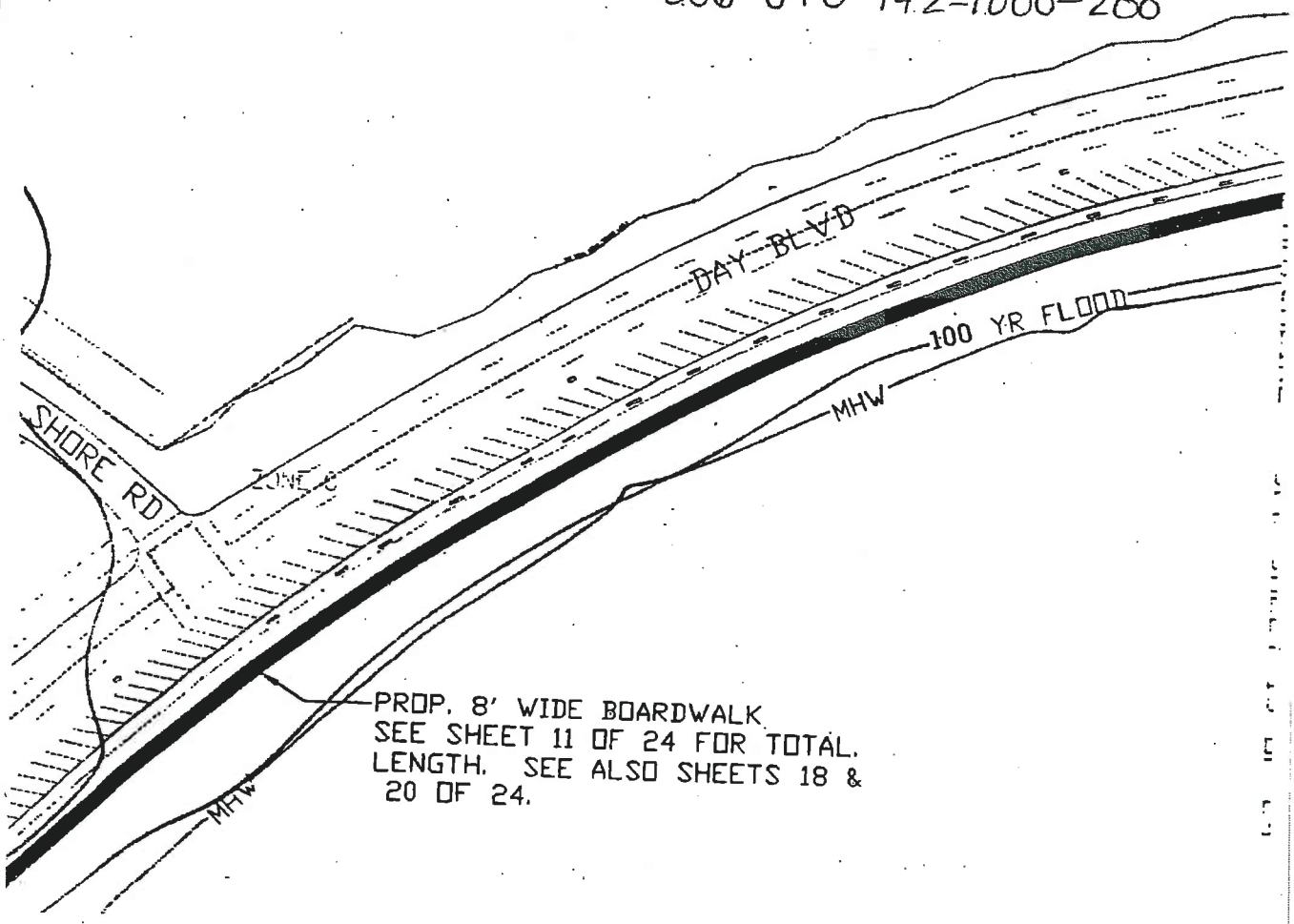

MATCHLINE - SEE SHEET 11 OF 24

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100'-0"

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD	+19.8
MHW	+9.4
MSL	+4.8
MLW	+0.0

FEBRUARY 1998

SHEET 12 OF 24

006-060-341-5000-400
006-060-341-5000-300
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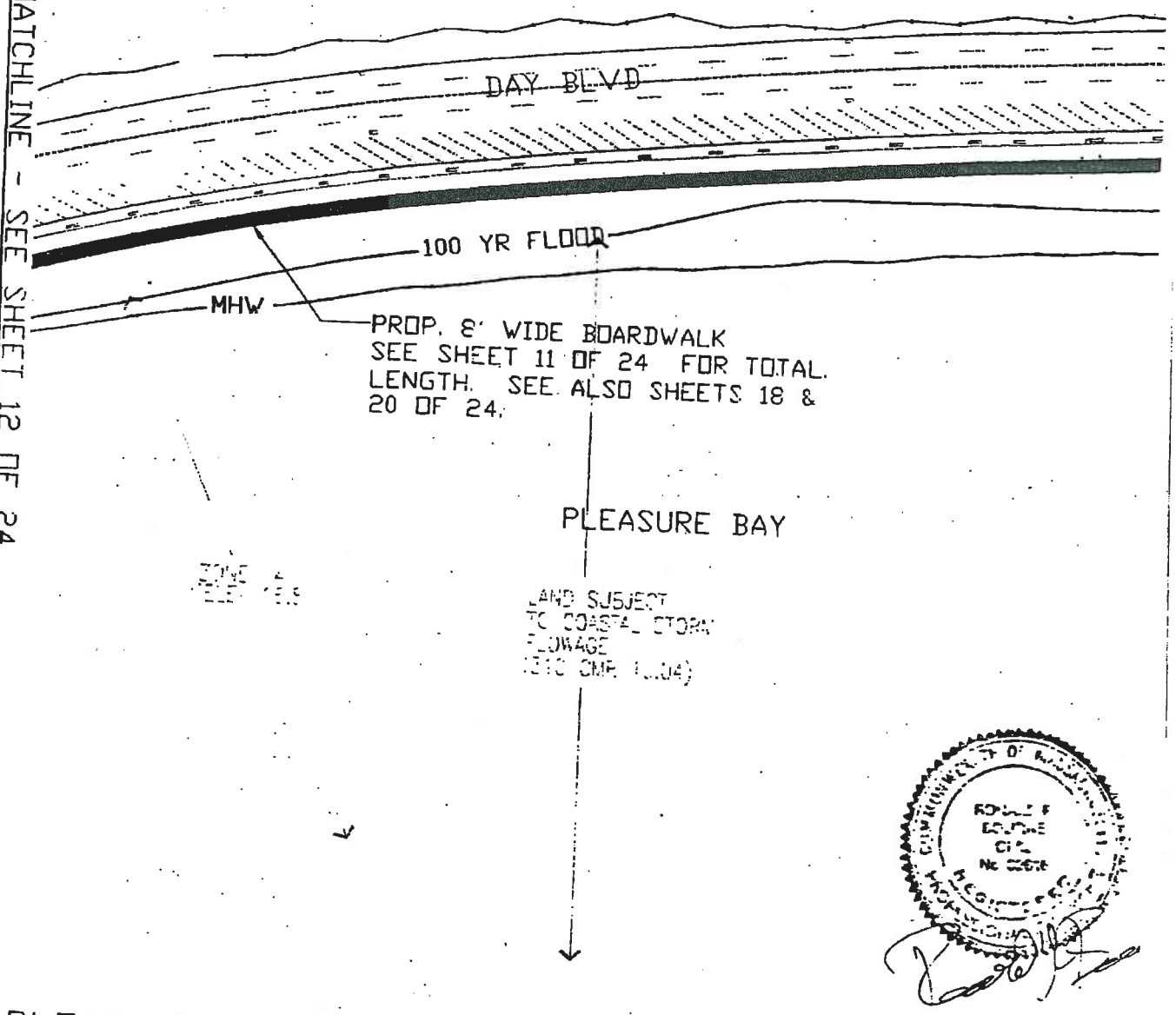

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 13 OF

006-060-341-5000-400
006-060-341-5000-300
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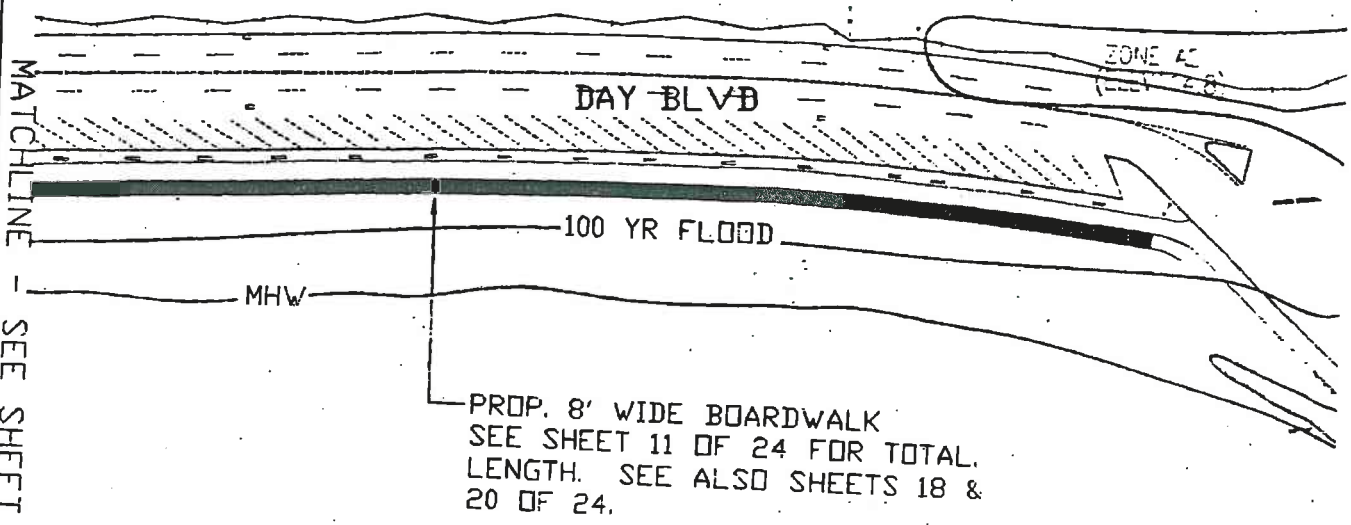


PLEASURE BAY

COMMONWEALTH OF MASSACHUSETTS
RONALD P. BOURNE
CIVIL
REGISTERED

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
JUN 24 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 14 OF 2

1/15 SECTION OF BEACH ENTRANCE

SECTION SHOWN IS OF THE BEACH ENTRANCE AT LOWEST ELEVATION (CLOSEST TO MHW)

NOTE: ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE NOTED.

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

BEACH ENTRANCE - SECTION VIEW

0 4 8

SCALE: 1/4"=1'-0"

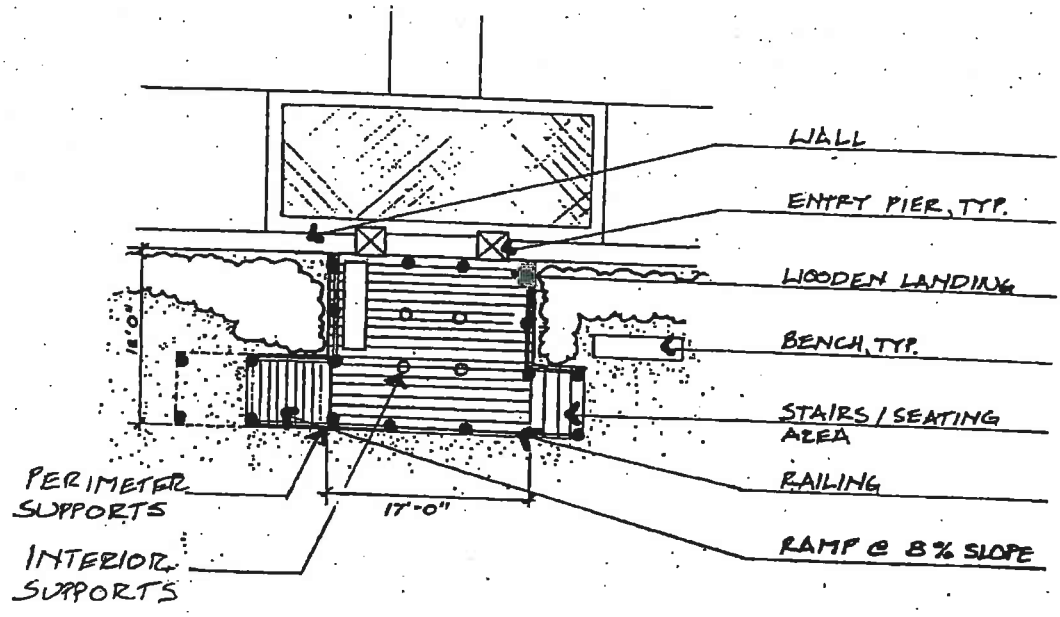
LICENSE PLAN NO 7386

Exhibit D Department of Environmental Protection

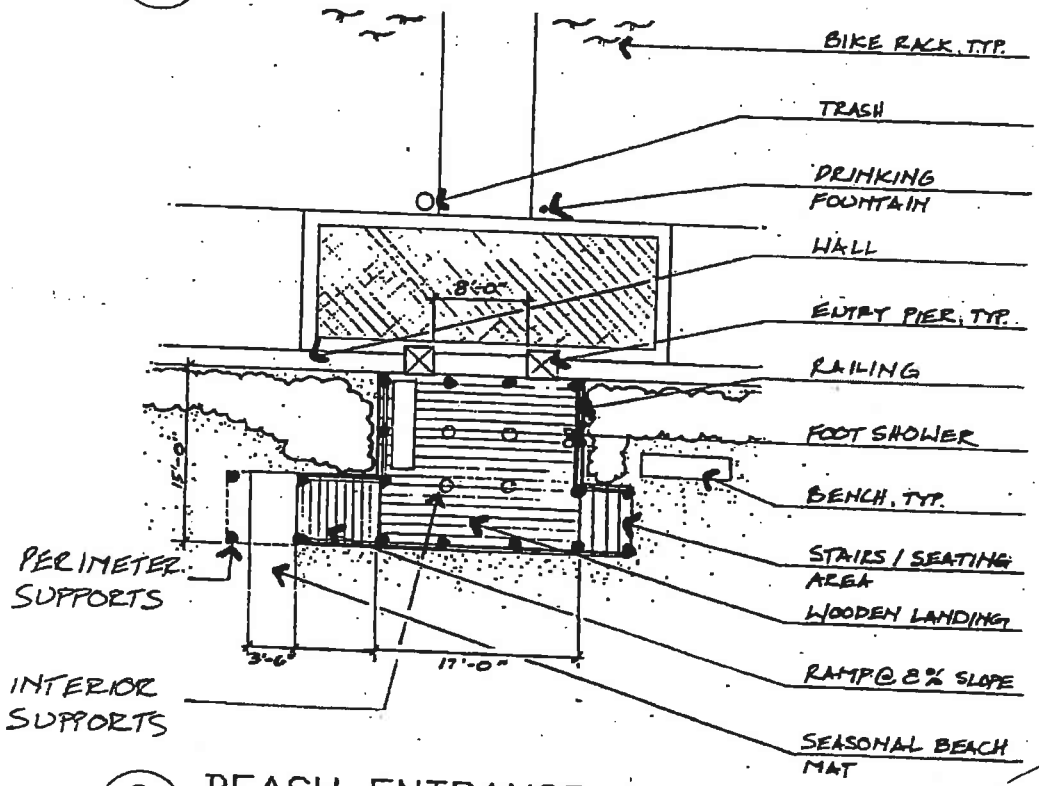
Date: JUL 21 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 15 OF 24



1/16 BEACH ENTRANCE TYPE A



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006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/16 BEACH ENTRANCE TYPE AC

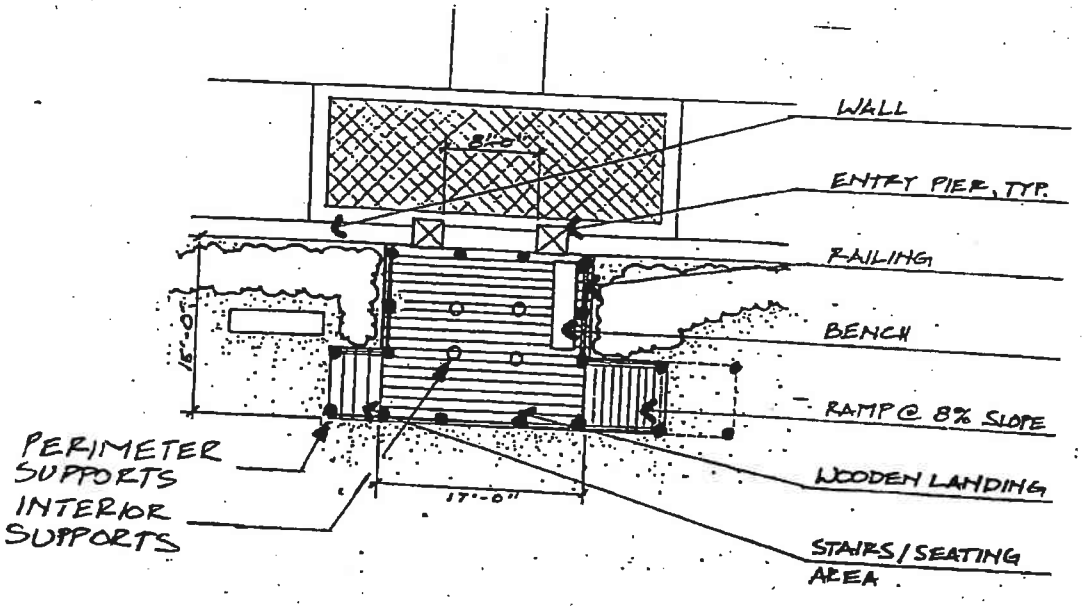
PROPOSED BEACH ENTRANCE CONSTRUCTION
PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

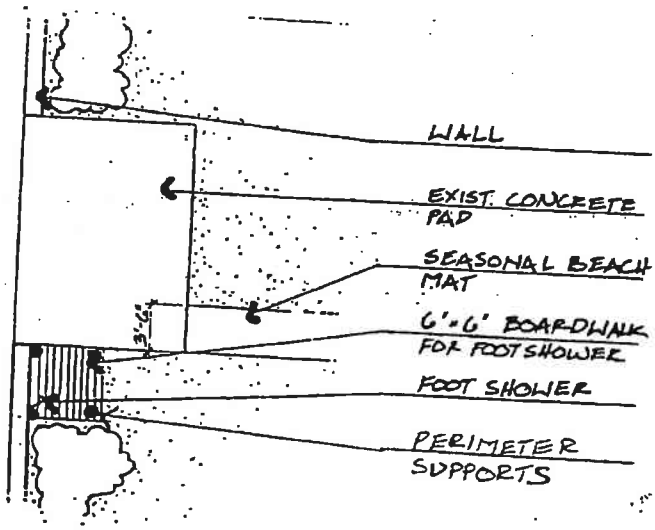
LICENSE PLAN NO. 7386
...ved by Department of Environmental ...
Date: ... 9 4 2000

FEBRUARY 199...
SHEET 16 OF ...



1/17 BEACH ENTRANCE TYPE B

ONE @ M-STREET ONLY



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060-070-341-5000-300
060-070-271-0000-100
060-070-267-2000-100
060-070-244-2000-100
060-070-142-1000-100
060-070-142-1000-200

2/17 BEACH ENTRANCE TYPE C

ONE @ PLEASURE BAY ONLY

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

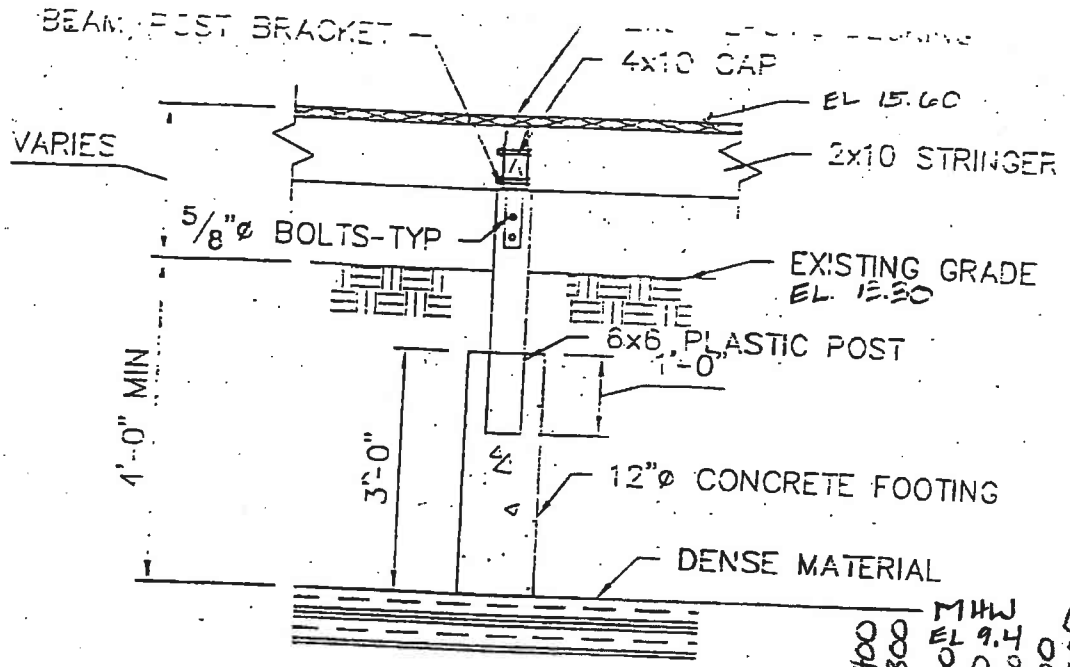
LICENSE PLAN NO. 7386

Coastal Zone Department of Environmental Protection

DATE: JUL 21 1998

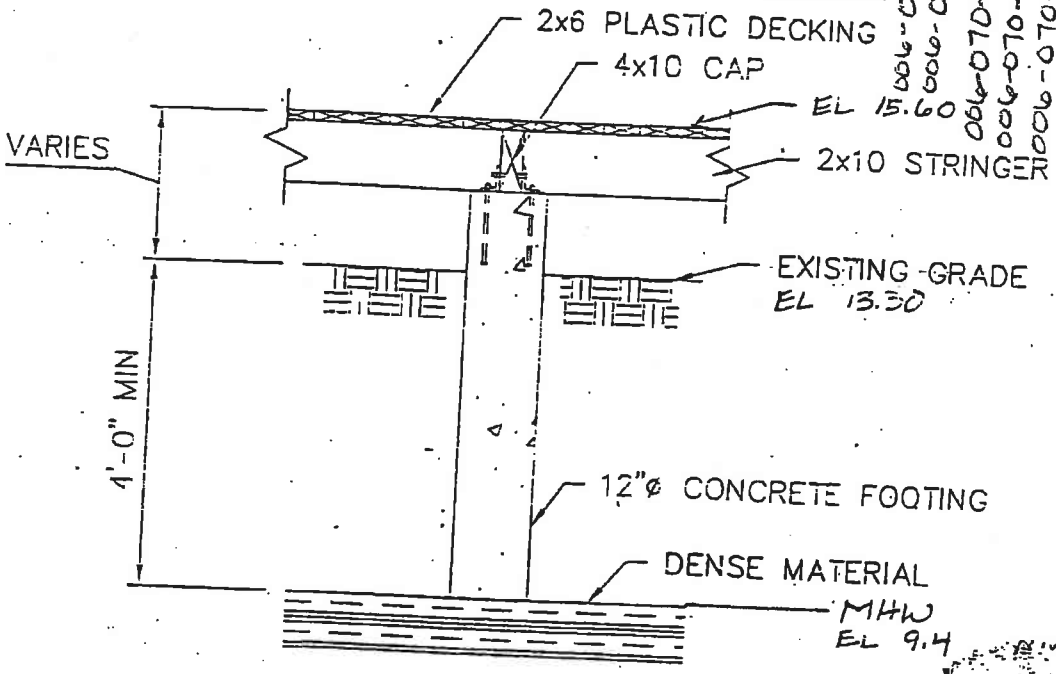
FEBRUARY 1998

SHEET 17 OF 24



NOTE: SUPPORT SHALL BE USED ALONG OUTSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

1/18 BEACH ENTRANCE PERIMETER SUPPORT



NOTE: SUPPORT SHALL BE USED ALONG INSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

2/18 BEACH ENTRANCE INTERIOR SUPPORT

BEACH ENTRANCE DETAILS
PLAN VIEW

SCALE: 1/2"=1'-0"

LICENSE PLAN NO. 7386
Division of Department of Environmental Protection

JUN 01 1998

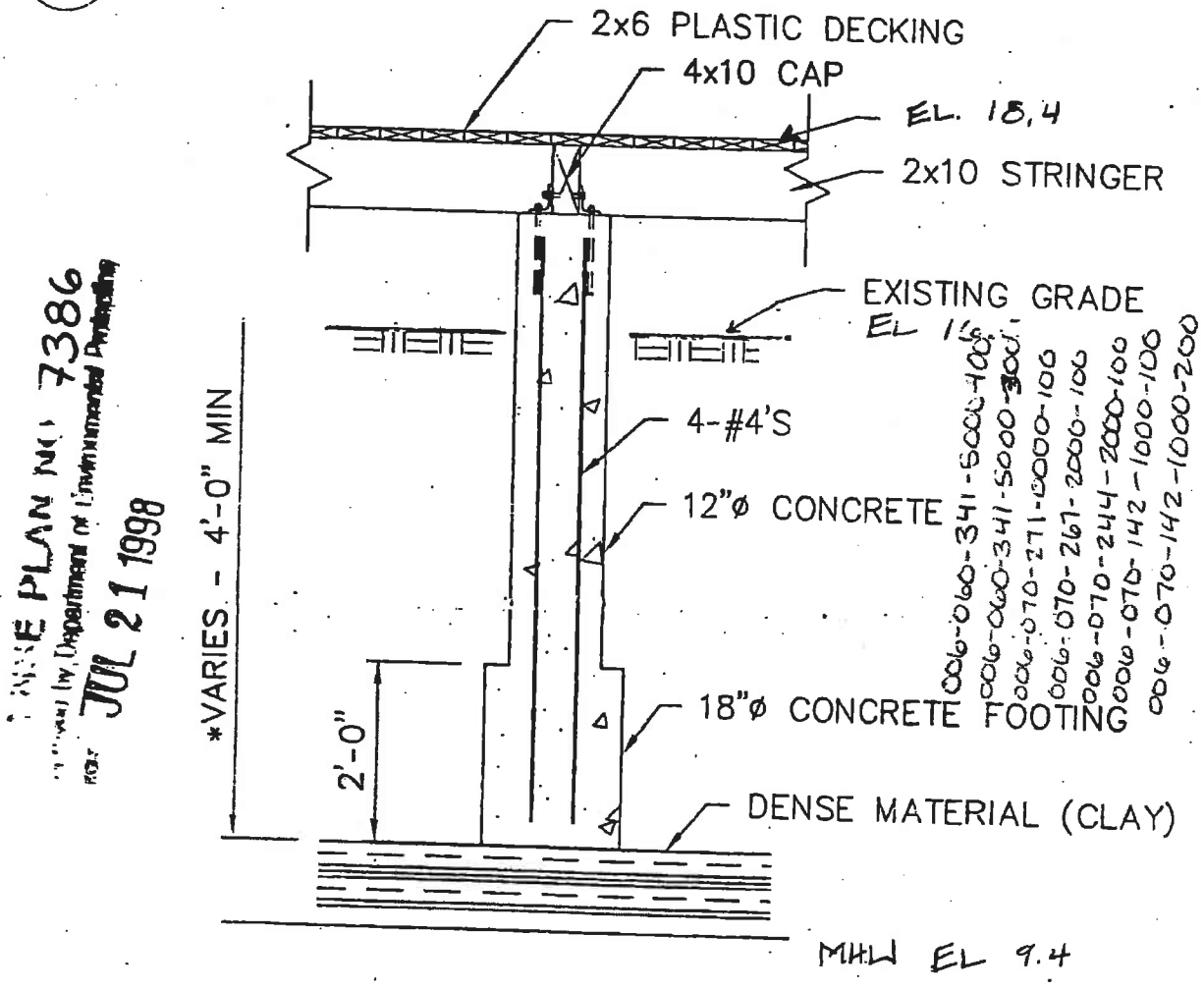
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 15 OF 24

NAME	TYPE	EXIST. GRADE @ WALK	EXIST. GRADE @ BEACH	DIFFERENCE IN ELEV.	RAMP LENGTH* L.F.
CB-1	AC	20.50	19.10	1.40	23.75
CB-2	AC	17.10	15.80	1.30	22.50
CB-3	AC	19.95	17.90	2.05	31.87
MST-1	AC	15.30	14.00	1.30	22.50
MST-2	B	15.60	13.30	2.30	35.00

*RAMP LENGTH INCLUDES THE DISTANCE REQUIRED TO EXTEND 6" BELOW CURRENT BEACH GRADE.

1/19 BEACH ENTRANCE ELEVATION MATRIX



PLAN NO. 7386
JUL 21 1998

*NOTE: DEPTH OF FOOTING VARIES FROM 4' MIN TO 7' MAX

2/19 CARSON BEACH BOARDWALK SUPPORT

SEE SHEET 18 OF 24 FOR PLEASURE BAY BOARDWALK SUPPORTS

PROPOSED CONSTRUCTION DETAILS

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

0 1 2 4
SCALE: 1/2"=1'-0"

FEBRUARY 199

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/20 SECTION OF 8' WIDE BOARDWALK @ PLEASURE BAY.

PLEASURE BAY
BOARDWALK SECTION VIEW

0 2 4 6

100 YR. FLOOD +9.
MHW −9.
MSL +4.
MLW −0.

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

FEBRUARY 99
SHEET

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/21 SECTION OF 10' WIDE BOARDWALK

BOARDWALK SECTION VIEW

SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

LICENSE PLAN NO. 7386
Department of Environmental Protection
DEC 2 9 1998

FEBRUARY 199
SHEET 2 OF 24

006-060-341-5000-400
006-060-341-5000-300
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006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
JUL 21 1998

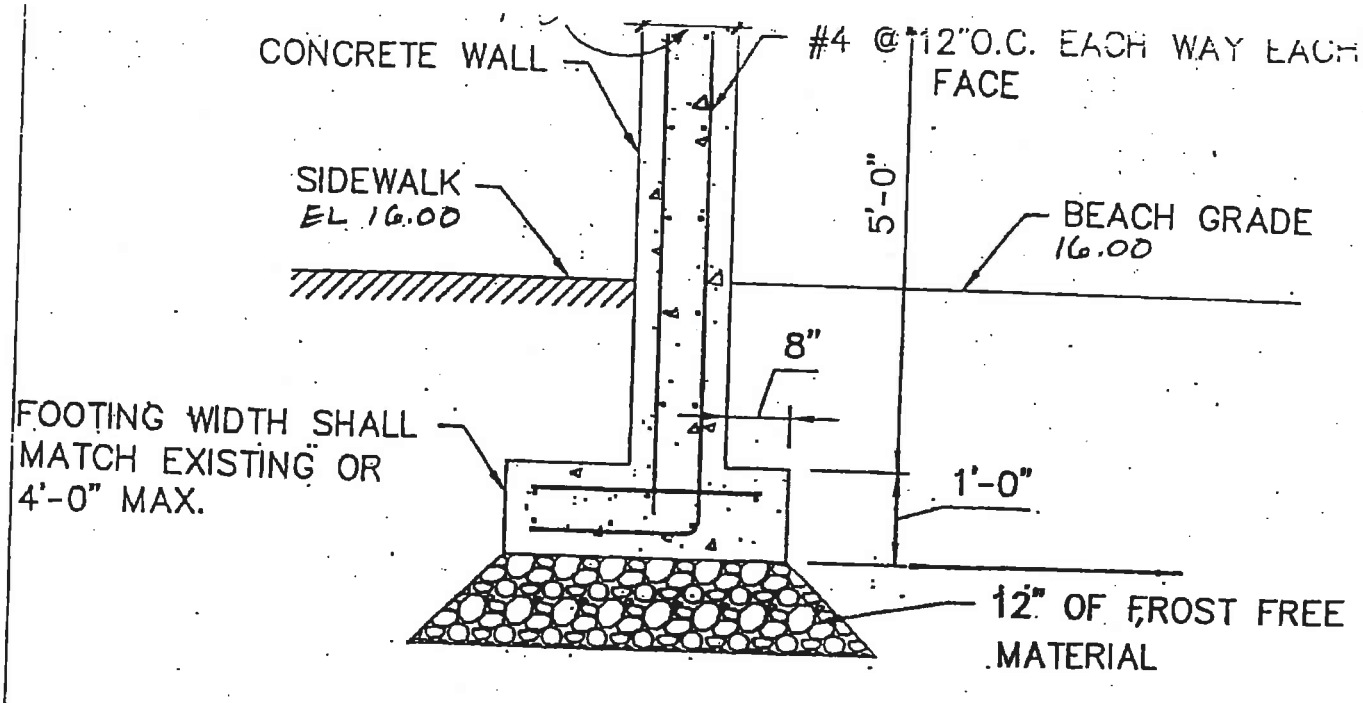
1/22 SECTION OF 8' WIDE BOARDWALK

BOARDWALK SECTION VIEW

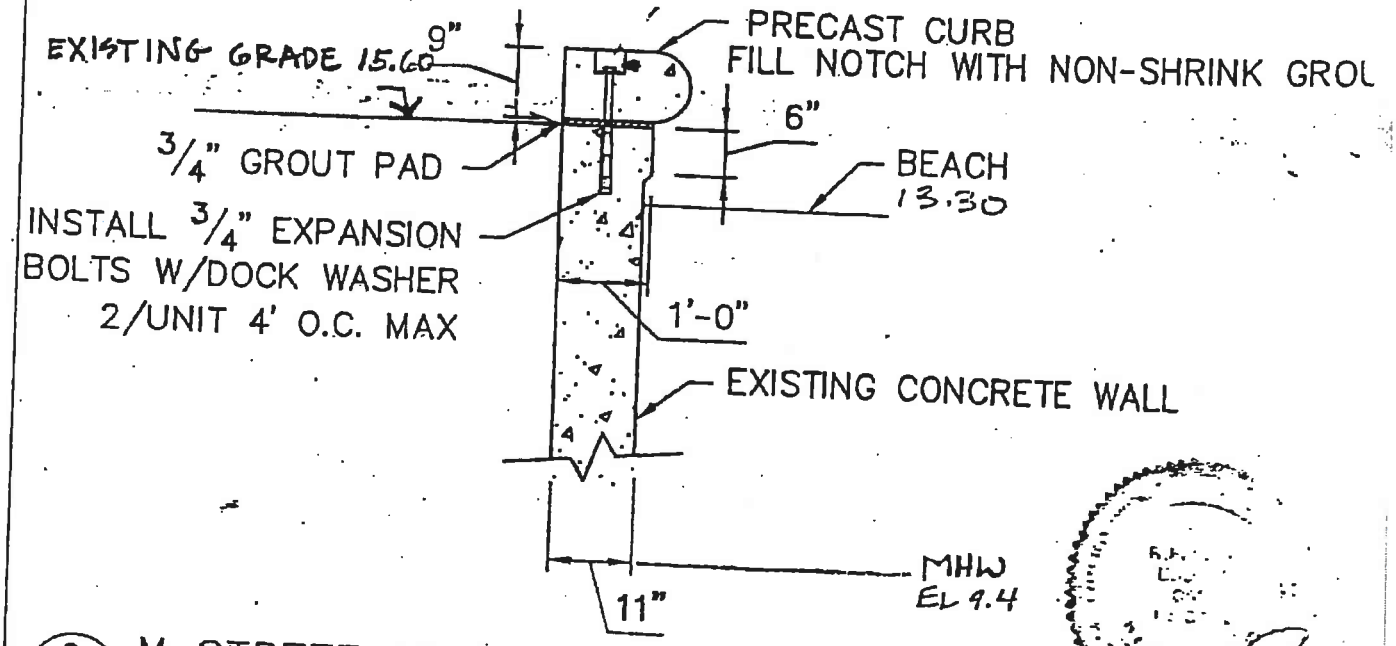
0 2 4 6
SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 22 OF 2



1/23 INFILL WALL SECTION @ PLEASURE BAY



2/23 M-STREET BEACH WALL CAP

PLEASURE BAY & M-STREET BEACHES - WALL DETAILS

0 1 2 4

SCALE: 1 1/2"=1'-0"

LICENSE PLAN NO. 7386

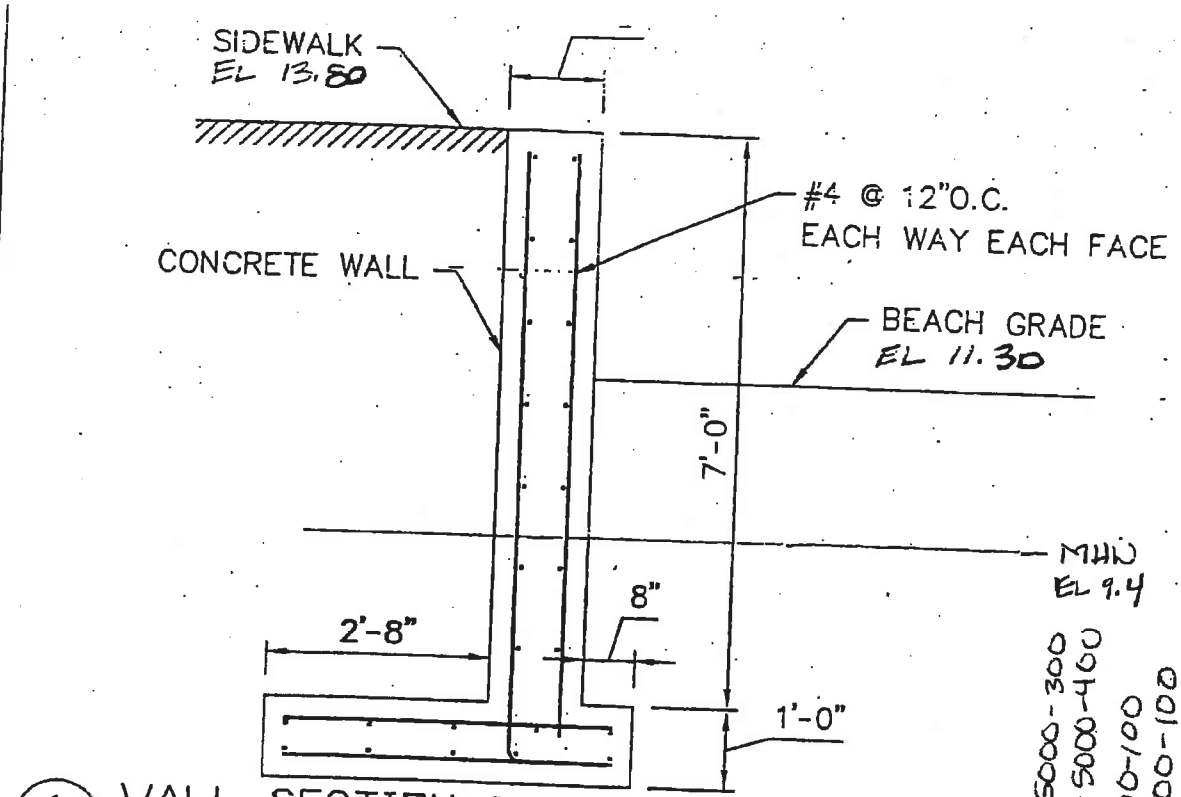
Approved by Department of Environmental Protection

Dec 1 01 06 4 4000

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.5
MLW +0.0

FEBRUARY 1998

SHEET 23 OF 24



1/24 WALL SECTION @ CAUSEWAY/ PENALTY BOX PLEASURE BAY

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006-060-341-5000-400
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006-070-244-2000-100
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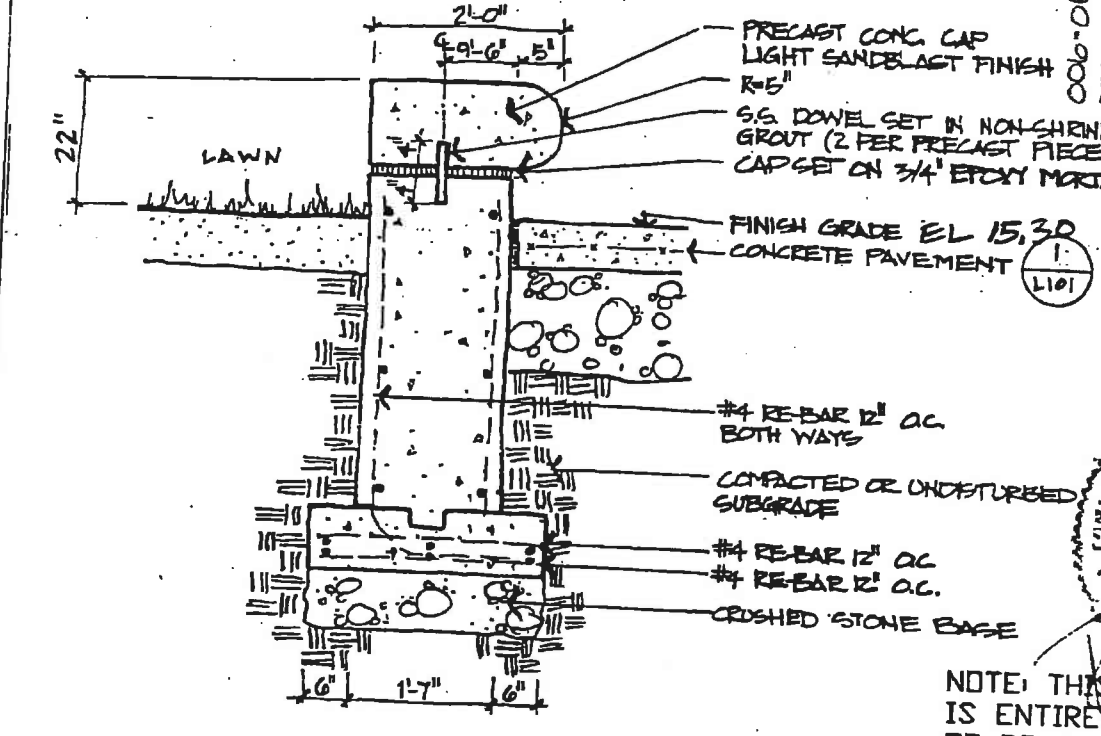
006-070-241-0000-200



NOTE: THIS WALL IS ENTIRELY OUTSIDE OF BEACH RESOURCE AREA & IS WELL ABOVE HTL.

2/24 M-STREET BEACH CONC. SEATWALL

PLEASURE BAY & M-STREET BEACHES- WALL DETAILS

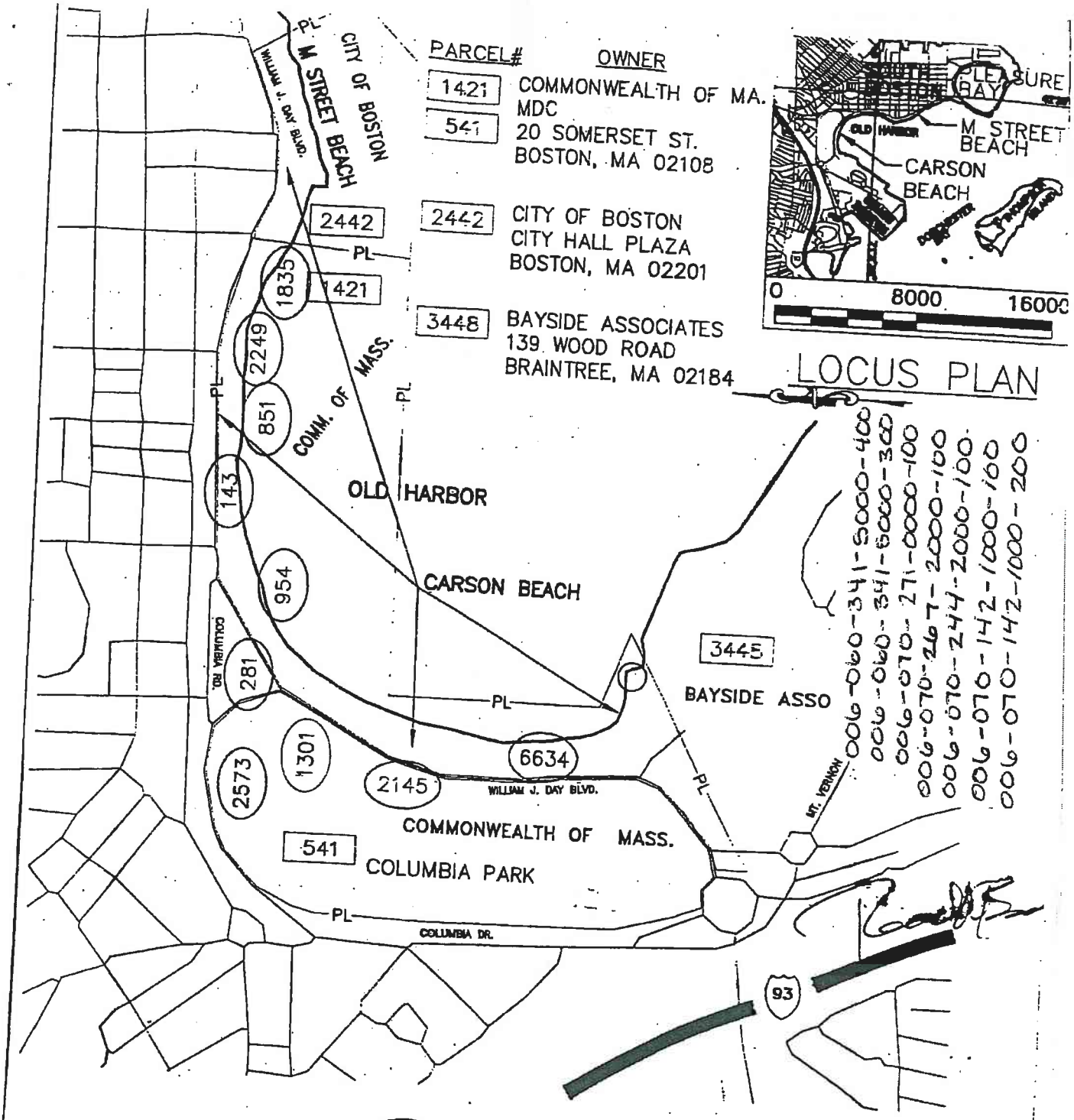
0 1 2 4
SCALE: 1/2"=1'-0"

100 YR. FLOOD	+16.8
MHW	+9.4
MSL	+4.8
MLW	-0.0

LICENSE PLAN NO. 7386

Department of Environmental Protection

FEBRUARY 1998
SHEET



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

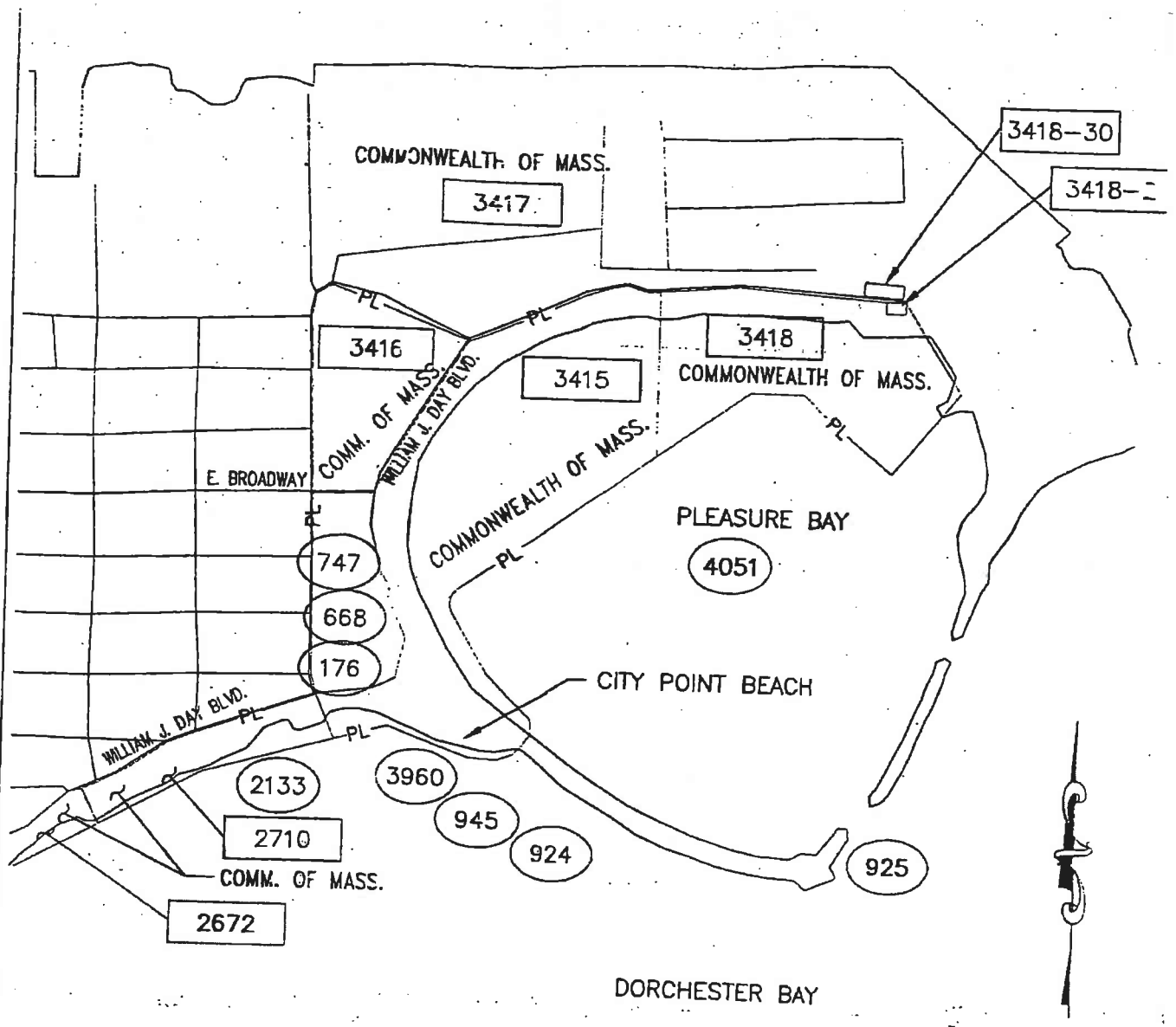
(2145) PREVIOUS CH. 91 LICENSES

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 1A OF 24

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN PUBLIC ACCESS FACILITIES INCLUDING BOARDWALKS & BEACH ENTRANCES & RECONSTRUCT SIDEWALKS, SITE WALLS & PARKING LOTS.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Commonwealth of Massachusetts
JUL 21 1998
for James Sprague



PARCEL #	
2672	2710
3415	3416
3417	3418
3418-2	3418-30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 7386

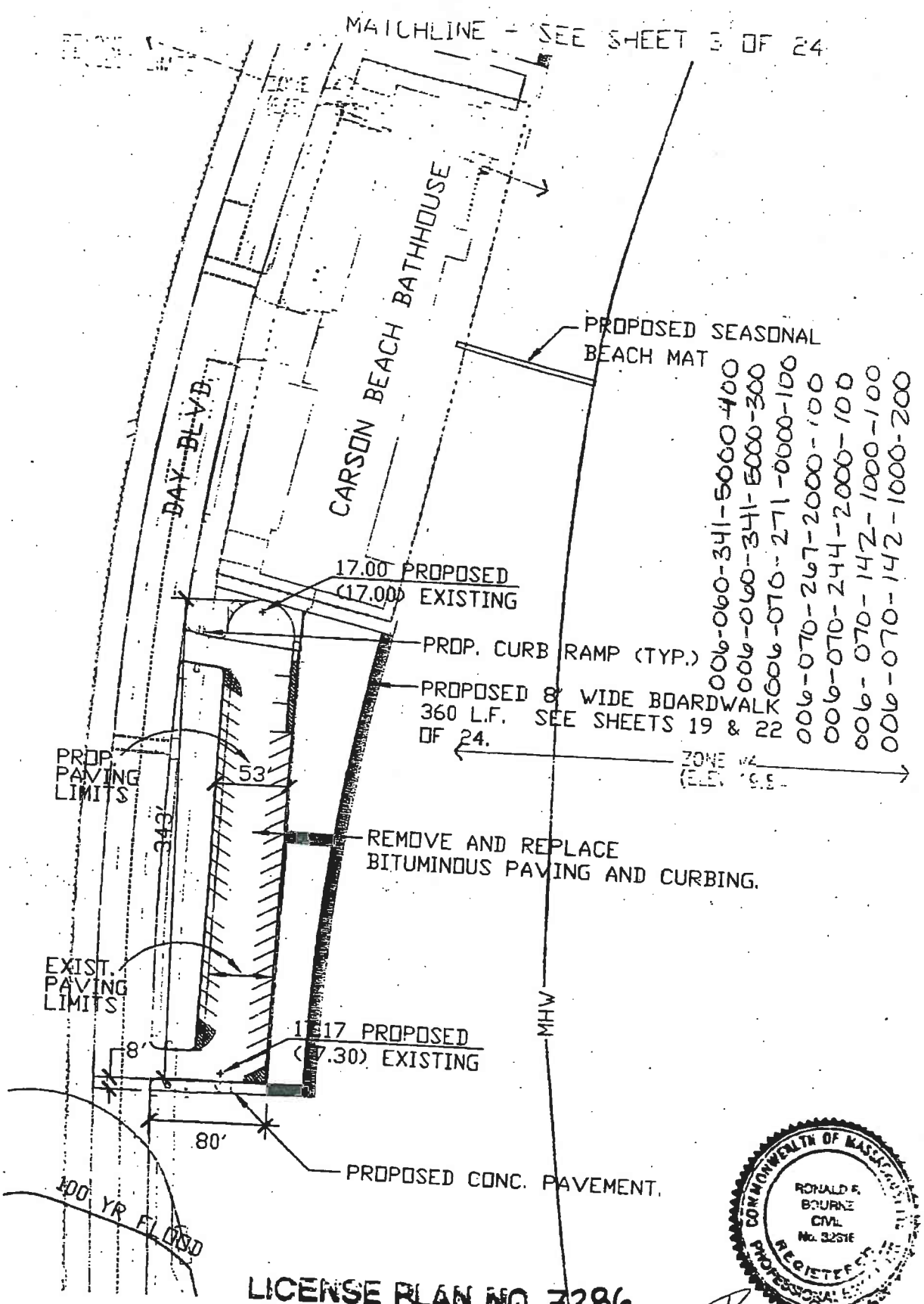
Approved by Department of Environmental Protection

Date JUL 21 1998

100yr. FLOOD +19.6
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 199[illegible]

SHEET 1B OF [illegible]



LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: JUL 21 1998

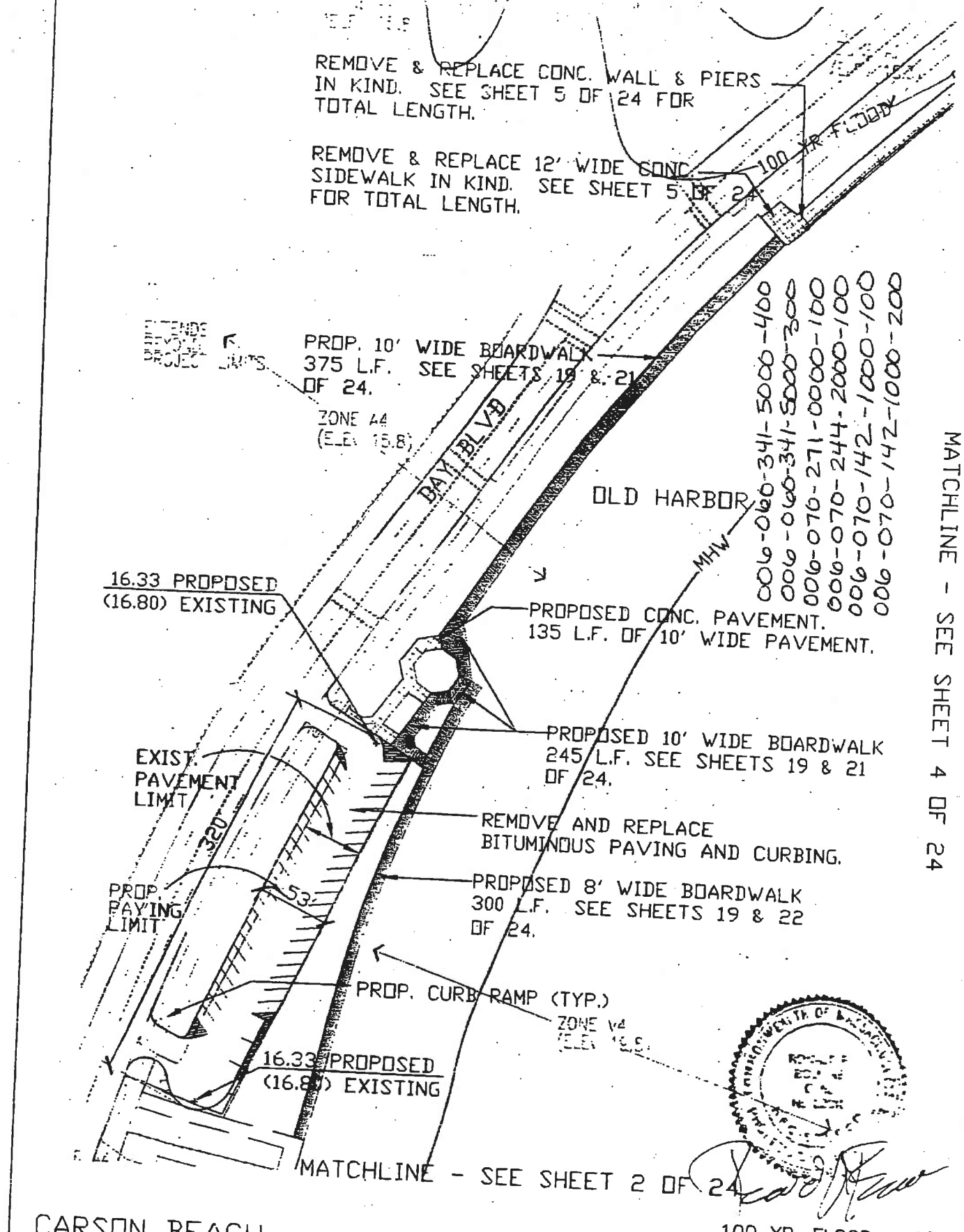
RONALD F. BOURNE
CIVIL
No. 32516
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE 1"=100'-0"

100 YR. FLOOD +19.
MHW +9
MSL +4
MLW +0

FEBRUARY 199



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1" = 100'

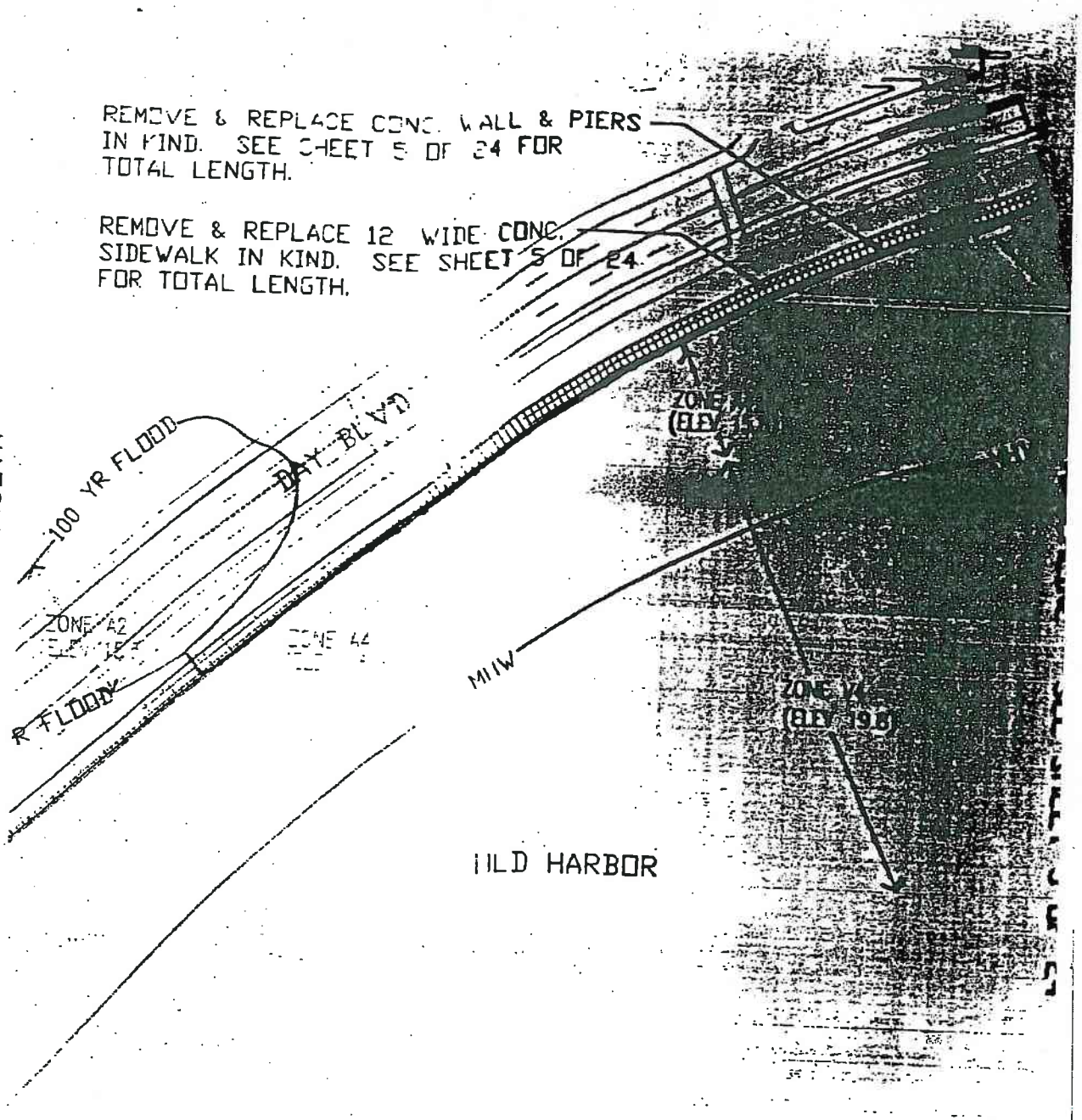
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection
Date: JAN 21 1999

100 YR. FLOOD	+19.8
MHW	+9.
MSL	+4.
MLW	+0.

FEBRUARY 1998

SHEET 3 OF 24



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006-060-341-5000-300
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006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

CARSON BEACH
PROPOSED CONSTRUCTION PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +
MSL +
MLW +

FEBRUARY 19
SHEET 4 OF

006-060-341-5000-400
006-060-341-5000-300
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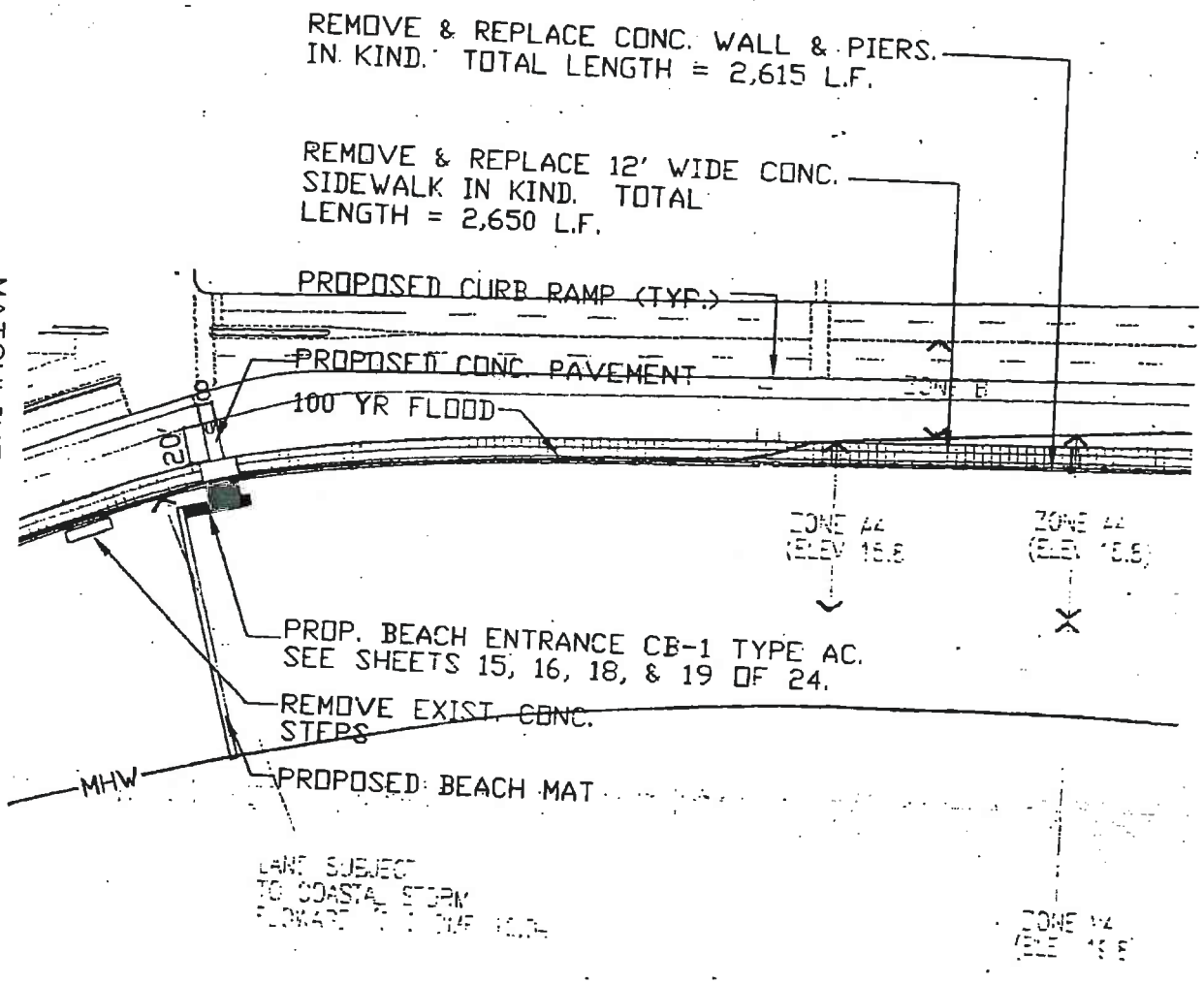
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
CIVIL
No. 32016
REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 5 OF 24

006-060-341-5000-400
006-060-341-5000-300
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006-070-244-2000-100
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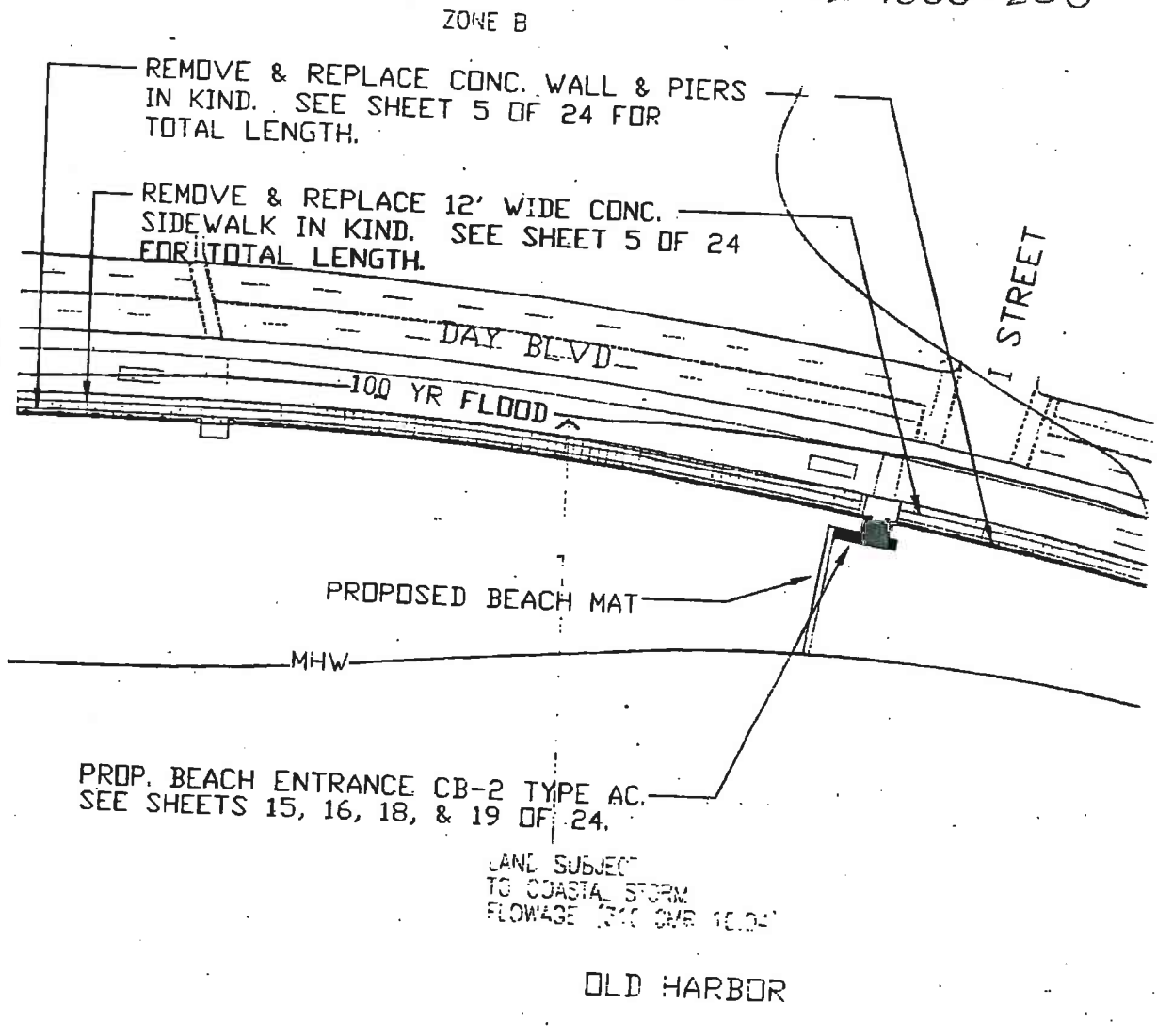
006-070-142-1000-200



RONALD F BOURNE CIVIL No. 32216 REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
Date: OCT 19 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 6 OF 24

006-060-341-5000-400
006-060-341-5000-300
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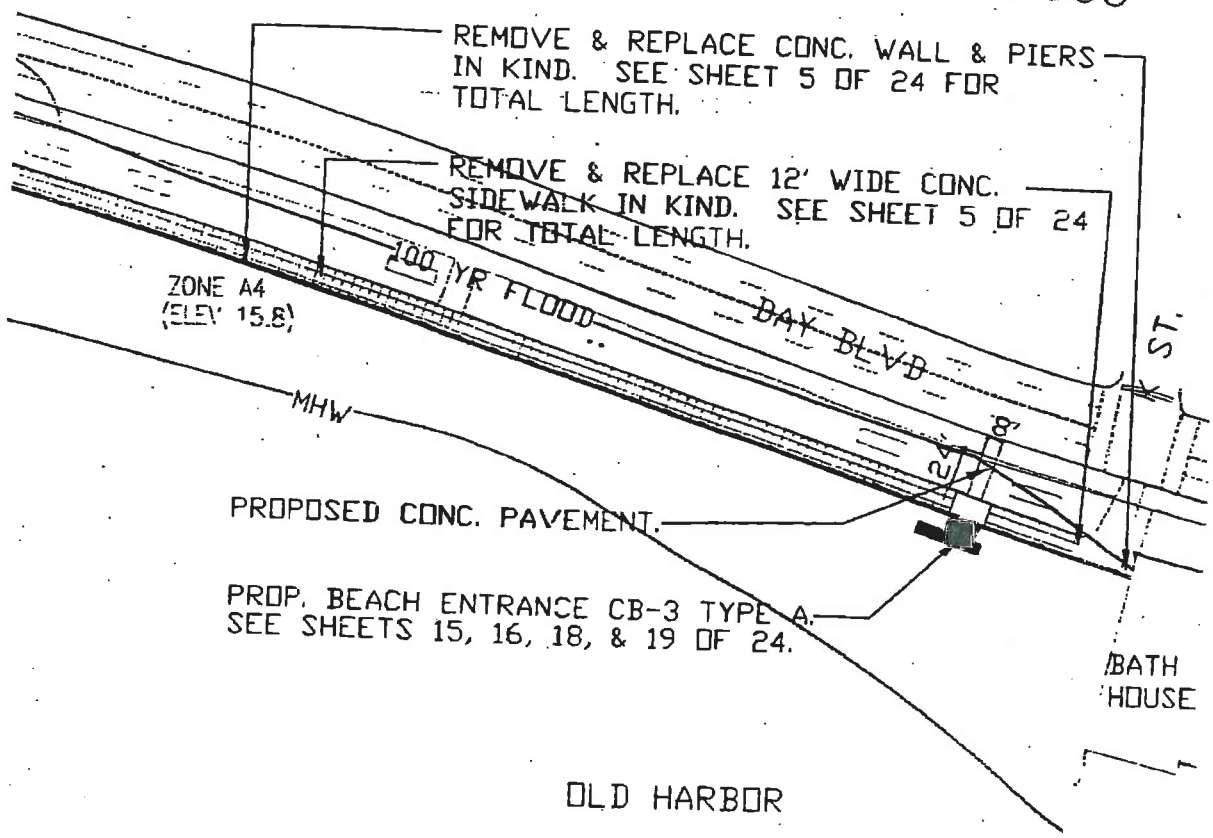
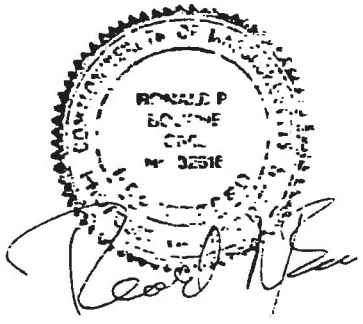
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 6 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 7 OF 2

006-060-341-5000-400
006-060-341-5000-300
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006-070-142-1000-106
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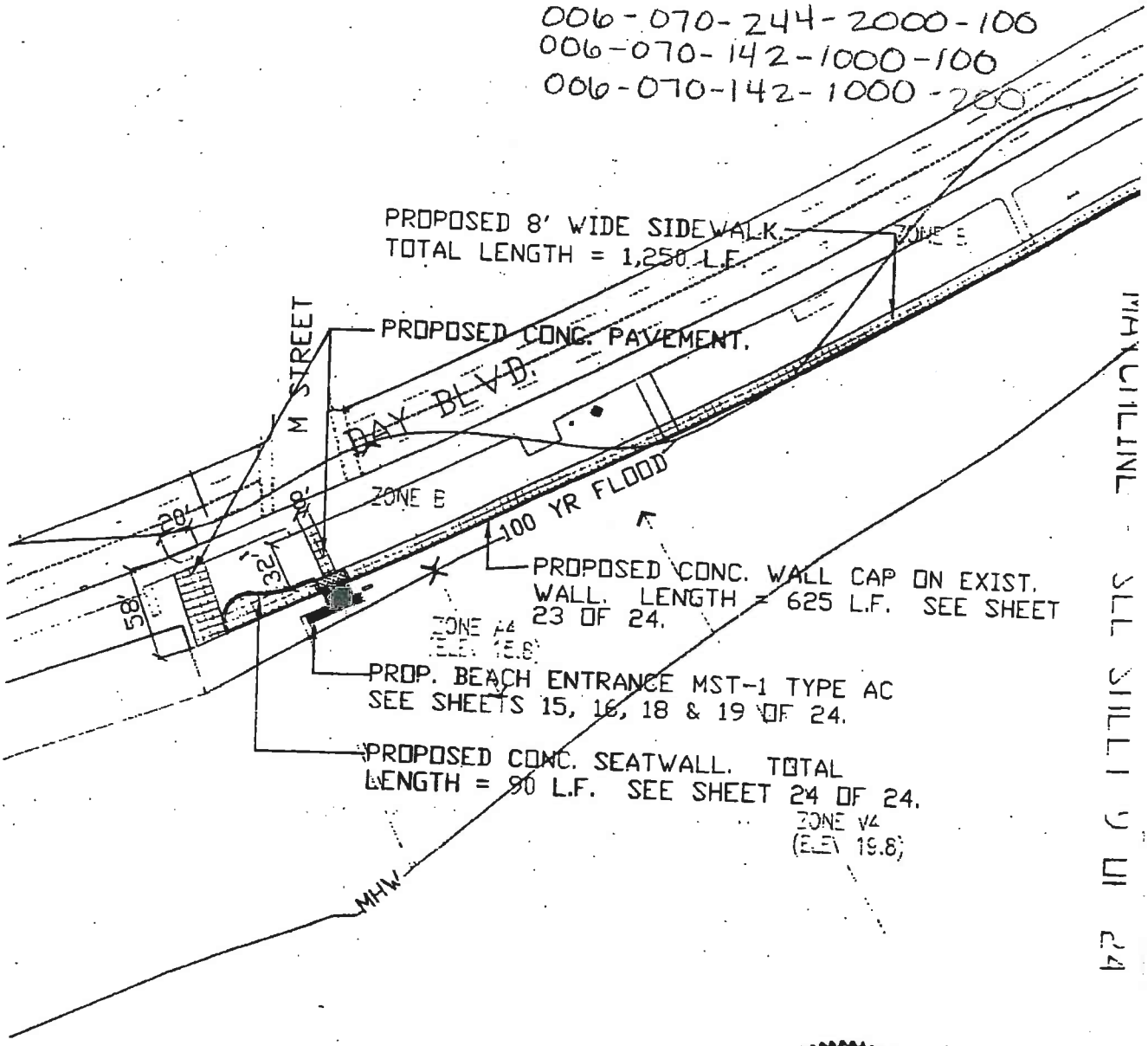


MAXCLINE SLL SHEET 5 OF 24

COMMONWEALTH OF MASSACHUSETTS
RONALD R EOURIE
CIVIL
No. 32618
REGISTERED PROFESSIONAL ENGINEER

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

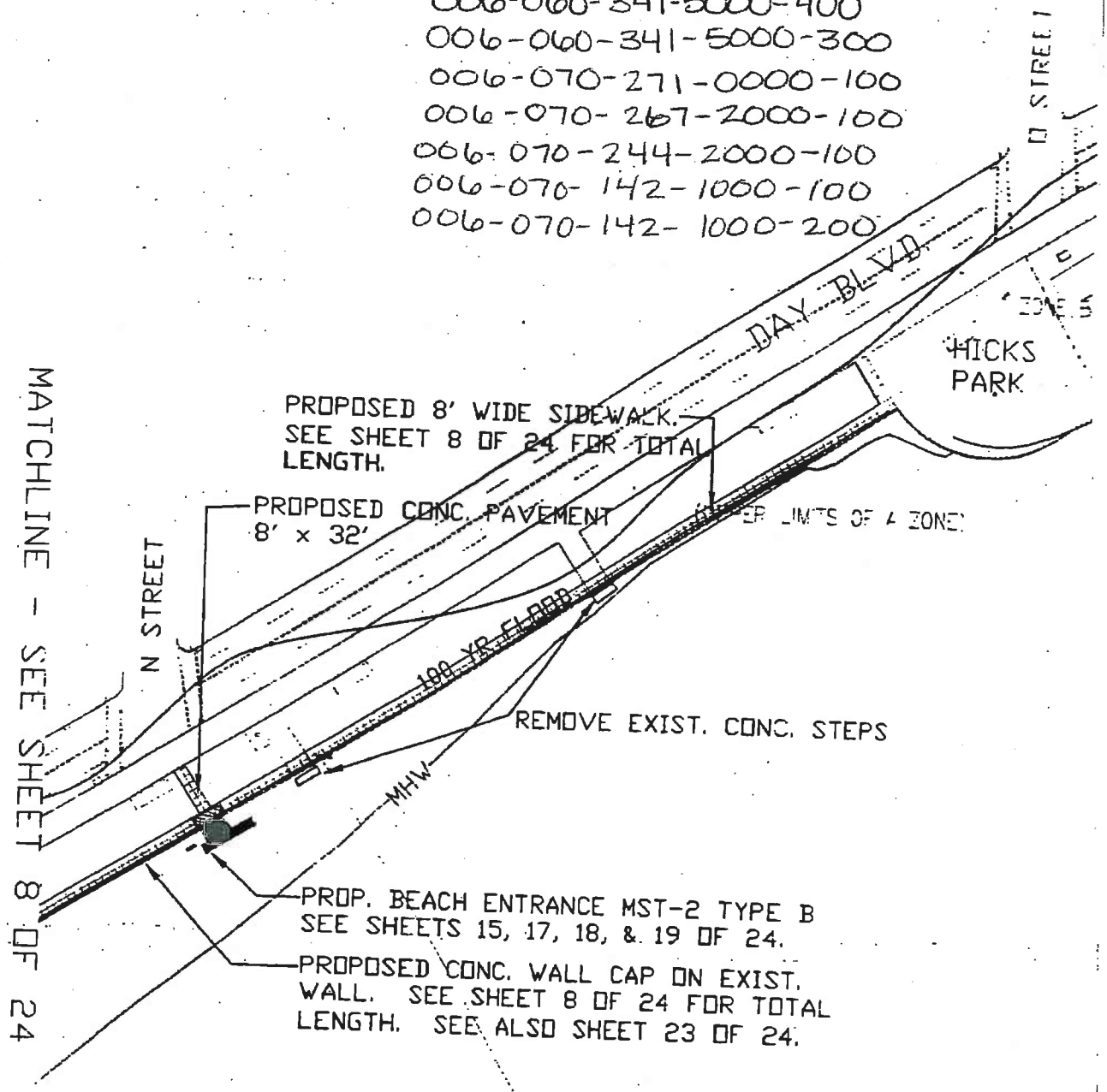
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: [illegible]

100 YR. FLOOD +19.3
MHW +9.2
MSL +4.5
MLW +0.1

FEBRUARY 1995
SHEET 5 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

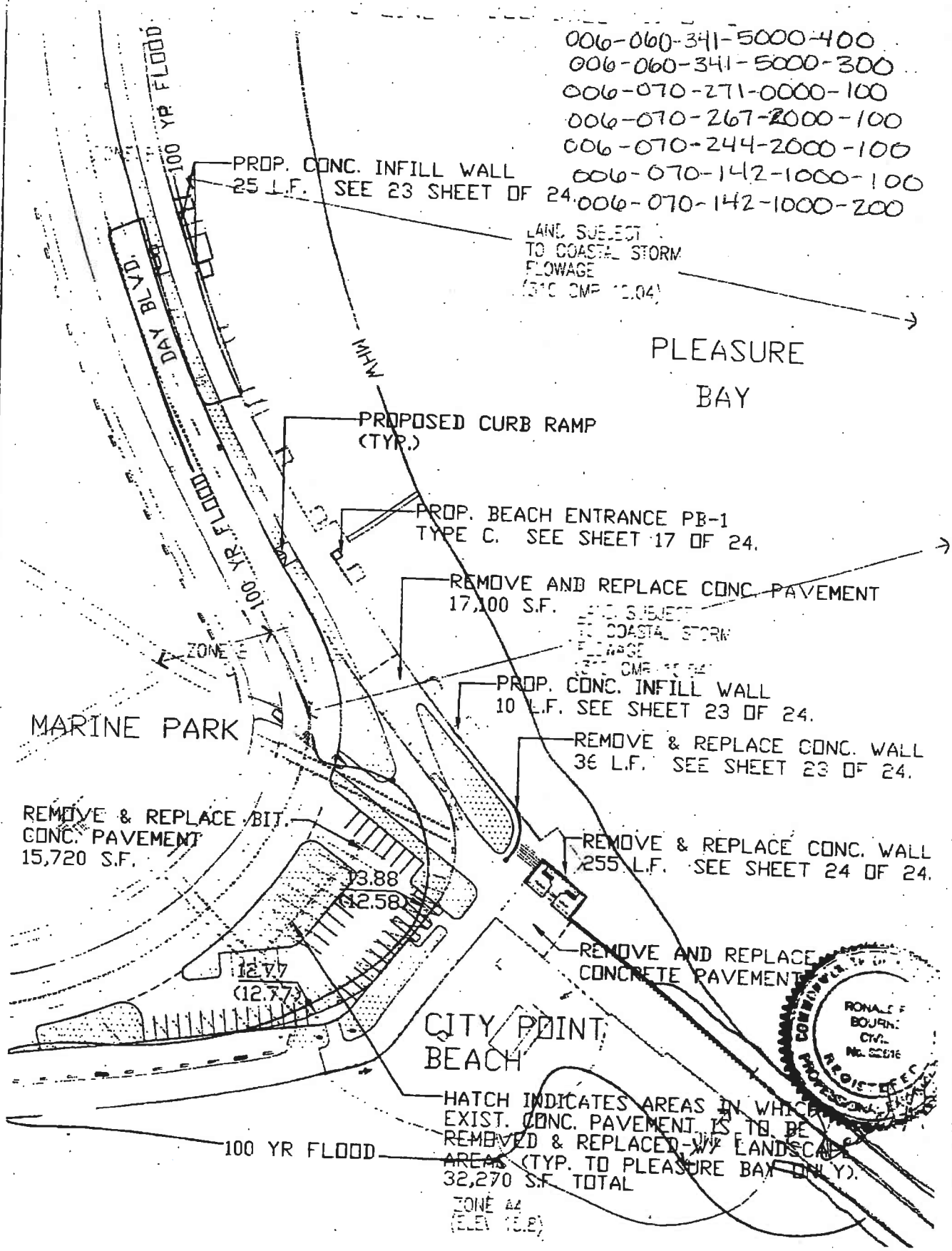
0 100 200
SCALE: 1"=100-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

LICENSE PLAN NO. 7386

Department of Environmental Protection
MAY 21 1999

FEBRUARY 199
SHEET 9 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

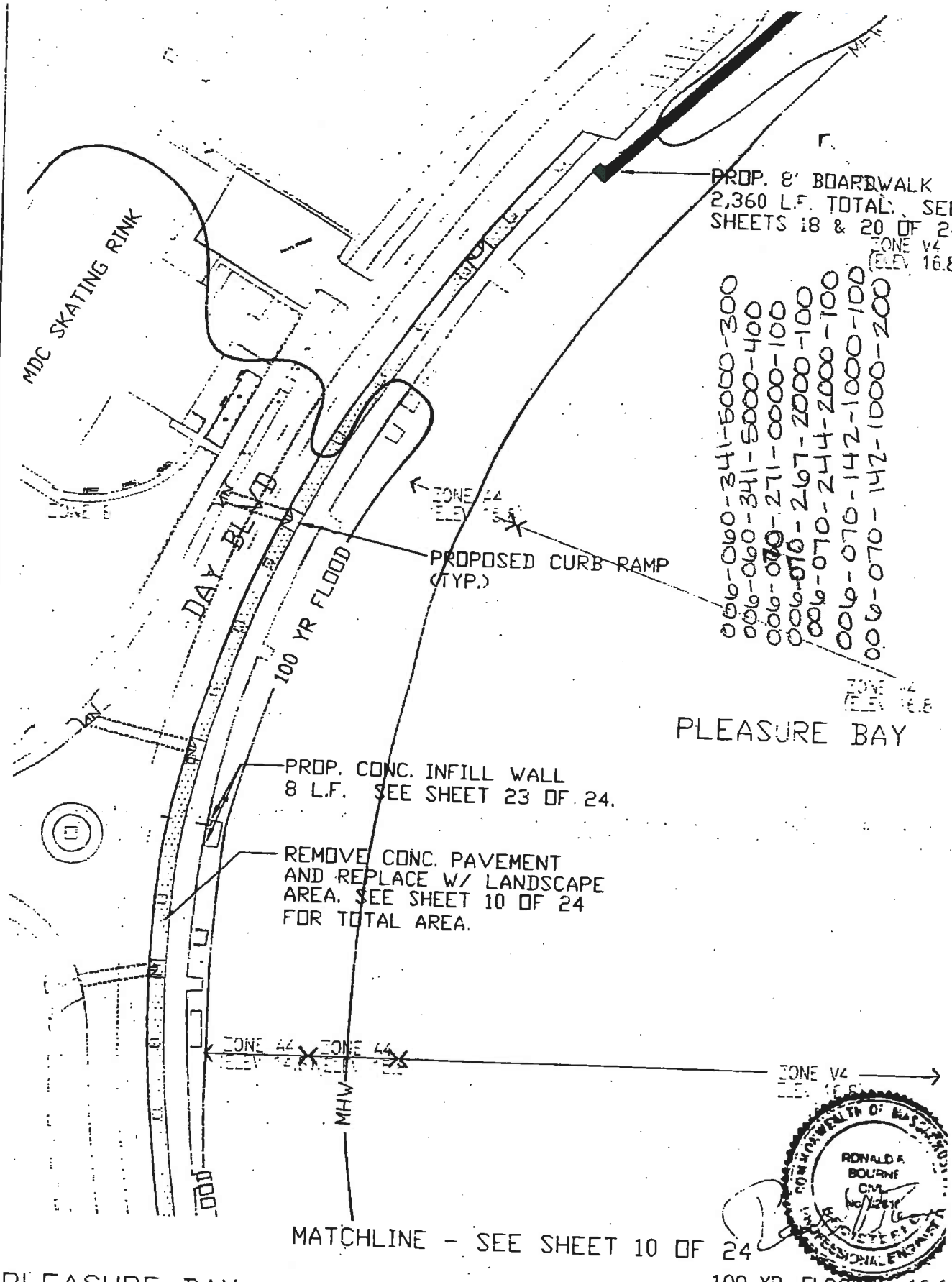
SCALE 1"=100-0"

LICENSE PLAN NO. 7386

Date 11 9 1998

100 YR. FLOOD	+19
MHW	+9
MSL	+4
MLW	+0

FEBRUARY 1998
SHEET 10 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100-0"

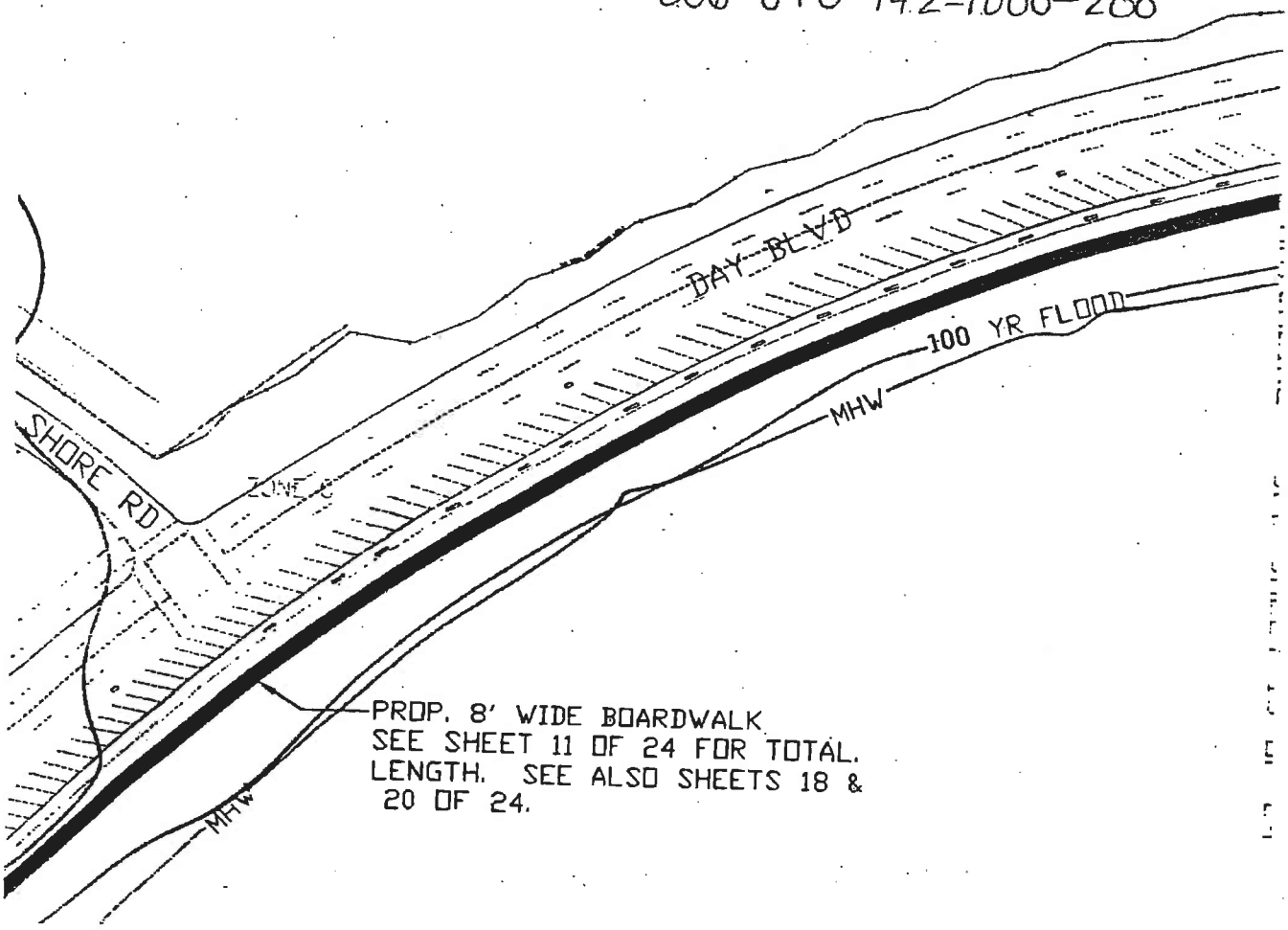
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

FEBRUARY 1998
SHEET 11 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 11 OF 24

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

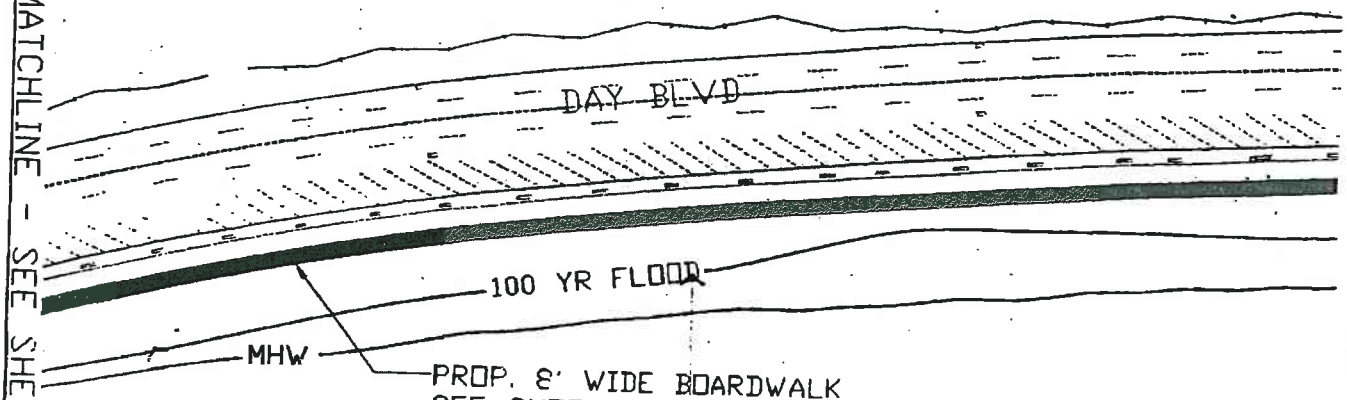
0 100 200

EDGE PLAN NO. 7386

Approved by Department of Environmental Protection

FEBRUARY 1998
SHEET 12 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

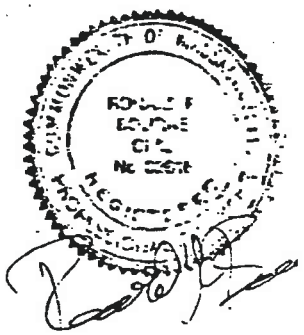


MATCHLINE - SEE SHEET 12 OF 24

PROP. 8' WIDE BOARDWALK
SEE SHEET 11 OF 24 FOR TOTAL LENGTH. SEE ALSO SHEETS 18 & 20 OF 24.

PLEASURE BAY

LAND SUBJECT TO COASTAL STORM FLOWAGE



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 13 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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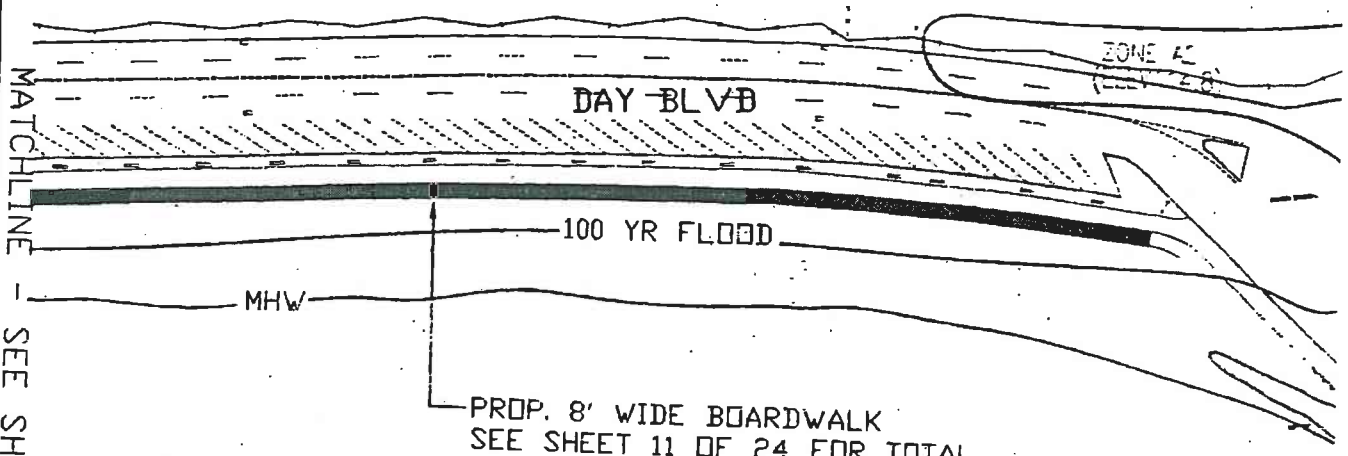
006-070-142-1000-200



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
C.E.
REGISTERED
PROFESSIONAL ENGINEER

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200
SCALE: 1"=100'-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
JUN 04 1998

FEBRUARY 1998
SHEET 14 OF 2

1/15 SECTION OF BEACH ENTRANCE

SECTION SHOWN IS OF THE BEACH ENTRANCE AT LOWEST ELEVATION (CLOSEST TO MHW)

NOTE: ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE NOTED.

006-060-341-5000-400
006-060-341-5000-300
006-090-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

BEACH ENTRANCE - SECTION VIEW

0 4 8

SCALE: 1/4"=1'-0"

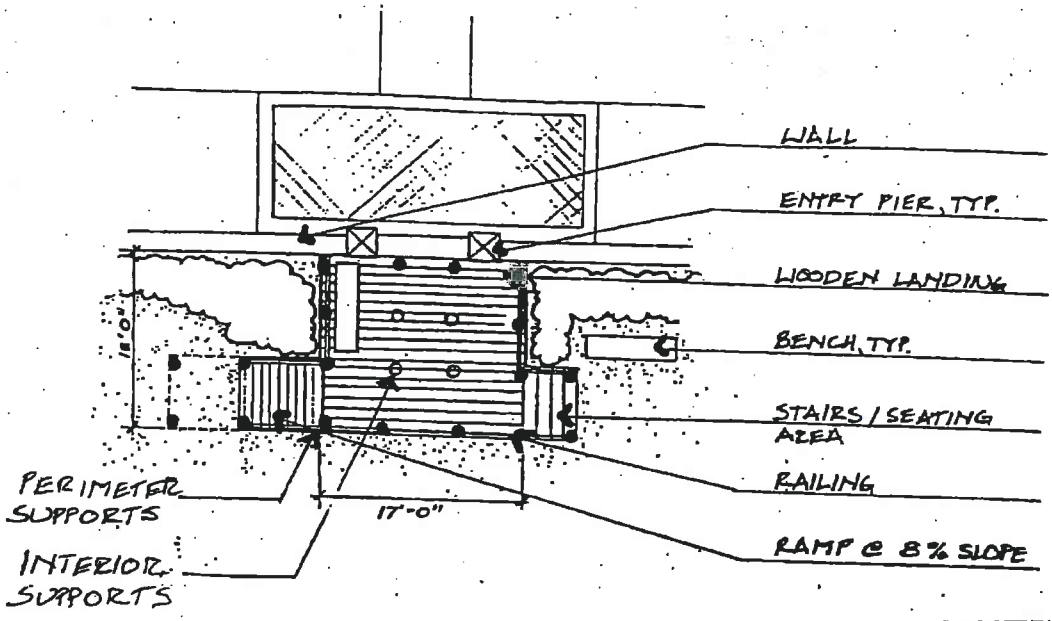
LICENSE PLAN NO 7386

Bureau of Department of Environmental Protection

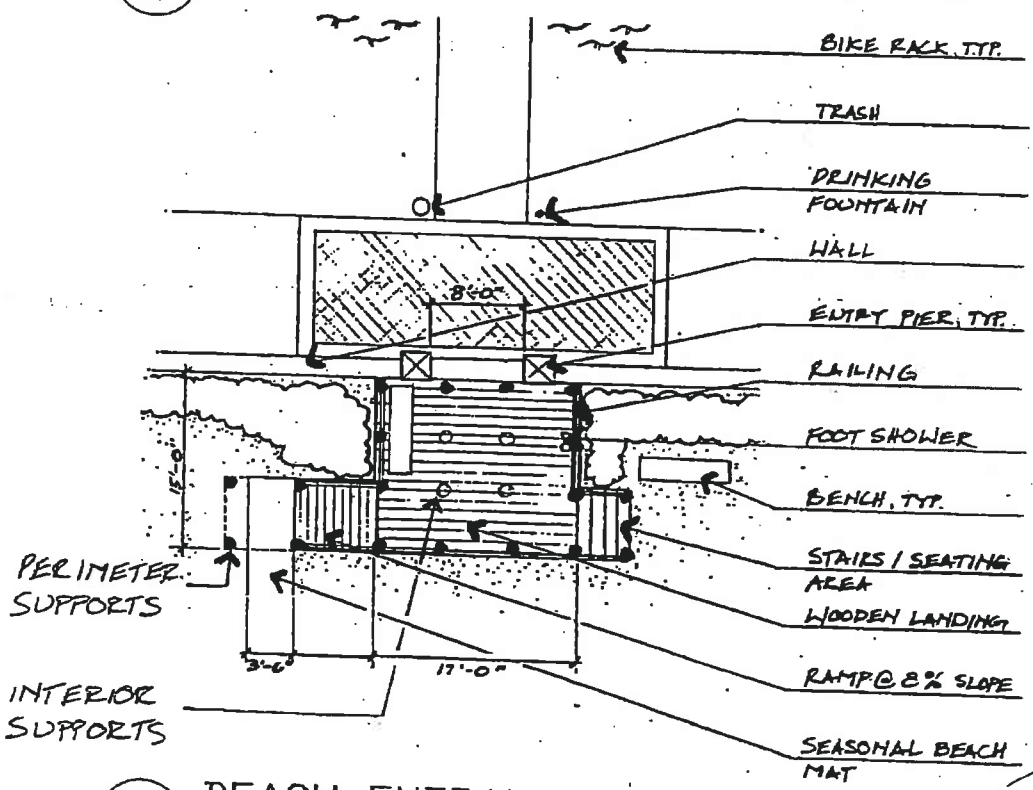
JUL 21 1998

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 15 OF 24



1/16 BEACH ENTRANCE TYPE A



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/16 BEACH ENTRANCE TYPE AC

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

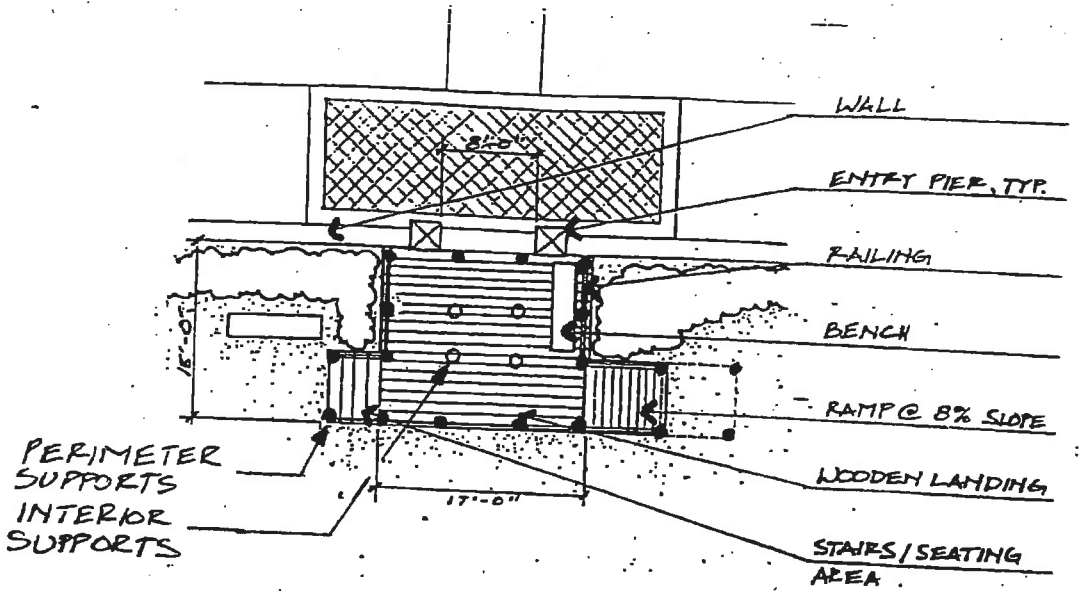
LICENSE PLAN NO. 7386

Reviewed By Department of Environmental Protection

Date: [illegible]

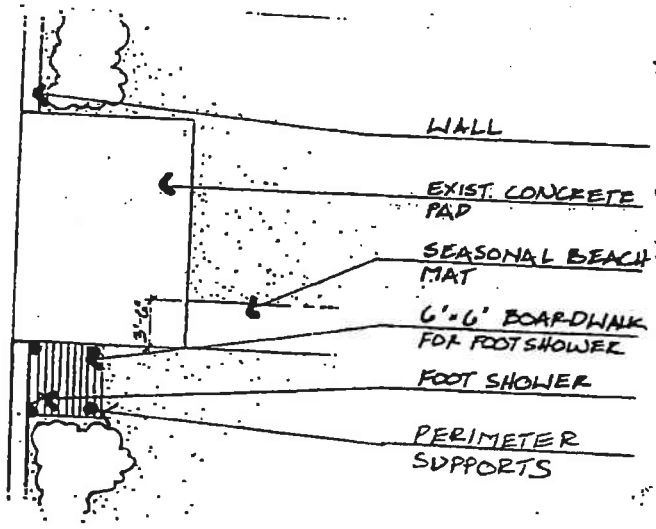
FEBRUARY 199[illegible]

SHEET [illegible]



1/17 BEACH ENTRANCE TYPE B

ONE @ M-STREET ONLY



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/17 BEACH ENTRANCE TYPE C

ONE @ PLEASURE BAY ONLY

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

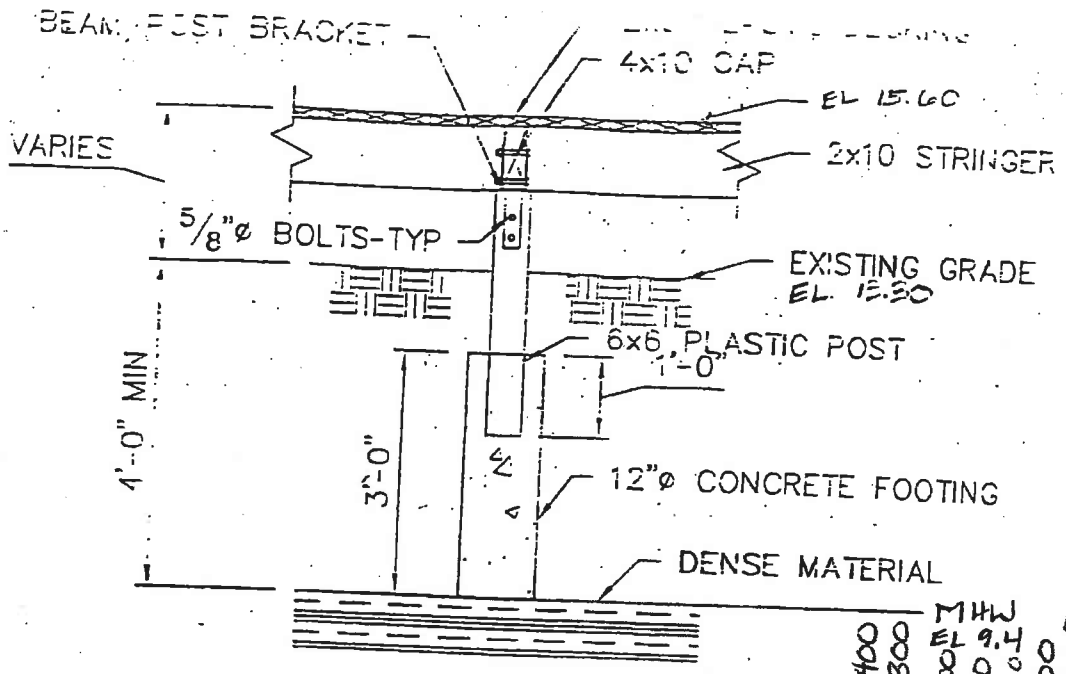
LICENSE PLAN NO. 7386

Coastal Department of Environmental Protection

DATE: JUL 21 1998

FEBRUARY 1998

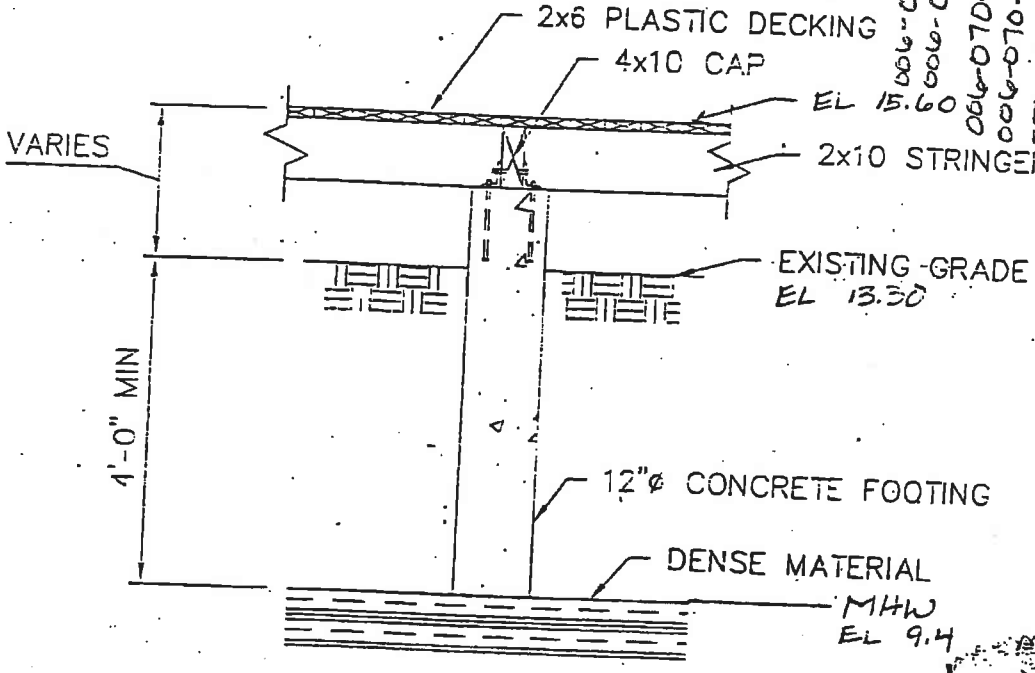
SHEET 17 OF 24



NOTE: SUPPORT SHALL BE USED ALONG OUTSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

1/18 BEACH ENTRANCE PERIMETER SUPPORT

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: SUPPORT SHALL BE USED ALONG INSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

2/18 BEACH ENTRANCE INTERIOR SUPPORT

BEACH ENTRANCE DETAILS
PLAN VIEW

0 1 2 4

SCALE: 1/2"=1'-0"

LICENSE PLAN NO. 7386
Division of Department of Environmental Protection

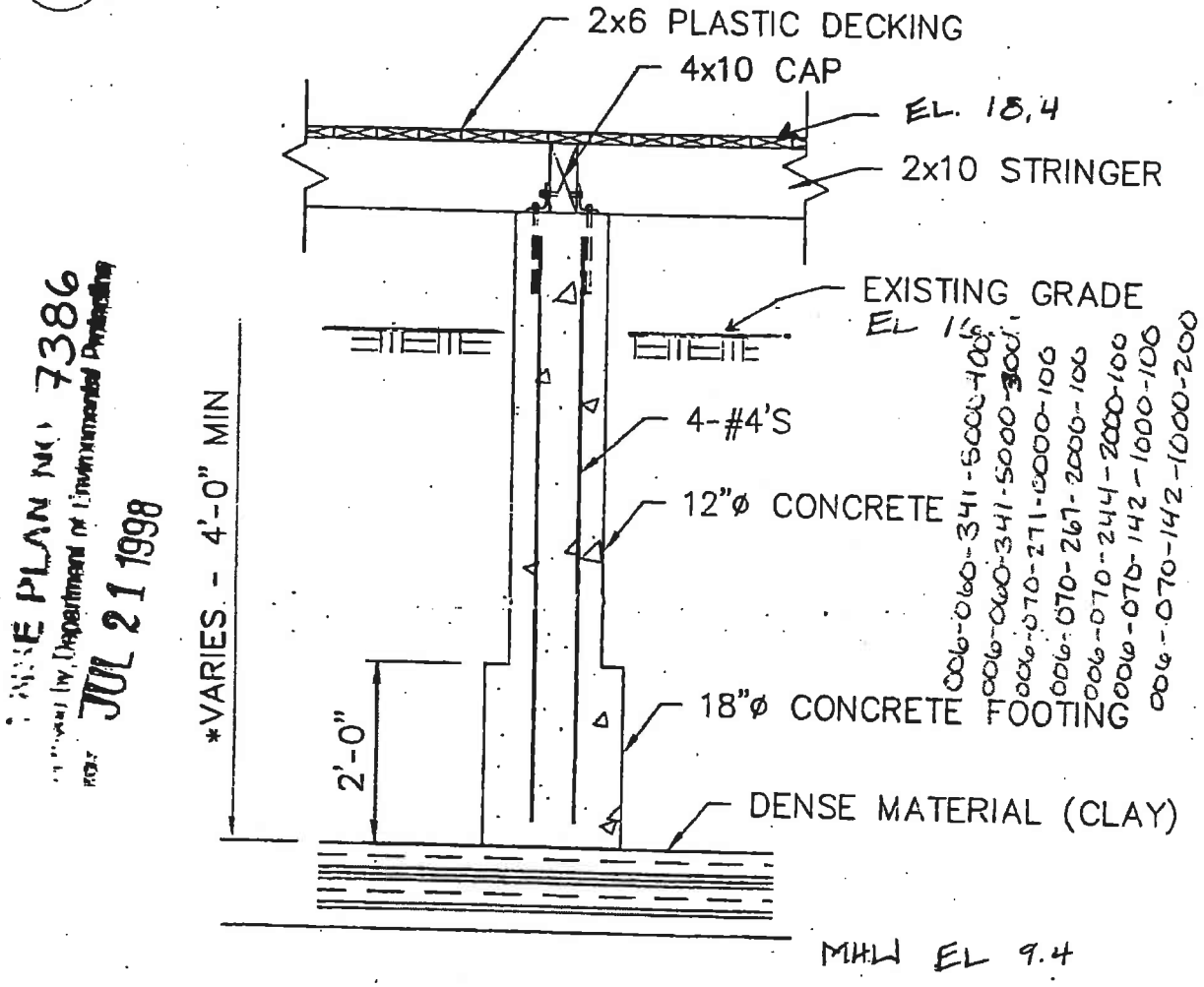
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 18 OF 24

NAME	TYPE	EXIST. GRADE @ WALK	EXIST. GRADE @ BEACH	DIFFERENCE IN ELEV.	RAMP LENGTH* L.F.
CB-1	AC	20.50	19.10	1.40	23.75
CB-2	AC	17.10	15.80	1.30	22.50
CB-3	AC	19.95	17.90	2.05	31.87
MST-1	AC	15.30	14.00	1.30	22.50
MST-2	B	15.60	13.30	2.30	35.00

*RAMP LENGTH INCLUDES THE DISTANCE REQUIRED TO EXTEND 6" BELOW CURRENT BEACH GRADE.

1/19 BEACH ENTRANCE ELEVATION MATRIX



PLAN NO. 7386
JUL 21 1998

*NOTE: DEPTH OF FOOTING VARIES FROM 4' MIN TO 7' MAX

2/19 CARSON BEACH BOARDWALK SUPPORT

SEE SHEET 18 OF 24 FOR PLEASURE BAY BOARDWALK SUPPORTS

PROPOSED CONSTRUCTION DETAILS

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

0 1 2 4
SCALE: 1/2"=1'-0"

FEBRUARY 199

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/20 SECTION OF 8' WIDE BOARDWALK @ PLEASURE BAY.

PLEASURE BAY
BOARDWALK SECTION VIEW

0 2 4 6

100 YR. FLOOD +9.
MHW −9.
MSL +4.
MLW −0.

LICENSE PLAN NO. 7386

Approved: Department of Environmental Protection

FEBRUARY 99

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

SECTION OF 10' WIDE BOARDWALK

1/21

BOARDWALK SECTION VIEW

0 2 4 6

SCALE: 3/8"=1'-0"

LICENSE PLAN NO. 7386

Department of Environmental Protection

DEC 2 1 1998

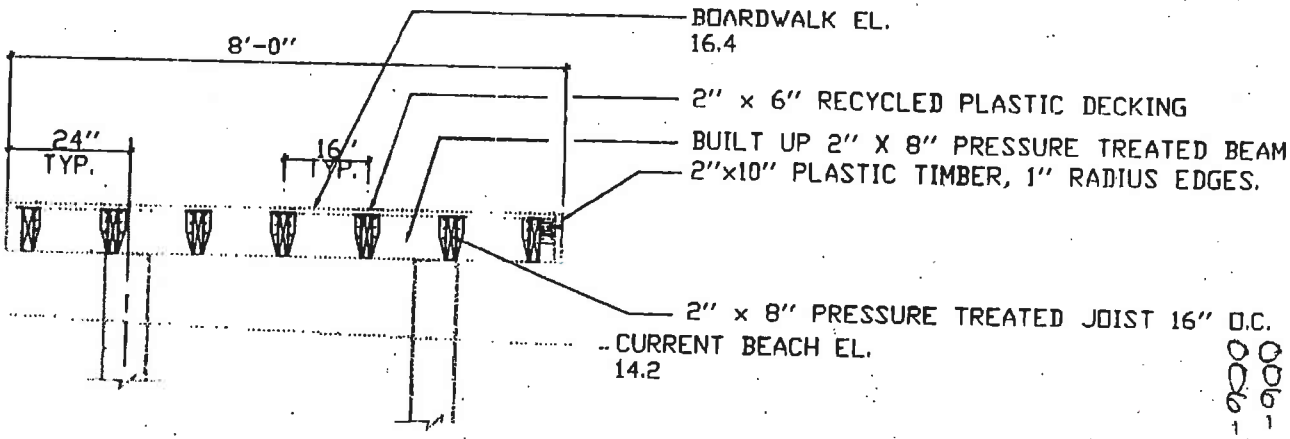
100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 1998
SHEET 21 OF 24

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

JUL 21 1998



1/22 SECTION OF 8' WIDE BOARDWALK

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-670-142-1000-200

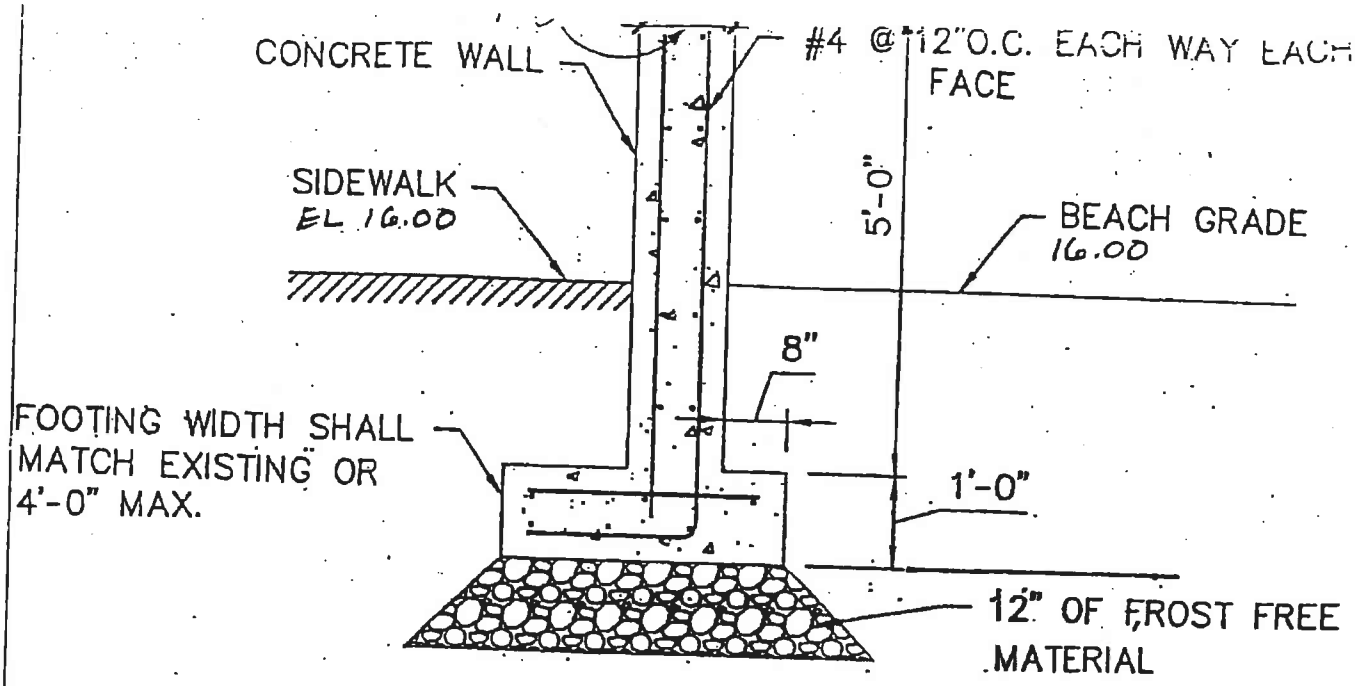
BOARDWALK SECTION VIEW

SCALE: 3/8"=1'-0"

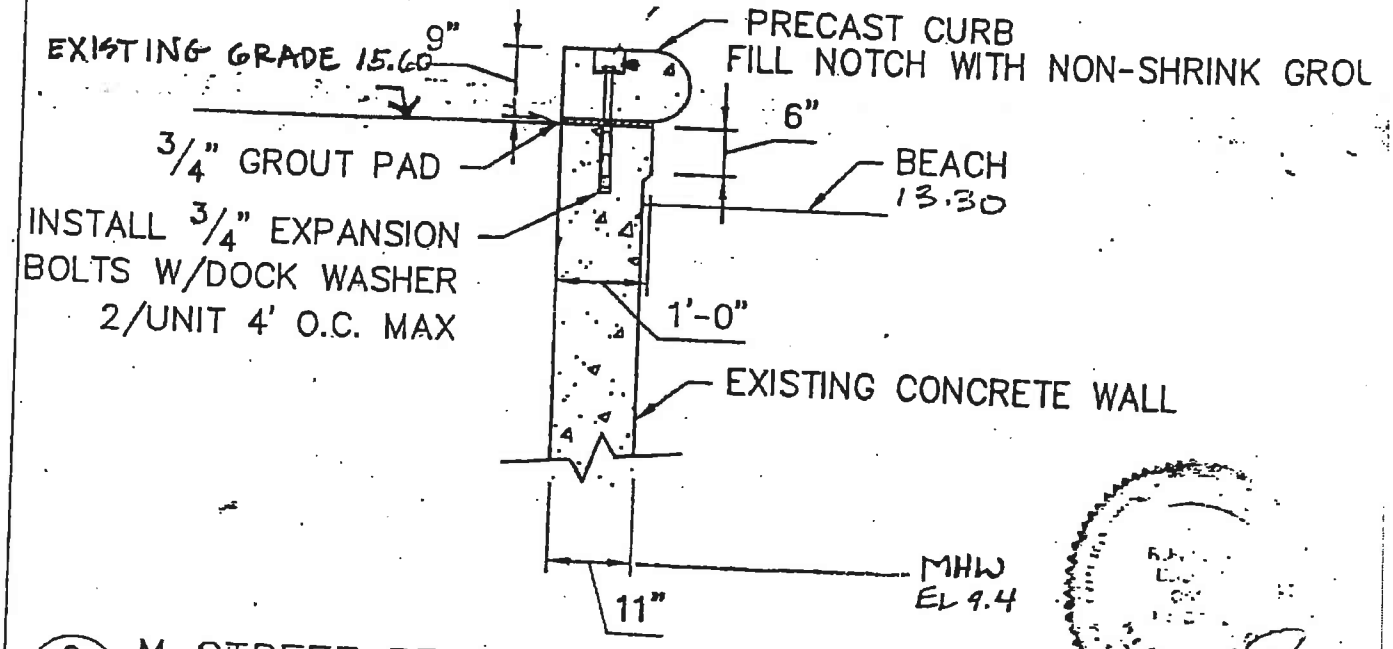
0 2 4 6

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 22 OF 2



1/23 INFILL WALL SECTION @ PLEASURE BAY



2/23 M-STREET BEACH WALL CAP

PLEASURE BAY & M-STREET BEACHES - WALL DETAILS

0 1 2 4

SCALE: 1"=1'-0"

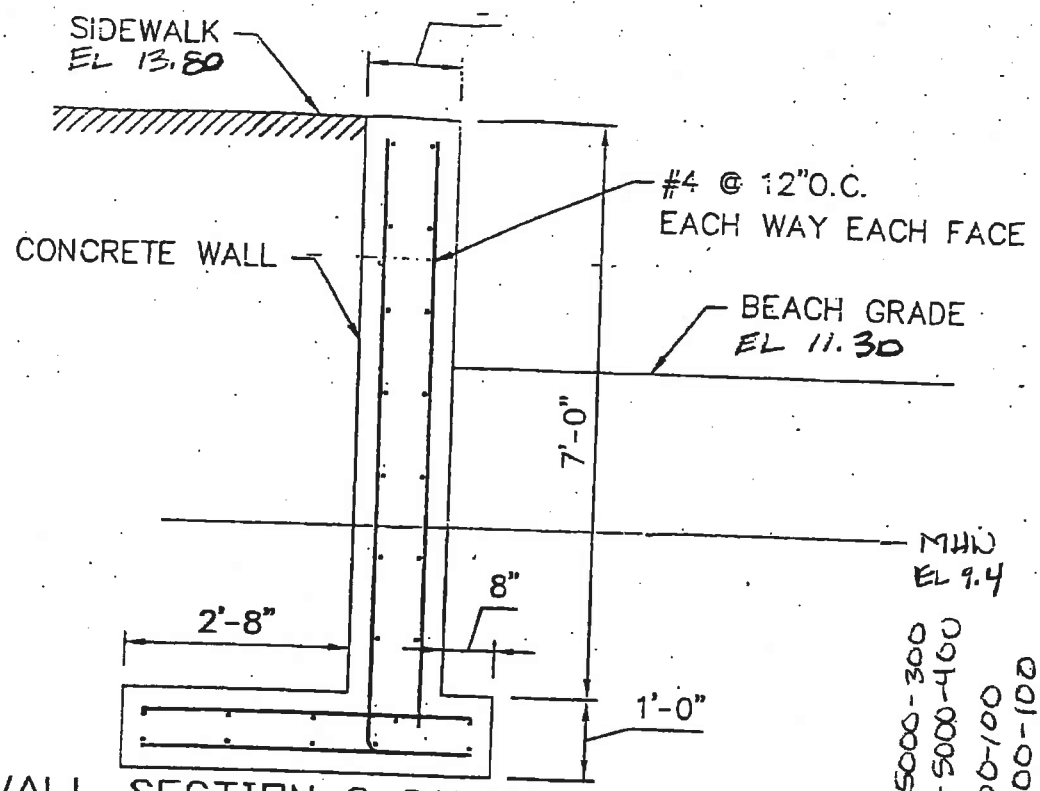
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.5
MLW +0.0

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

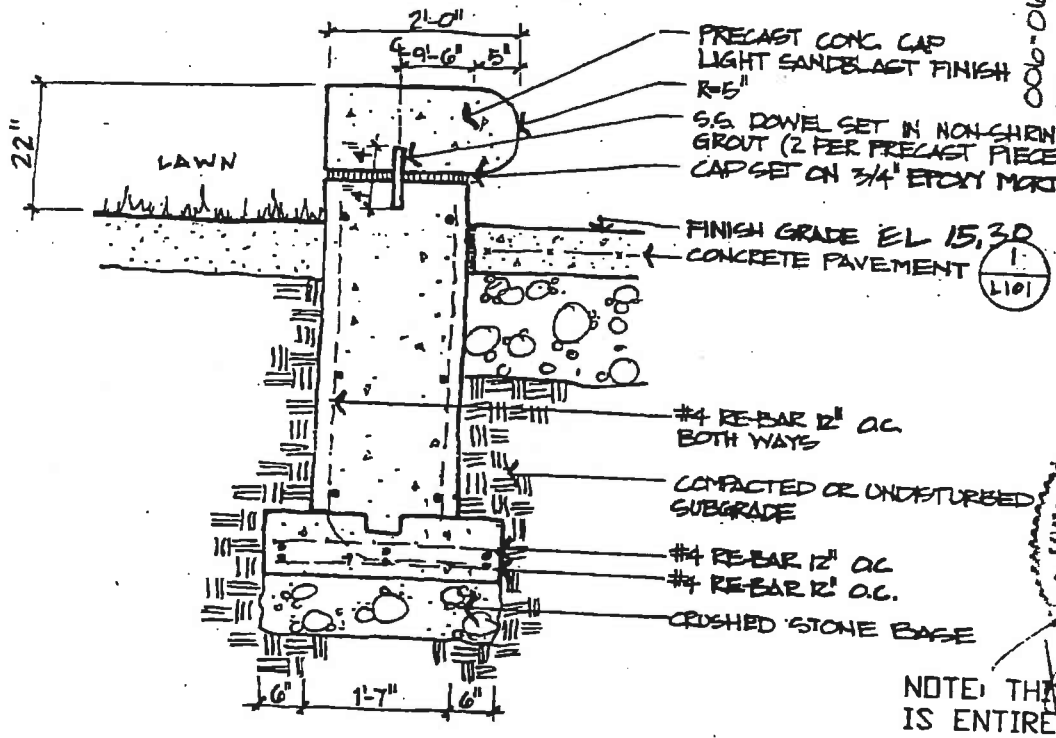
FEBRUARY 1995

SHEET 23 OF 24



1/24 WALL SECTION @ CAUSEWAY/ PENALTY BOX PLEASURE BAY

006-060-341-5000-300
006-060-341-5000-400
006-070-271-0000-100
006-670-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: THIS WALL IS ENTIRELY OUTSIDE OF BEACH RESOURCE AREA & IS WELL ABOVE HTL.

2/24 M-STREET BEACH CONC. SEATWALL

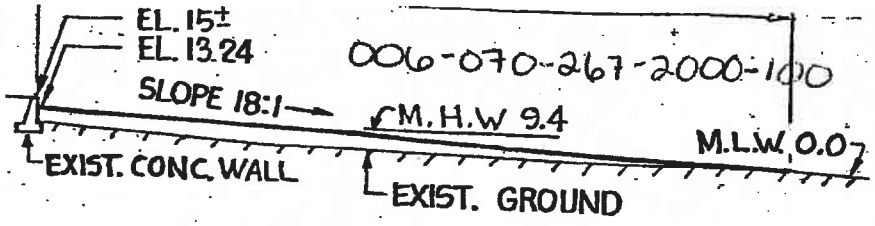
PLEASURE BAY & M-STREET BEACHES- WALL DETAILS

0 1 2 4
SCALE: 1/2"=1'-0"

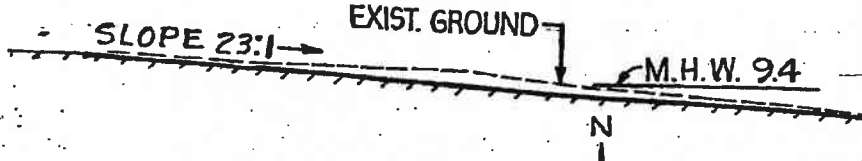
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO. 7386
Department of Environmental Protection
FEB 04 1998

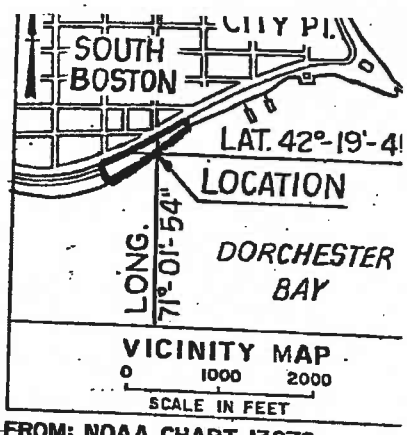
FEBRUARY 1998
SHEET 24 OF 24



SECTION B-B
0 30 60
SCALE IN FEET



SECTION A-A
0 30 60
SCALE IN FEET



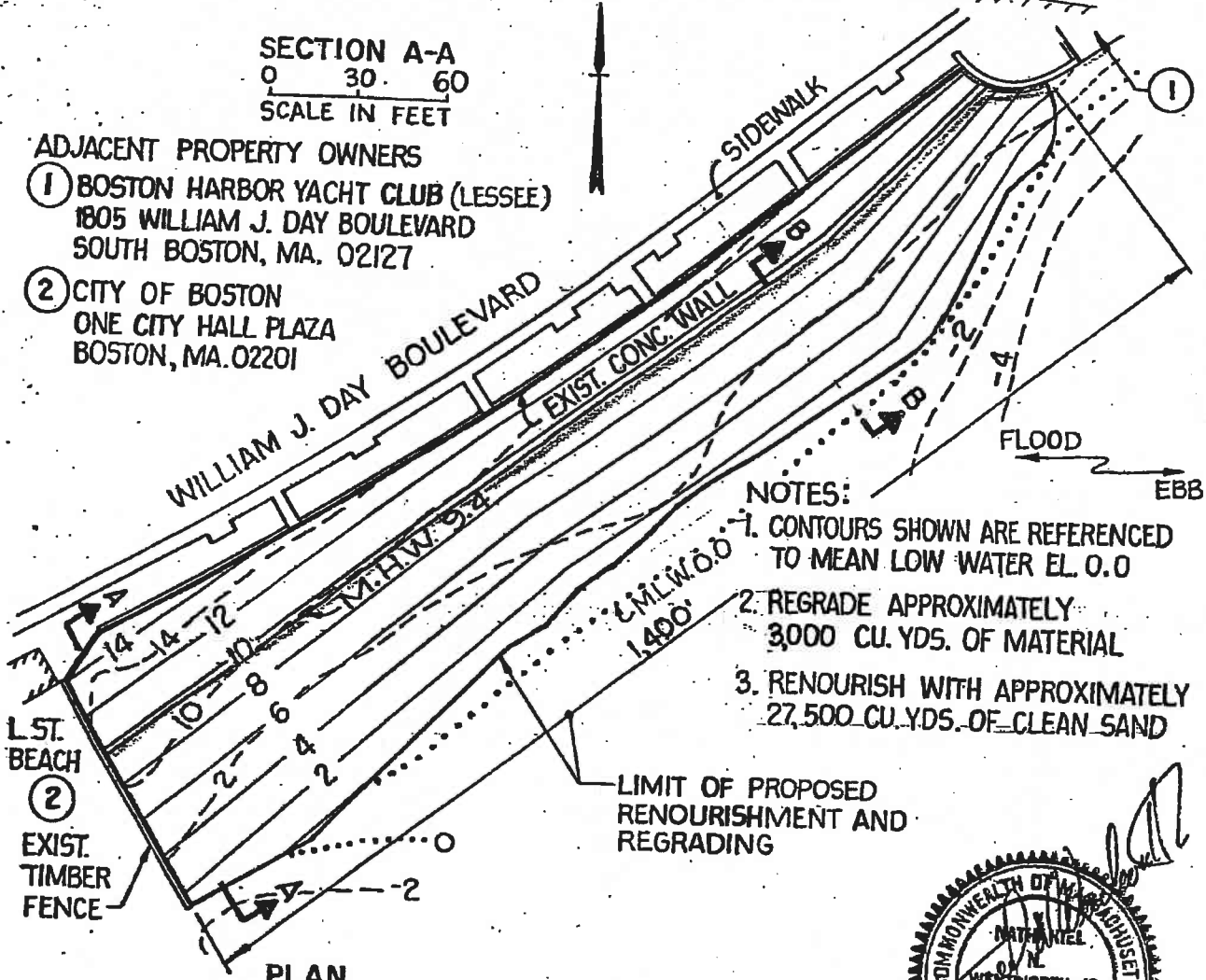
VICINITY MAP
0 1000 2000
SCALE IN FEET
FROM: NOAA CHART 13270

N

ADJACENT PROPERTY OWNERS

(1) BOSTON HARBOR YACHT CLUB (LESSEE)
1805 WILLIAM J. DAY BOULEVARD
SOUTH BOSTON, MA. 02127

(2) CITY OF BOSTON
ONE CITY HALL PLAZA
BOSTON, MA. 02201



PLAN
0 100 200
SCALE IN FEET

NOTES:
1. CONTOURS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. REGRADE APPROXIMATELY 3,000 CU. YDS. OF MATERIAL
3. RENOURISH WITH APPROXIMATELY 27,500 CU. YDS. OF CLEAN SAND

COMMONWEALTH OF MASSACHUSETTS
NATHANIEL N. WENTWORTH, JR.
No. 5457
REGISTERED PROFESSIONAL ENGINEER

82W-167 SHEET 1 OF 1

PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO REGRADE AND RENOURISH BEACH IN DORCHESTER BAY AT SOUTH BOSTON, MASSACHUSETTS

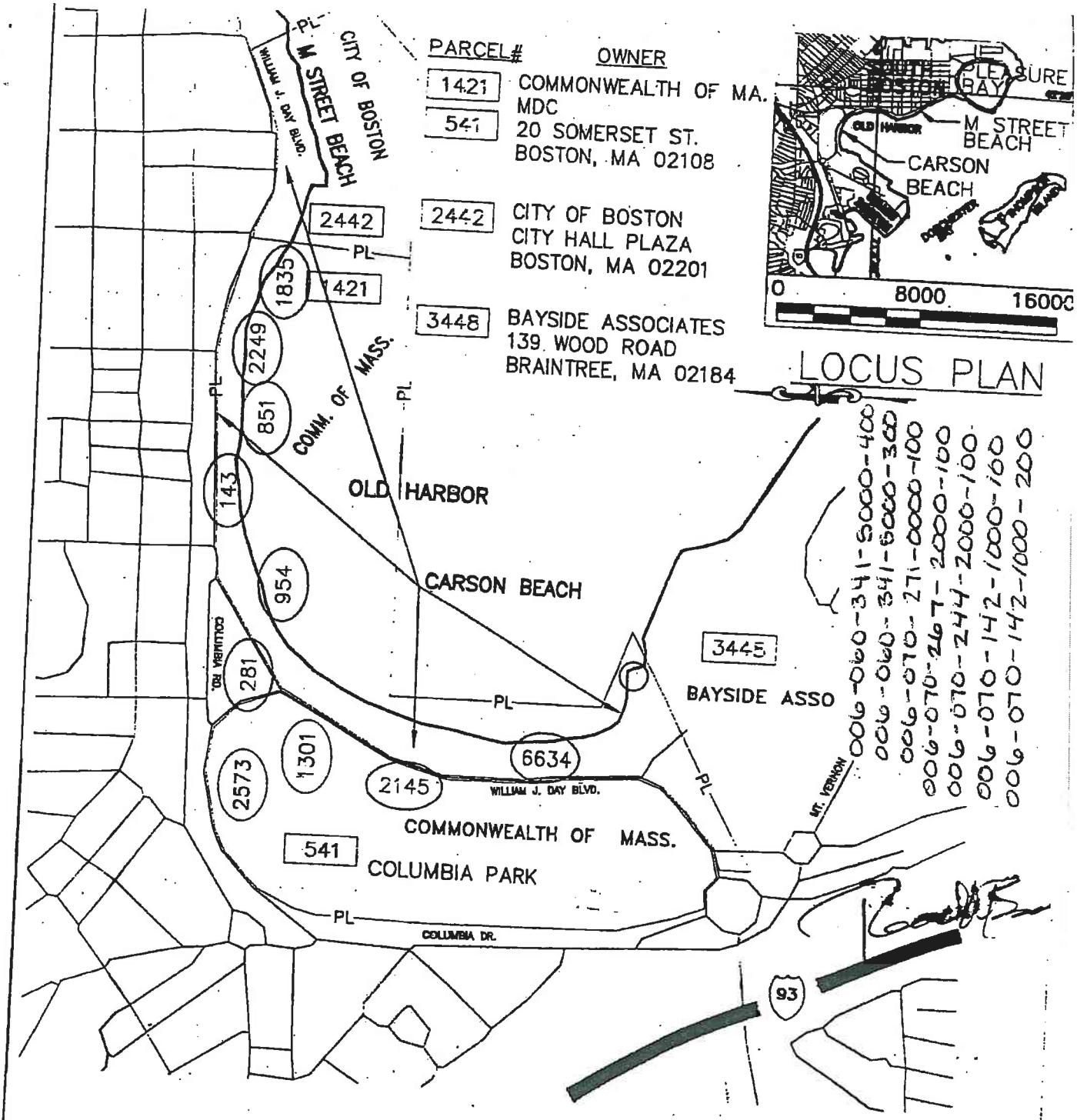
AUGUST 1982
FAY, SPOFFORD & THORNDIKE, INC. BOSTON

LICENSE PLAN NO. 924
Approved by Department of Environmental Quality Engineering of Massachusetts NOVEMBER 1, 1982

COMMISSIONER

CHIEF ENGINEER

M-066
C-15



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

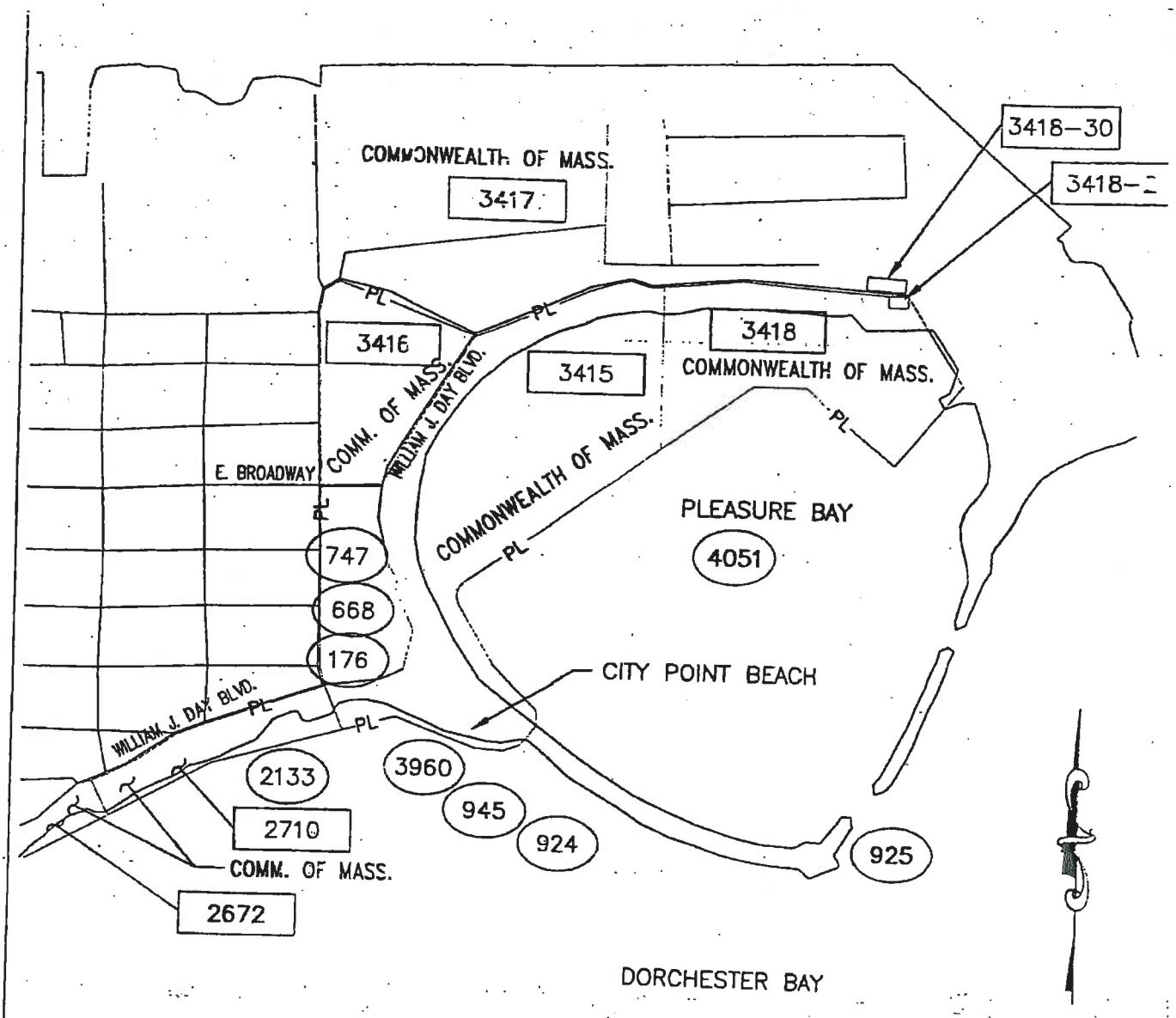
(2145) PREVIOUS CH. 91 LICENSES

100yr. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 1A OF 24

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN PUBLIC ACCESS FACILITIES INCLUDING BOARDWALKS & BEACH ENTRANCES & RECONSTRUCT SIDEWALKS, SITE WALLS & PARKING LOTS.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Massachusetts
JUL 21 1998
for James Sprague



925 PREVIOUS CH. 91 LICENSES

PARCEL #	
2672	2710
3415	3416
3417	3418
3418–2	3418–30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 7386

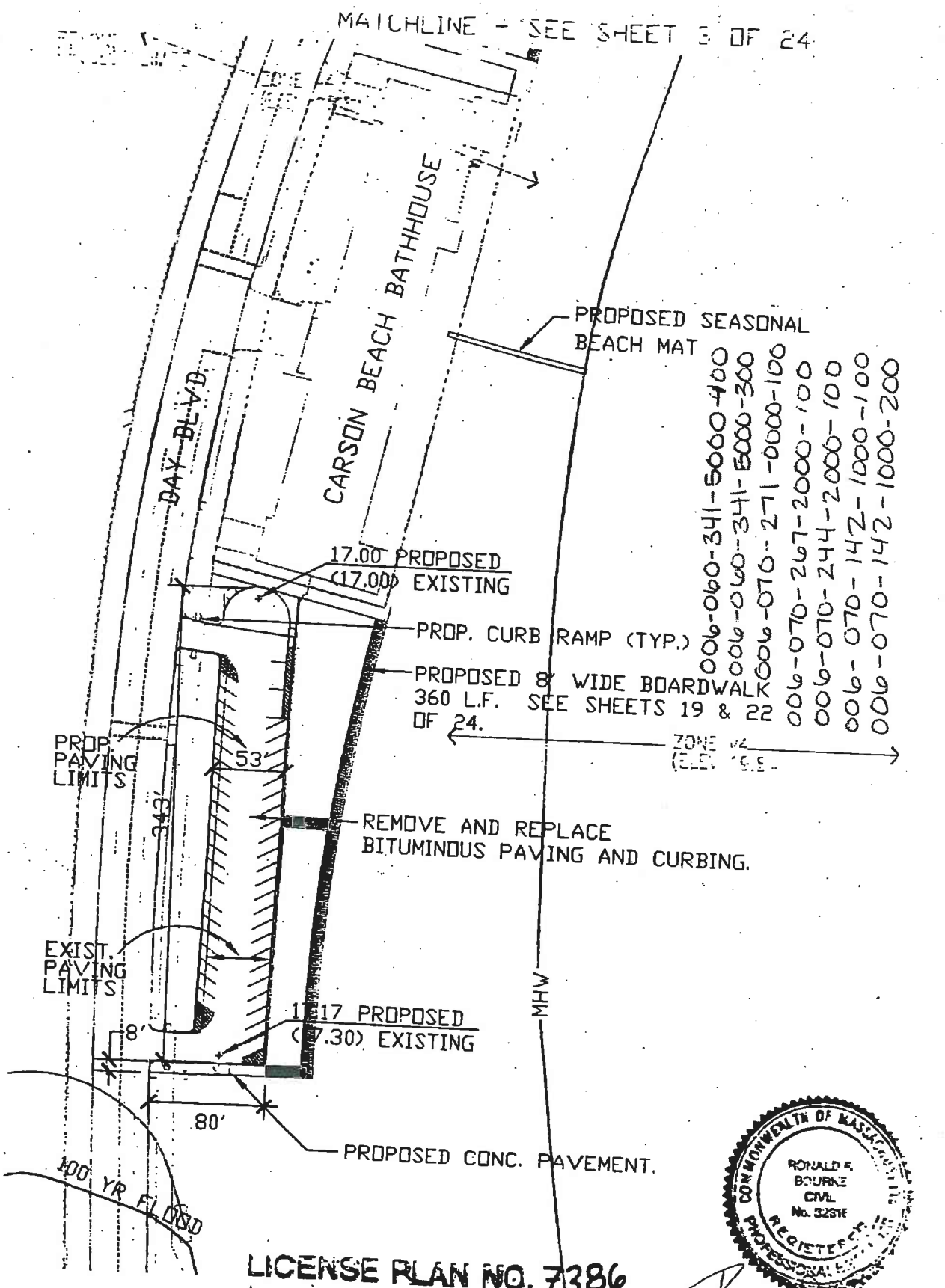
Approved by Department of Environmental Protection

Date JUL 21 1998

100yr. FLOOD +19.6
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998

SHEET 1B OF 2



LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
Date: JUL 21 1999

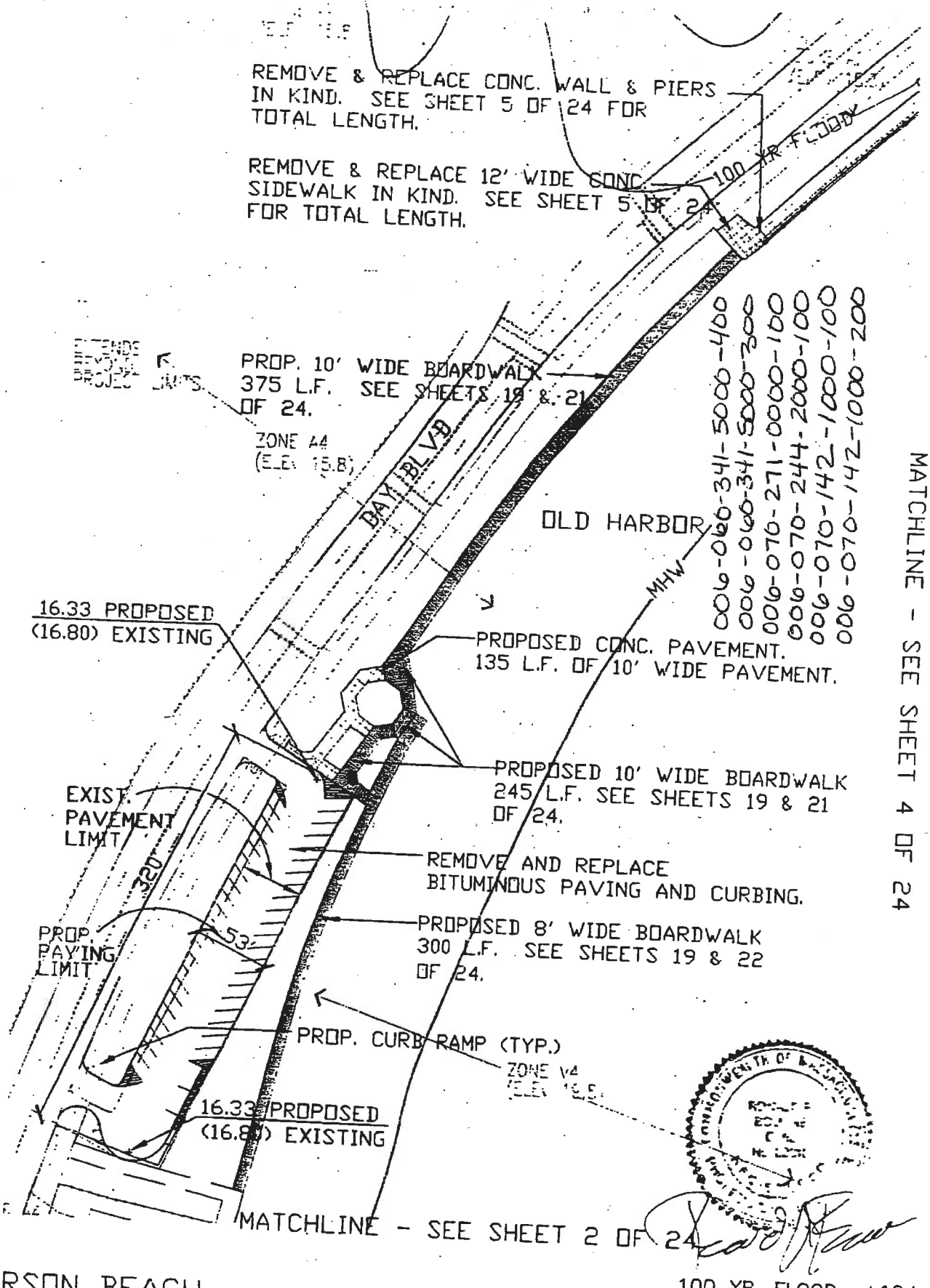
RONALD F. BOURNE
CIVIL
No. 32516
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

100 YR. FLOOD +19.
MHW +9
MSL +4
MLW +0

FEBRUARY 199



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE 1" = 100'

LICENSE PLAN NO. 7386

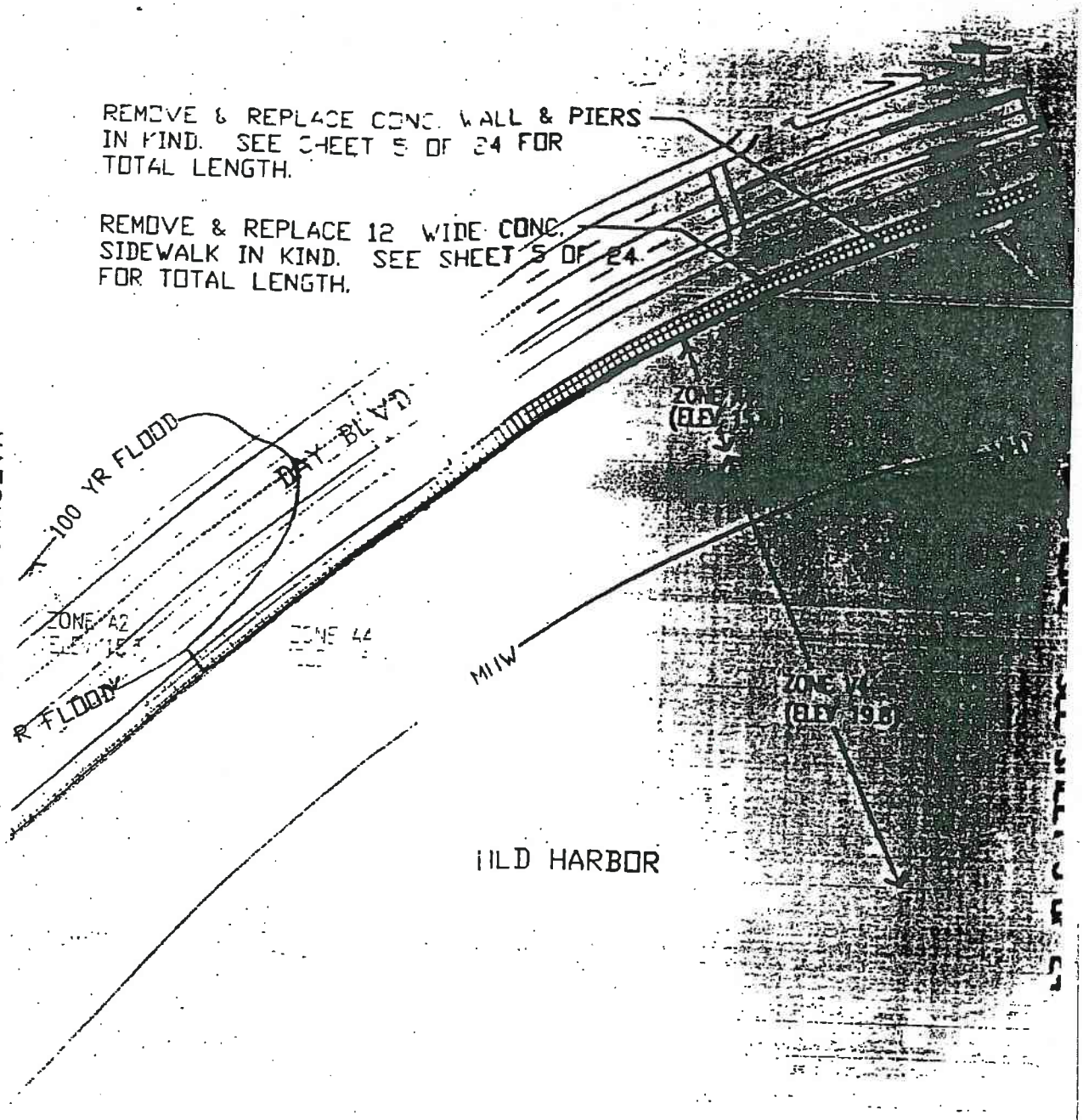
Approved by Department of Environmental Protection

Date: JUL 21 1998

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199

SHEET 3 OF



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

CARSON BEACH
PROPOSED CONSTRUCTION PLAN VIEW

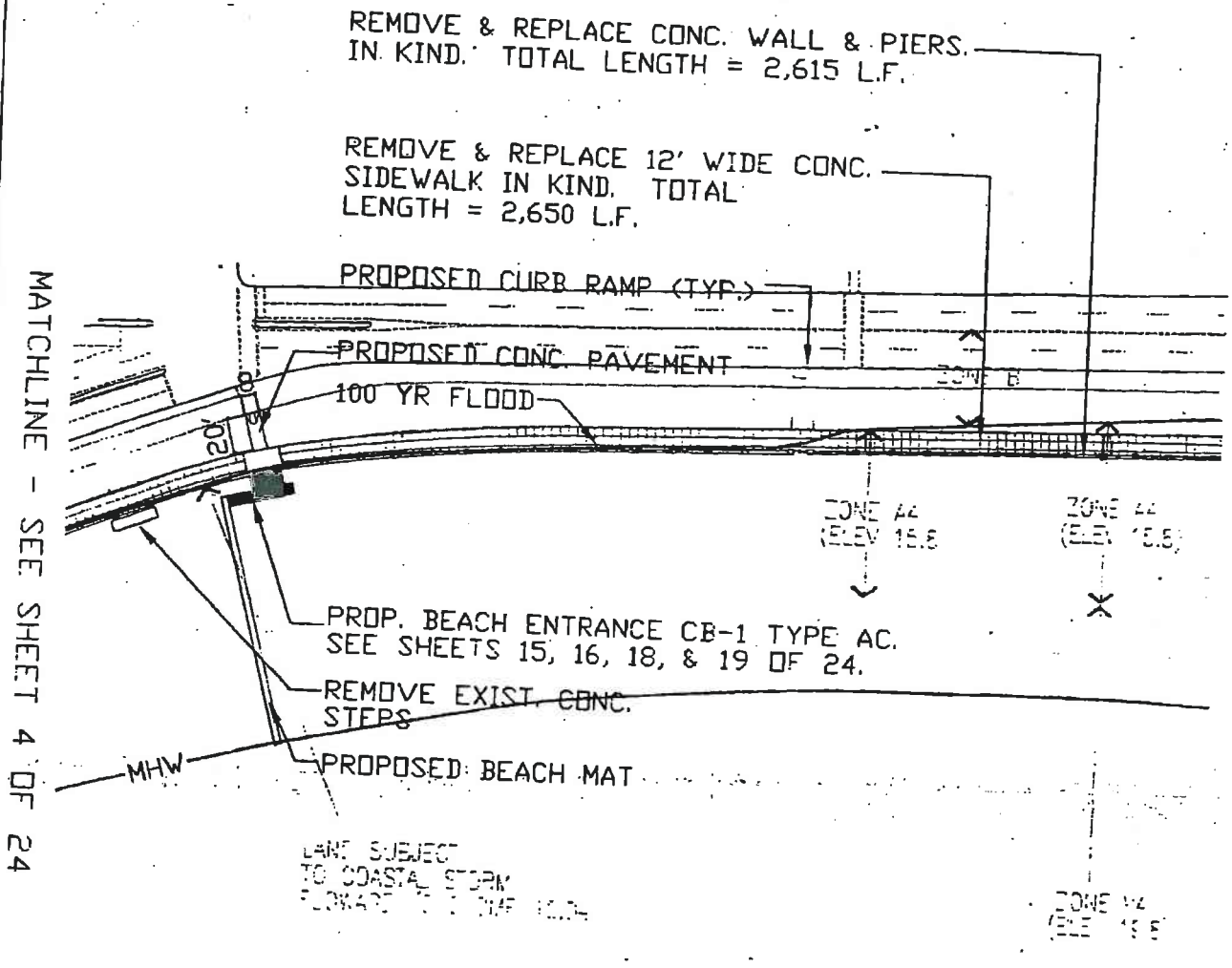
0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +
MSL +
MLW +

FEBRUARY 19
SHEET 4 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



RONALD R. BOURNE CIVIL No. 32016 REGISTERED PROFESSIONAL

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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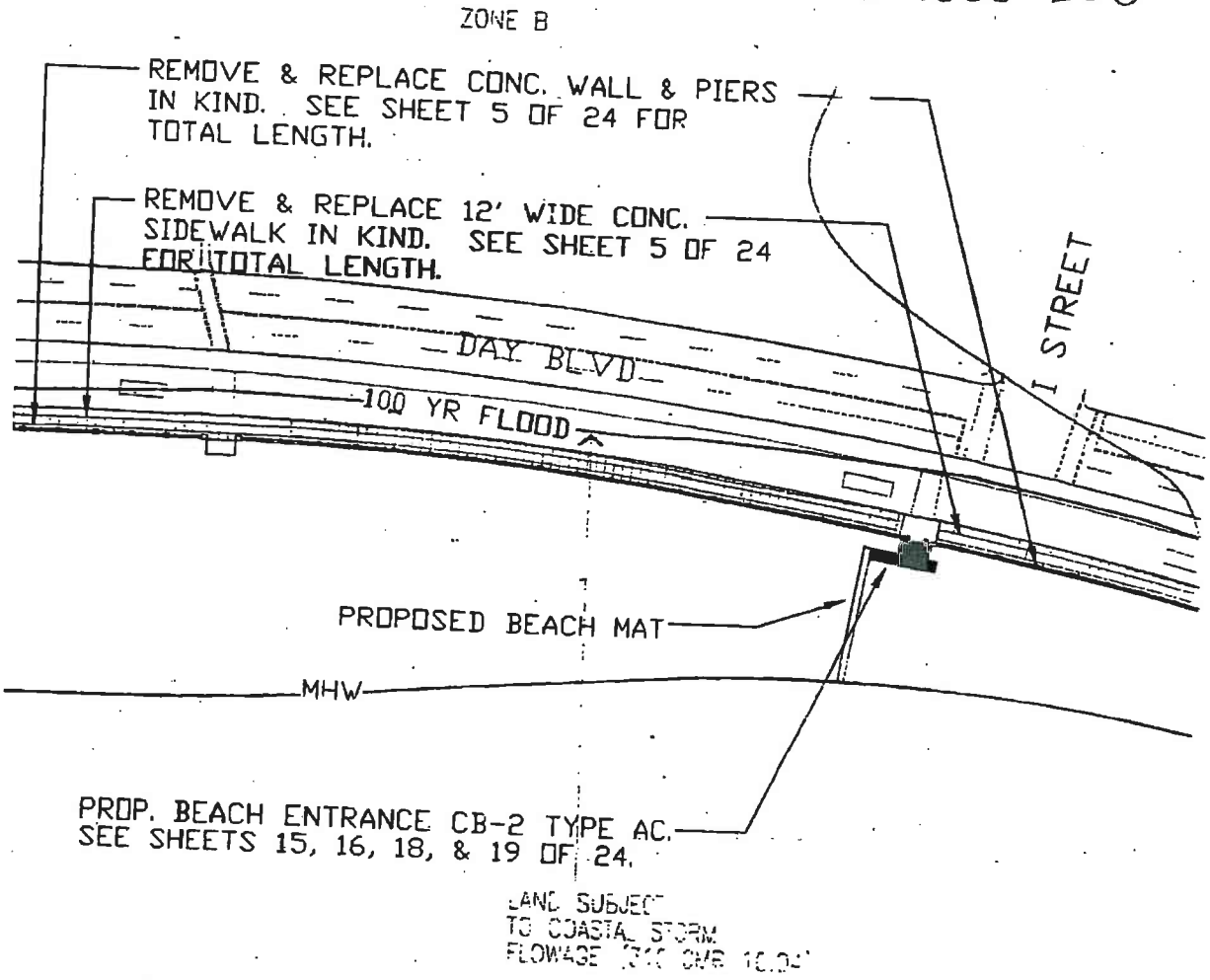
006-070-142-1000-200



MATCHLINE - SEE SHEET 5 OF 24

MATCHLINE - SEE SHEET 7 OF 24

RONALD F BOURNE CIVIL No. 32216 REGISTERED PROFESSIONAL ENGINEER

CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100-0"

LICENSE PLAN NO 7386

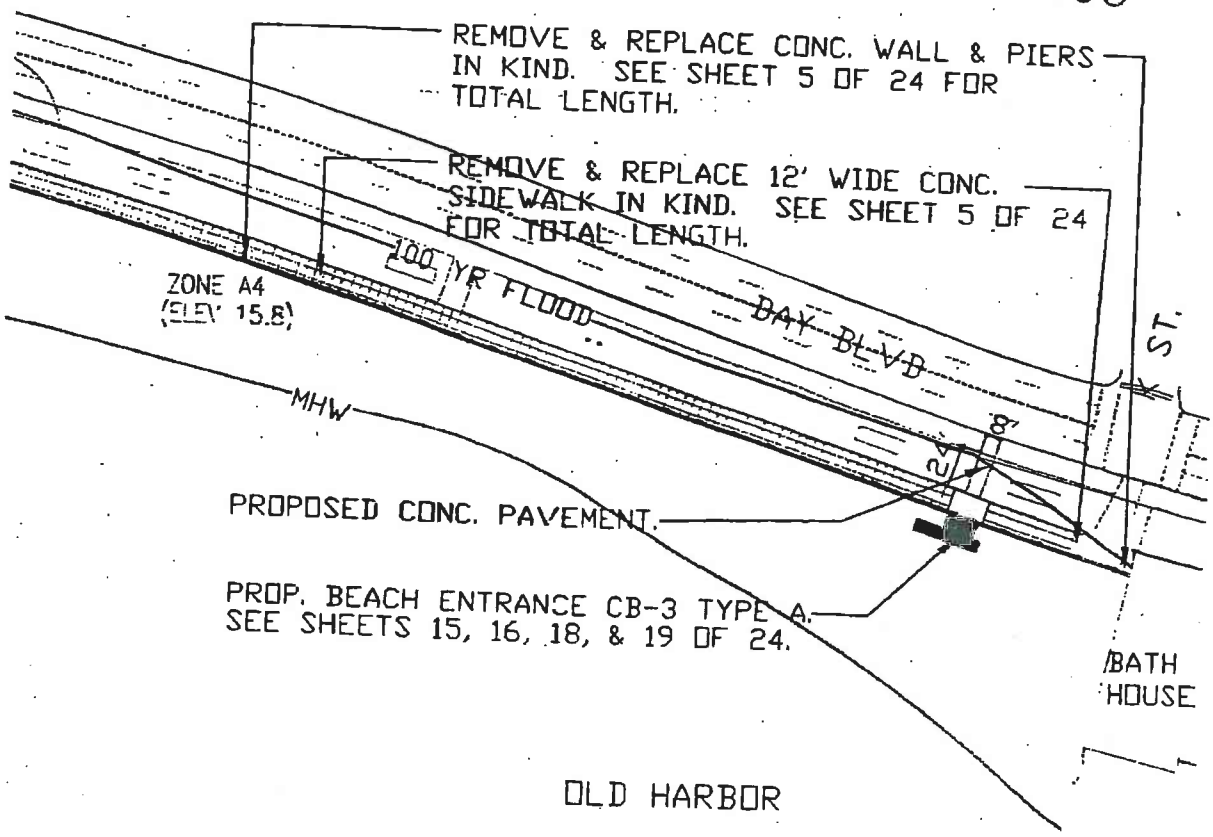
Approved by Department of Environmental Protection

Date: OCT 9 1998

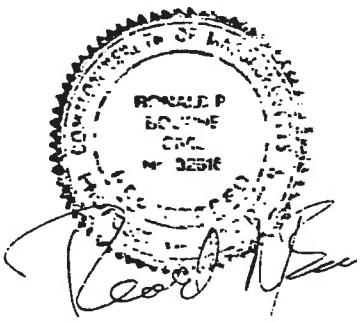
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 6 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



MATCHLINE - SEE SHEET 6 OF 24



CARSON BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

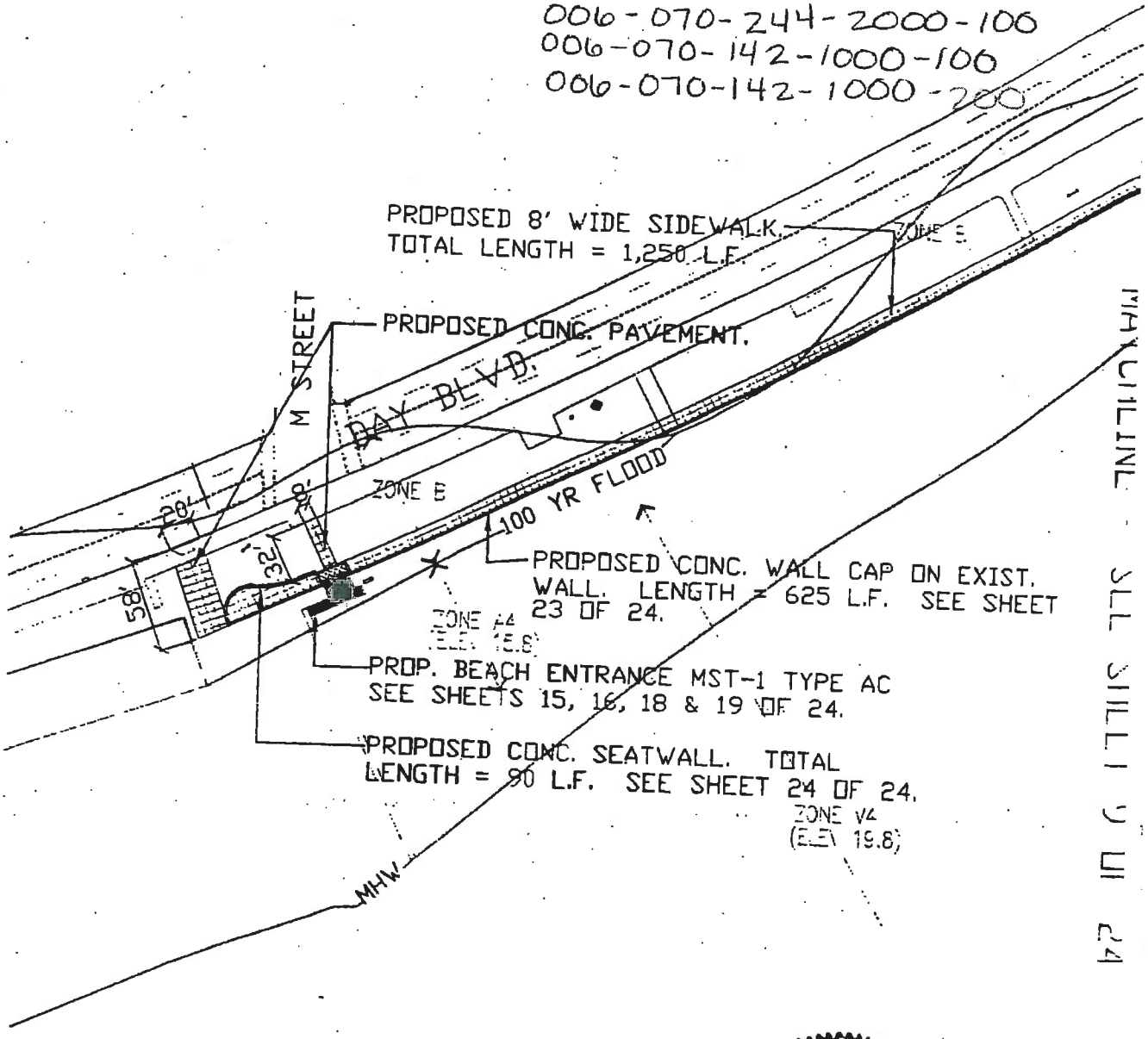
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 7 OF 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-106
006-070-142-1000-100
006-070-142-1000-200



COMMONWEALTH OF MASSACHUSETTS
RONALD R. EDURNE
CIVIL
No. 32618
REGISTERED PROFESSIONAL ENGINEER

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

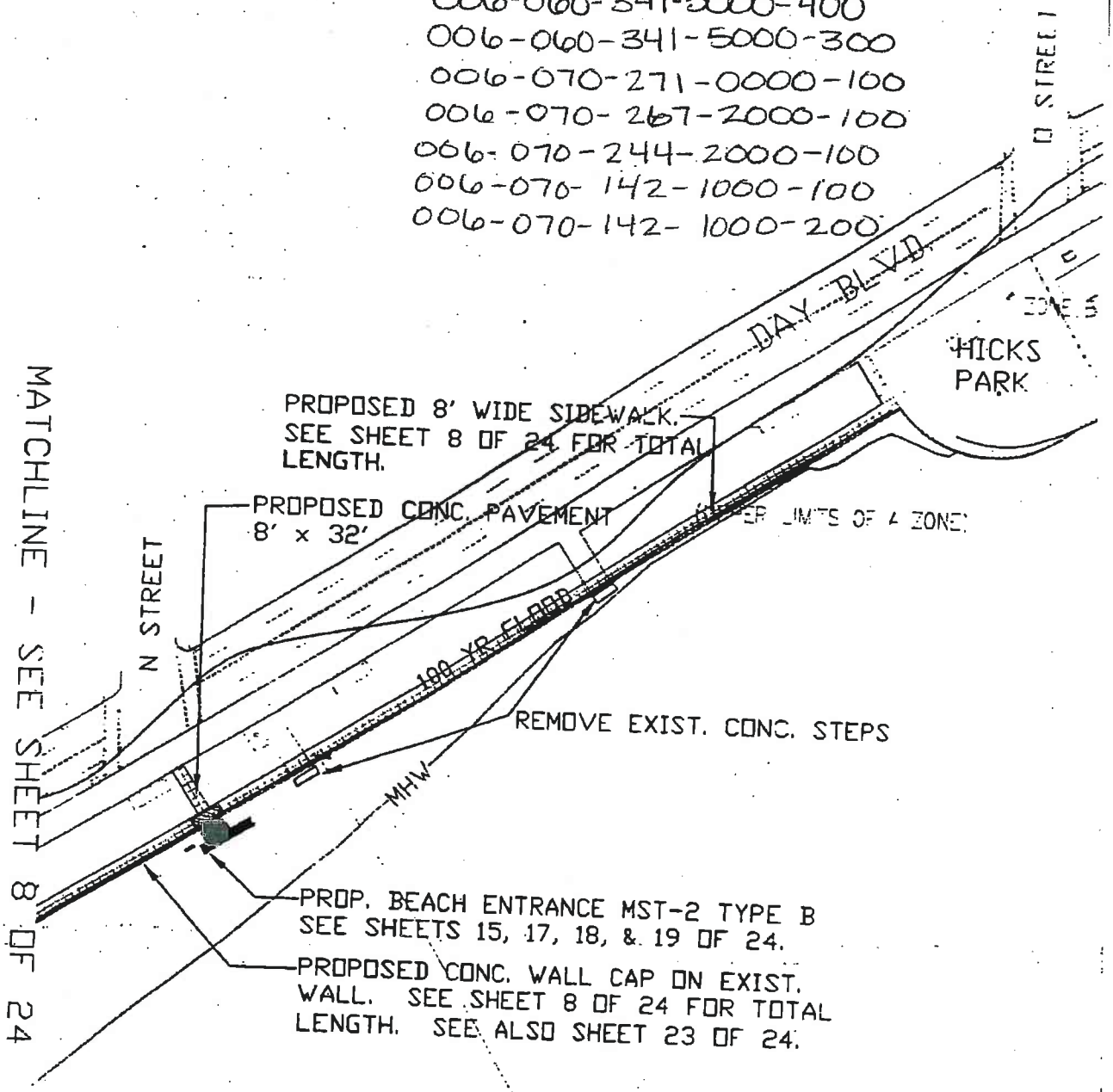
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection

100 YR. FLOOD +19.3
MHW +9.2
MSL +4.3
MLW +0.3

FEBRUARY 1995
SHEET 5 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

M-STREET BEACH
PROPOSED CONSTRUCTION - PLAN VIEW

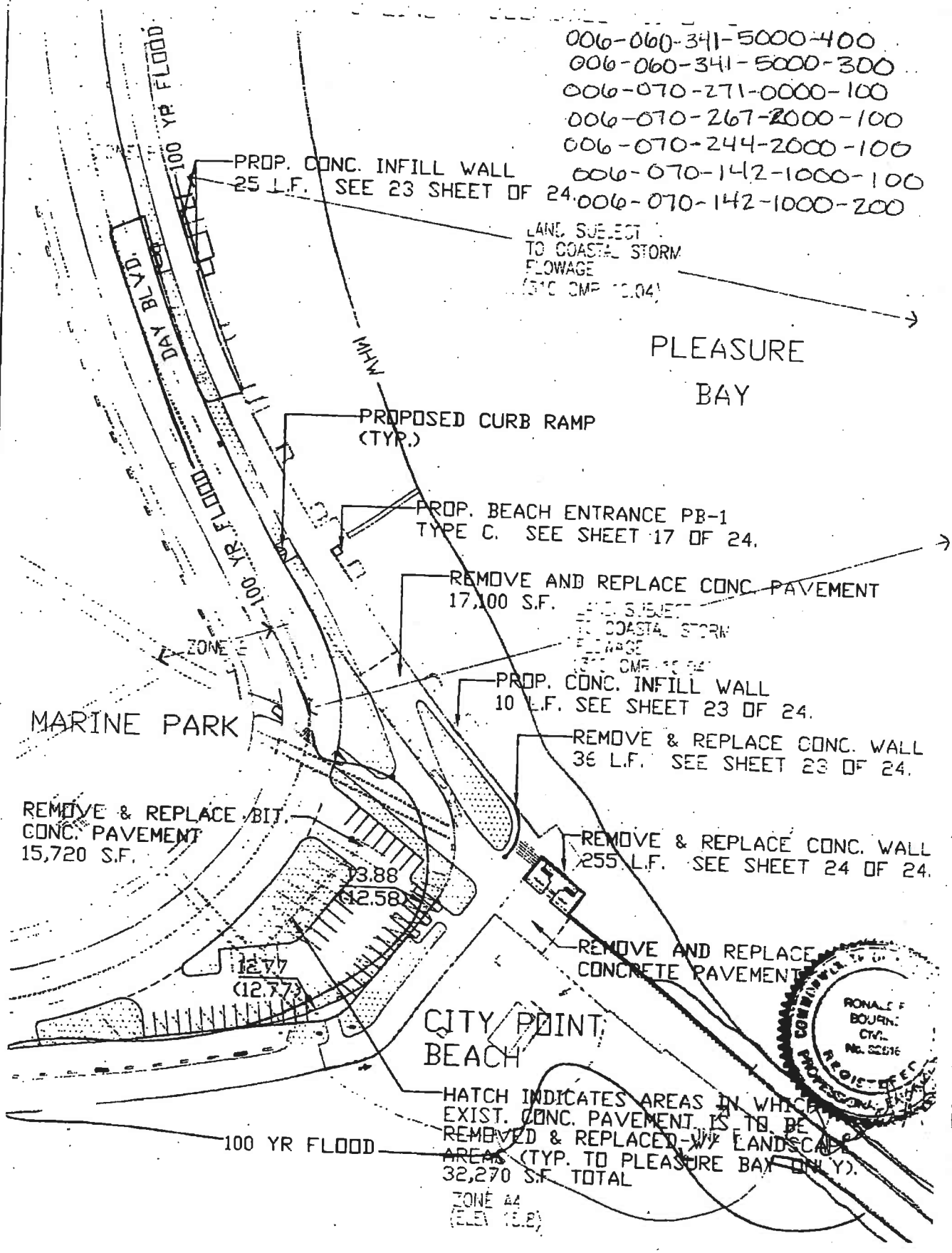
0 100 200
SCALE: 1"=100-0"

LICENSE PLAN NO. 7386

Department of Environmental

MAY 21 1999

FEBRUARY 199
SHEET 9 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

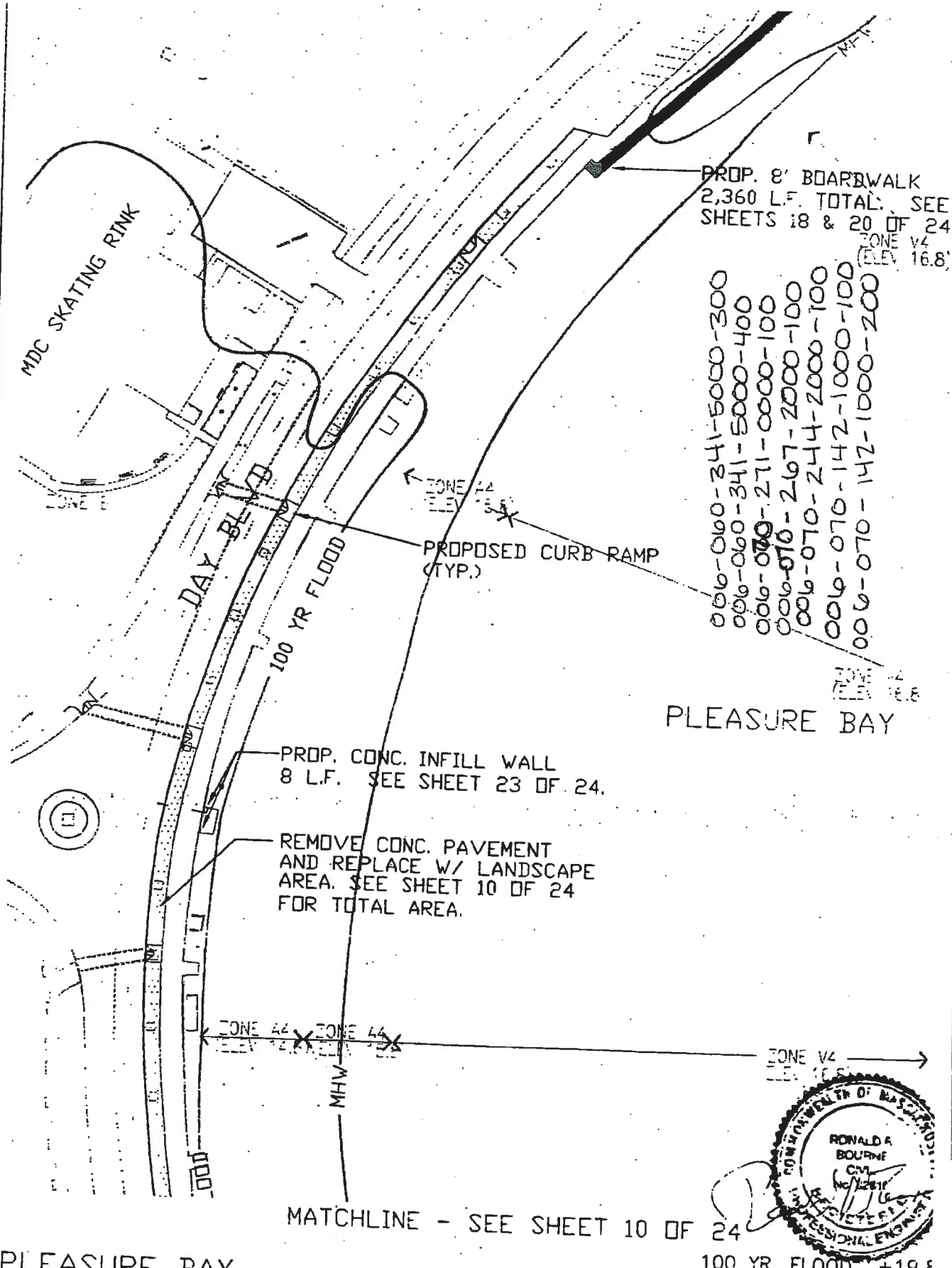
SCALE 1"=100-0"

LICENSE PLAN NO. 7386

Date: 11 9 1998

100 YR. FLOOD +19
MHW +9
MSL +4
MLW +0

FEBRUARY 199
SHEET 10 OF



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LICENSE PLAN NO. 7386

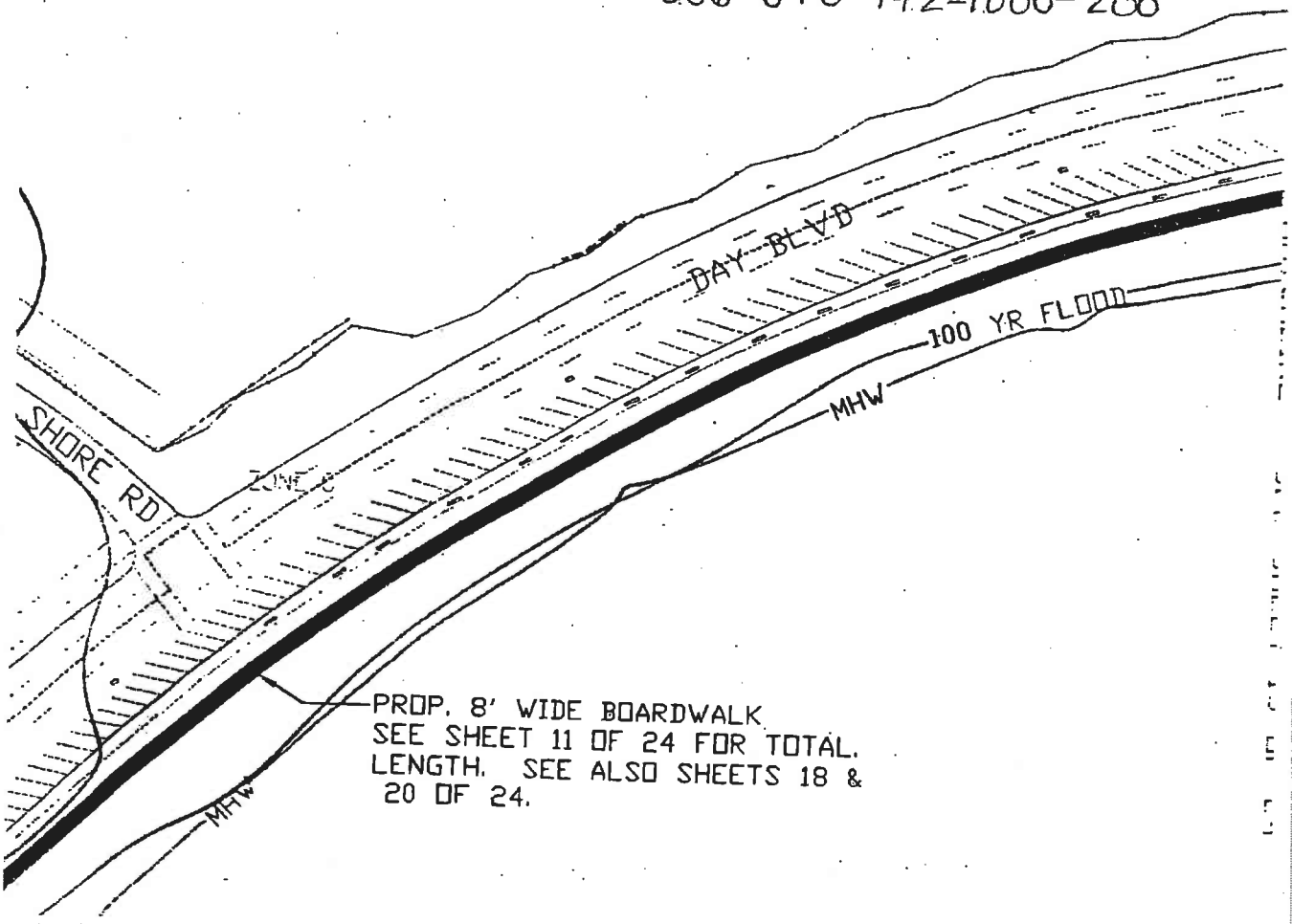
approved by Department of Environmental Protection

Date: 9-4-1998

FEBRUARY 1998

SHEET 11 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



PROP. 8' WIDE BOARDWALK
SEE SHEET 11 OF 24 FOR TOTAL LENGTH. SEE ALSO SHEETS 18 & 20 OF 24.

MATCHLINE - SEE SHEET 11 OF 24

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

SCALE: 1"=100'-0"

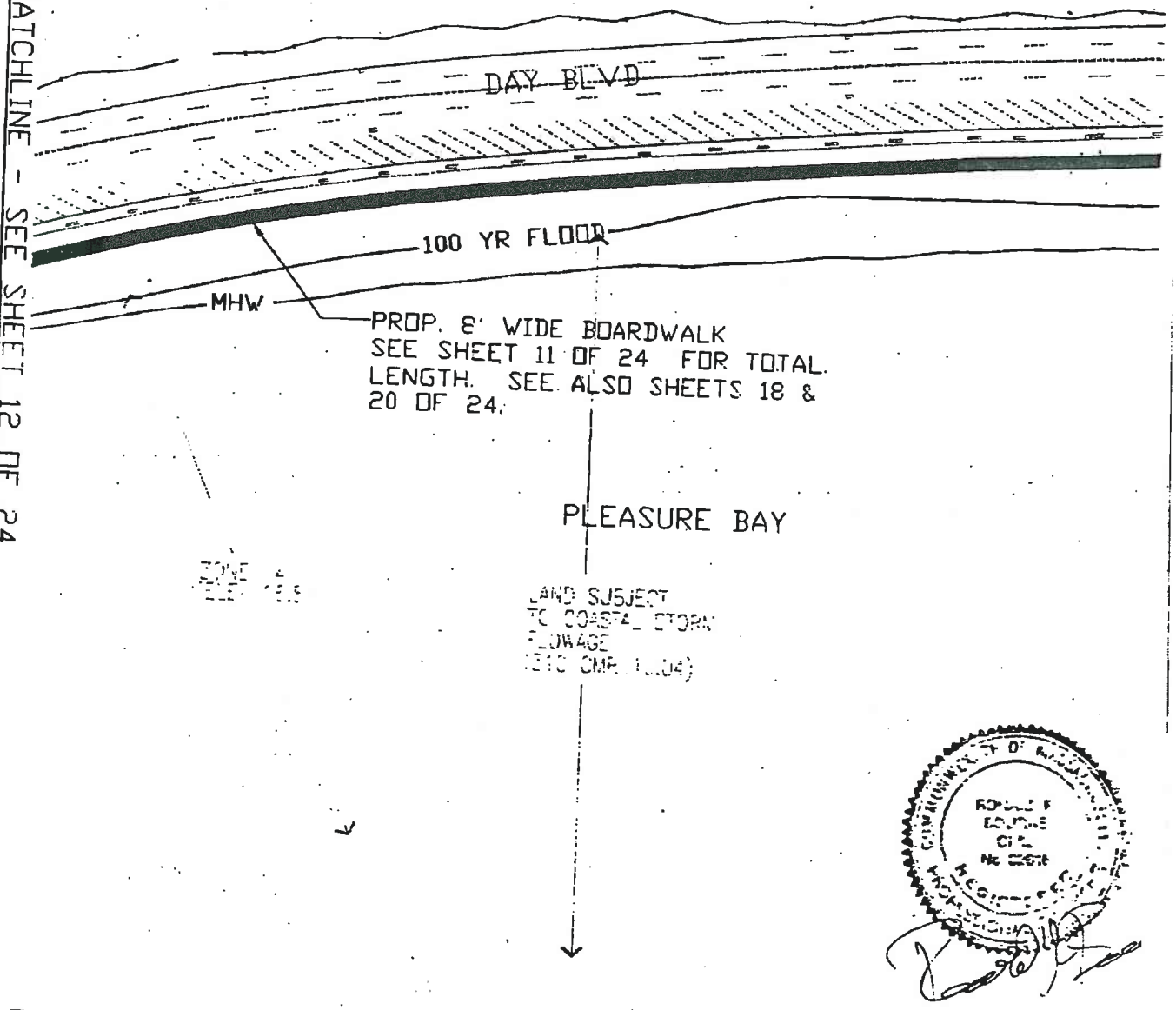
EDGE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD	+19.8
MHW	+9.4
MSL	+4.8
MLW	+0.0

FEBRUARY 1998
SHEET 12 OF 24

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

0 100 200

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 13 OF

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
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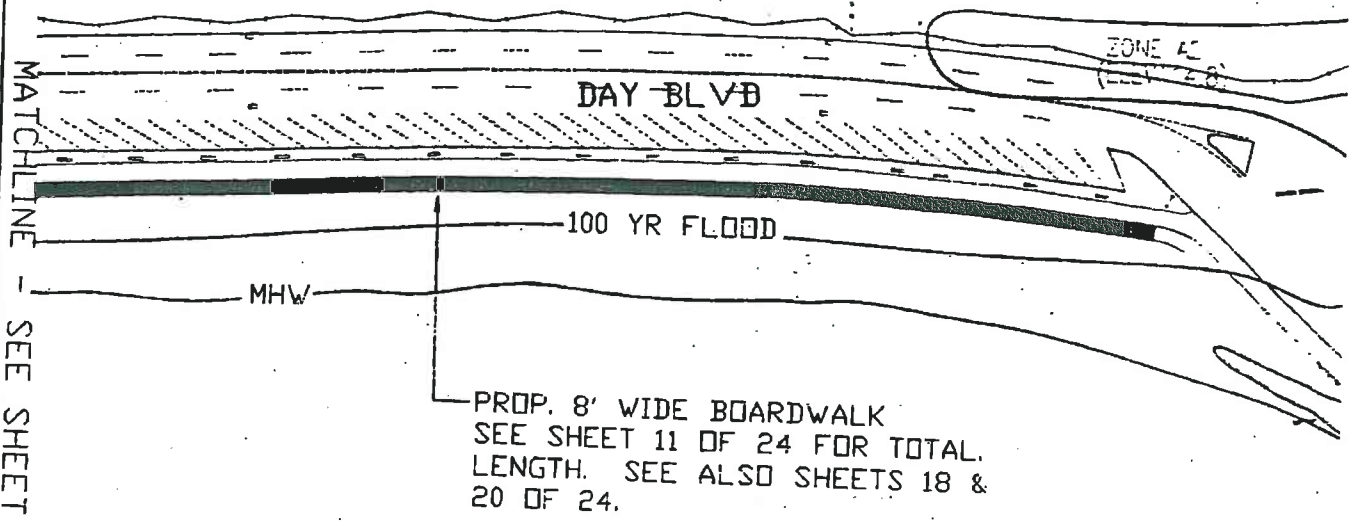
006-070-142-1000-200



COMMONWEALTH OF MASSACHUSETTS
RONALD P. BOURNE
CIVIL
REGISTERED

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

PLEASURE BAY
PROPOSED CONSTRUCTION - PLAN VIEW

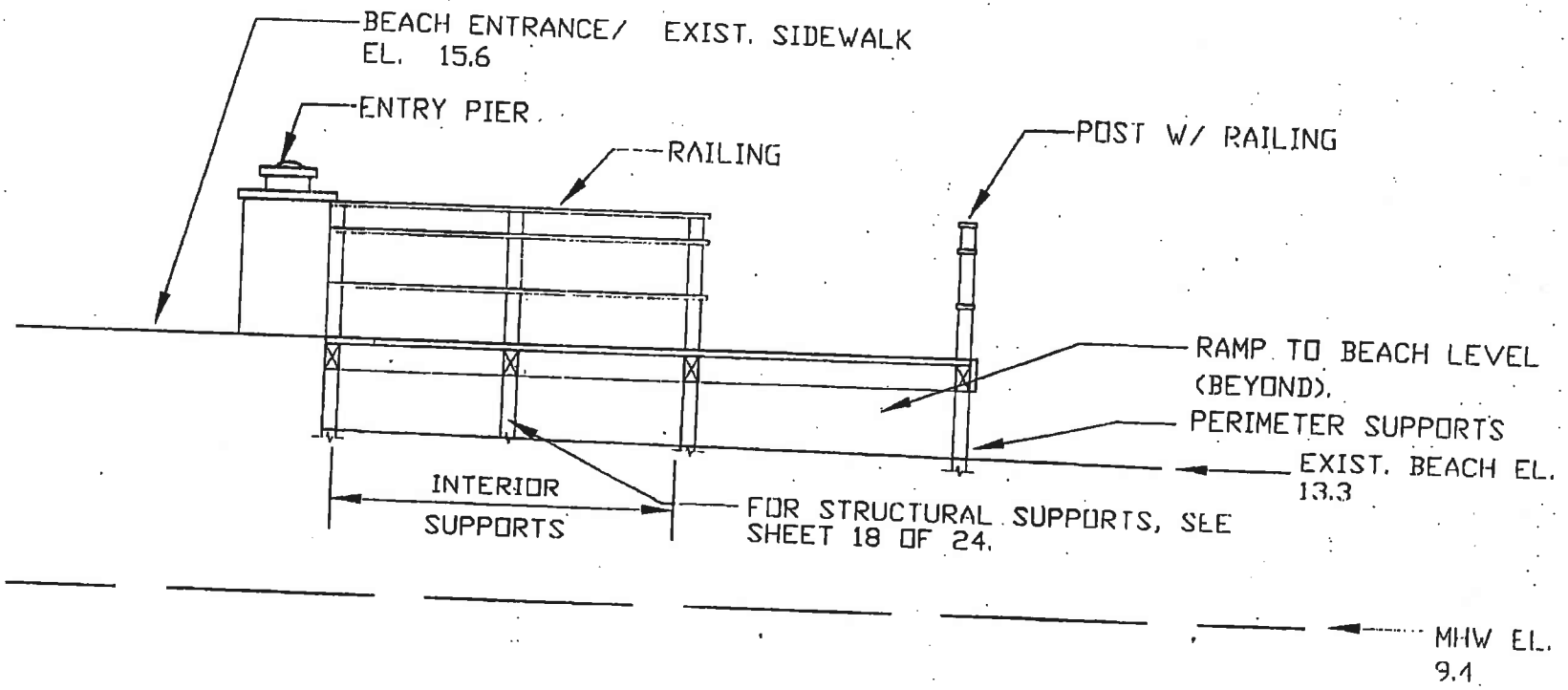
0 100 200
SCALE: 1"=100'-0"

LICENSE PLAN NO 7386
Approved by Department of Environmental Protection
Date: 9/1/1998

FEBRUARY 1998
SHEET 14 OF 2

BEACH ENTRANCE - SECTION VIEW

SCALE: 1/4"=1'-0"



1/15 SECTION OF BEACH ENTRANCE

SECTION SHOWN IS OF THE BEACH ENTRANCE AT LOWEST ELEVATION (CLOSEST TO MHW)

NOTE: ALL STRUCTURES ARE PROPOSED UNLESS OTHERWISE NOTED.

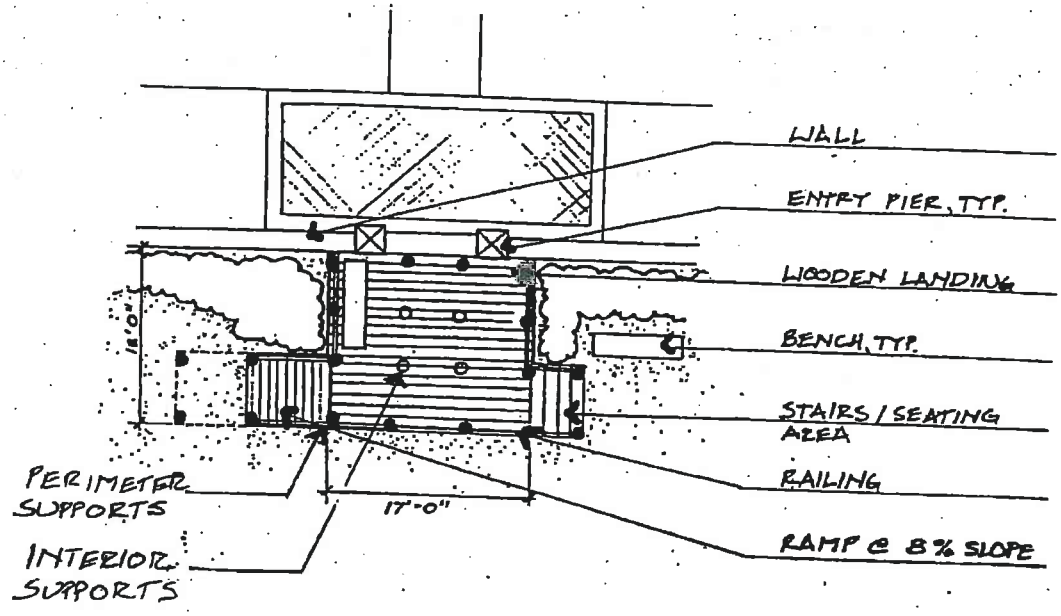
006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

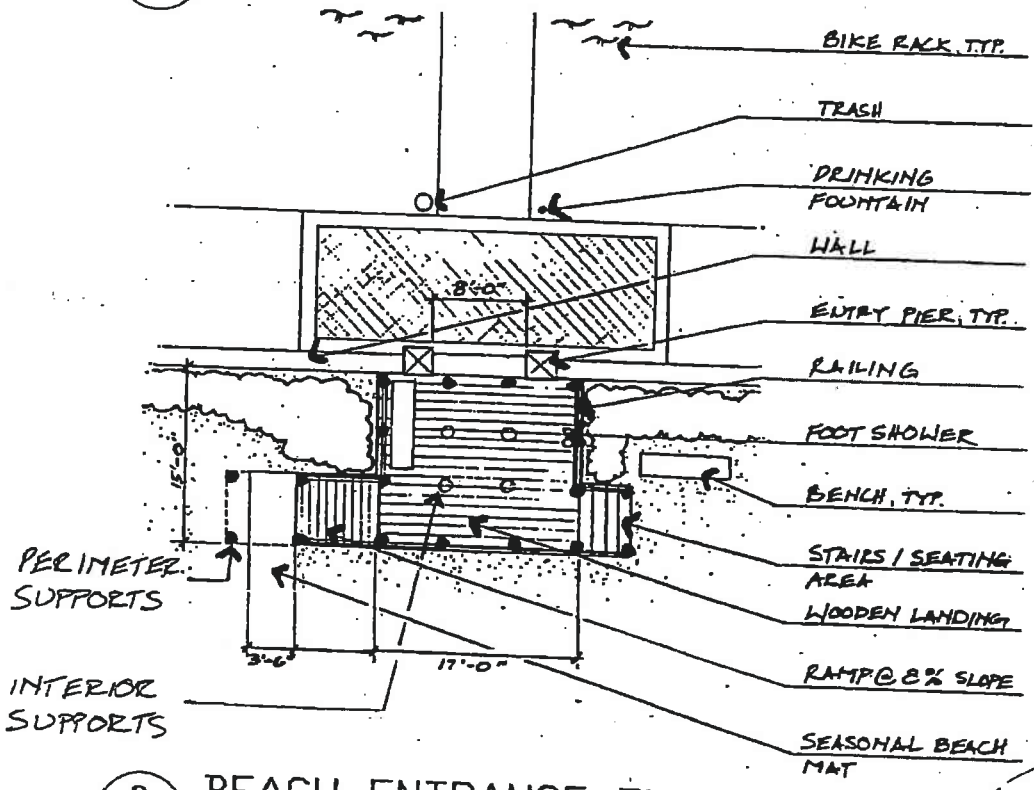
LICENSE PLAN NO 7386

JUL 21 1998

FEBRUARY 1998
SHEET 15 OF 24



1/16 BEACH ENTRANCE TYPE A



006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/16 BEACH ENTRANCE TYPE AC

PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

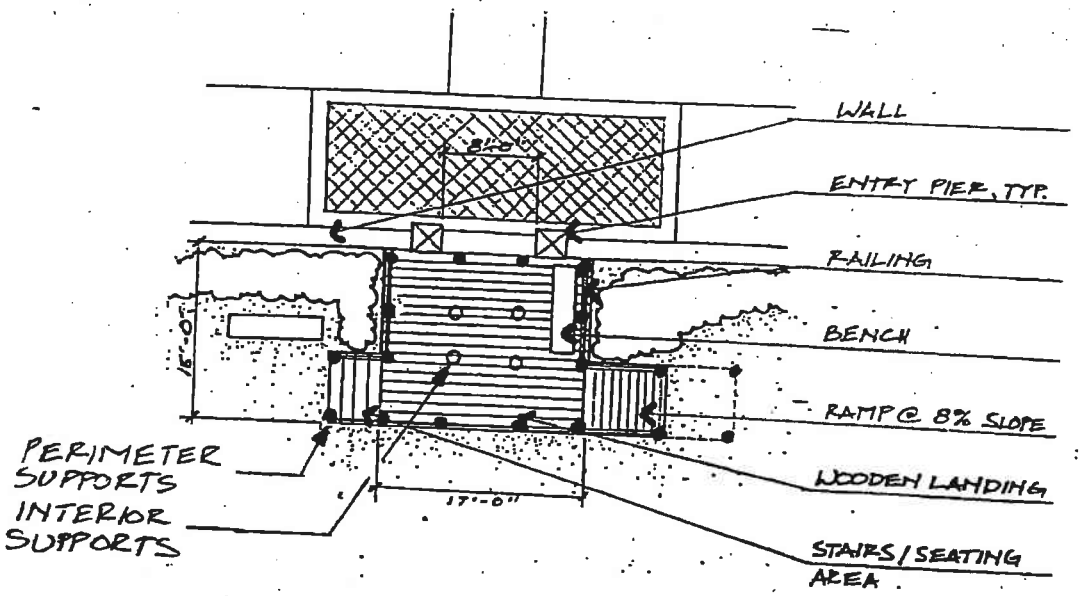
LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

Date: JUN 9 4 2000

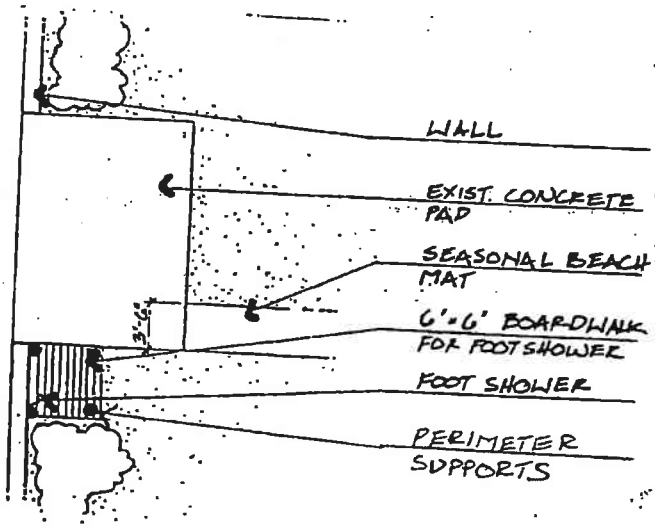
FEBRUARY 1998

SHEET 16 OF 24



1/17 BEACH ENTRANCE TYPE B

ONE @ M-STREET ONLY



006-060-341-5000-400
006-090-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

2/17 BEACH ENTRANCE TYPE C

ONE @ PLEASURE BAY ONLY

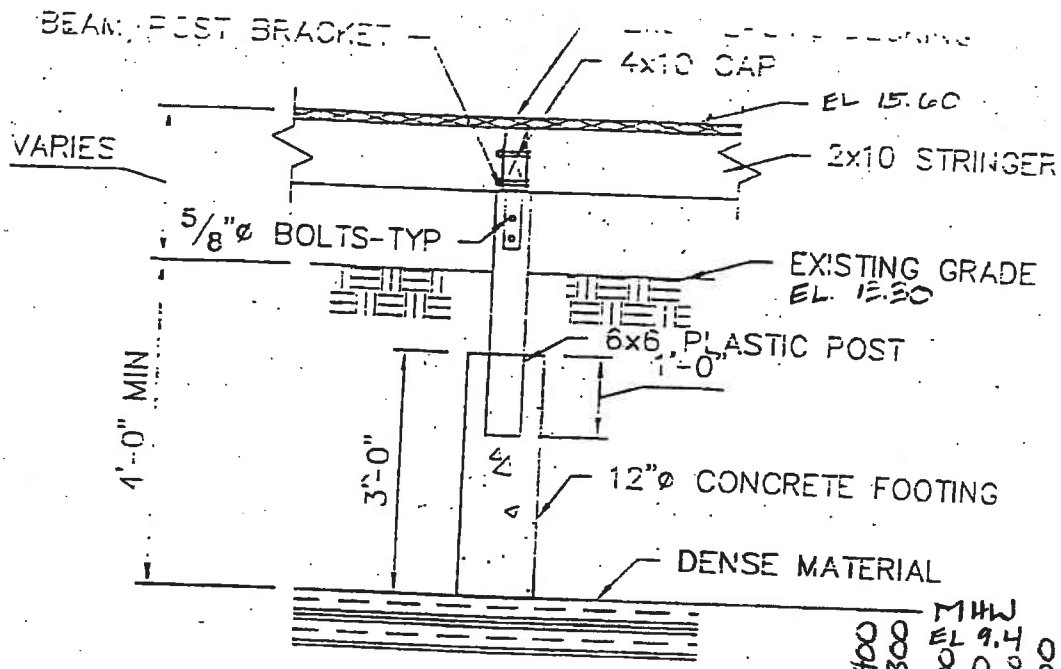
PROPOSED BEACH ENTRANCE CONSTRUCTION PLAN VIEW

0 8 16 32

SCALE: 1/16"=1'-0"

LICENSE PLAN NO. 7386
Coastal Zone Department of Environmental Protection
DATE: JUL 21 1998

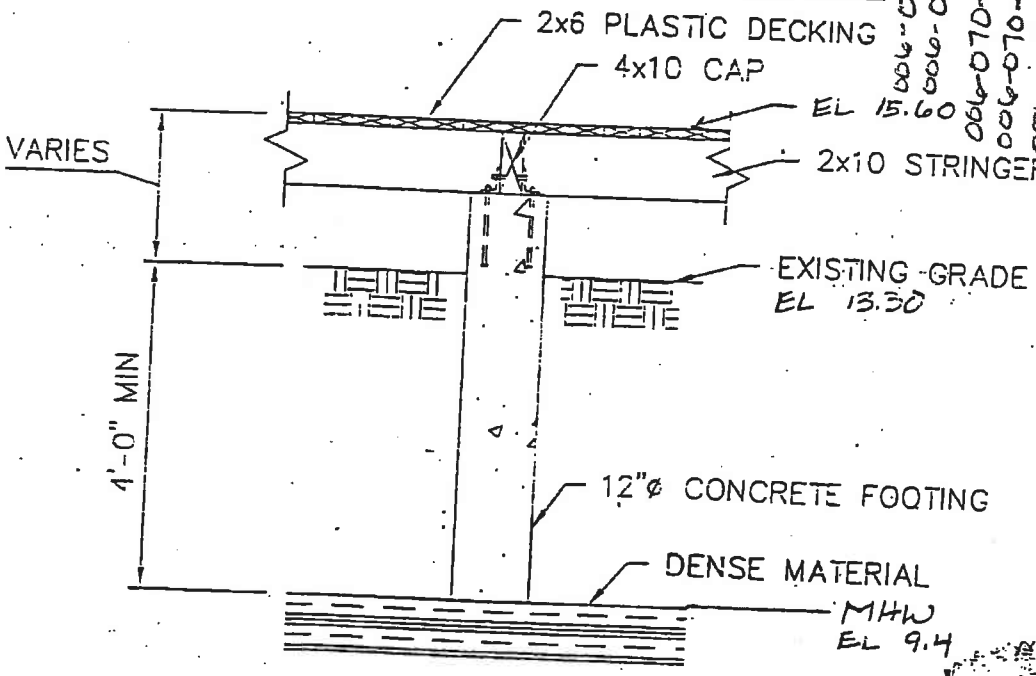
FEBRUARY 1998
SHEET 17 OF 24



NOTE: SUPPORT SHALL BE USED ALONG OUTSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

1/18 BEACH ENTRANCE PERIMETER SUPPORT

006-060-341-5000-400
006-060-341-5000-300
006-070-271-6000-100
006-070-247-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200



NOTE: SUPPORT SHALL BE USED ALONG INSHORE SIDE OF BOARDWALK ALONG PLEASURE BAY

2/18 BEACH ENTRANCE INTERIOR SUPPORT

BEACH ENTRANCE DETAILS
PLAN VIEW

SCALE: 1/2"=1'-0"

LICENSE PLAN NO. 7386
Division of Department of Environmental Protection

JOB NO. 9 & 100P

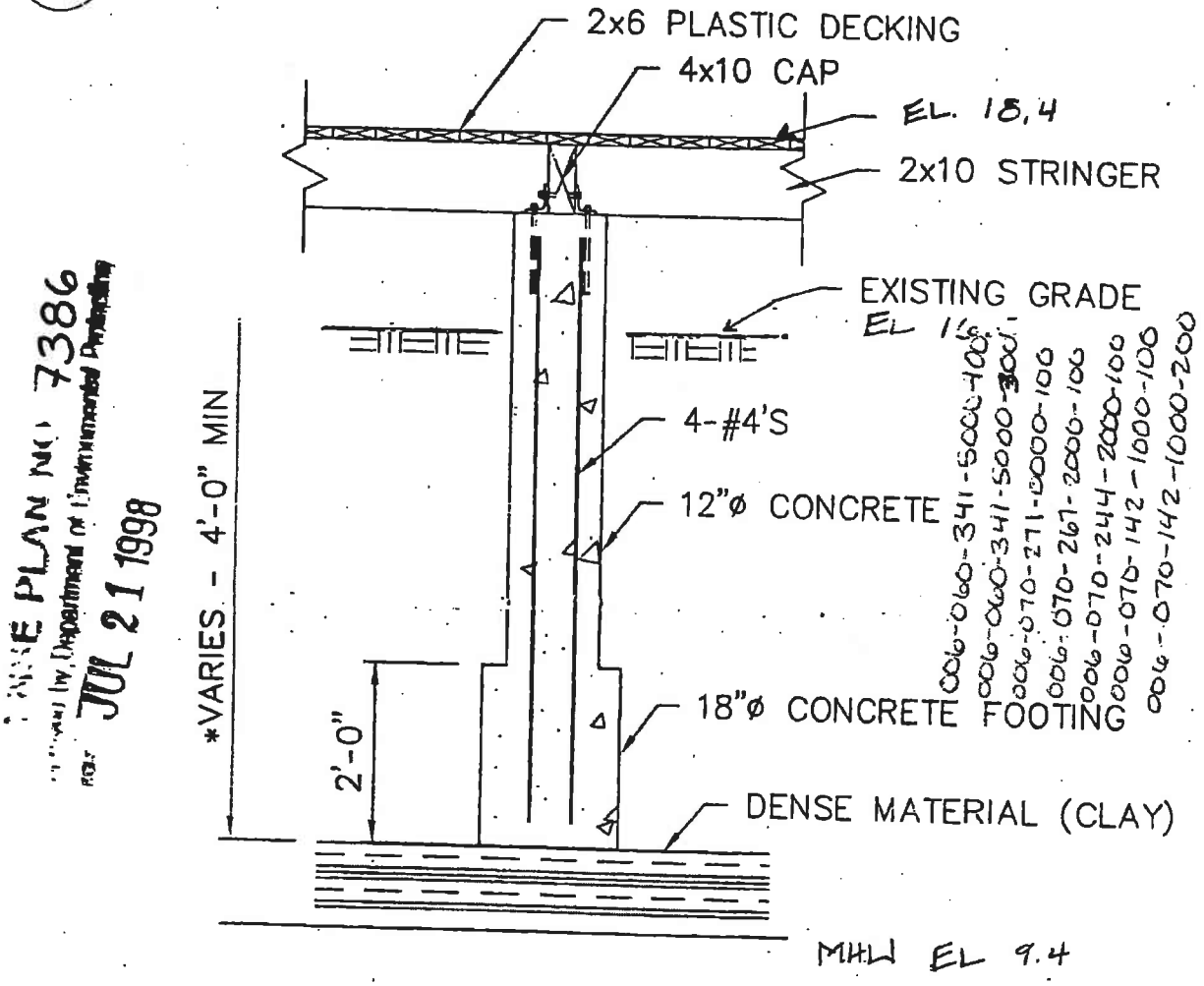
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

FEBRUARY 1998
SHEET 15 OF 24

NAME	TYPE	EXIST. GRADE @ WALK	EXIST. GRADE @ BEACH	DIFFERENCE IN ELEV.	RAMP LENGTH* L.F.
CB-1	AC	20.50	19.10	1.40	23.75
CB-2	AC	17.10	15.80	1.30	22.50
CB-3	AC	19.95	17.90	2.05	31.87
MST-1	AC	15.30	14.00	1.30	22.50
MST-2	B	15.60	13.30	2.30	35.00

*RAMP LENGTH INCLUDES THE DISTANCE REQUIRED TO EXTEND 6" BELOW CURRENT BEACH GRADE.

1/19 BEACH ENTRANCE ELEVATION MATRIX



PLAN NO. 7386
JUL 21 1998

*NOTE: DEPTH OF FOOTING VARIES FROM 4' MIN TO 7' MAX

2/19 CARSON BEACH
BOARDWALK SUPPORT
PROPOSED CONSTRUCTION DETAILS

SEE SHEET 18 OF 24 FOR PLEASURE BAY BOARDWALK SUPPORTS

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

0 1 2 4
SCALE: 1/2"=1'-0"

FEBRUARY 199

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

1/20 SECTION OF 8' WIDE BOARDWALK @ PLEASURE BAY.

PLEASURE BAY
BOARDWALK SECTION VIEW

0 2 4 6

LICENSE PLAN NO. 7386

100 YR. FLOOD +9.
MHW −9.
MSL +4.
MLW −0.

FEBRUARY 99

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

SECTION OF 10' WIDE BOARDWALK

1/21

BOARDWALK SECTION VIEW

0 2 4 6

SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

LICENSE PLAN NO. 7386

Department of Environmental Protection

DEC 2 4 1998

FEBRUARY 199
SHEET 2

006-060-341-5000-400
006-060-341-5000-300
006-070-271-0000-100
006-070-267-2000-100
006-070-244-2000-100
006-070-142-1000-100
006-070-142-1000-200

LICENSE PLAN NO. 7386
Approved by Department of Environmental Protection
JUL 21 1998

SECTION OF 8' WIDE BOARDWALK

1/22

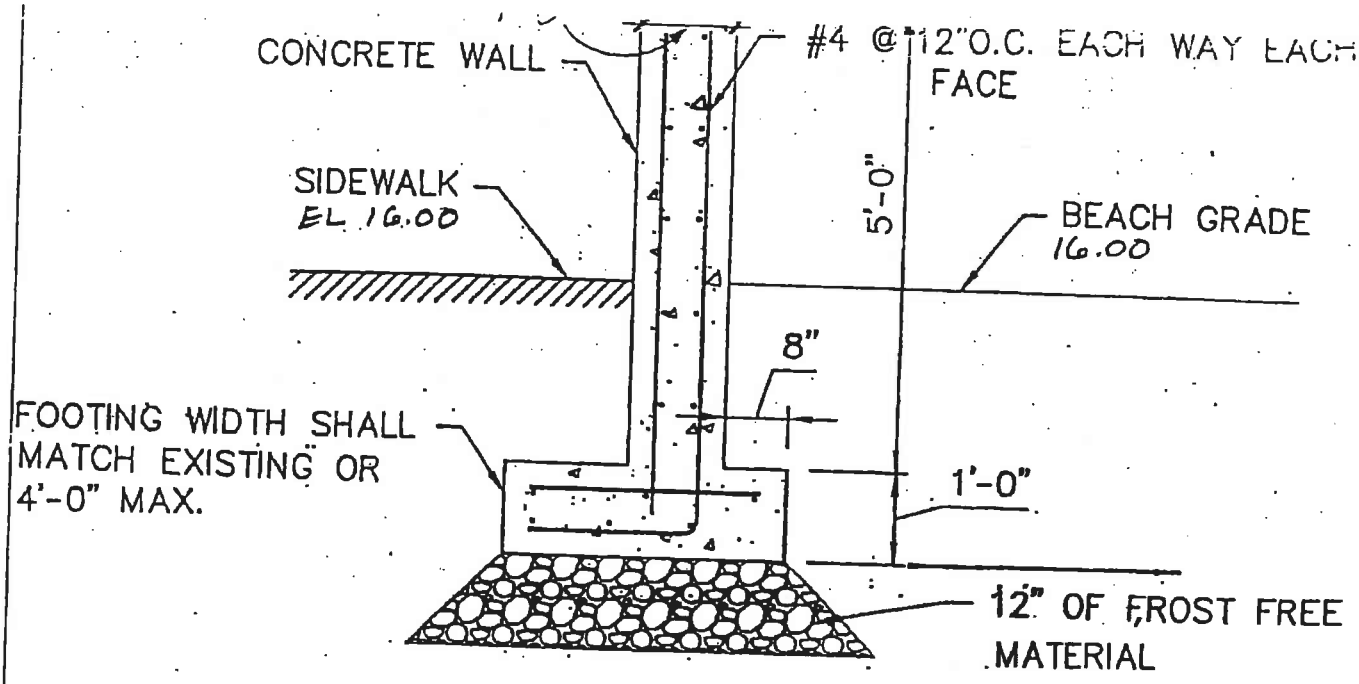
BOARDWALK SECTION VIEW

0 2 4 6

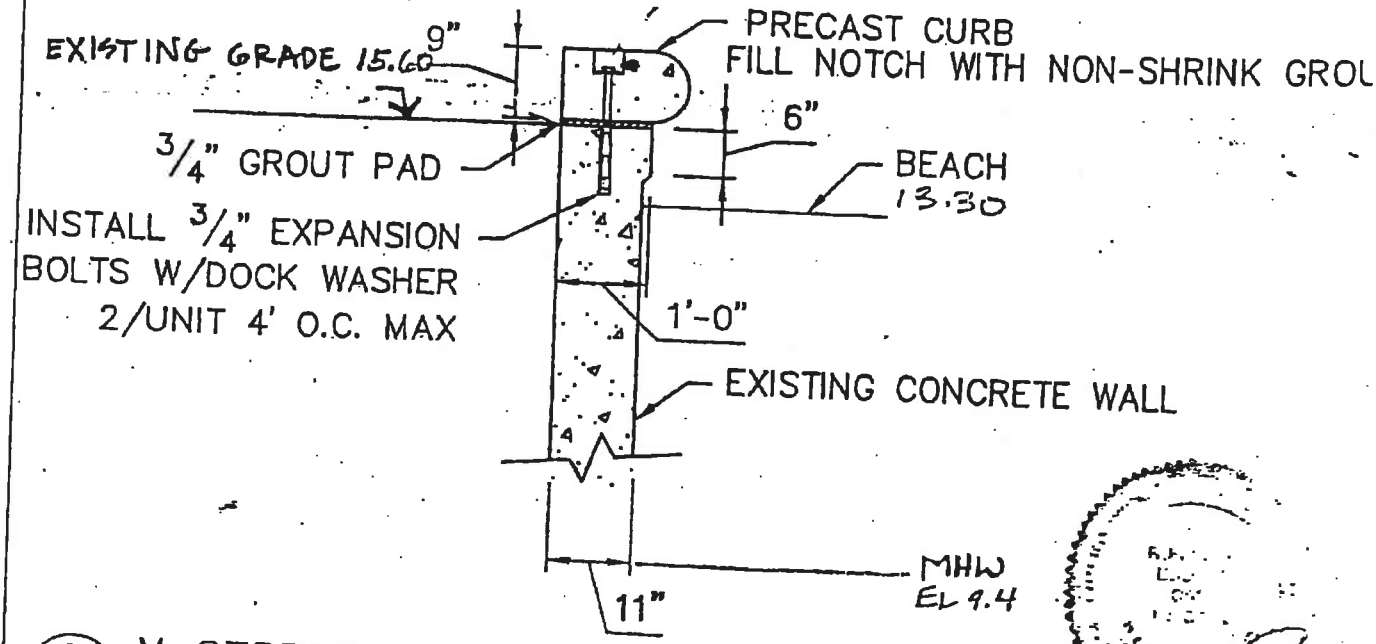
SCALE: 3/8"=1'-0"

100 YR. FLOOD +19.
MHW +9.
MSL +4.
MLW +0.

FEBRUARY 199
SHEET 22 OF 2



1/23 INFILL WALL SECTION @ PLEASURE BAY



2/23 M-STREET BEACH WALL CAP

PLEASURE BAY & M-STREET BEACHES - WALL DETAILS

0 1 2 4

SCALE: 1/2"=1'-0"

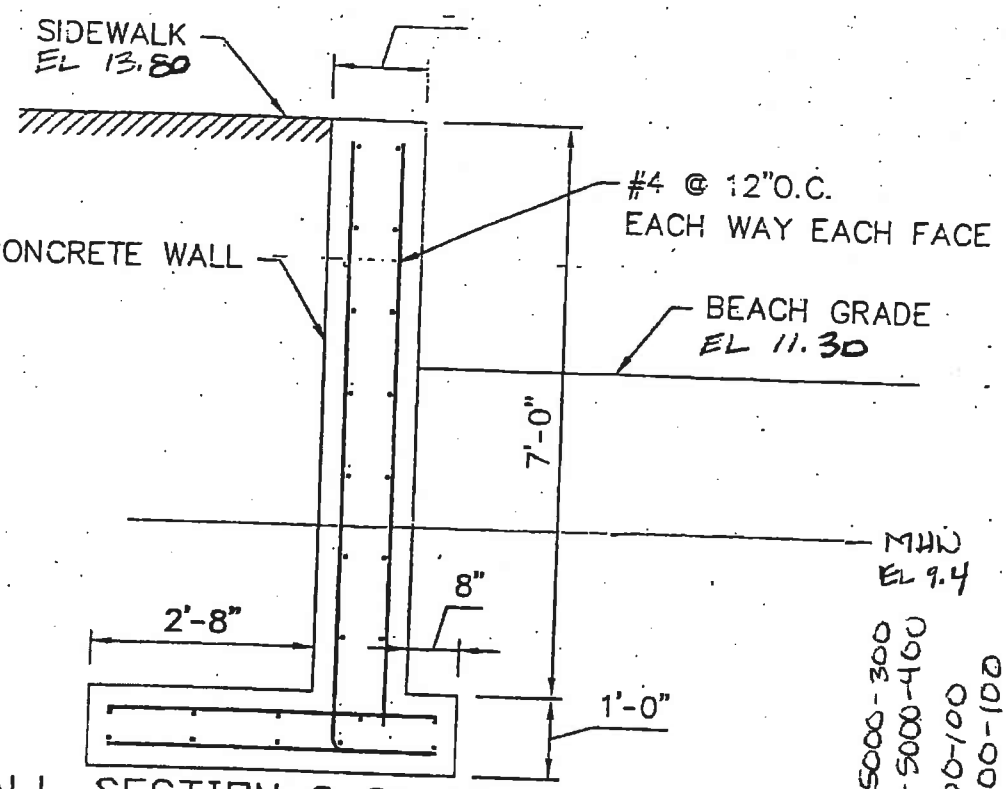
100 YR. FLOOD +19.8
MHW +9.4
MSL +4.9
MLW +0.0

LICENSE PLAN NO. 7386

Approved by Department of Environmental Protection

FEBRUARY 1995

SHEET 23 OF 24



1/24 WALL SECTION @ CAUSEWAY/ PENALTY BOX PLEASURE BAY

006-060-341-5000-300
006-060-341-5000-400
006-070-271-0000-100
006-070-267-2000-100
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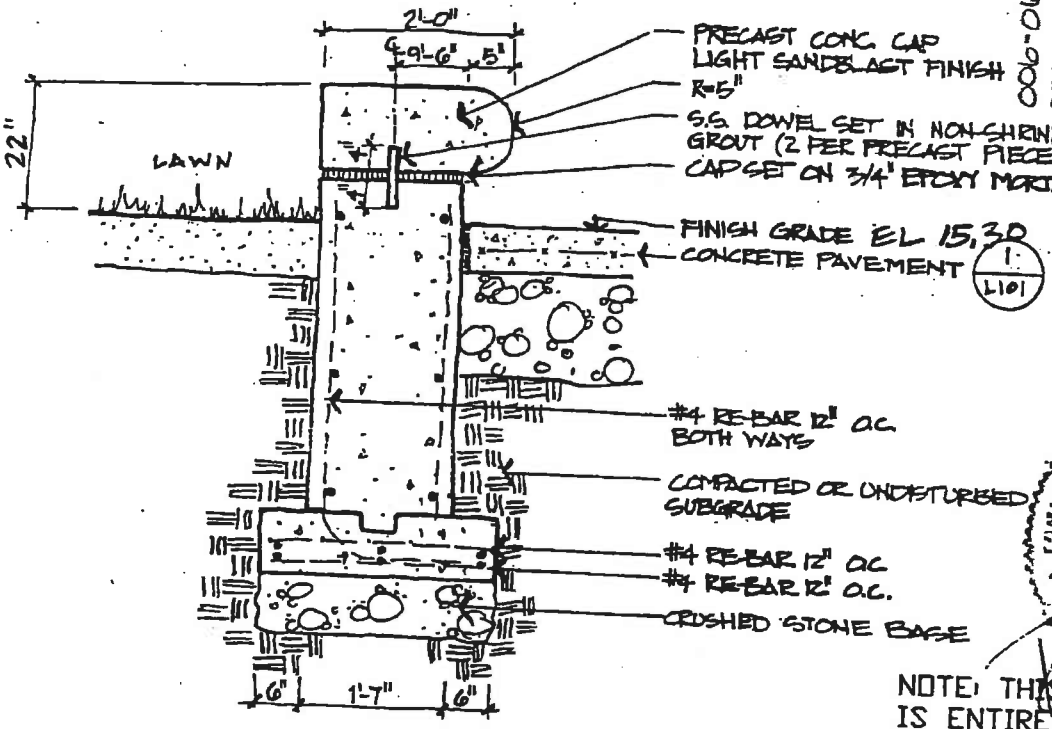
006-070-142-1000-200



NOTE: THIS WALL IS ENTIRELY OUTSIDE OF BEACH RESOURCE AREA & IS WELL ABOVE HTL.

2/24 M-STREET BEACH CONC. SEATWALL

PLEASURE BAY & M-STREET BEACHES- WALL DETAILS

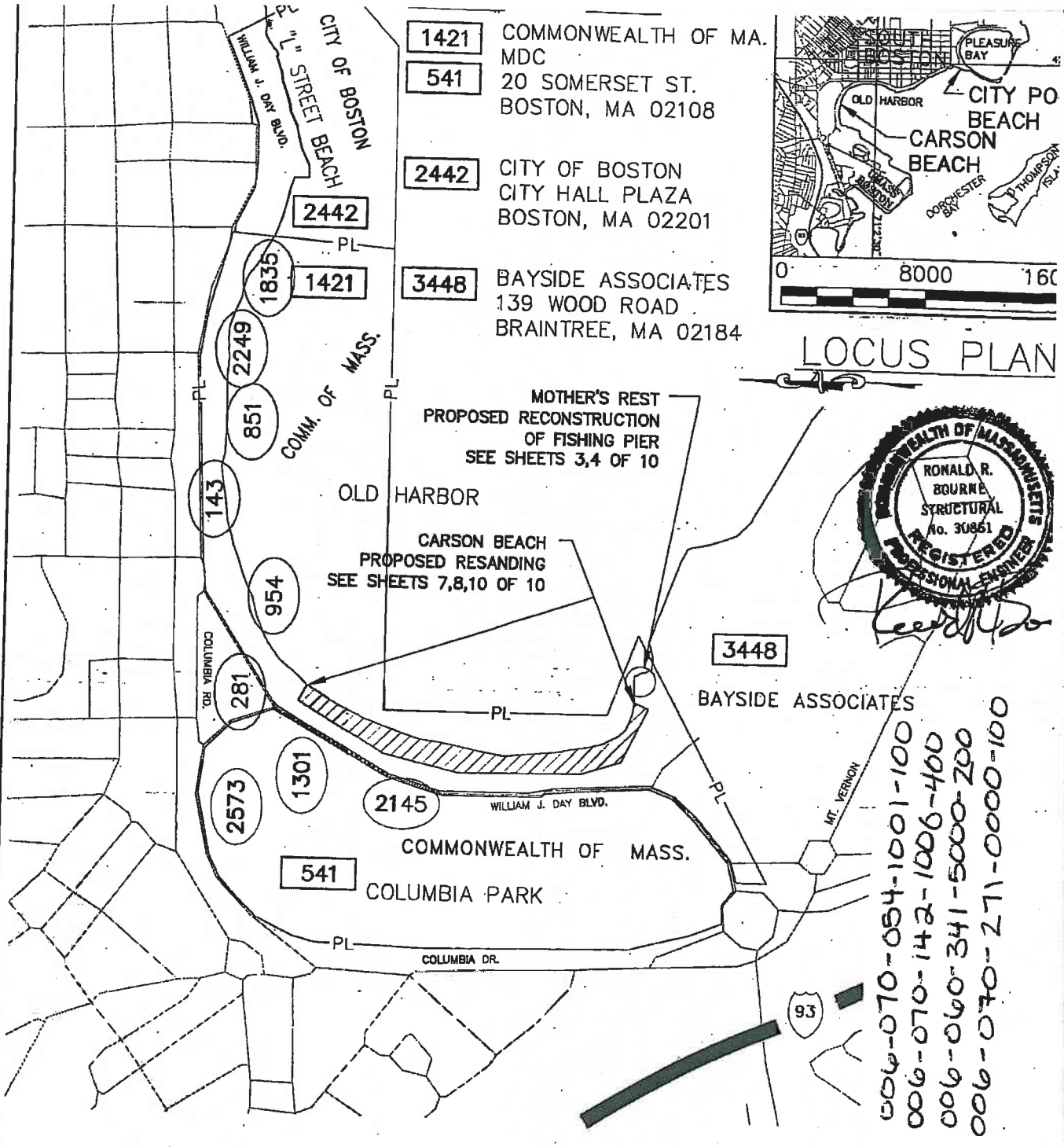
0 1 2 4
SCALE: 1/2"=1'-0"

100 YR. FLOOD +19.8
MHW +9.4
MSL +4.8
MLW +0.0

LAND PLAN NO. 7386

Department of Environmental Protection

FEBRUARY 1998
SHEET 21 OF 24



OVERALL PLAN

0 800 1600

SCALE: 1" = 800'-0"

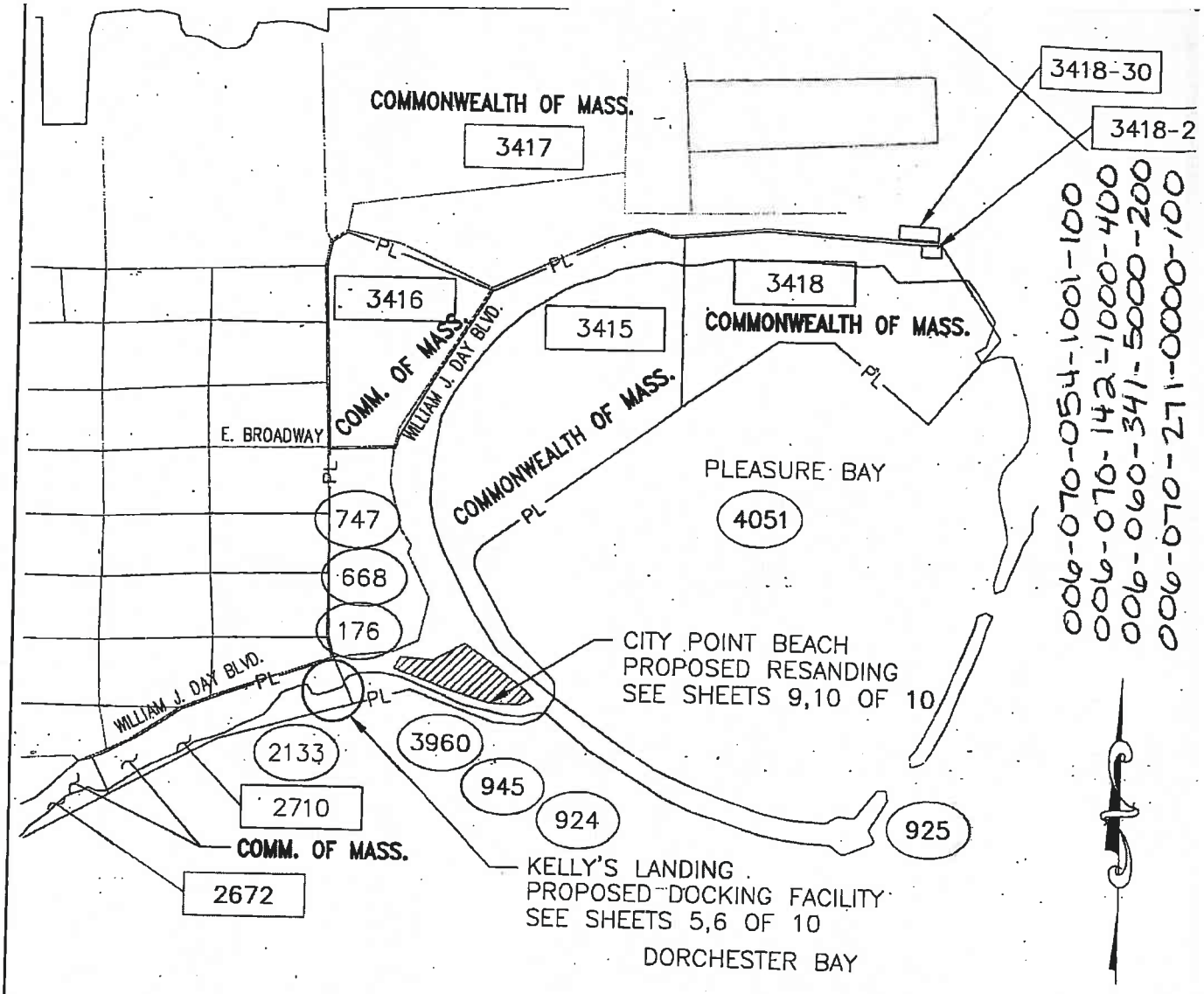
2145 PREVIOUS CH. 91 LICENSES
SEE ATTACHMENT 3 OF
WATERWAYS LICENSE APPLICATION

100yr. FLOOD +19.
HTL +12.
MHW +9.
NGVD +4.
MLW +0.

JANUARY 199
SHEET 1 OF 1

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT & MAINTAIN RIP RAP, FISHING PIER, DOCKING FACILITY AND BEACH RESANDING.
AT OLD HARBOR/DORCHESTER BAY
IN SOUTH BOSTON, MA
SUFFOLK COUNTY

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
of Massachusetts
JUN 13 1997



PARCEL #	
2672	2710
3415	3416
3417	3418
3418-2	3418-30

OWNER

COMMONWEALTH OF MASS
METROPOLITAN DISTRICT
COMMISSION
20 SOMERSET ST
BOSTON, MA 02108

(925) PREVIOUS CH. 91 LICENSES
SEE ATTACHMENT 3 OF
WATERWAYS LICENSE APPLICATION

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

OVERALL PLAN

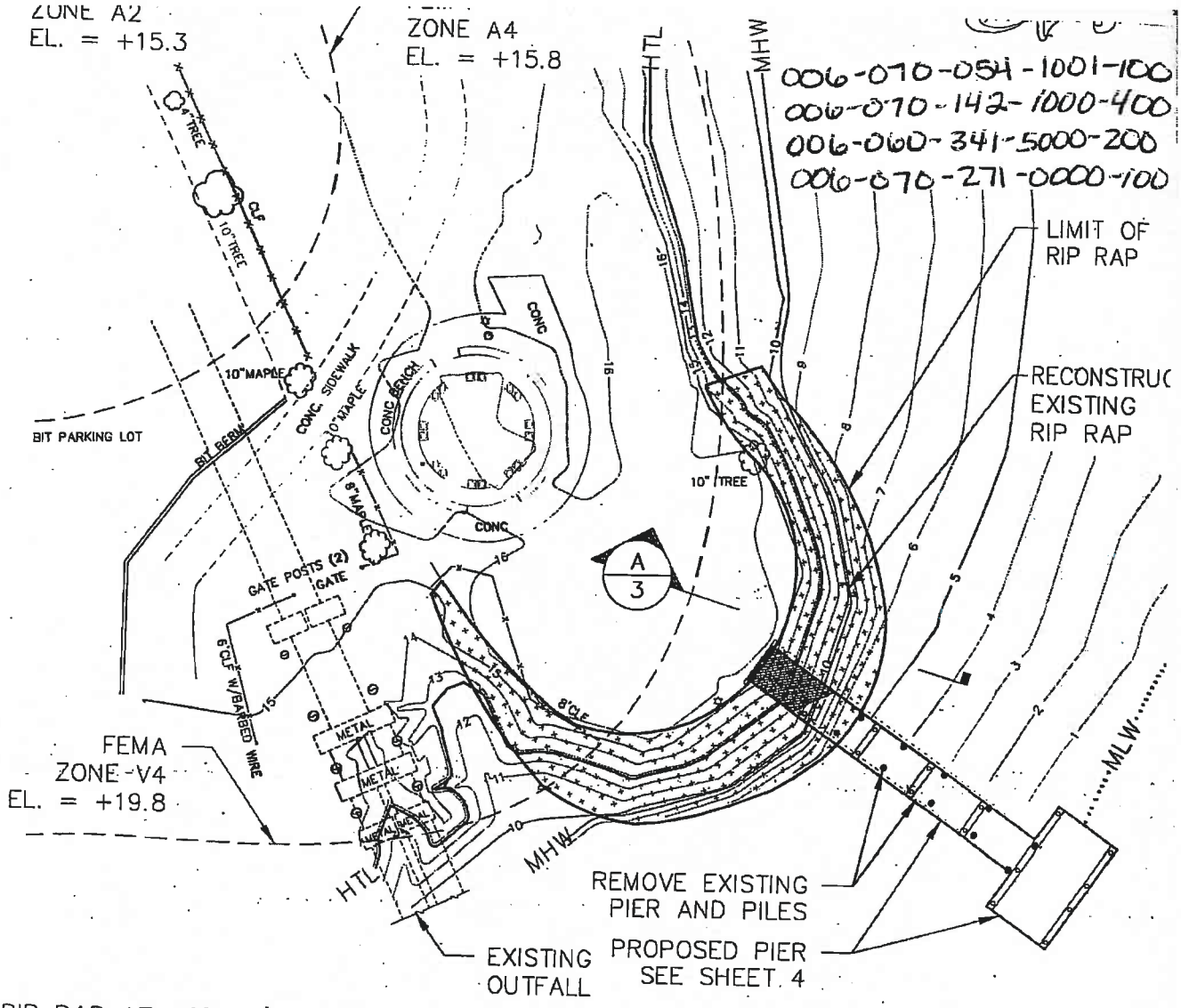
0 800 1600

SCALE: 1" = 800'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

100yr. FLOOD	+19.8
HTL	+12.8
MHW	+9.4
NGVD	+4.8
MLW	+0.0

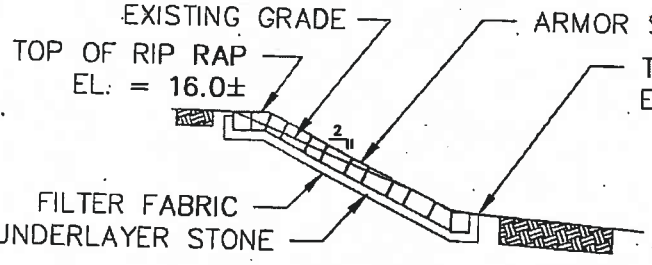
JANUARY 1997
SHEET 2 OF 10



RIP RAP AT MOTHER'S REST

AREA:
TOTAL 3,600 sq.ft.
BELOW HTL 2,200 sq.ft.

FILL VOLUME:
BELOW HTL 126 cu.ft.
BELOW MHW 52 cu.ft.



A/3 RIP RAP RECONSTRUCTION

0 20 40

SCALE: 1" = 20'-0"

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISHING PIER-PLAN

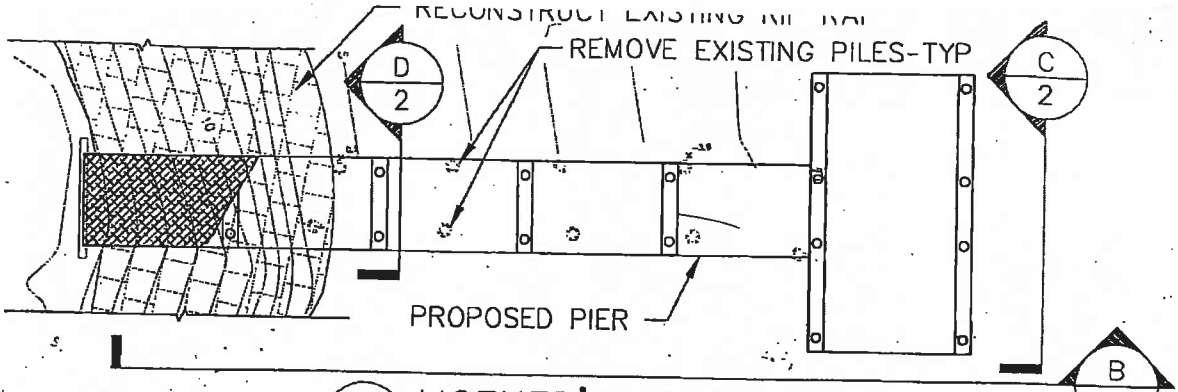
0 40 80

SCALE: 1" = 40'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BRUNE
STRUCTURAL
No. 30961
REGISTERED PROFESSIONAL ENGINEER

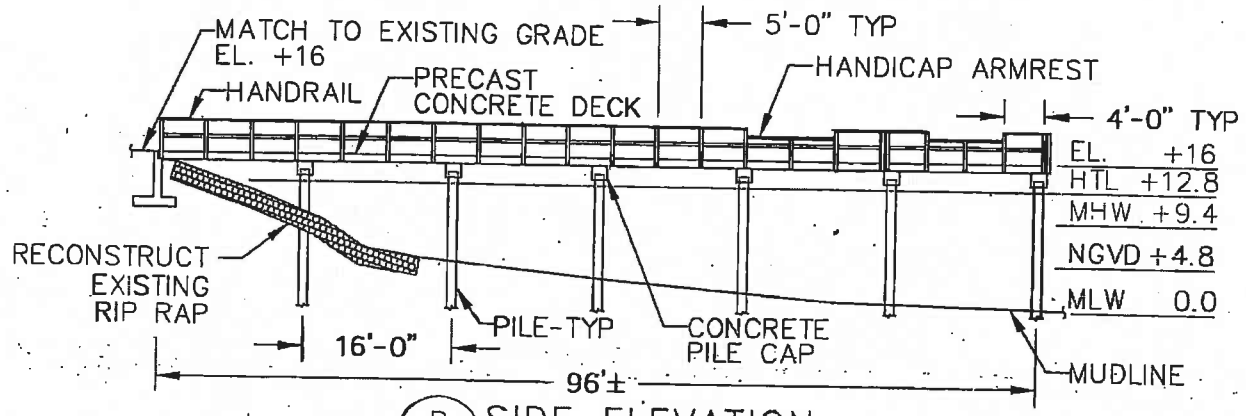
100 YR. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 3 OF 10



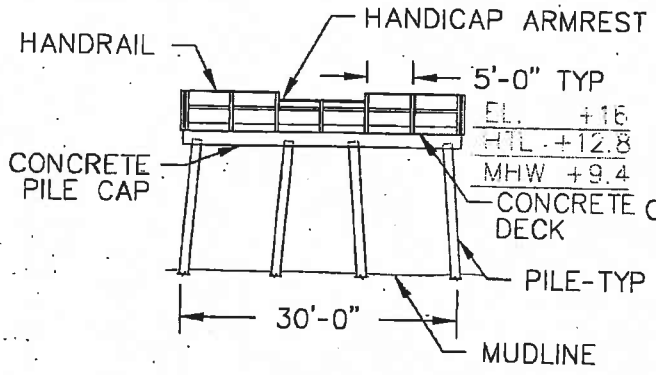
A/2 MOTHER'S REST—PLAN

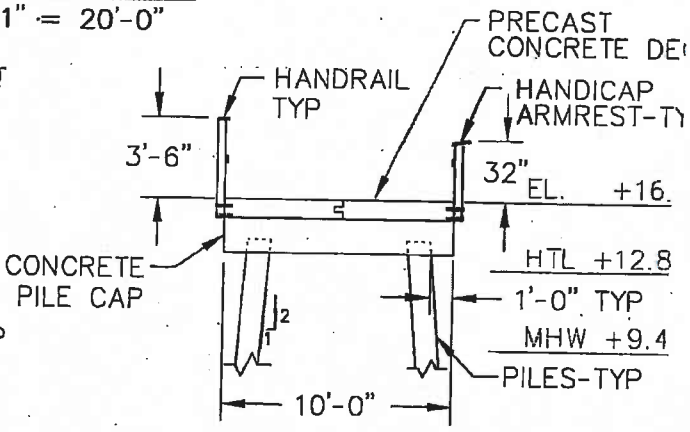
SCALE: 1" = 20'-0"



B/2 SIDE ELEVATION

SCALE: 1" = 20'-0"





C/2 END ELEVATION

SCALE: 1" = 20'-0"

D/2 TYPICAL CROSS SECTIO

0 8 16

SCALE: 1/8" = 1'-0"

LICENSE PLAN NO. 6634

Approved by Department of Environmental Protection

Date: JUN 13 1997

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30661
REGISTERED
PROFESSIONAL ENGINEER

MOTHER'S REST
PROPOSED RECONSTRUCTION
FISH PIER

0 20 40

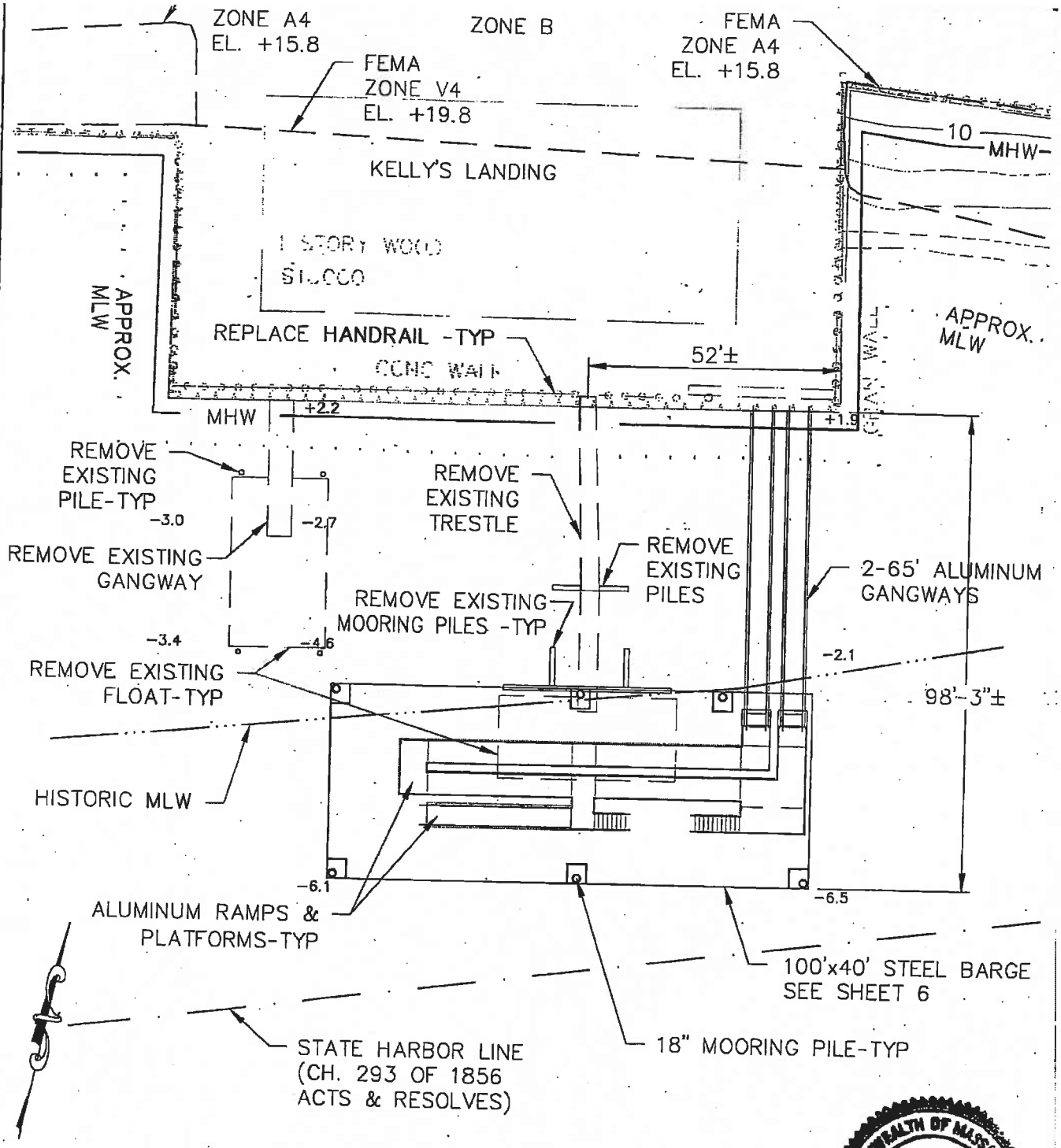
SCALE: 1" = 20'

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

100 YR. FLOOD +19.
HTL +12.
MHW +9.
NGVD +4.
MLW 0.

JANUARY 199

SHEET 4 OF 1



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30861
REGISTERED
PROFESSIONAL ENGINEER

KELLY'S LANDING PROPOSED DOCKING FACILITY–PLAN

OLD HARBOR

DORCHESTER BAY

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

0 30 60

SCALE: 1" = 30'-0"

LICENSE PLAN NO. 6634

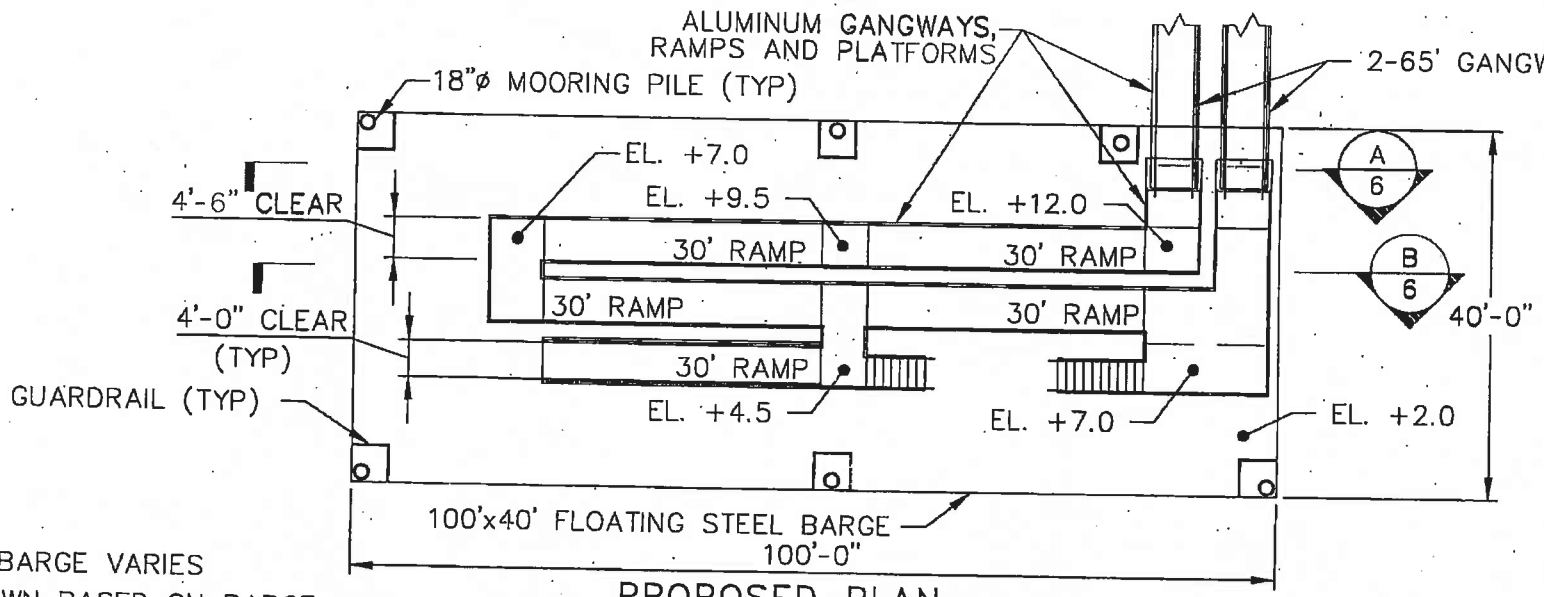
Approved by Department of Environmental Protection

Date JUN 13 1997

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW 0.0

JANUARY 1997
SHEET 5 OF 10

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date JUN 13 1997

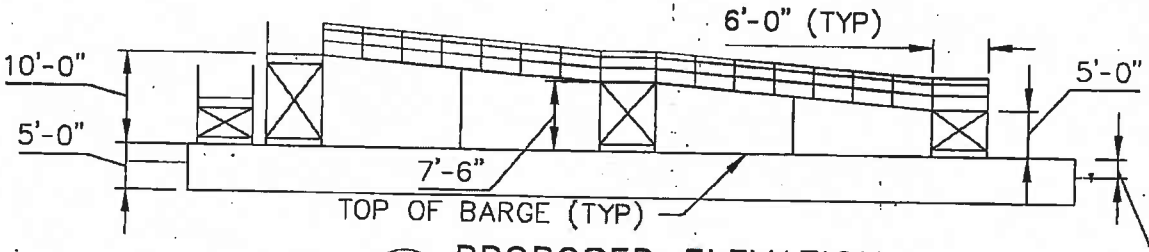


NOTE:
ELEVATION AT BARGE VARIES
ELEVATION SHOWN BASED ON BARGE @ MLW

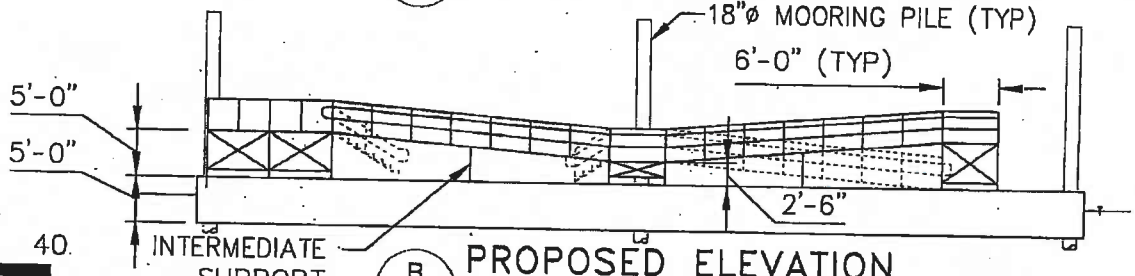
PROPOSED PLAN

OLD HARBOR / DORCHESTER BA

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-260
006-070-271-0000-100



A 6 PROPOSED ELEVATION



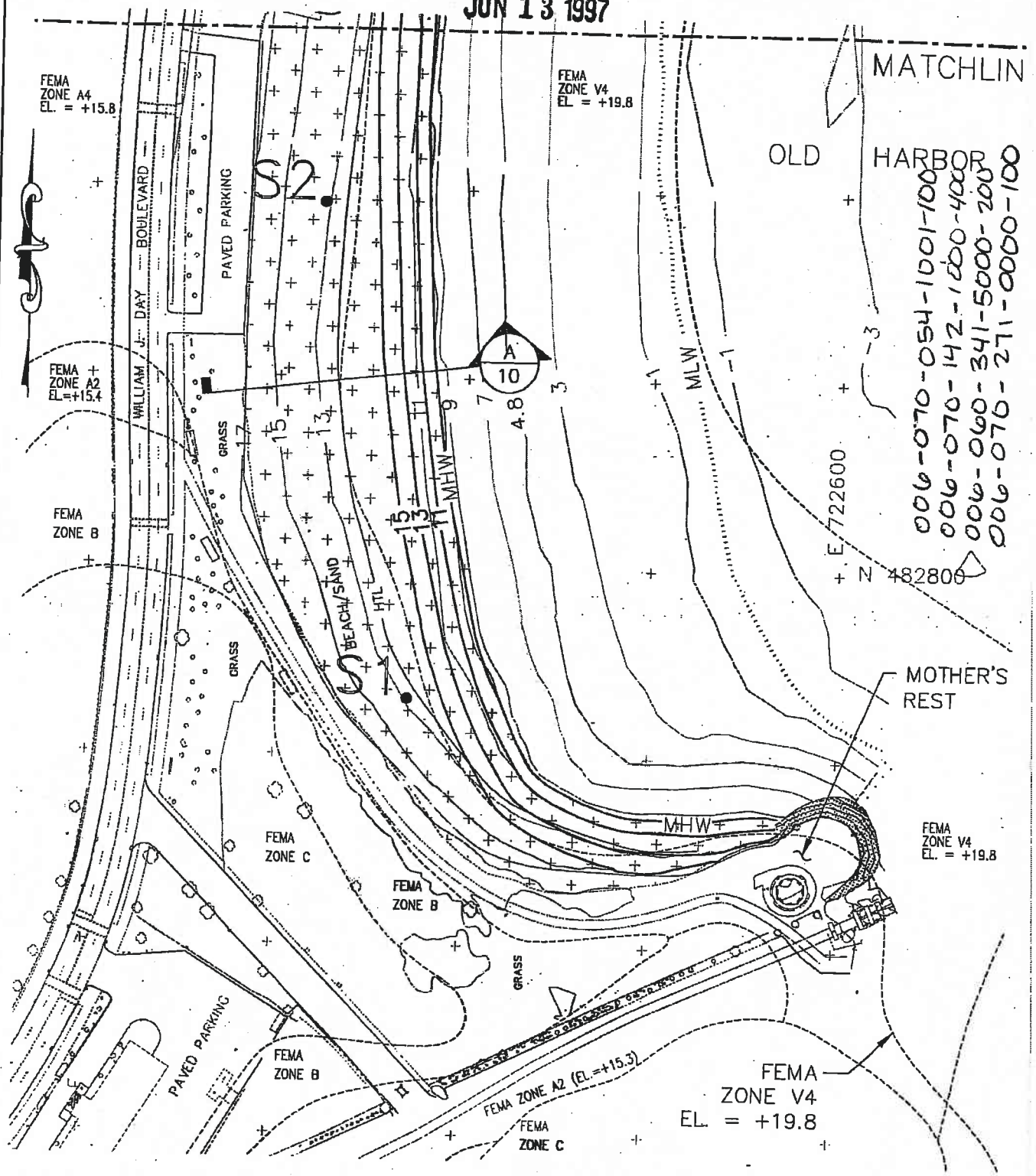
B 6 PROPOSED ELEVATION

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8

0 20 40
SCALE: 1" = 20'-0"

JANUARY 1997
SHEET 6 OF 10

Approved by Department of Environmental Protection
Date: JUN 13 1997



CARSON BEACH RESANDING AREA
TOTAL AREA = 283,000 sq.ft.
TOTAL VOLUME = 15,000 cu.yd.

BEYOND HTL
AREA = 130,000 sq.ft.
VOLUME = 10,000 cu.yd.

CARSON BEACH
PROPOSED RESANDING—PLAN

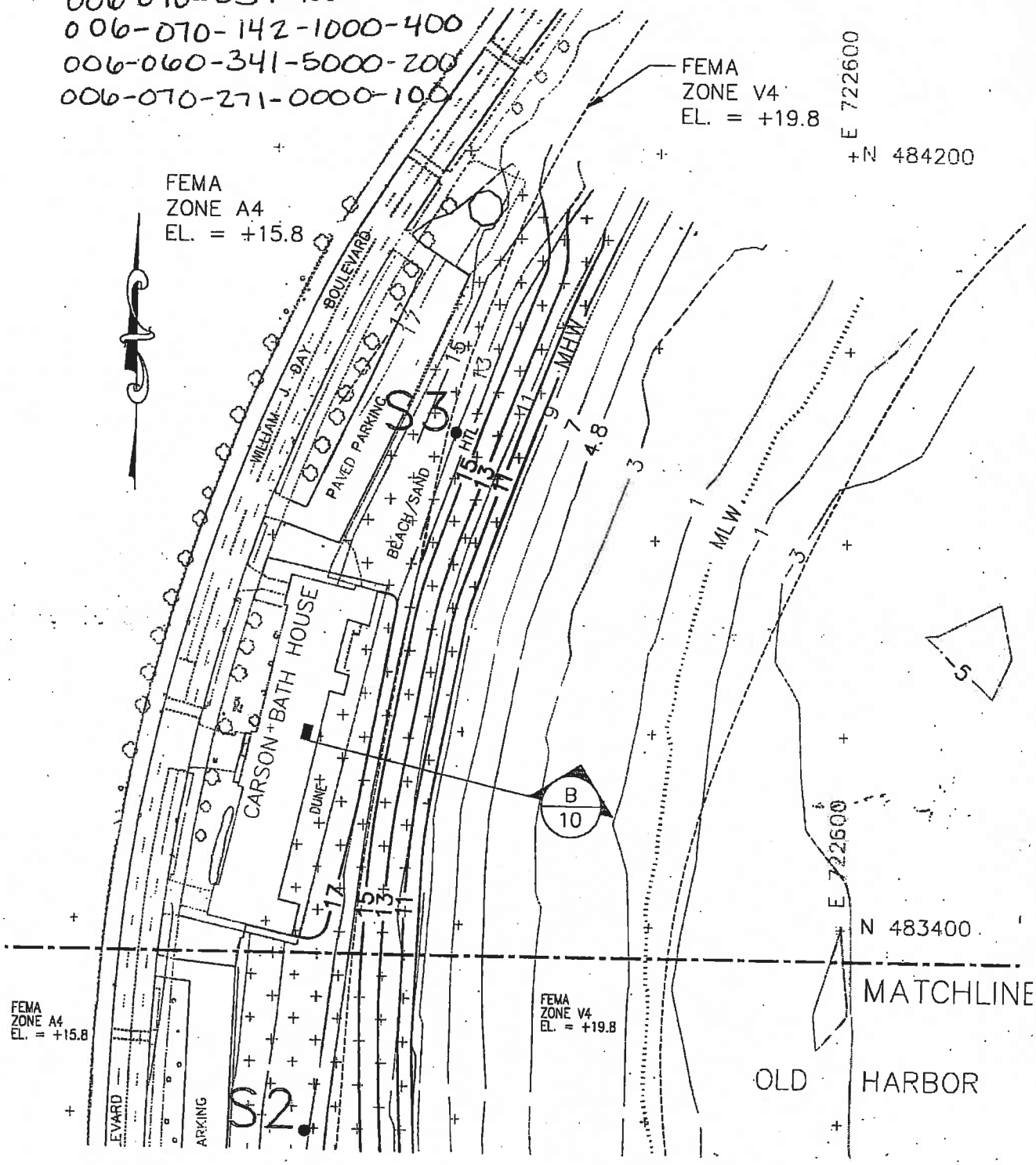
0 150 300

SCALE: 1" = 150'-0"

RONALD R. BOURRE STRUCTURAL No. 30861 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0
JANUARY 1997
SHEET 7 OF 10

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



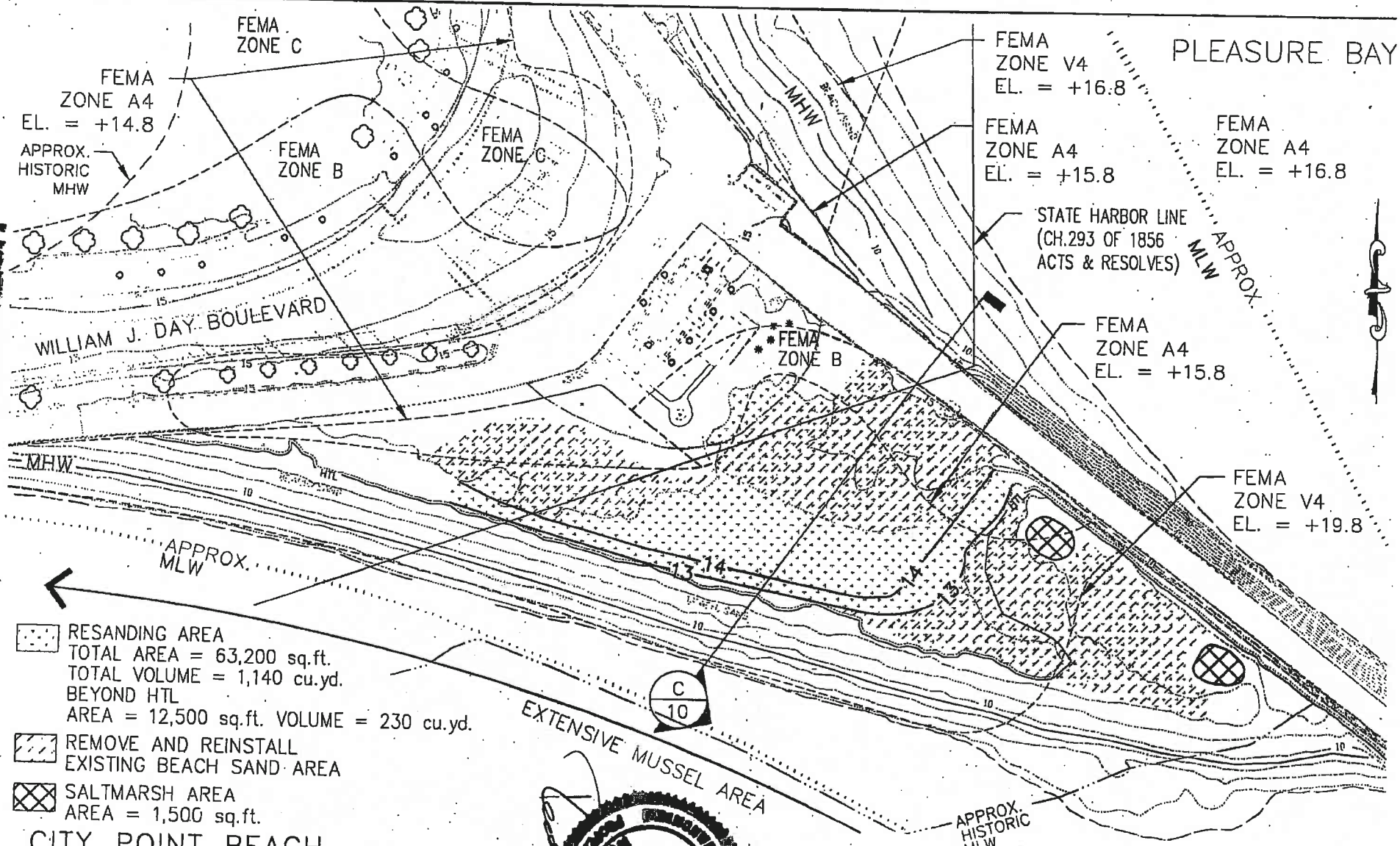
LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

CARSON BEACH
PROPOSED RESANDING—PLAN

0 150 300
SCALE: 1" = 150'-0"

COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30661
REGISTERED
PROFESSIONAL ENGINEER

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0
JANUARY 1997
SHEET 8 OF 10



LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

RESANDING AREA
TOTAL AREA = 63,200 sq.ft.
TOTAL VOLUME = 1,140 cu.yd.
BEYOND HTL
AREA = 12,500 sq.ft. VOLUME = 230 cu.yd.

REMOVE AND REINSTALL
EXISTING BEACH SAND AREA

SALTMARSH AREA
AREA = 1,500 sq.ft.

CITY POINT BEACH
PROPOSED RESANDING—PLAN

0 100 200

SCALE: 1" = 100'-0"

COMMONWEALTH OF MASSACHUSETTS
REGISTERED PROFESSIONAL ENGINEER
RONALD R. DOUBRE
STRUCTURAL
No. 35561

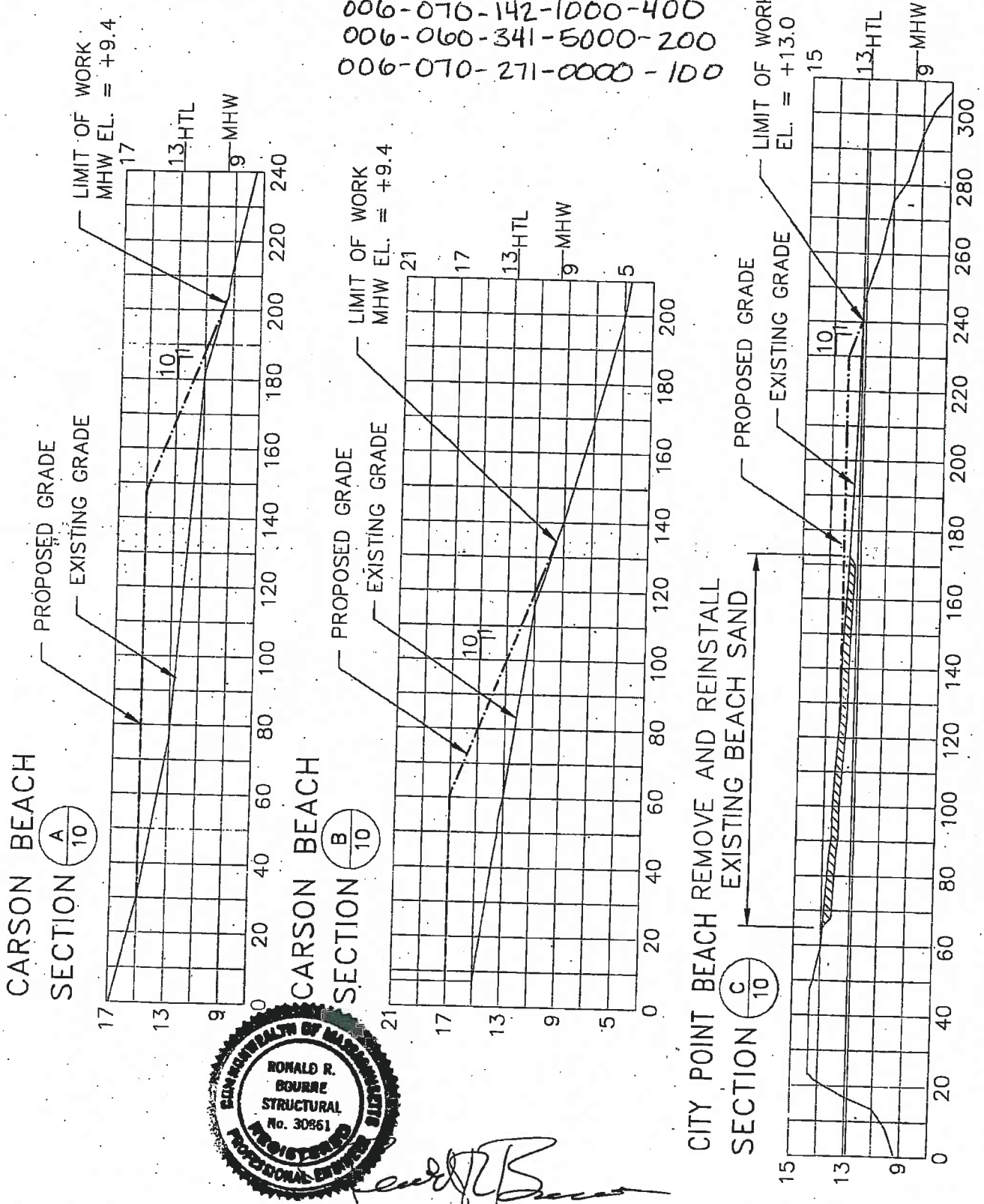
006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100

100yr. FLOOD	+19.8
HTL	+12.8
MHW	+9.4
NGVD	+4.8
MLW	+0.0

JANUARY 1997
SHEET 9 OF 10

LICENSE PLAN NO. 6634
Approved by Department of Environmental Protection
Date: JUN 13 1997

006-070-054-1001-100
006-070-142-1000-400
006-060-341-5000-200
006-070-271-0000-100



COMMONWEALTH OF MASSACHUSETTS
RONALD R. BOURNE
STRUCTURAL
No. 30961
REGISTERED PROFESSIONAL ENGINEER

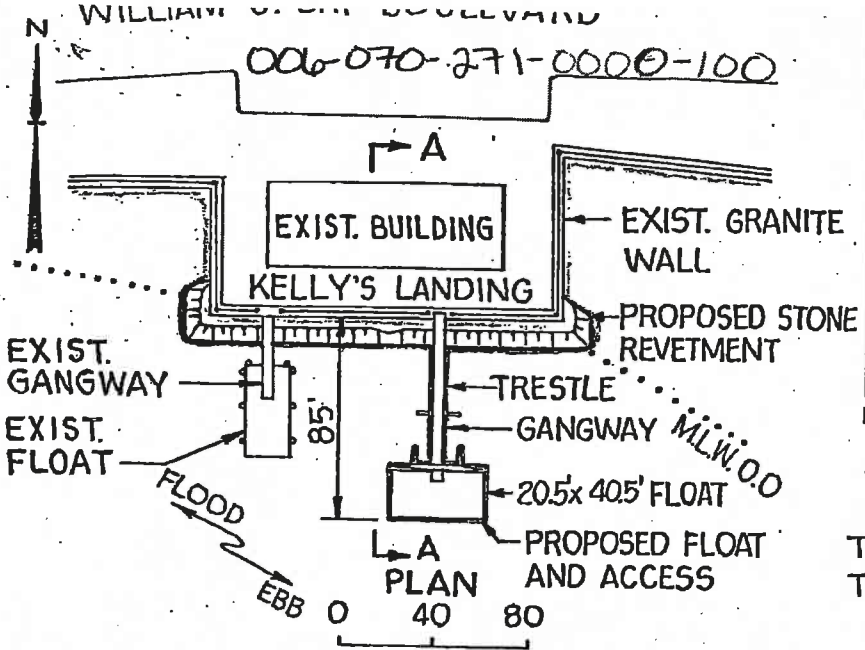
PROPOSED RESANDING-CROSS SECTION

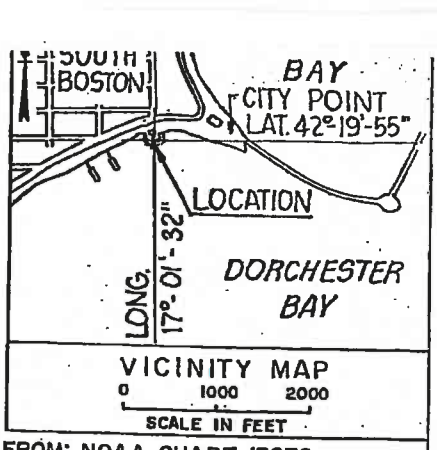
HORIZONTAL SCALE
0 40 80
SCALE: 1" = 40'-0"

VERTICAL SCALE
0 10 20
SCALE: 1" = 10'-0"

100yr. FLOOD +19.8
HTL +12.8
MHW +9.4
NGVD +4.8
MLW +0.0

JANUARY 1997
SHEET 10 OF 10

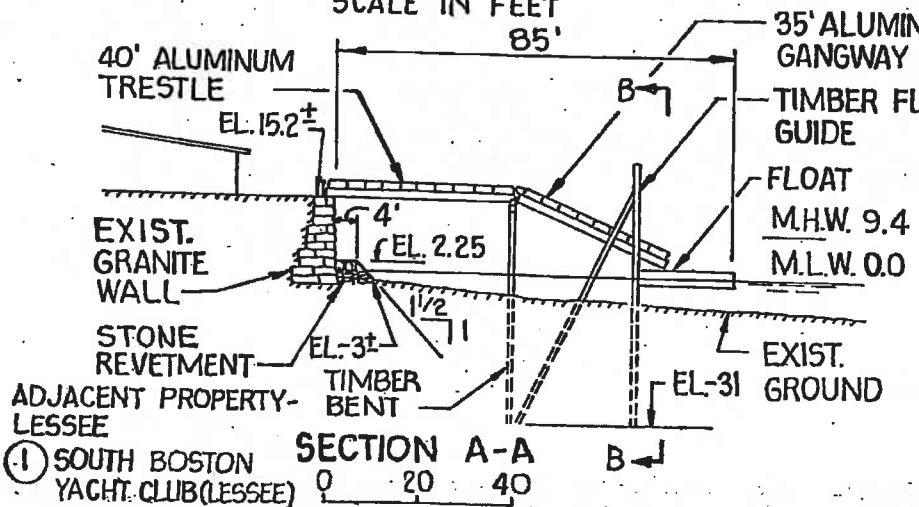


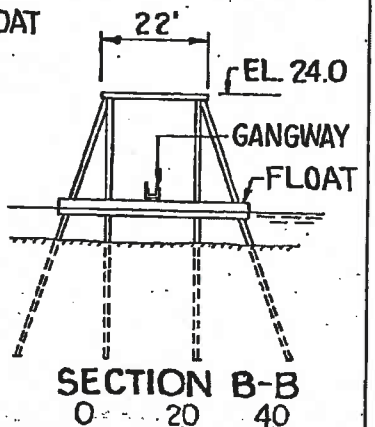


FROM: NOAA CHART 13270

SCHEDULE OF PILES

LOCATION	NUMBER
TIMBER BENT	2
TIMBER FLOAT GUIDE	6
TOTAL	8

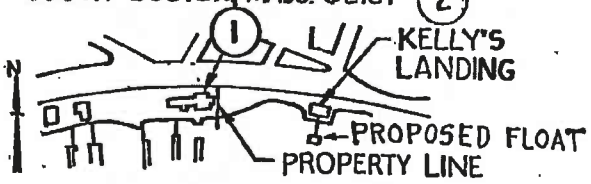




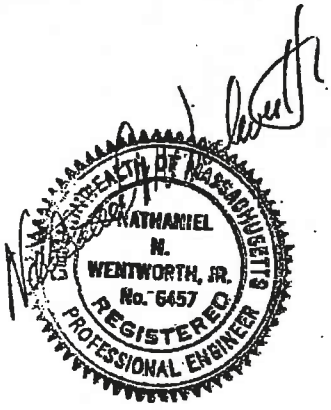
(1) SOUTH BOSTON YACHT CLUB (LESSEE)
1849 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127

(2) BAYVIEW FOOD INC. (LESSEE)
1830 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127

NOTES:
1. ELEVATIONS ARE REFERENCED TO MEAN LOW WATER, EL. 0.0



PLAN - ADJACENT PROPERTY
0 400 800
SCALE IN FEET



PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION

TO CONSTRUCT AND MAINTAIN STONE REVETMENT AND BOAT FLOAT WITH TRESTLE AND GANGWAY IN DORCHESTER BAY AT SOUTH BOSTON, MASSACHUSETTS

AUGUST 1982

FAY, SPOFFORD & THORNDIKE, INC. BOSTON

82w-106

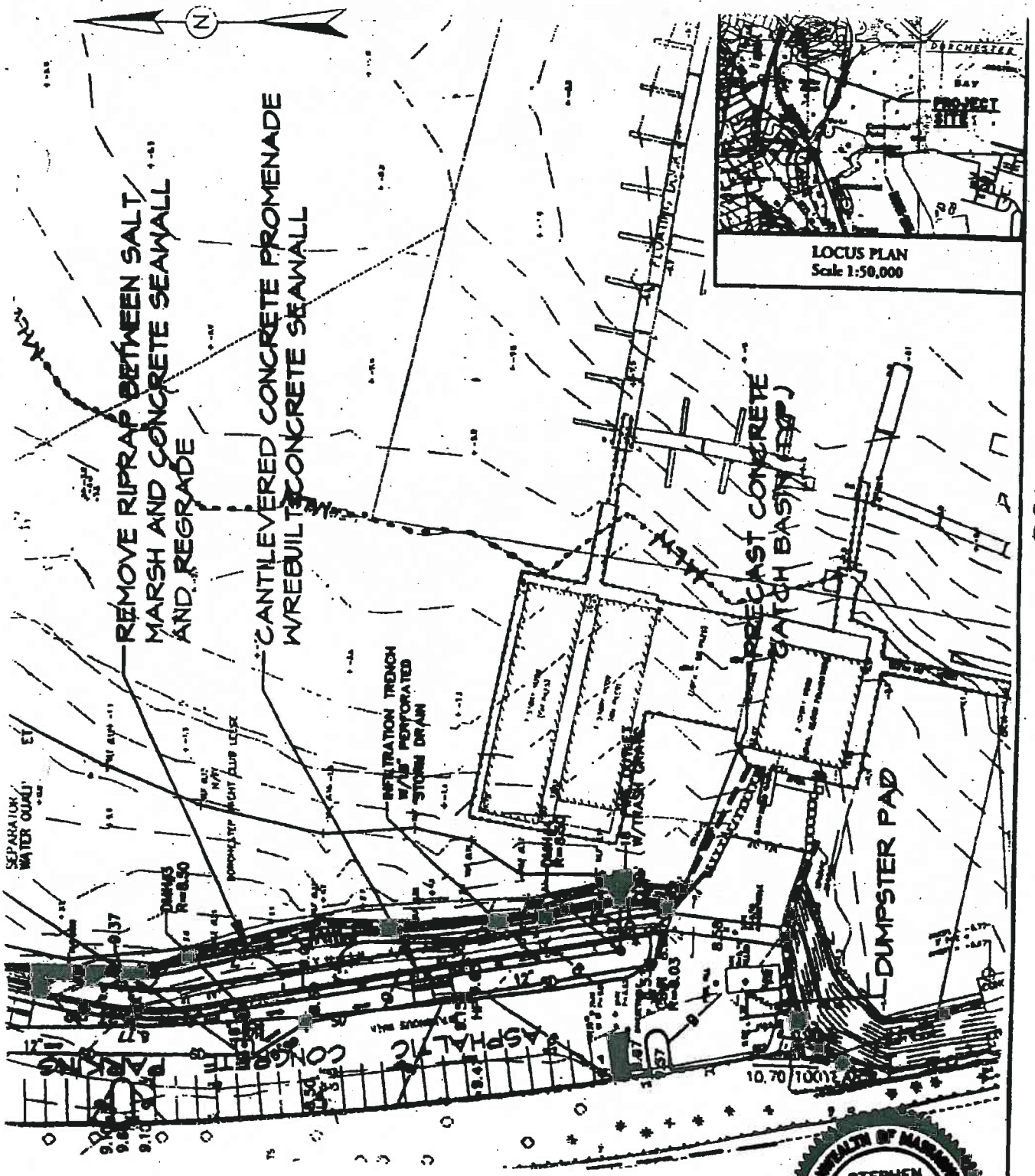
SHEET 1 OF 1

LICENSE PLAN NO. 945

Approved by Department of Environmental Quality Engineering of Massachusetts DECEMBER 17, 1982

COMMISSIONER

CHIEF ENGINEER



006-130-223-8001-100

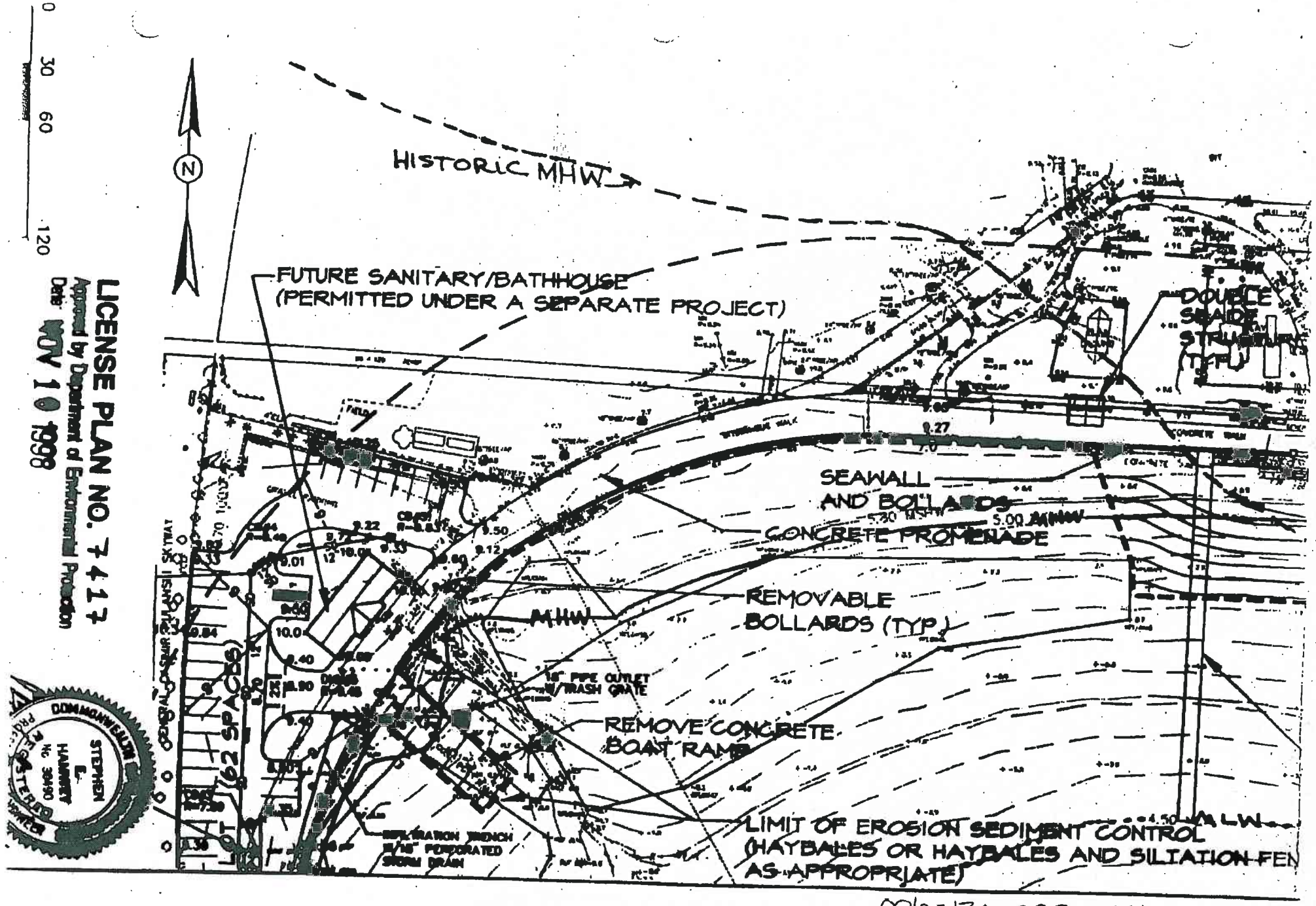
AN ACCOMPANYING PETITION OF
TROPOLITAN DISTRICT COMMISSION FOR
VIN HILL / INNER MALIBU BEACHES,
STON HARBOR, BOSTON, MASSACHUSETTS:
L[illegible]ARSH REMOVAL, BEACH NOURISHMENT,
T[illegible] UPGRADES, RECONSTRUCTED
RKING AREAS.

30 60 120

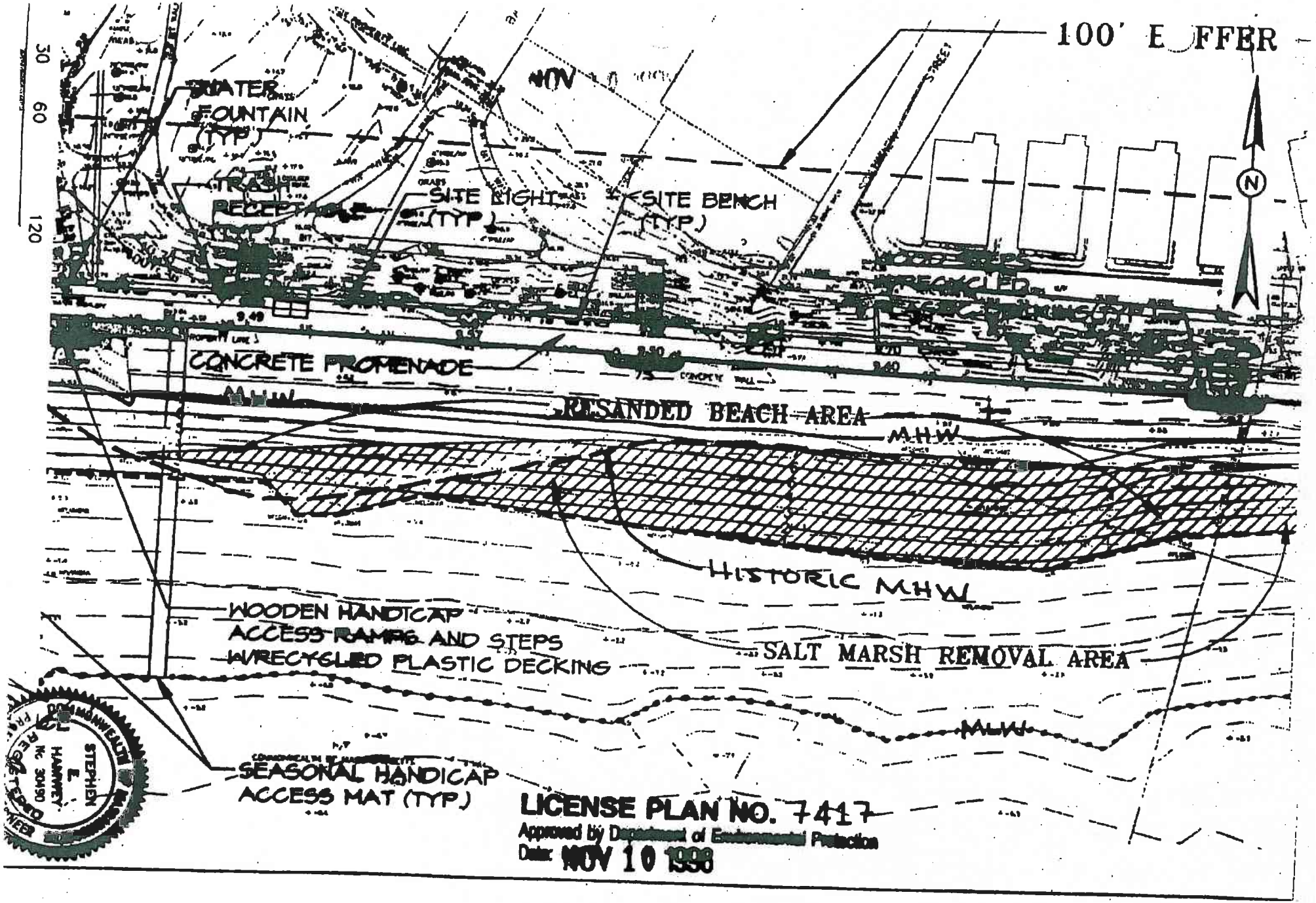
SHEET 1 OF 6

COMMONWEALTH OF MASSACHUSETTS
STEPHEN E. HAMWEY
No. 30490
REGISTERED PROFESSIONAL ENGINEER

LICENSE PLAN NO. 7417
Approved by Department of Environmental Protection
of Massachusetts NOV 10 1998
James O. Sprague



006-130-223-8001-100



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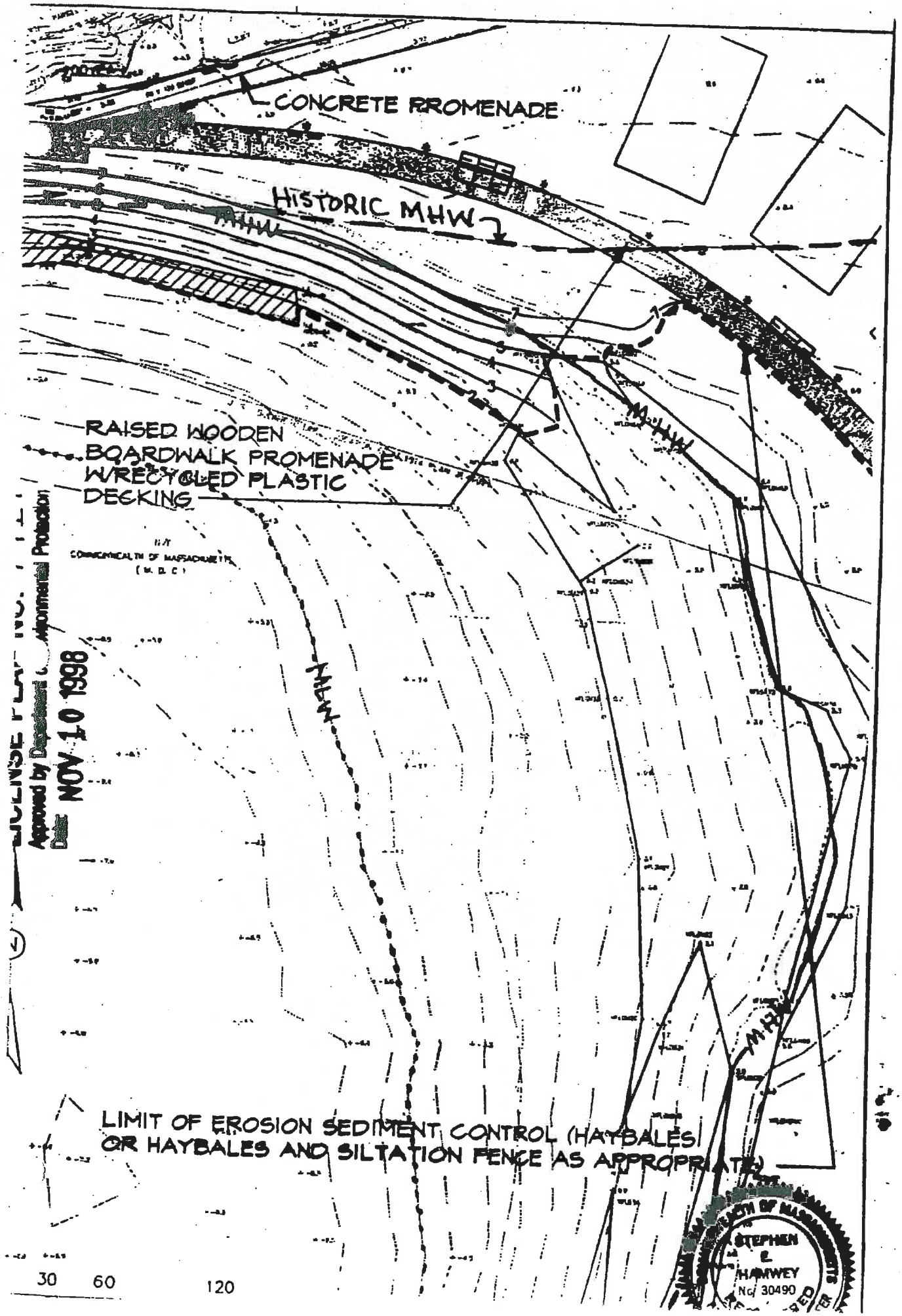
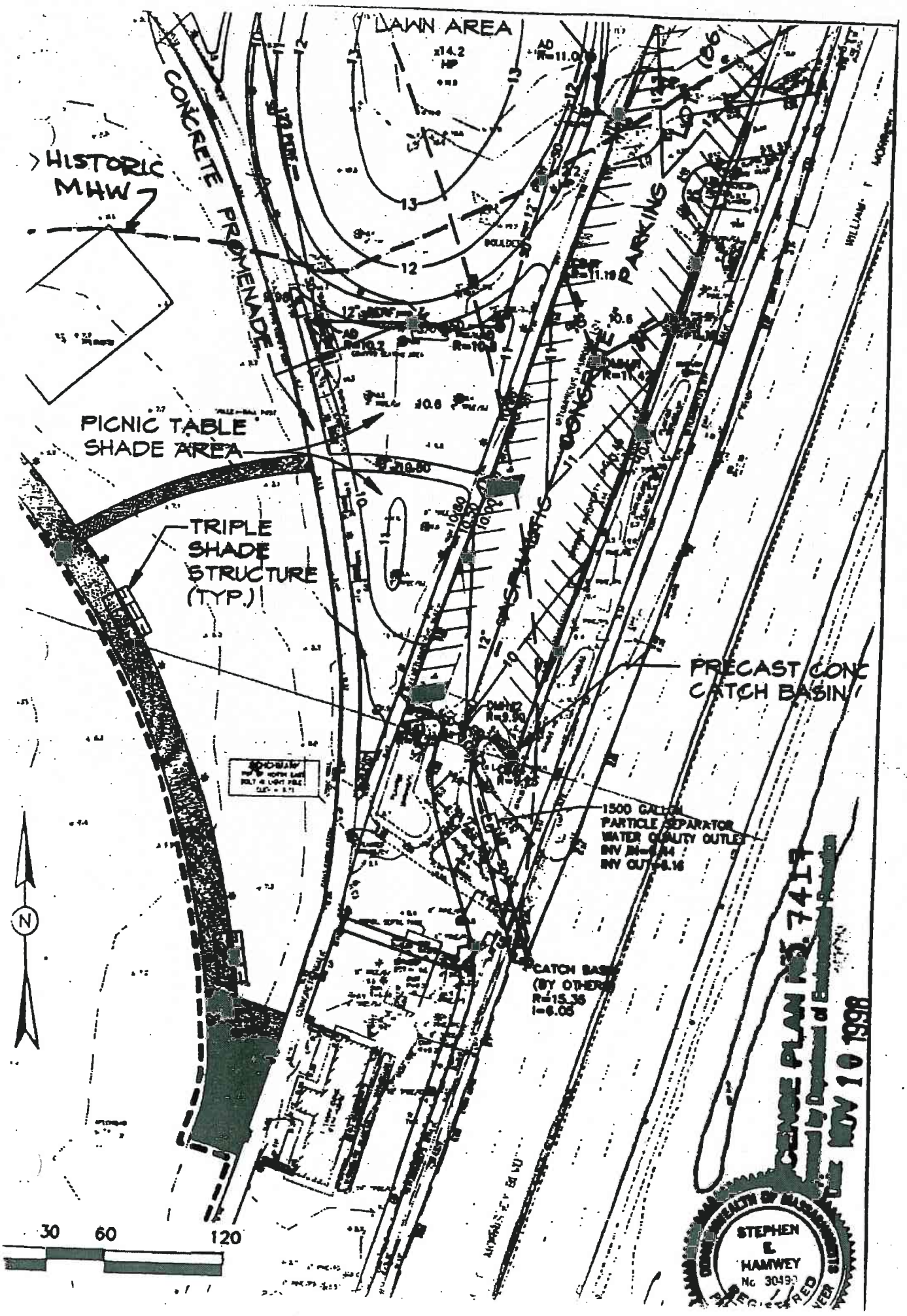


Approved by Department of Environmental Protection

NOV 10 1998



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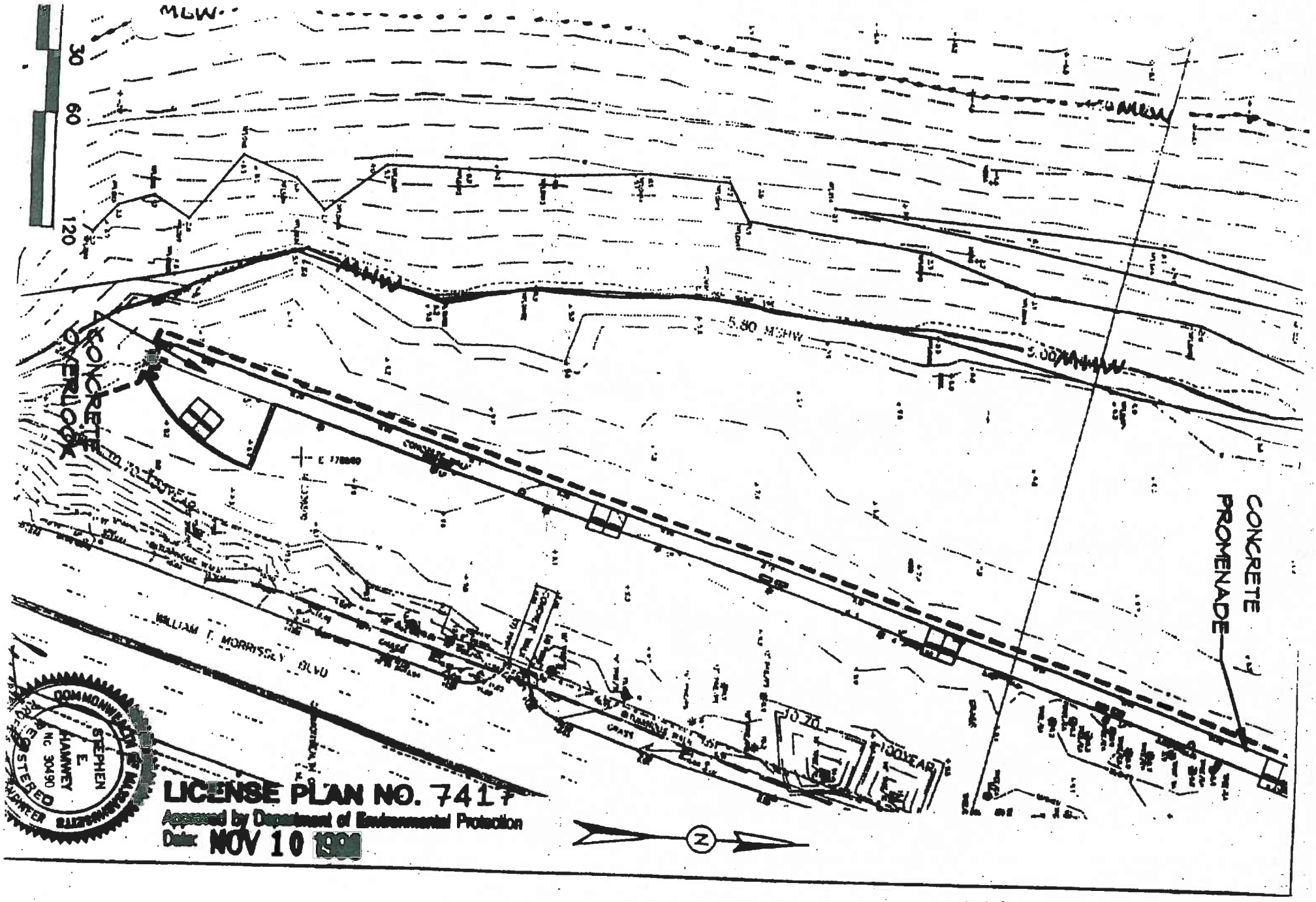
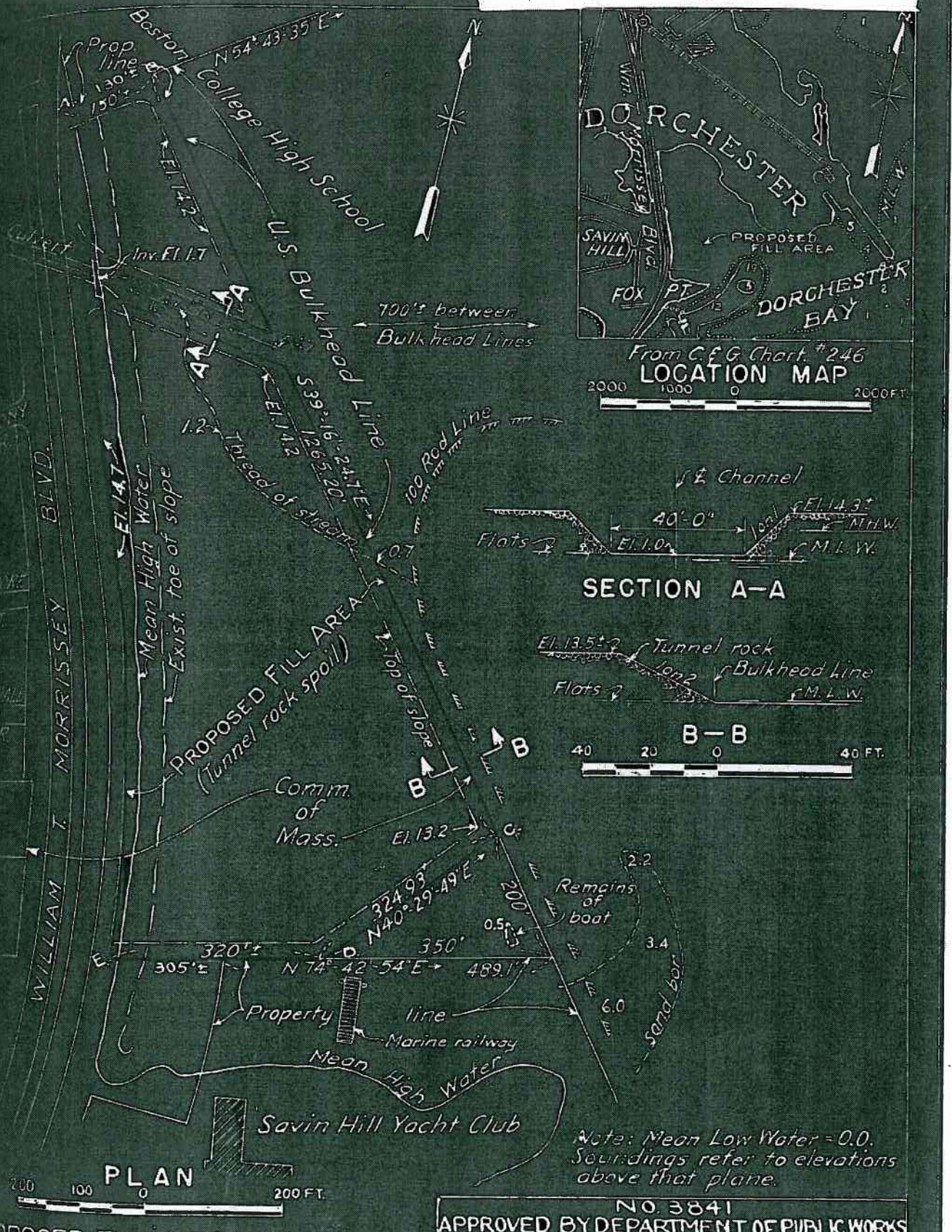


006-130-223-8001-100

006-130-340-000-300

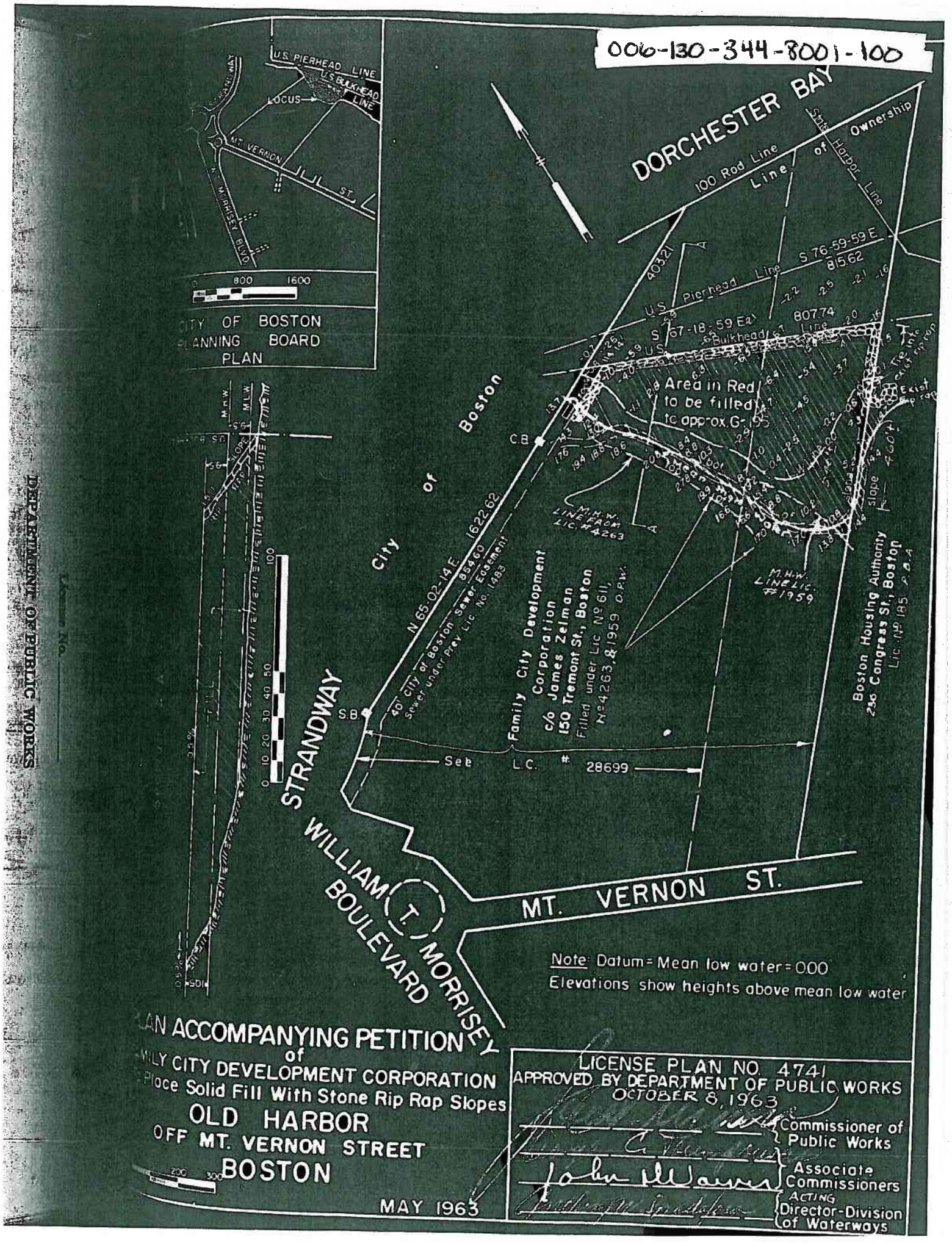


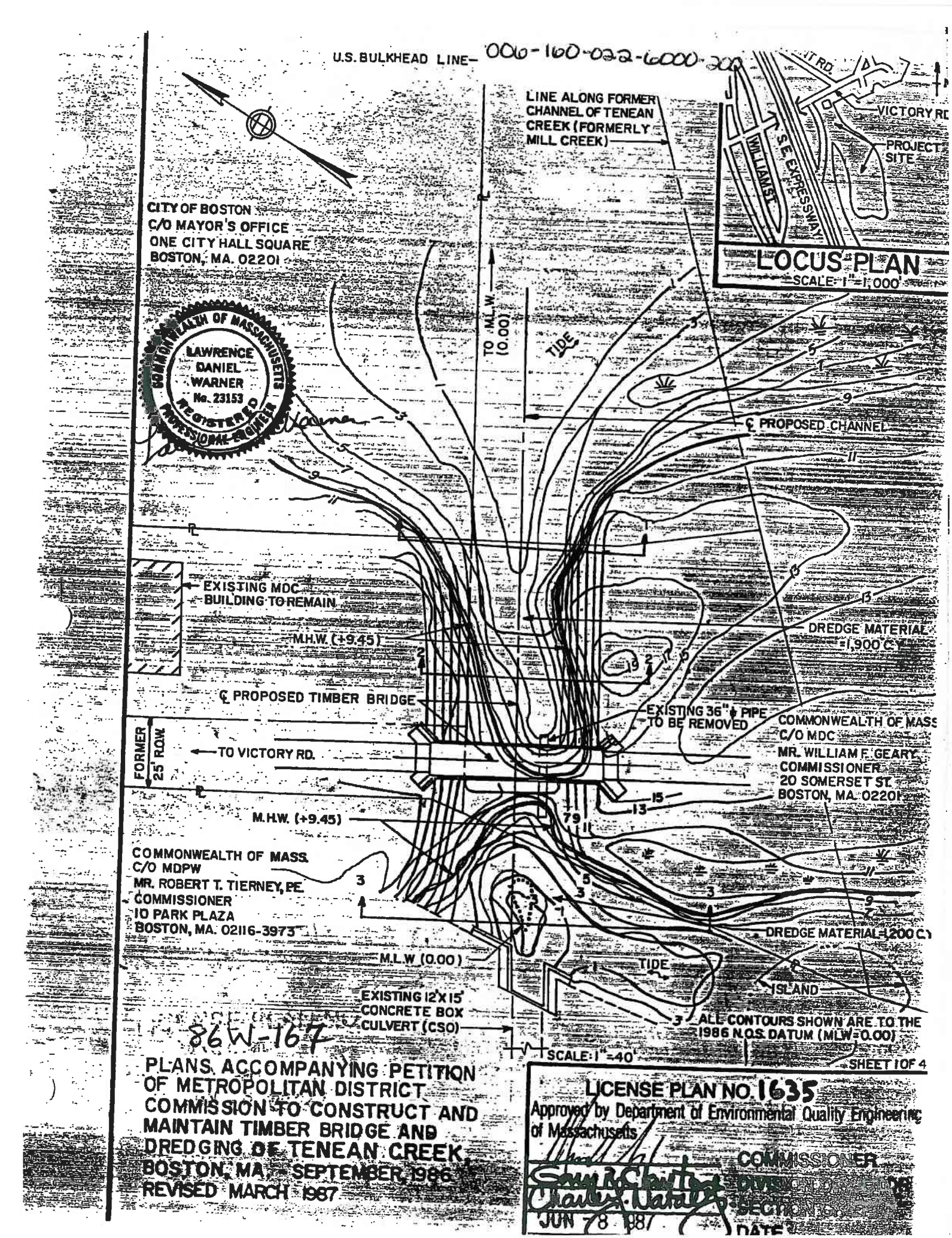
Note: Mean Low Water = 0.0. Soundings refer to elevations above that plane.

PROPOSED FILL AT SAVIN HILL COVE
DORCHESTER BAY OF BOSTON HARBOR
DECEMBER 30, 1955.
Application by Metropolitan District Commission - Construction Division
5.32 N-6 SHEET 1 of 1 Acc. 56,768

NO. 3841
APPROVED BY DEPARTMENT OF PUBLIC WORKS
APRIL 23, 1956

Josh Wolpe — COMMISSIONER OF PUBLIC WORKS
Louis [illegible] — ASSOCIATE COMMISSIONERS
[illegible] — DIRECTOR-DIVISION OF WATERWAYS


006-130-344-8001-100
DORCHESTER BAY
100 Rod Line
State Harbor Line
Ownership Line
U.S. PIERHEAD LINE
U.S. BULKHEAD LINE
LOCUS
MT. VERNON ST.
N. MORRISSEY BLVD.
800
1600
CITY OF BOSTON
PLANNING BOARD
PLAN
U.S. Pierhead Line
S 76-59-59 E
815.62
403.21
S 67-18-59 E
807.74
U.S. Bulkhead Line
Area in Red to be filled to approx. G-
C.B.
City of Boston
N 65-02-14 E 1622.62
40' City of Boston Sewer Easement
Sewer under Prev. Lic. No. 1483
85460
M.H.W. LINE FROM LIC. #4263
M.H.W. LINE LIC. #1959
Family City Development Corporation
c/o James Zelman
150 Tremont St., Boston
Filled under Lic. Nº 611, Nº4263 & 1959 O.P.W.
Boston Housing Authority
236 Congress St., Boston
Lic. Nº 185
Existing Riprap
Slope
STRANDWAY
S.B.
See L.C. # 28699
WILLIAM T. MORRISEY BOULEVARD
MT. VERNON ST.
M.H.W.
M.L.W.
S.B.
SLOPE
0 10 20 30 40 50 100
Note: Datum = Mean low water = 0.00
Elevations show heights above mean low water
PLAN ACCOMPANYING PETITION
of
FAMILY CITY DEVELOPMENT CORPORATION
To Place Solid Fill With Stone Rip Rap Slopes
OLD HARBOR
OFF MT. VERNON STREET
BOSTON
200
300
MAY 1963
LICENSE PLAN NO. 4741
APPROVED BY DEPARTMENT OF PUBLIC WORKS
OCTOBER 8, 1963
Commissioner of Public Works
John W. Lawn
Associate Commissioners
Director-Division of Waterways
DEPARTMENT OF PUBLIC WORKS
License No.



86W-167

PLANS ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION TO CONSTRUCT AND MAINTAIN TIMBER BRIDGE AND DREDGING OF TENEAN CREEK, BOSTON, MA. SEPTEMBER, 1986 REVISED MARCH 1987

LICENSE PLAN NO. 1635

Approved by Department of Environmental Quality Engineering of Massachusetts

COMMISSIONER

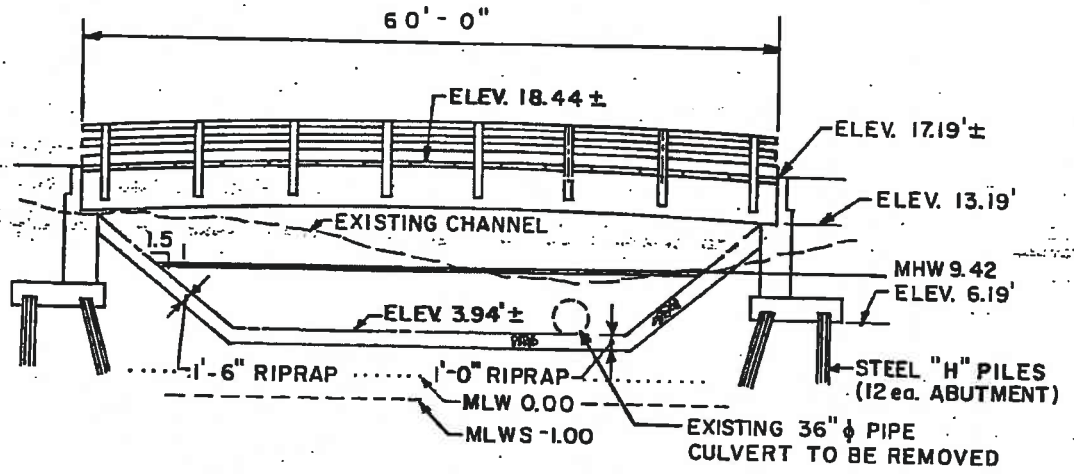
DIVISION OF WATERWAYS

SECTION NO.

JUN 18 1987

DATE

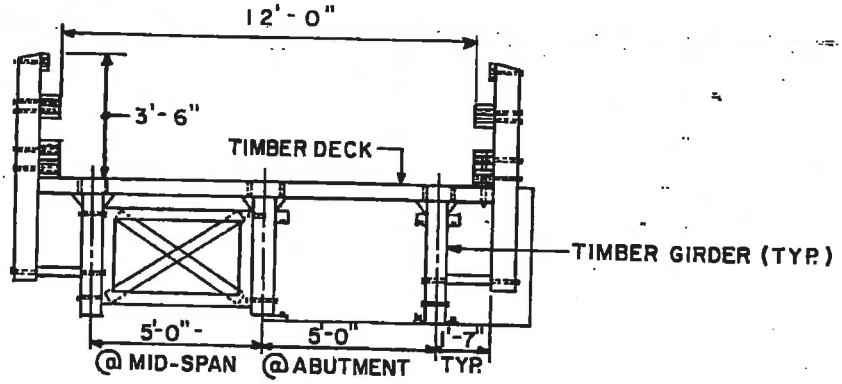
006-160-022-6000-200



TYPICAL TIMBER BRIDGE ELEVATION

SCALE: 1/16"=1'-0"

ALL ELEVATIONS SHOWN ARE
TO 1986 N.O.S. DATUM (M.L.W.=0.00)



TYPICAL BRIDGE SECTION

SCALE: 3/16"=1'-0"

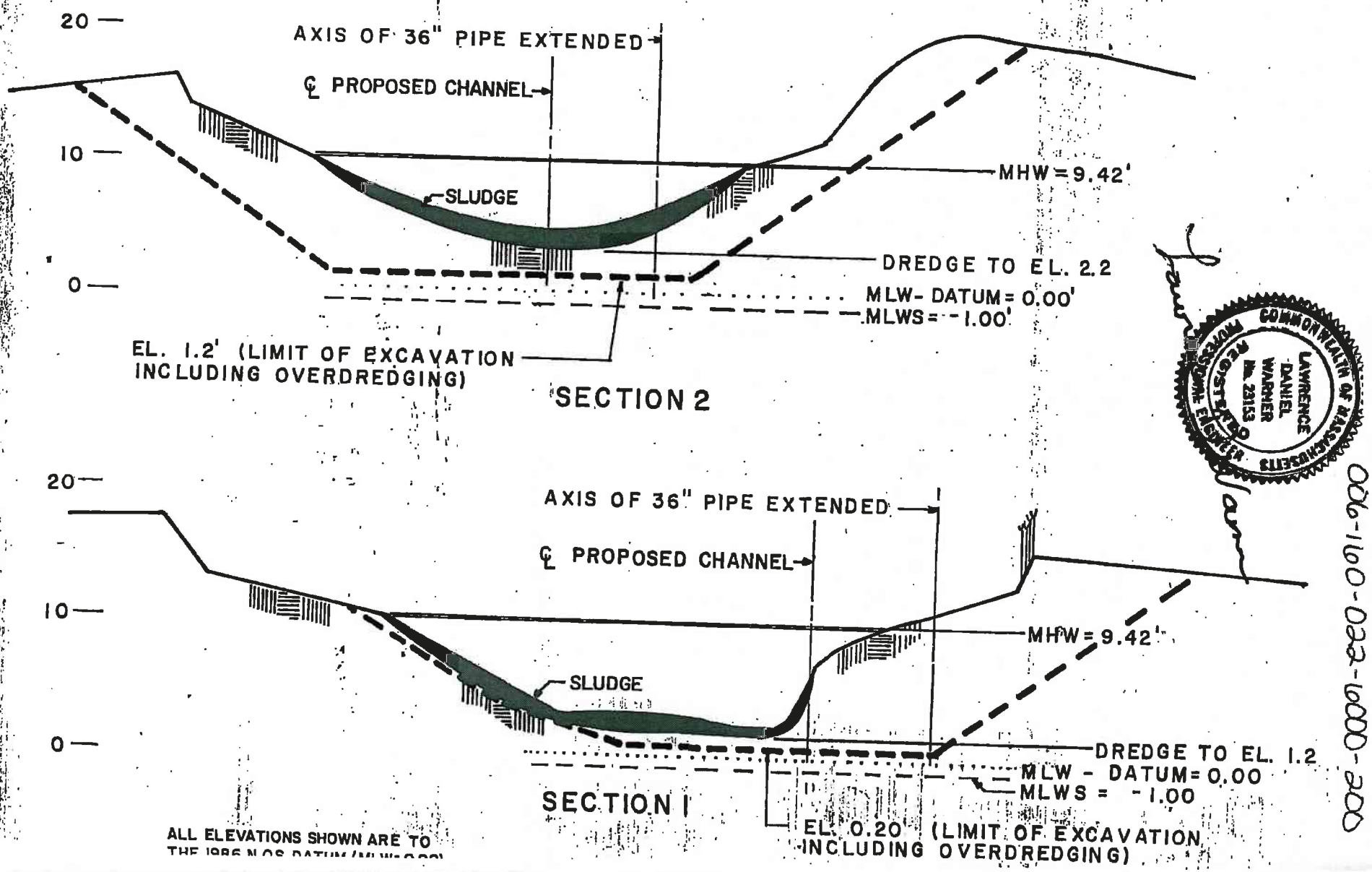
LICENSE PLAN NO. 1635
Approved by Department of Environmental Quality Engineering
Date: JUN - 8 1987

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE
DANIEL
WARNER
No. 23153
REGISTERED
PROFESSIONAL ENGINEER

LICENSE PLAN NO. 1635

Approved by Department of Environmental Quality Engineering

Date: JUN - 8 1987



COMMONWEALTH OF MASSACHUSETTS
LAWRENCE DANIEL WARNER
No. 23153
REGISTERED PROFESSIONAL ENGINEER

Z91-N78

006-160-032-6000-200

006-160-022-6000-200

SECTION 3

SCALE: 1"=10'

LICENSE PLAN NO. 1635

Approved by Department of Environmental Quality Engineering

Date: JUN - 8 1987

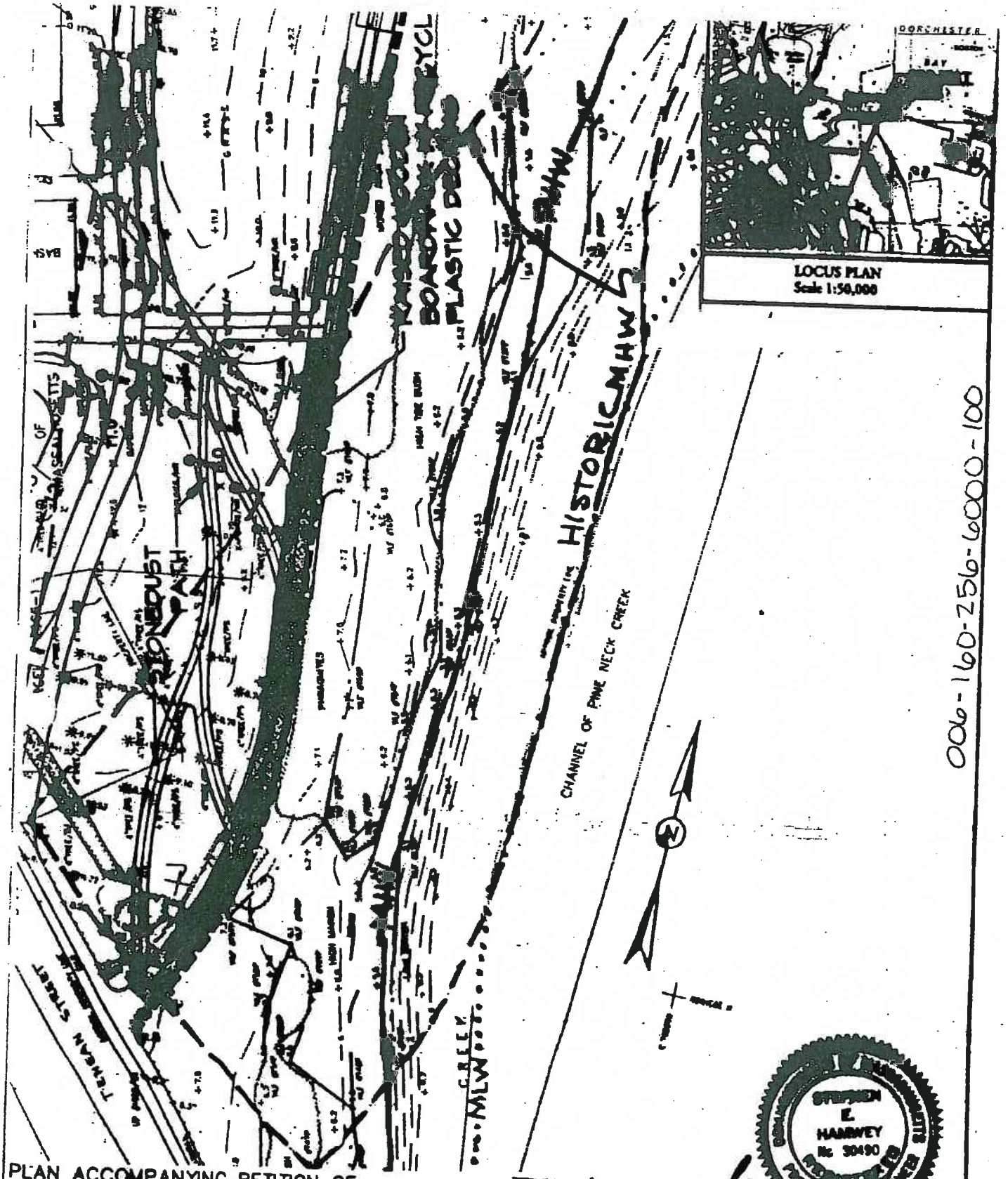
ALL ELEVATIONS SHOWN ARE TO THE 1986 N.O.S. DATUM (MLW=0.00)

COMMONWEALTH OF MASSACHUSETTS
LAWRENCE DANIEL WARNER
No. 23153
REGISTERED PROFESSIONAL ENGINEER

Lawrence Warner

86W-167

SHEET 4 OF 4



LOCUS PLAN
Scale 1:50,000

006-160-256-6000-100

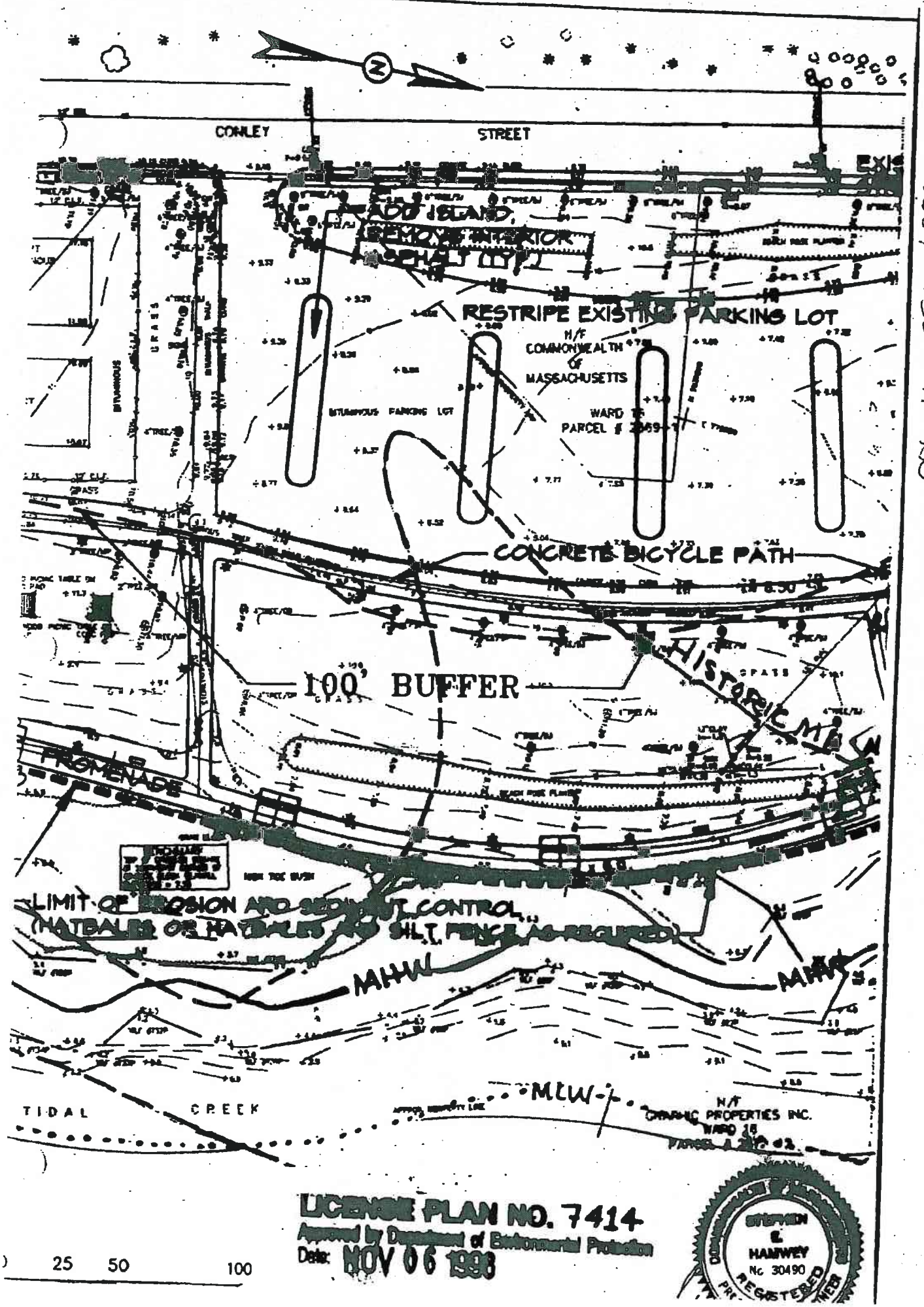
PLAN ACCOMPANYING PETITION OF METROPOLITAN DISTRICT COMMISSION FOR TENEAN BEACH, PINE NECK CREEK, BOSTON HARBOR, BOSTON, MASSACHUSETTS: BEACH NOURISHMENT, BATHHOUSE RELOCATION, NEW PLAYGROUND, PATH UPGRADES, REPAIRS TO RECREATIONAL FACILITIES.

0 25 50 100

SHEET 1 OF 4

STEPHEN E. HARVEY No. 30490

LICENSE PLAN NO. 7414
Approved by Department of Environmental Protection
of Massachusetts
NOV 06 1998



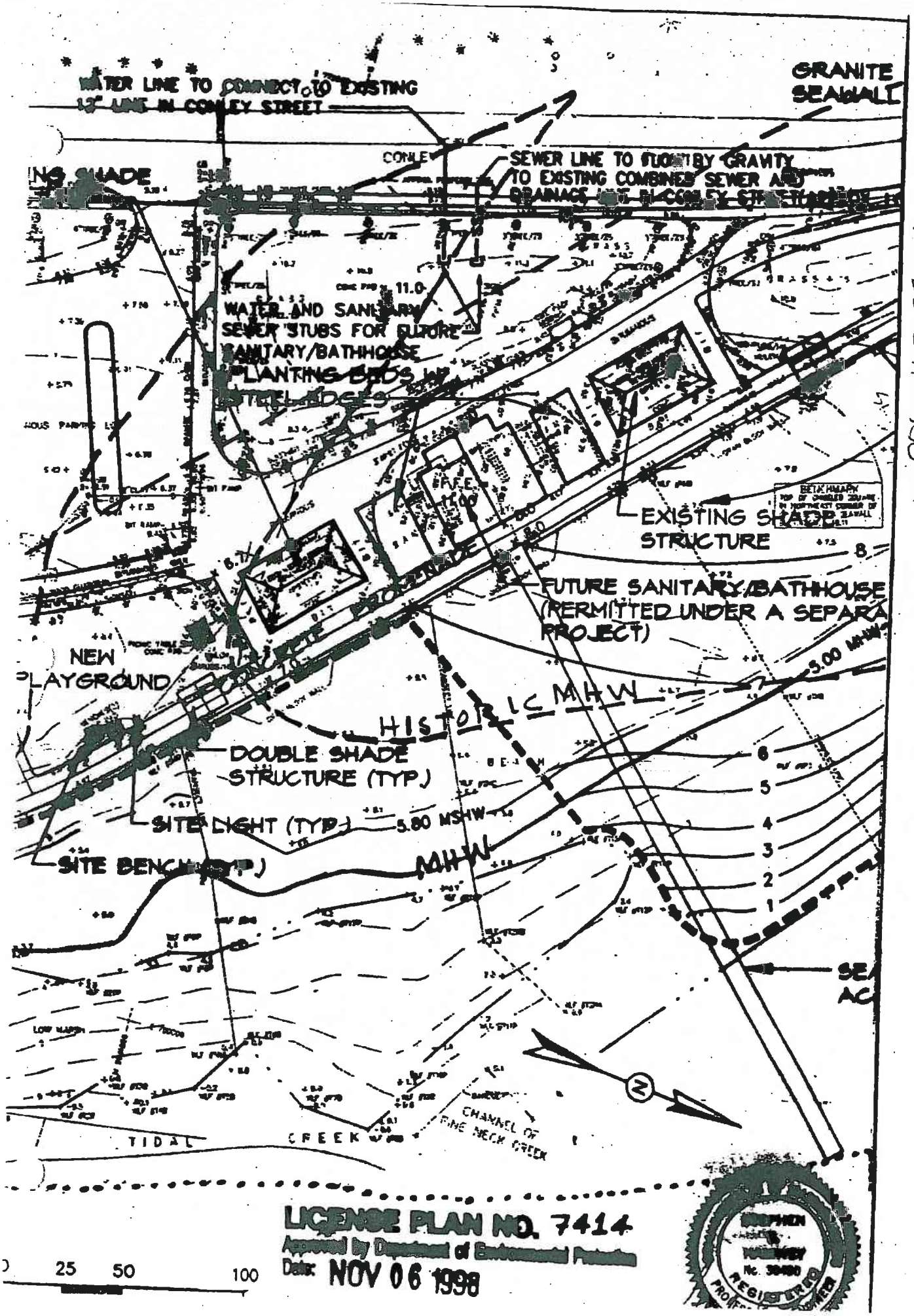
006-160-256-000-100

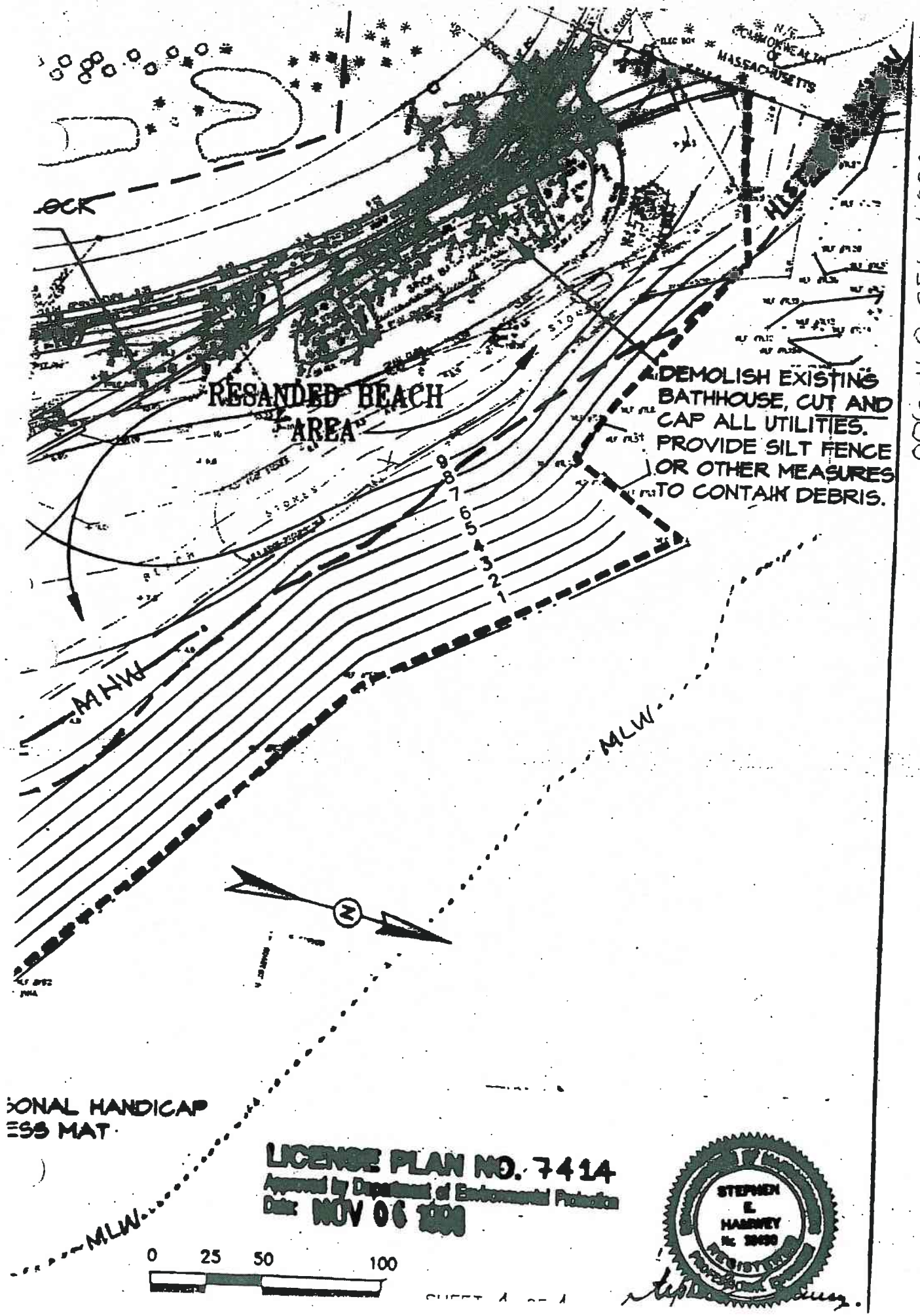
LICENSE PLAN NO. 7414

Approved by Department of Environmental Protection

Date: NOV 06 1998

0 25 50 100


WATER LINE TO CONNECT TO EXISTING
GRANITE SEAWALL
SEWER LINE TO FLOW BY GRAVITY TO EXISTING COMBINED SEWER AND DRAINAGE
11.0
WATER AND SANITARY SEWER STUBS FOR FUTURE SANITARY/BATHHOUSE
PLANTING BEDS W/ STEPPED EDGES
EXISTING SHADE STRUCTURE
FUTURE SANITARY/BATHHOUSE (PERMITTED UNDER A SEPARA PROJECT)
NEW PLAYGROUND
HISTORIC MHW
DOUBLE SHADE STRUCTURE (TYP.)
SITE LIGHT (TYP.)
5.80 MSHW
MHW
SITE BENCH (TYP.)
TIDAL CREEK
CHANNEL OF PINE NECK CREEK
006-160-256-6000-100
LICENSE PLAN NO. 7414
Approved by Department of Environmental Protection
Date: NOV 06 1998
0 25 50 100



006-160-256-6000-100

ONAL HANDICAP
ESS MAT

LICENSE PLAN NO. 7414
Approved by Department of Environmental Protection
Date: NOV 06 1990

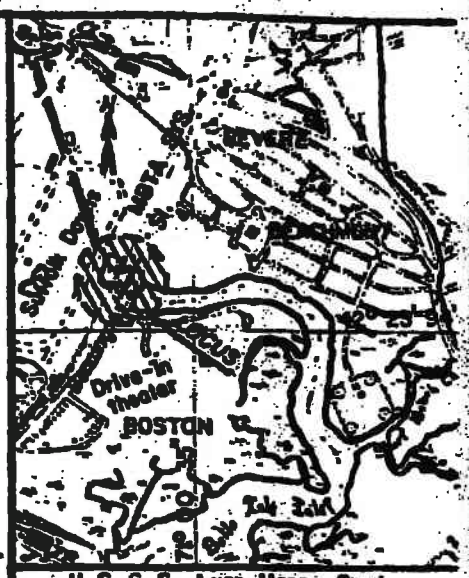
STEPHEN E. HARVEY
No. 39490
REGISTERED PROFESSIONAL ENGINEER

SHEET 4 OF 4

CITY: BOSTON
SOURCE: US ACOE
LOCATION: CONCORD, MA
DATE OF RESEARCH: AUGUST 2007

BCE Structure No	Document No	Contract/ Drawing Number	Entity	Municipality	Date	Title	Sheets	Location	Description
006-010-140-2000-100	006-010-140-2000-100-COE1A	05135A	USACE	Boston	December 1979	Proposed Flood Control Pumping Station	5	Belle Isle Marsh - Bennington Street	Cofferdam
006-010-366-8000-100	006-010-366-8000-100-COE1A	74-215	MA-DCR	Boston	August 1973	Plan Accompanying Petition of City of Boston for Public Facilities Commission to Dredge, Construct a Stone Dike, a Structural Bulkhead, Fill, Rebuild and Reshape Existing Seawall and Remove Existing Pile Pier in Boston Harbor for Site Containment	2	Barnes Middle School in East Boston	Repair Existing Seawall, Build Stone Dike, Build Bulkhead
006-010-540-4000-100	006-010-540-4000-100-COE1A	76-297	USACE	Boston	January 1976	Proposed Sheet Pile, Riprap and Granite Seawalls, Removal of Existing Structures, Fill and Dredging in Boston Harbor, East Boston, MA	5	New Street and Sumner Street	Proposed Sheet Pile, Riprap and Granite Seawall
006-020-273-5000-100	006-020-273-5000-100-COE1A	54-79	USACE	Boston	February 1954	Proposed Fill in Little Mystic Channel at Charlestown, County of Suffolk, Mass.	1	Little Mystic Channel	Riprap Slope Protection
006-020-273-5000-100	006-020-273-5000-100-COE1B	68-182	USACE	Boston	April 1968	Proposed Seawall, Rock Revetment and Fill in Little Mystic Channel at Charlestown, County of Suffolk, State of Massachusetts	1	Little Mystic Channel	Rock Revetment and Fill
006-020-273-5000-100	006-020-273-5000-100-COE1C	72-141	USACE	Boston	February 1972	Proposed Access Ramp and Facilities - Little Mystic Channel Charlestown Section, Boston, Massachusetts	1	Little Mystic Channel	Stone Revetment
006-020-358-6000-300	006-020-358-6000-300-COE3A	51-114	USACE	Boston	March 1951	Plan Accompanying Petition of the Commonwealth of Massachusetts DPW to Fill in the Charles River Near Warren Bridge	2	Warren Bridge	Fill Stabilized by Riprap Slope
006-030-300-4000-100	006-030-300-4000-100-COE1A	80-220	USACE	Boston	April 1979	Plan Accompanying the Petition of Boston Redevelopment Authority - Reconstruct and Maintain the Long Wharf Decking, Pile Foundation and Restructuring the Granite Wall Under Harbor and Land License 48782090 to Construct and Maintain 6 Dolphin Piers, Ramps,	3	Long Wharf	Granite Seawall Reconstructed
006-060-341-5000-100	006-060-341-5000-100-COE1A	29381	USACE	Boston	September 1950	Proposed Causeway from City Point to Head Island at Marine Park, South Boston, County of Suffolk, Massachusetts	3	City Point	Causeway
006-060-341-8001-100	006-060-341-8001-100-COE1A	84-859	USACE	Boston	August 1982	Proposed Reconstruction of a Causeway and Dredging in Dorchester Bay in the City of Boston, County of Suffolk	7	City Point, Castle Island, M Street	Causeway Reconstruction, Stone Revetment, and Beach Renourishment
006-060-341-8001-100	006-060-341-8001-100-COE1B	85-034	USACE	Boston	June 1987	Proposed Construction of a Riprap Slope and Dredging	2	Castle Island	Riprap Stone Revetment
006-060-341-9000-100	006-060-341-9000-100-COE1A	58-75	USACE	Boston	December 1957	Proposed Dam and Hydraulic Structures - Pleasure Bay - Suffolk County	3	Castle Island	Dam
006-060-341-9000-100	006-060-341-9000-100-COE1B	84-859	USACE	Boston	August 1982	Proposed Reconstruction of a Causeway and Dredging in Dorchester Bay in the City of Boston, County of Suffolk	7	City Point, Castle Island, M Street	Causeway Reconstruction, Stone Revetment, and Beach Renourishment
006-060-341-9000-200	006-060-341-9000-200-COE2A	58-75	USACE	Boston	December 1957	Proposed Dam and Hydraulic Structures - Pleasure Bay - Suffolk County	3	Castle Island	Dam
006-060-341-9000-200	006-060-341-9000-200-COE2B	84-859	USACE	Boston	August 1982	Proposed Reconstruction of a Causeway and Dredging in Dorchester Bay in the City of Boston, County of Suffolk	7	City Point, Castle Island, M Street	Causeway Reconstruction, Stone Revetment, and Beach Renourishment
006-060-341-9000-300	006-060-341-9000-300-COE3A	58-75	USACE	Boston	December 1957	Proposed Dam and Hydraulic Structures - Pleasure Bay - Suffolk County	3	Castle Island	Dam
006-060-341-9000-300	006-060-341-9000-300-COE3B	84-859	USACE	Boston	August 1982	Proposed Reconstruction of a Causeway and Dredging in Dorchester Bay in the City of Boston, County of Suffolk	7	City Point, Castle Island, M Street	Causeway Reconstruction, Stone Revetment, and Beach Renourishment
006-060-341-9000-400	006-060-341-9000-400-COE4A	29381	USACE	Boston	September 1950	Proposed Causeway from City Point to Head Island at Marine Park, South Boston, Massachusetts	3	City Point	Causeway
006-070-267-2000-100	006-070-267-2000-100-COE1A	84-859	USACE	Boston	August 1982	Proposed Reconstruction of a Causeway and Dredging in Dorchester Bay in the City of Boston, County of Suffolk	7	City Point, Castle Island, M Street	Causeway Reconstruction, Stone Revetment, and Beach Renourishment
006-070-267-2000-100	006-070-267-2000-100-COE1B	3570-D	USACE	Boston	June 2005	M Street Seawall Reconstruction - South Boston, Massachusetts	7	M Street	Concrete Seawall Reconstruction
006-070-271-0000-100	006-070-271-0000-100-COE1A	84-859	USACE	Boston	August 1982	Proposed Reconstruction of a Causeway and Dredging in Dorchester Bay in the City of Boston, County of Suffolk	7	City Point, Castle Island, M Street	Causeway Reconstruction, Stone Revetment, and Beach Renourishment
006-130-340-0000-100	006-130-340-0000-100-COE1A	55-85	USACE	Boston	Feburary 1955	Proposed Fill in Dorchester Bay at Boston, County of Suffolk, Massachusetts	1	Mount Vernon Street	Fill with Riprap Slope
006-130-344-6000-400	006-130-344-6000-400-COE4A	55-85	USACE	Boston	February 1955	Proposed Fill in Dorchester Bay at Boston, County of Suffolk, Massachusetts	1	Mount Vernon Street	Fill with Riprap Slope

006-010-140-2000-100



U. S. G. S., Lynn Mass., Quad.
AMS 1:25,000 1970
6868 IV NW SERIES V 814, 7.5,

BOSTON
REVERE

EXIST 1'-0" H
9'-0" W

TOP OF WALL ELEV. +9.80

EXIST 15" R.C. SLAB

℄ PROPOSED COFFERDAM

Limit of work

Normal M.H.W. ±

℄ OF EXIST. STEEL SHEETING 4'± C.L. FENCE (TYP.)

INV. ELEV. +4.5±

3'-0" 6'-6" DISCHARGE CULVERT

EXIST BIT. CONC. SIDEWALK

N26-09-20E

BENNINGTON STREET

6" DUCTILE IRON WATER PIPE

20 0 20 40 FT.

SITE PLAN

PROPOSED FLOOD CONTROL PUMPING STATION

IN SALES CREEK

AT BOSTON AND REVERE, MA.

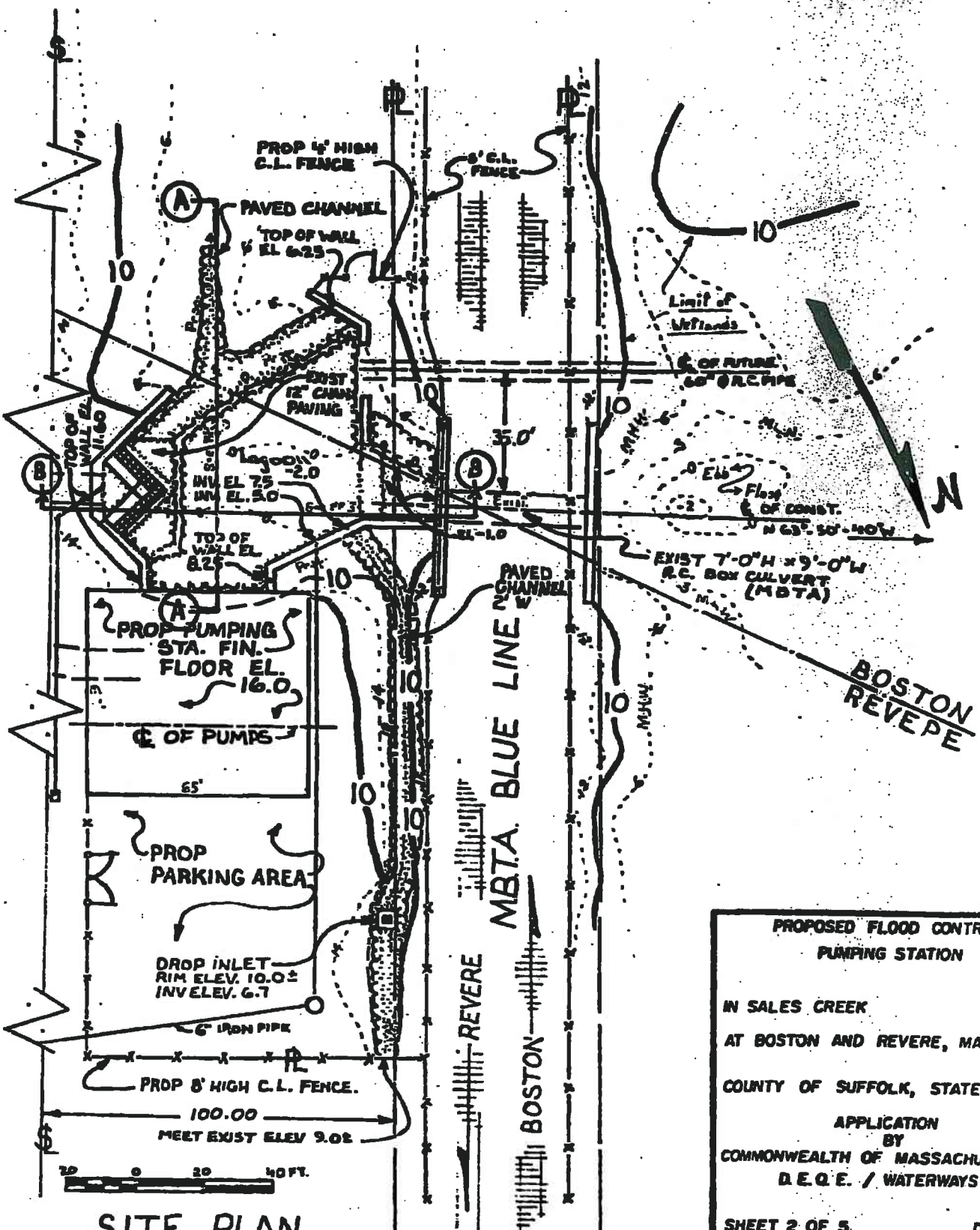
COUNTY OF SUFFOLK, STATE: MASS.

APPLICATION BY

COMMONWEALTH OF MASSACHUSETTS, D. E. Q. E. / WATERWAYS

SHEET 1 OF 5 DEC. 1979

006-010-140-2000-100



SITE PLAN

PROPOSED FLOOD CONTROL PUMPING STATION

IN SALES CREEK

AT BOSTON AND REVERE, MA.

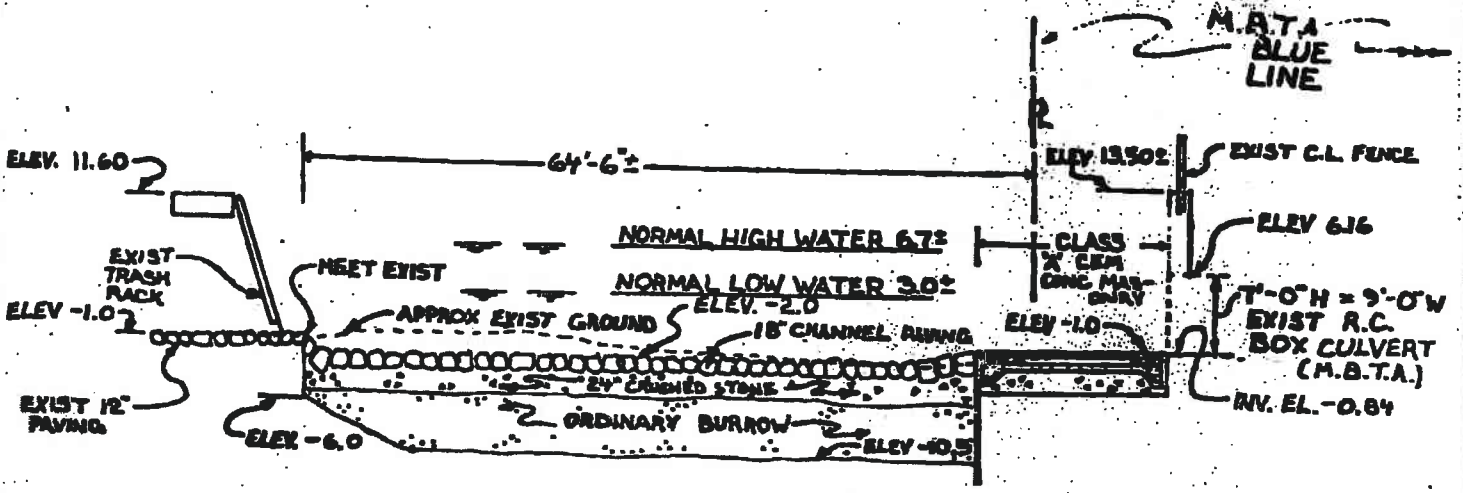
COUNTY OF SUFFOLK, STATE: MASS.

APPLICATION BY COMMONWEALTH OF MASSACHUSETTS, D.E.Q.E. / WATERWAYS

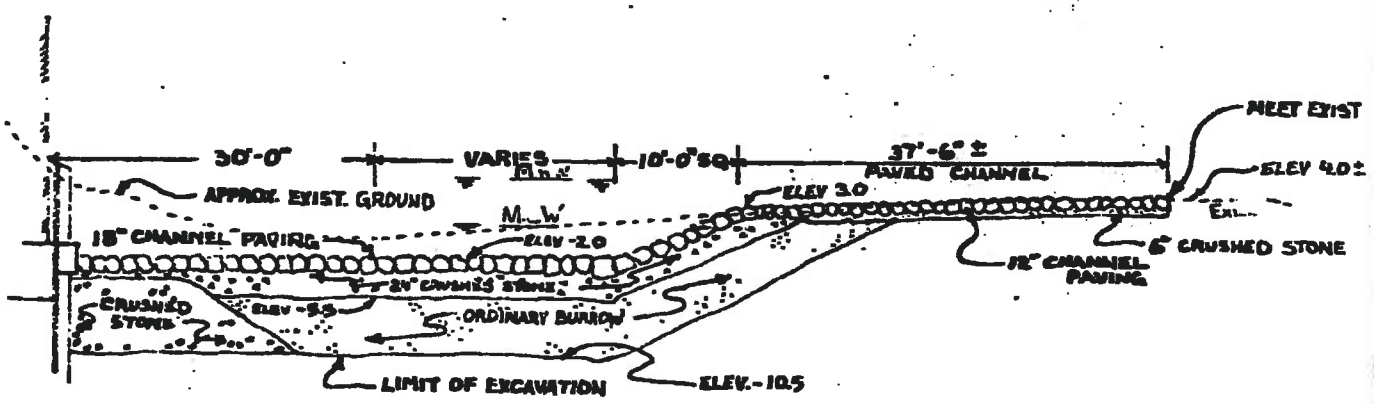
SHEET 2 OF 5 DEC. 1979

253 1742

006-010-140-2000-100



SECTION B-B



2' 0 2' 4' 6' 8' 10' ft.

SECTION A-A

PROPOSED FLOOD CONTROL PUMPING STATION

IN SALES CREEK

AT BOSTON AND REVERE, MA.

COUNTY OF SUFFOLK, STATE: MASS.

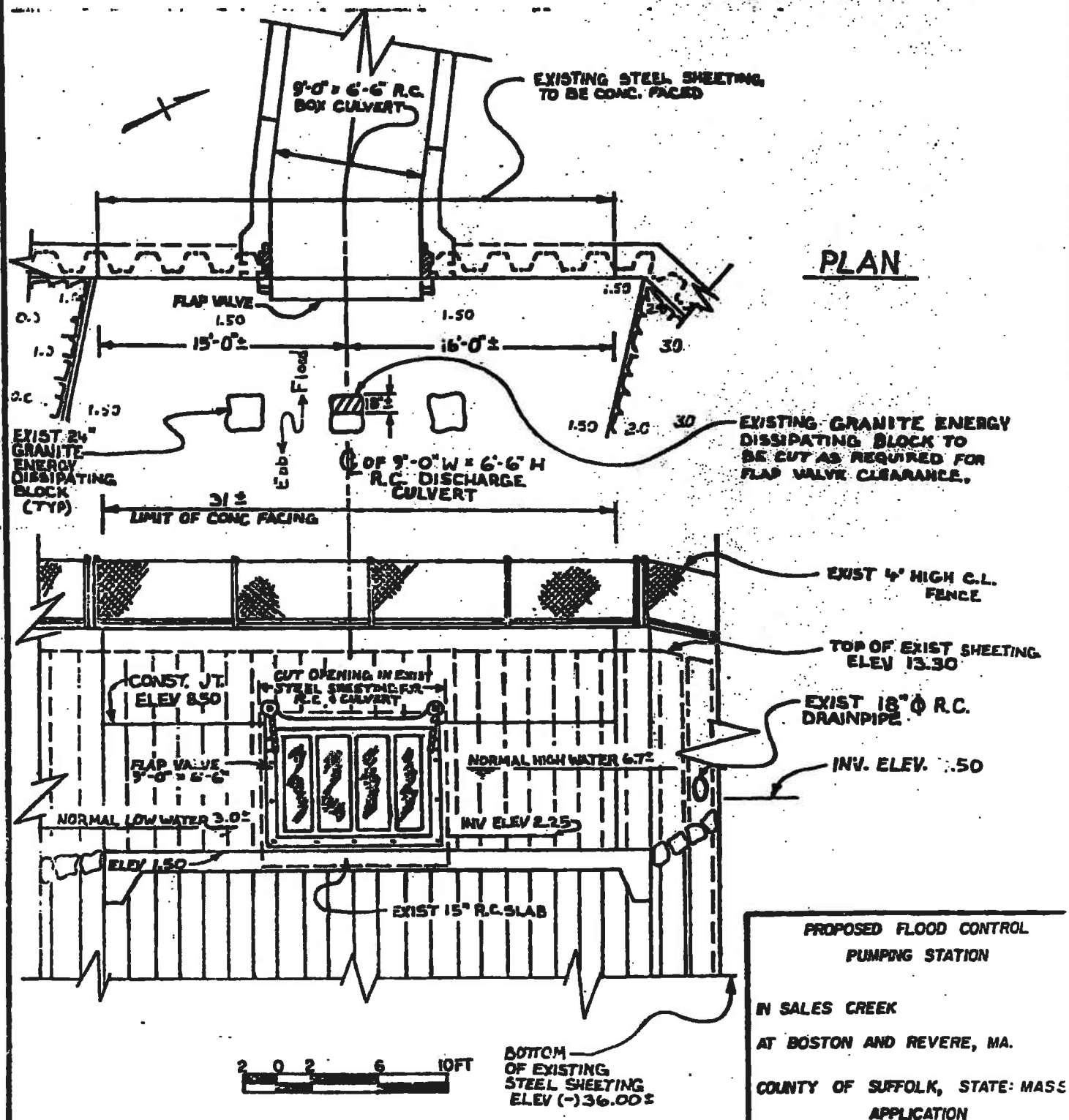
APPLICATION BY COMMONWEALTH OF MASSACHUSETTS, D. E. Q. E. / WATERWAYS

ACC. NO. 05135 C

SHEET 3 OF 5

DEC. 1975

006-010-140-2000-100



PROPOSED FLOOD CONTROL PUMPING STATION

IN SALES CREEK

AT BOSTON AND REVERE, MA.

COUNTY OF SUFFOLK, STATE: MASS

APPLICATION BY

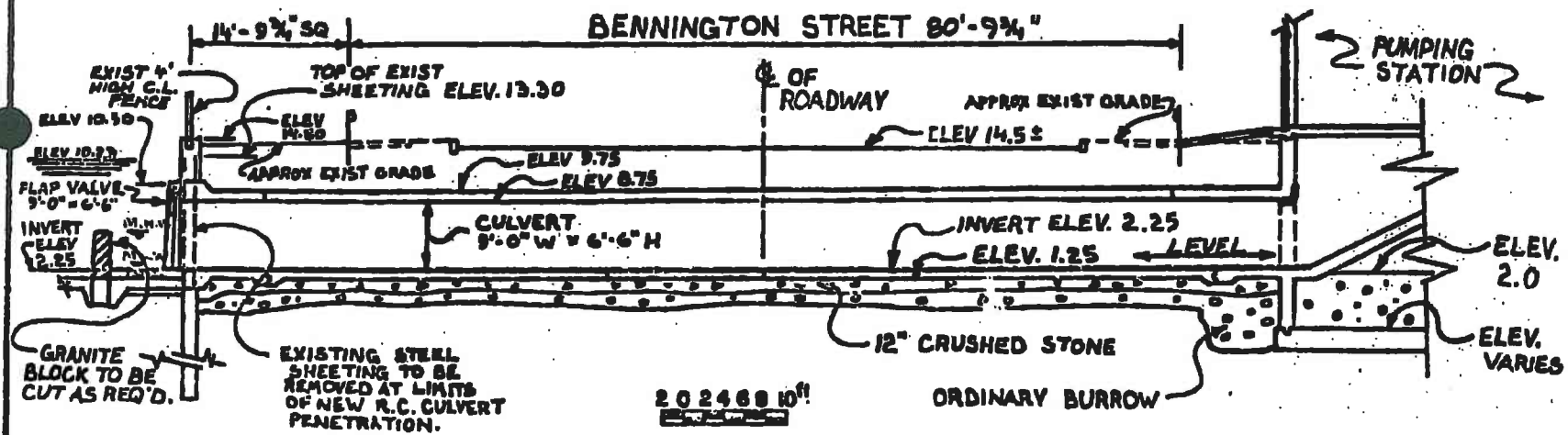
COMMONWEALTH OF MASSACHUSETTS

D. E. Q. E. / WATERWAYS

SHEET 4 OF 5 DEC. 19

ACC. NO. 05135 D

258 17441

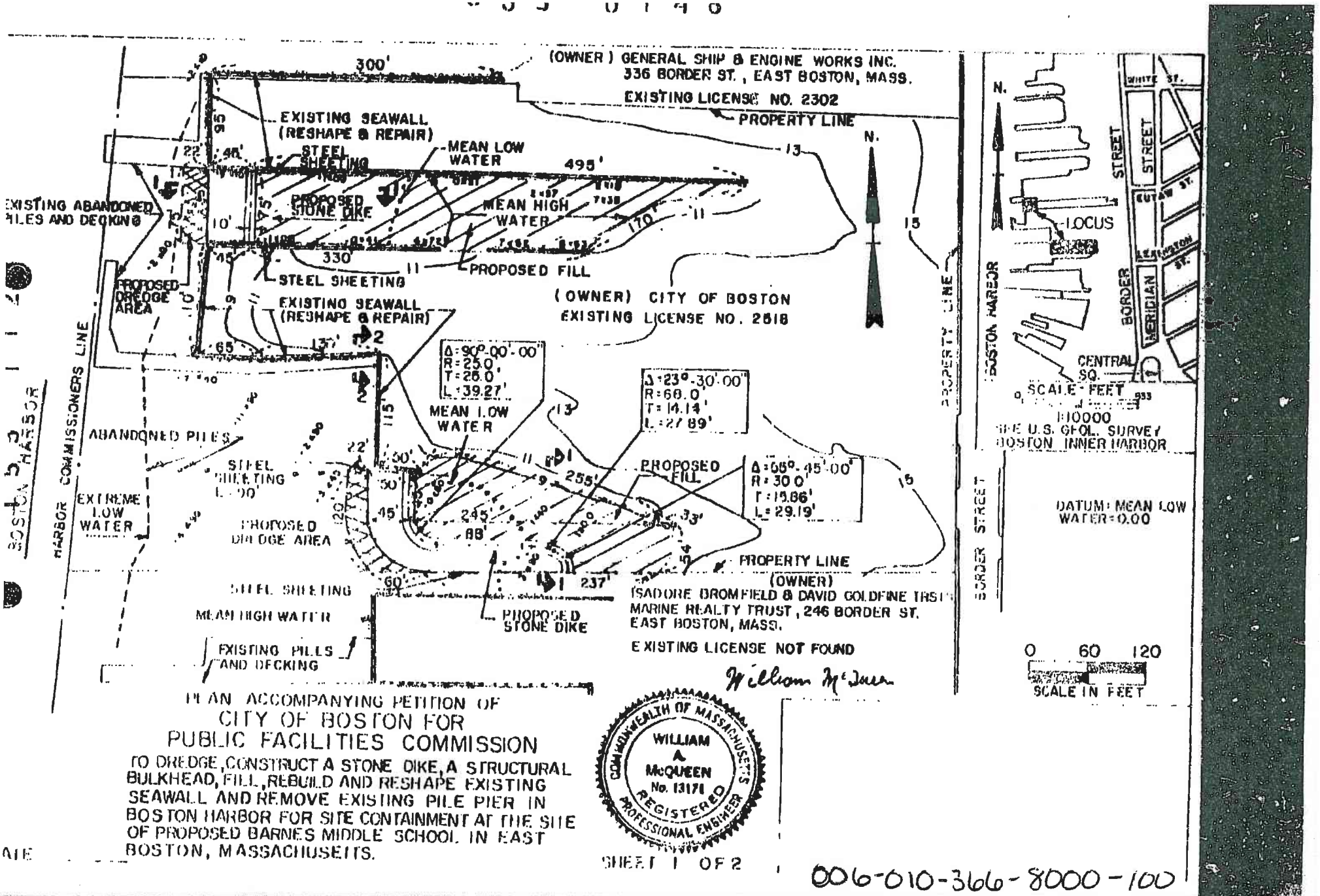


LONGITUDINAL SECTION (DEVELOPED)

PROPOSED FLOOD CONTROL PUMPING STATION
IN SALES CREEK
AT BOSTON AND REVERE, MA.
COUNTY OF SUFFOLK, STATE: MA.
APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
D.E.Q.E./ WATERWAYS
SHEET 5 OF 5 DEC. 1979

ACC. NO. 25 8 1 7 4 5 F

006-610-140-2000-100



PLAN ACCOMPANYING PETITION OF
CITY OF BOSTON FOR
PUBLIC FACILITIES COMMISSION

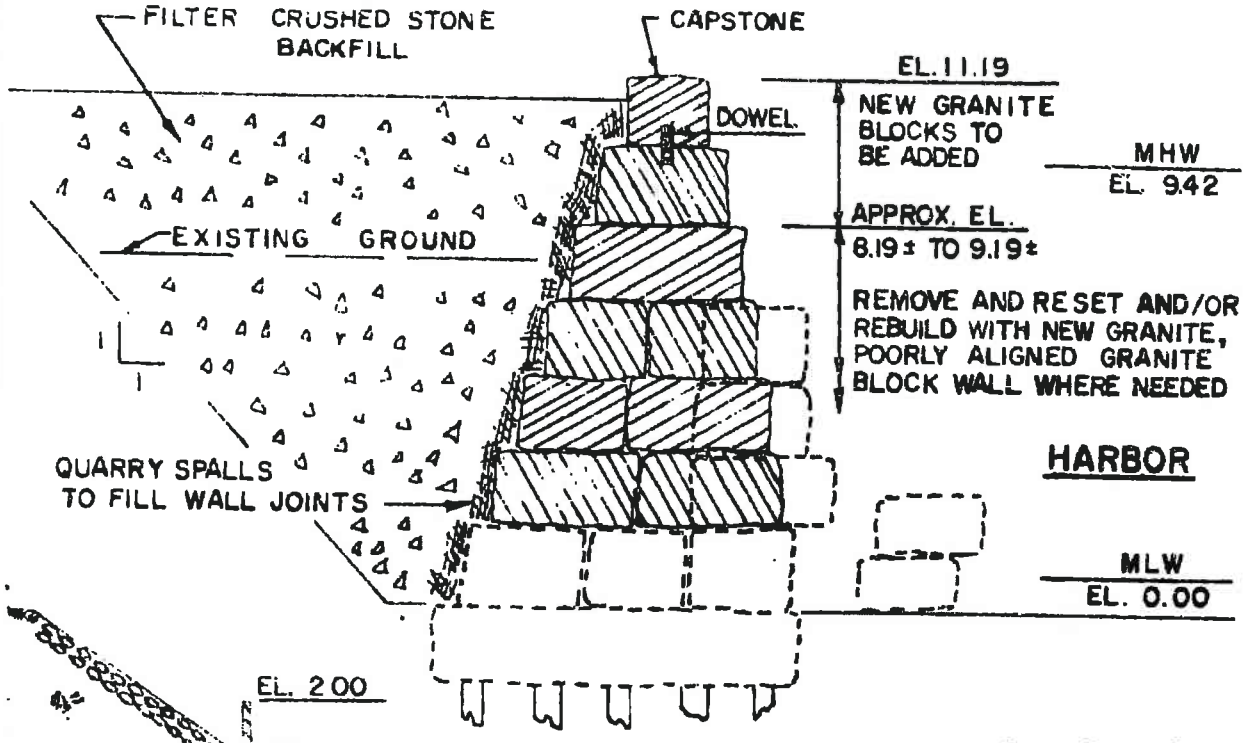
TO DREDGE, CONSTRUCT A STONE DIKE, A STRUCTURAL BULKHEAD, FILL, REBUILD AND RESHAPE EXISTING SEAWALL AND REMOVE EXISTING PILE PIER IN BOSTON HARBOR FOR SITE CONTAINMENT AT THE SITE OF PROPOSED BARNES MIDDLE SCHOOL IN EAST BOSTON, MASSACHUSETTS.

COMMONWEALTH OF MASSACHUSETTS
WILLIAM A McQUEEN No. 13171 REGISTERED PROFESSIONAL ENGINEER

SHEET 1 OF 2

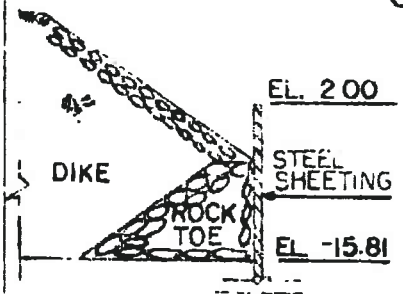
006-010-366-8000-100

035 0149

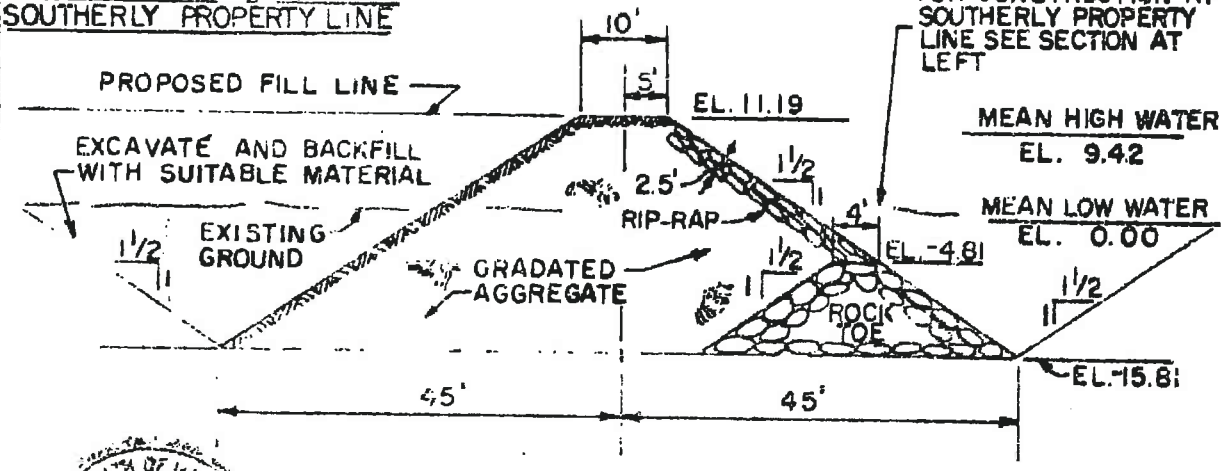


SECTION 2-2
REPAIR OF SEAWALL

0 2 4
SCALE IN FEET



SECTION AT SOUTHERLY PROPERTY LINE



SECTION 1-1
STONE DIKE

0 10 20
SCALE IN FEET

COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN
No 3317
REGISTERED PROFESSIONAL ENGINEER

William McQueen

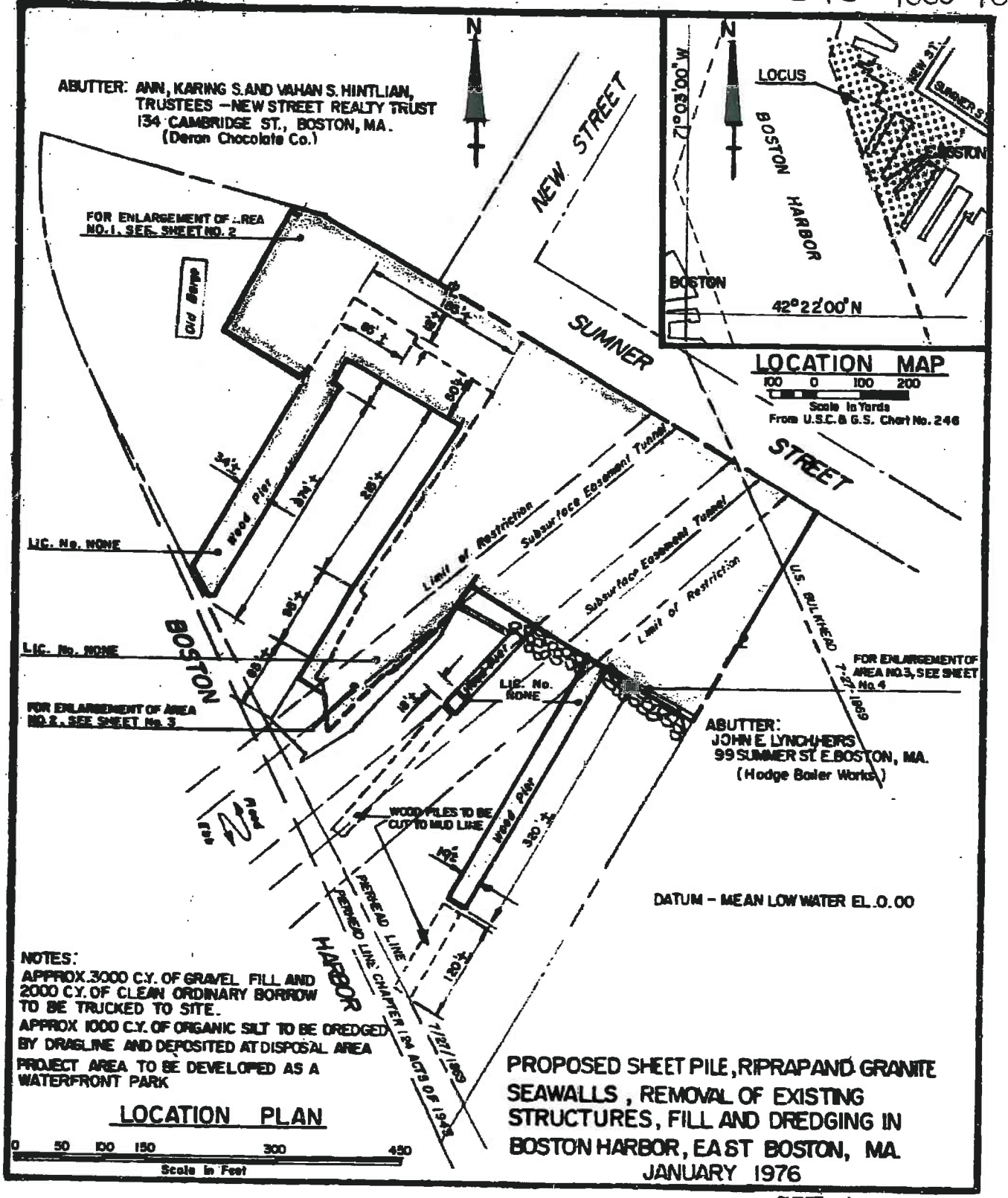
DATE

SHEET 2 OF 2

006-010-366-8000-100

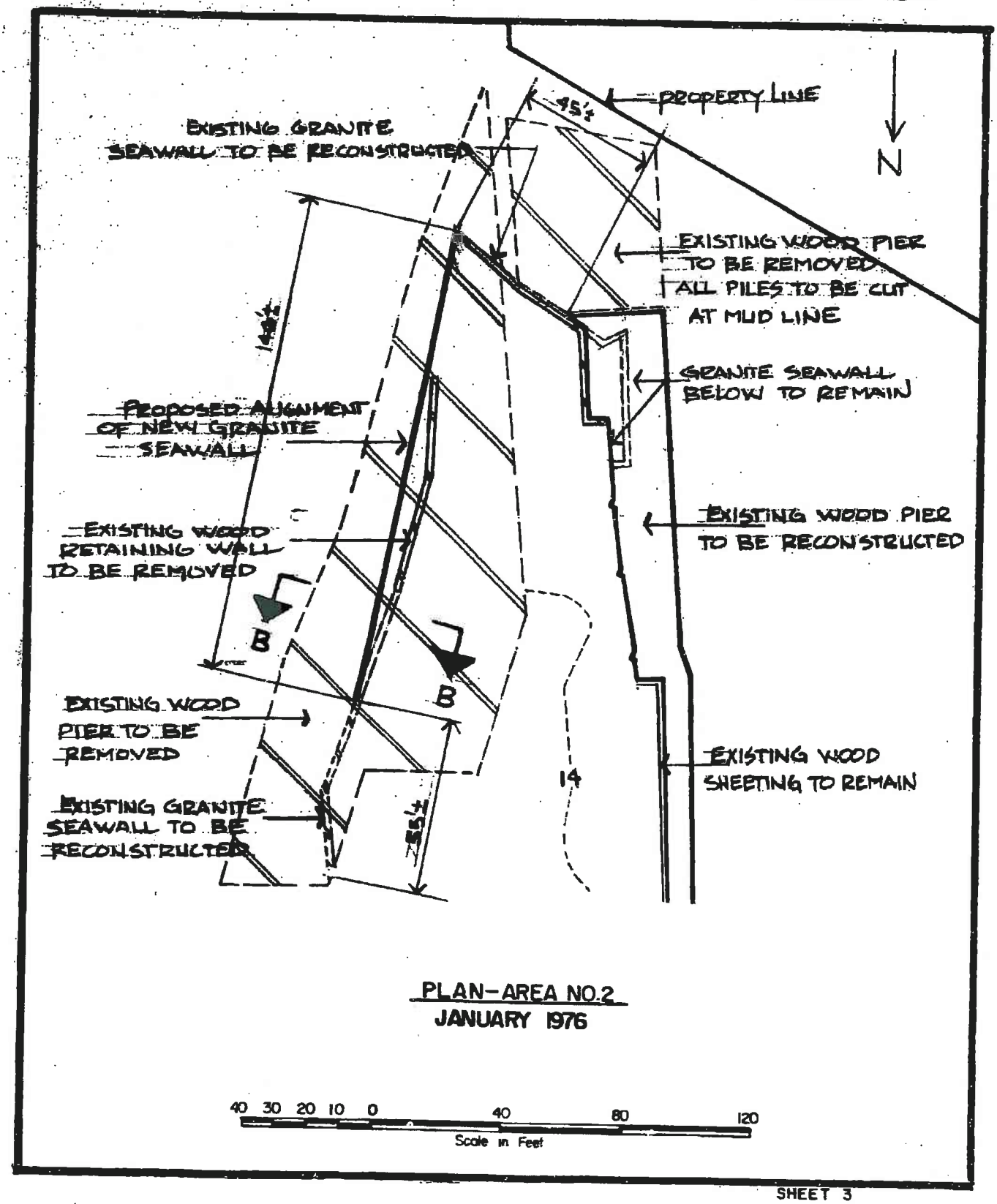
006-010-540-4000-100

172 0216



006-010-540-4000-100

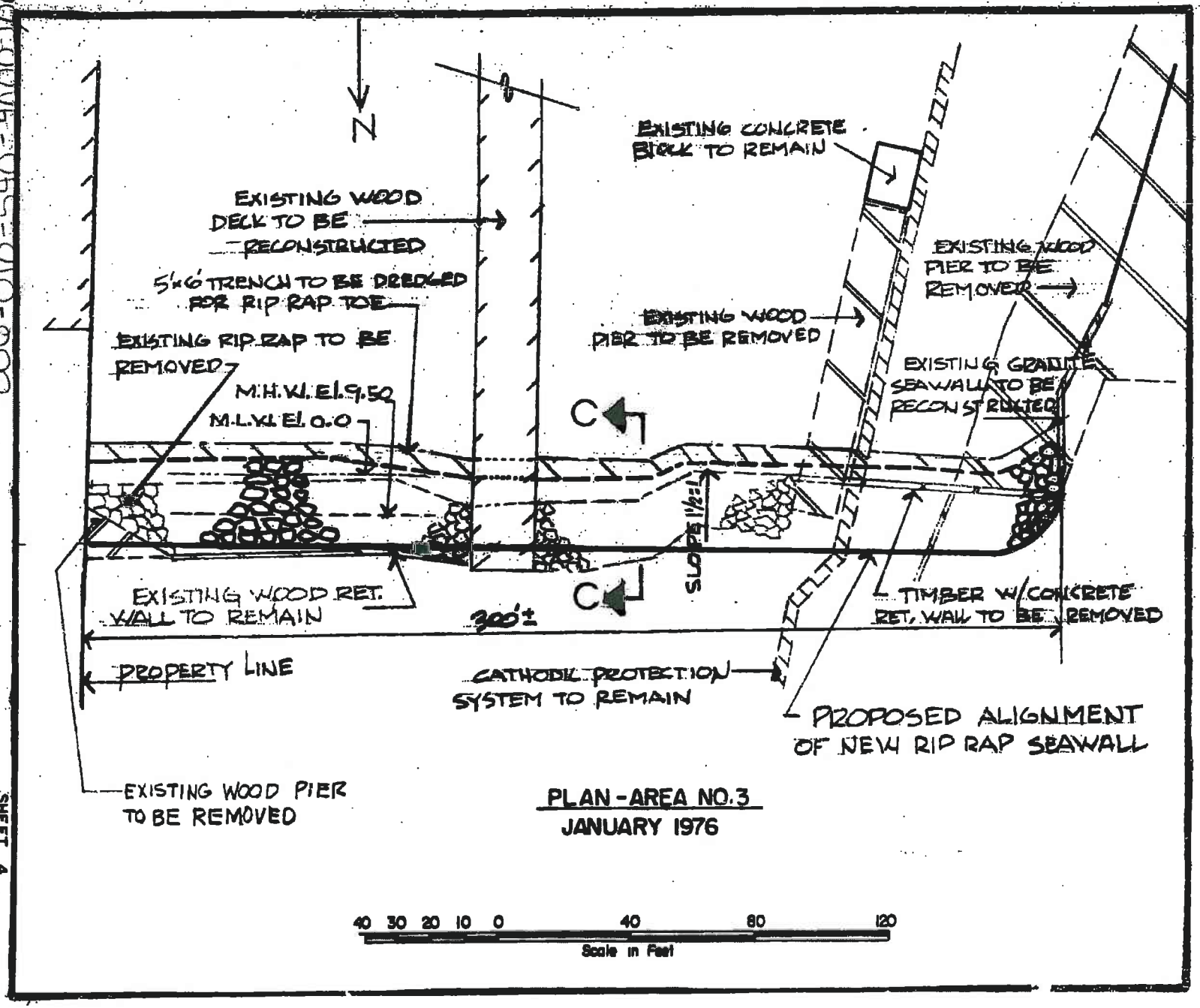
172 0218



PLAN-AREA NO.2
JANUARY 1976

SHEET 3

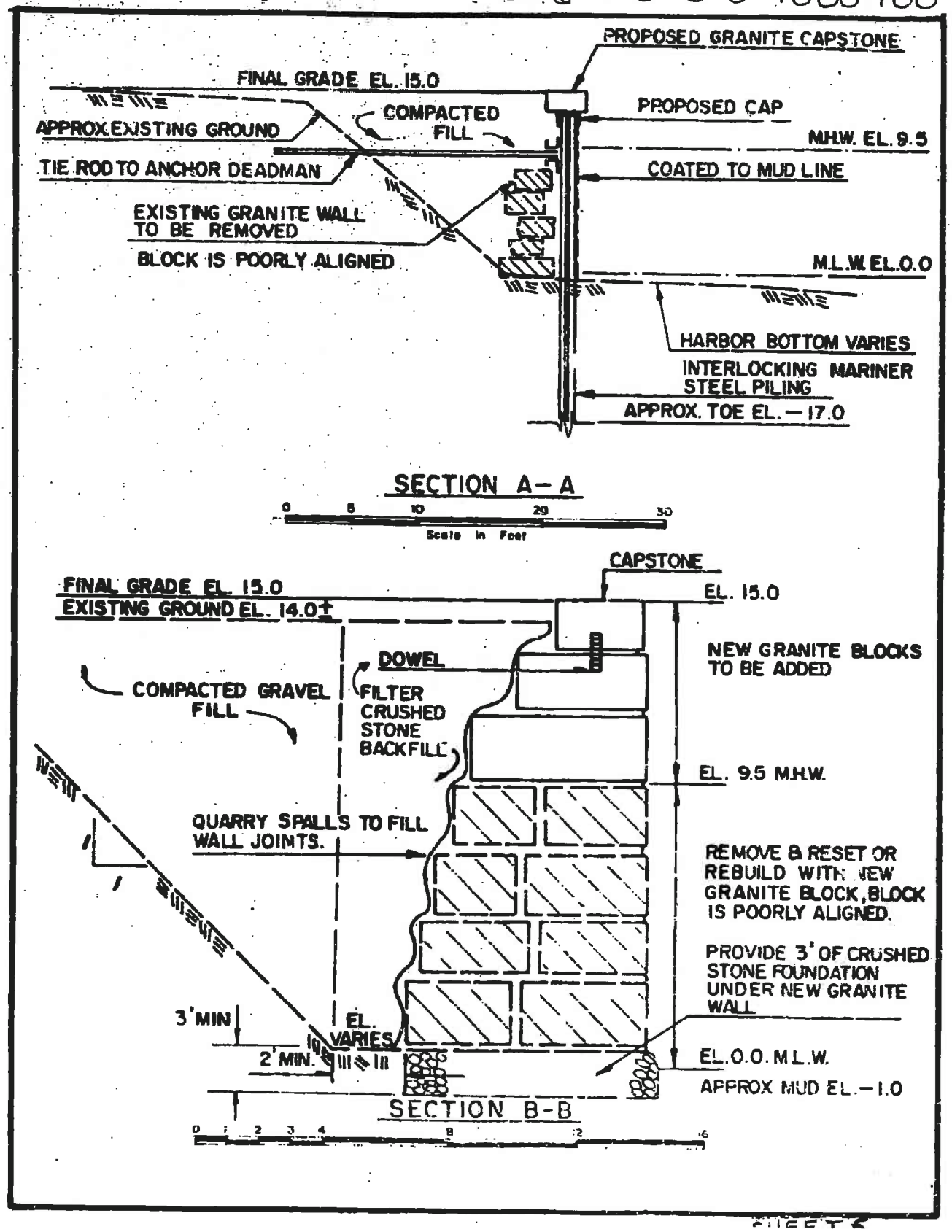
006-010-540-4AD-100



PLAN - AREA NO. 3
JANUARY 1976

SHEET 4

0006-010-540-4000-100



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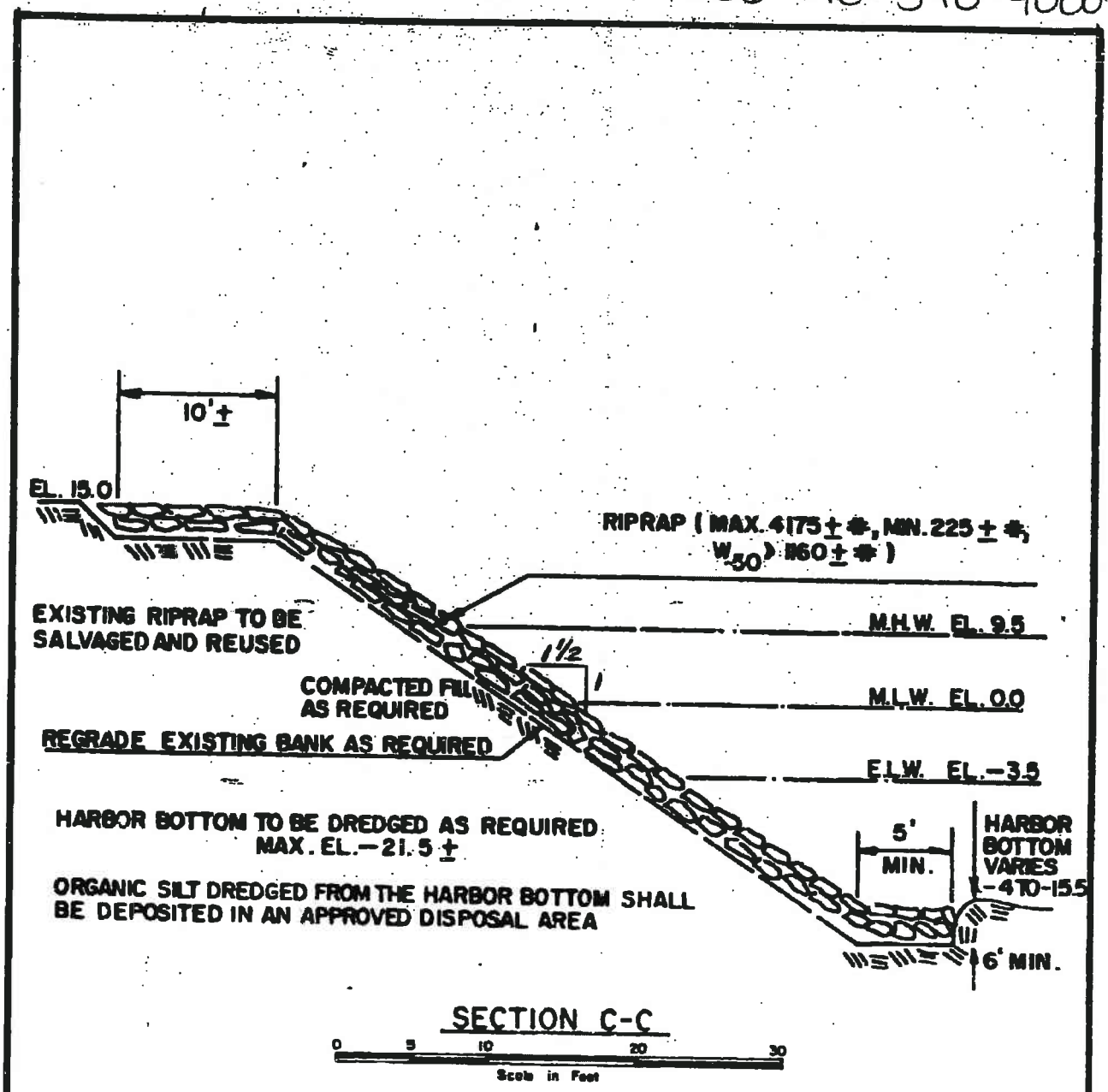
SHEET 8

006-010-540-4000-100



SECTION C-C

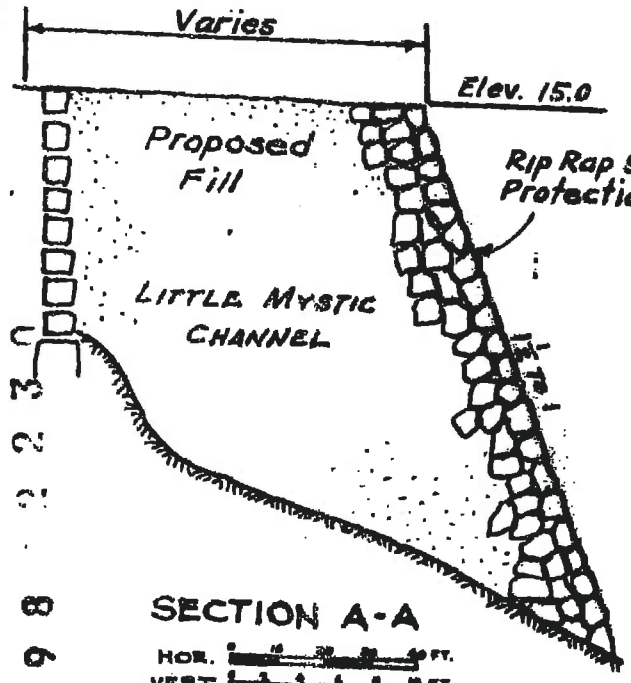
0 5 10 20 30

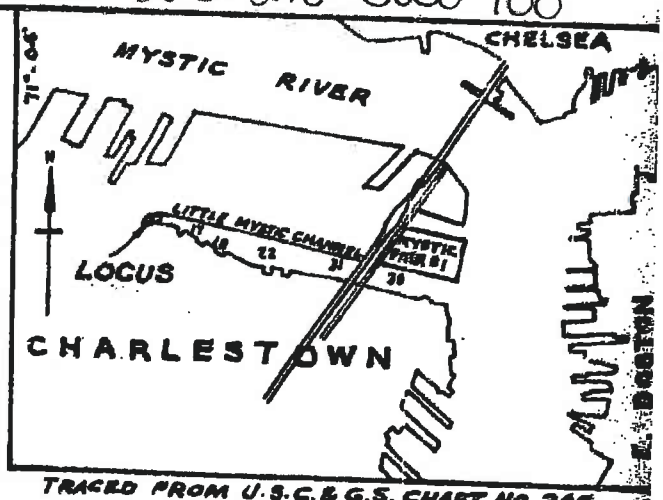
Scale in Feet

172 0221

0 9 1 2 3 3 MAR 2 9 2 54

006-020-273-5000-100

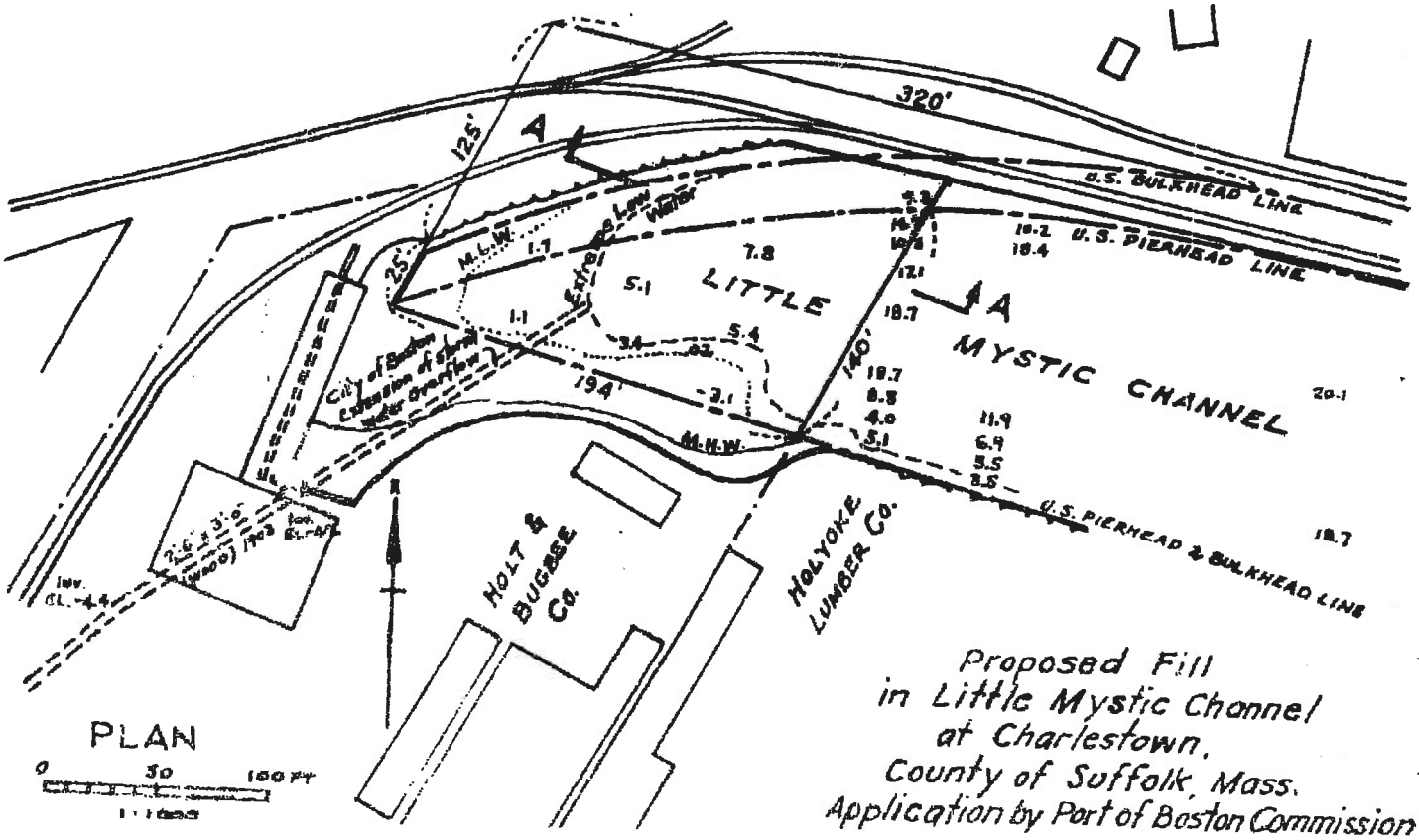




LOCATION PLAN

SCALE 1:25000

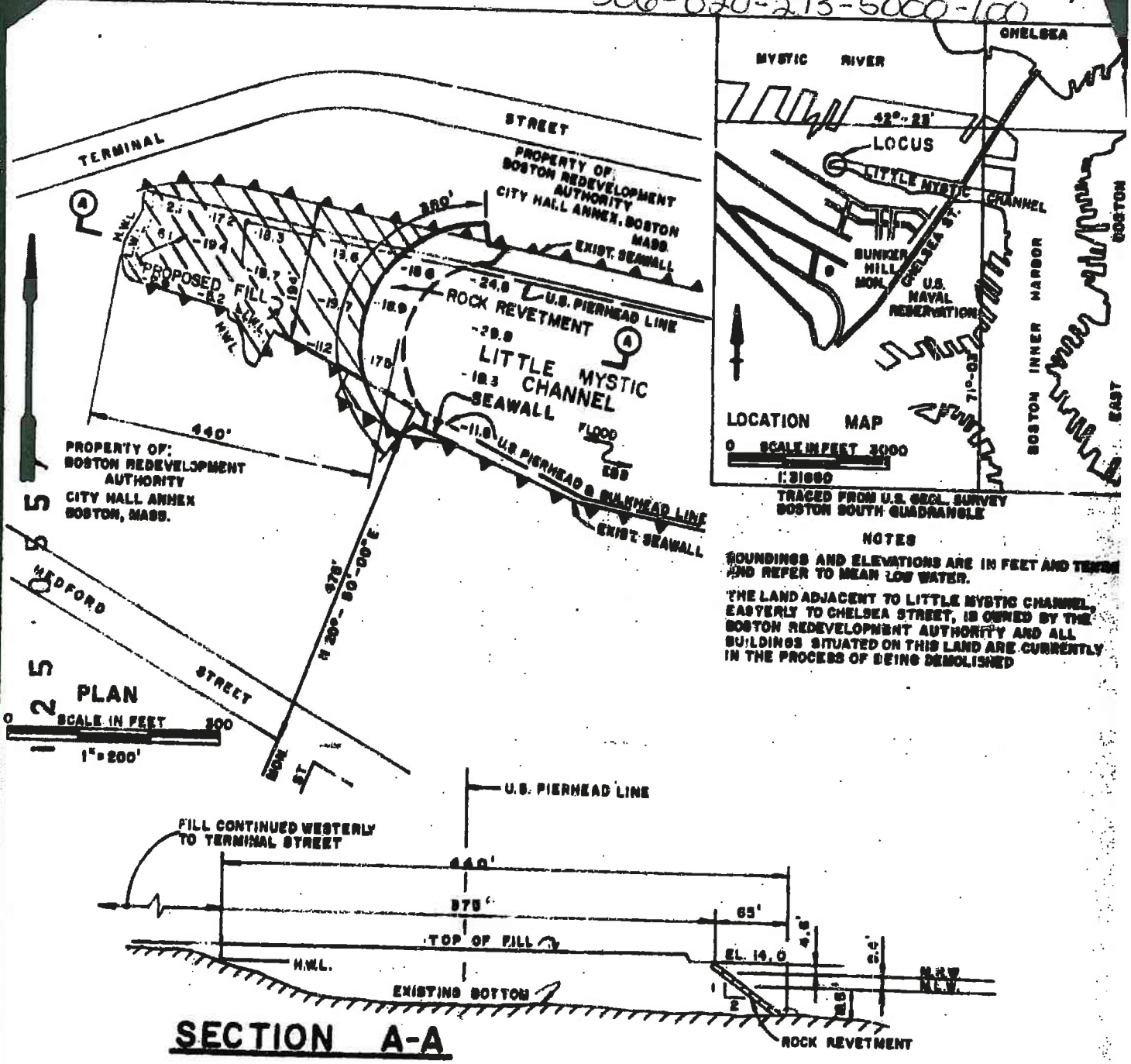
Soundings (5.1) and Elevations (-3.1) are in feet and tenths and refer to Mean Low Water



Proposed Fill
in Little Mystic Channel
at Charlestown,
County of Suffolk, Mass.
Application by Port of Boston Commission

0 6 3 0 4 4 3 Chan. R-39.

206-020-273-5000-100



SECTION A-A

SCALE IN FEET 200
1" = 100'

NOTES

SOUNDINGS AND ELEVATIONS ARE IN FEET AND REFER TO MEAN LOW WATER.

THE LAND ADJACENT TO LITTLE MYSTIC CHANNEL, EASTERLY TO CHELSEA STREET, IS OWNED BY THE BOSTON REDEVELOPMENT AUTHORITY AND ALL BUILDINGS SITUATED ON THIS LAND ARE CURRENTLY IN THE PROCESS OF BEING DEMOLISHED

COMMONWEALTH OF MASSACHUSETTS
WILLIAM R. BLACKMAR
No. 6819
REGISTERED PROFESSIONAL ENGINEER

PROPOSED SEAWALL, ROCK REVETMENT & FILL IN LITTLE MYSTIC CHANNEL AT CHARLESTOWN

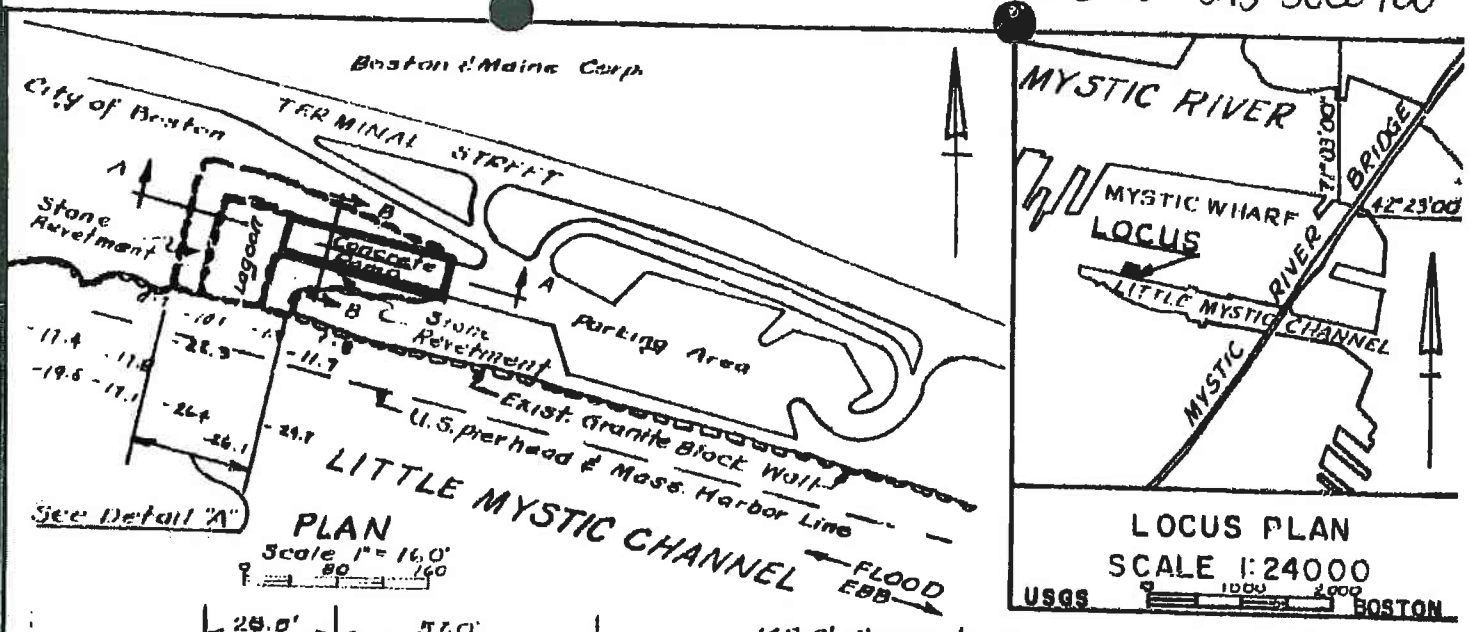
COUNTY OF SUFFOLK, STATE OF MASSACHUSETTS

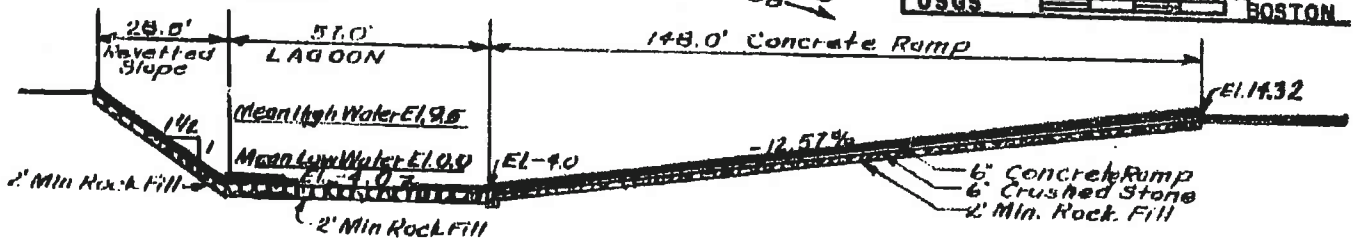
APPLICATION BY BOSTON REDEVELOPMENT AUTHORITY

APRIL 1968 DATE

0 4 5 2 0 0 2

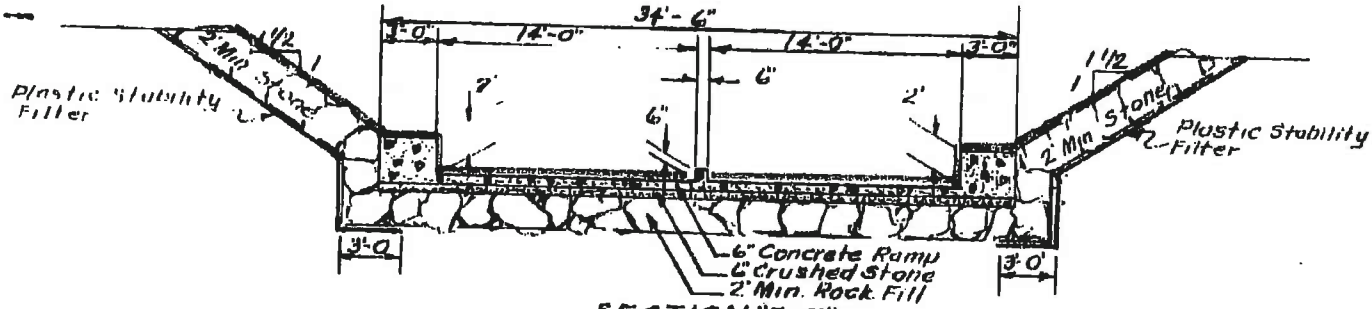
006-020-273-5000-100





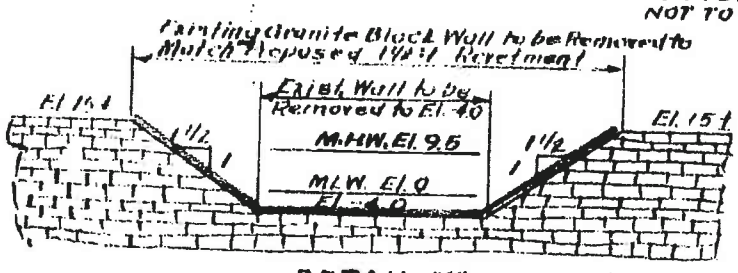
SECTION "A-A"

Scale 1" 40'



SECTION "B-B"

NOT TO SCALE



DETAIL "A"

ENTRANCE TO LAGOON

NOT TO SCALE

Elevations are in feet and refer to the plane of Mean Low Water. Minus figures indicate depths below the plane.

Locations of Proposed Work shown in Red

PROPOSED ACCESS RAMP AND FACILITIES

LITTLE MYSTIC CHANNEL

CHARLESTOWN SECTION

BOSTON MASS.

APPLICATION BY

DEPARTMENT OF PUBLIC WORKS OF MASSACHUSETTS

DIVISION OF WATERWAYS

FEBRUARY 1972

Fred C. Schwelm

DEPUTY CHIEF ENGINEER — WATERWAYS

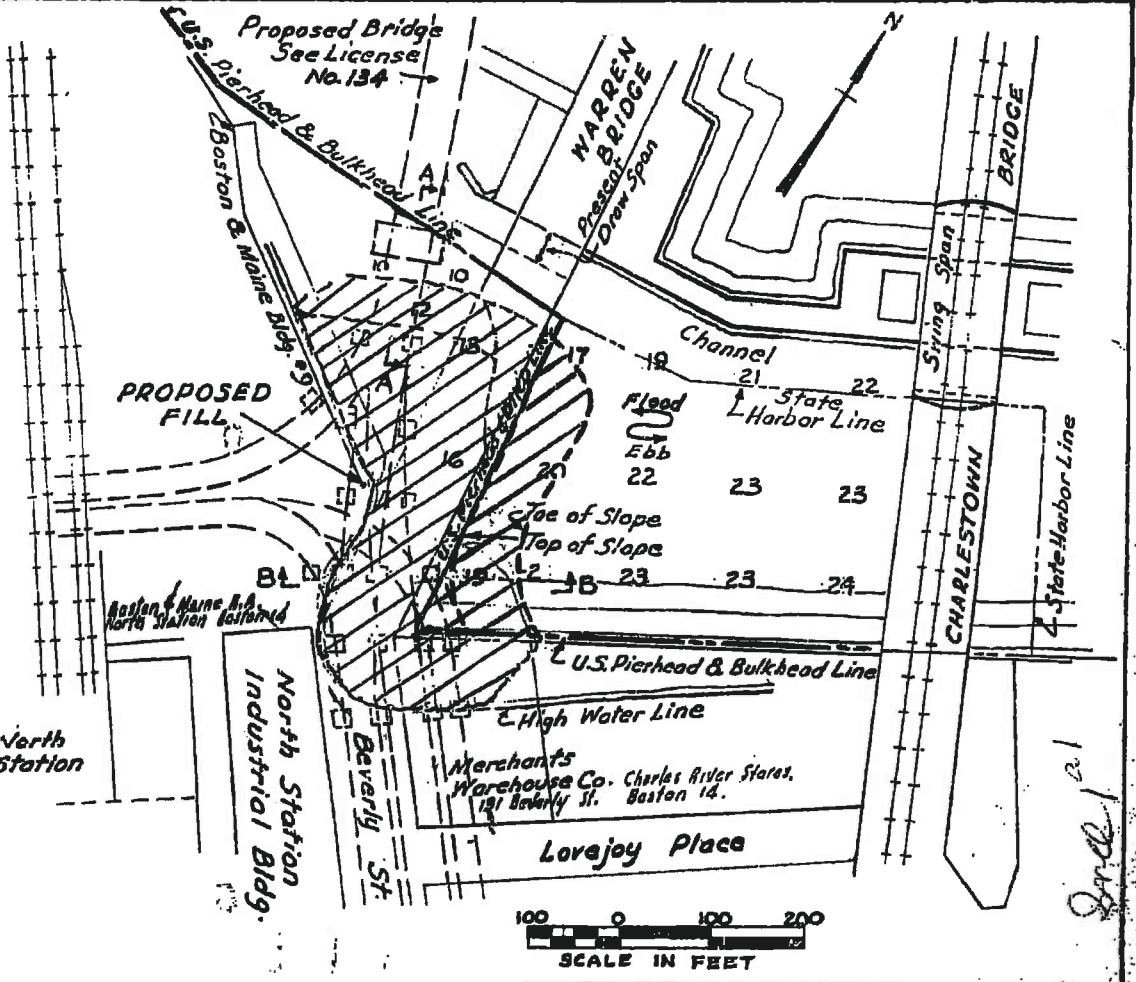
095 0548

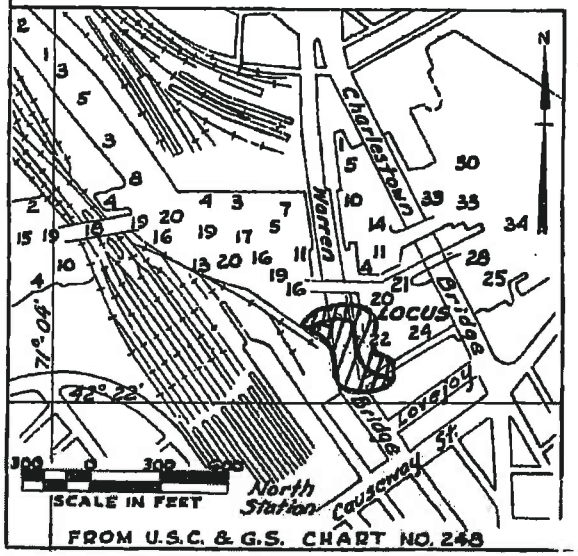
NOTES:

Soundings are in feet and refer to Mean Low Water and are shown thus, 15

Elevations refer to Mean Low Water and are shown thus, +15

For Sections A-A & B-B refer to Sheet No. 2 of 2





FROM U.S.C. & G.S. CHART NO. 248

Proposed fill required for Boston Central Artery construction.

PLAN ACCOMPANYING PETITION OF THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS TO PLACE FILL IN THE CHARLES RIVER NEAR WARREN BRIDGE

BOSTON, MASS. MARCH 1951

J. C. Rennilson
ACTING BRIDGE ENGINEER

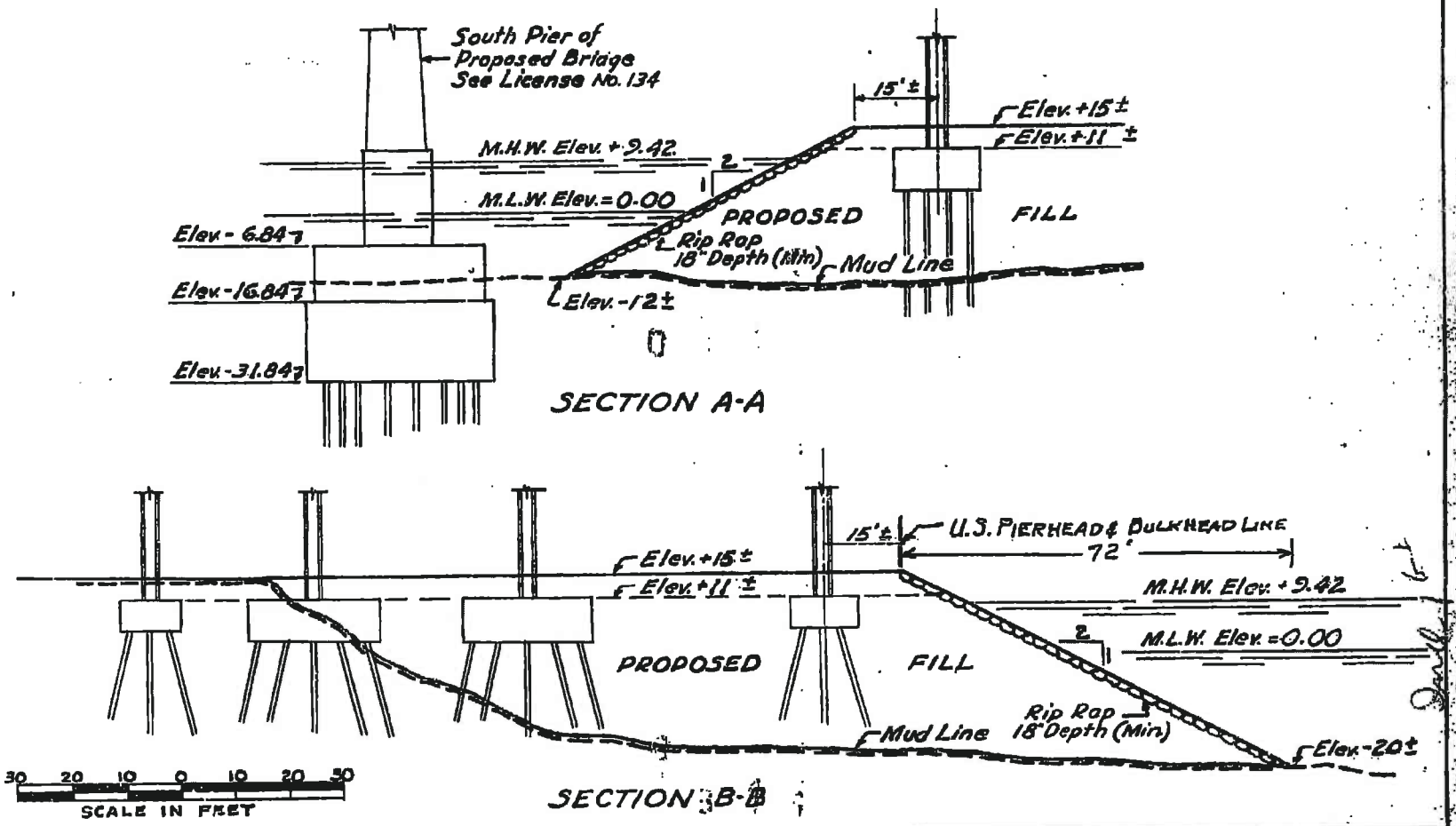
P. J. Kelley
CHIEF ENGINEER

SHEET 1 OF 2 SHEETS

6 2 0 960

006-020-358-6000-300

095 0549



PLAN ACCOMPANYING PETITION OF THE COMMONWEALTH OF MASSACHUSETTS DEPARTMENT OF PUBLIC WORKS, TO PLACE FILL IN THE CHARLES RIVER NEAR WARREN BRIDGE

BOSTON, MASS. MARCH 1951

J. B. Rendler
ACTING BRIDGE ENGINEER

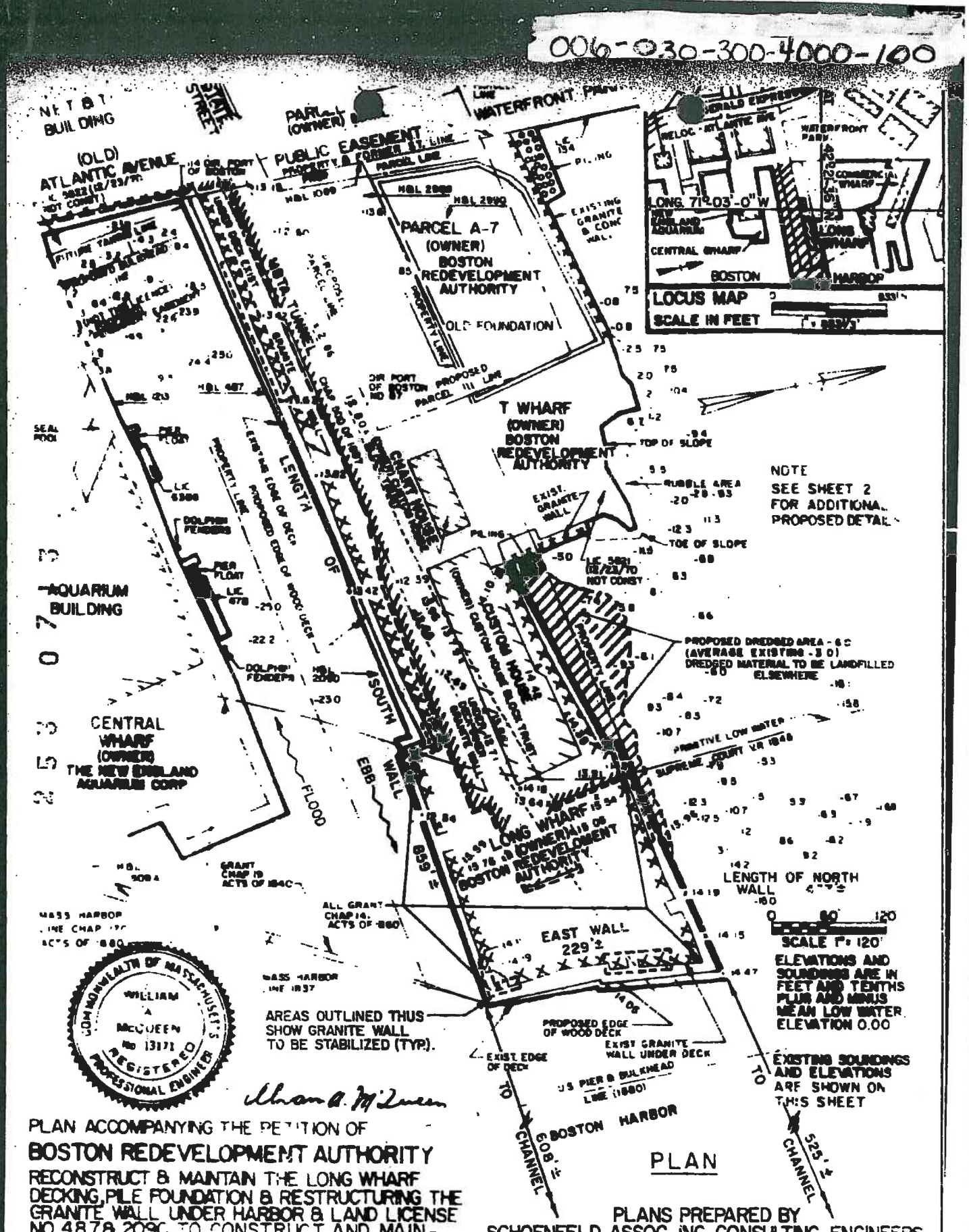
D. H. Cogswell
CHIEF ENGINEER

960

SHEET 2 OF 2 SHEETS

006-020-358-6000-300

006-030-300-4000-100



PLAN ACCOMPANYING THE PETITION OF

BOSTON REDEVELOPMENT AUTHORITY

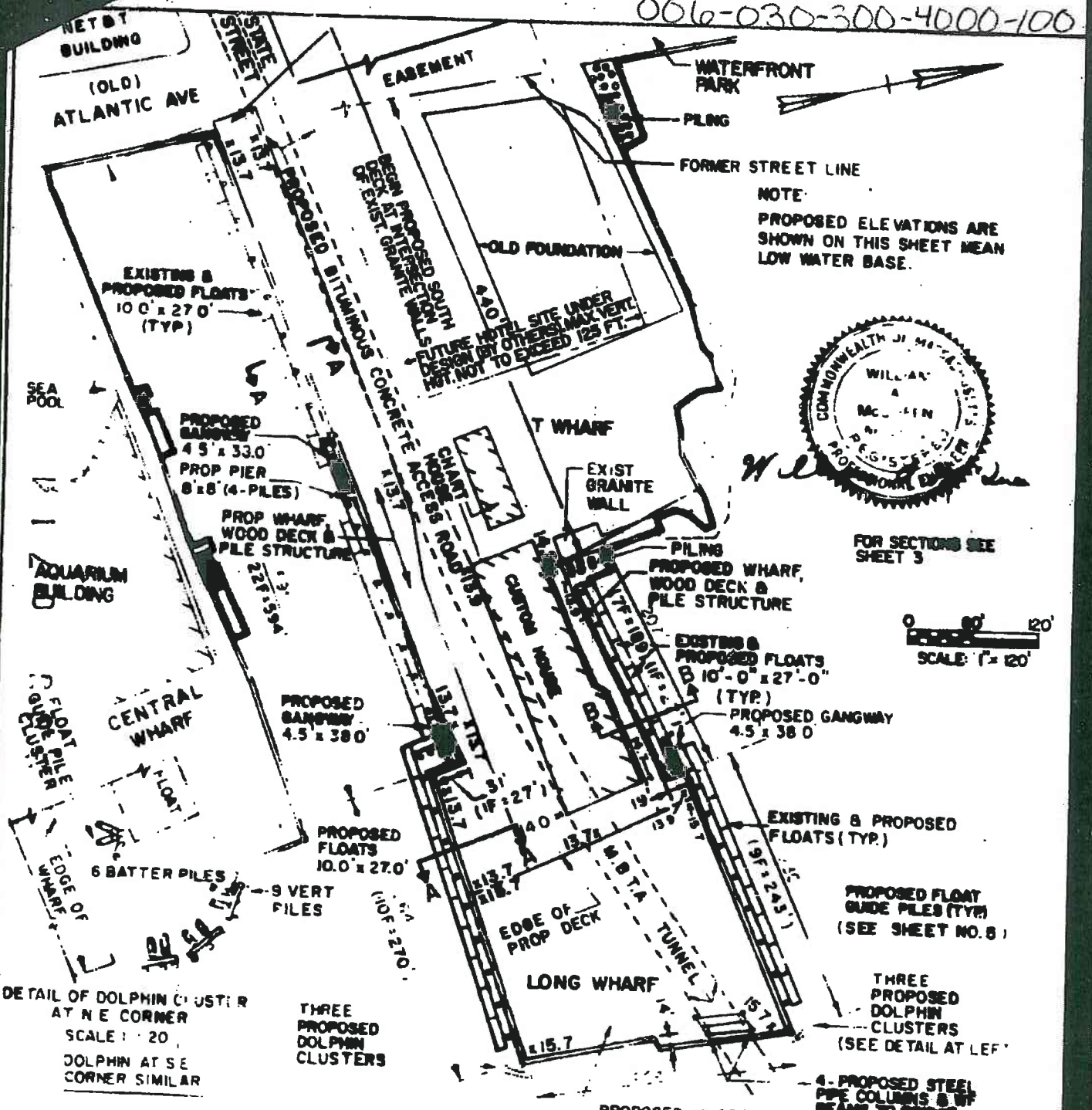
RECONSTRUCT & MAINTAIN THE LONG WHARF DECKING, PILE FOUNDATION & RESTRUCTURING THE GRANITE WALL UNDER HARBOR & LAND LICENSE NO 4878 209C TO CONSTRUCT AND MAINTAIN SIX DOLPHINS PIERS, RAMPS, FLOATS AND TO DREDGE ALONG LONG WHARF BOSTON INNER HARBOR SUFFOLK COUNTY, MASS.

PLAN

PLANS PREPARED BY
SCHOENFELD ASSOC., INC. CONSULTING ENGINEERS
210 SOUTH ST. BOSTON, MASSACHUSETTS

SHEET OF 3

006-030-300-4000-100



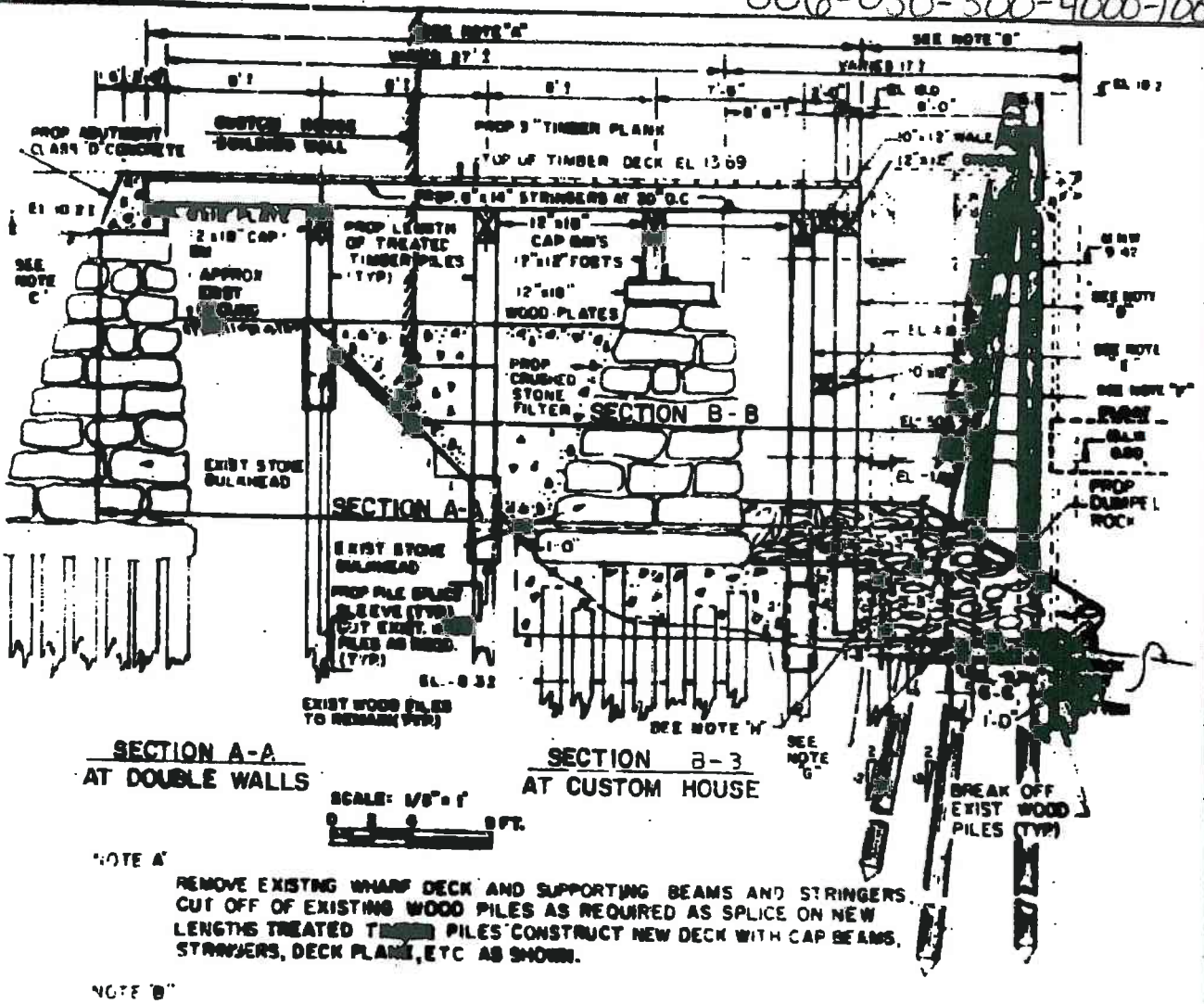
LOCATION	SIZE OF FLOATS	NO OF FLOATS	NO OF GUIDE PILE CLUSTERS	NO OF DOLPHINS PILE CLUSTERS
NORTH SIDE	10' x 27'	5	4	3
SOUTH SIDE	10' x 27'	33	28	3

EACH GUIDE PILE CLUSTER HAS 1 VERT & 3 BATTER PILES
EACH DOLPHIN PILE CLUSTER HAS 3 VERT & 2 BATTER PILES
TOTAL NO OF PILES 252

PLAN

SHOWING RECONSTRUCTED DECK AREA, PROPOSED DOLPHINS, PIERS, RAMP AND FLOATS.

0016-030-300-4000-100



SECTION A-A
AT DOUBLE WALLS

SECTION B-B
AT CUSTOM HOUSE

SCALE: 1/8"=1'

0 2 4 8 FT.

NOTE A"

REMOVE EXISTING WHARF DECK AND SUPPORTING BEAMS AND STRINGERS. CUT OFF OF EXISTING WOOD PILES AS REQUIRED AS SPLICE ON NEW LENGTHS TREATED TIMBER PILES CONSTRUCT NEW DECK WITH CAP BEAMS, STRINGERS, DECK PLANK, ETC AS SHOWN.

NOTE "B"

REMOVE EXISTING WHARF CONSTRUCTION CUT OFF EXISTING WOOD PILES AT MUD LINE AND REMOVE

NOTE "C"

REMOVE STONE AS REQUIRED FROM TOP OF EXISTING BULKHEAD REBUILD TO A LEVEL TOP ELEVATION 10.2 ±

NOTE "D"

PROPOSED TREATED TIMBER FASCIA PILES AT 5'±O.C., PRIOR TO PUMPING CONCRETE FOOT ING

NOTE E

PROPOSED LENGTH OF TREATED TIMBER PILES, PILES AND SPLICES TO BE CUT AS REQUIRED PRIOR TO PUMPING CONCRETE FOOTING.

NOTE "F"

PROPOSED ROCK TO BE PLACED AFTER CONCRETE IN FOOTING HAS SET

NOTE G"

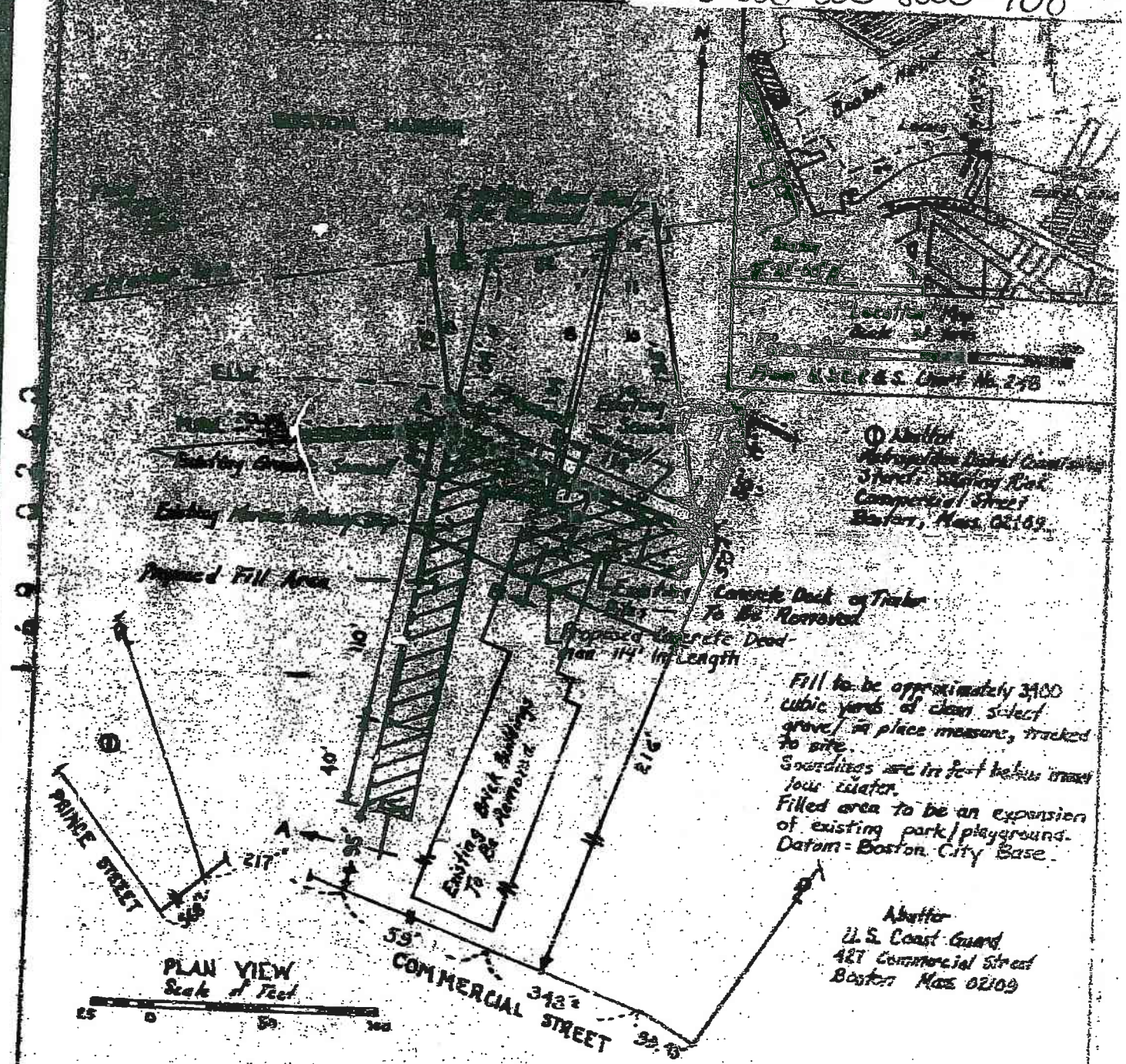
STEEL WIRE MESH BASKETS, GALVANIZED, WIRED TOGETHER AND FILLED WITH HAND-SIZED BOULDERS CONSTRUCT PRIOR TO PUMPING CONCRETE FOOTING

NOTE "W"

PROPOSED CLASS "D" CONCRETE TO BE PUMPED UNDER EXISTING BULKHEAD.

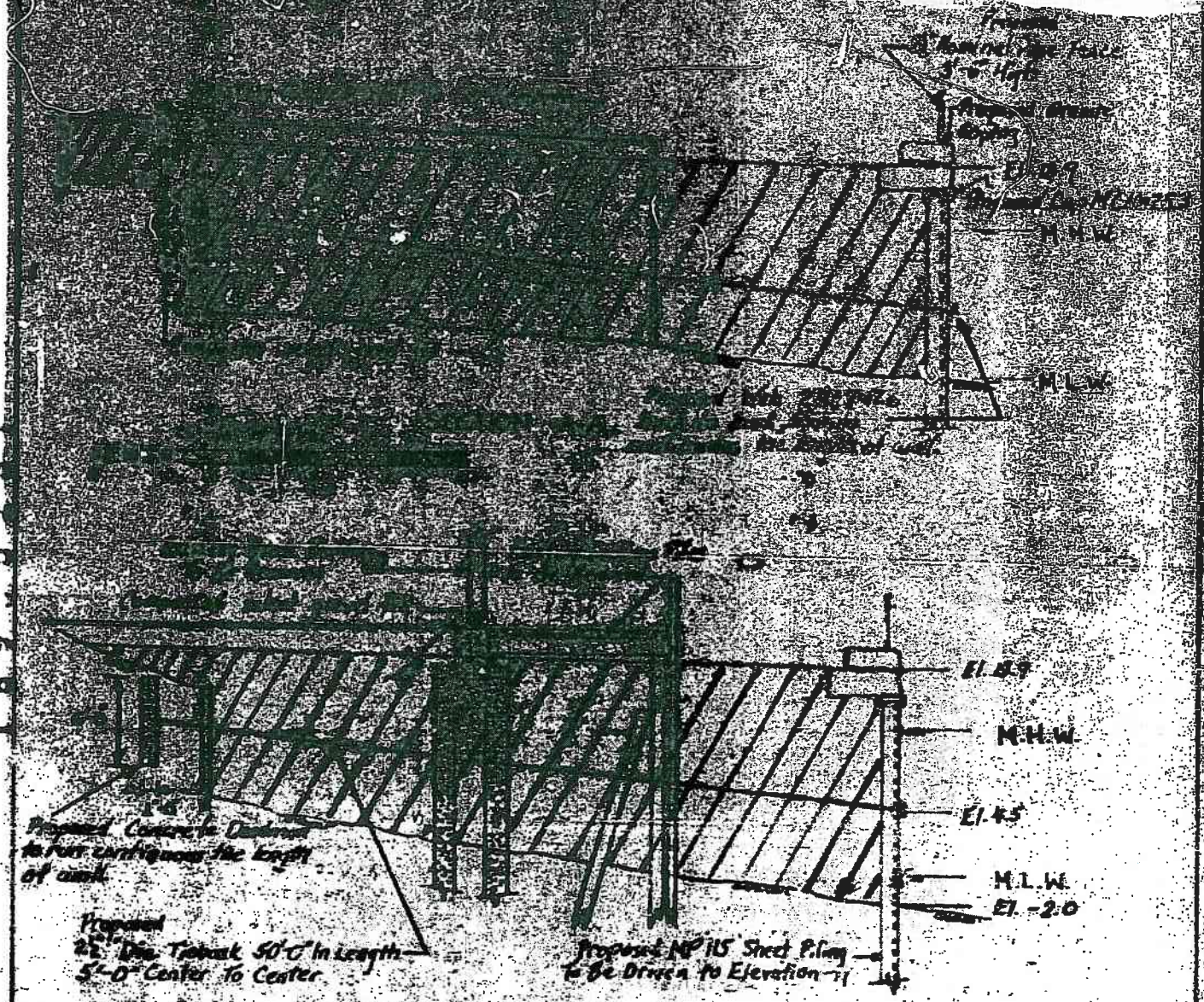
COMMONWEALTH OF MASSACHUSETTS
WILLIAM A. McQUEEN
No. 13971
REGISTERED PROFESSIONAL ENGINEER

006-030-305-8000-100



~~PROPOSED~~ SHEET PILE WALL & FILL
REMOVAL OF EXISTING STRUCTURES
IN BOSTON HARBOR
AT BOSTON, MASS.
COUNTY OF SUFFOLK STATE MASS.
APPLICATION BY CITY OF BOSTON
JUNE 1975

006-030-305-8000-100



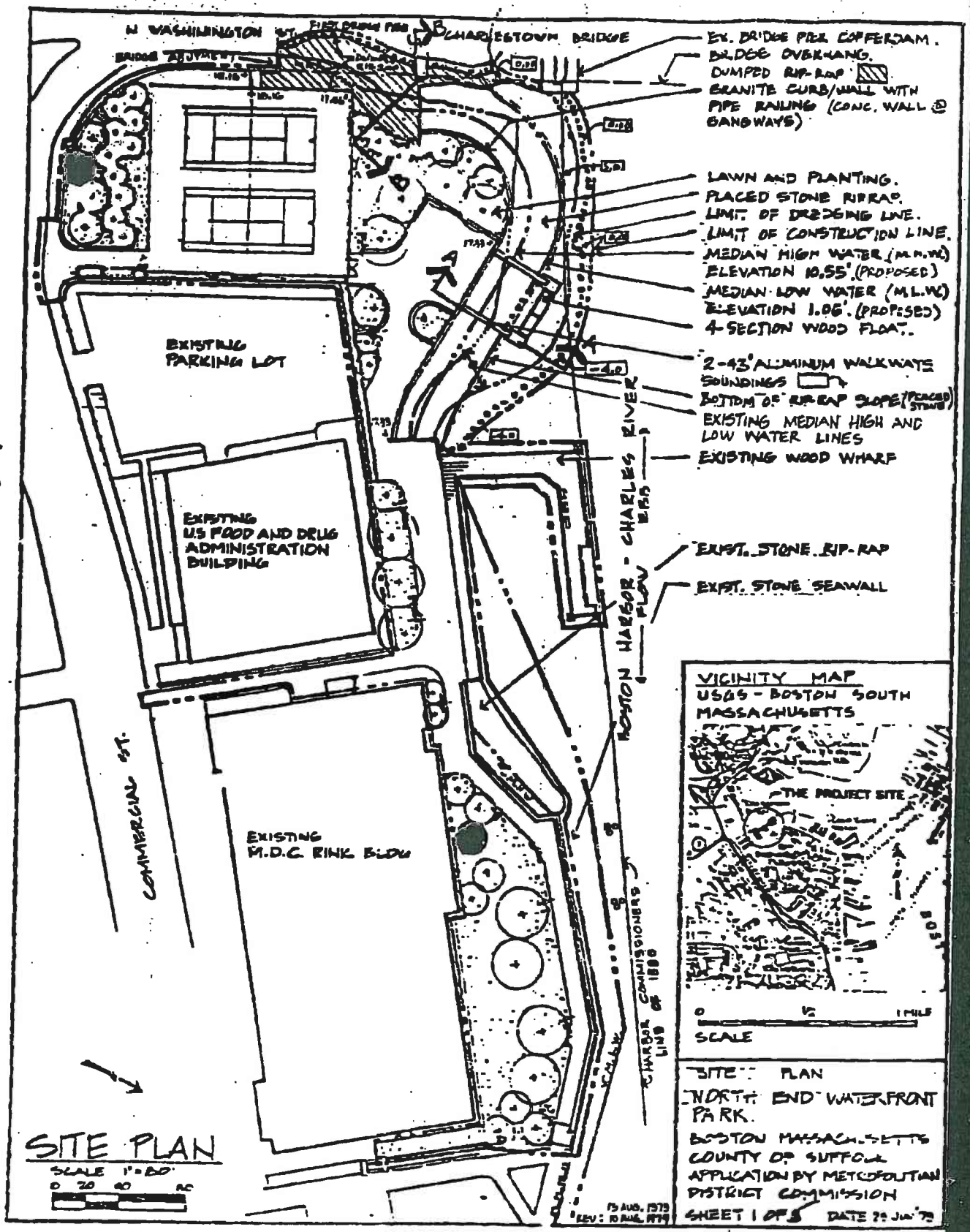
SECTION B-B

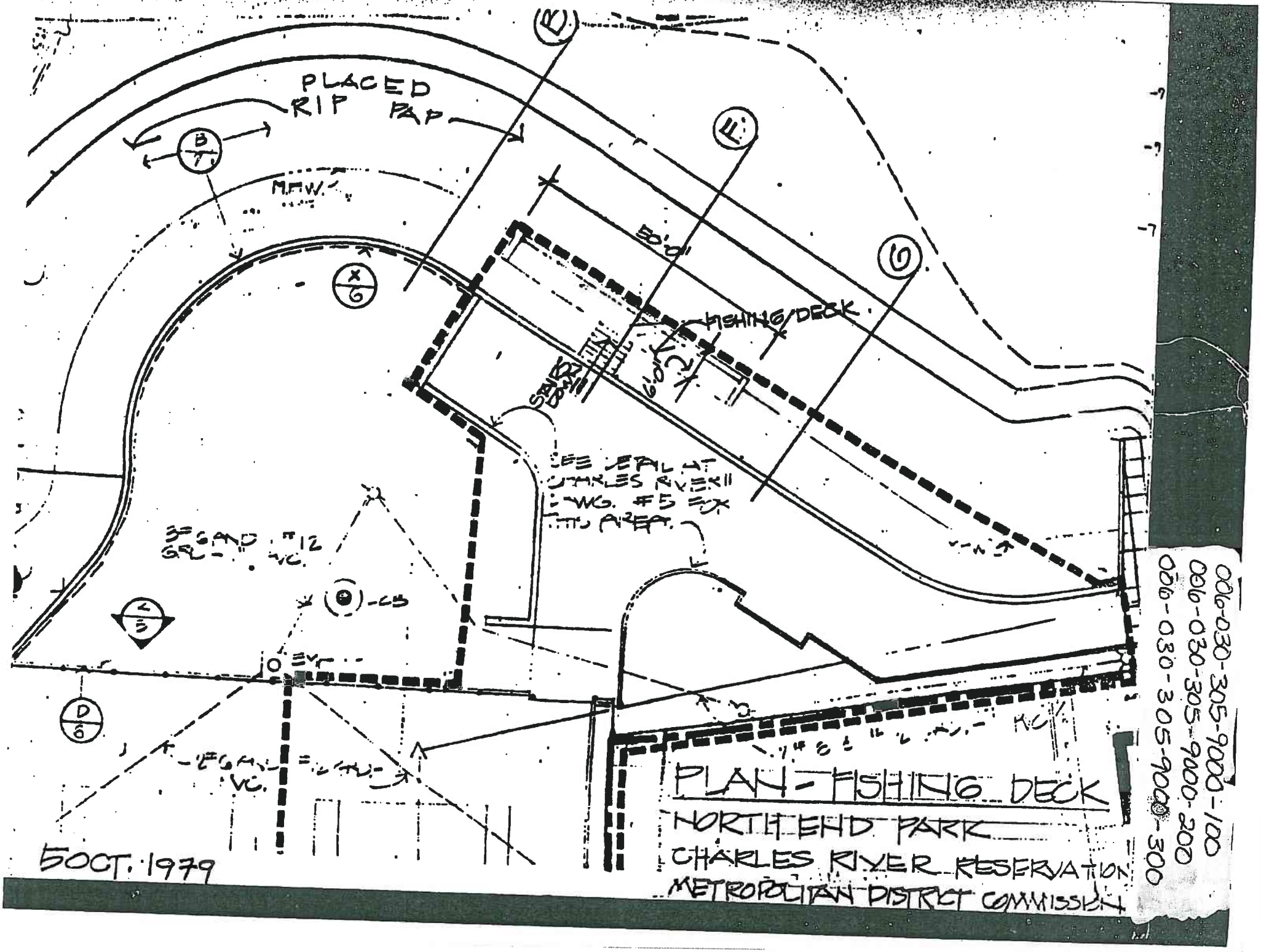
Scale of Feet

5 0 5 10 15 20

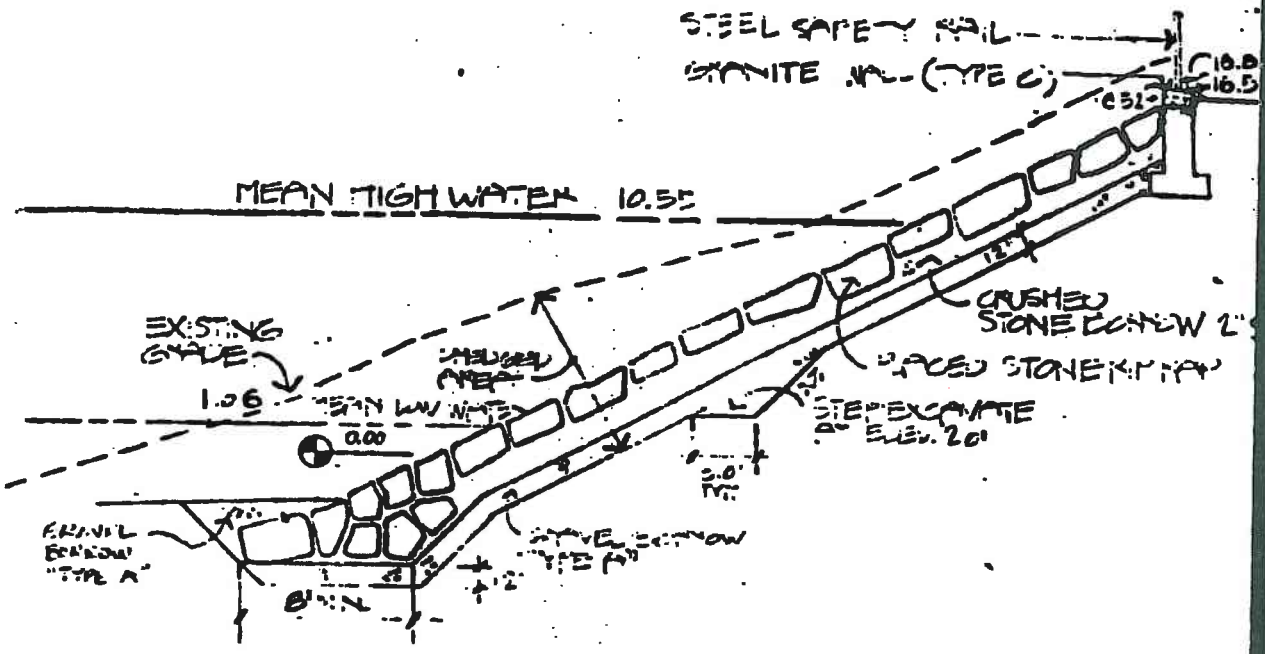
006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

2 4 5 0 5 0 9



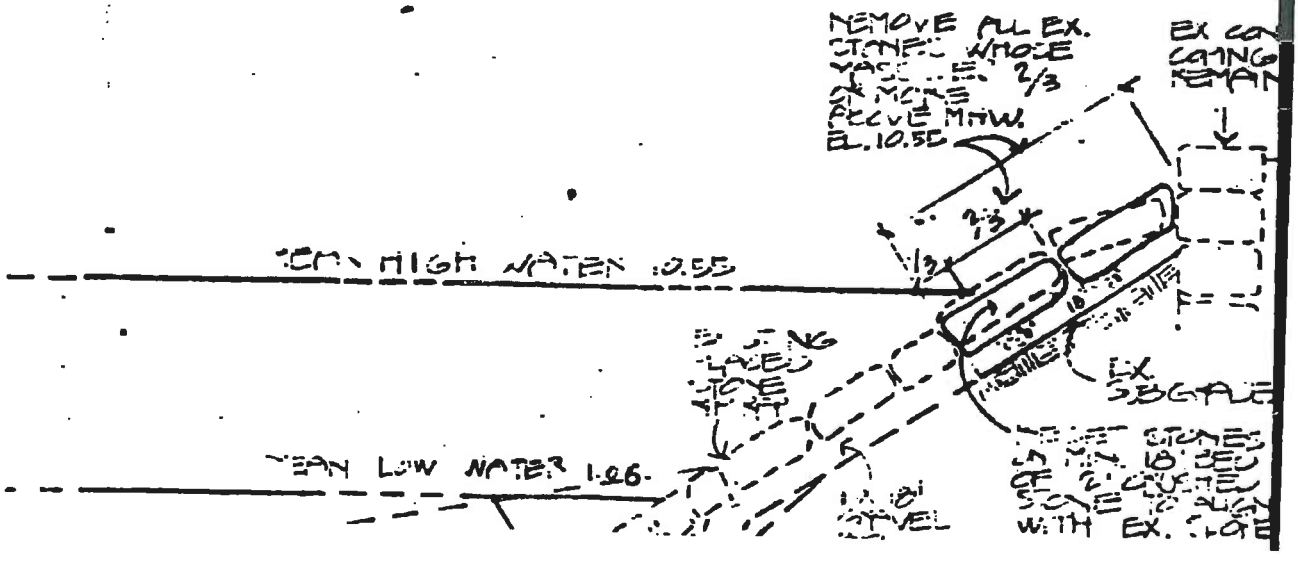

PLACED RIP RAP
MHW
50'±
FISHING DECK
SEE PLAT CHARLES RIVER II WG. #5 FOR FILL AREA
3" SAND 12" GRAVEL
PLAN - FISHING DECK
NORTH END PARK
CHARLES RIVER RESERVATION
METROPOLITAN DISTRICT COMMISSION
5 OCT. 1979
006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

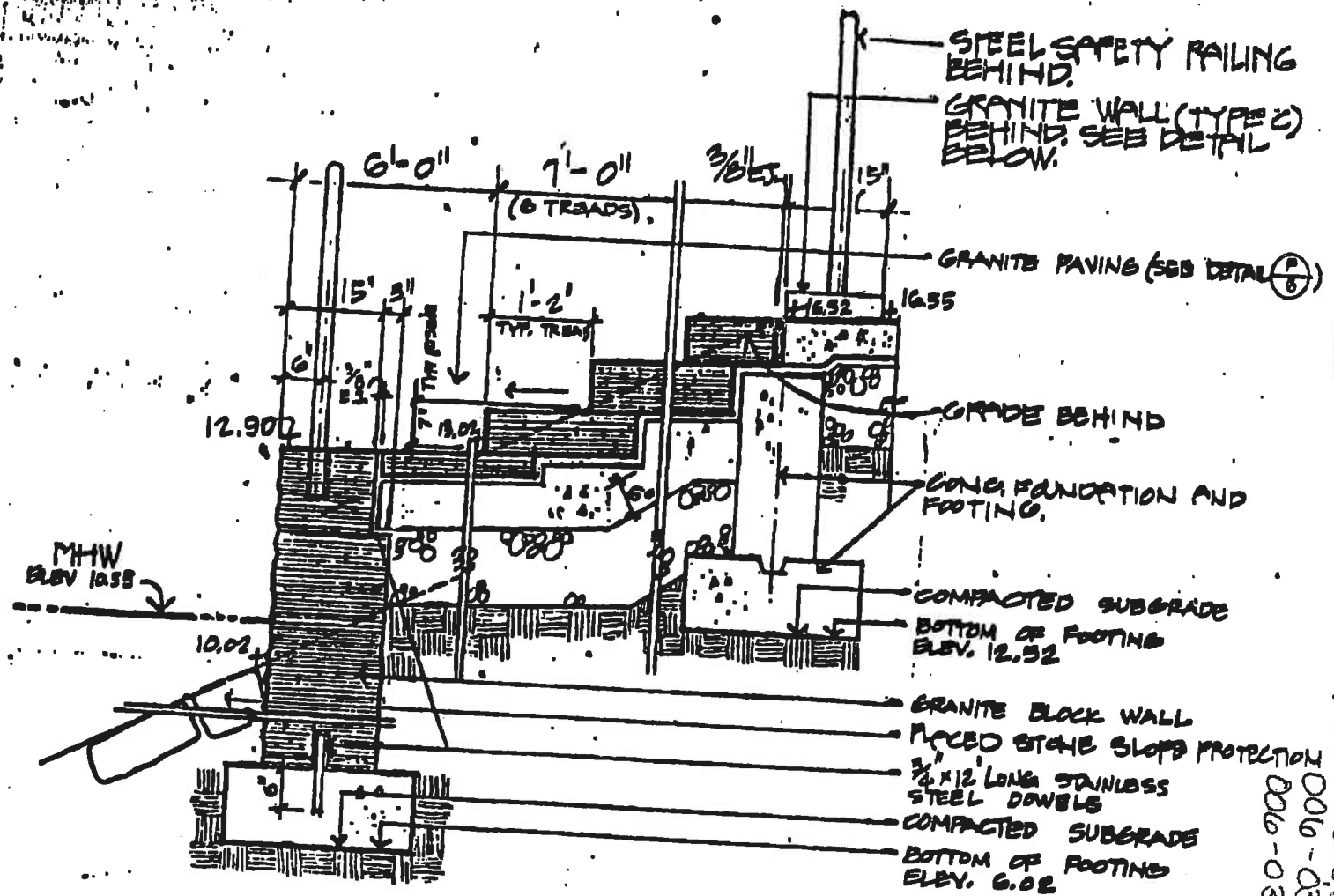


(B) PLACED RIPRAP PROTECTION

SCALE 1/4" = 1'-0"



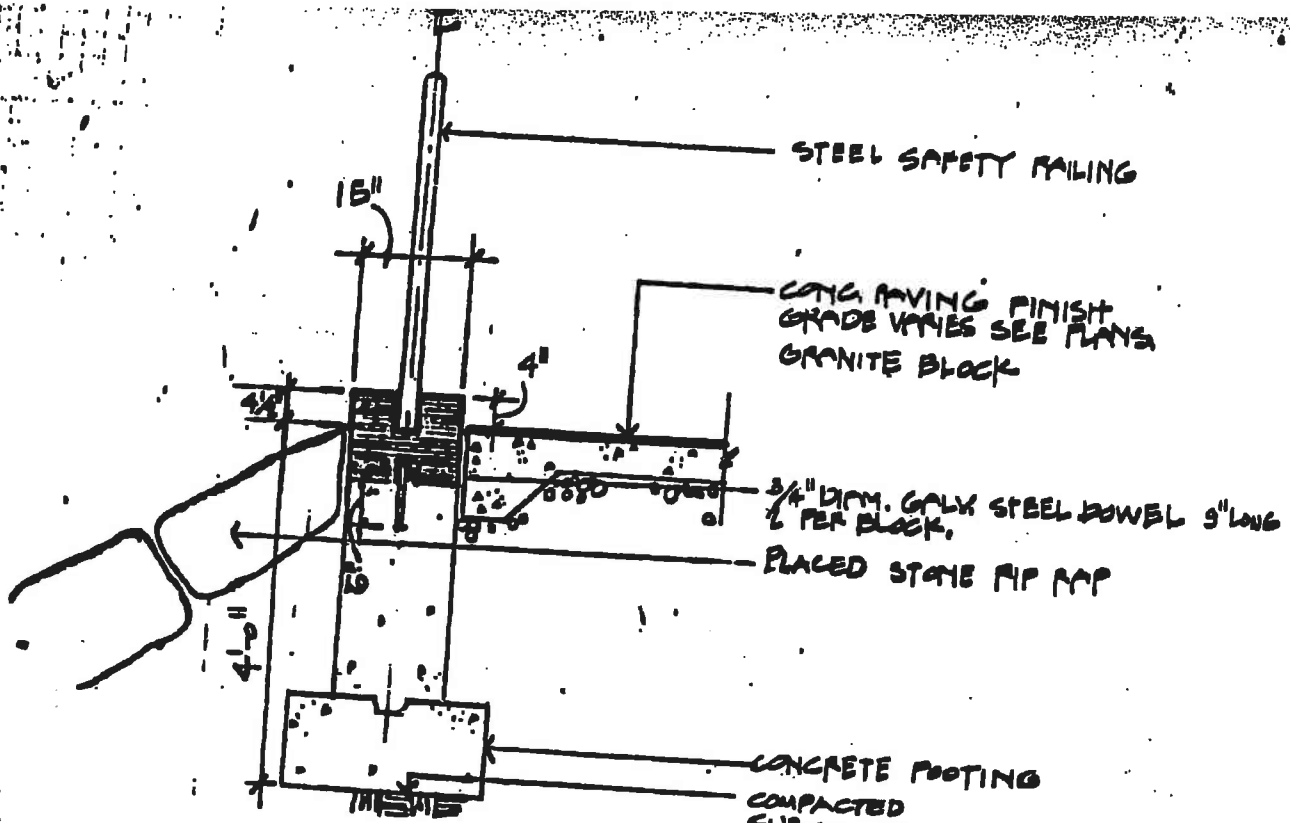
SCALE 1/4" = 1'-0"



F SECTION - FISHING FACILITY

SCALE : 1/2" = 1'-0"

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300



(G) GRANITE WALL (TYPE C)
SCALE 1/2" = 1'-0"

METROP

NORTH
BO

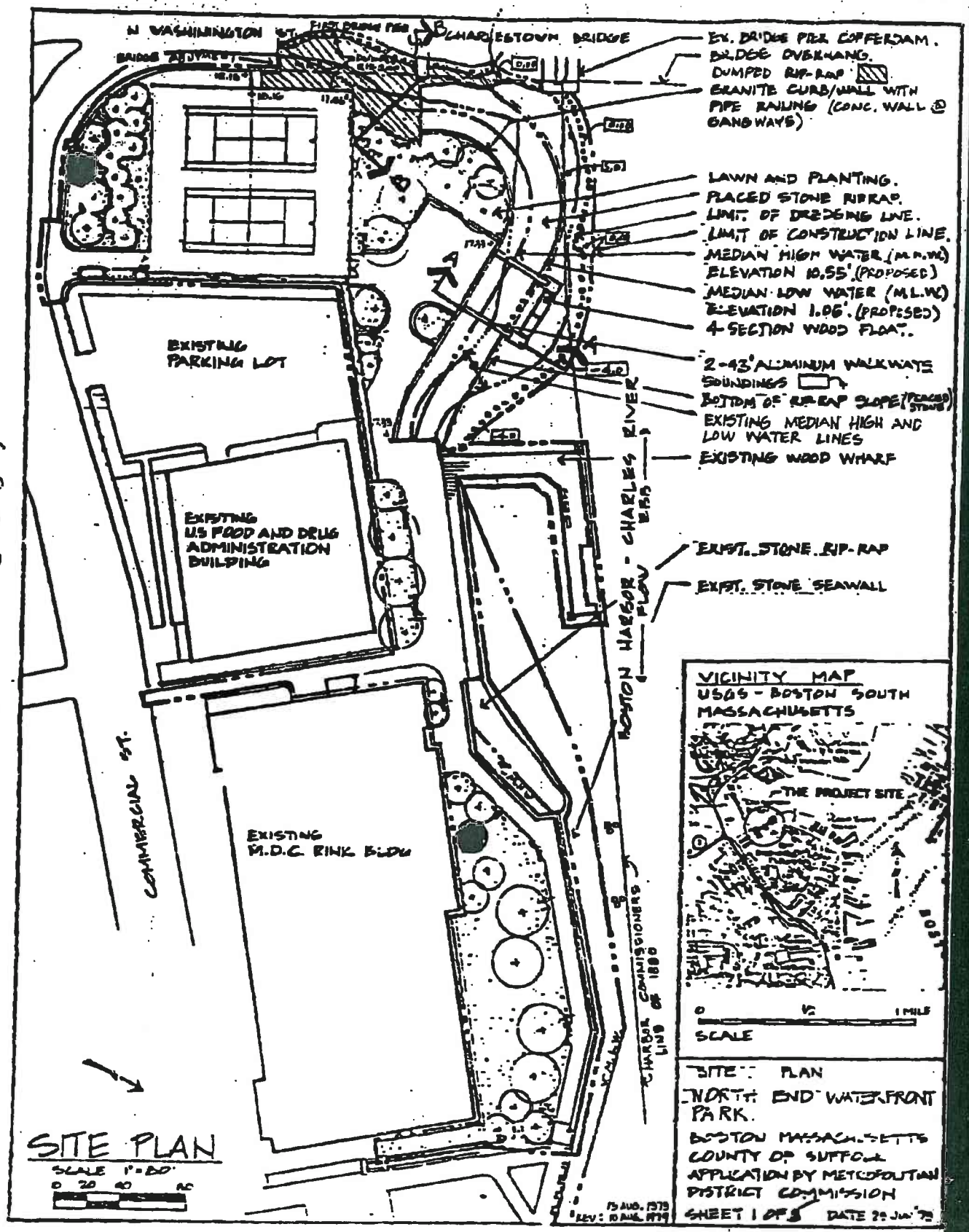
DESIGNED:
CHECKED :
DRAWN :
CHECKED :
REF.
ACC.

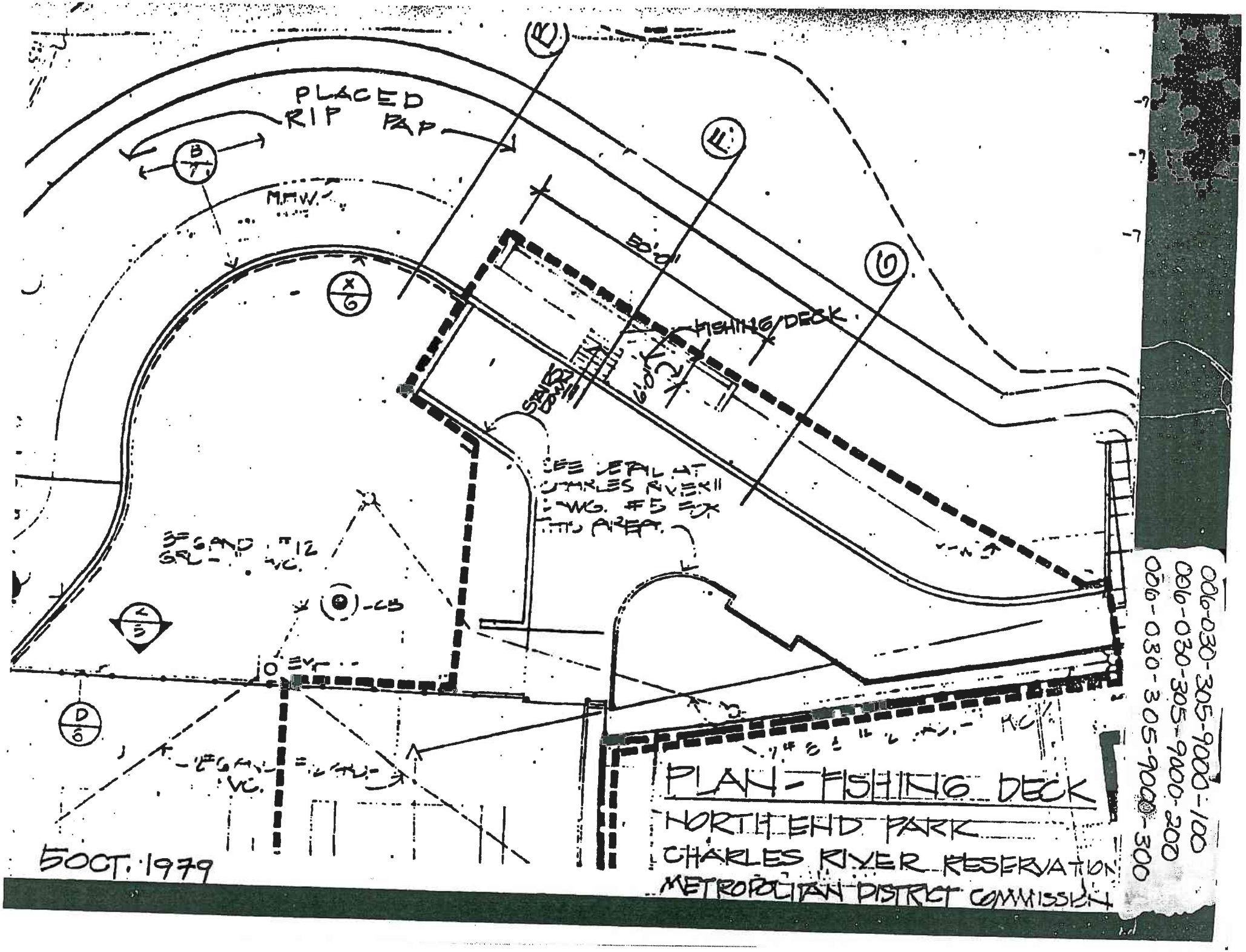
SHEPLEY BULFINCH RICHAI
ONE COURT STREET BOSTON MASSACHU

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

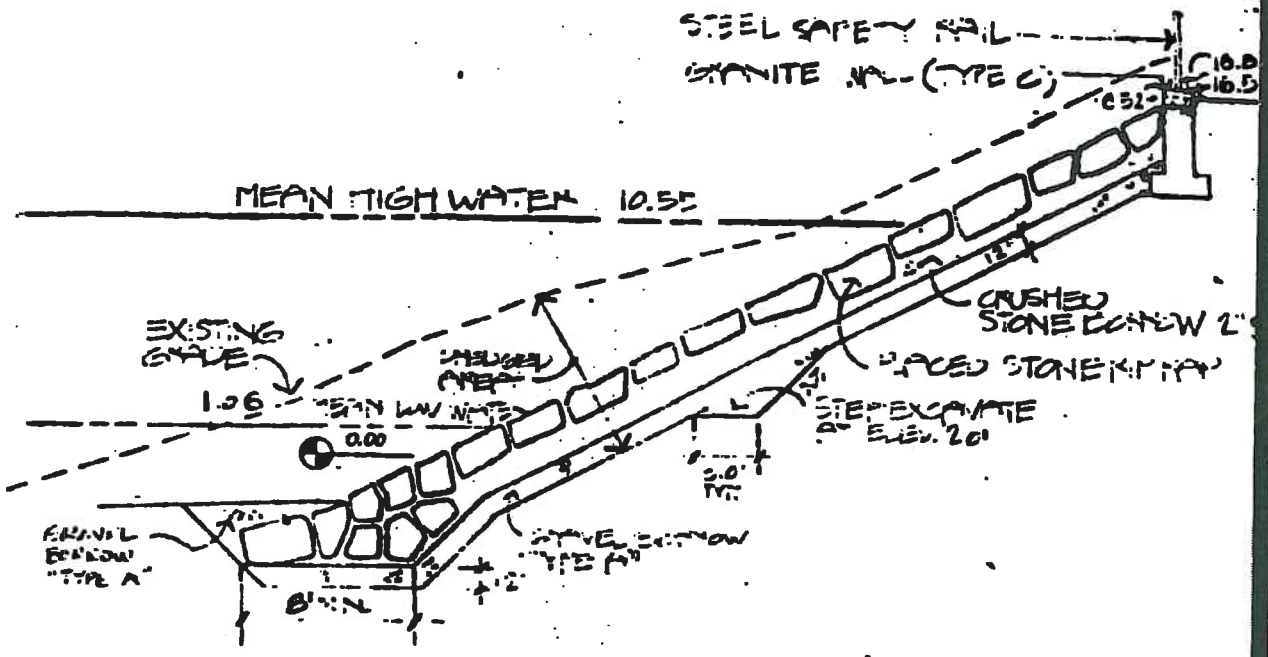
006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

245 0509

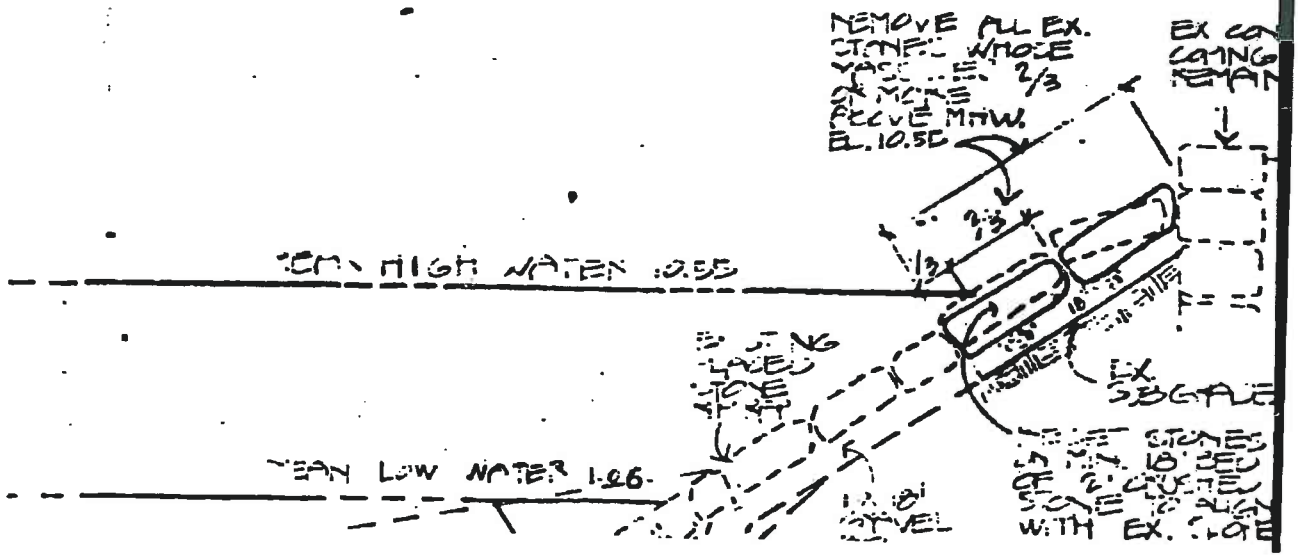



PLACED RIP RAP
M.H.W.
50'-0"
FISHING DECK
SAND BEACH
SEE PLAT CHARLES RIVER II W.G. #5 EX TTS AREA.
SAND
CONC.
O EVT.
PLAN - FISHING DECK
NORTH END PARK
CHARLES RIVER RESERVATION
METROPOLITAN DISTRICT COMMISSION
5 OCT. 1979
006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

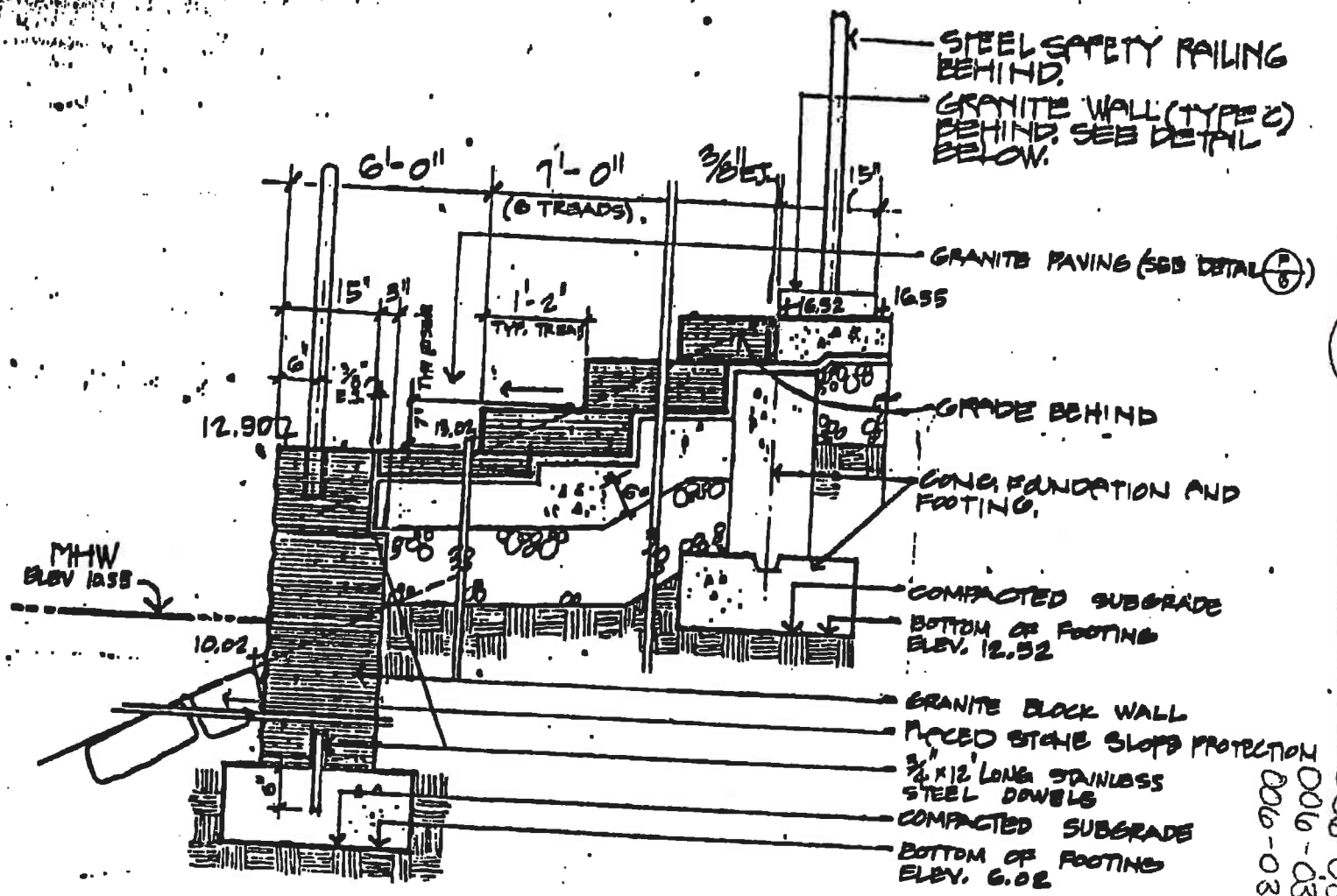
006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300



B PLACED RIP RAP PROTECTION
SCALE 1/8" = 1'-0"



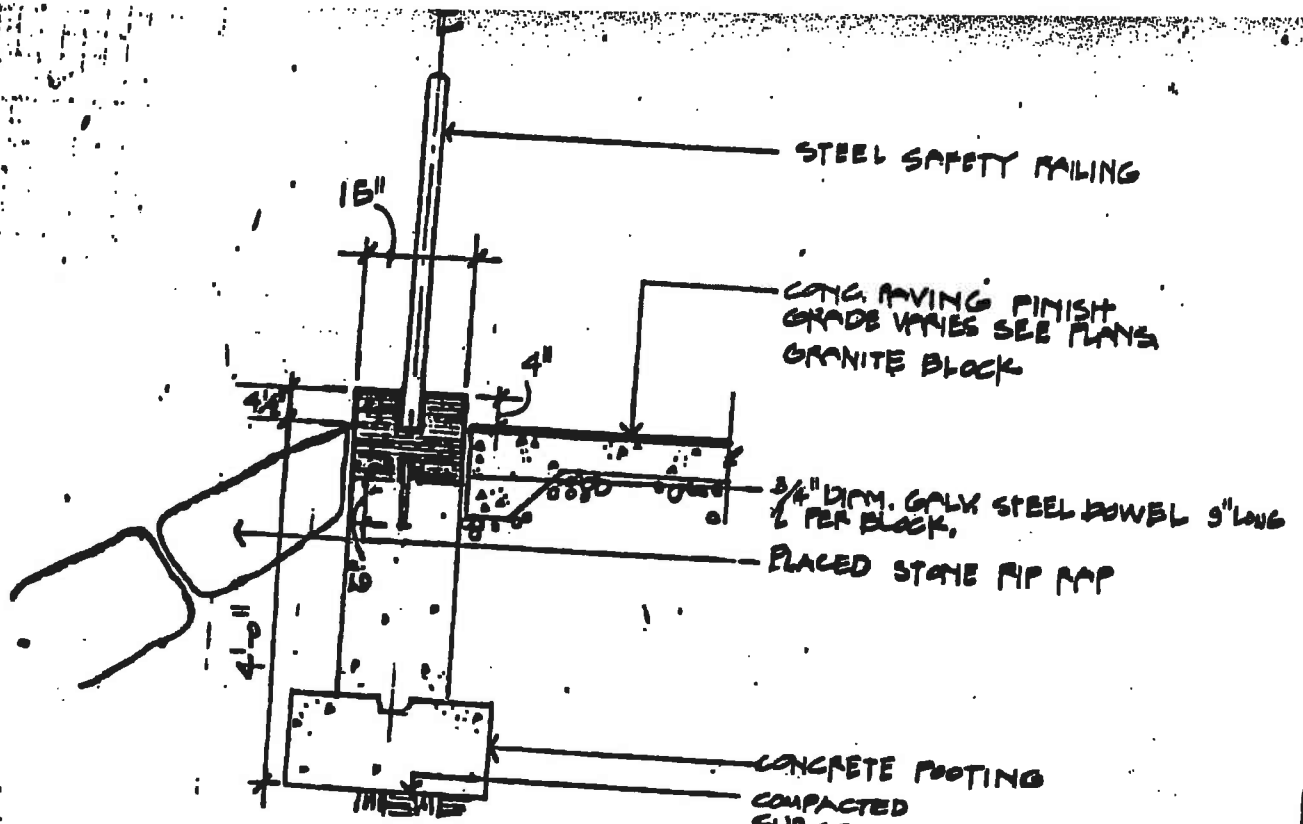
SCALE 1/4" = 1'-0"



F SECTION - FISHING FACILITY

SCALE: 1/2" = 1'-0"

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300



G GRANITE WALL (TYPE C)

SCALE 1/2" = 1'-0"

METROP

NORTH

BO

DESIGNED:

CHECKED:

DRAWN:

CHECKED:

REF.

ACC.

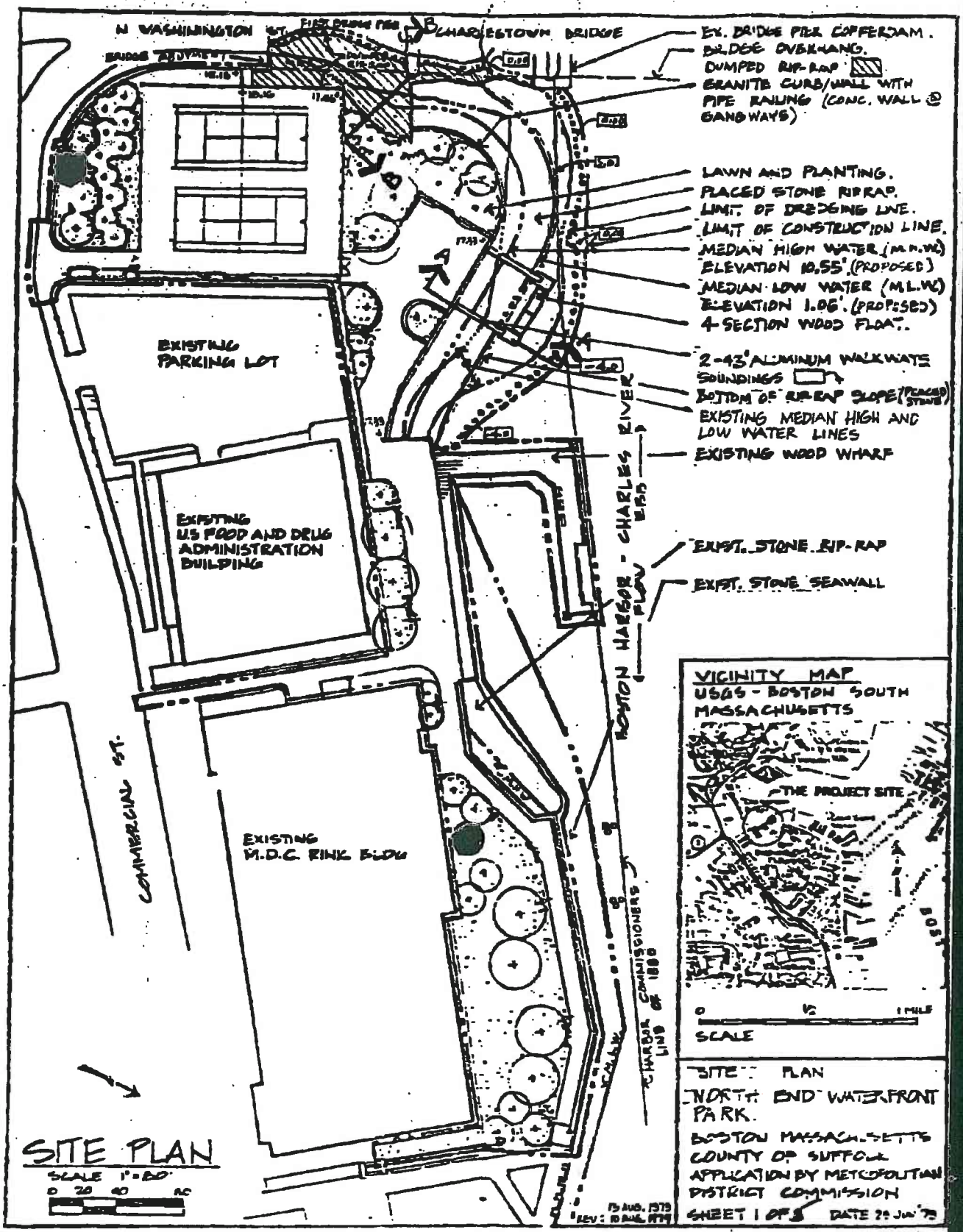
SHEPLEY BULFINCH RICHA

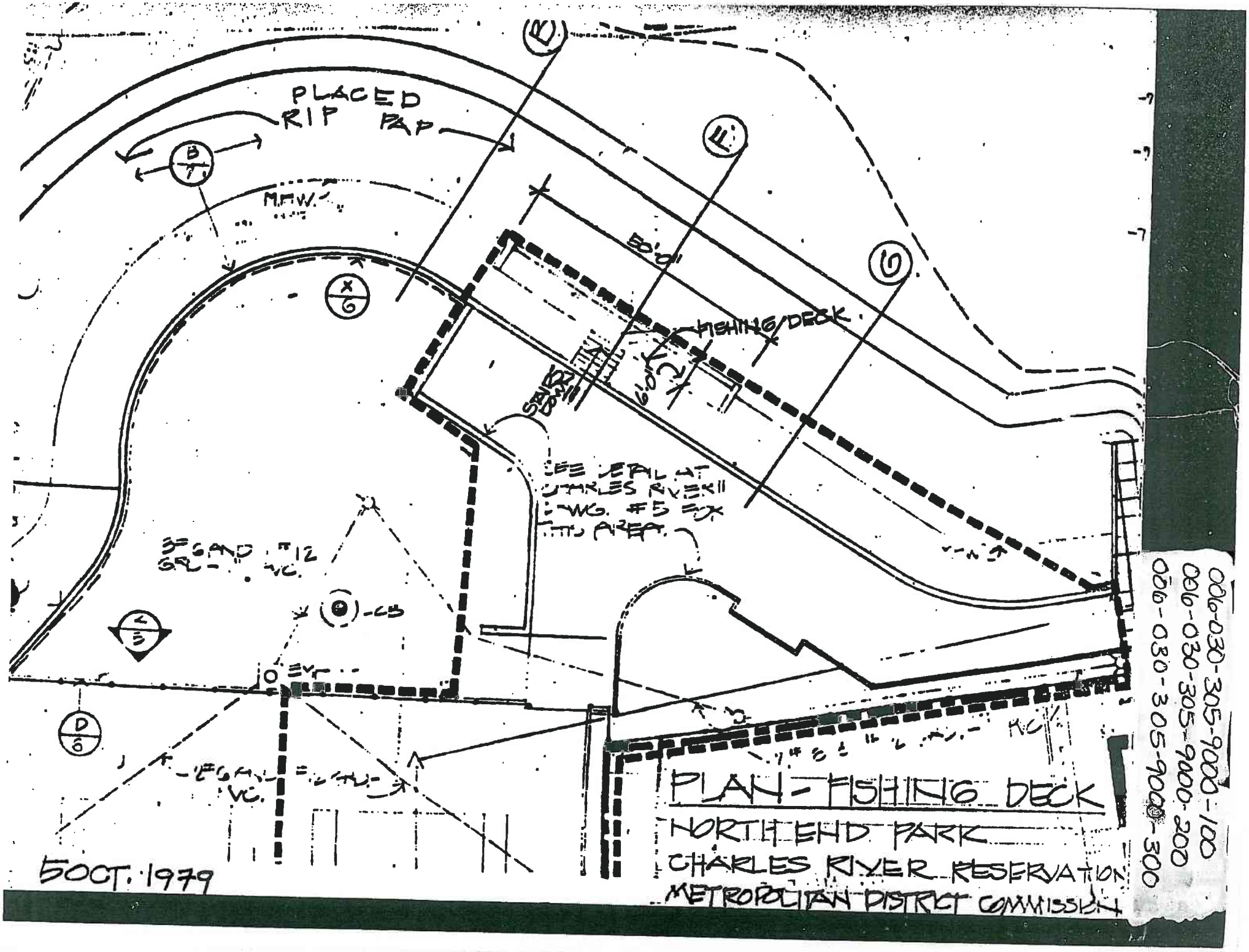
ONE COURT STREET BOSTON MASSACHU

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

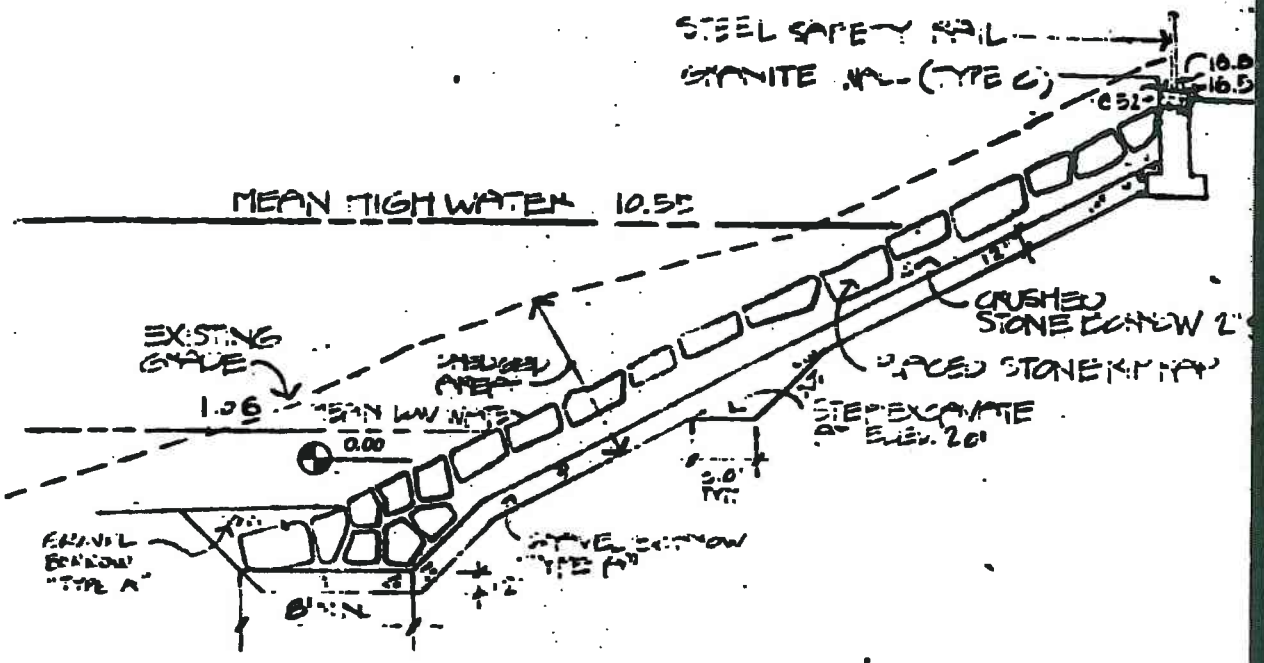
006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

245 0509



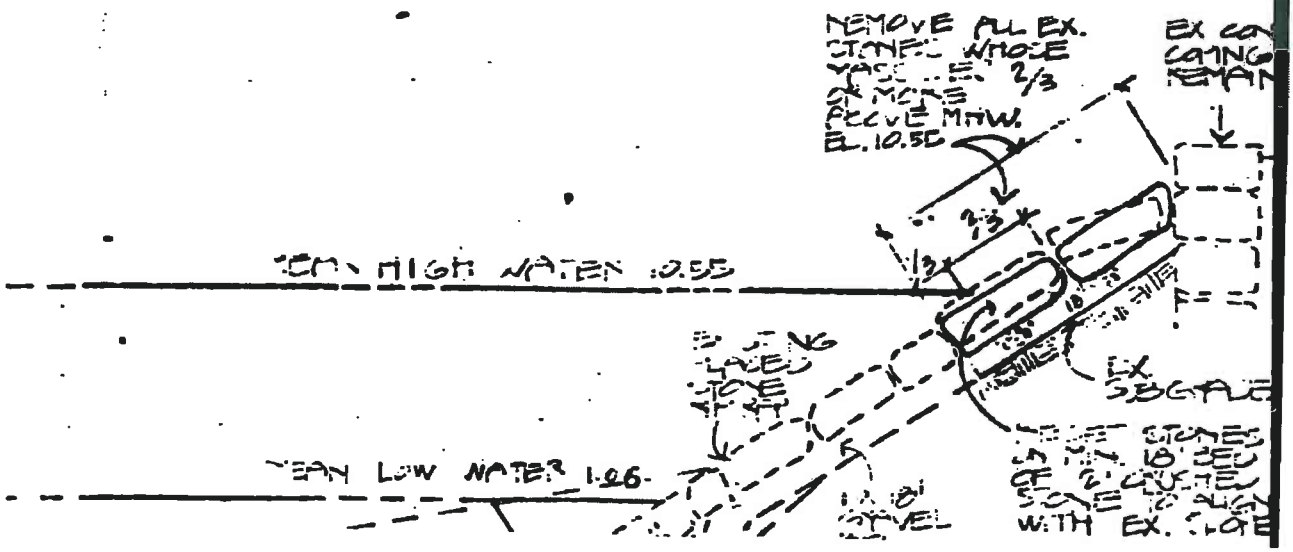

PLACED RIP RAP
M.H.W.
80'-0"
FISHING DECK
SEWER LINE
SEE DETAIL AT CHARLES RIVER II DWG. #5 FOR LIMIT AREA
EXISTING 12" DRAIN
EXISTING CB
EXISTING CATCH BASIN
PLAN - FISHING DECK
NORTHEND PARK
CHARLES RIVER RESERVATION
METROPOLITAN DISTRICT COMMISSION
5 OCT. 1979
006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

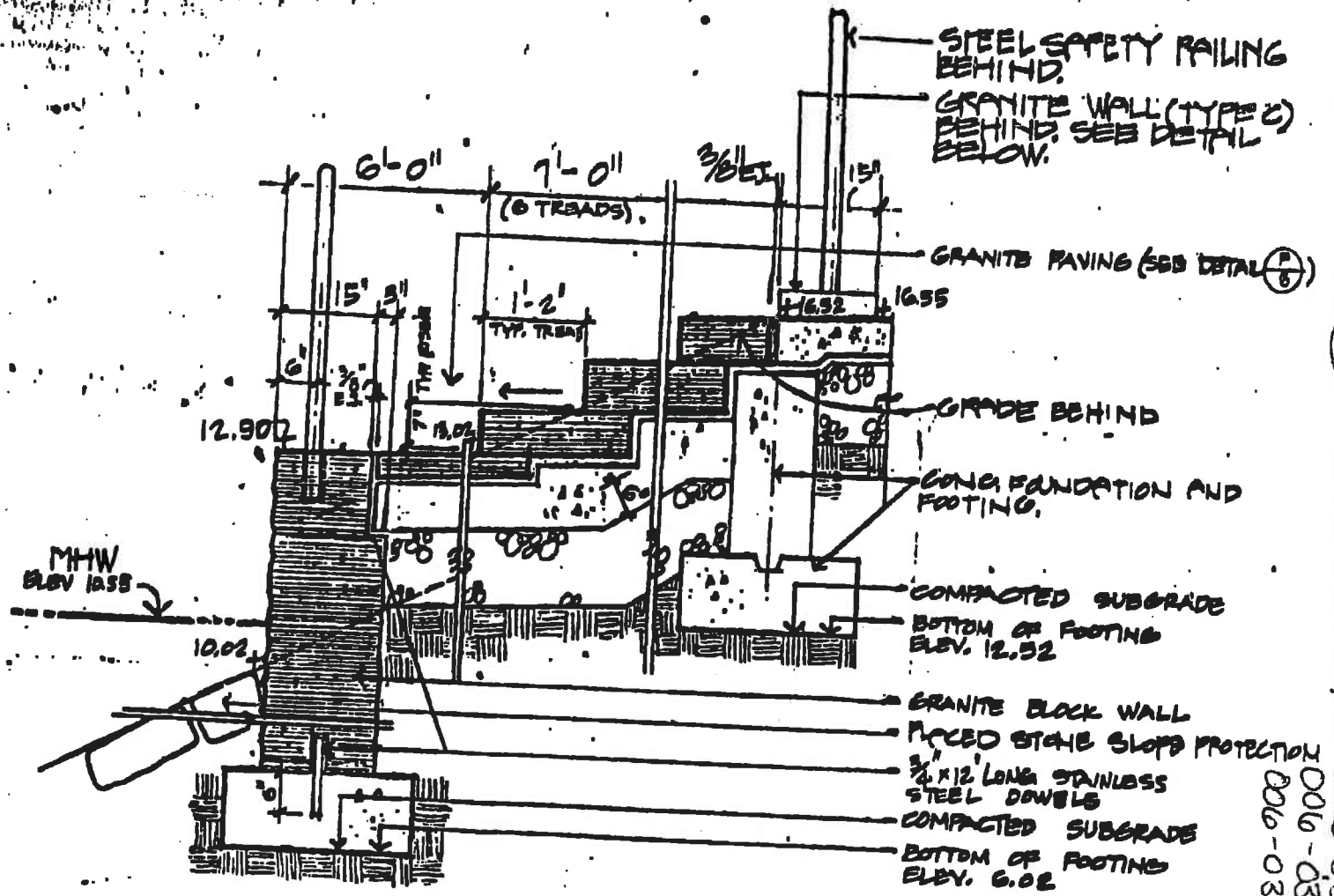


(B) PLACED RIP RAP PROTECTION

SCALE 1/8" = 1'-0"



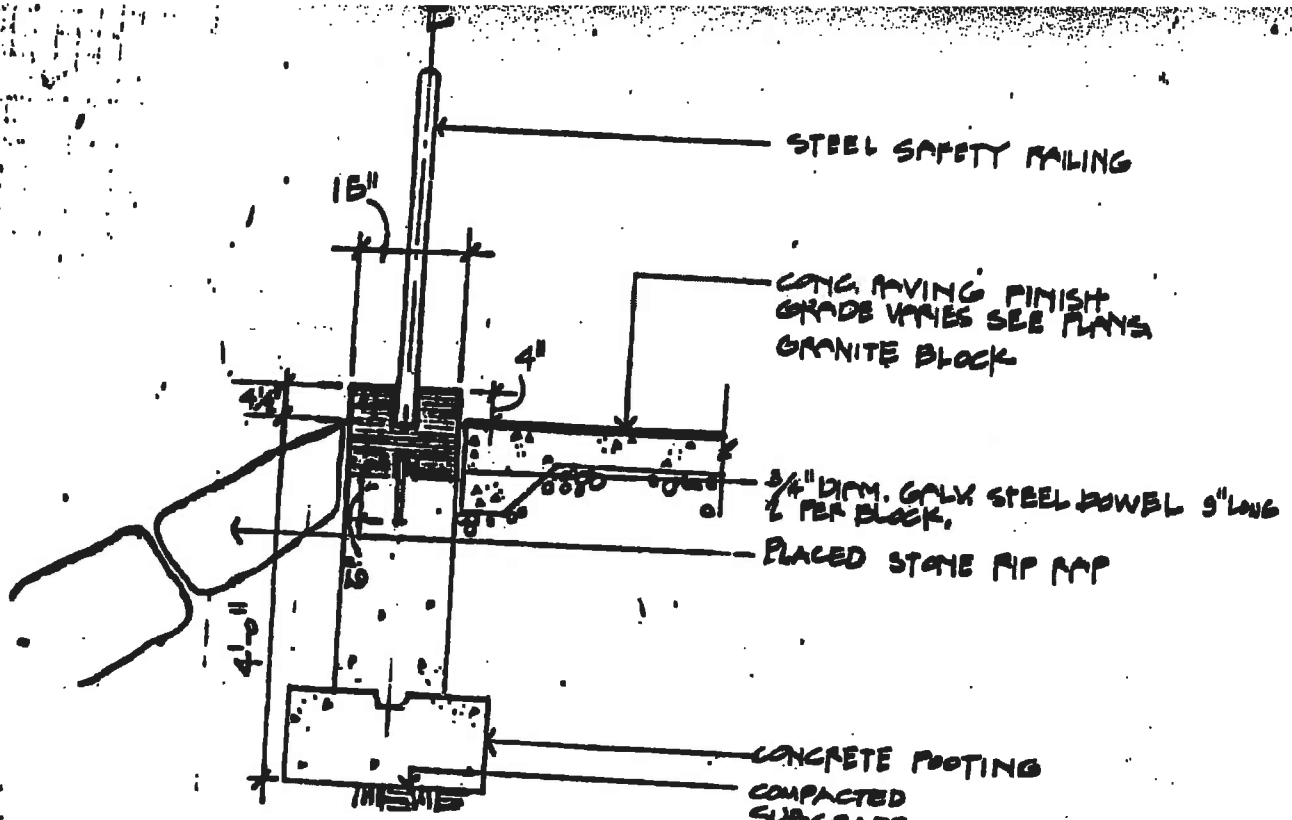
SCALE 1/4" = 1'-0"



F SECTION - FISHING FACILITY

SCALE: 1/2" = 1'-0"

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300



G GRANITE WALL (TYPE C)
SCALE 1½" = 1'-0"

METROP

NORTH

BO

DESIGNED:
CHECKED:
DRAWN:
CHECKED:
REF.
ACC.

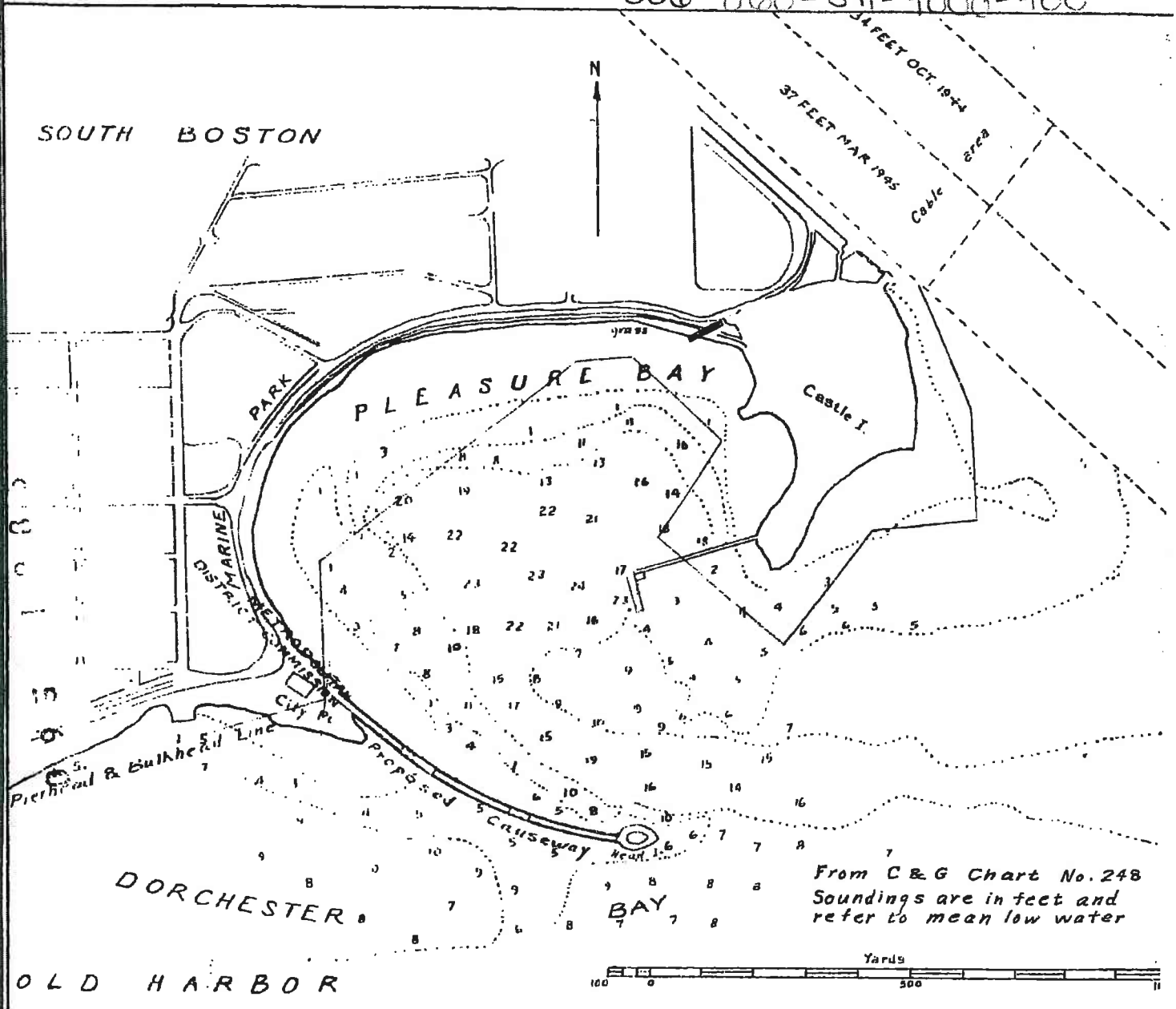
SHEPLEY BULFINCH RICHAI

ONE COURT STREET BOSTON MASSACHU

006-030-305-9000-100
006-030-305-9000-200
006-030-305-9000-300

0 9 4 ● 1 6 7 2

006-060-341-5000-100
006-060-341-9000-400



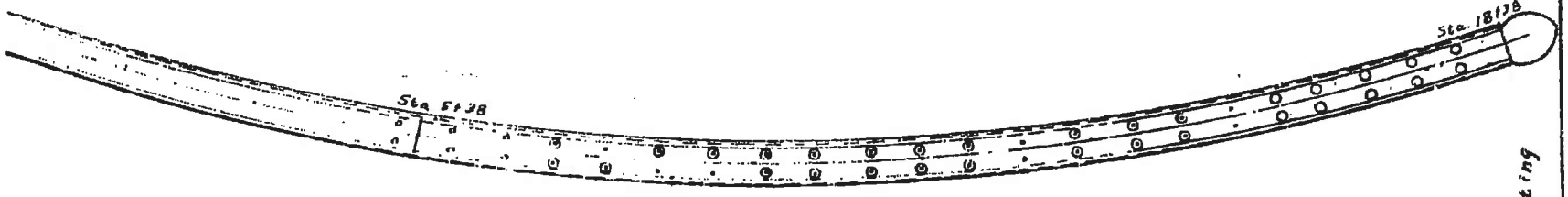
LOCATION PLAN

PROPOSED CAUSEWAY
FROM CITY POINT TO HEAD ISLAND
at Marine Park So. Boston
County of Suffolk. Mass.
Application. Met. Dist. Comm.
Sheet 1 of 4 Sept. 25, 1950

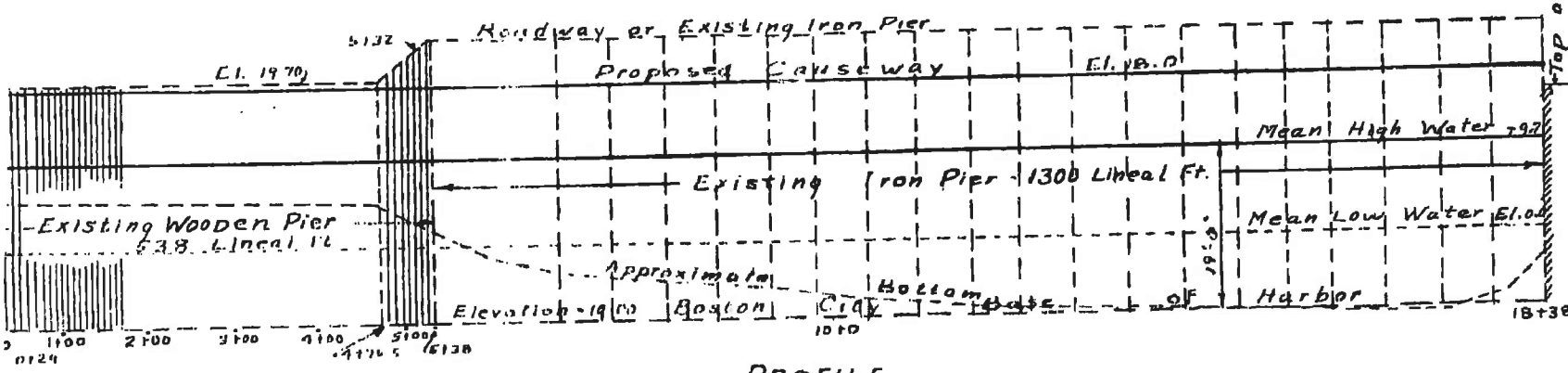
Director of Park Engineering
Benjamin W. Fiint

29381

094 1673

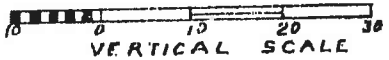


PLAN



PROFILE

SCALE OF FEET



Note: Old Iron Pier practically demolished.

Director of Park Engineering

Benjamin W. Tirk

Proposed Causeway From City Point to Head I. at Marine Park, So. Boston County of Suffolk, Mass. Application. Met. Dist. Comm.

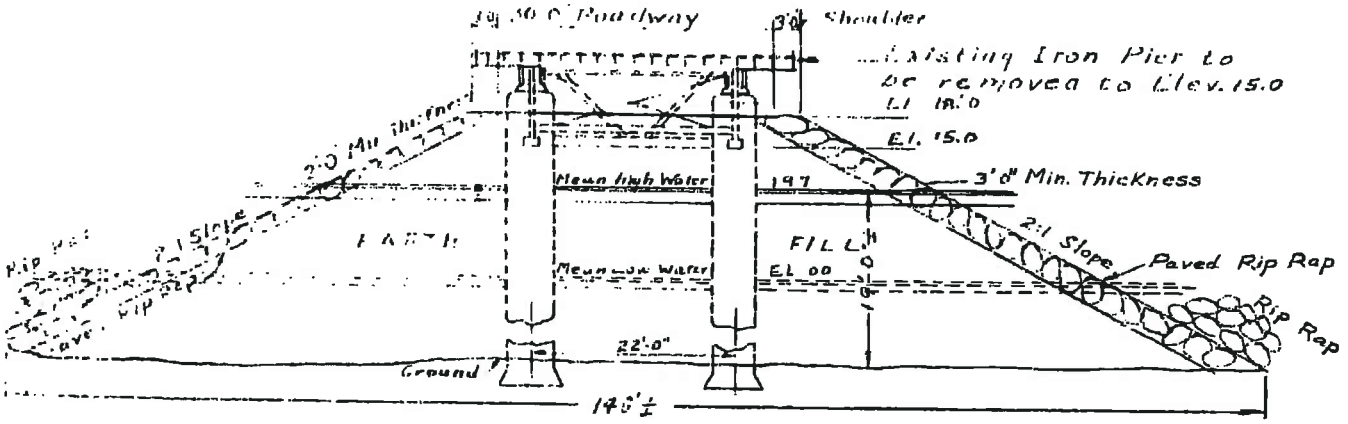
006-000-341-5000-100
006-000-341-9000-400

0 9 4 1 6 7 4

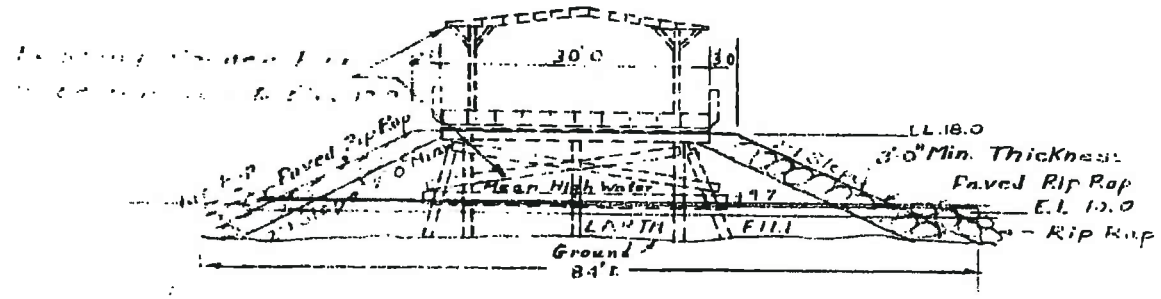
006-060-341-5000-100
006-060-341-9000-400

PLEASURE BAY

OLD HARBOR

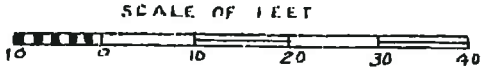


TYPICAL SECTION OF PROPOSED CAUSEWAY STA's 5+38 to 18+38



TYPICAL SECTION OF PROPOSED CAUSEWAY Sta's 0+00 to 5+38

SCALE OF FEET



PROPOSED Causeway
From City Point to Head Is.
at Marine Park So. Boston

Director of Park Engineering

County of Suffolk, Mass.
Application, Met. Dist. Comm

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
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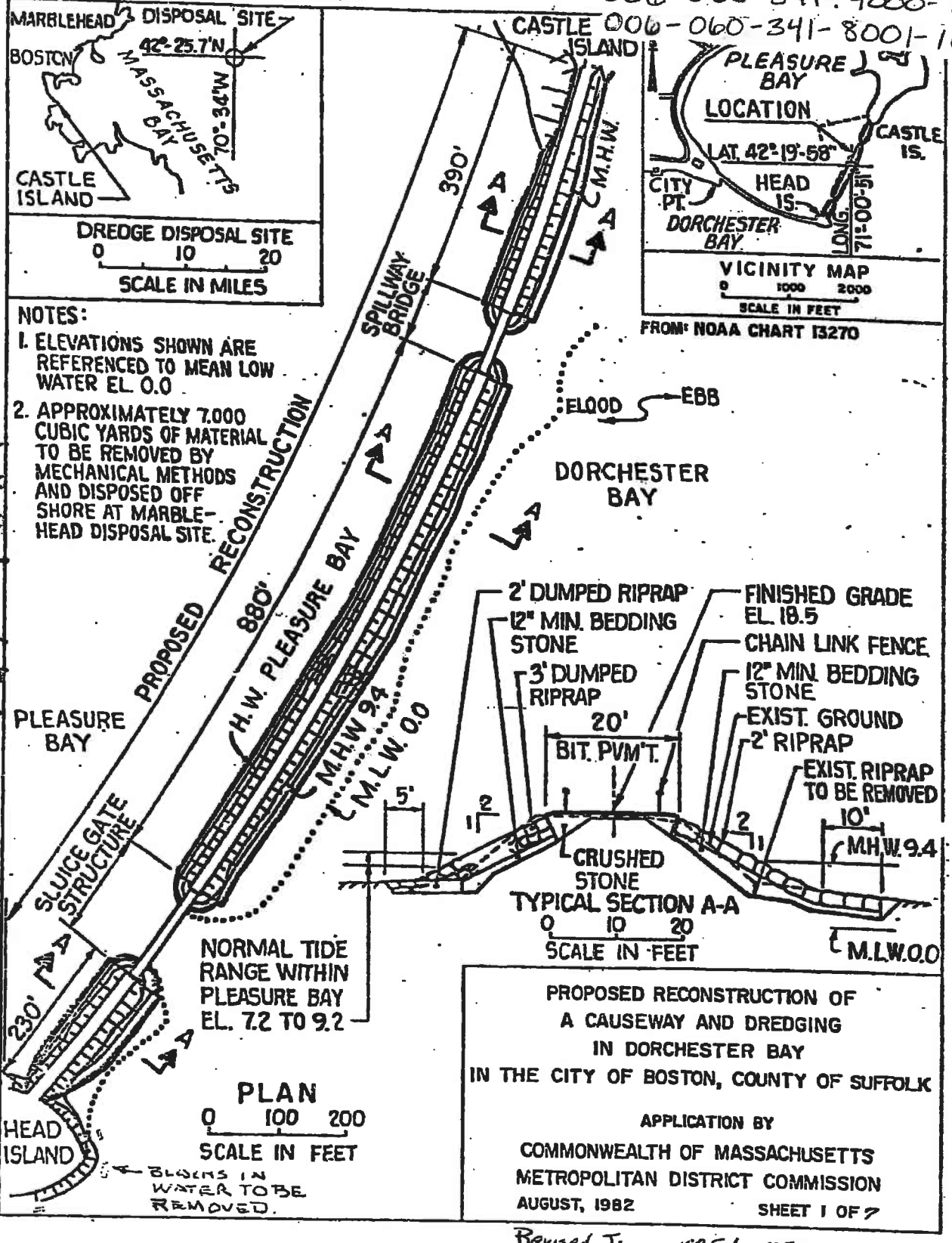
006-060-341-9000-300
006-060-341-8001-100



PROPOSED RECONSTRUCTION OF
A CAUSEWAY AND DREDGING
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 1 OF 7

Revised January 1985 by U.E.D.

TM-056-C-8

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
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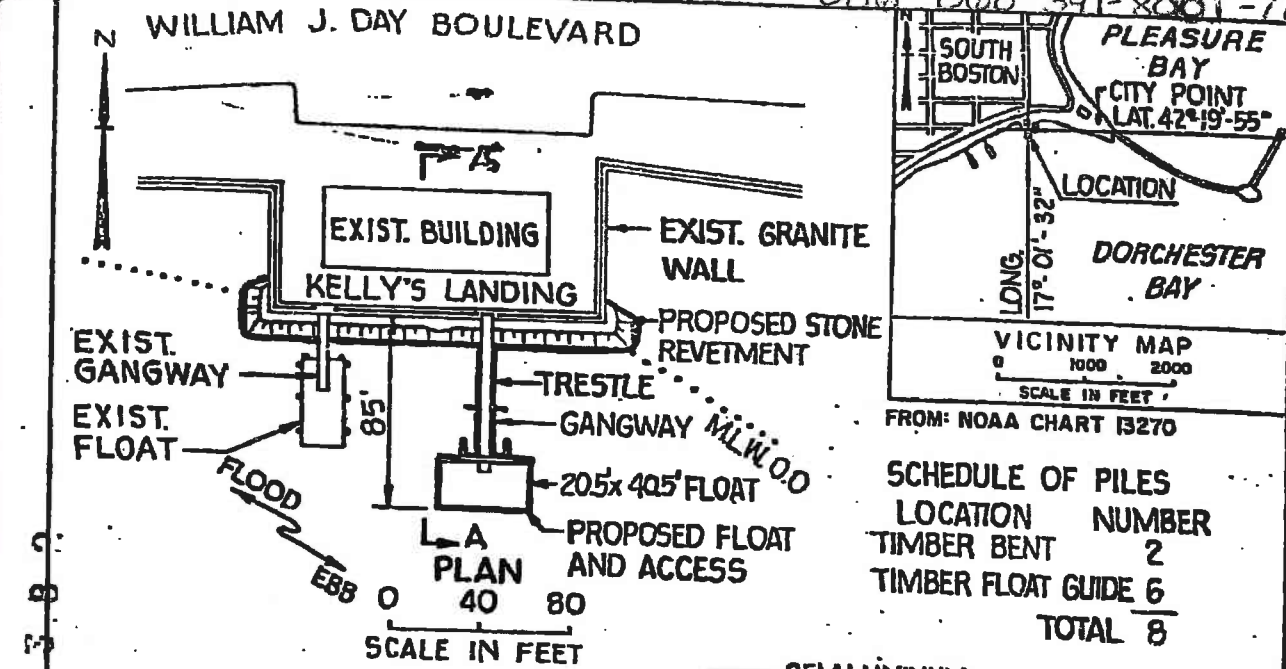
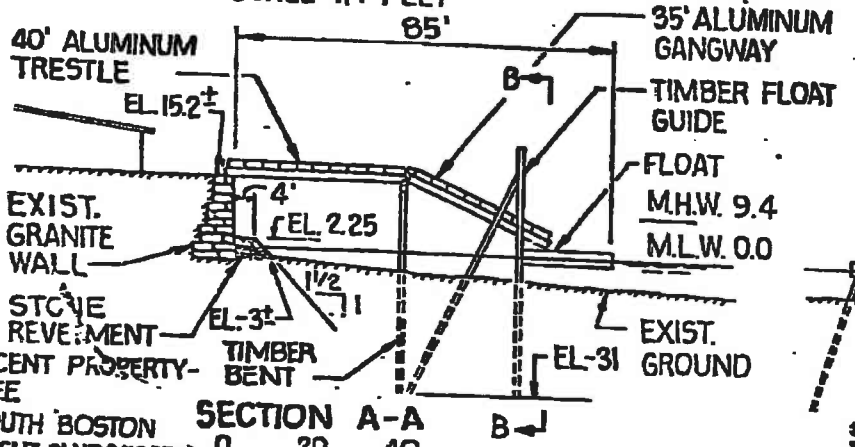
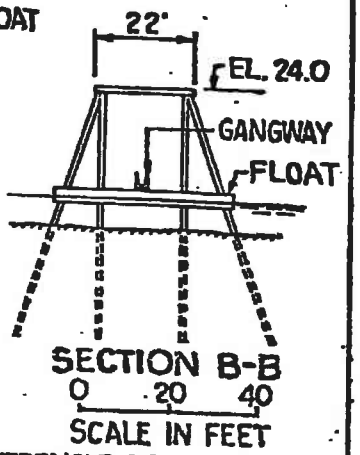


SCHEDULE OF PILES

LOCATION	NUMBER
TIMBER BENT	2
TIMBER FLOAT GUIDE	6
TOTAL	8

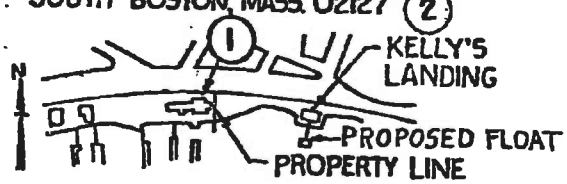




① SOUTH BOSTON YACHT CLUB (LESSEE)
1849 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127

② BAYVIEW FOOD INC. (LESSEE)
1830 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127

NOTES:
1. ELEVATIONS ARE REFERENCED TO MEAN LOW WATER, EL. 0.0



PLAN - ADJACENT PROPERTY
0 400 800
SCALE IN FEET

PROPOSED CONSTRUCTION OF
A STONE REVETMENT AND BOAT FLOAT
WITH TRESTLE AND GANGWAY
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982

SHEET 2 OF 7

TM-066-C-10

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
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006-060-341-9000-300
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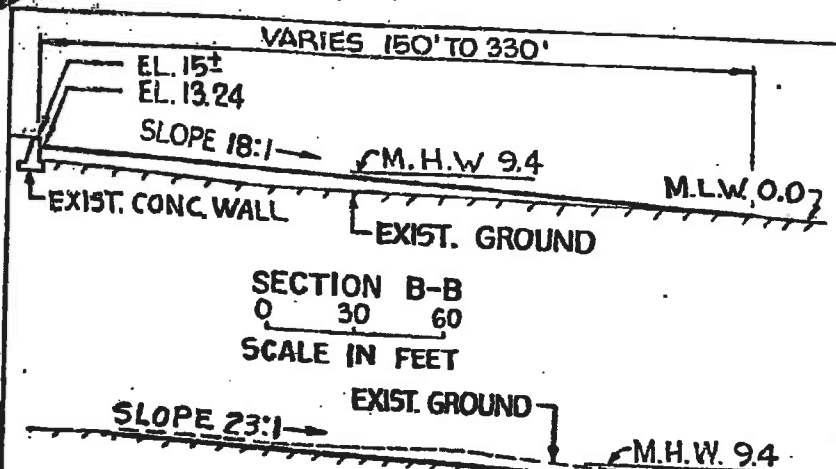
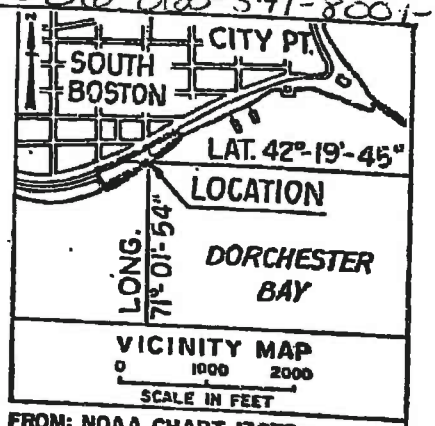


SECTION B-B
0 30 60
SCALE IN FEET

SECTION A-A
0 30 60
SCALE IN FEET

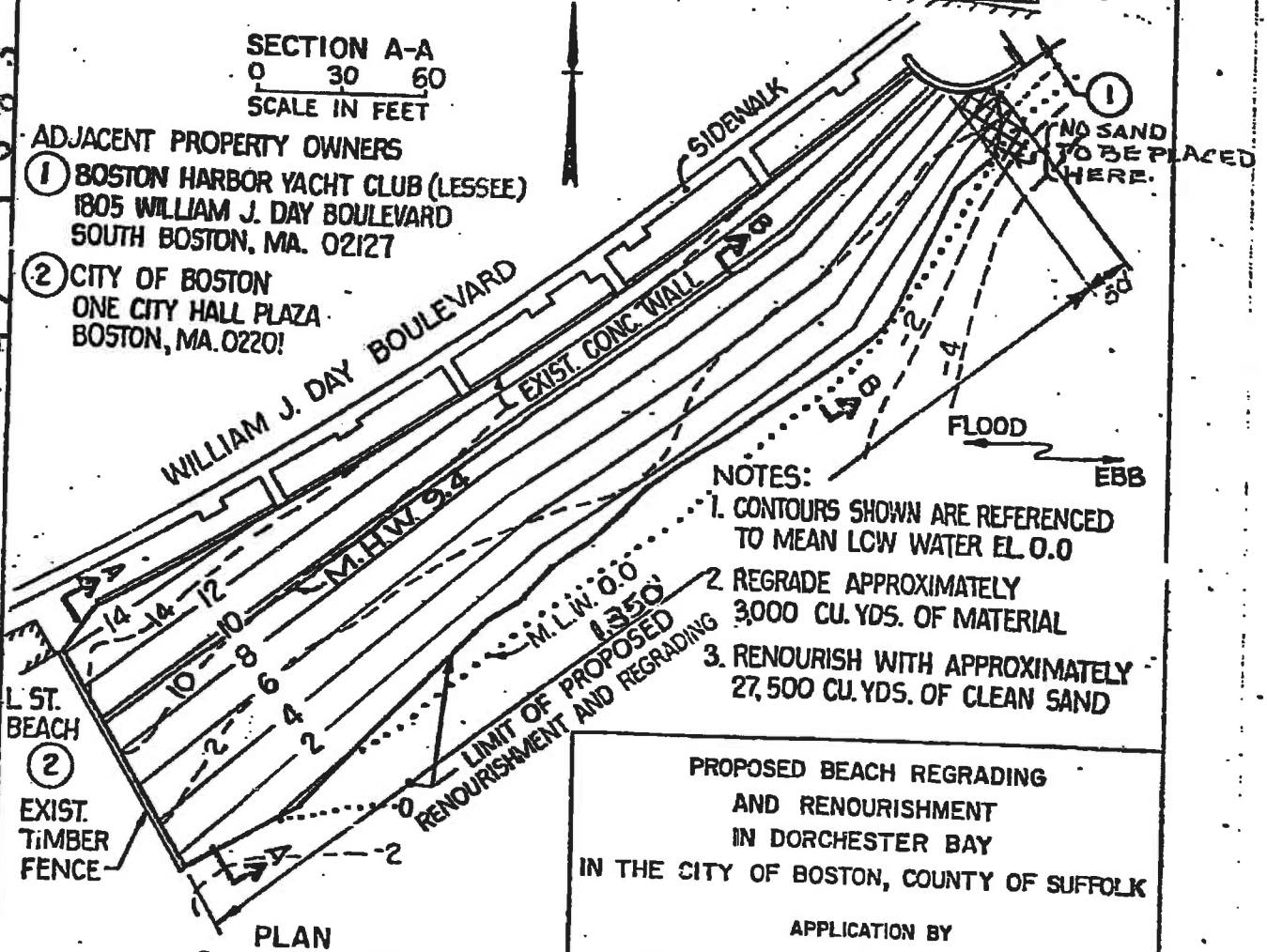


FROM: NOAA CHART 13270

ADJACENT PROPERTY OWNERS

(1) BOSTON HARBOR YACHT CLUB (LESSEE)
1805 WILLIAM J. DAY BOULEVARD
SOUTH BOSTON, MA. 02127

(2) CITY OF BOSTON
ONE CITY HALL PLAZA
BOSTON, MA. 02201



PLAN
0 100 200
SCALE IN FEET

NOTES:
1. CONTOURS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. REGRADE APPROXIMATELY 3,000 CU. YDS. OF MATERIAL
3. RENOURISH WITH APPROXIMATELY 27,500 CU. YDS. OF CLEAN SAND

PROPOSED BEACH REGRADING
AND RENOURISHMENT
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 3 OF 7

REVISED BY NED JAN. 1985

9417383

TM-066-C-11

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
006-060-341-9000-200
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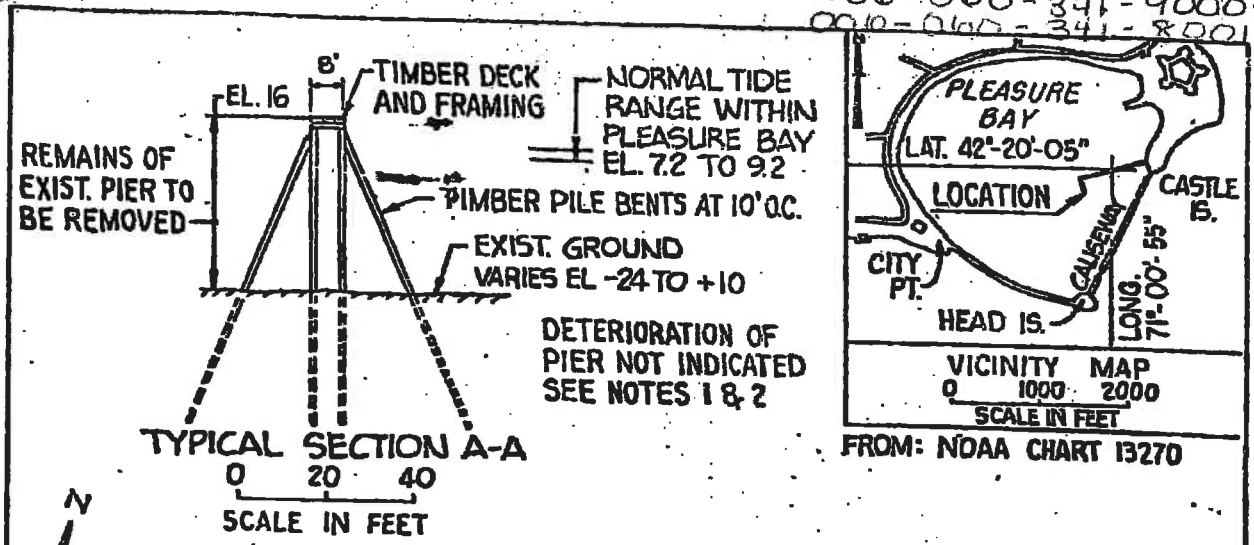
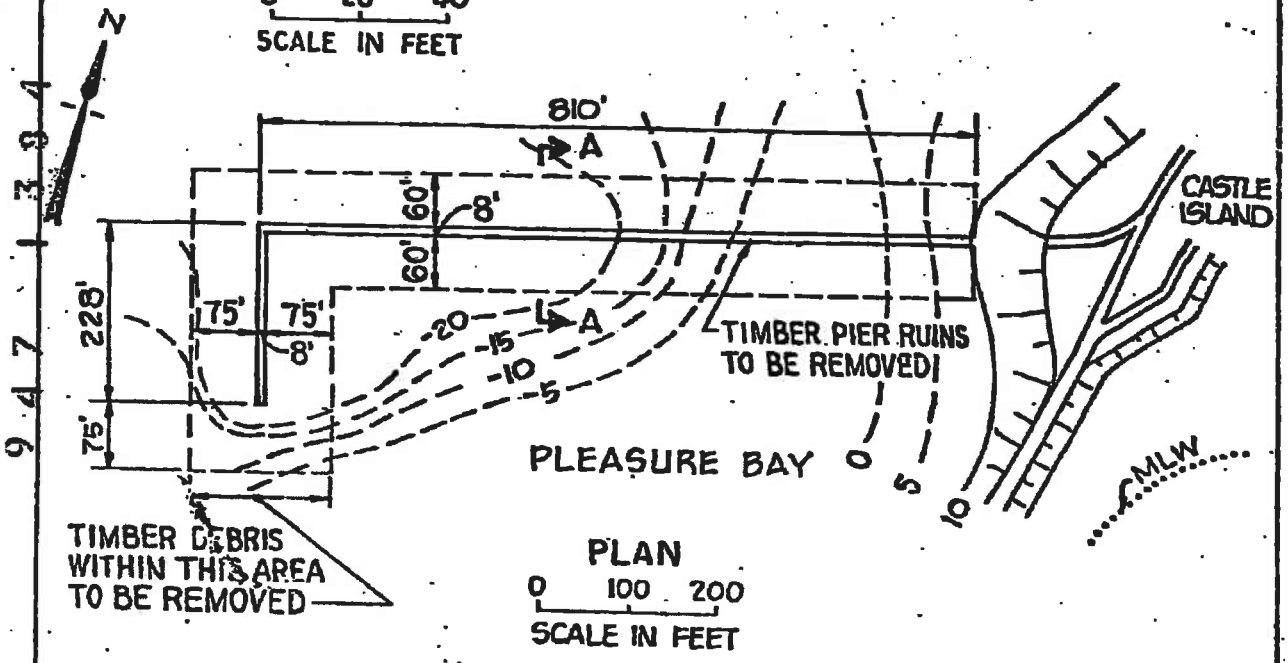


FROM: NOAA CHART 13270



NOTES:

1. APPROXIMATELY 10 BAYS WITH PLANKING AND STRINGERS IN PLACE.
2. APPROXIMATELY 200 TIMBER PILES VISIBLE ABOVE PLEASURE BAY LOW WATER.
3. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0

PROPOSED REMOVAL OF
TIMBER PIER
IN PLEASURE BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 4 OF 7

TM-066-C-9

006-070-267-2000-100
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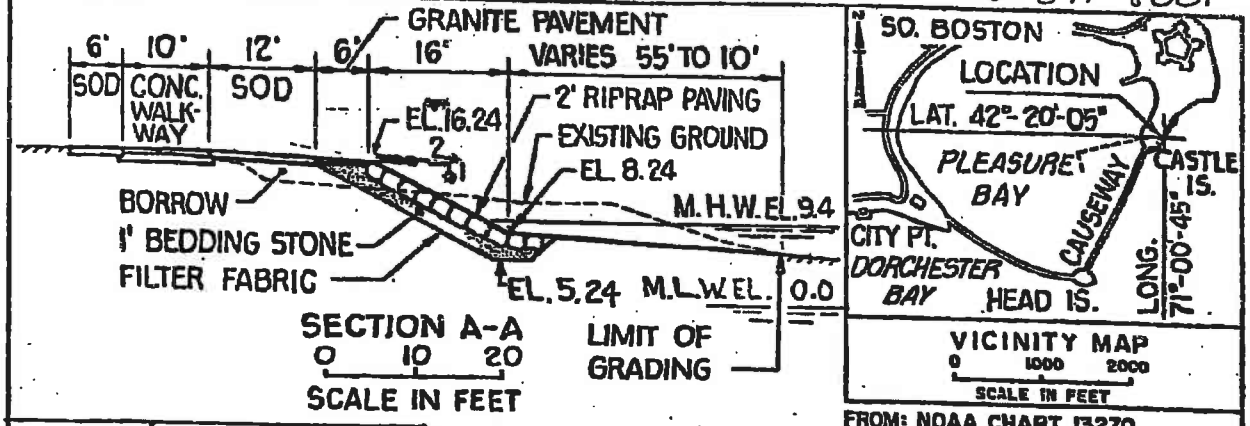
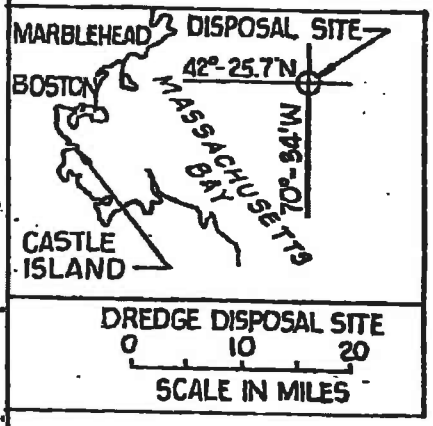
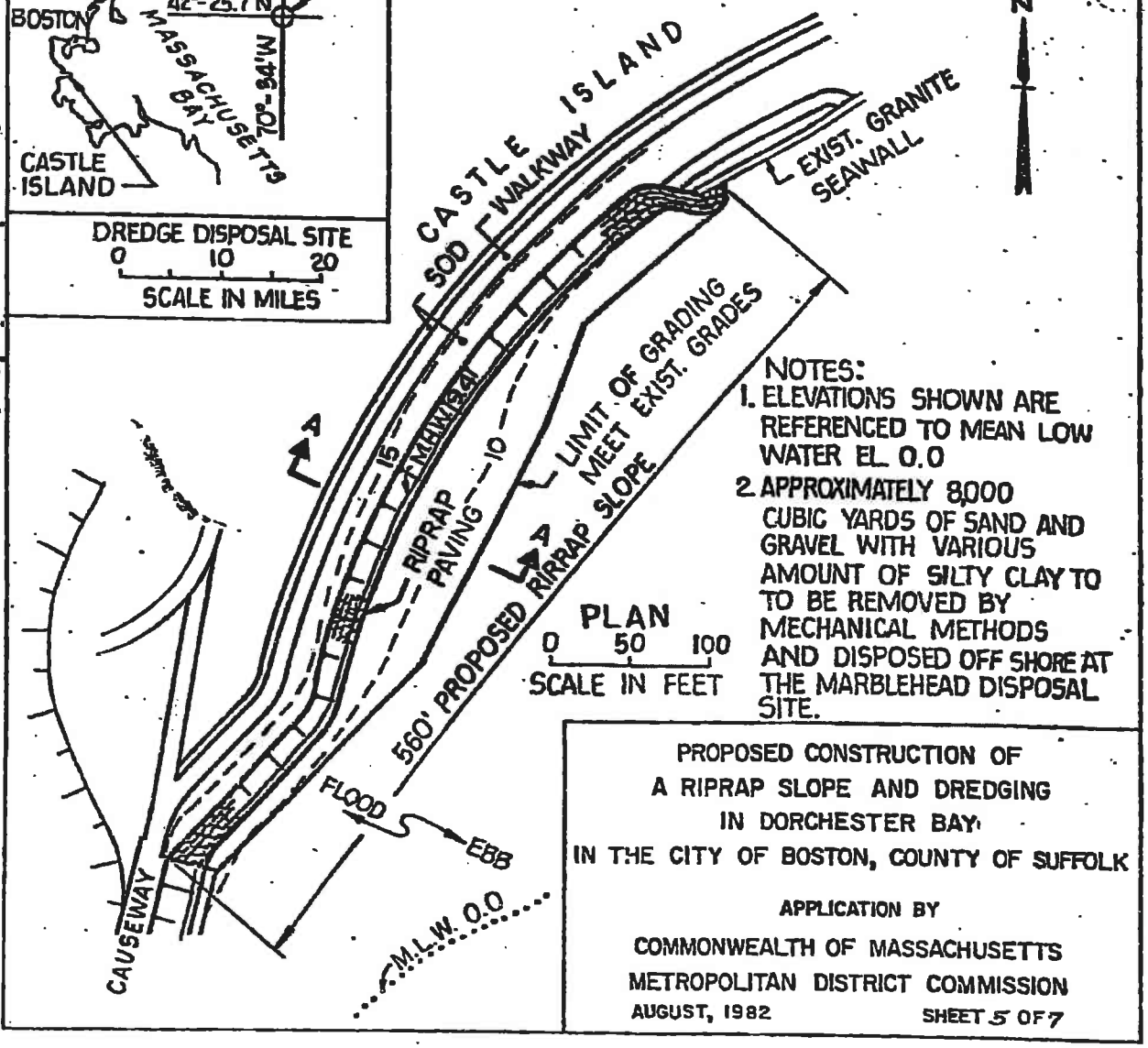
006-060-341-8001-100



FROM: NOAA CHART 13270





NOTES:
1. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. APPROXIMATELY 8,000 CUBIC YARDS OF SAND AND GRAVEL WITH VARIOUS AMOUNT OF SILTY CLAY TO TO BE REMOVED BY MECHANICAL METHODS AND DISPOSED OFF SHORE AT THE MARBLEHEAD DISPOSAL SITE.

PROPOSED CONSTRUCTION OF
A RIPRAP SLOPE AND DREDGING
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 5 OF 7

3 8 5 9 4 7 1

TM-066-C-7

006-070-267-2000-100
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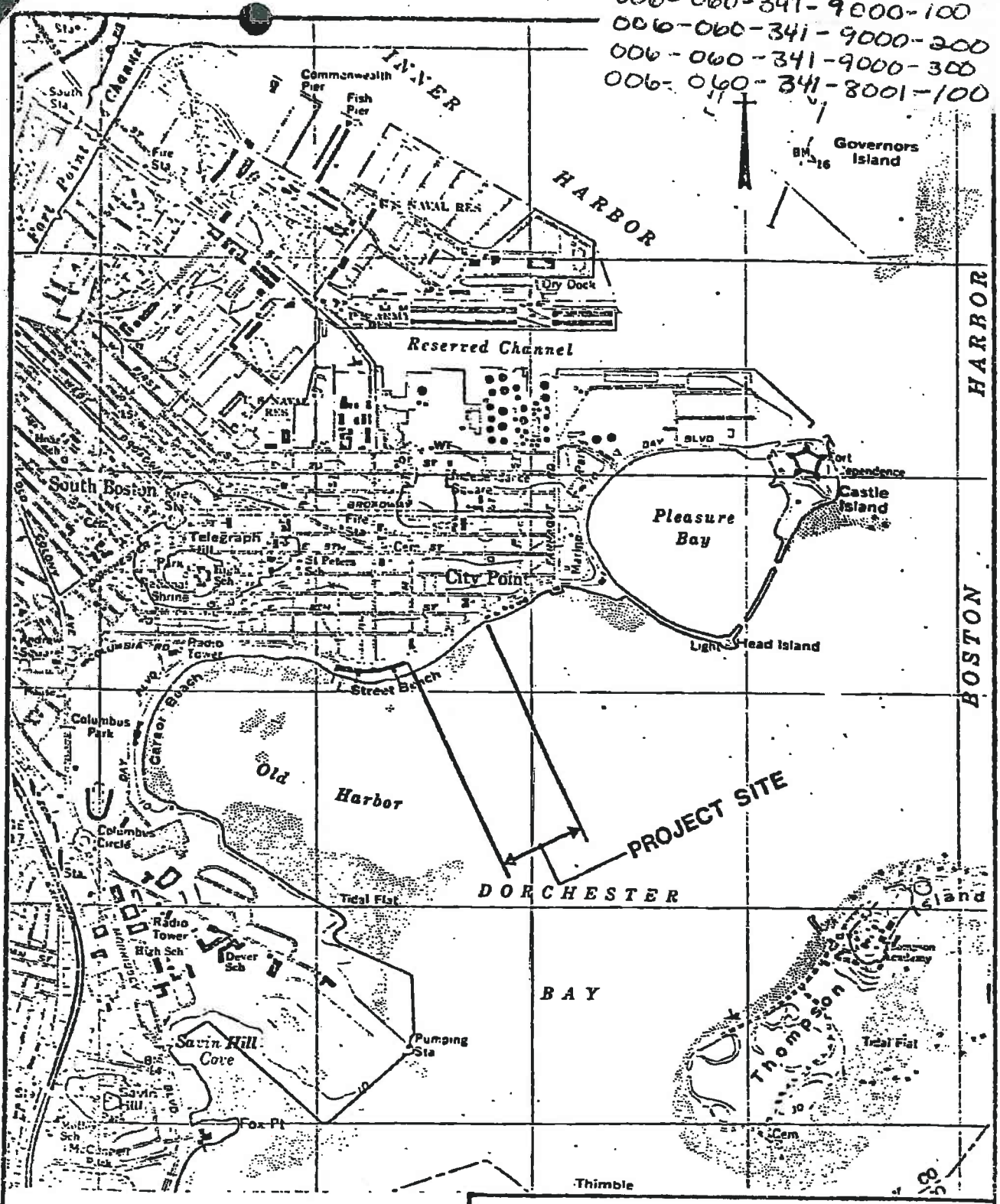

SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY. BOSTON SOUTH QUADRANGLE MASSACHUSETTS

SCALE 1:25 000

1000 0 1000 2000 FEET

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

BEACH RESTORATION - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

FEBRUARY 1992 SHEET 6 OF 7

947 0 0 7 1986

006-070-267-2000-100
006-070-271-0000-100
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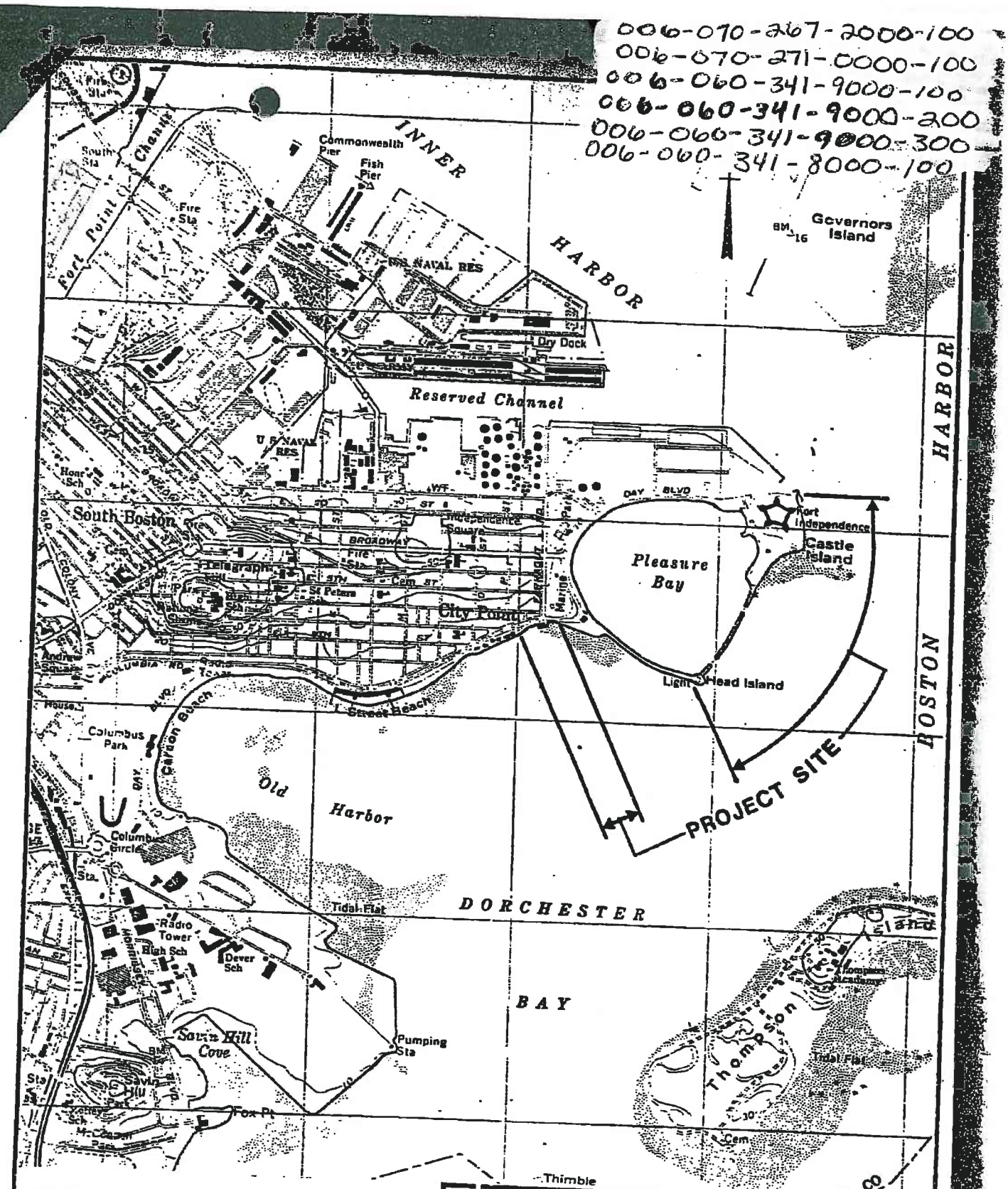
006-060-341-8000-100

947 1387



SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
BOSTON SOUTH QUADRANGLE
MASSACHUSETTS

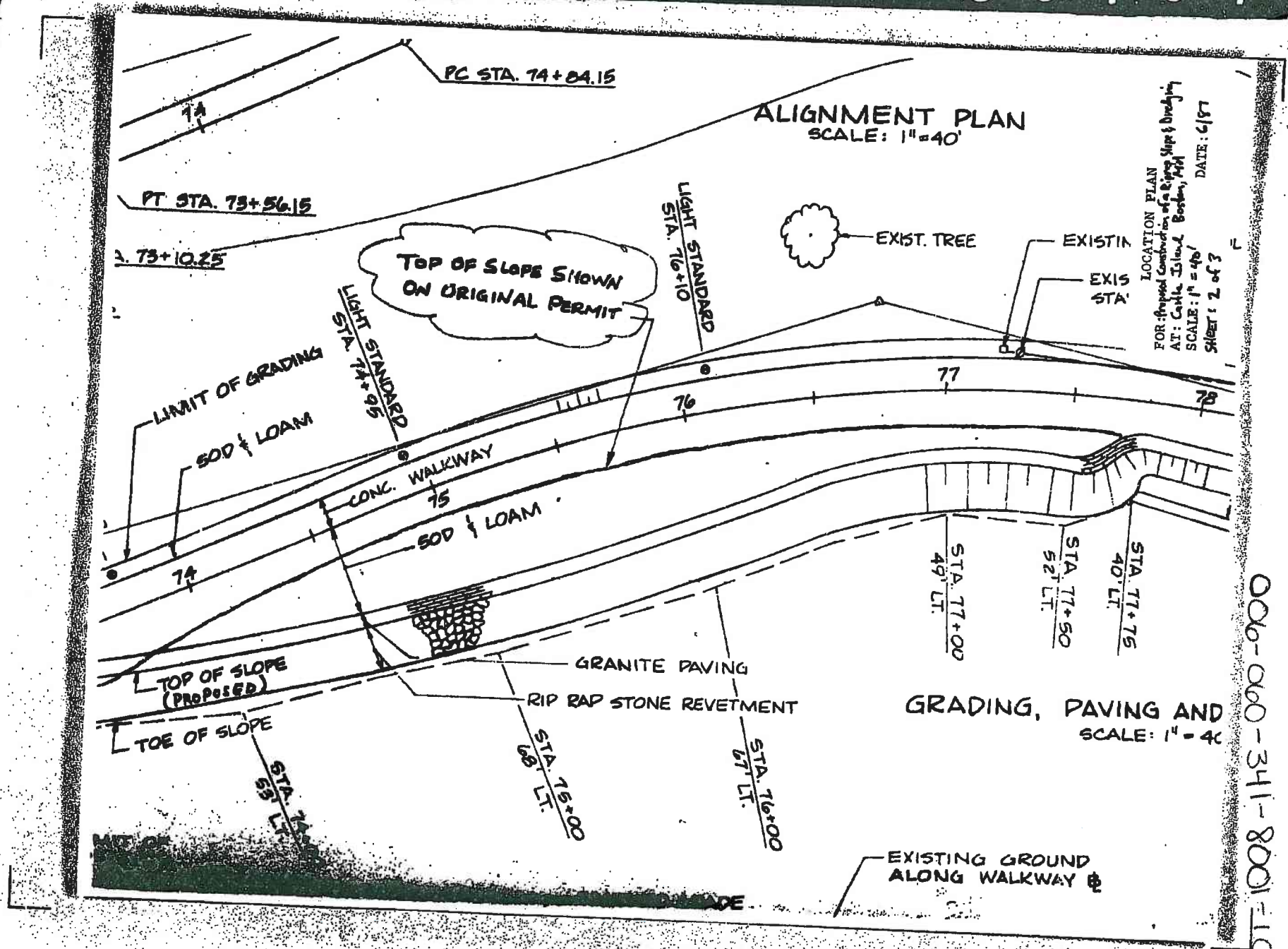
SCALE 1:25 000
1000 0 1000 2000 FEET

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

PROPOSED MARITIME WORK - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

MARCH 1982



006-060-341-8001-100

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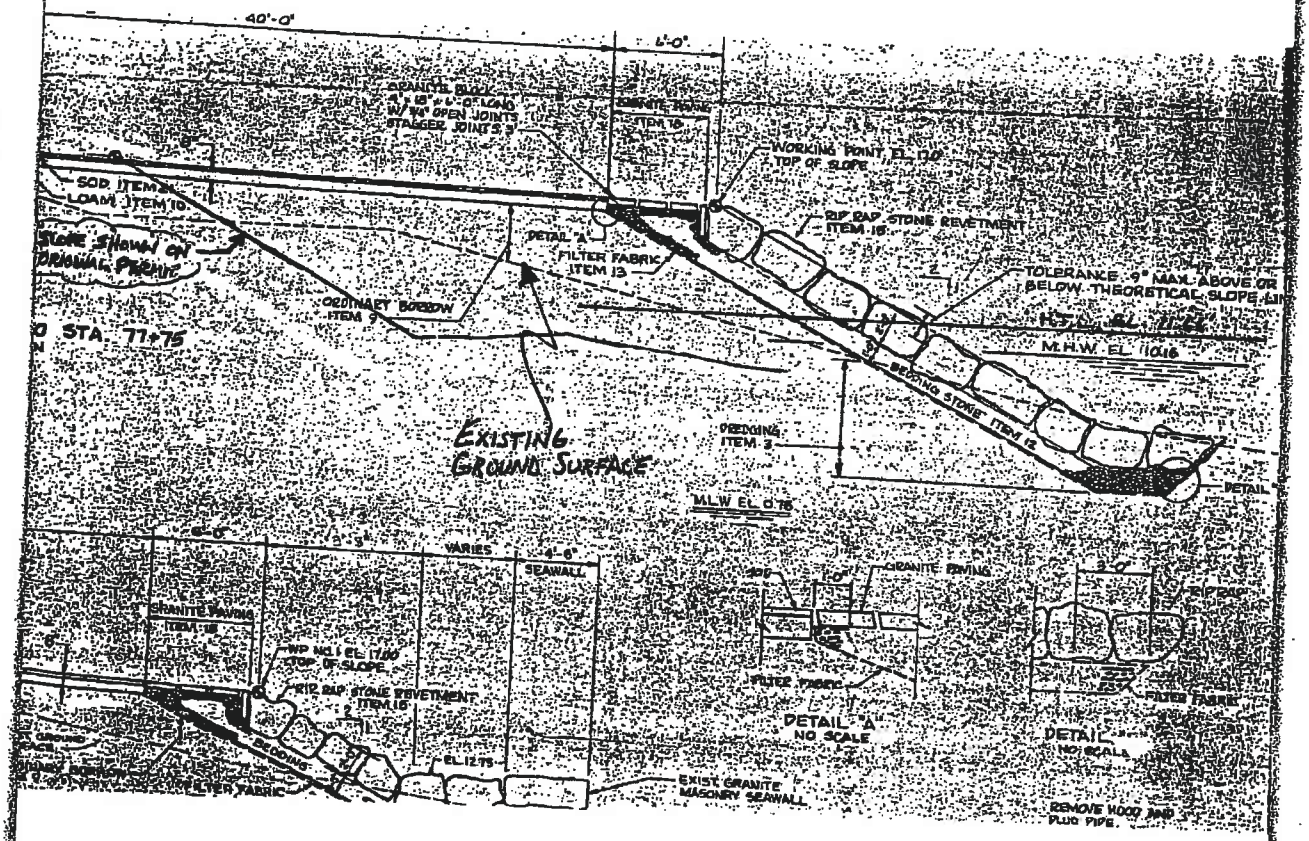
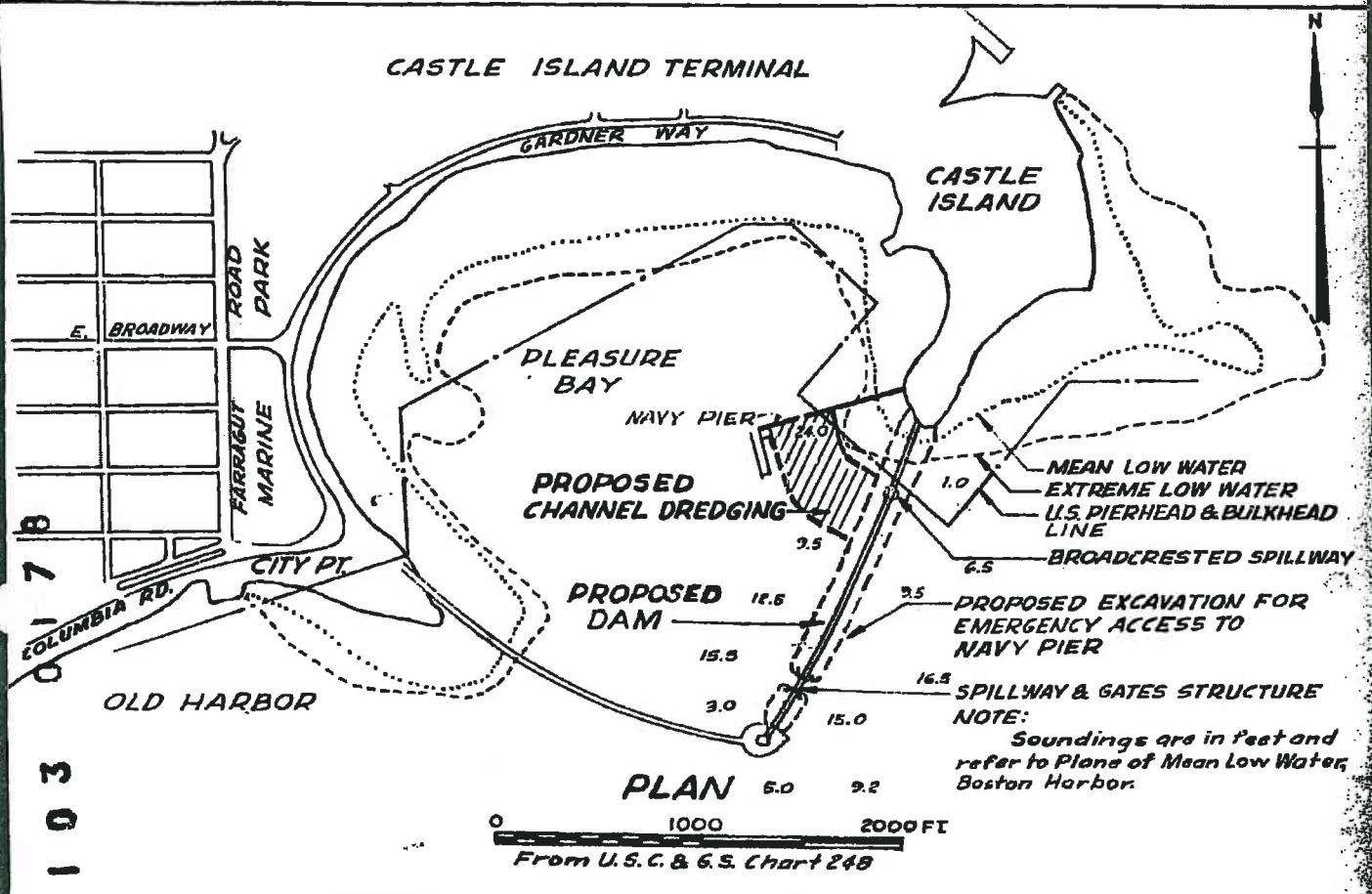
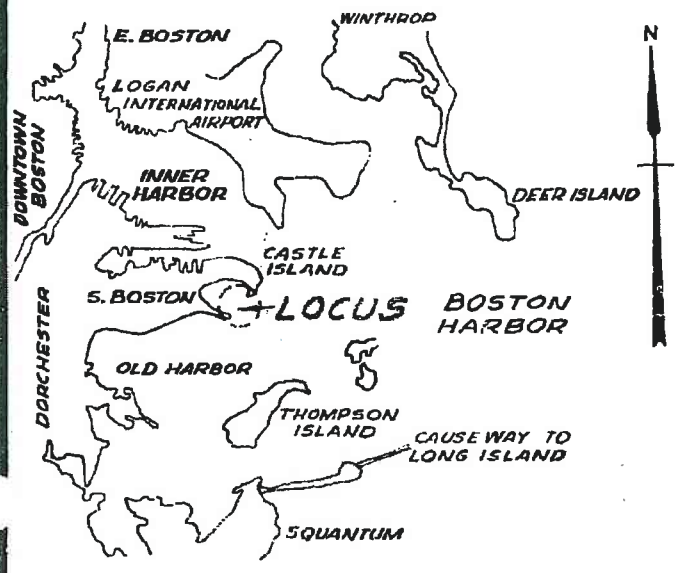


LOCATION PLAN
FOR: Proposed Construction of a Ramp Slope & Dredging
AT: Castle Island Boston, MA
SCALE: 1" = 8'
DATE: 6/87
SHEET: 3 of 3

0 8 1 5 0 4

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300

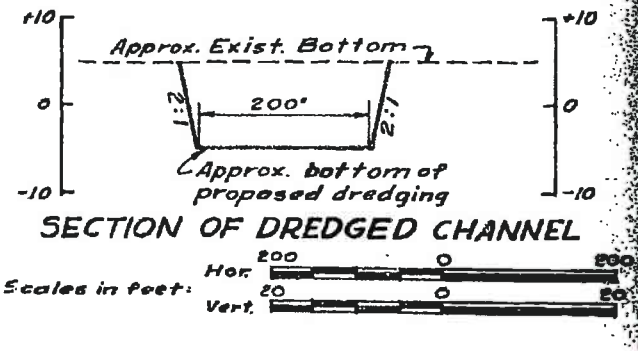




LOCATION PLAN

MILES
0 0.5 1 2 3 MILES

Traced in part from Gulf Tourguide map
METROPOLITAN BOSTON
No. 3-523916-1



PROPOSED DAM AND HYDRAULIC STRUCTURES

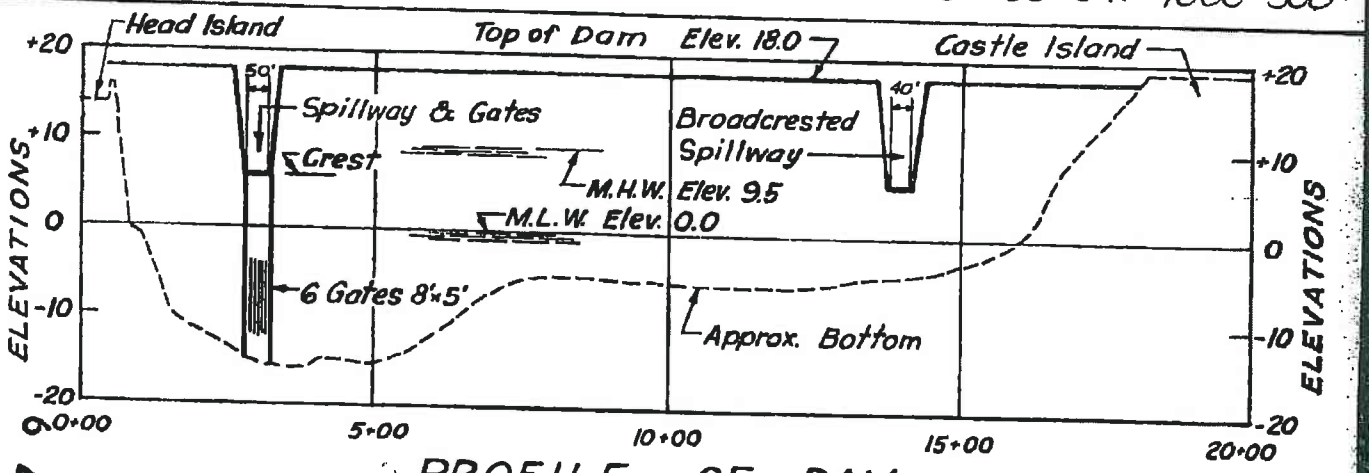
PLEASURE BAY — SOUTH BOSTON
SUFFOLK COUNTY — MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

PARKS DIVISION Benjamin W. Fink DIRECTOR

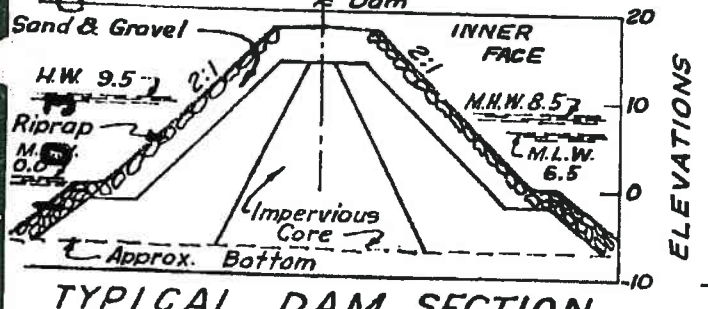
0 8 4 1 5 0 5

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300

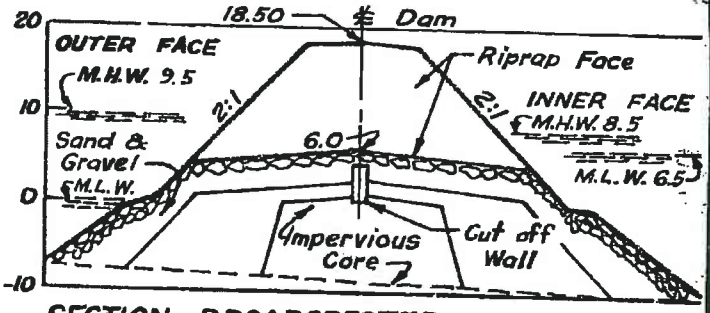


PROFILE OF DAM

Scales in Feet: Hor. 100 0 500 Vert: 20 0 20

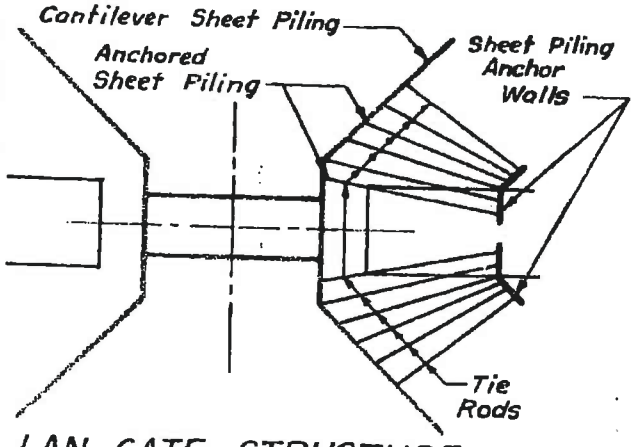


TYPICAL DAM SECTION



SECTION - BROADCRESTED SPILLWAY

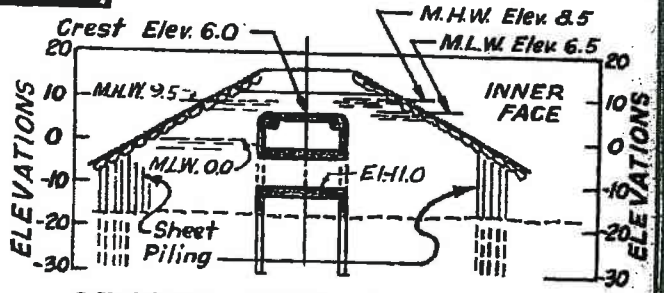
Scales in Feet: Hor. 40 0 40 Vert: 20 0 20



LAN-GATE STRUCTURE

50 0 50

Scale in Feet



SECTION - GATE STRUCTURE

40 0 40

Scale in Feet

PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY — SOUTH BOSTON

SUFFOLK COUNTY — MASSACHUSETTS

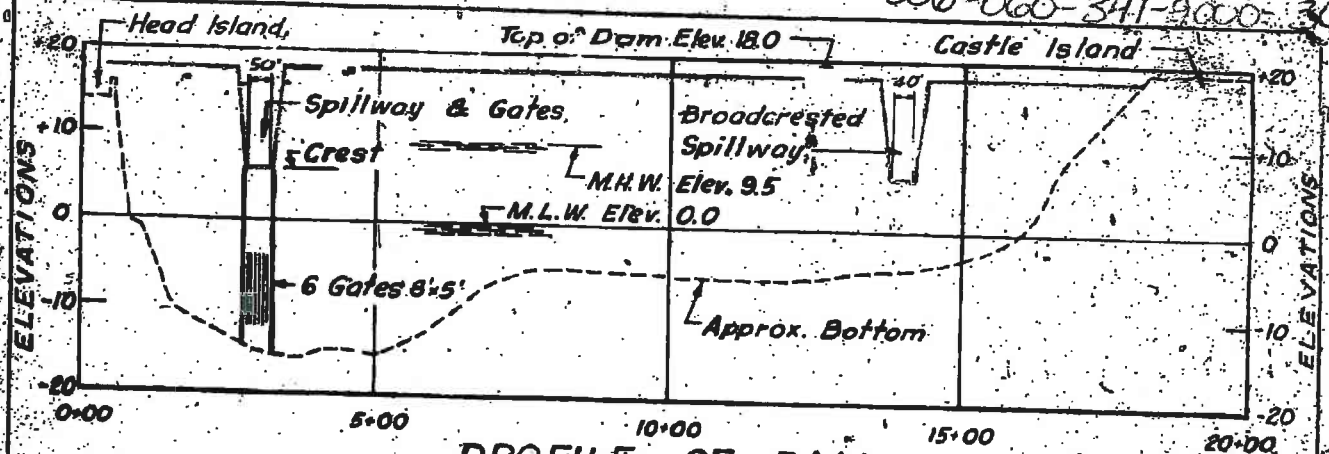
APPLICATION BY

THE COMMONWEALTH OF MASSACHUSETTS

METROPOLITAN DISTRICT COMMISSION

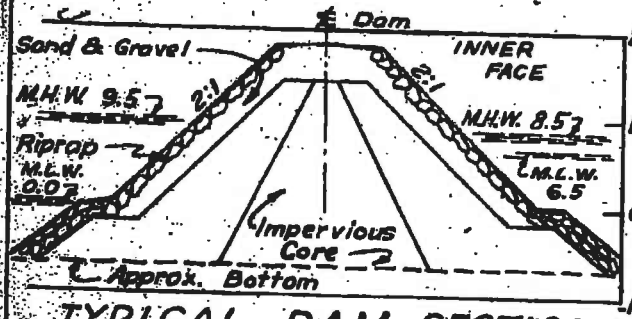
PARKS DIVISION Benjamin W. Frost DIRECTOR

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300

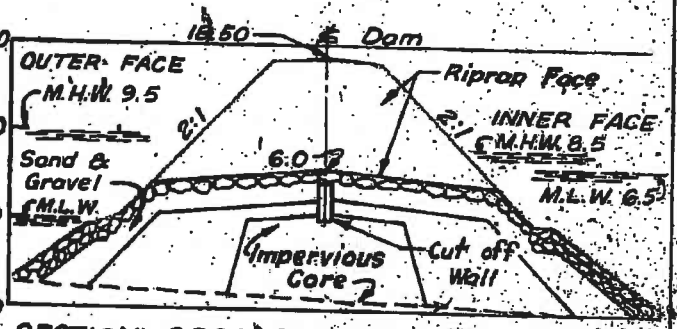


PROFILE OF DAM

Scales in Feet: Hor. 100 0 100 200 — Vert. 20 0 20

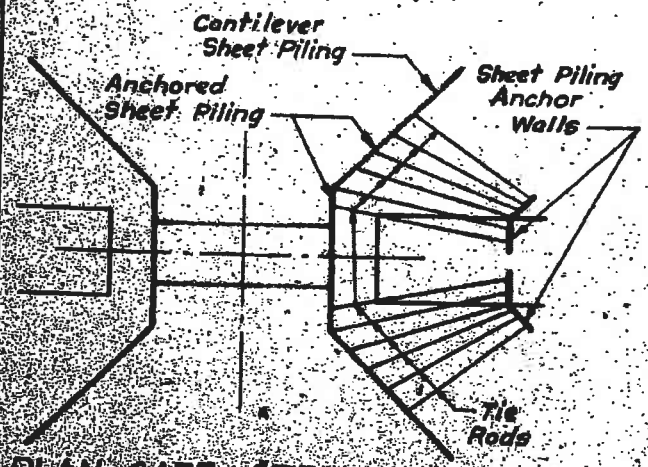


TYPICAL DAM SECTION



SECTION - BROADCRESTED SPILLWAY

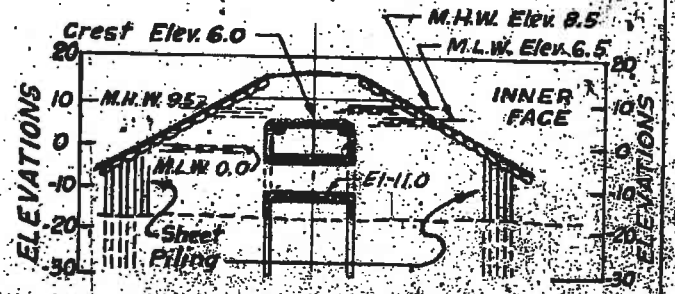
Scales in Feet: Hor. 40 0 40 80 — Vert. 20 0 20



PLAN - GATE STRUCTURE

50 0 50 100

Scale in Feet



SECTION - GATE STRUCTURE

40 0 40 80

Scale in Feet

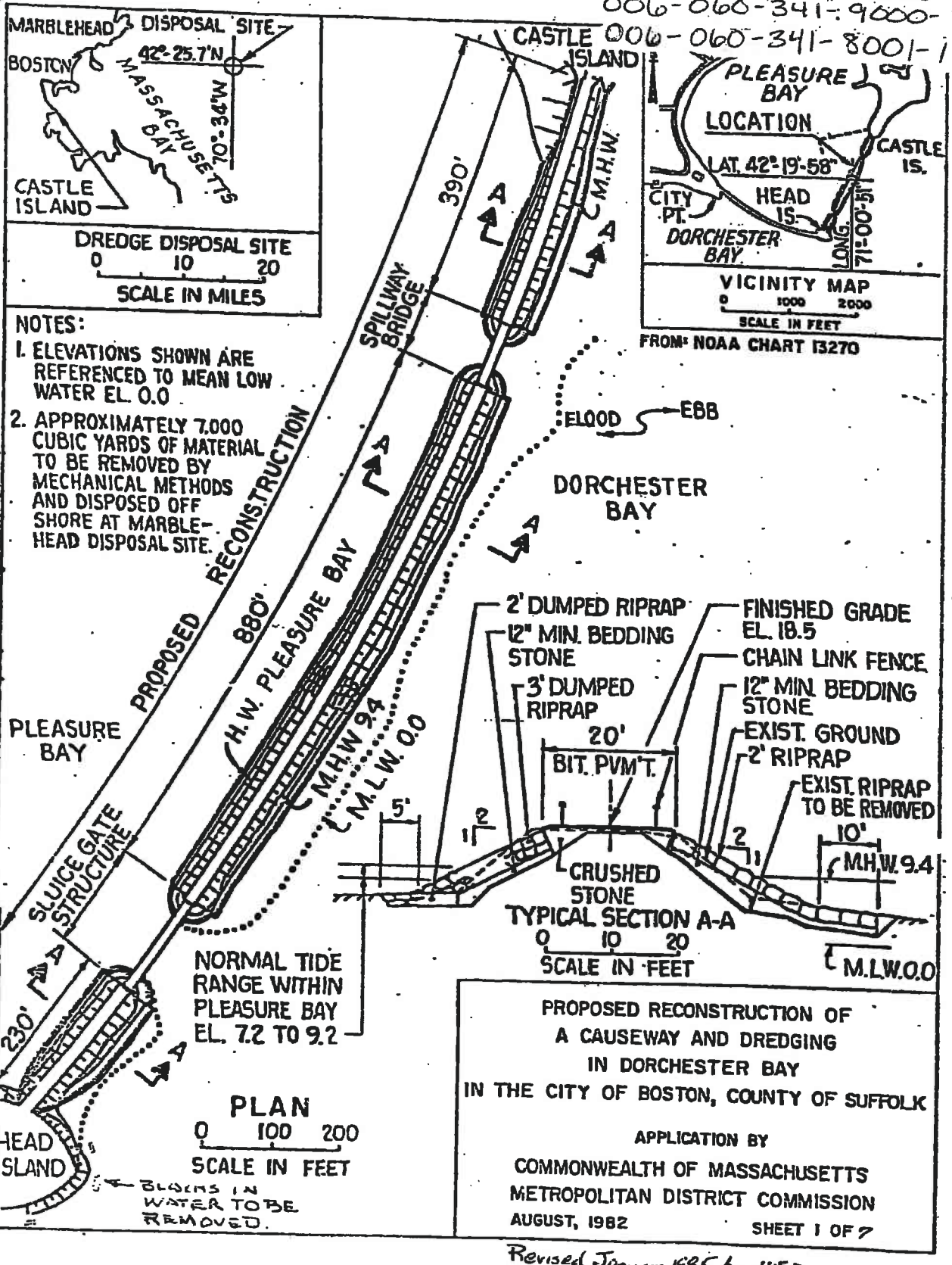
PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

LICENSE PLAN NO. 4051
APPROVED - FEBRUARY 10, 1958

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300
006-060-341-8001-100



TM-066-C-8

Revised January 1985 by WED.

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
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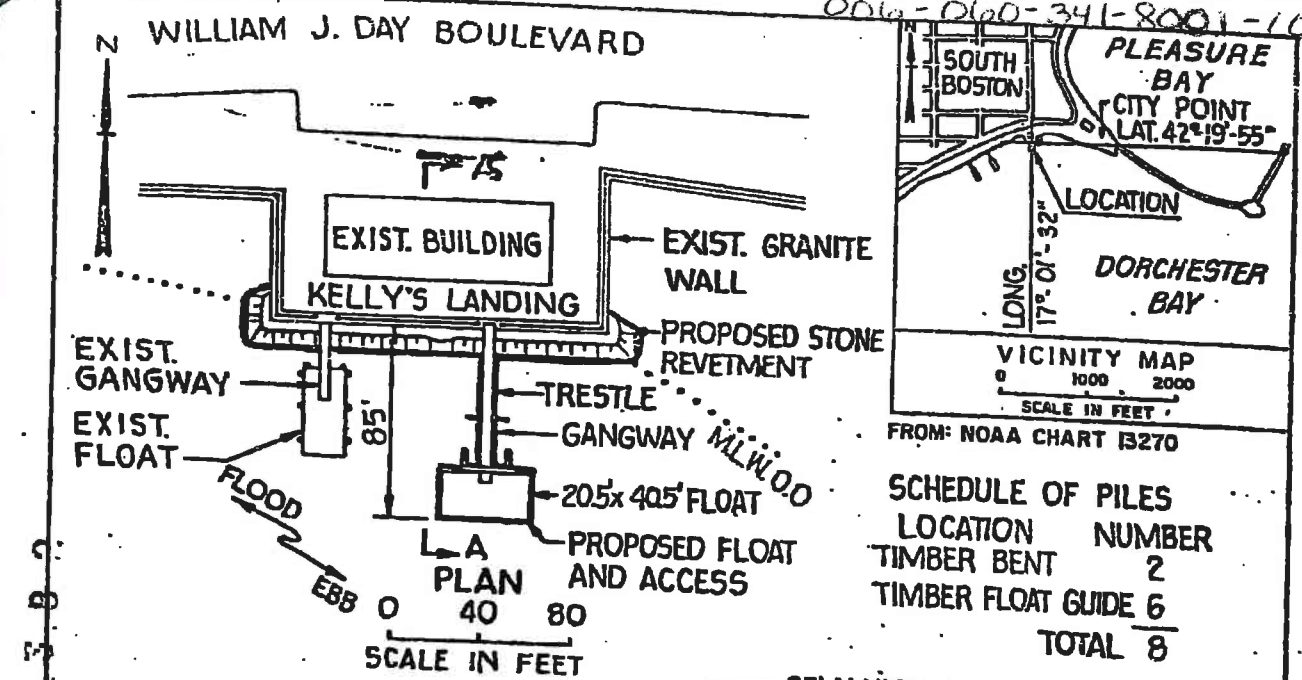
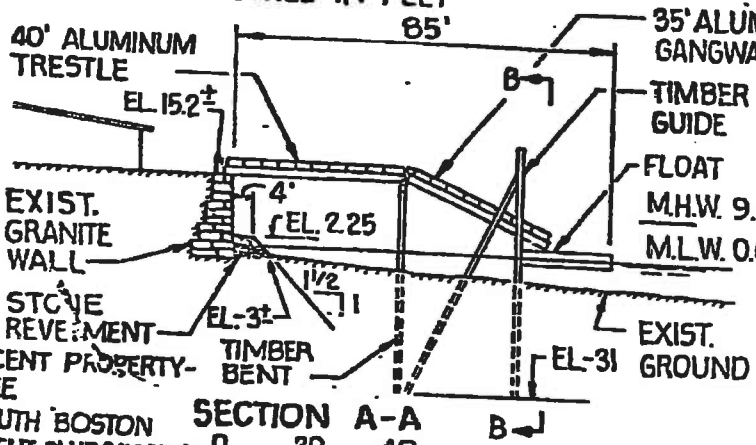
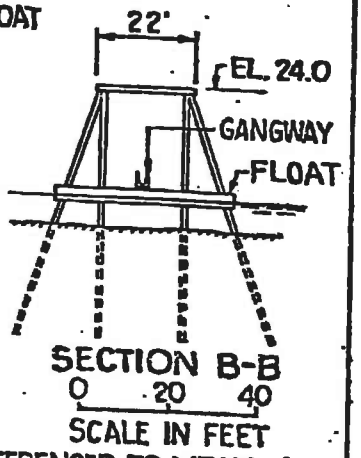


SCHEDULE OF PILES

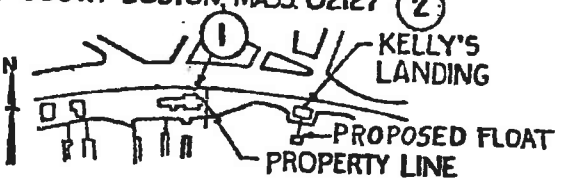
LOCATION	NUMBER
TIMBER BENT	2
TIMBER FLOAT GUIDE	6
TOTAL	8





(1) SOUTH BOSTON YACHT CLUB (LESSEE)
1849 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127

(2) BAYVIEW FOOD INC. (LESSEE)
1830 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127



PLAN - ADJACENT PROPERTY
0 400 800
SCALE IN FEET

NOTES:
1. ELEVATIONS ARE REFERENCED TO MEAN LOW WATER, EL. 0.0

PROPOSED CONSTRUCTION OF
A STONE REVETMENT AND BOAT FLOAT
WITH TRESTLE AND GANGWAY
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982

SHEET 2 OF 7

TM-066-C-10

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300
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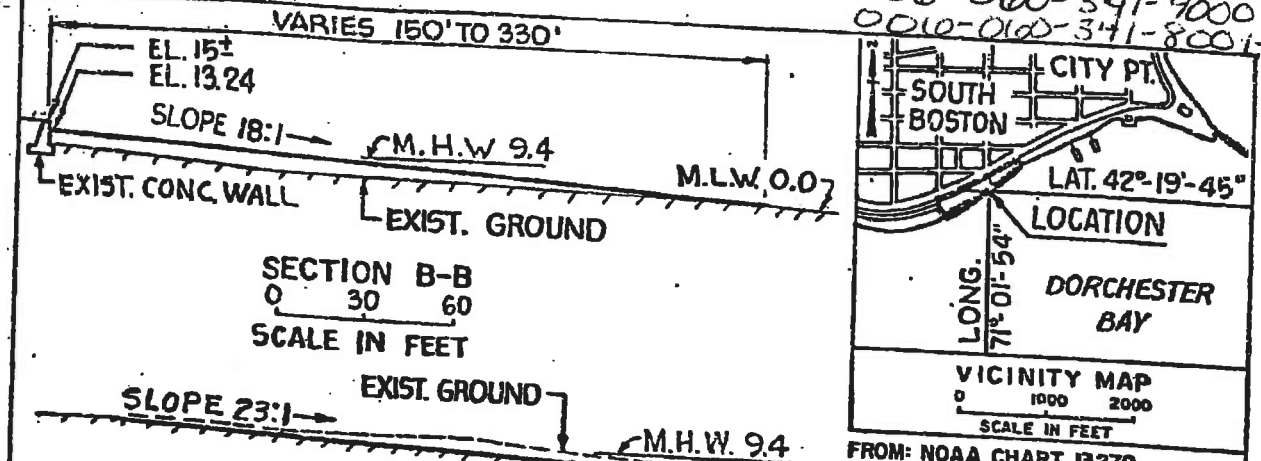
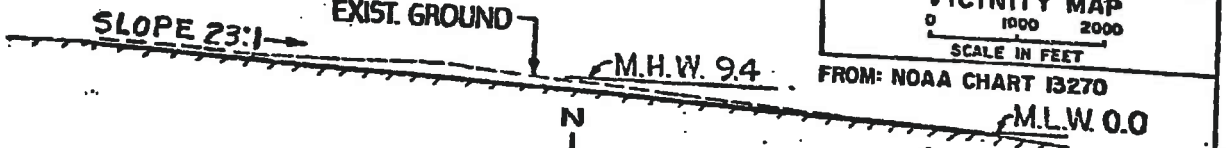


SECTION B-B
0 30 60
SCALE IN FEET



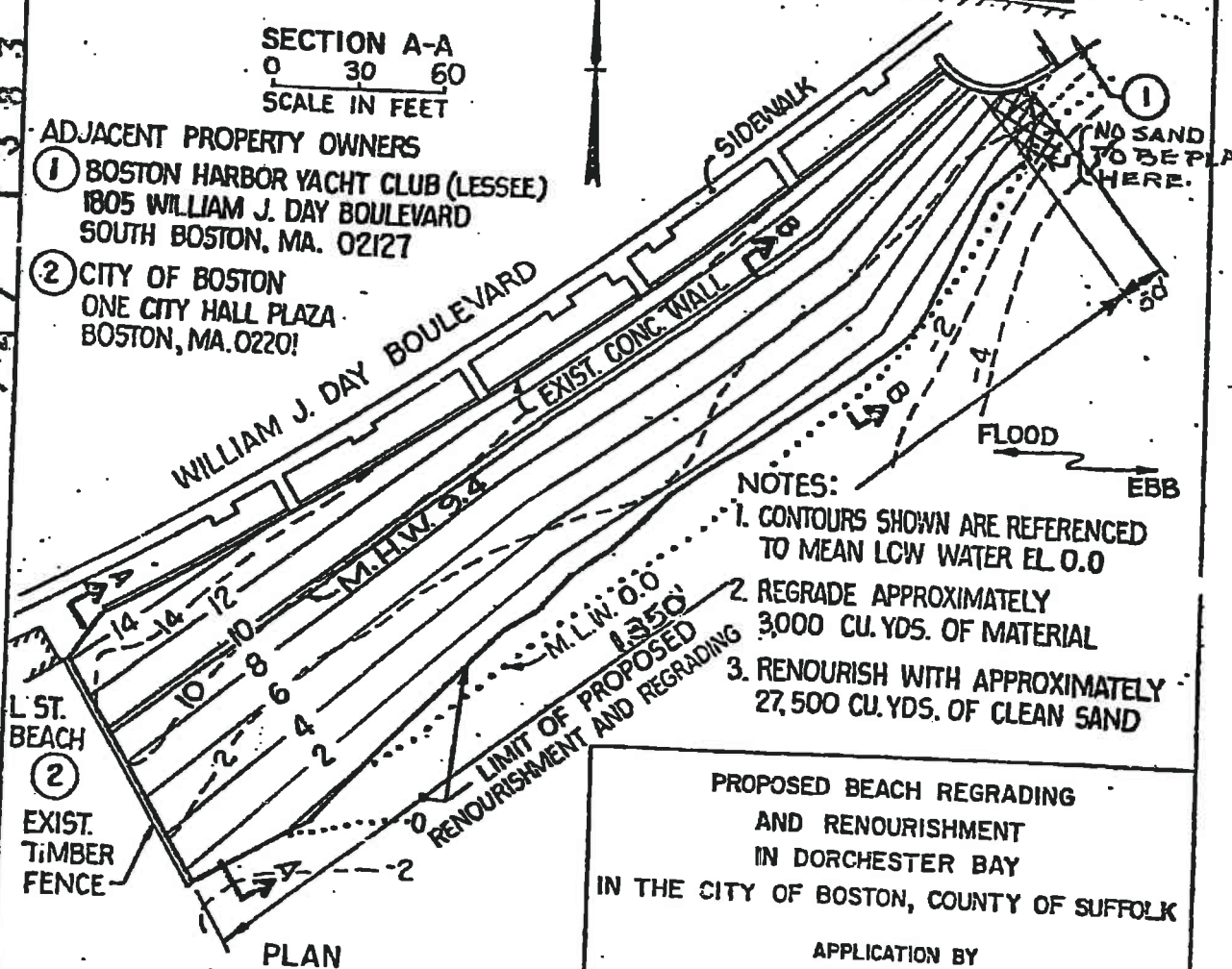
SECTION A-A
0 30 60
SCALE IN FEET

FROM: NOAA CHART 13270

ADJACENT PROPERTY OWNERS

(1) BOSTON HARBOR YACHT CLUB (LESSEE)
1805 WILLIAM J. DAY BOULEVARD
SOUTH BOSTON, MA. 02127

(2) CITY OF BOSTON
ONE CITY HALL PLAZA
BOSTON, MA. 02201



PLAN
0 100 200
SCALE IN FEET

NOTES:
1. CONTOURS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. REGRADE APPROXIMATELY 3,000 CU. YDS. OF MATERIAL
3. RENOURISH WITH APPROXIMATELY 27,500 CU. YDS. OF CLEAN SAND

PROPOSED BEACH REGRADING
AND RENOURISHMENT
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 3 OF 7

REVISED BY NED JAN. 1985

TM-066-C-11

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300
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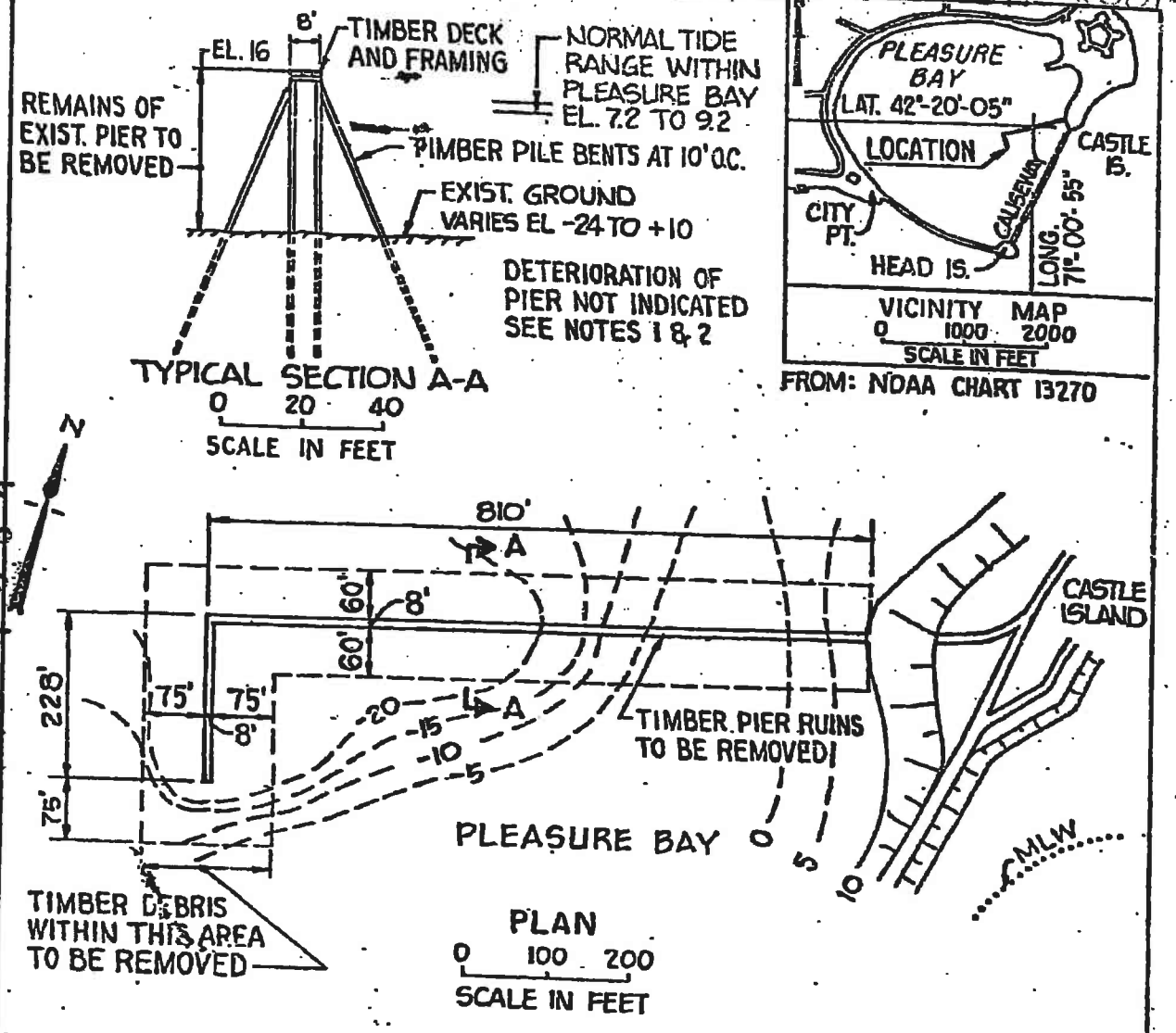

NOTES:

1. APPROXIMATELY 10 BAYS WITH PLANKING AND STRINGERS IN PLACE.
2. APPROXIMATELY 200 TIMBER PILES VISIBLE ABOVE PLEASURE BAY LOW WATER.
3. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0

PROPOSED REMOVAL OF
TIMBER PIER
IN PLEASURE BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 4 OF 7

TM-066-C-9

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
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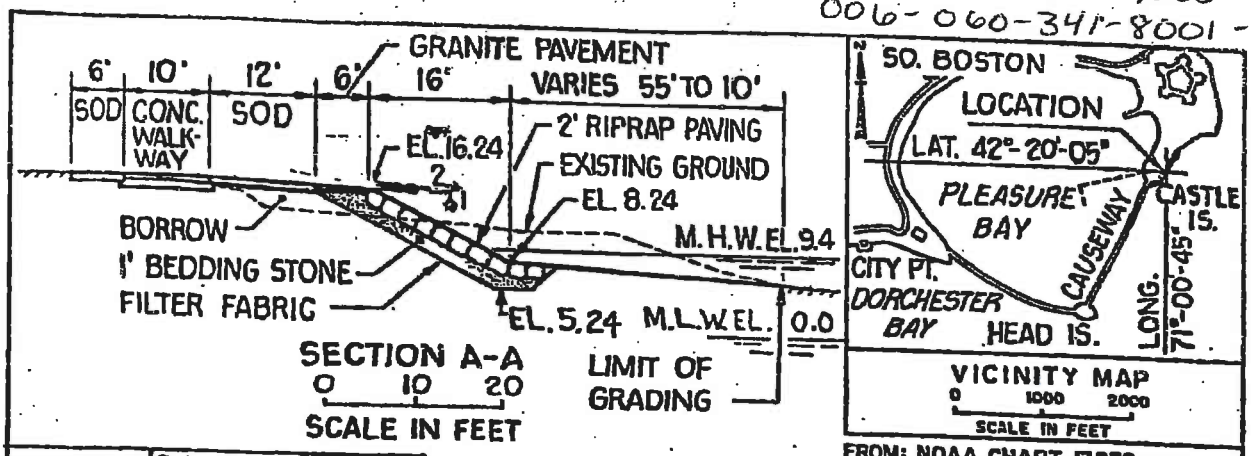
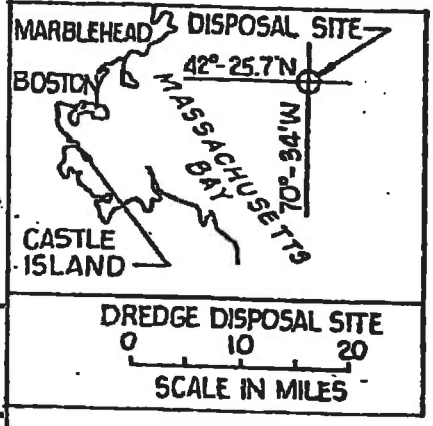
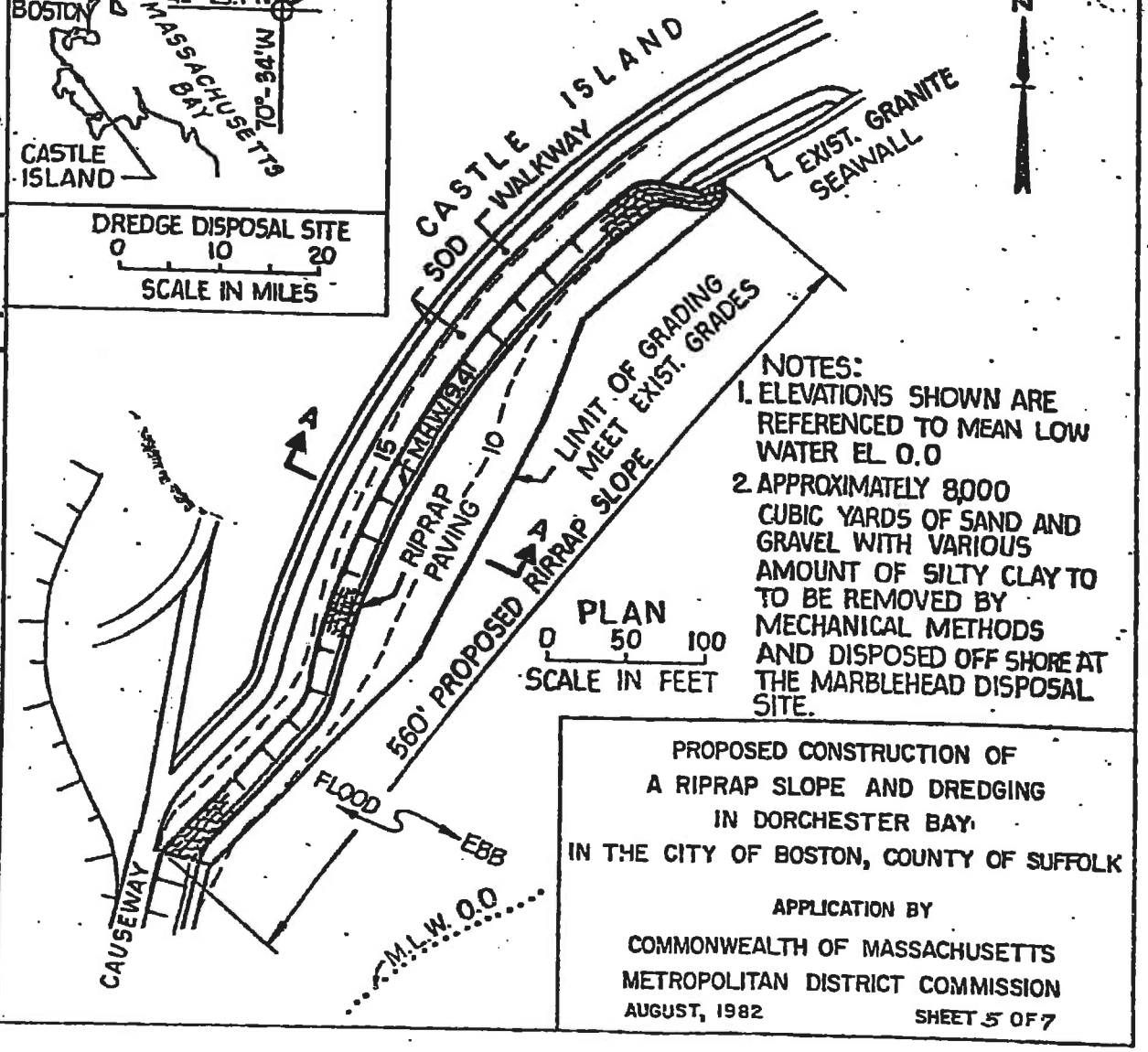
006-060-341-9000-300
006-060-341-8001-100



FROM: NOAA CHART 13270





NOTES:
1. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. APPROXIMATELY 8,000 CUBIC YARDS OF SAND AND GRAVEL WITH VARIOUS AMOUNT OF SILTY CLAY TO TO BE REMOVED BY MECHANICAL METHODS AND DISPOSED OFF SHORE AT THE MARBLEHEAD DISPOSAL SITE.

PROPOSED CONSTRUCTION OF
A RIPRAP SLOPE AND DREDGING
IN DORCHESTER BAY,
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 5 OF 7

TM-066-C-7

9 4 7 1 3 8 5

006-070-267-2000-100
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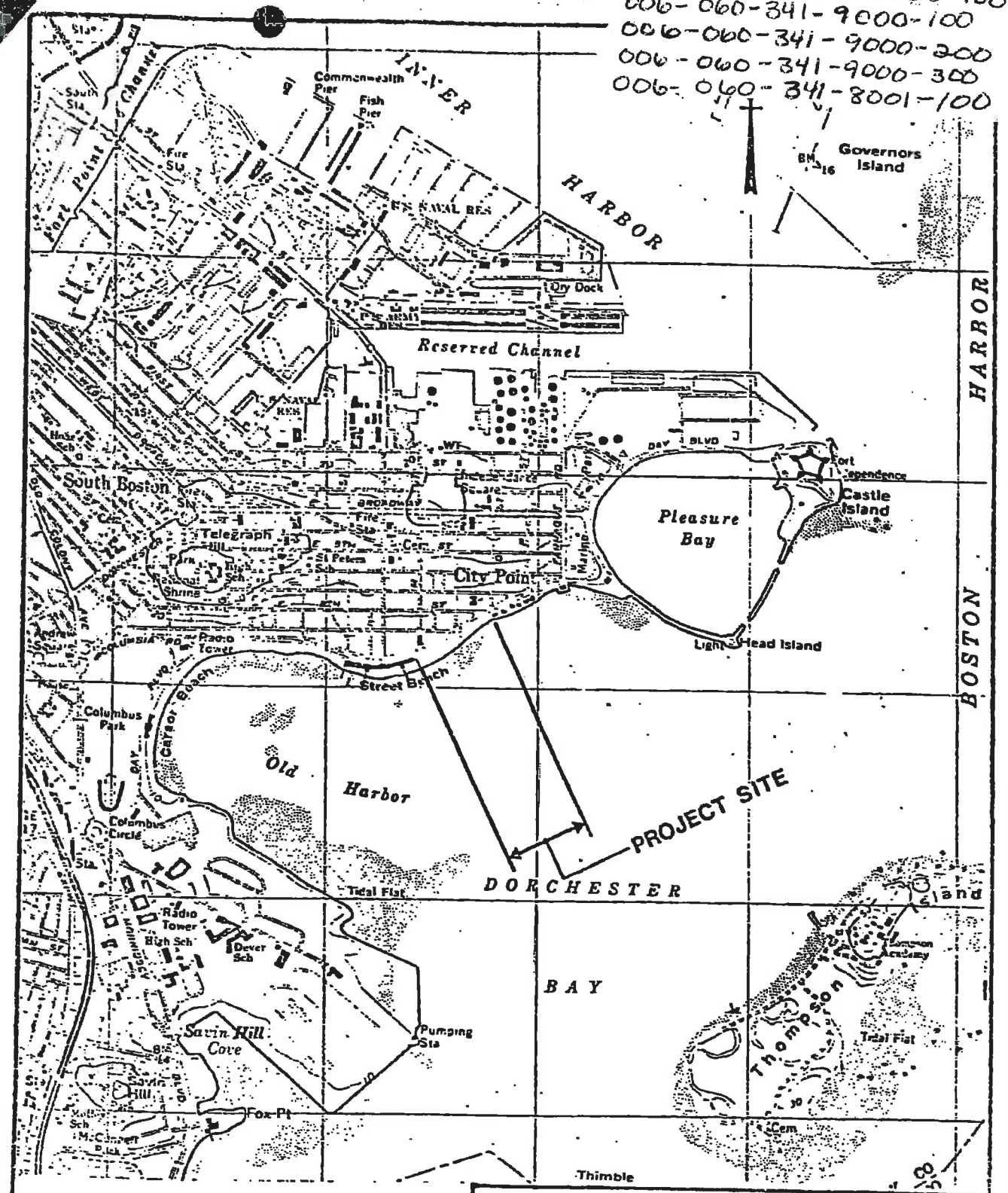

SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
BOSTON SOUTH QUADRANGLE
MASSACHUSETTS

SCALE 1:25 000
1000 0 1000 2000 FEET

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

BEACH RESTORATION - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

FEBRUARY 1992 SHEET 6 OF 7

947 0137 1986

006-070-267-2000-100
006-070-271-0000-100
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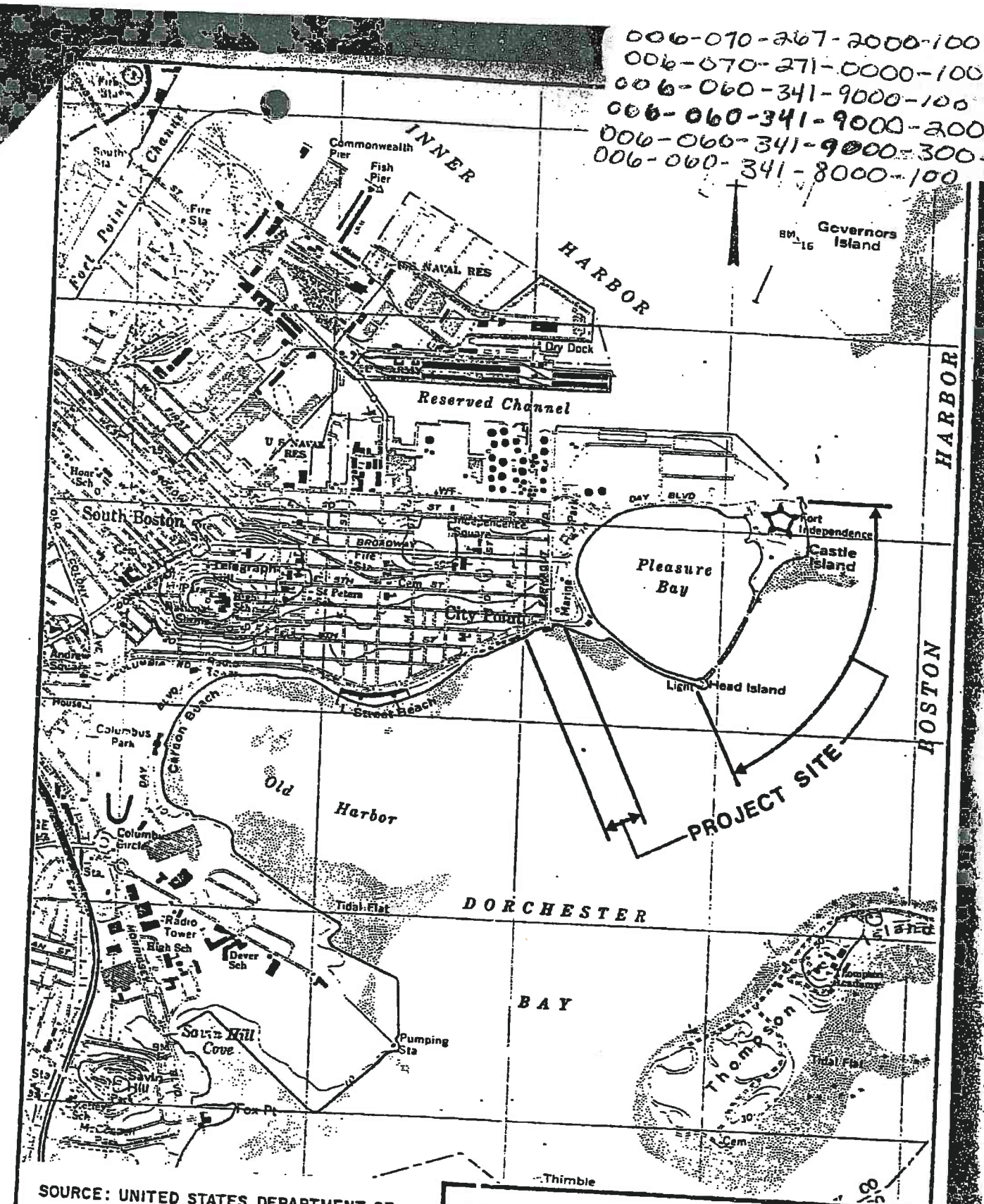
947-1387



SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
BOSTON SOUTH QUADRANGLE
MASSACHUSETTS

SCALE 1:25 000
1000 0 1000 2000 FEET

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

PROPOSED MARITIME WORK - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

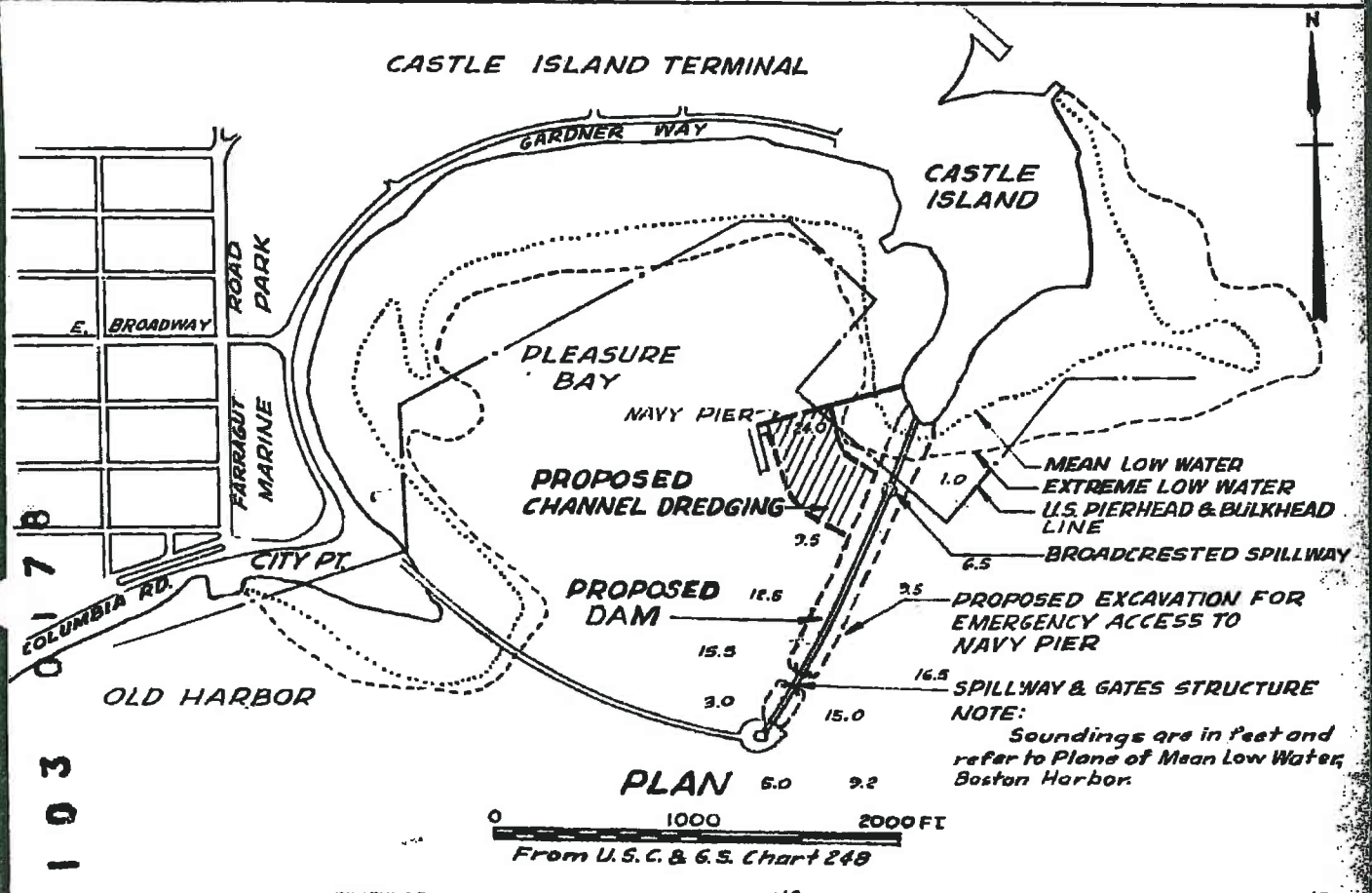
APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

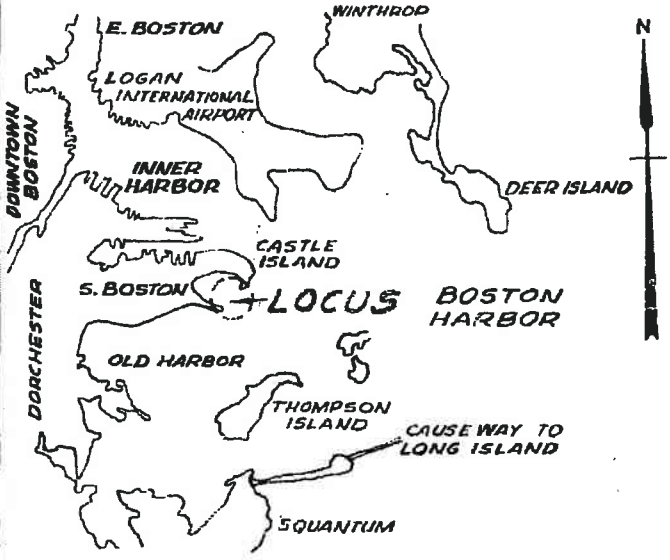
MARCH 1982

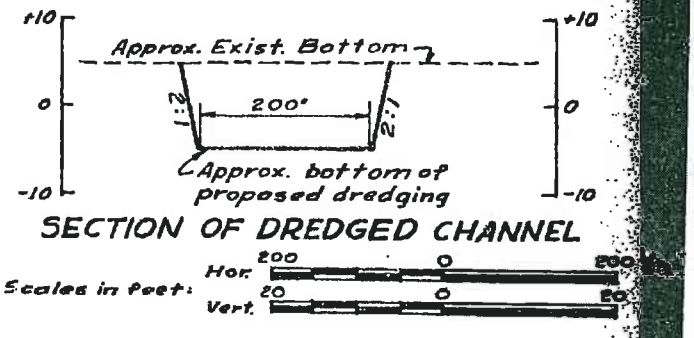
SHEET 7 OF 7

0 8 1 5 0 4

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300







PROPOSED DAM AND HYDRAULIC STRUCTURES

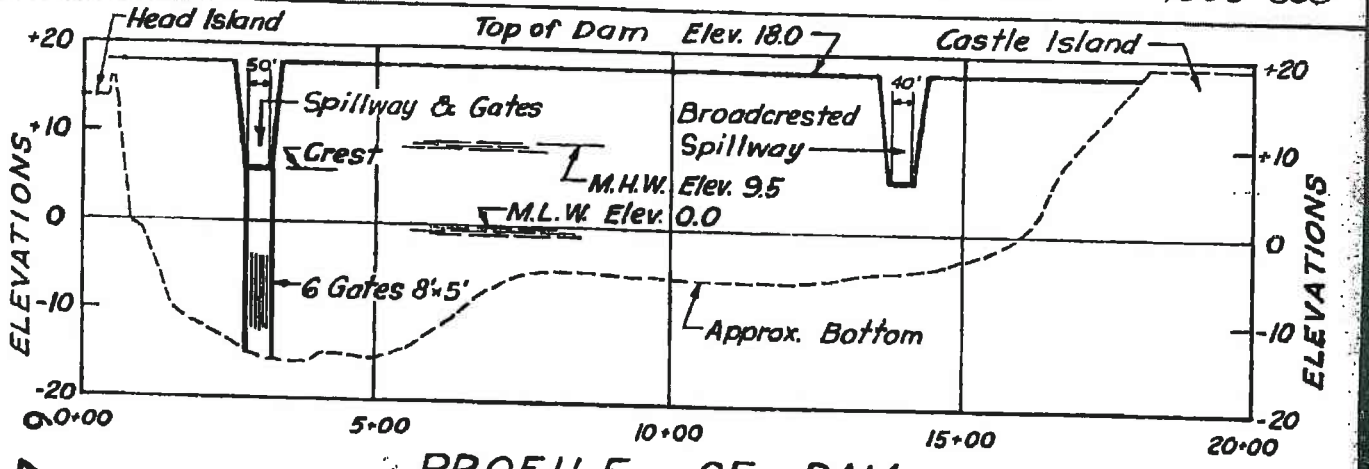
PLEASURE BAY — SOUTH BOSTON
SUFFOLK COUNTY — MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

PARKS DIVISION Benjamin W. Fink DIRECTOR

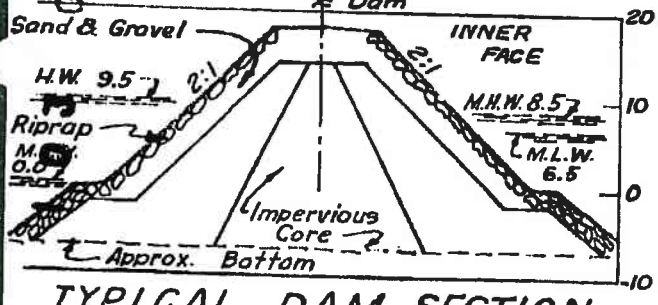
0 8 4 1 6 0 5

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300

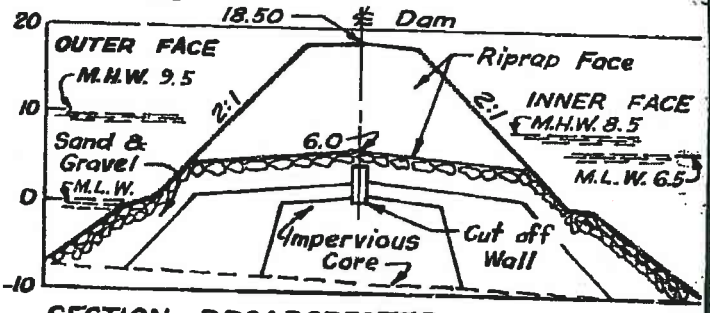


PROFILE OF DAM

Scales in Feet: Hor. 100 0 500
Vert. 20 0 20

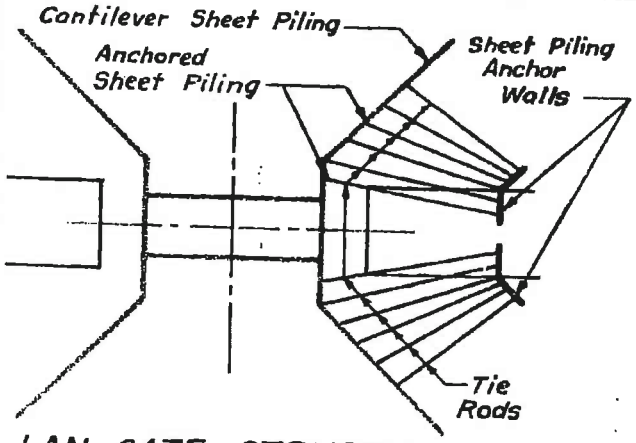


TYPICAL DAM SECTION



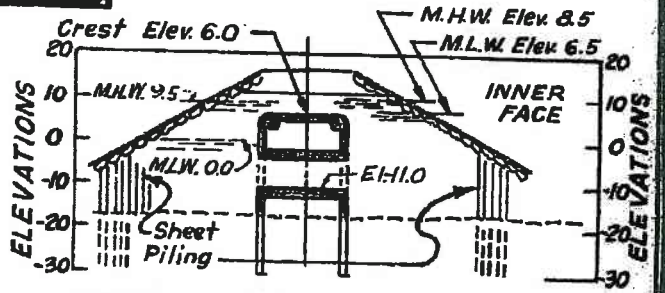
SECTION - BROADCRESTED SPILLWAY

Scales in Feet: Hor. 40 0 40
Vert. 20 0 20



LAN-GATE STRUCTURE

50 0 50
Scale in Feet



SECTION - GATE STRUCTURE

40 0 40
Scale in Feet

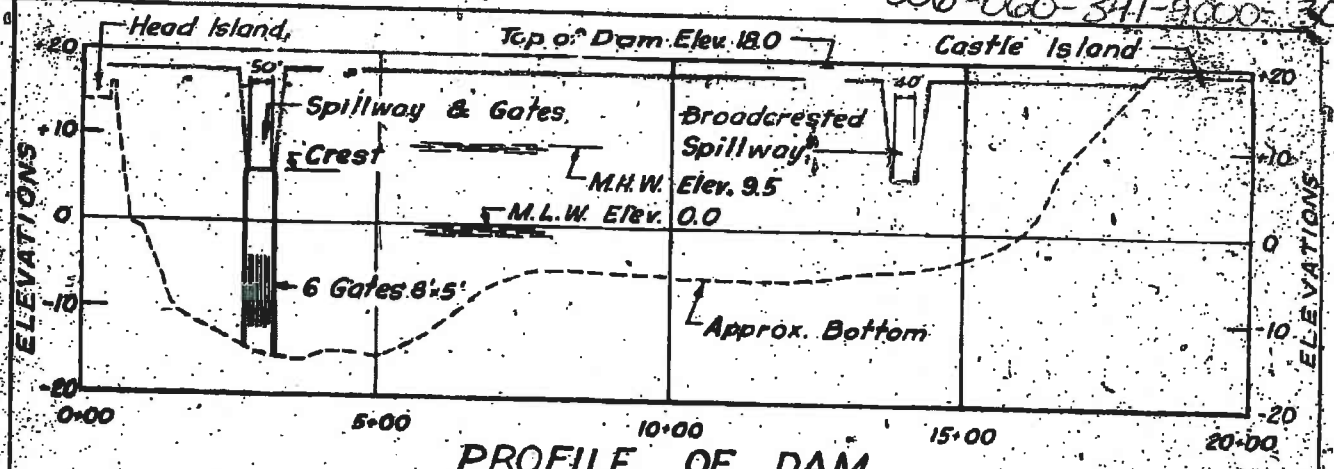
PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

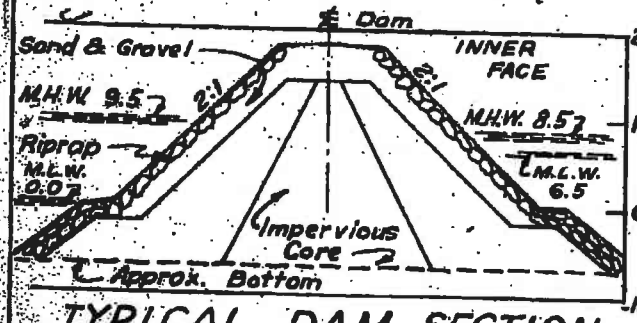
PARKS DIVISION Benjamin W. Frost DIRECTOR

006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300

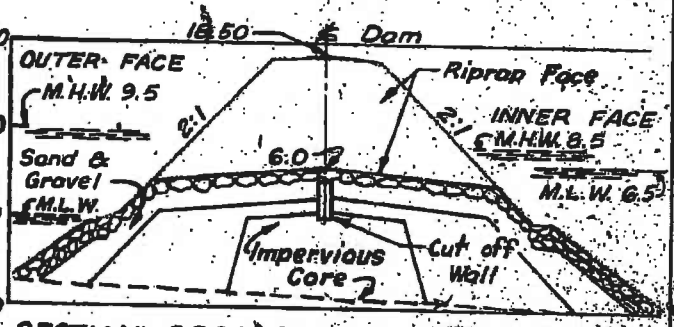


PROFILE OF DAM

Scales in Feet: Hor. 100 0 500 Vert. 20 0 20

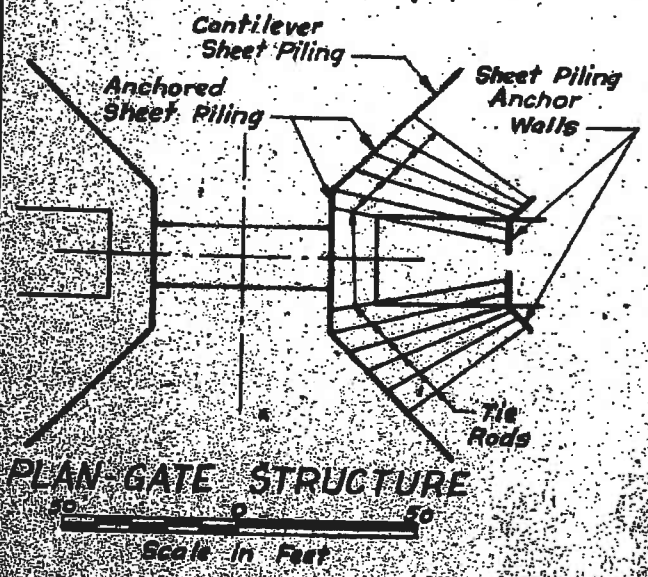


TYPICAL DAM SECTION



SECTION - BROADCRESTED SPILLWAY

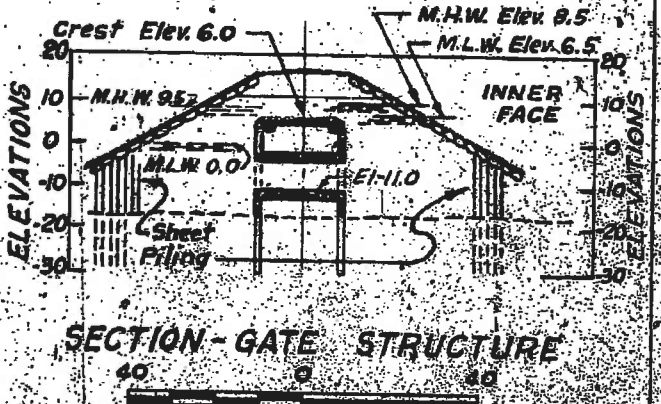
Scales in Feet: Hor. 40 0 40 Vert. 20 0 20



PLAN - GATE STRUCTURE

50 0 50

Scale in Feet



SECTION - GATE STRUCTURE

40 0 40

Scale in Feet

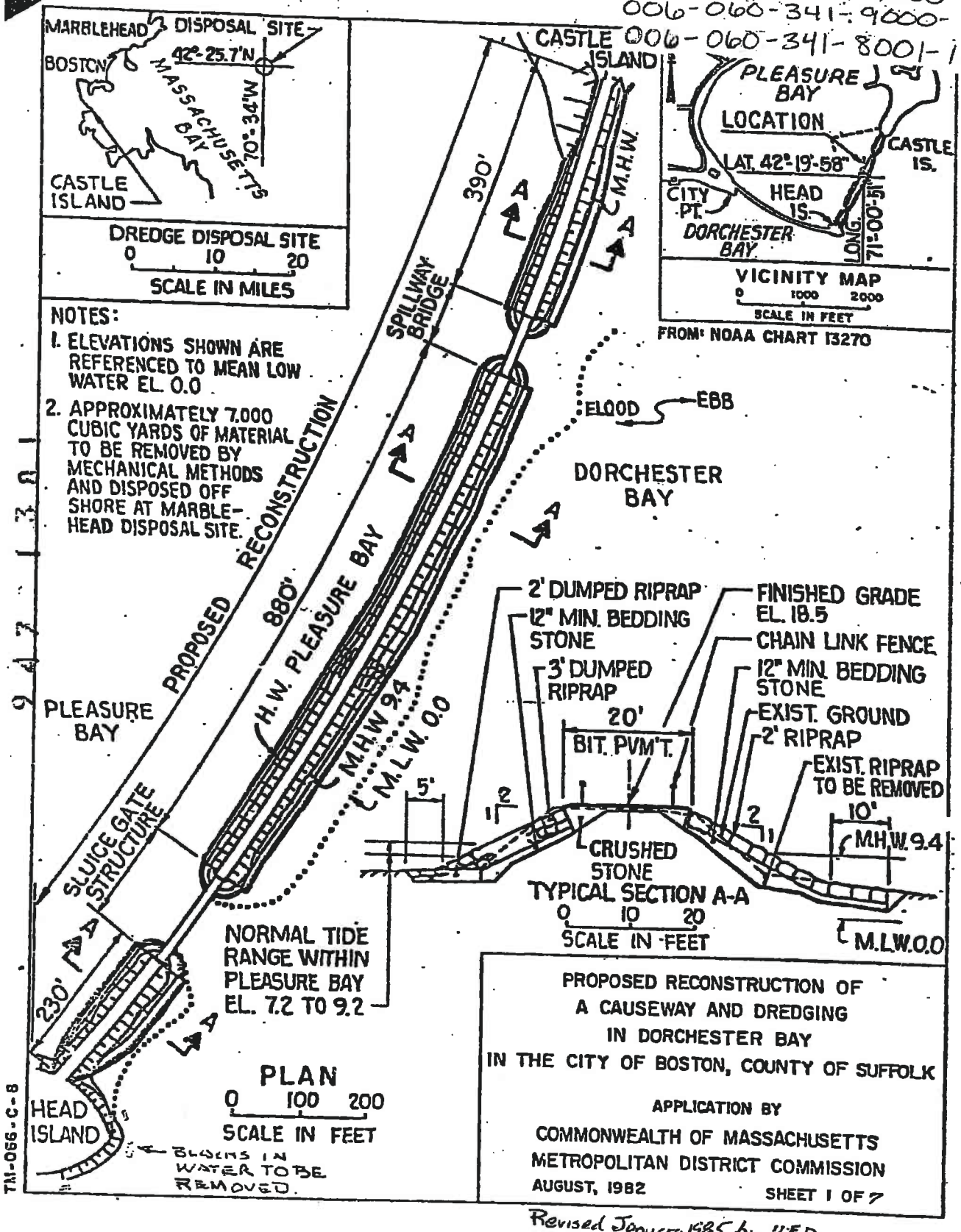
PROPOSED DAM AND HYDRAULIC STRUCTURES

PLEASURE BAY
SUFFOLK COUNTY
SOUTH BOSTON
MASSACHUSETTS

APPLICATION BY
THE COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

LICENSE PLAN NO. 4051
APPROVED - FEBRUARY 10, 1958

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
006-060-341-9000-200
006-060-341-9000-300
006-060-341-8001-100



PROPOSED RECONSTRUCTION OF A CAUSEWAY AND DREDGING IN DORCHESTER BAY IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY

COMMONWEALTH OF MASSACHUSETTS METROPOLITAN DISTRICT COMMISSION

AUGUST, 1982 SHEET 1 OF 7

Revised January 1985 by WED.

TM-066-C-8

006-070-267-2000-100
006-070-271-0000-100
006-060-341-9000-100
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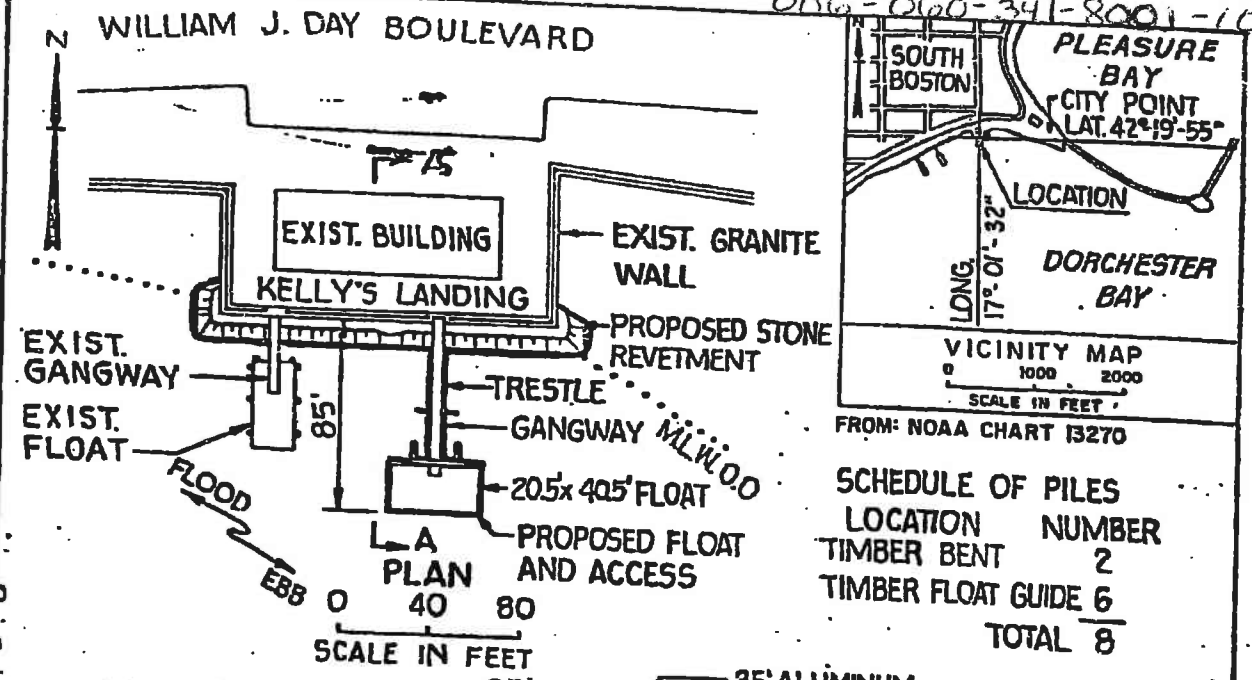
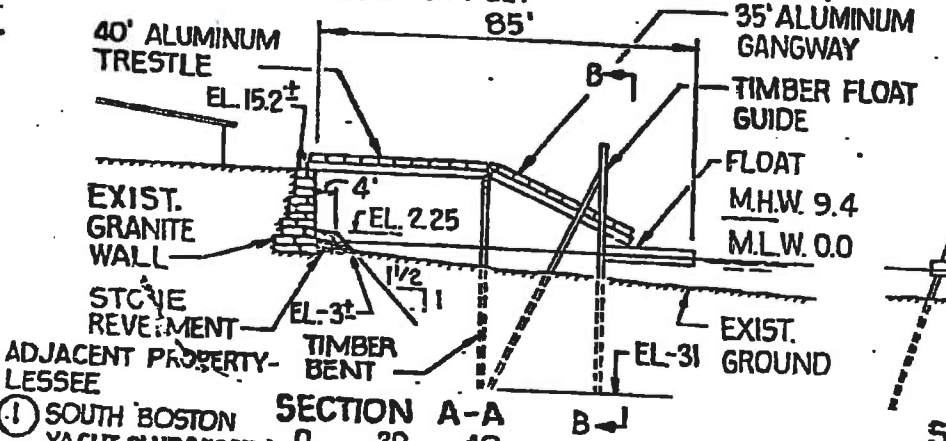
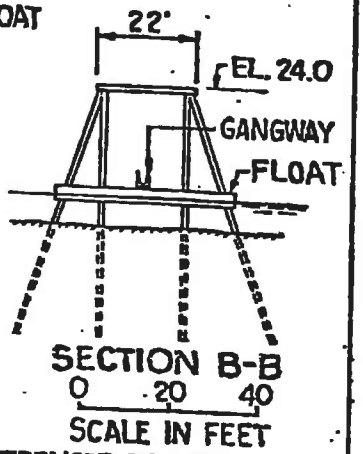


SCHEDULE OF PILES

LOCATION	NUMBER
TIMBER BENT	2
TIMBER FLOAT GUIDE	6
TOTAL	8

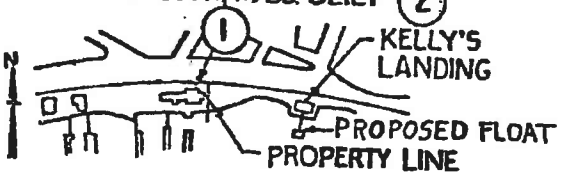




(1) SOUTH BOSTON YACHT CLUB (LESSEE)
1849 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127

(2) BAYVIEW FOOD INC. (LESSEE)
1830 COLUMBIA ROAD
SOUTH BOSTON, MASS. 02127

NOTES:
1. ELEVATIONS ARE REFERENCED TO MEAN LOW WATER, EL. 0.0



PLAN - ADJACENT PROPERTY
0 400 800
SCALE IN FEET

PROPOSED CONSTRUCTION OF
A STONE REVETMENT AND BOAT FLOAT
WITH TRESTLE AND GANGWAY
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 2 OF 7

TM-066-C-10

006-070-267-2000-100
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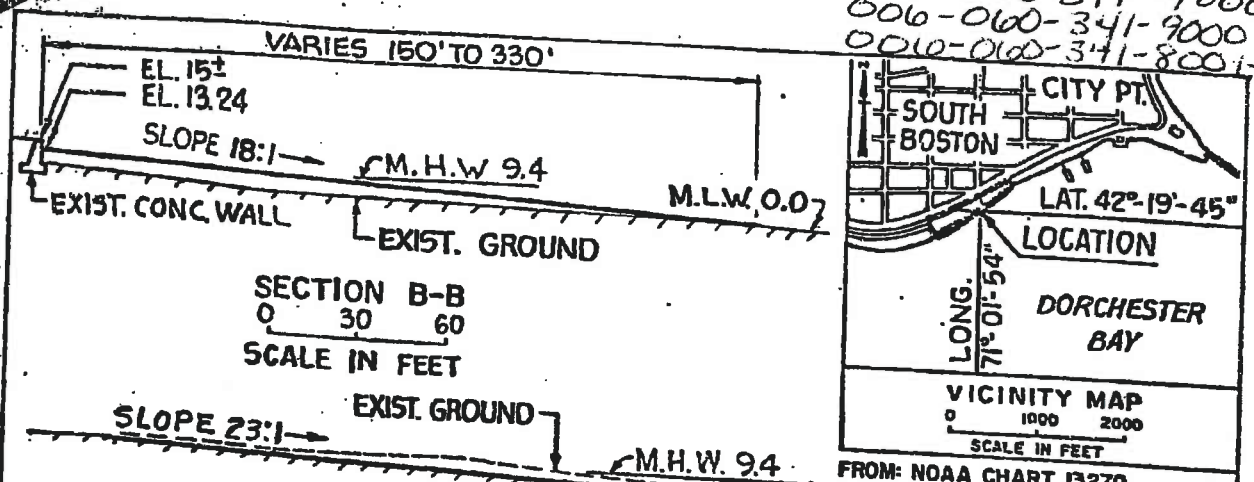
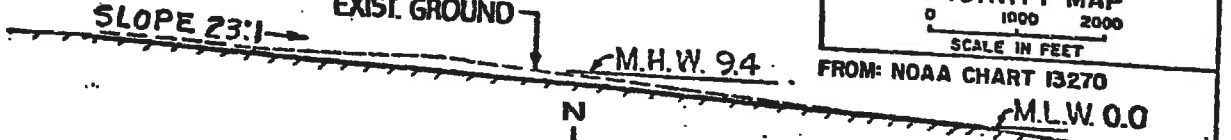


SECTION B-B
0 30 60
SCALE IN FEET



SECTION A-A
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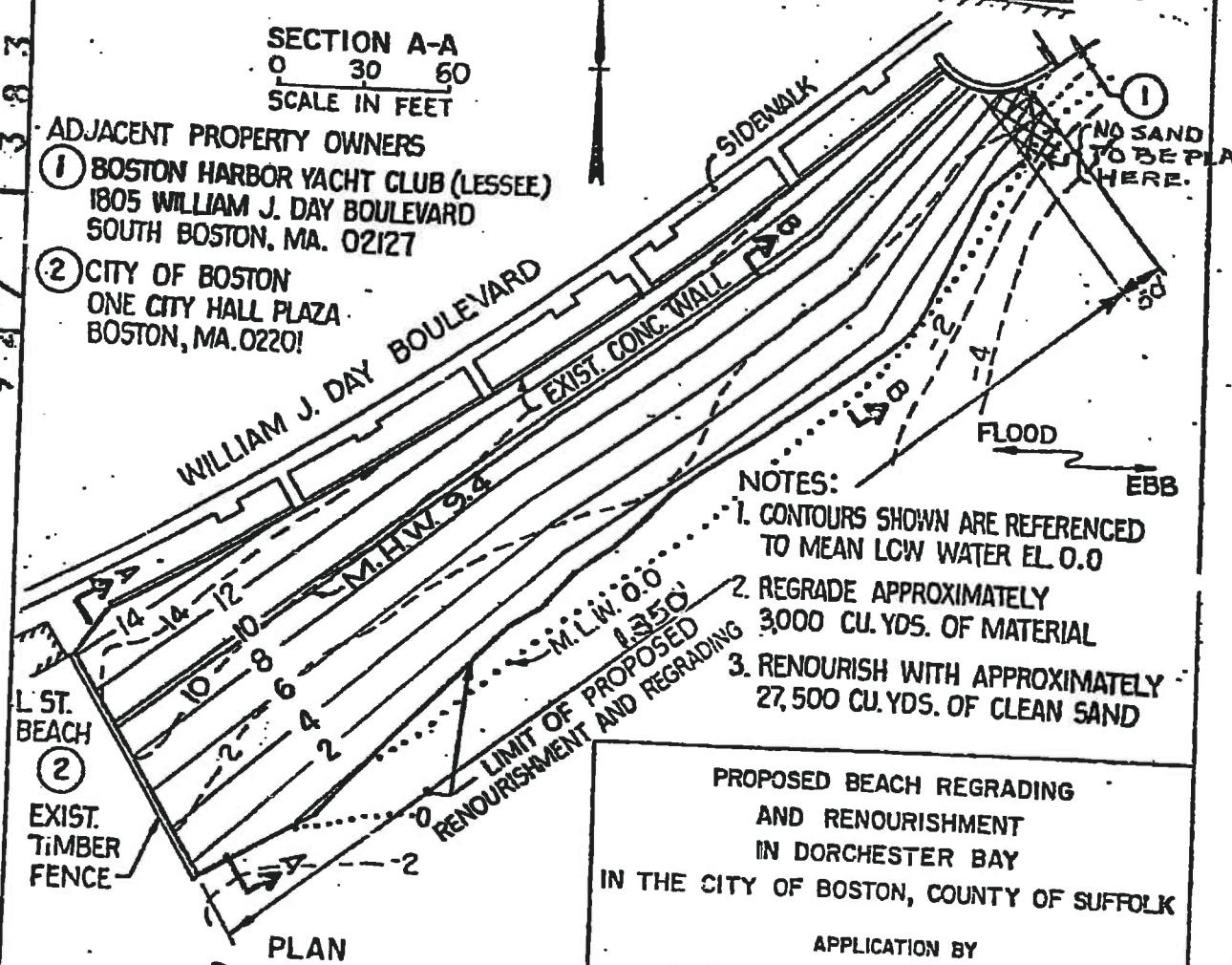
SCALE IN FEET

FROM: NOAA CHART 13270

ADJACENT PROPERTY OWNERS

(1) BOSTON HARBOR YACHT CLUB (LESSEE)
1805 WILLIAM J. DAY BOULEVARD
SOUTH BOSTON, MA. 02127

(2) CITY OF BOSTON
ONE CITY HALL PLAZA
BOSTON, MA. 02201



PLAN
0 100 200
SCALE IN FEET

NOTES:
1. CONTOURS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. REGRADE APPROXIMATELY 3,000 CU. YDS. OF MATERIAL
3. RENOURISH WITH APPROXIMATELY 27,500 CU. YDS. OF CLEAN SAND

PROPOSED BEACH REGRADING
AND RENOURISHMENT
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 3 OF 7

REVISED BY NED JAN. 1985

TM-066-C-11

006-070-267-2000-100
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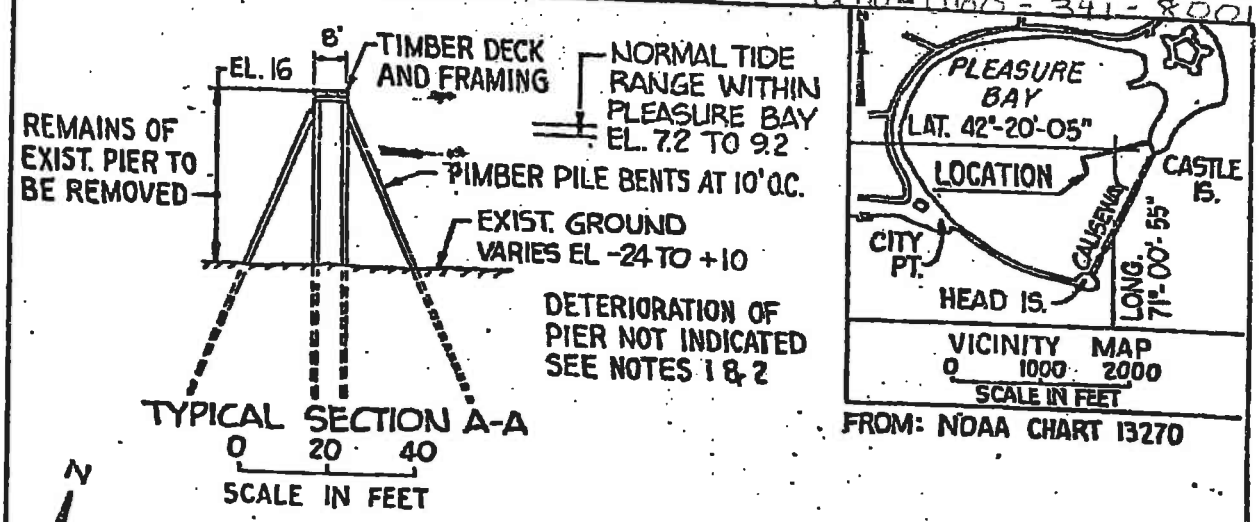

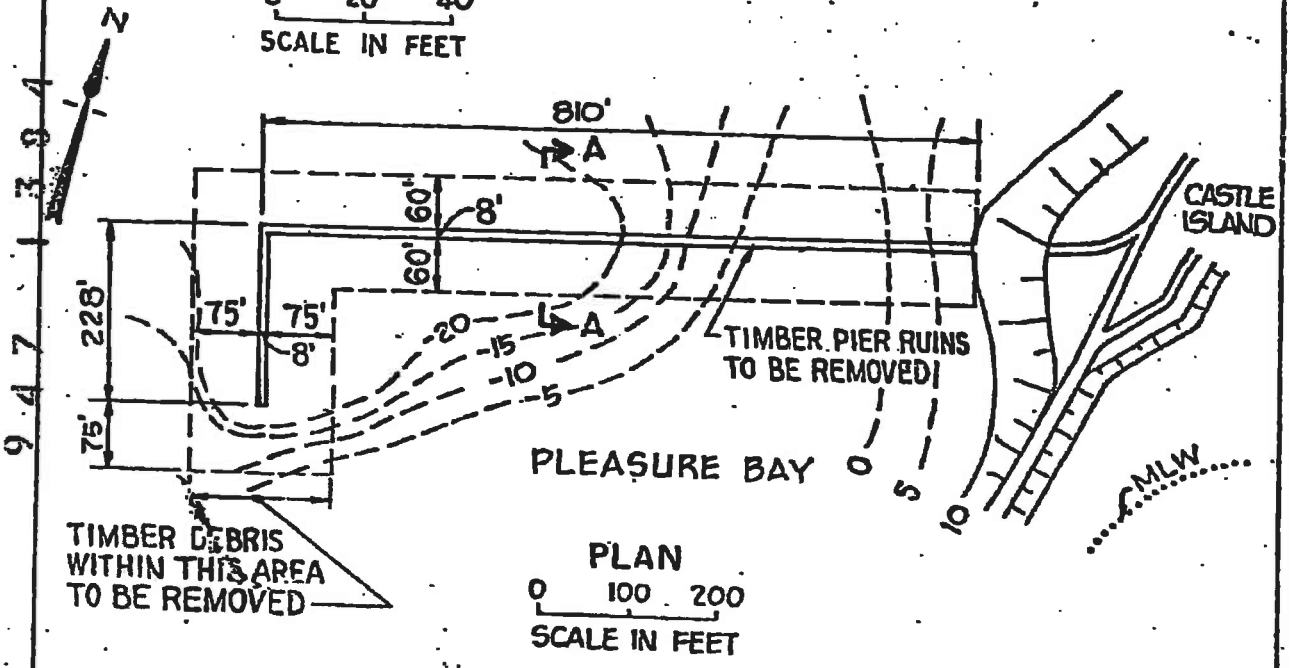

NOTES:

1. APPROXIMATELY 10 BAYS WITH PLANKING AND STRINGERS IN PLACE.
2. APPROXIMATELY 200 TIMBER PILES VISIBLE ABOVE PLEASURE BAY LOW WATER.
3. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0

PROPOSED REMOVAL OF
TIMBER PIER
IN PLEASURE BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 4 OF 7

TM-066-C-9

006-070-267-2000-100
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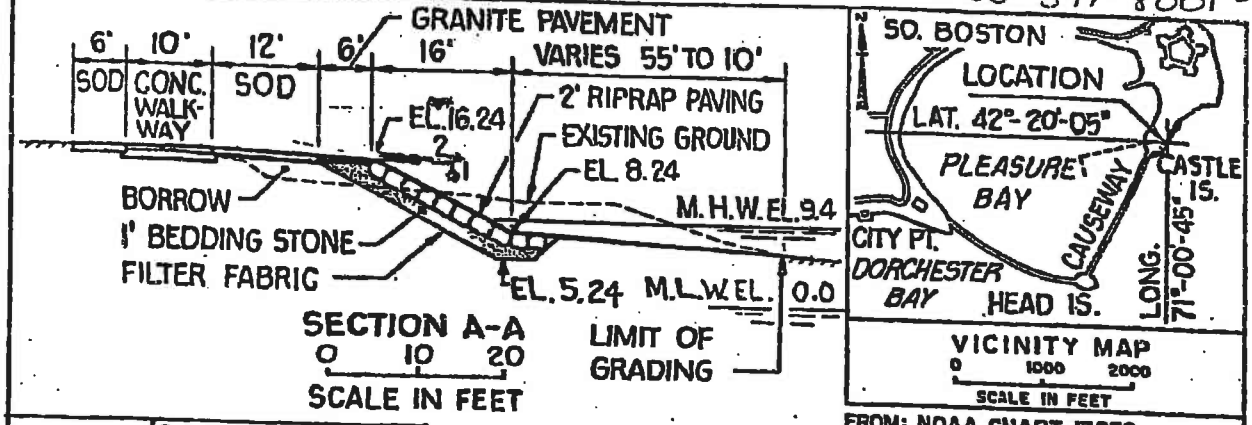
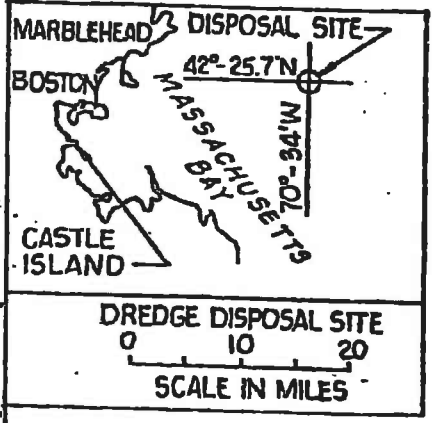
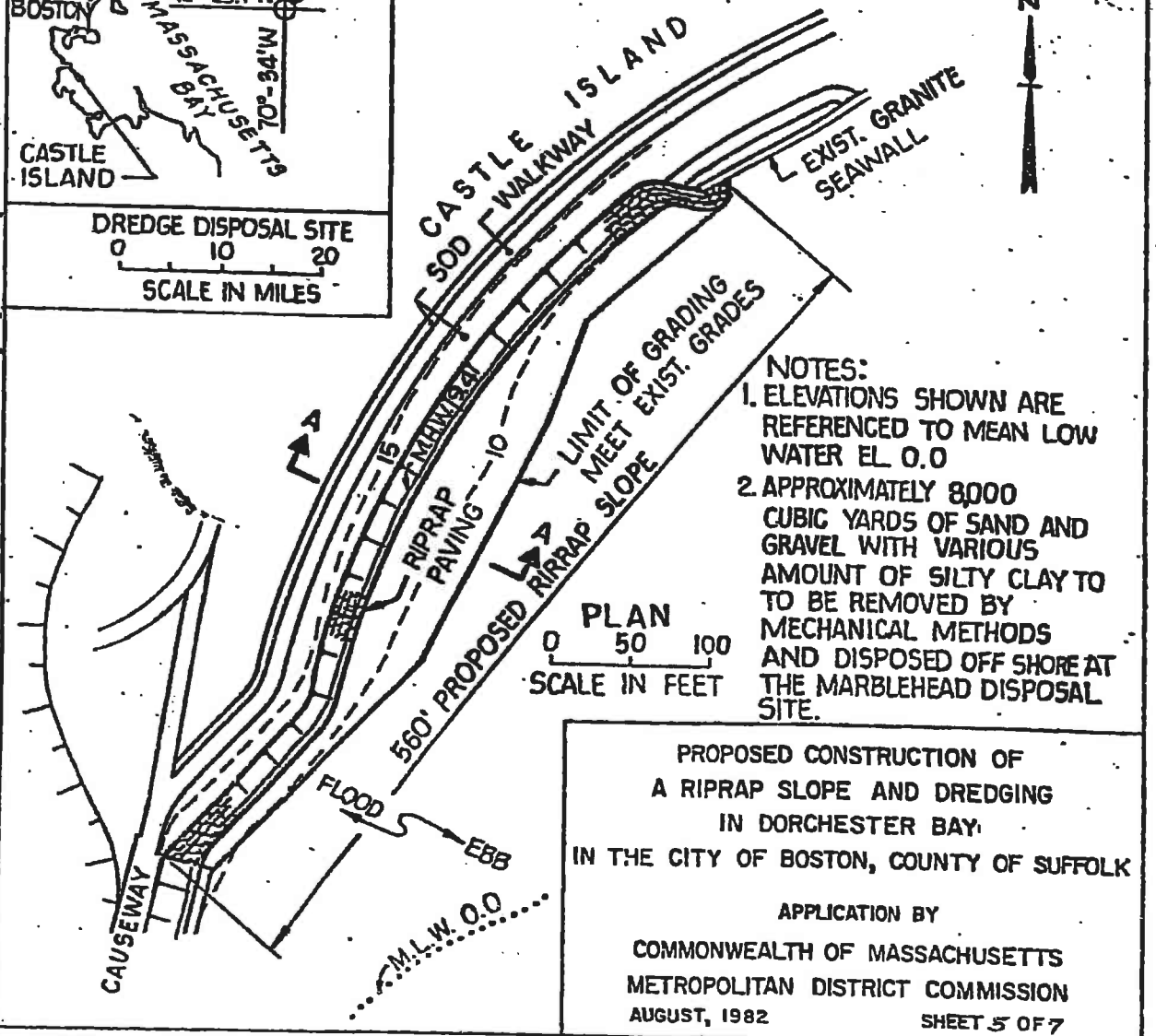


FROM: NOAA CHART 13270





NOTES:
1. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. APPROXIMATELY 8,000 CUBIC YARDS OF SAND AND GRAVEL WITH VARIOUS AMOUNT OF SILTY CLAY TO TO BE REMOVED BY MECHANICAL METHODS AND DISPOSED OFF SHORE AT THE MARBLEHEAD DISPOSAL SITE.

PROPOSED CONSTRUCTION OF
A RIPRAP SLOPE AND DREDGING
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982

SHEET 5 OF 7

TM-066-C-7

9 4 7 | 3 8 5

006-070-267-2000-100
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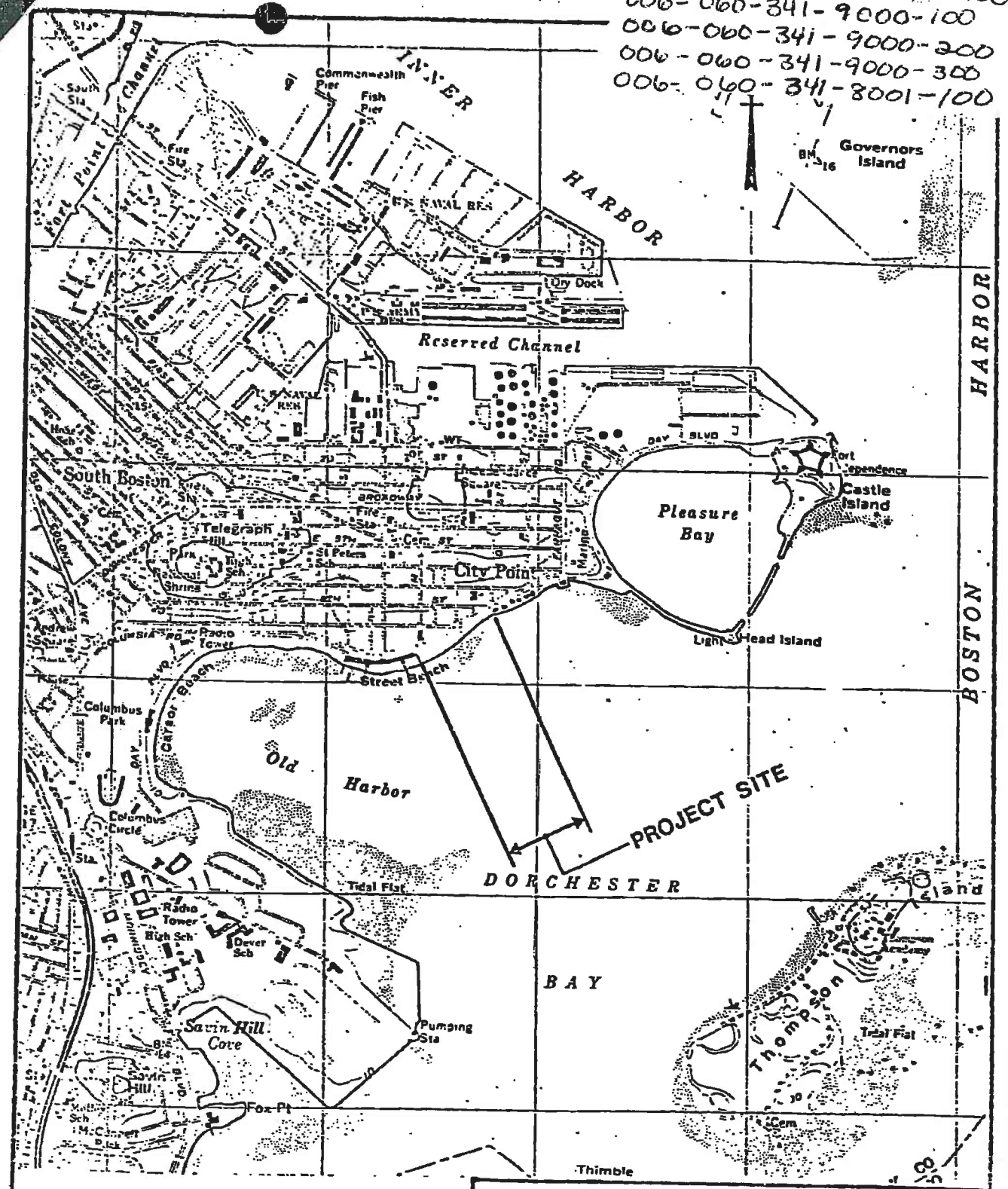

SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
BOSTON SOUTH QUADRANGLE
MASSACHUSETTS

SCALE 1:25 000

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

BEACH RESTORATION - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

FEBRUARY 1992 SHEET 6 OF 7

947 0337 1386

006-070-267-2000-100
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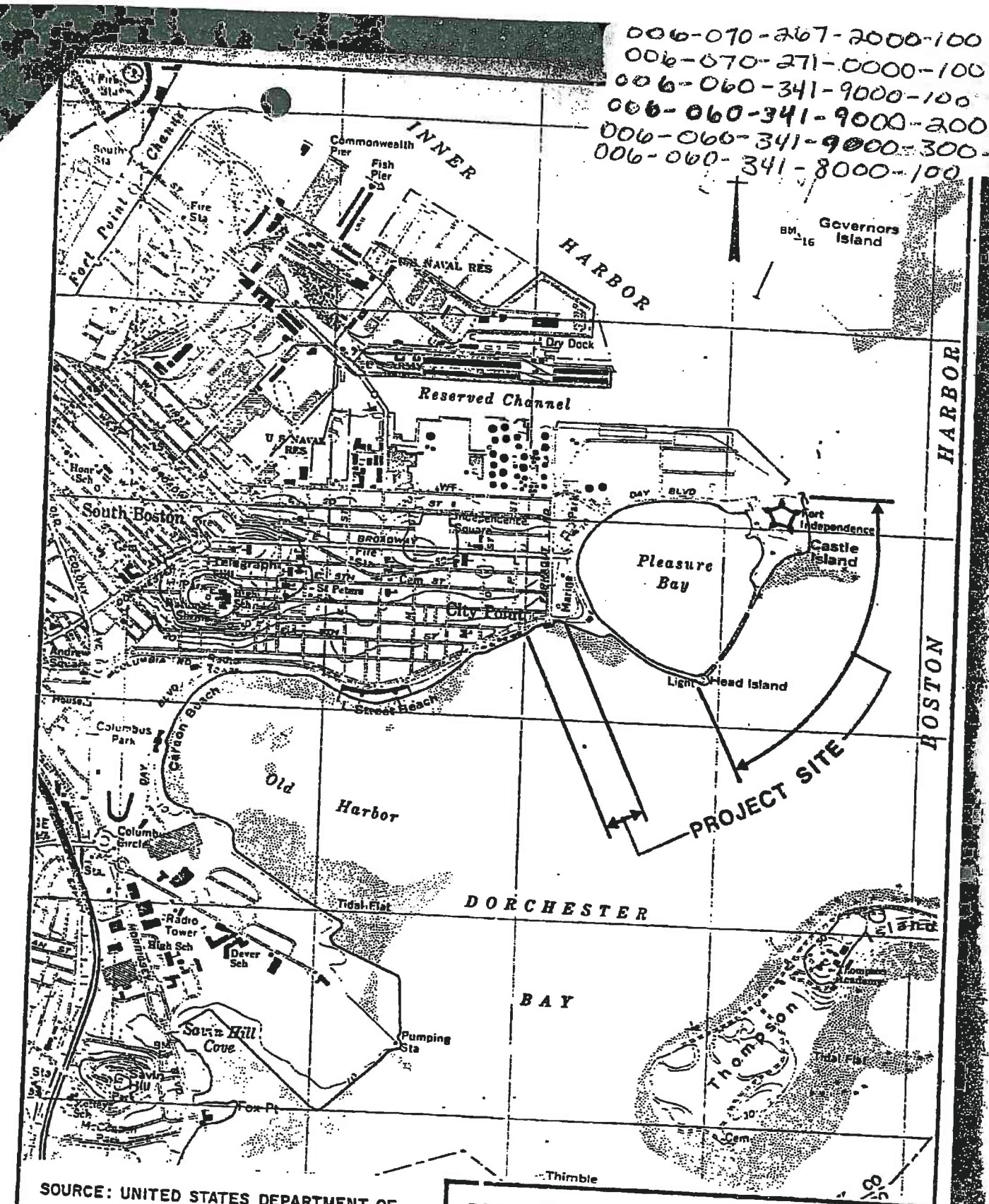

SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
BOSTON SOUTH QUADRANGLE
MASSACHUSETTS

SCALE 1:25 000
1000 0 1000 2000 FEET

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

PROPOSED MARITIME WORK - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

MARCH 1982

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006-060-341-5000-100
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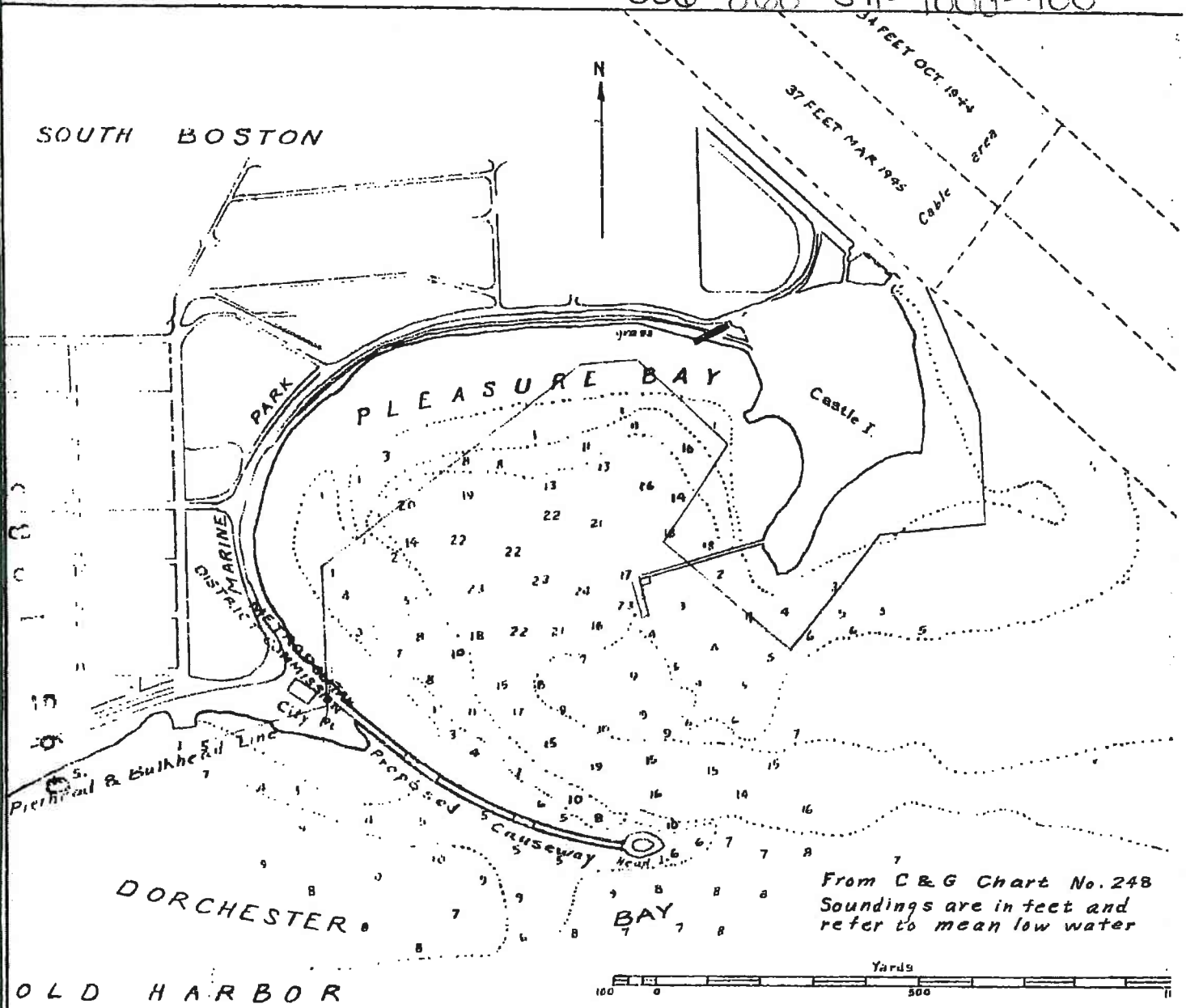


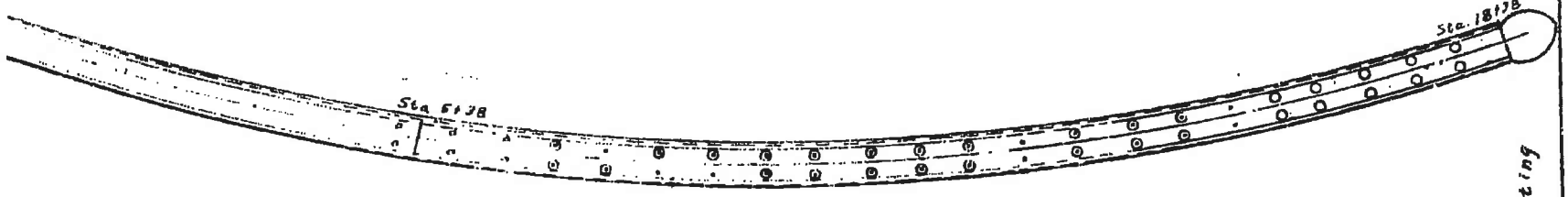
LOCATION PLAN

PROPOSED CAUSEWAY
FROM CITY POINT TO HEAD ISLAND
at Marine Park So. Boston
County of Suffolk, Mass.
Application. Met. Dist. Comm.
Sheet 1 of 4 Sept. 25, 1950

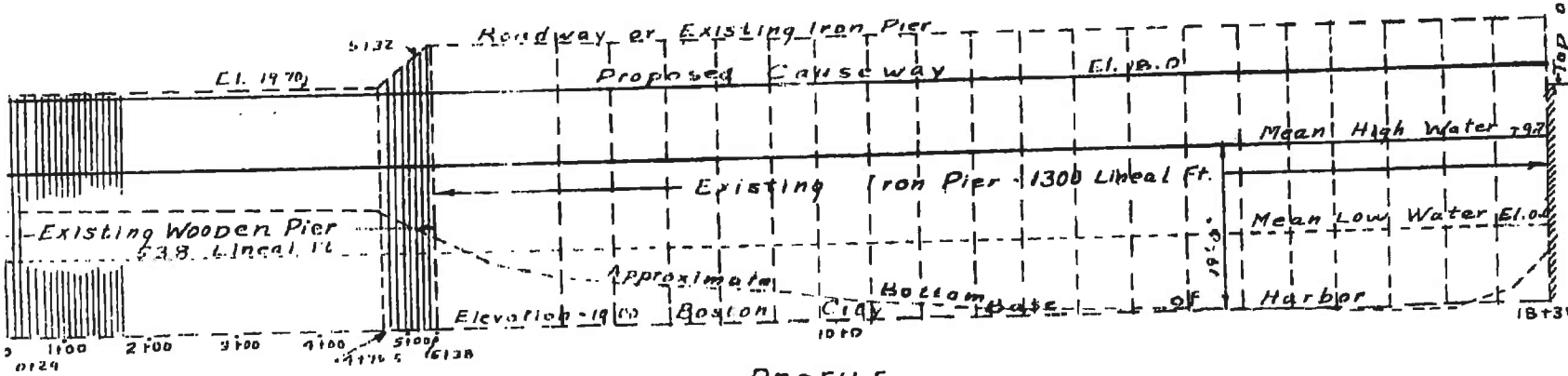
Director of Park Engineering
Benjamin W. Fink

29381

094 1673

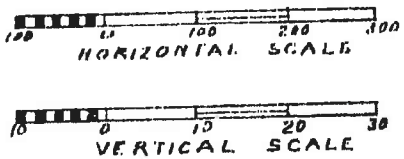


PLAN



PROFILE

SCALE OF FEET



Note: Old Iron Pier practically demolished.

Director of Park Engineering

Benjamin W. Tink

Proposed Causeway From City Point to Head I. at Marine Park, So. Boston County of Suffolk, Mass.

Application - Met. Dist. Comm.

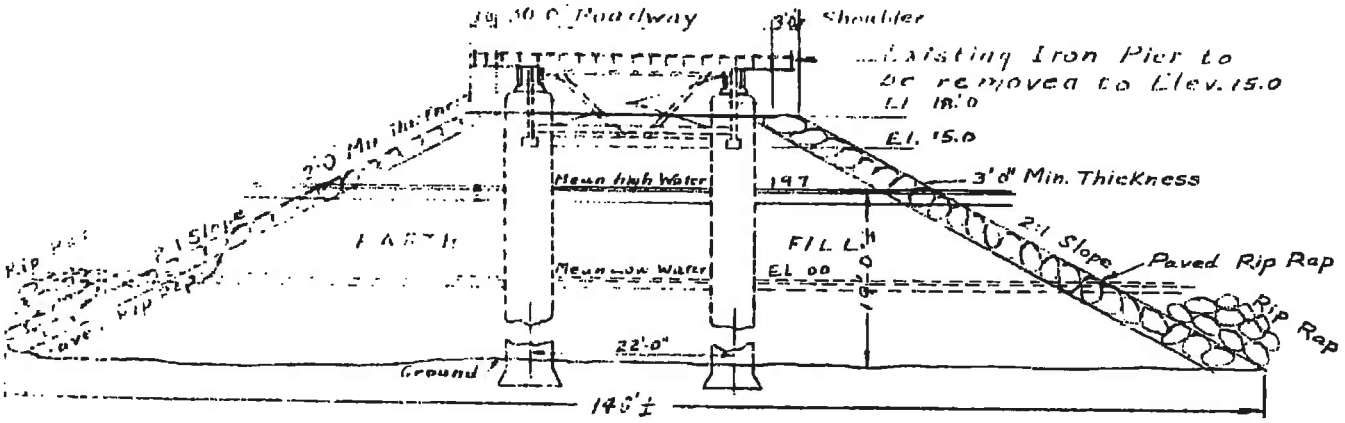
006-060-341-5000-100
006-060-341-9000-400

0 9 4 1 6 7 4

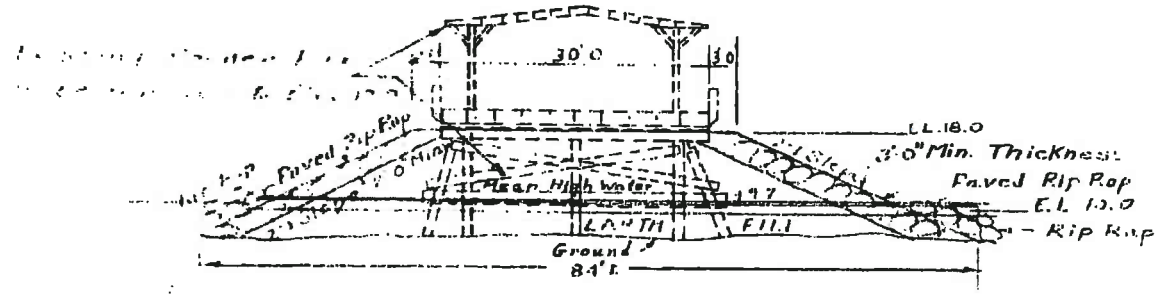
006-060-341-5000-100
006-060-341-9000-400

PLEASURE BAY

OLD HARBOR

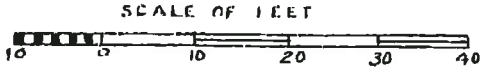


TYPICAL SECTION OF PROPOSED CAUSEWAY STA's 5+38 to 18+38



TYPICAL SECTION OF PROPOSED CAUSEWAY Sta's 0+00 to 5+38

SCALE OF FEET



PROPOSED Causeway
From City Point to Head Is.
at Marine Park So. Boston

Director of Park Engineering

County of Suffolk, Mass.
Application, Met. Dist. Comm

006-070-267-2000-100
006-070-271-0000-100
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006-060-341-9000-200
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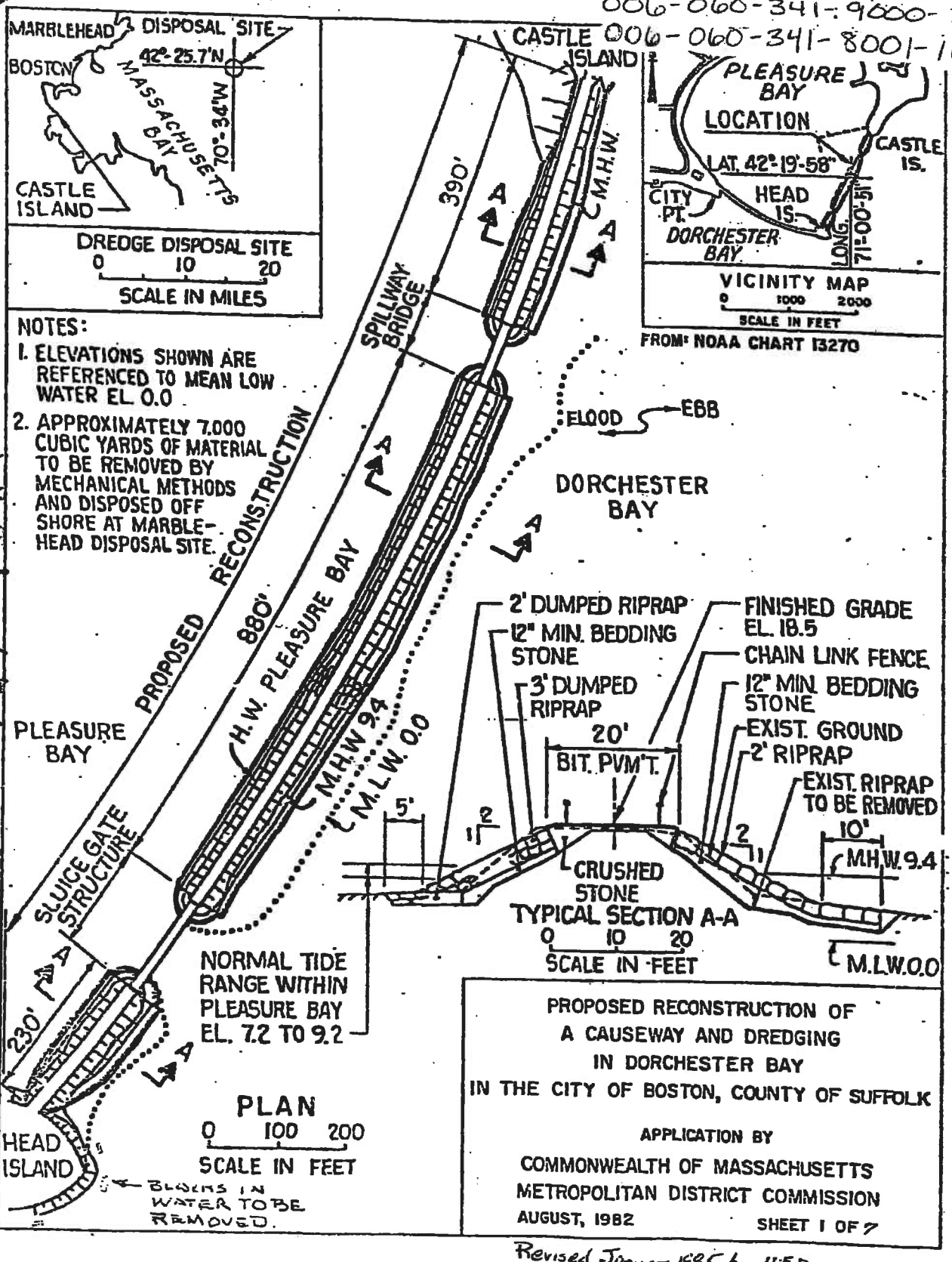

PROPOSED RECONSTRUCTION OF A CAUSEWAY AND DREDGING IN DORCHESTER BAY IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY

COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

AUGUST, 1982 SHEET 1 OF 7

Revised January 1985 by NED.

TM-066-C-8

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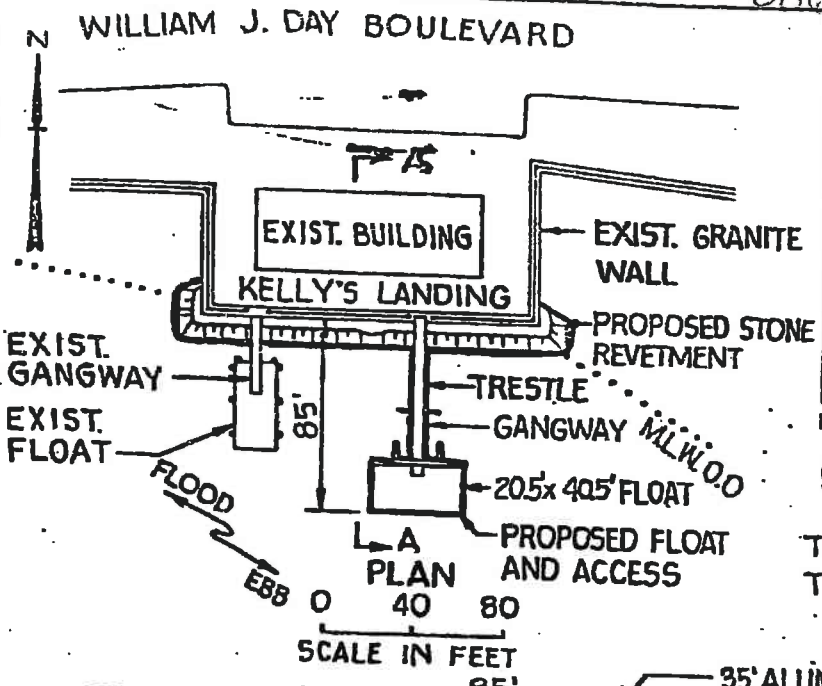
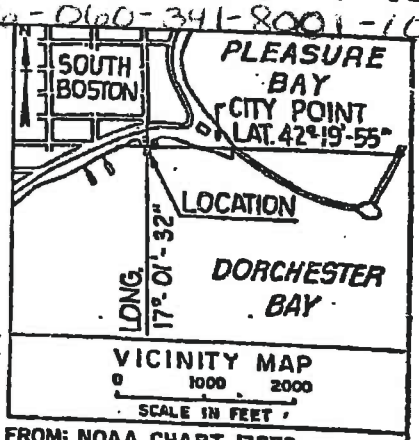
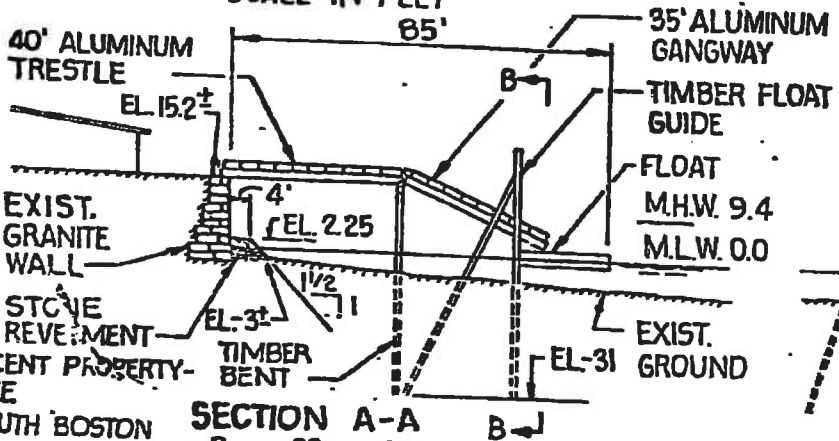


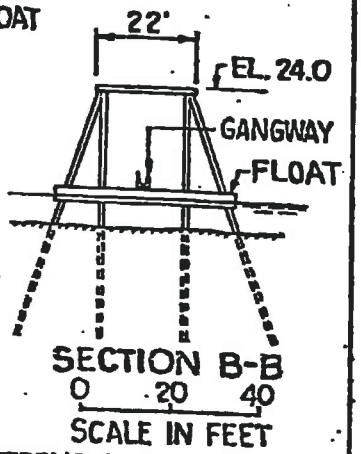


FROM: NOAA CHART 13270

SCHEDULE OF PILES

LOCATION	NUMBER
TIMBER BENT	2
TIMBER FLOAT GUIDE	6
TOTAL	8





(1) SOUTH BOSTON YACHT CLUB (LESSEE)
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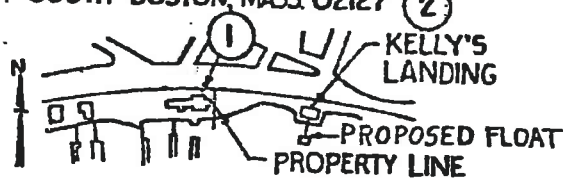

PLAN - ADJACENT PROPERTY
0 400 800
SCALE IN FEET

NOTES:
1. ELEVATIONS ARE REFERENCED TO MEAN LOW WATER, EL. 0.0

PROPOSED CONSTRUCTION OF
A STONE REVETMENT AND BOAT FLOAT
WITH TRESTLE AND GANGWAY
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982

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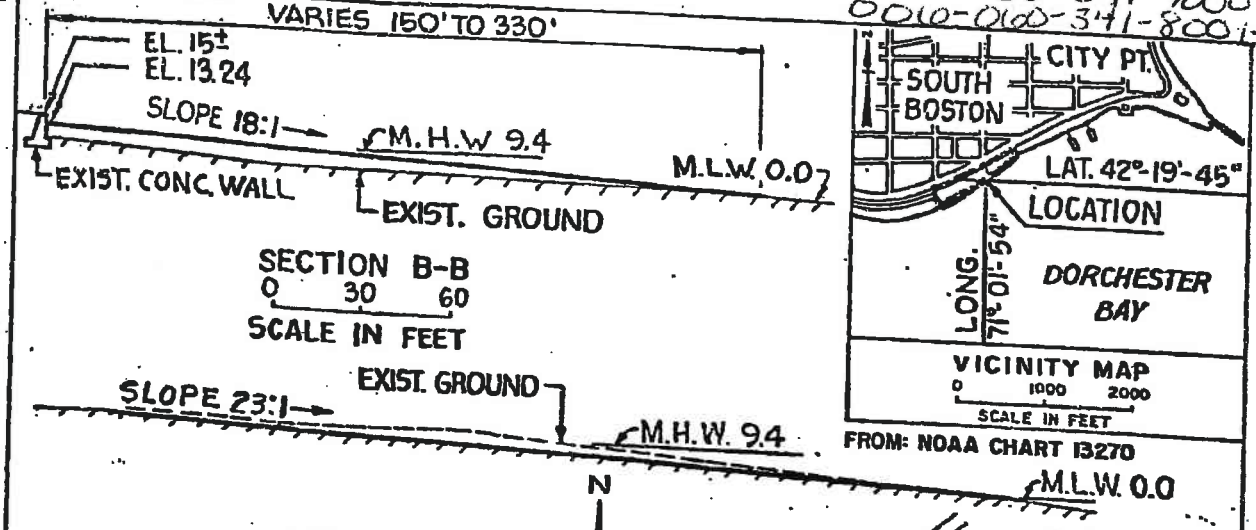

SECTION B-B
0 30 60
SCALE IN FEET

SECTION A-A
0 30 60
SCALE IN FEET

FROM: NOAA CHART 13270

ADJACENT PROPERTY OWNERS

(1) BOSTON HARBOR YACHT CLUB (LESSEE)
1805 WILLIAM J. DAY BOULEVARD
SOUTH BOSTON, MA. 02127

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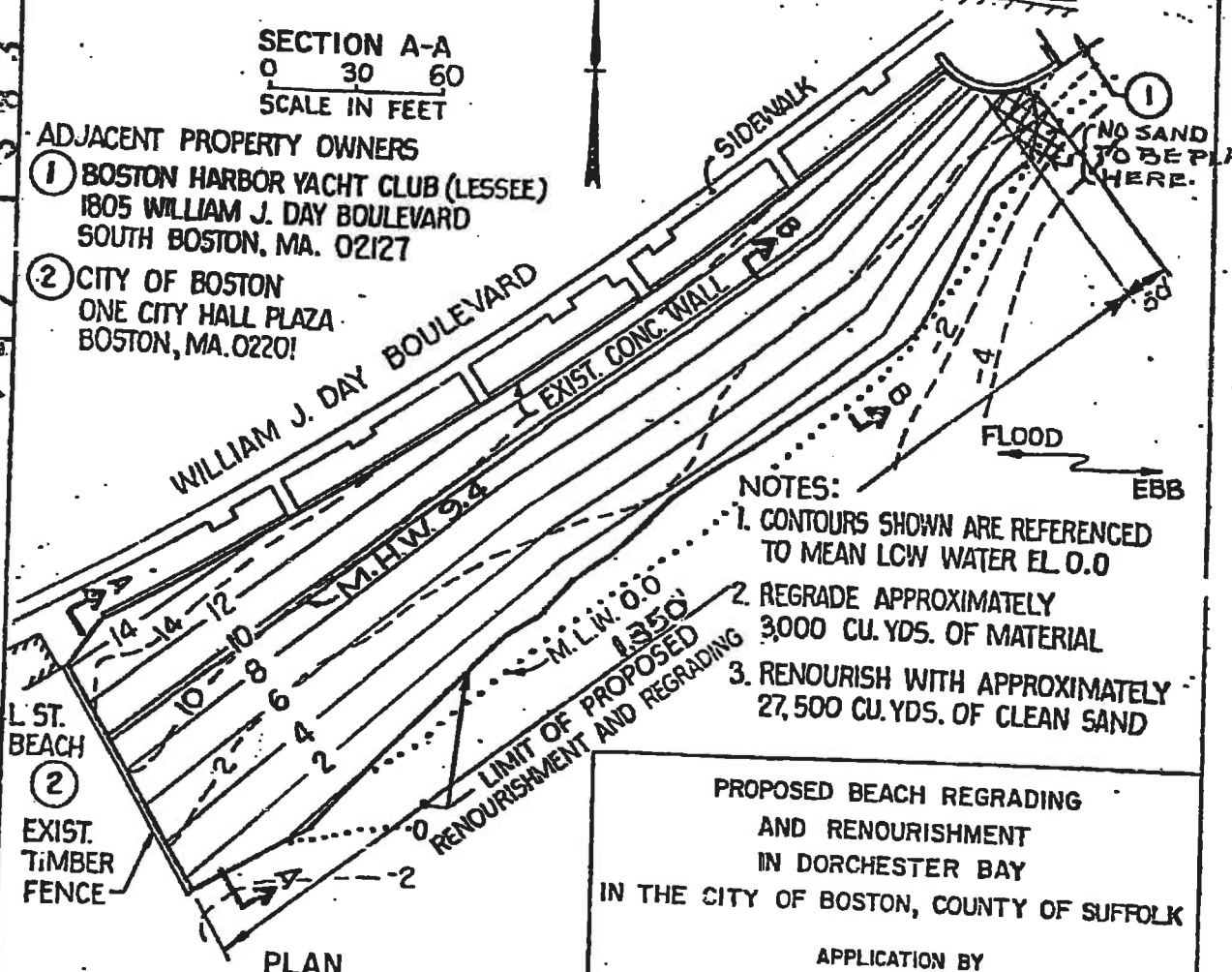

PLAN
0 100 200
SCALE IN FEET

NOTES:
1. CONTOURS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. REGRADE APPROXIMATELY 3,000 CU. YDS. OF MATERIAL
3. RENOURISH WITH APPROXIMATELY 27,500 CU. YDS. OF CLEAN SAND

PROPOSED BEACH REGRADING
AND RENOURISHMENT
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 3 OF 7

REVISED BY NED JAN. 1985

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TM-066-C-11

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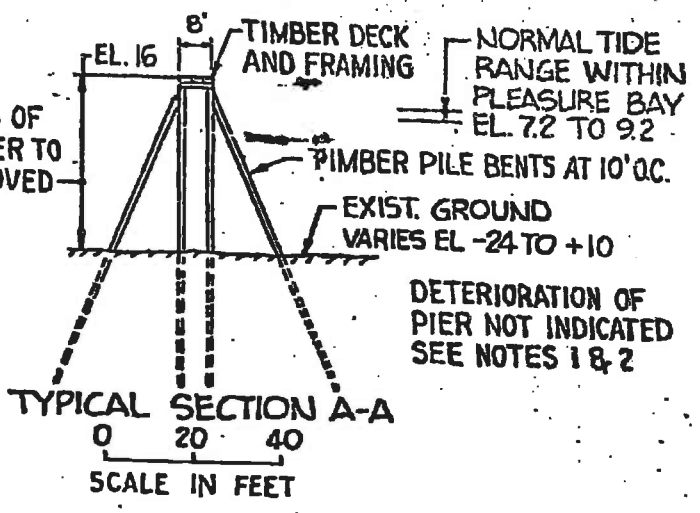

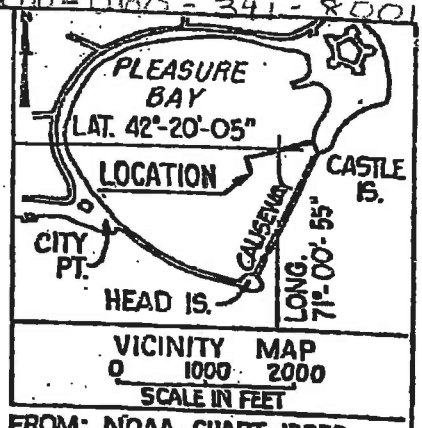

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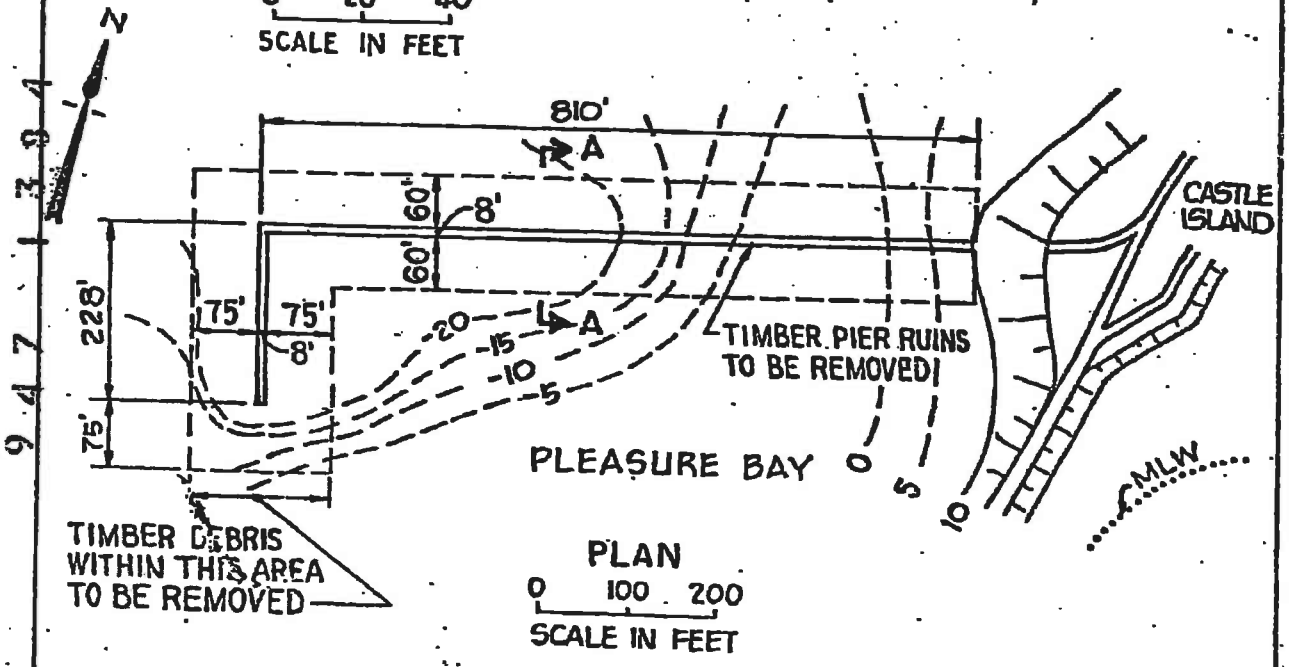

NOTES:

1. APPROXIMATELY 10 BAYS WITH PLANKING AND STRINGERS IN PLACE.
2. APPROXIMATELY 200 TIMBER PILES VISIBLE ABOVE PLEASURE BAY LOW WATER.
3. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0

PROPOSED REMOVAL OF
TIMBER PIER
IN PLEASURE BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982

SHEET 4 OF 7

TM-066-C-9

006-070-267-2000-100
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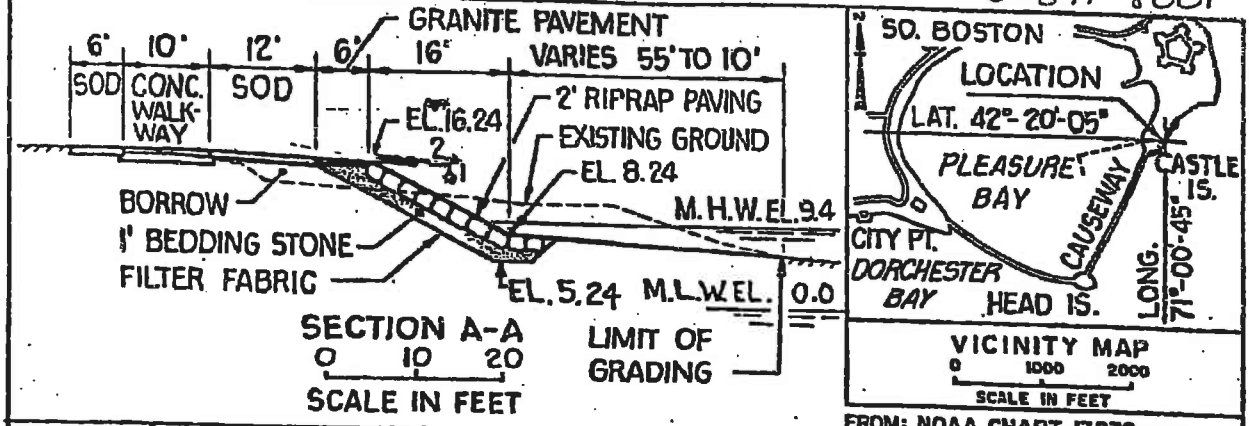

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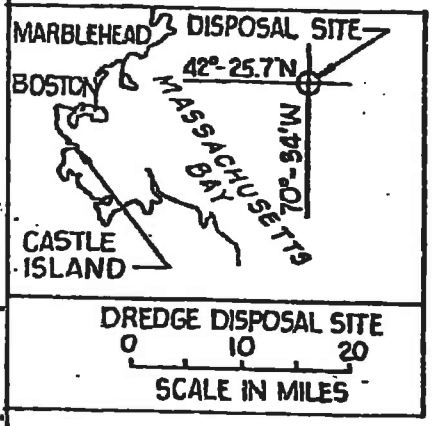

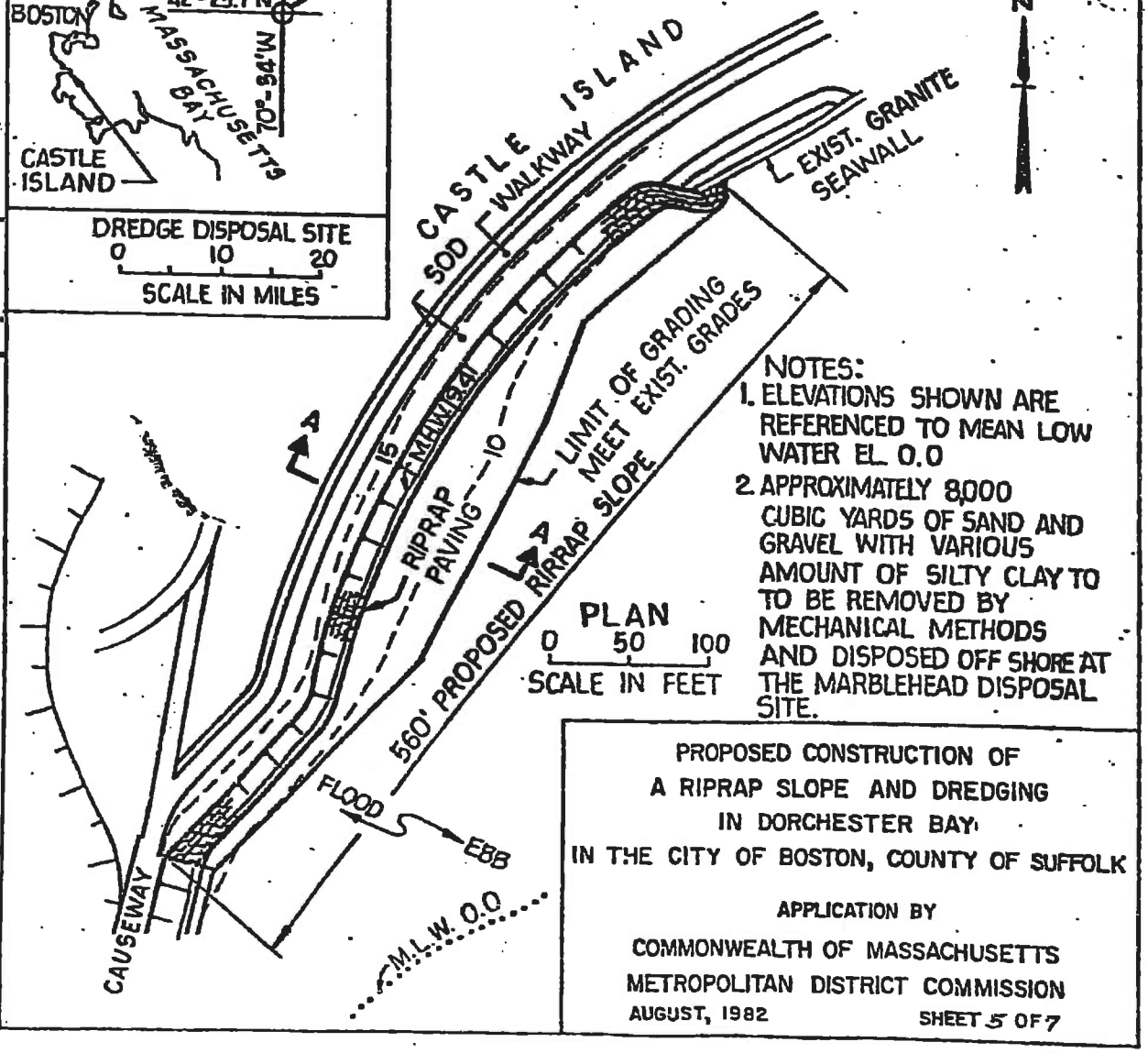

NOTES:
1. ELEVATIONS SHOWN ARE REFERENCED TO MEAN LOW WATER EL. 0.0
2. APPROXIMATELY 8,000 CUBIC YARDS OF SAND AND GRAVEL WITH VARIOUS AMOUNT OF SILTY CLAY TO TO BE REMOVED BY MECHANICAL METHODS AND DISPOSED OFF SHORE AT THE MARBLEHEAD DISPOSAL SITE.

PROPOSED CONSTRUCTION OF
A RIPRAP SLOPE AND DREDGING
IN DORCHESTER BAY
IN THE CITY OF BOSTON, COUNTY OF SUFFOLK

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION
AUGUST, 1982 SHEET 5 OF 7

TM-066-C-7

9 4 7 1 3 8 5

006-070-267-2000-100
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006-060-341-9000-300
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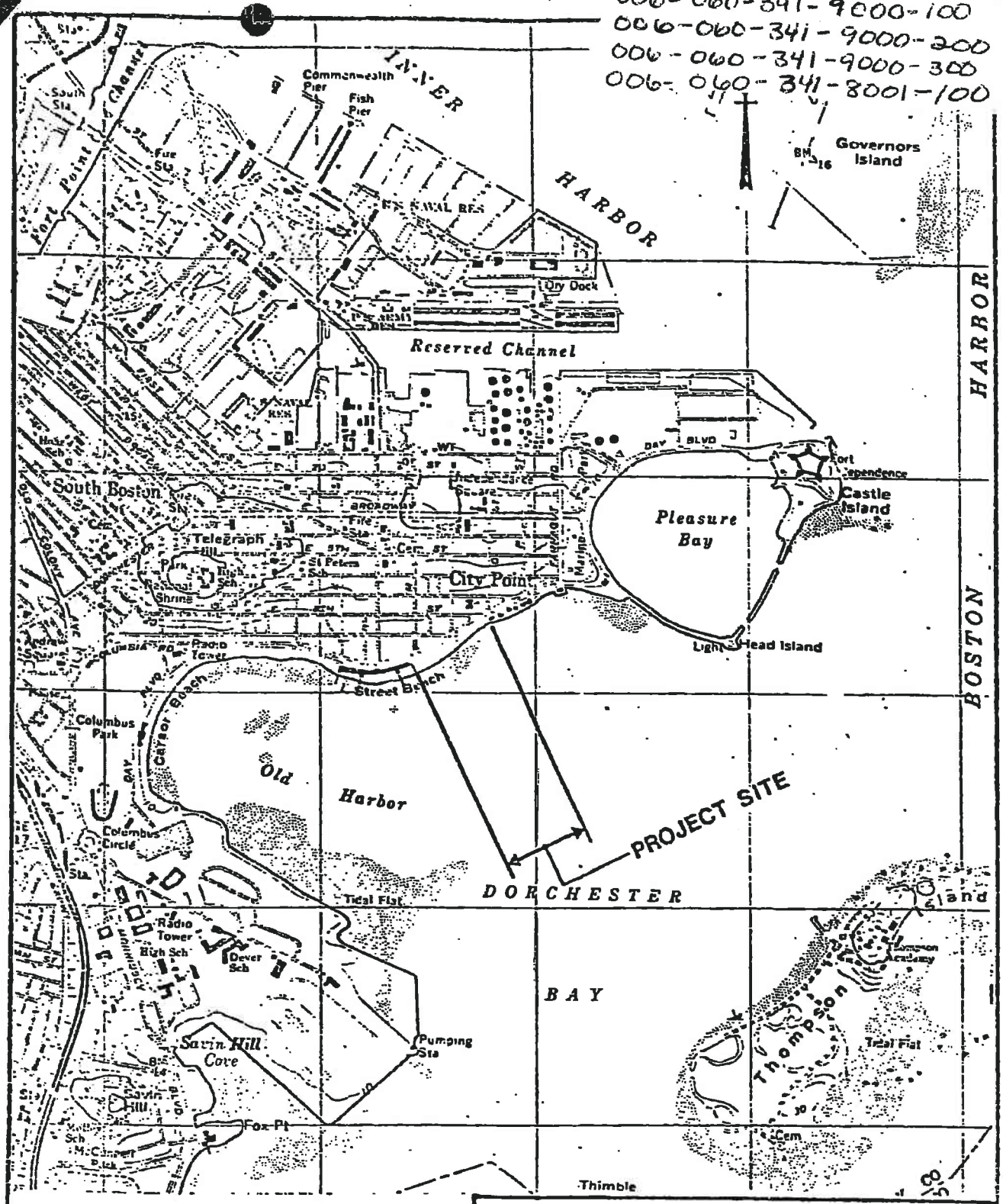

SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
BOSTON SOUTH QUADRANGLE
MASSACHUSETTS

SCALE 1:25 000
1000 0 1000 2000 FEET

FAY, SPOFFORD & THORNDIKE, INC., BOSTON

BEACH RESTORATION - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

FEBRUARY 1992 SHEET 6 OF 7

947 DMA 1986

006-070-267-2000-100
006-070-271-0000-100
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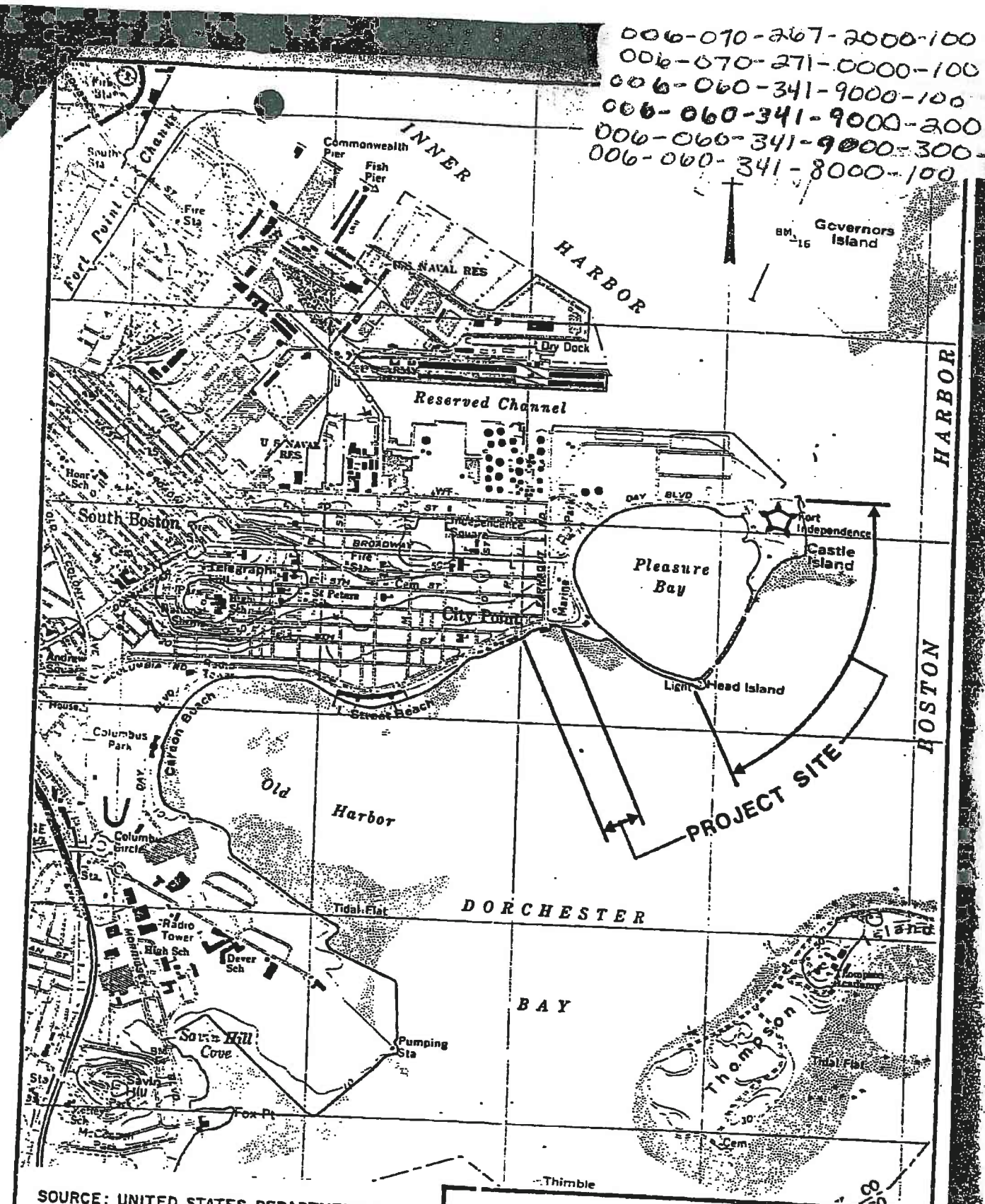


SOURCE: UNITED STATES DEPARTMENT OF INTERIOR - GEOLOGICAL SURVEY
BOSTON SOUTH QUADRANGLE
MASSACHUSETTS

SCALE 1:25 000
1000 0 1000 2000 FEET

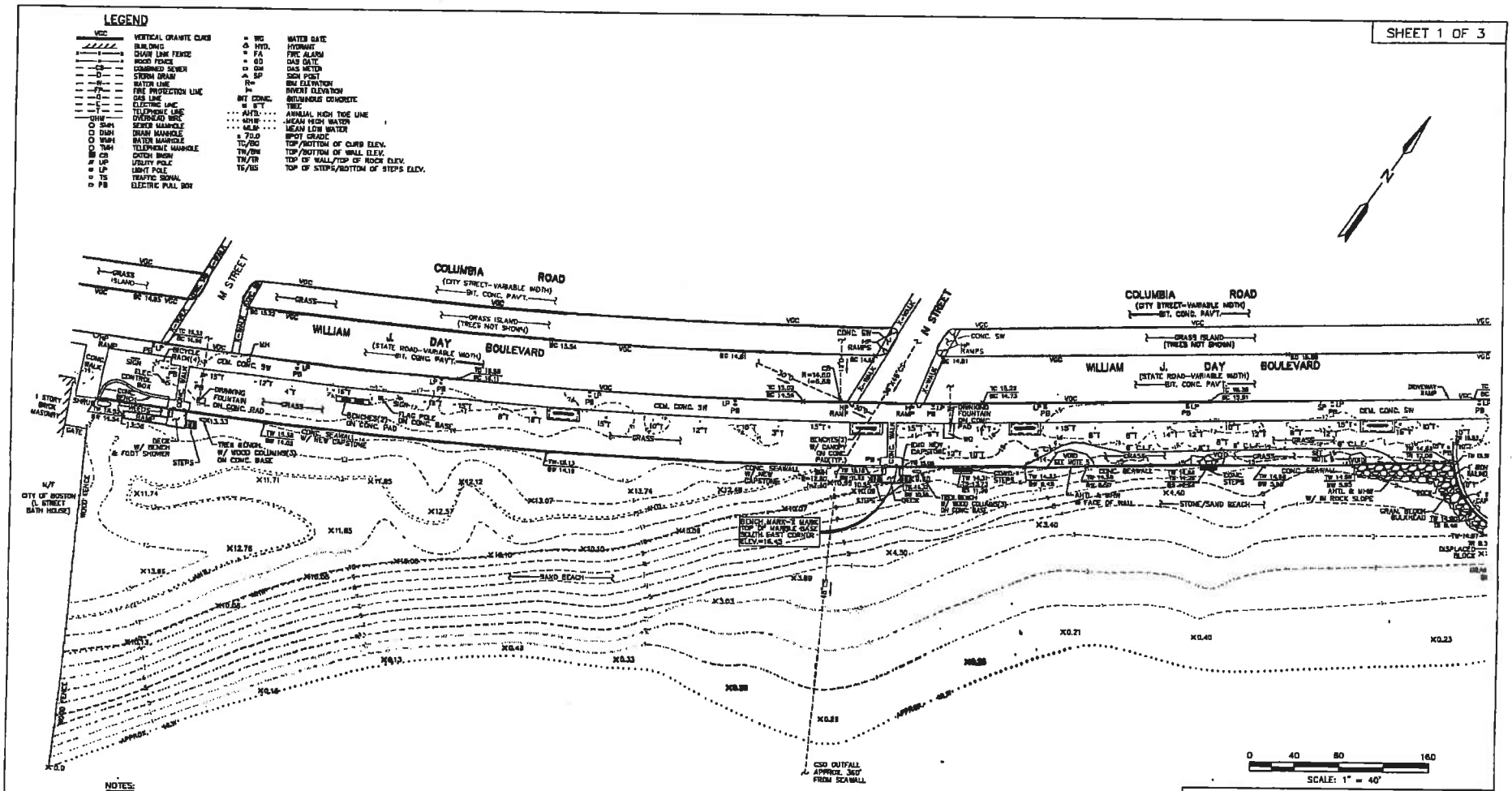
FAY, SPOFFORD & THORNDIKE, INC., BOSTON

PROPOSED MARITIME WORK - SOUTH BOSTON
CITY OF BOSTON, SUFFOLK COUNTY

APPLICATION BY
COMMONWEALTH OF MASSACHUSETTS
METROPOLITAN DISTRICT COMMISSION

MARCH 1982

SHEET 7 OF 7



NOTES:

1. SURVEY BY MISTRY ASSOCIATES, INC., JUNE 2005.
2. ELEVATION DATUM IS NAVD 88.
3. MEAN LOW WATER(MLW) ELEV.=-0.0
   MEAN HIGH WATER(MHW) ELEV.=9.8
   ANNUAL HIGH TIDE LINE(AHTL) ELEV.=12.1
4. UTILITIES SHOWN ARE FROM FIELD SURVEY OR RECORD PLANS AND LOCATIONS ARE APPROXIMATE.
5. VOID DENOTES AREAS OF SOIL WASHOUT BEHIND WALL DUE TO WAVE ACTION, ELECTRICAL CONDUIT AT BASE OF WALL EXPOSED IN VOID AREAS, NOT SHOWN ELSEWHERE.
6. SOIL SETTLEMENT AREAS ALONG BACK SIDE OF CAP STONE-DEPTHS VARY 3" TO 18".

M STREET SEAWALL RECONSTRUCTION
SOUTH BOSTON, MASSACHUSETTS

EXISTING CONDITIONS PLAN

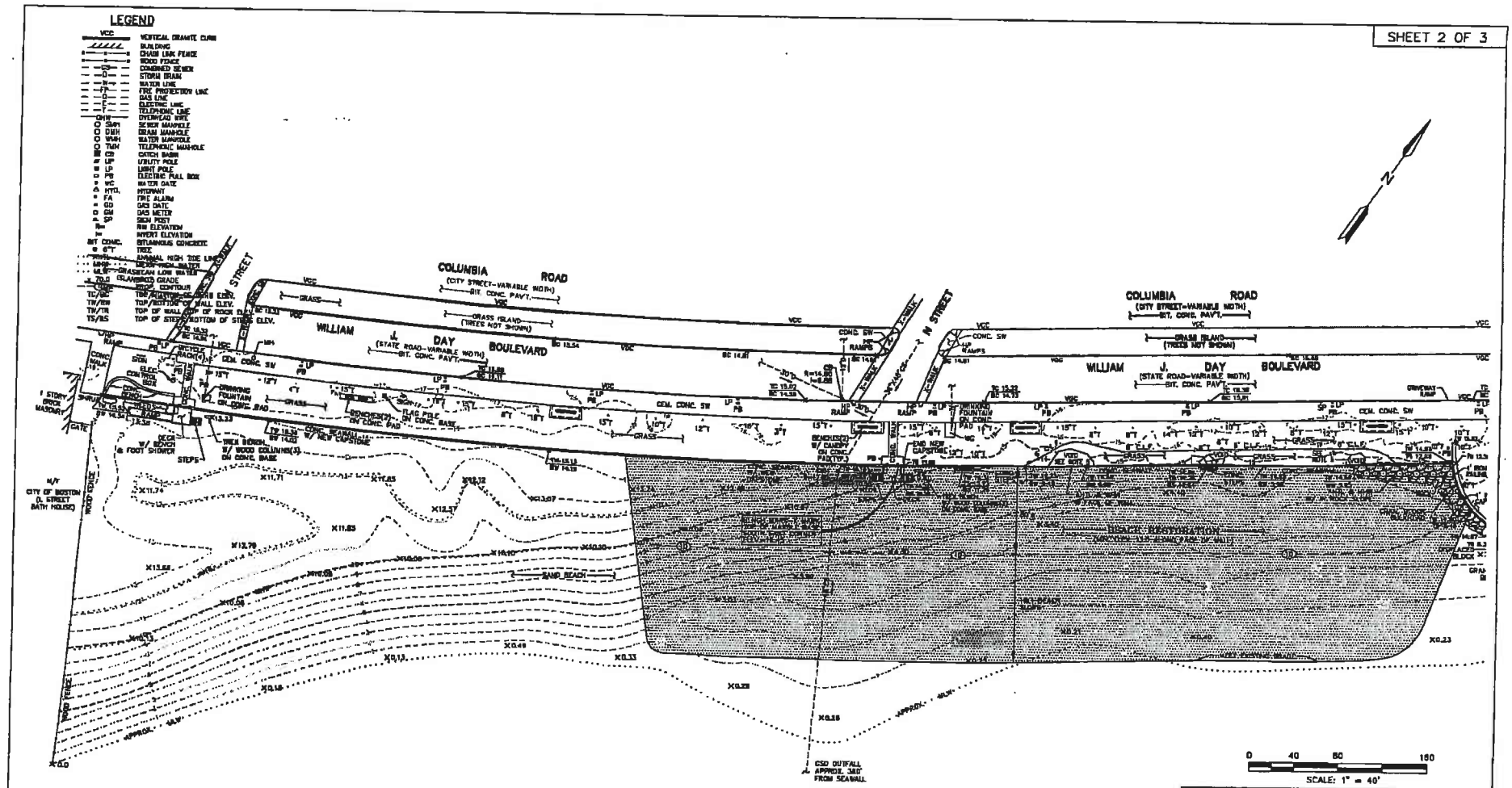
MASSACHUSETTS DEPARTMENT OF CONSERVATION & RECREATION OFFICE OF WATERWAYS

JUNE 2005	SURVEYED BY: PCL TRACED BY: GBP APPROVED BY: MMM	
D.E.R. REVIEW BY: DATE:		WATERWAYS DEPUTY CHIEF ENGINEER

PROJECT NO. 3570-D

D:\Projects\3570\Base Survey.dwg

006-070-267-2000-100



NOTES:

1. SURVEY BY MISTRY ASSOCIATES, INC., JUNE 2005.
2. ELEVATION DATUM IS NAVD 88.
3. MEAN LOW WATER(MLW) ELEV.=0.0
   MEAN HIGH WATER(MHW) ELEV.=9.8
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M STREET SEAWALL RECONSTRUCTION
SOUTH BOSTON, MASSACHUSETTS

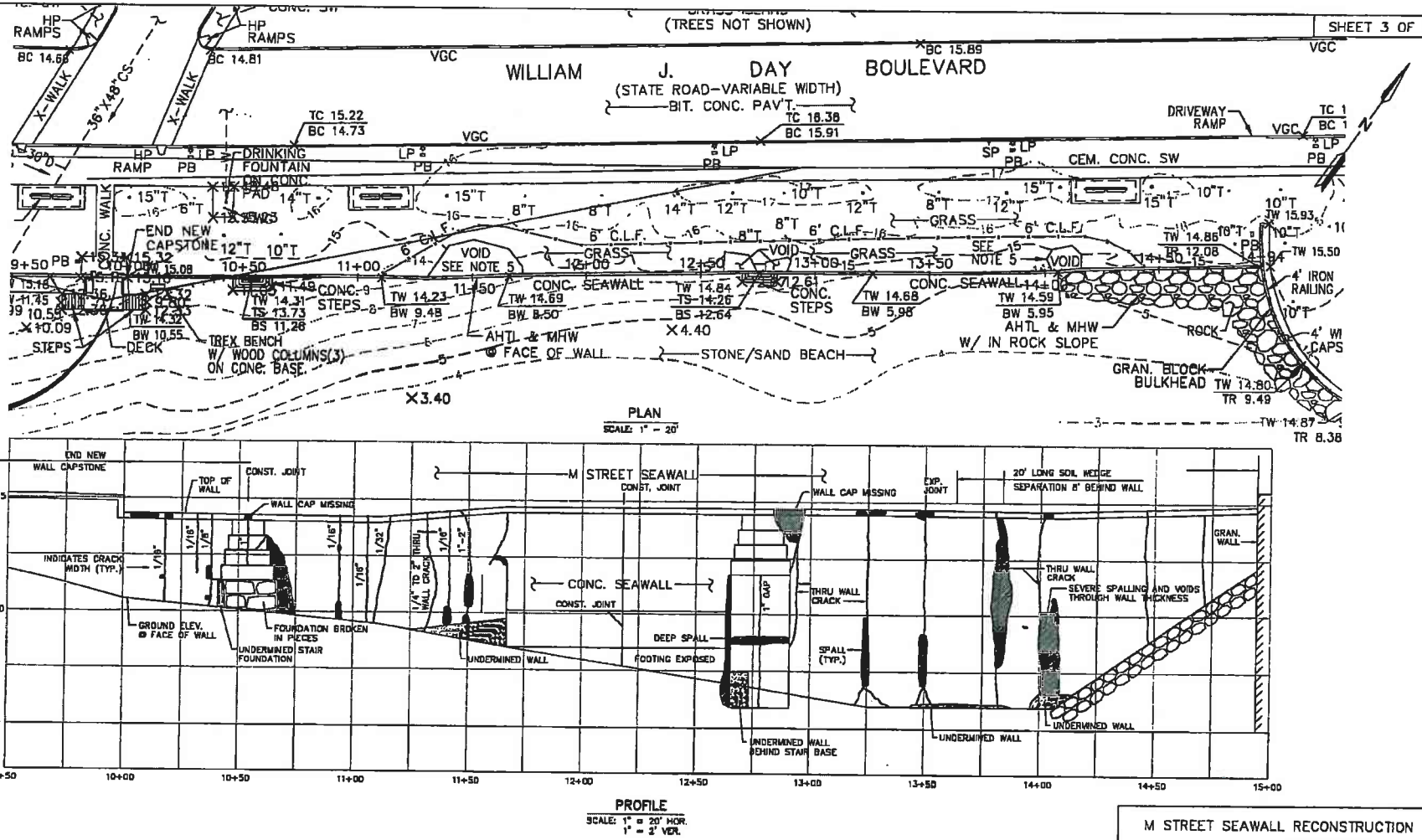
BEACH RESTORATION PLAN

MASSACHUSETTS DEPARTMENT OF CONSERVATION & RECREATION OFFICE OF WATERWAYS

JUNE 2005	INPUTS BY: FCL TRACED BY: GBP APPROVED BY: NMH	
D.C.R. REVIEW BY: DATE:		WATERWAYS DEPUTY CHIEF ENGINEER

PROJECT NO. 3570-01

006-070-267-2000-100



M STREET SEAWALL RECONSTRUCTION
SOUTH BOSTON, MASSACHUSETTS

CONDITION SURVEY PLAN & PROFILE

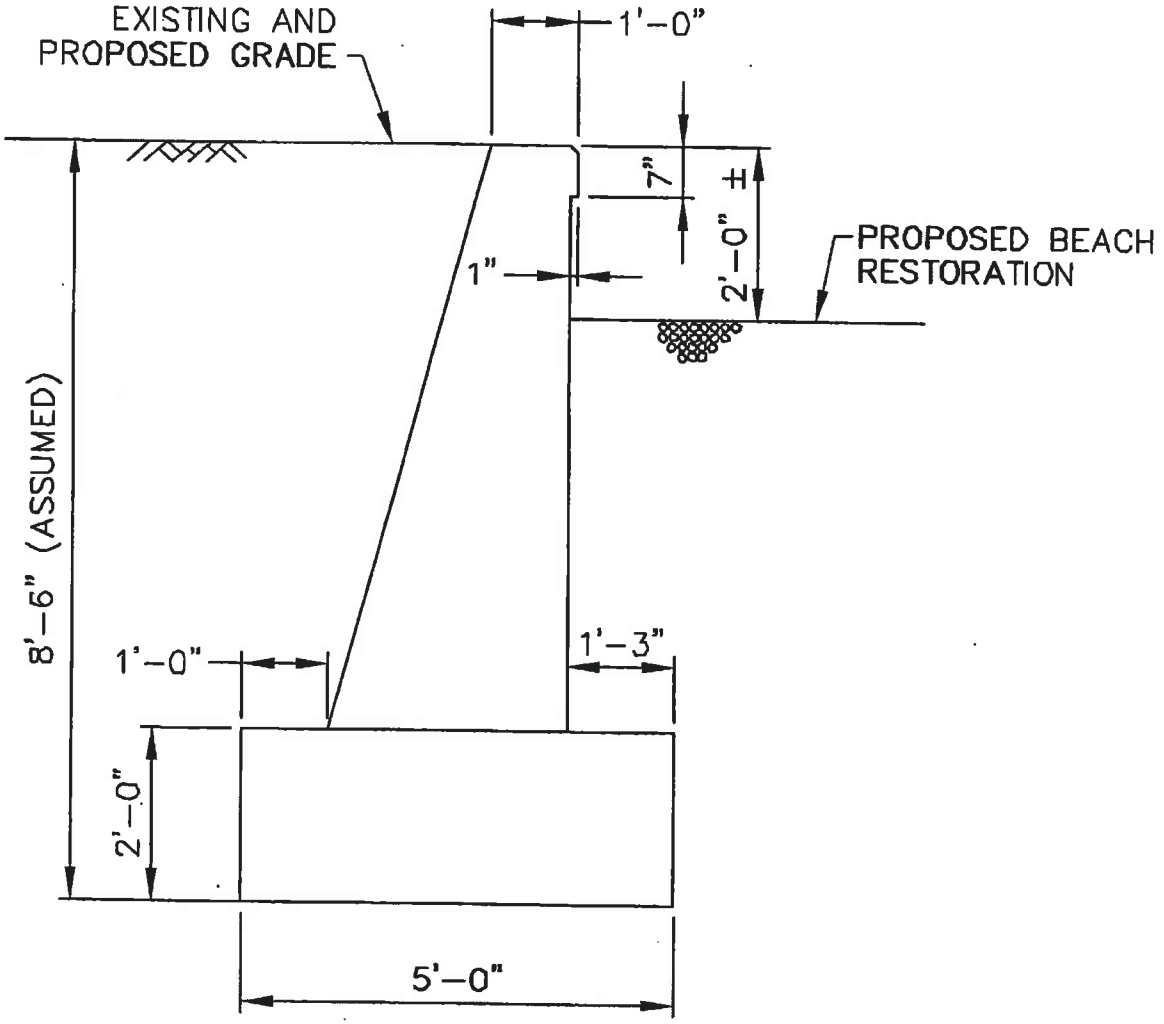
MASSACHUSETTS DEPARTMENT OF CONSERVATION & RECREATION OFFICE OF WATERWAYS

JUNE 2005	DESIGNED BY: FCL	
D.C.R. REVIEW BY: DATE:	TRACED BY: DBP	
	APPROVED BY: NMM	WATERWAYS DEPUTY CHIEF ENGINEER

PROJECT NO. 3570-DI

006-070-267-2000-100

006-070-267-2000-100



Mistry Associates, Inc.
315 Main Street
Reading, MA 01867
(781) 944-6400

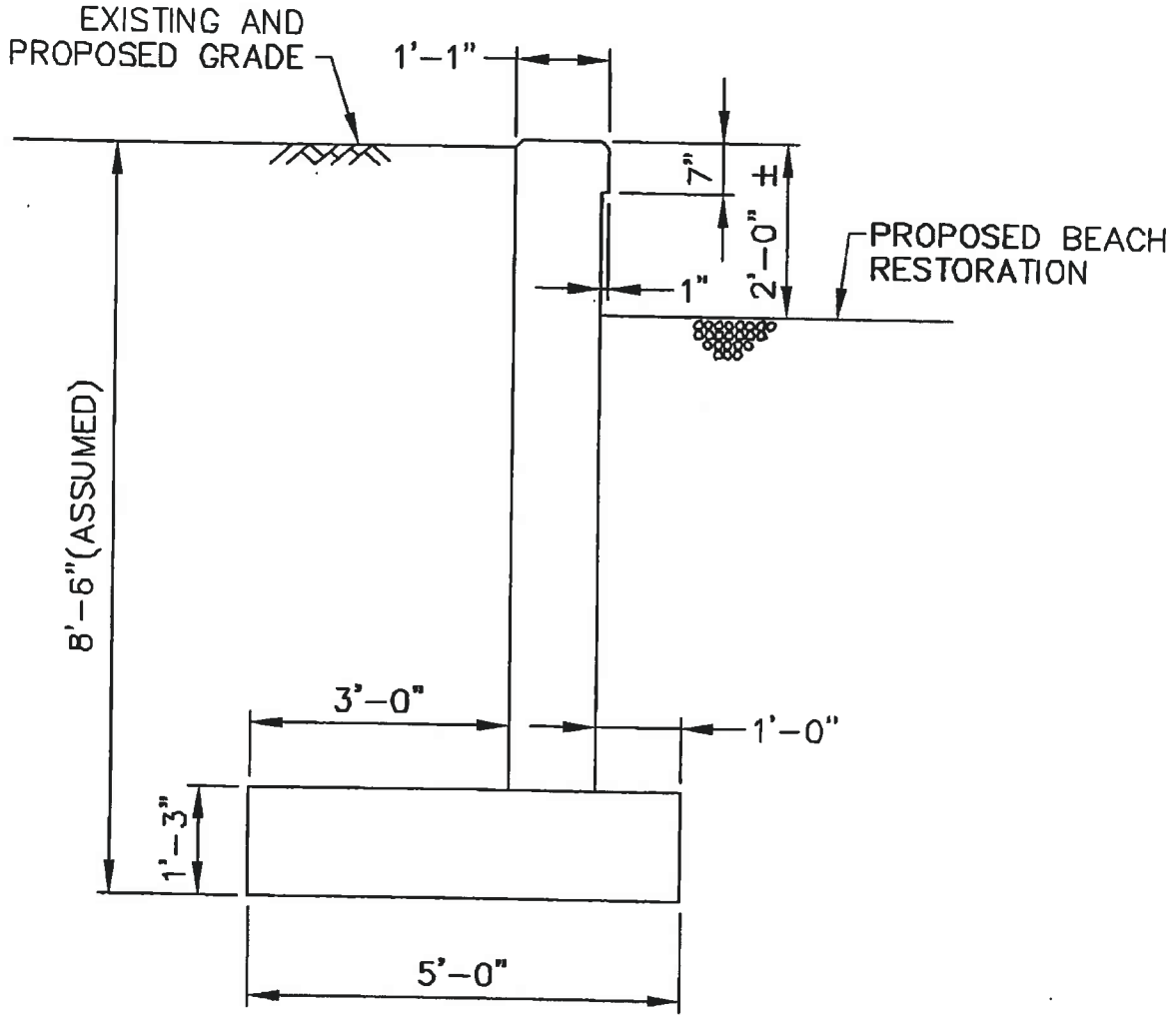
M Street Seawall, South Boston, MA

Alternate I
Reinforced Concrete Gravity-Type Wall

SCALE: 1/2"=1'-0"

Fig. A-1

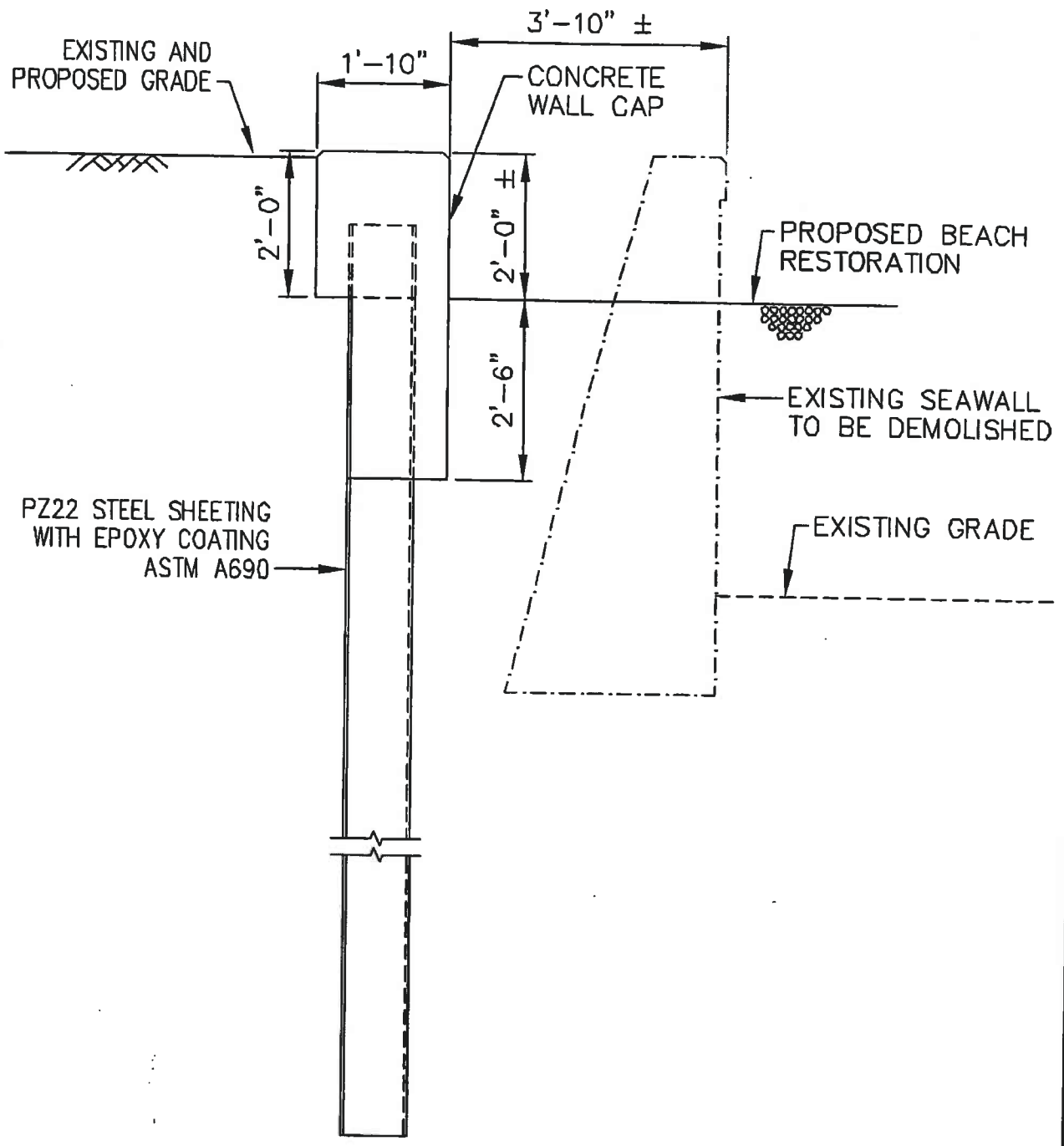
JOB NO. 200.171



006-070-267-2000-100

Mistry Associates, Inc. 315 Main Street Reading, MA 01867 (781) 944–6400	M Street Seawall, South Boston, MA	SCALE:1/2"=1'–0"
	Alternate II Reinforced Concrete Cantilever–Type Wall	Fig. A–2
		JOB NO. 200.171

606-070-267-2000-100



Mistry Associates, Inc.
315 Main Street
Reading, MA 01867
(781) 944-6400

M Street Seawall, South Boston, MA

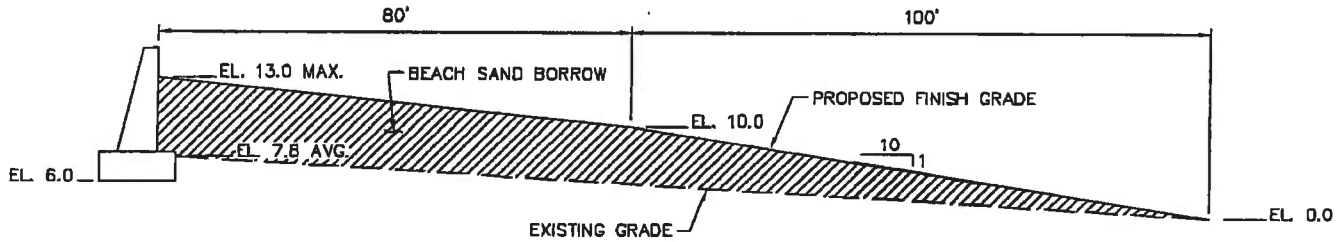
Alternate III
Steel Sheeting with Concrete Wall Cap(Setback Position Shown)

SCALE: 1/2"=1'-0"

Fig. A-3

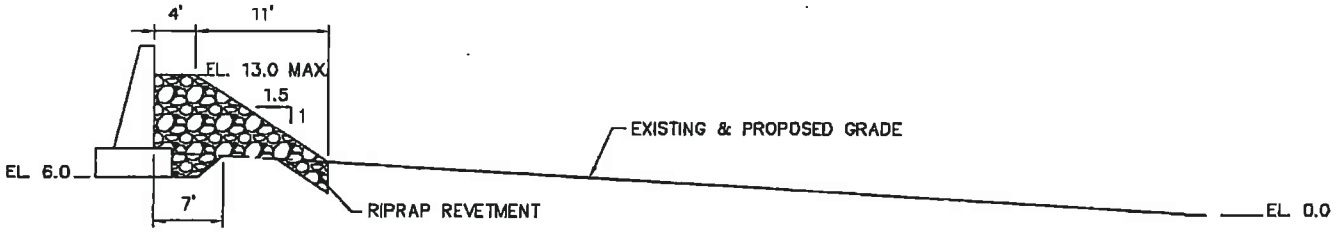
JOB NO. 200.171

001-000E-L9E-0L0-900



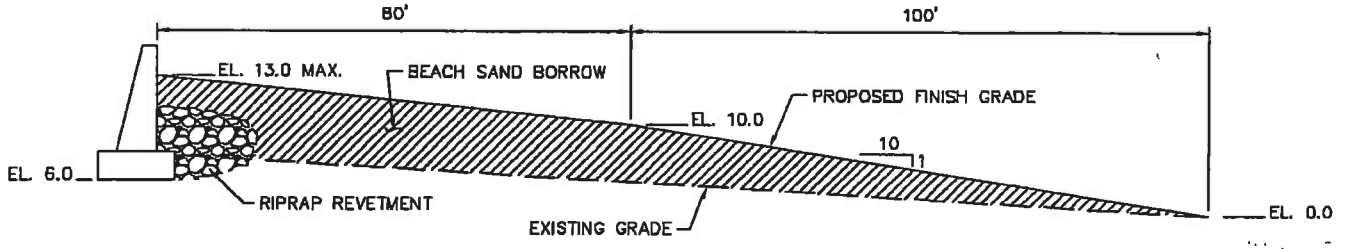
BEACH REPLACEMENT OPTION I
BEACH SAND BORROW

COST/LIN. FT. = $399.00



BEACH REPLACEMENT OPTION II
RIPRAP REVETMENT REPLACEMENT

COST/LIN. FT. = $144.00



BEACH REPLACEMENT OPTION III
MODIFIED BEACH REPLACEMENT
WITH RIPRAP SCOUR PROTECTION

COST/LIN. FT. = $439.00

SCALE: N.T.S.
JOB: 200.171
Fig. A-4

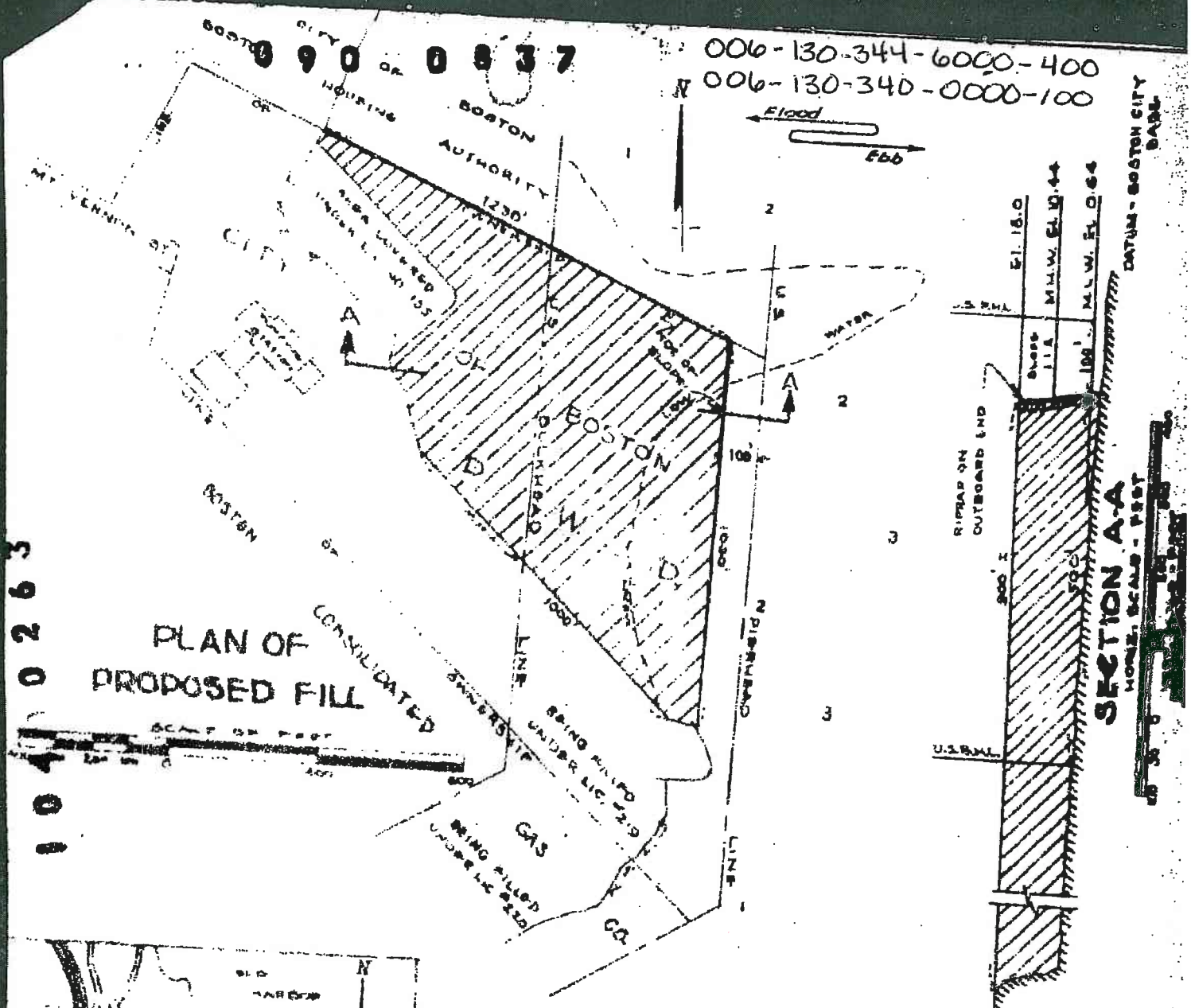
M STREET SEAWALL
SOUTH BOSTON, MA

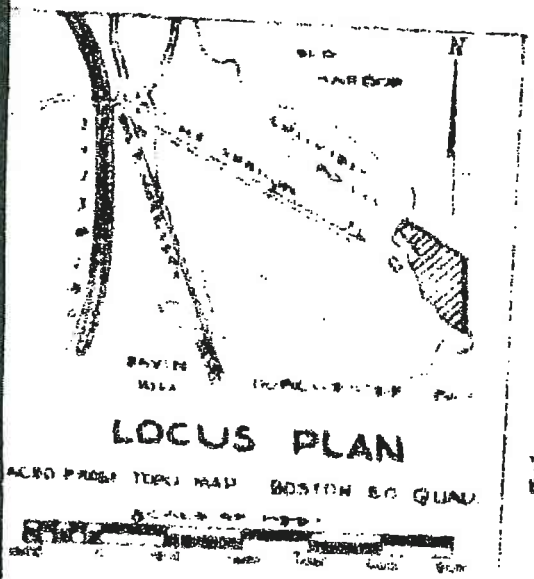
BEACH REPLACEMENT OPTIONS

Metry Associates, Inc.
315 Main Street
Reading, MA 01867
(781) 944-6400

090 0837

006-130-344-6000-400
006-130-340-0000-100

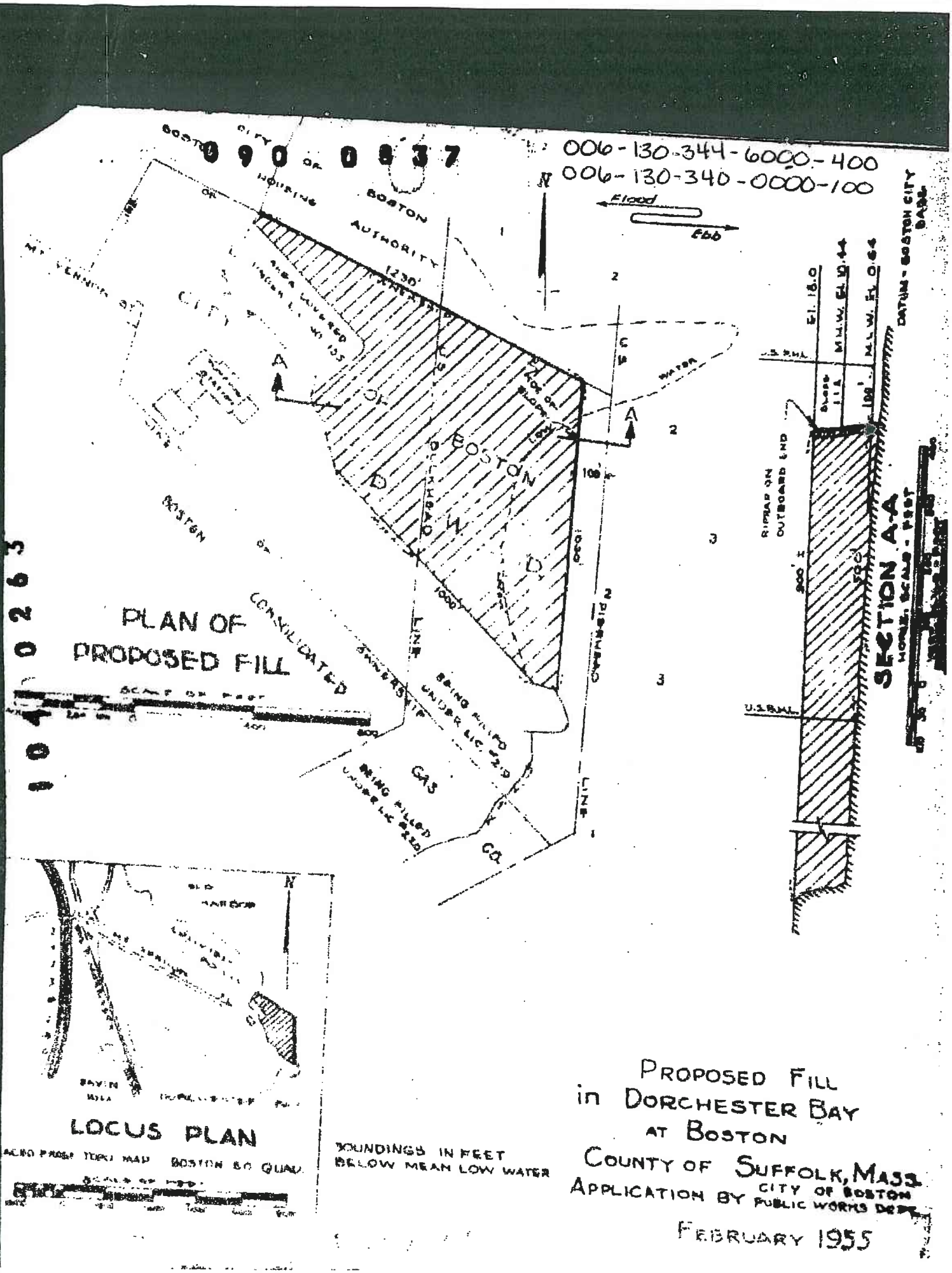




PROPOSED FILL
in DORCHESTER BAY
AT BOSTON
COUNTY OF SUFFOLK, MASS.

APPLICATION BY CITY OF BOSTON PUBLIC WORKS DEPT.

FEBRUARY 1955


090 0837
006-130-344-6000-400
006-130-340-0000-100
PLAN OF PROPOSED FILL
SECTION A-A
LOCUS PLAN
SOUNDINGS IN FEET BELOW MEAN LOW WATER
PROPOSED FILL in DORCHESTER BAY AT BOSTON
COUNTY OF SUFFOLK, MASS.
APPLICATION BY CITY OF BOSTON PUBLIC WORKS DEPT.
FEBRUARY 1955