The Commonwealth of Massachusetts
Department of Conservation and Recreation

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Maura T. Healey	Kimberley Driscoll	Rebecca L. Tepper	Nicole LaChapelle
Governor	***Lieutenant Governor***	***Secretary***	***Commissioner***

TO: All Prospective Bidders
FROM: Patrice Kish, DCR Chief, Division of Design & Engineering
DATE: March 20, 2026
SUBJECT: P24-3573-C1A Lynn Veterans Memorial Park
ADDENDUM No. 3

This **Addendum No. 3** for **DCR P24-3573-CIA** becomes part of the DCR-Contractor Agreement. Bidders shall acknowledge receipt of this addendum on the Form for General Bid.

Item 1: DCR Project Number Change
The correct DCR Project Number for this project is DCR P24-3573-C1A.

Item 2: Bid Opening Date Change
The Bid Opening date is extended from March 26, 2026, to **April 9, 2026**.

Item 3: Price Proposal Changes
The following Bid Items on the Form for General Bid – Unit Price Proposal have been changed:

- Bid Item 02360.01 Drilled Shaft Excavation: Total Quantity increased from 480 FOOT to 500 FOOT
- Bid Item 02360.02 Drilled Shafts: Total Quantity increased from 480 FOOT to 500 FOOT
- Bid Item 02360.03 Permanent Casings: Total Quantity increased from 480 FOOT to 500 FOOT
- Bid Item 05110.03 Furnish and Install Hot Dipped Galvanized Structural Steel Timber Pile Cap Extension Channels at Timber Pile Supported Boardwalk: Total Quantity decreased from 52 EACH BENT to 26 EACH BENT.
- Bid Item 06130.08 Furnish and Install New Timber Stringers at Grade Beam Supported Boardwalk: Total Quantity decreased from 4,360 LINEAR FOOT to 3,700 LINEAR FOOT.
- Bid Item 06130.10 Furnish and Install Timber Sleepers on Existing Timber Stringers at Grade Beam Supported Boardwalk: Total Quantity increased from 450 LINEAR FOOT to 2,400 LINEAR FOOT.
- Bid Item 16421.02 Remove and Replace Telephone: Bid Item Not Used – Work Combined into Bid Item 16421.23.
- Bid Item 16421.03 Remove and Replace Cable Television Lines: Bid Item Not Used – Work Combined into Bid Item 16421.23.
- Bid Item 16421.04 Remove/Move and Replace CCTV (Security Camera Lines): Bid Item Not Used – Work Combined into Bid Item 16421.23.
- Bid Item 16421.05 Remove and Replace Electrical Power Systems: Bid Item Not Used – Work Combined into Bid Item 16421.23.
- Bid Item 16421.09 Demolish 3” Conduit: Total Quantity increased from 48 LINEAR FOOT to 130 LINEAR FOOT.
- Bid Item 16421.10 Demolish 2” Conduit: Total Quantity increased from 12 LINEAR FOOT to 420 LINEAR FOOT.
- Bid Item 16421.11 Demolish 1” Conduit: Total Quantity increased from 24 LINEAR FOOT to 130

LINEAR FOOT.
- Bid Item 16421.12 Remove and Replace Existing Cable Tray is replaced with Bid Item 16421.12 Support Existing Cable Tray, Quantity of 80, Unit of LINEAR FOOT.
- Bid Item 16421.13 Modify Circuits at Existing Panelboards: Quantity and Unit changed from 1 LUMP SUM to 20 EACH.
- Add new Bid Item 16421.23 Modification of Existing Utilities with a Quantity of 1 and a Unit of LUMP SUM (combines previous Bid Items 16421.02, 16421.03, 16421.04, and 16421.05).

Item 4: Pre-Bid Conference Documents
The following documents related to the Pre-Bid Conference held on February 24, 2026, are added to the Project Bidding Documents:
- Pre-Bid Meeting Minutes and Sign-In Sheet (1 PDF File)
- Pre-Bid Conference Slides (1 PDF File)

Item 5: Project Background Documents
The following documents related to the project site are added to the Project Bidding Documents:
- Seaport Landing Condominiums-Building Egress and Unit Plans (1 PDF File)
- Historical/Original Park and Boardwalk Plans (3 PDF files)

Item 6: Questions and Responses
The following document related to the questions received regarding this project and responses to those questions is added to the Project Bidding Documents:
- Questions and Responses (1 PDF File)

Item 7: Bid Document Revisions
The following revised Project Drawings are added to the Project Bidding Documents and replace the previous versions: (1 PDF File)
- V-0 Cover Sheet_Rev-A1
- SF-2 Park Lighting Foundation Details Sheet 2 of 2_Rev-A1
- UT-7 South Boardwalk Utilities Electrical Sheet 7 of 7_Rev-A1
- G-1 Project Notes Sheet 1 of 2_Rev-A1
- MS-4 Partial Plan Area 1_Rev-A1
- MS-7 Area 1 Boardwalk Sections Sheet 2 of 2_Rev-A1
- MS-8 Area 1 Pavilion Plan_Rev-A1
- MS-9 Area 1 Harbor Master Plan and Sections_Rev-A1
- MS-10 Harbor Master Entrance Sections_Rev-A1
- MS-11 Area 2 Partial Plan and Details_Rev-A1
- MS-12 Area 2 Boardwalk Sections Sheet 1 of 2_Rev-A1
- MS-13 Area 2 Boardwalk Sections Sheet 2 of 2_Rev-A1
- MS-14 Area 3 Partial Plan_Rev-A1
- MS-15 Area 4 Partial Plan-Rev-A1
- MS-16 Area 3 & 4 Boardwalk Sections & Details_Rev-A1
- MS-19 Light Pole Support & Sheet Pile Cap Details_Rev-A1
- MS-22 Wood Deck Details Sheet 1 of 2_Rev-A1

The following revised Project Specifications are added to the Project Bidding Documents and replace the previous versions:
- Page 01000-1 of Section 01000 General Conditions (1 PDF File)
- Section 16421 Boardwalk Electrical Utilities (1 PDF File)

BROWN, RICHARDSON + ROWE, INC.
Landscape Architects and Planners

Meeting Minutes

Pre-Bid Meeting

Veterans Memorial Park Waterfront Improvements and Boardwalk Reconstruction
City of Lynn
Project No. P24-3573-C1A

Date/Time:	February 24, 2026 / 11:00 AM
Location:	Virtual Meeting via Teams (This meeting was originally scheduled to be in-person at the State Transportation Building, 10 Park Plaza, Boston. The meeting was converted to virtual due to the snow emergency in Boston)
Attendees:	See Attached Sign-In Sheet
Prepared By:	Brown, Richardson & Rowe, Inc. (BRR), March 2, 2026

MINUTES OF MEETING

A presentation was given to attendees describing the project scope and bidding information. The presentation included PowerPoint slides that provided a recap of the project. The meeting minutes that follow herein reflect the topics that were discussed. The purpose of this meeting was to introduce all the project participants and discuss the work involved for Veterans Memorial Park Waterfront Improvements and Boardwalk Reconstruction, Project Number P24-3573-C1A. Refer to the attached sign-in sheet for a list of all attendees. The following is considered to be a true and accurate record of the presentation that was given. If any discrepancies or inconsistencies are noted, please contact BRR immediately.

Introduction and Logistics

- Patrice Kish opened the meeting and introduced the DCR project team and consultants involved in the Lynn Veterans Memorial Park Waterfront Improvements and Boardwalk Reconstruction Project (Project No. P243573-C1A).
- It was noted that Greg Robbins (Deputy Chief for Waterways and Coastal Engineering) could not attend.
- Attendees were asked to register their names, company, and email in the chat for the record.
- Ground rules: All were asked to mute themselves and use the raise hand function to ask clarifying questions. It was specified that questions in the chat would not be accepted. Reminder to submit all other questions in writing, to be answered in an addendum.

Project Overview and Bidding Details

- The correct project number is P24-3573-C1A. The plan set shows a different number. This will be clarified in an addendum, but please note the correct number.

- DOT pre-qualification is required either in marine construction or recreation facilities category.
- Questions are due in writing, close of business, Monday, March 2, 2026.
- Addenda with Q&A will be issued at least three days prior to bid opening.

Award of Project

- Bid Opening: **12:00 PM, March 26, 2026**
- Funding Source: DCR 5-year Capital Plan
- Estimated project cost: $18,000,000.00

Bidding Information

- Required Prequalification: **MassDOT - Marine Construction or Recreation Facilities** (prior to bid opening)
- Contract Documents: available from DCR E-bid Room: www.bidexpress.com/businesses/36765/home
- Bid Proposals: submit via DCR E-bid Room: www.bidexpress.com/businesses/36765/home
- Questions after today must be in writing and received no later than **Monday, March 2nd** (Close of Business)
- Addenda(e) will be issued no later than 3 calendar days before bid opening
- Bid Security – 5% of the bid
- Payment & Performance Bonds shall be provided at 100% of contract amount
- Insurance requirements as indicated in the bid documents
- Participation Requirements: **6%** MBE, **10%** WBE
- Veteran Benchmark: **3.0%** VOBE
- Participation Goals: **15.3%** Local Minority Workforce; **6.9%** Local Women Workforce

  DCR takes SDOE requirements seriously. Quarterly certificates of payment are required. Final certified participation is due at the end of the contract.

Project Scope and Site Considerations (presented by David Andrews)

Scope of Project

- Mobilization & Demobilization for Park and Waterfront Boardwalk
  - Park mobilization and demobilization are covered in General Conditions; and Waterfront mobilization and demobilization are covered in Waterfront Site Preparation
- Selective demolition of existing park and waterfront boardwalk features

- Removing and disposing of all unsuitable materials and surplus excavated materials from the site
- Park excavation, filling, backfilling, grading and compacting
- Furnishing and installing geogrid and geotextile fabric
- Field screening, excavation, handling, transport and off-site disposal of urban fill
- Execution of tree removals, tree pruning, and furnishing and installation of tree, shrub, and perennial plantings and seeded lawn and coastal seed mix areas
    - There are a number of existing trees that require protection in place
- Selective demolition and replacement of parking lot paving and curbs, and provisions of new parking lot entry driveway
- Park improvements including, PIC concrete and precast concrete paving, fieldstone and gravel surfacing, granite curbing and steps, site furniture, steel railings, signs, and light fixtures on boardwalk and in park
- Boardwalk selective demo and installation of superstructure repairs, decking replacements, bracing + blocking.
- Installation of drilled piers, park light poles, steel sheet piles and micro piles for boardwalk
- Temporary cutting of utilities, sheet pile penetrations, reinstallation of utilities
- Protection of existing utilities and fuel system
- Site access: Defined laydown and access areas, shared access with residents/condos, strict compliance with easement and abutters agreements; no construction access at certain adjacent sites.

Park Overview:

An overview of the park and boardwalk proposed features was provided included the identification of locations for the new entry driveway, existing 2-way entry, parking lot, pedestrian bridge, plaza and splash pad, rain garden and landscaping, Southern Pile supported Boardwalk, proposed Micropile supported boardwalk, repairs to grade beam supported boardwalk, and marina gangways to remain.

Project Information

- Date of Completion: 504 Days from Notice to Proceed
    - Corrected from 503 days as incorrectly stated in General Conditions. Correction will be included in an Addendum
- Liquidated Damages: $1,800/day
- Work Hours: M-F, 7:00 AM – 3:30 PM, unless written authorization from DCR
- Permits:

  - Obtained: Order of Conditions and Extension of OOC, Notice of Project Change, Chapter 91
  - Contractor Responsibility: USACE Self-Verification Notification Form and any other permits required for construction
- State building inspector and local fire department have jurisdiction over their respective areas.
- Resident Engineering: DCR will provide resident engineering services as deemed necessary throughout the project duration.
- Easements and Abutter Agreements: The Memorandum of Agreement and the Right of Entry Agreement established between the neighboring Seaport Landing Condominium Trust and the DCR. Copies of the Easements, MOA and ROEA are included in the Bid Documents.
  - Easement Plans and MOA describe limitations of use of land owned by the Seaport Landing Condominiums and requirements for protection and repair of existing features.
  - All building entries to be maintained and free from restrictions of use throughout project duration.
  - All Seaport landing property must be protected throughout the duration of the project and repaired if damaged at the Contractor's expense.
    - It is incumbent upon the Contractor to document the existing conditions of Condominium property
  - Insurance Requirements as outlined in Bid Documents
  - Existing Building Conditions Survey: This work shall consist of performing a building condition survey(s). The building condition survey shall include documentation of exterior, interior, foundation, and any other pertinent structure or adjacent site elements. Including but not limited to:
    - The exterior of each residential building of the Condominium and the individual units and interior common elements thereof, including all structural elements, finish elements, and windows and doors.
    - Paved areas on common land that are located within any of the easement areas including, the paved entry area abutting Easement 1 and leading to and from Easement 2 (Entry Area).
    - The paved circle and pathway located between the Entry Area and Easement 3, and paved areas adjacent to landscaped, planted, or other improved areas.
    - Any utility, drainage or other installations serving the Condominium.
    - Any associated lines, pipes, or equipment and the marina fuel tanks
  - Vibration Monitoring: This work shall consist of performing vibration monitoring of background and construction activities and preparing daily and summary report(s) of

vibration readings during vibration producing activities such as but not limited to pile driving, vibratory compaction, demolition of concrete seawall or operation of heavy construction equipment. See Specifications for requirements
    - Building Egress and Unit Plans indicate known access points and unit numbers. Contractor responsible for verifying all entry locations and actual unit counts.
        - The Building Egress and Unit Plans will be included as part of an upcoming Addenda
    - Perform Pest Control prior to construction. See Specifications for requirements.
- Marina Closure: Marina will be closed from November 1, 2026, to April 30, 2027 to facilitate project construction activities. During this time, building access must be maintained at all times (Harbor Master room located at the southern end of Condominium Building.
    - Outside of Marina winter closure, access to the two marina gangways must be provided at all times to allow safe operation of the City of Lynn marina.
    - Liquidated Damages (of $1,800/day) are enacted if the Marina's ability to open is restricted.
- Lead Time Reminder: Assume lengthy lead time for steel and timber items, particularly. Contractor's responsibility to ensure timely ordering and delivery of materials to meet construction and marina schedule timelines.
- Site Mobilization and Demobilization: General site mobilization and demobilization is described in the General Conditions (Section 01000). Mobilization and Demobilization for all Waterfront associated work (i.e., boardwalk), is described in and is the work of Section 02010 Waterfront Site Preparation.
- Site Utilization Plan shall be provided prior to site mobilization. Plan shall include staging locations and access points for general site work and work associated with the boardwalk around the Seaport Landing Condominiums.
    - The Site Utilization Plan is required as part of the MOA
- Project Signage: Provide Mass DEP signage as required by the Order of Conditions and a DCR project sign in accordance with DCR requirements and standards.
- Field Office: Provide a Temporary Field Office and equipment for DCR Resident Engineer(s). See Specifications for requirements.
- The contractor shall provide a State Police Detail and Roadway Flaggers as is required by the Traffic Management Plan or as agreed with the Engineer.
- Pest Control: The Contractor shall develop and implement a pest management program in accordance with the project specifications (Section 01561). The program shall be initiated prior to any site disruptions and continue until completion of all work.
- Hazardous Materials: Project documents outline boring and soil testing results. A hazardous Screening Memo is provided in the specifications as Appendix G. Contractor responsible for

providing an Excavated Materials Management Plan and appointing an LSP during project work.

- Long history of settlement and fill, these are areas generally in the southwest corner are documented on the plans sheet B-2 for geogrid reinforcement.

- Electronic Document Service: Contractor is responsible for hosting and maintaining an electronic document management service as outlined in the project specifications.

Easements

- An overview of each Easement was provided using the plan from the slides
  - Easement 1 – A sliver of land along the east side of the park
  - Easement 4 – A sliver of land along the edge of the building face
    - Easements 1 and 4 are Permanent Easements for DCR's use of park and boardwalk
  - Easement 3 – A temporary easement to facilitate construction of a concrete sidewalk
  - Easement 2 – A permanent easement for DCR, also for laydown for the installation of the sheet pile wall and utilities.
  - The Entry Drive along the west side of the Condo building may be used for access only. No parking or blocking is permitted as residents may also be using this access. The Entry Drive is also a fire lane.
  - The red line indicates the approximate project limits.
  - No construction access is permitted at the orange crosses

- Existing Conditions and Site Photos
  - Portions of the existing site are visibly settling.
  - Existing boardwalk is in poor condition.
  - Most significant settling in the park occurs southern end of the park area
  - Reminder to document existing conditions as any damage to Seaport property is contractors' responsibility – photos are 1 year old and not current
  - Work includes the removal and replacement of the pavilion structure
  - The southern portion of the boardwalk is pile supported, the portion along the east side of the first condo building is grade beam supported, and the remainder of the boardwalk as it wraps around the eastern condo buildings is also grade beam supported.
  - The concrete bulkhead wall at the northern side of the southern pile supported boardwalk is cracked. The vertical stem of the wall is to be removed as part of the project.

Project Features

- Project Overview:

  - Park area with concrete and precast concrete paving, splashpad, granite curbing, site furniture, site lighting, lawn, perennial, shrub, tree planting, and connections to existing pedestrian infrastructure
  - Existing parking lot repaving and curbing, and new parking lot entry with entrance gate
  - New boardwalk decking, railing, refurbished marina gates, boardwalk structural support repair/reinforcement, micropile supported boardwalk, and boardwalk lighting
  - New steel sheetpile bulkhead with disconnected and reconnected utility connections
- Landscape (L and LD Series):
  - Site Preparation Demolition: nearly full site clearing and grubbing, protection of existing pedestrian bridge, existing tree removal, tree protection, and tree pruning.
  - Splash pad with water and electrical connections
  - Custom-dimensioned granite curbing at varying heights
  - Custom steel signage with custom High-Pressure Laminated Sign Boards
  - Custom boardwalk railings including waterside barrier with leaning rail, landside barrier, barriers and handrails at steps and ramps, plaza handrails
  - Refurbished Steel Marina Gates:
    - Contractor to provide engineer stamped plans for refurbishment and reinstallation of the existing marina gates and document in shop drawings how reinstalled gates will meet proposed new railings.
  - Contractor to review landscape and Coastal series together for railing scope of work.
- Civil, Site Structural, Geotechnical (B and C Series)
  - Geotechnical:
    - Site soils are settling and impact approach to site improvement.
    - Different depths of excavation required as shown on Sheet B-2
    - Geogrid is proposed for some portions of park area, drilled shafts foundations for park light poles, and micropile foundations for a portion of the boardwalk reconstruction. See Spec section 022000 “Site Earthwork,” and Appendix D: Final Geotech Engineering Report
  - Excavated Soil Management:
    - Contractor shall provide an Excavated Materials Management Plan. See Spec section 02280 “Excavated Soil Management,” and Appendix G: Hazardous Screening Memo .
  - Park Water
    - Scope includes connection to existing water piping bringing a new 3” service to supply the splash pad.
    - All existing irrigation throughout the park is being abandoned.

    - Park Drainage:
        - New drainage elements for proposed entrance driveway and parking are with connections to existing drainage vault. City requires vault connections to reuse existing penetrations. Inverts to be verified in field.
        - No new discharge locations are proposed. Splash Pad and rain garden discharges to match existing revetment outfalls.
- Foundations (SF Series):
    - Light poles in park are to be installed on Drilled Shaft Foundations.
- Electrical (E Series):
    - New lighting is proposed throughout the park.
- Utilities (UT Series):
    - Scope includes Water, Sewer, Drainage, Air, Communications, and Electric/Lighting that provide service to the marina and require disconnection and reconnection to re-establish services following installation of the proposed sheet pile retaining wall.
- Fuel System (FS Series):
    - Contractor is responsible to preserve and protect existing fuel tanks for duration of the project.
    - Fuel services provide gasoline and diesel services to the marina. Contractor is responsible for disconnecting and reconnecting service to facilitate installation of new sheet pile bulkhead.
- Coastal (MC and MS Series)
    - Steel Bulkhead:
        - Removal of vertical stem of existing concrete bulkhead
        - Installation of new steel sheet pile wall as described in contract documents.
        - Coordination with Utilities and Fuel System required to facilitate extension of utilities through new bulkhead
    - Temporary Removal and Reinstallation of the Pavilion (MS8)
        - Pavilion to be temporarily supported to facilitate installation of new decking and substructure repairs. Requirements are outlined in the contract documents
    - Decking + Railings:
        - Boardwalk Decking and Railing work covered by Landscape and Coastal Series.
        - Landscape Series covers decking pattern, railing details, and baseplates.
        - Coastal series addresses all structural design and railing attachments
    - Existing Flagpole
        - Contractor to submit decking details adjacent to flagpole foundation for review and approval.

- Existing Buildings:
  - Protection of all existing building door entrances and windows, which could be impacted by the work.
  - Preserve and protect Murals on West Condo Building as noted in contract documents
- Marina Access
  - Provide temporary measures to restrict access to marina floats (to remain in place).
  - Load Limits: Contractor to limit construction equipment to a 100 psf loading when within 10-feet of the existing revetment.
  - Marina Closure Constraints:
    - Work may occur between November 1 and April 30. Outside of this timeframe, Safe public access to Harbor Master's room and both marina gangways is required.
    - Additionally, the contractor shall provide periodic, scheduled access to Harbor Master room for Harbor Master or building staff at all points of the project (even within marina closure period, scheduled visits should be accommodated).
- Pile Clusters in Potential Crane Barge Area
  - Approx. Location of existing piles to be cut at mudline or completely removed and re-installed in-kind and at the same location.

- The Contractor has the option to remove some or all the existing timber fender piles and timber fender pile clusters as required to perform the work. Timber piles shall be removed in their entirety and not cut. Any fender piles or fender clusters removed for barge access, or any other reason, shall be replaced in-kind, at the exact location where they were removed at the expense of the Contractor. The Contractor is responsible for providing a survey prior to removal of any piles to determine exact as-built coordinates.

- The meeting was then opened up for questions from the attending contractors, but no questions were asked. Written questions will continue to be accepted until the deadline.

- Meeting notes and the presentation slides will be distributed as part of the addendum.

- Attendees were reminded to sign in via chat for record.

- The project team thanked all for their participation and interest, and the meeting was concluded.

Attachment(s): **Pre-Bid Meeting Sign-In Sheet**

Veterans Memorial Park Waterfront Improvements and Boardwalk Reconstruction
Project Number: P24-3573-C1A

Pre-Bid Meeting Sign-In Sheet

Prepared by Brown, Richardson + Rowe, Inc., Landscape Architects and Planners
February 24, 2026

	Name	Company	Email Address
1	Dave Andrews	BRR	dandrews@brownrowe.com
2	Monique Hall	BRR	mhall@brownrowe.com
3	John Latham	BRR	jlatham@brownrowe.com
4	Patrice Kish	DCR	patrice.kish@mass.gov
5	Gregory Robbins	DCR	Gregory.Robbins@mass.gov
6	Gillian Lay	DCR	Gillian.Lay@mass.gov
7	Mark Georgian	DCR	mark.n.georgian@mass.gov
8	Seth Whitcomb	DCR	seth.whitcomb@mass.gov
9	Jennifer Green	Foth	jennifer.green@foth.com
10	Kyle MacDonald	Foth	kyle.macdonald@foth.com

Veterans Memorial Park Waterfront Improvements and Boardwalk Reconstruction
Project Number: P24-3573-C1A

Pre-Bid Meeting Sign-In Sheet

Prepared by Brown, Richardson + Rowe, Inc., Landscape Architects and Planners
February 24, 2026

11	John Calnan	Stantec	john.calnan@stantec.com
12	Christopher Racine	Stantec	christopher.racine@stantec.com
13	Joe Auterio	S&R Corporation	jauterio@sandcorp.com
14	Graham Johnson	Northern Contruction Service, LLC	gjohnson@northernconstruction.com
15	Brock Dubey	Northern Construction Service, LLC	bdubey@northernconstruction.com
16	Kevin Hubbard	MIG Corporation	estimating@migcorporation.com
17	Don Voghel	MIG Corporation	dvoghel@migcorporation.com
18	Chris Barry	JF White Contracting	cbarry@jfwhite.com
19			
20			

Veterans Memorial Park Waterfront Improvements and Boardwalk Reconstruction
Project Number: P24-3573-C1A

Bidder Questions and Responses

March 16, 2026

	Date	Question	Response
1	2/16/2026	The BidExpress page for this proposal states the Proposal Number as P24-3573-C1A, however Plan Documents as well as others state the Proposal Number as P24-3575-C1A. Please confirm which is the correct Proposal Number for this job.	The correct Project Number is P24-3573-C1A. Any documents displaying the incorrect project number have been updated as part of Addendum #3.
2	2/24/2026	May the existing plans be made available?	The historical/original park and boardwalk construction drawings are included in Addendum #3.
3	2/24/2026	What is the existing size of the decking in the Pavilion area? Is it 2x8 or is it 4x12 like the other parts of the Boardwalk?	Existing decking at the Pavilion Area is 4x12. Refer to the historical/original drawings included in Addendum #3.
4	2/23/2024	Section E: MS-22 shows a connection section through the C10 x 30 pile capextensions with a 6x8x3/8x8 inch long angle supposedly connecting the stringers to the C10 x 30's. The 6x8 angle is not wide enough to be bolted to the channels as shown in Section A - MS-22. Please clarify how this angle connects to the pile cap extension channels.	Please see Section H on MS-6 for pile cap connection. Section E on MS-22 will be revised to match Section H on MS-6. Revised drawing included in Addendum #3.
5	2/23/2024	Drawing Sheet MS-15: Note 1 states existing 6x14 timber stringers to be replaced with new 4x16 timber stringers. See Detail 2 & 3 on MS-16. We see Detail 3 on MS-16 but do not find Detail 2. Does Detail 2 exist?	Detail 2 does not exist. Revised Note to "See Section C-C and Detail 3 on MS-16". Revised drawing included in Addendum #3.
6	2/23/2024	Drawing Sheet MS-15: Note 1 states to replace the existing 6x14 timber stringers with a new 4x16 timber stringer. The Legend in the bottom left hand corner of the drawing states to use 6x14 timber and a 3x6 timber sleeper ripped to fit. Please confirm that the replacement will be 4x16 timber.	Any existing 6x14 exterior/fascia stringer (handrail side) that is scheduled for replacement shall be replaced in kind with a new 6x14 stringer. A 3x sleeper shall be installed on top to match the existing deck elevation and account for the thickness difference between existing and new decking. The 6x14 size is required to accommodate the handrail connections. Any existing exterior and interior 6x14 stringer that remains in place shall receive a 3x sleeper to match the existing top of deck elevation and compensate for decking thickness differences. Any interior 6x14 stringer and any exterior 6x14 (non-railing side) scheduled for replacement, as well as any new interior stringers added to meet required maximum center to center spacing for deck span, shall instead be provided as 4x16 stringers. No sleeper is required on NEW 4x16 stringers.
7	2/23/2024	Bid Item 06130.10: F & I Install sleepers on Existing Timber Sleepers @ Grade Beam Supported Boardwalk has a bid quantity of 450 LF. We have taken this quantity off on drawings MS-14 & 15 and have a significantly higher quantity. Can you please check the bid quantity?	We concur that quantity needs to be revised. All new stringers will be 4x16 and will not require the addition of a sleeper. Sleepers are required only when existing 6x14 stringers (interior or exterior) are not replaced as a way to adjust the stringer depth to match such that the new top of deck elevation matches the existing. All quantities are based on a typical 12 LF board length. Bid form quantities are revised to reflect a total of 2400 LF.
8	2/23/2024	Bid Item 06130.08: F & I Timber Stringers @ Grade Beam Supported Boardwalk has a bid quantity of 4,360 LF. We have taken this quantity off on drawings MS-14 & 15 and have a significantly lower quantity. Can you please check the bid quantity?	Quantities are estimated based on a typical 12-foot span even though lengths vary per bent as anything over 10-feet will require a 12-foot board length. Quantities were developed from MS-14 and MS-15 for the hatch pattern in the legend that corresponds to "Installation of New 4x16 Timber Stringers". This quantity includes the condo pass through area and see below also picks up the new 6x14 condo pass through edge stringers. Bid form quantities are revised to reflect a total of 3700 LF.
9	2/23/2024	Please reference Specification Section 02800 Site Improvements, Subsection 1.03 Mockups Paragraph 10. This section identifies the requirement for 1 EA mock up for each sign type, Park Sign, Interpretive Sign, and Wayfinding Sign. For Park Sign and Interpretive Sign for which there is only 1 unit required on the project, please clarify the intent of the mock-up. Can final production of the required sign serve as the mock-up prior to delivery to the site, or on site as installed in its final location?	Approved mock-ups of each specific signage type may become part of the completed work as long as final locations and orientation are coordinated and approved in the field with the landscape architect prior to installation. Mock-ups may be viewed in the field or in the fabrication shop prior to delivery to site, as determined by landscape architect.
10	2/23/2024	Please reference Specification Section 02800 Site Improvements, Subsection 1.03 Mockups Paragraph 11. Are full size paper proofs of graphics an acceptable temporary material?	Yes, this is acceptable. However, specifications still require 2 physical color samples of the high-pressure laminate sign panel(s) that the final graphics will be applied to. The 2 samples should show a small portion of the final graphic(s) that is representative of their full color range.
11	3/6/2026	MS-7 calls to remove and re-install the stringers on top of the pile cap repairs. How are the existing stringers attached to the Pile Caps?	Re-installed stringers may be attached to match the existing connection, 1/2" DIA. H.D.G DRIFT PINS or they maybe connected with L4x6x3x8x4"L H.D.G CLIP ANGLE, LLV WITH A 3/4" DIA. ASTM A307 GALV. THRU BOLT W/H.D.G ROUND PLATE WASHERS (SIMILAR TO DETAIL D/MS-8a). Revised drawing included in Addendum #3.
12	3/6/2026	Sheet MS-7 calls out a potential for 36 locations of 10 foot stringers to be replaced. Will they be paid for under bid item 6130.02?	Yes, this work will be paid out under Bid Item 06130-2 FURNISH AND INSTALL TIMBER JOISTS REPLACEMENT AT TIMBER PILE SUPPORTED BOARDWALK. Additionally, please see Response to Question 37 and 39.
13	3/6/2026	Please clarify when the 6x6 angle shown in detail D/MS-8a should be used versus the 4x8 angle shown in detail J/MS-22.	Please provide the L6x6 angle shown in Detail D/MS-8a. Detail J on MS-22 has been revised to reflect this change. Revised drawing included in Addendum #3.

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	Date	Question	Response
14	3/6/2026	026652.08 calls for Zinc Anodes to be installed on the water line flanges. Are all flanges required to have Zinc Anodes?	Specification Section 02665, Paragraph 2.08, and Drawing UT-4 Note 1 require zinc anodes to be installed on each side of the proposed ductile iron flange, at the bulkhead, for the primary 6-inch water supply connection. Zinc anodes are not required on all water line flanges unless specifically indicated on the Drawings. Wax tape corrosion protection is also required at this location in accordance with Specification Section 02665, Paragraph 2.07 and Drawing UT-4 Note 1.
15	3/6/2026	Specification 05110 states excavation is incidental to the structural steel item. Is Bid Item 02200.01 Unclassified Excavation only for the park area?	Specification Section 02200 applies to the Park work only and Bid Item 02200.01 applies to the Park work only.
16	3/6/2026	Can the following Veterans Owned classifications be used toward the 3% VOBE goal? - SDVOBE (service disabled veterans owned business enterprise) - VOSBE (verteran owned small business enterprise)	Yes, SDVOBE and VOSBE can be used towarrds the 3% VOBE goal.
17	3/6/2026	Please confirm that for items designated to be delivered to a DCR or City of Lynn facility or laydown there is appropriate equipment to offload specified items.	Neither DCR nor the City of Lynn have equipment to offload the specified items. The contractor will be required to provide the equipment to offload the specified items. Items for DCR shall be delivered to the Stoneham Labor Yard at 164 Pond Street, Stoneham MA, 02108. Delivery shall be coordinated with DCR's Resident Engineer. Items for the City of Lynn shall be delivered to the City of Lynn DPW Yard at 250 Commercial St, Lynn, MA 01905 or to a location as specifed by the City of Lynn, within City limits. Delivery shall be coordinated with DCR's Resident Engineer and the City of Lynn.
18	3/6/2026	Please reference Drawing Sheet MS-19 section EE Typical Steel Cap section for the sheet pile bulkhead. There does not appear to be a positive connection between the steel cap and the sheet mounted clip angles. Please confirm there is no positive connection or provide more clarifying details of the connection.	For Detail DD on MS-19, provide 5/16" fillet welds on both sides/ vertical legs of the clip angle (typical). For Detail EE on MS-19, provide provide 5/16" fillet welds on both sides/vertical legs of the clip angle (typical at each location) and provide 5/16" fillet welds on both sides/horizontal legs of the clip angle (typical at each location). Revised drawing included in Addendum #3.
19	3/6/2026	Please reference Specification Section 02800 Section 2.22 regarding Steel Marina Gates 1 and 2. The drawings and specifications state the gates shall be (removed) restored, repaired and reinstalled. The specifications also state an existing survey shall be conducted on the gate system's existing condition and suitability for refurbishment. Please clarify who makes determination regarding suitability of refurbishment vs replacement. Also please provide criteria for suitability for refurbishment.	The contractor is responsible for determining whether the existing Steel Marina Gates can be refurbished to a condition that is suitable to provide a 20-year design life, post installation. A registered engineer is required to stamp the submitted shop drawings. If in the opinion of the contractor and the contractor's registered engineer, refurbished gates cannot deliver the required 20-year design life, new gates shall be provided.
20	3/6/2026	Drawing Sheet MS-8a details countersunk thru bolts with a Sikaflex 290 DC Pro sealant. Is a sealant or surface treatment required for the countersunk surface mounted deck screws?	No, this is only required at bolted connections. Countersunk deck screws do not require Sikaflex.
21	3/6/2026	I was wondering if the pre-bid conference was recorded and could be shared? Unfortunately, I was on the cape without internet access because of the weather.	The pre-bid conference was not recorded, but detailed meeting minutes and a copy of the presentation will be provided as part of Addendum #3.
22	3/6/2026	Please confirm that the pre/post condition survey must be performed for ALL condominium units? If yes, please provide the number of units, common rooms, and auxiliary rooms that will require survey. REF: Specification 02213	Yes, a pre/post condominium survey must be performed for all units. A building egress and unit plan has been provided as part of Addendum #3. Contractor is responsible for verifying unit counts.
23	3/6/2026	Please confirm there is not mechanical connection between the sheet piles and epoxy coated sheet pile cap. REF: EE/MS-4	For Detail DD on MS-19, provide 5/16" fillet welds on both sides/ vertical legs of the clip angle (typical). For Detail EE on MS-19, provide provide 5/16" fillet welds on both sides/vertical legs of the clip angle (typical at each location) and provide 5/16" fillet welds on both sides/horizontal legs of the clip angle (typical at each location). Revised drawing included in Addendum #3.
24	3/6/2026	Note 3 on MS-10 indicates the top two sections of micropiles shall be epoxy coated. Will there be a required minimum length?	Minimum Coated Length shall be 10-feet. Revised drawing included in Addendum #3.
25	3/6/2026	It does not appear the 13" micropile cap plate would accommodate the allowable micropile construction tolerances. Please consider.	The 13" x 13" cap plate is a minimum. Contractors shall provide a cap plate that allows enough room to install the required weld between the micropile and cap plate considering the maximum 3" lateral tolerance for the micropile installation.
26	3/6/2026	Please confirm there is no lateral capacity requirement for the micropiles.	There is no lateral capacity requirement. See Drawing G-2, for compression and tension load testing requirements.
27	3/6/2026	Please confirm ONLY the outside of the micropile casing will be required to be epoxy coated.	Only coating of the outside of the micropile casing is required.

Veterans Memorial Park Waterfront Improvements and Boardwalk Reconstruction
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	Date	Question	Response
28	3/6/2026	Please confirm that the removal of existing marine piles are only for the convenience of the contractor and that if NO piles would obstruct the contractors means and methods that no marine pile removal or install would be required within this contract. REF: MS-1, 02010	Correct, removal of existing marine piles is not part of the required scope of work, and is provided as a Contractor option for means and methods only. Installation is only required if the Contractor elects to remove piles to facilitate the work.
29	3/6/2026	Please confirm that Note 12/MS-1 intention is to limit the work on the 2 landing platforms and access to Nov 1 – April 30 ONLY and that all other work in these areas may occur at anytime during the project schedule provided that a means of access is provided.	Public marina access is required before November 01, 2026 and after April 30, 2027 to both marina gangways and the Harbor Master's Room. The Contractor may propose alternative means of public access to the marina gangways and Harbor Master's Room, subject to review and acceptance by DCR and/or the Harbor Master. From November 01, 2026 until April 30, 2027, the Contractor is not required to provide public marina access, but is required to provide scheduled access to the Harbor Master Office throughout the project duration.
30	3/6/2026	Please consider increasing the project duration given the level of procurement and limit on construction windows.	DCR is not planning to extend the project duration at this time.
31	3/6/2026	MS-9-13 seem to indicate that the ground under the finish gravel grade is to be determined by the contractor and that ancillary void space is OK even if below HTL. Is this correct? REF: S/MS-1	Existing grade adjacent to the revetment shall remain. If disturbed by construction activities, existing grade and materials shall be restored by the contractor to pre construction conditions at no additional cost to the owner. A note has been added to Sheet G 1. Revised drawing included in Addendum #3.
32	2/17/2026	Please reference Specification Section 02010 and drawing sheet MS-1 regarding optional removal and replacement of timber piles and clusters to facilitate marine access to reconstruct the timber pile supported boardwalk. Are timber piles that are removed required to be replaced by end of specified work window on April 30th?	Any timber fender piles or timber pile clusters that the Contractor optionally elects to remove must be re-installed prior to completion of the marine scope of work. Installation by April 30, 2027 is not required. Note, any work performed outside of the November 1, 2026 to April 30, 2027 marina closure period shall not interupt the normal operations of the marina at any time.
33	2/17/2026	Regarding the Existing Western Timber Marina Gangway Landing, drawing sheet MS-1 identifies this gangway to be removed and delivered to the City of Lynn storage yard. Drawing sheet MS-3 Note 3 calls for the Gangway to be removed stored and reinstalled. Please clarify the intent of this gangway. If this gangway is to be re-installed, is it required to be installed and accessible by the end of the specified work window on April 30th?	There are 3 gangways, and only one shall be removed. MS-1 correctly indicates that the Existing Western Marina Gangway shall be removed and delivered to the City of Lynn storage yard. The drawing label on MS-4 (not MS-3 as noted in the question) that points to the western marina gangway and refers to Note 3, is incorrect. Note 3 only applies to the other two existing gangways. A new drawing label at the western gate has been added to sheet MS-4, and now refers to a new note (#9) which states: "The existing western marina gangway shall be removed and delivered to the City of Lynn storage yard. Reinstallation is not required." Revised drawing included in Addendum #3.
34	2/17/2026	Please provide the foundation type and details for luminaire light poles B09 & B10 and the corresponding payment item.	Luminaire light poles B09 and B10 are on-grade light poles founded on drilled shafts. See foundation details on Sheet SF-1. Foundation dimensions for B09 and B10 are D= 2'-6" and L= 10'-0". Payment item for drilled shafts is "02360 Drilled Shafts" and the revised quantity is 500 FEET. In addition, for fixtures B11 to B22, the light pole locations and light pole support details can be found on Coastal Sheets MS-4, MS-11, MS-14, MS-15, and MS-19. Revised drawing sheet SF-2 has been included in Addendum #3.
35	2/17/2026	Item 05110.04 -F & I Epoxy Coated Structural Steel Grade Beam Extension Channels is called out as C10x30 on Drawing Sheet MS-22 , Sections L – MS14 & L-MS15. On Drawing Sheet MS 16 – Section BB it is called out as C10x20. Which size channel is to be supplied?	Section L on MS-22 has been revised to C10x20. Revised drawing included in Addendum #3.
36	2/17/2026	Item 05110.03 – F & I Hot Dipped Galvanized Structural Steel Timber Pile Cap Extension Channels has a bid quantity of 52 Bents. We have taken these off on Drawing Sheet MS-4 at Column Lines 1- 26 or 26 Bents. Should the bid quantity be 26 EB?	Yes, the quantity should be 26 Bents. The bid form will be revised to correct the quantity from 52 to 26.
37	2/17/2026	Item 06130.02 – F & I Timber Stringer Replacement @ Timber Pile Supported Boardwalk has a bid quantity of 450 LF. Which drawing shows the areas that this scope of work takes place?	Bid Item 06130-2 pertains to the table on Drawing MS-7. This bid item is reserved for replacement of timber stringers which are damaged during pile cap replacement. Locations will be determined in the field. The pile bents are spaced at 10-feet on center, but additional length was included in the total LF quantity to cover any bent spacing variations or other unknowns. The bid form quantity of 450 LF will not be changed. The table on MS-7 will be revised to reflect a quantity of 450 LF and 36 locations of @ 12+/- feet. Additionally, please see response to Question 12 and 39. Revised drawing included in Addendum #3.
38	2/17/2026	Drawing Sheet MS-7 has a TBD quantity of 36 locations @10 LF per location or 360 LF of a reserved timber stringers to be used to replace stringers damaged during removal for cap replacement in Item 06130.03. Is this replacement quantity of 360 LF to be included in Item 06130.03 or will it be paid by the LF in either item 06130.01 or 06130.02?	This work will be paid out under Bid Item 06130-2 FURNISH AND INSTALL TIMBER JOISTS REPLACEMENT AT TIMBER PILE SUPPORTED BOARDWALK at the unit price per LF.

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	Date	Question	Response
39	2/17/2026	Section G-MS-4 on Sheet MS-6 Pile Supported Pier Section calls out the existing stringers as 8 x 14 timbers. The 36 locations with 360 lf of quantity reserved for timber stringers damaged during pile cap replacement on sheet MS-7 calls these out as 6 x 14 timbers. Which size is correct?	Existing Interior Stringers are 8x14. Existing Exterior stringers are (2)6x14. The table heading on MS-7 shall be revised from "6x14 Timber Pile Supported Stringer Replacement" to "6x14 **or 8x14** Timber Pile Supported Stringer Replacement". Additionally, please see response to Question 12 and 37. Revised drawing included in Addendum #3.
40	2/17/2026	Note 1 on Sheet MS-7 calls out to remove, store and reinstall existing timber stringers at pile cap replacement locations. Will existing connection hardware & fasteners be allowed to be reused or is new connection hardware & fasteners required?	New Hardware shall be provided for all re-installed stringers and may be attached to match the existing connection, 1/2" DIA. H.D.G DRIFT PINS or they may be attached with L4x6x3/8"x4" L H.D.G CLIP ANGLES, LLV WITH A 3/4" DIA. ASTM A307 GALV. THRU BOLT W/H.D.G ROUND PLATE WASHERS (SIMILAR TO DETAIL D/MS-8a). Revised drawing included in Addendum #3.
41	2/17/2026	Section A-MS-8 Typical Section at 4 x 14 Timber Edge Stringers on Sheet MS-8a shows a connection detail with thru bolts vertically through the stringers and horizontally thru the cap on Line 2A. Section D-MS-8 Typical Section at 4 x 14 Timber Stringers on Sheet MS-8a shows a connection detail with thru bolts horizontally thru the stringer and vertically through the cap on Line 2A. The Pavillion Partial Plan Drawing MS-8 – Line 2A seems to use Section D-MS-8. Please advise what connection detail is to be used on line 2A.	See revised clarifications on Sheet MS-8, and MS-8A section A, Revision A1. Revised drawing included in Addendum #3.

SECTION 01000
GENERAL CONDITIONS

1.01 Introduction

A. If, during the performance of the Work, the Contractor finds a conflict, error, or discrepancy in the Contract Documents, the Contractor shall so report to the Landscape Architect and Engineer in writing at once. Before proceeding with the Work affected thereby, the Contractor shall obtain a written interpretation or clarification from the Landscape Architect or Engineer. Any work done before the Landscape Architect or Engineer renders his decision is at the Contractor's sole risk.

B. In case of an inconsistency between Drawings and Specifications, or within either document not clarified by Addendum, the better quality or greater quantity of work shall be provided in accordance with the Landscape Architect or Engineer's interpretation.

C. The Contractor guarantees that in the performance of work, he and every person in his direct or indirect employment (i.e., subcontractors) shall abide by and comply with all Federal, State, and local laws including the Occupational Safety and Health Act.

D. The term DCR, as used throughout the Contract Documents, designates Department of Conservation & Recreation (DCR), or its duly authorized representative.

E. The term DCR Representative, as used throughout these Specifications, indicates the Owner's or DCR authorized representative for a particular activity.

F. The term Engineer or Engineer-Of-Record, as used throughout the Contract Documents, designates Foth Infrastructure and Environment, LLC, or Stantec, or its duly authorized representative.

G. The term Landscape Architect, as used throughout the Contract Documents, designates Brown, Richardson, & Rowe, LLC (BRR) or its duly authorized representative.

H. The Work shall be substantially complete no later than **504 Calendar Days after the Notice to Proceed,** with punch list items/site cleanup/demobilization completed no later than **534 Calendar Days after the Notice to Proceed**. If, in the opinion of DCR, the Contractor has not mobilized sufficient equipment or material and/or if the Contractor does not demonstrate that sufficient work is underway within 30 days after Award of

SECTION 16421
BOARDWALK ELECTRICAL UTILITIES

PART 1 GENERAL

1.01 GENERAL REQUIREMENTS

A. Include to the CONTRACT AND GENERAL CONDITIONS and all Sections within DIVISION 1 – GENERAL REQUIREMENTS, which are hereby made a part of this Section of the Specifications.

B. Examine all other Sections of the specifications for requirements which affect Work of this Section whether or not such work is specifically mentioned in this Section.

C. Coordinate work with that of all other trades affecting or affected by Work of this Section. Cooperate with such trades to assure the steady progress of all Work under the Contract.

D. The work shall conform to the relevant provisions of the latest Commonwealth of Massachusetts Department of Transportation (MassDOT) Standard Specifications for Highways and Bridges and the Supplemental Specifications.

1.02 SUBMITTALS

A. General

1. Submit the following in accordance with Division 1 requirements. Submittals shall be provided sufficiently in advance of the Work to allow for review and coordination. Work shall not proceed on items requiring submittal until review is complete.

B. Field Investigation Report

1. Submit a comprehensive field investigation report following completion of utility locating activities and prior to any disconnection or demolition. Include, at a minimum:

a. Identified routing, depth, and extent of all existing utilities within the project area, including those not shown on the Plans.

b. Identification of utilities as active, inactive, or abandoned, including basis for determination.

c. Methods used for investigation (e.g., line tracing, GPR, potholing).

d. Photographs and sketches documenting findings.

e. Identification of conflicts with the proposed seawall alignment.

C. Utility Modification Plan

1. Submit a detailed plan for review prior to commencing relocation work. Include:

a. Proposed methods for disconnection, temporary support, and protection of existing utilities.

b. Contractor shall identify proposed locations for pullback, temporary storage, and reconnection points for all utilities.

c. Proposed routing for relocated utilities, including raceways, penetrations, and supports.

d. Details of new installations through the seawall, including materials and sealing methods suitable for the marine environment.

e. Sequence of work and coordination with overall project phasing.

f. Proposed outage durations and coordination plan with the Owner and utility companies.

g. Schedule of Values along with a list of materials for the modifications required to each utility.

D. Product Data

1. Submit manufacturer's data for materials proposed for use, including conduits, fittings, supports, sealants, and corrosion-resistant components intended for coastal/marine environments.

E. Record Documentation (As-Builts)

1. Submit record drawings indicating final locations, routing, and depths of all utilities, including relocated and newly installed systems. Include all field deviations from the original Plans.

1.03 DESCRIPTION OF WORK

A. Work under this Section includes field investigation and identification of existing electrical power, telephone, cable, and CCTV systems; disconnecting, supporting, protecting, relocating, and reinstating existing systems; demolition and disposal of abandoned conduits, raceways, and cabling located underground and beneath the boardwalk; and all labor, tools, equipment, materials, and incidental work required to complete the work.

B. The Work is associated with replacement of the existing seawall at a new alignment and is limited to the south portion of the boardwalk as shown on the contract drawings.

C. The Contractor shall perform all necessary field investigation, including line tracing and other appropriate subsurface investigation methods, to determine the location, depth, extent, and service status of all utilities, including those not shown on the contract drawings. Findings shall be submitted to the Engineer for review; however, such review shall not relieve the Contractor of responsibility for the completeness or accuracy of the investigation or for coordination of the Work.

D. Contractor shall include all costs associated with investigation, identification, and relocation of utilities in the Contract Price.

1. Contractor shall include in the Contract Price all costs associated with uncertainty in existing utility conditions, including but not limited to variations in quantity, size, routing, depth, and termination points. The Contractor is responsible for developing a complete and functional relocation approach based on field investigation and shall not rely solely on information shown on the Drawings.

E. This Section specifies requirements for the following types of work and related items, but is not limited to:

1. Field verifying, locating, and assessing existing power, telephone, telecommunications, and security installations indicated on the Plans and those encountered in the field.

2. Identifying utilities that are no longer in service and removing or abandoning such utilities, including associated equipment, conduits, and cabling.

3. Temporarily disconnecting and maintaining continuity of service for active utilities as required during demolition of the existing seawall and installation of the proposed sheet pile wall.

4. Providing temporary support and protection for existing conduits and cabling to remain in service during construction.

5. Providing temporary power for construction activities.

6. Disconnecting, removing, and/or pulling back utilities that conflict with the proposed seawall alignment to facilitate construction.

7. Furnishing and installing new raceways, sleeves, penetrations, fittings, supports, and ancillary materials required to route utilities through the new sheet pile wall and restore service.

8. Reconnecting, extending, and testing all utilities to restore full operation upon completion of the Work.

9. Coordinating with all applicable utility companies, including obtaining approvals, work orders, and scheduling, and payment of all associated fees and charges.

10. Providing advance notification to the Owner and affected parties of all planned power and telecommunications interruptions and coordinating outage durations.

11. Performing all Work in coordination with the overall project phasing, including completion within the period when the marina is shut down for waterfront construction. Refer to Section 02010.

1.04 QUALITY ASSURANCE

A. Codes and Standards

1. Perform all Work in accordance with applicable federal, state, and local codes and regulations, including utility company requirements and ANSI/NFPA 70 (National Electrical Code) for systems up to 600 volts.

B. Contractor Qualifications

1. Work shall be performed by qualified personnel experienced in utility locating, electrical utility relocation, and work in coastal/marine environments.

C. Field Investigation Responsibility

1. Contractor shall be responsible for the accuracy and completeness of all field investigations and for verifying existing conditions prior to construction. Engineer review of submittals does not relieve the Contractor of this responsibility.

D. Protection of Existing Services

1. Maintain continuity of service for all active utilities unless otherwise approved. Provide temporary systems, supports, and protection as required to prevent interruption or damage.

E. Materials and Installation – Marine Environment

1. All materials and installation methods shall be suitable for coastal/marine exposure, including corrosion resistance and watertight integrity of all penetrations and connections.

PART 2 PRODUCTS

2.01 CABLE

A. Low Voltage Power and Lighting Wire

1. Wire rated for 600 volts in duct or conduit for power and lighting circuits shall be single conductor, Class B Type XHHW or XHHW-2 cross-linked polyethylene conforming to UL-44 - UL Standard for Thermoset-Insulated Wires and Cables.

2. Conductors for feeders as defined in Article 100 of the NEC shall be sized to prevent a voltage drop exceeding 3 percent at the farthest outlet of power, heating, and lighting loads, or combinations of such loads, and where the maximum total voltage drop on both feeders and branch circuits to the farthest connected load does not exceed 5 percent.

3. Conductors for branch circuits as defined in Article 100 of the NEC shall be sized to prevent voltage drop exceeding 3 percent at the farthest connected load or combinations of such loads and where the maximum total voltage drop on both feeders and branch circuits to the farthest connected load does not exceed 5 percent.

4. Wiring for 600 volt class power and lighting shall be as manufactured by Okonite, General Cable, Southwire, or equal.

B. Low Voltage Control Wire

1. Low voltage control wire in duct or conduit shall be the same type as power and lighting wire indicated above.

2. Control wiring shall be No.14 AWG.

C. Low Voltage Power and Control, Multi-Conductor/Tray Cable

1. Multi-conductor tray cable shall be rated 600 volts, listed by UL as Type TC cable per Article 336 of the NEC. The individual conductors shall be UL listed as Type XHHW or XHHW-2, with a sunlight-resistant PVC overall jacket.

2. Minimum conductor sizes shall be the same as for power and lighting wire and control wire as specified above.

2.02 CABLE SPLICES AND TERMINATIONS

A. Where cable lugs are required for power cable terminations, utilize compression lugs – 3M Scotchlok 30000 and 31100 Series, Penn Union HBBLU and BLU, Burndy Hylug, or equal. Utilize compression tools as recommended by the manufacturer. Pressure type, twist-on connectors (wire nuts) will not be acceptable.

B. Pre-insulated fork tongue lugs shall be Thomas & Betts, Burndy, or equal.

C. General purpose insulating tape shall be Scotch No. 33, Plymouth Slip-knot, or equal. High temperature tape shall be polyvinyl as manufactured by Plymouth, 3M, or equal.

D. Labels for coding 600 volt wiring shall be computer printable or pre-printed, self-laminating, self-sticking, as manufactured by W.H. Brady, 3M, or equal.

E. Stress cone material for make-up of medium voltage shielded cable shall be as manufactured by Raychem, 3M, or equal.

F. Splice kits shall be designed for continuous submergence. Heat shrink splice kits shall be Raychem “Type HVS”, or equal. “Cold” shrink splice kits shall be 3M “5760 Series”, or equal. The CONTRACTOR’s personnel shall be trained by the splice kit manufacturer for proper installation of the splices, and shall submit certification of training as a shop drawing. A certified trainee shall perform the splice work.

2.03 FITTINGS AND BOXES

A. General

1. For use with metallic conduit, provide cast and malleable iron fittings of the threaded type with 5 full threads.

B. Fittings and Boxes

1. Provide fittings and boxes with neoprene gaskets and non-magnetic stainless steel screws.

2. Attach covers by means of holes tapped into the body of the fitting.

3. Covers for fittings attached by means of clips or clamps will not be accepted.

4. Provide boxes larger than standard cast or malleable types manufactured of Type 316 stainless steel, NEMA 4X.

C. Terminations

1. In outdoor areas, terminate conduit in rain-tight hubs as manufactured by Myers, O.Z. Gedney, Appleton, or equal.

2. In other than outdoor areas, provide sealed locknuts and bushings.

D. PVC Fittings and Boxes

1. For use with rigid non-metallic conduit, provide fittings manufactured of solvent-welded PVC.

2. Provide boxes manufactured of PVC or fiberglass reinforced polyester (FRP).

3. Provide welding solvent as required for the installation of non-metallic conduit and fittings.

E. PVC-Coated RGS Fittings

1. For use with PVC-coated RGS, provide PVC-coated coated that are the products of the same manufacturer as the conduit.

2. Provide male and female threads and internal surfaces with a 2-mil urethane coating.

2.04 RACEWAY AND DUCTS

A. Provide underground ducts constructed of rigid PVC conduits, Schedule 80. Union-type fittings shall not be used.

B. Exposed conduit shall be PVC-coated galvanized steel or Schedule 80 PVC.

C. Provide rigid non-metallic conduit manufactured in accordance with NEMA TC-2 - Electrical Plastic Tubing and Conduit, and UL-651 - Standard for Rigid Non-metallic Conduit.

D. Rigid PVC-Coated Galvanized Steel (RPGS) Conduit

1. Bond a PVC coating to the outer surface of the galvanized conduit.

2. Ensure that the bond between the coating and the conduit surface is greater than the tensile strength of the coating.

3. Provide the inside surfaces and threads of the conduit with a 2-mil urethane coating.

4. Provide a PVC coating thickness not less than 40 mils.

5. The PVC-coated RGS shall be manufactured in accordance with the following standards:

i. UL-6

ii. ANSI C80.1

iii. NEMA RN1 - PVC Externally Coated Galvanized Rigid Steel Conduit and Intermediate Metal Conduit

6. Assure duct size is compliant with NFPA 70 CSA 22.1 for the number, size, and type of cables being installed.

7. Assure conduit size is compliant with NFPA 70 (NEC) Chapter 9, Table 1 and Annex C.

2.05 TEMPORARY POWER SYSTEM

A. Provide a temporary power system for construction use as follows:

1. Provide a 120/240V, single-phase panelboard located above the boardwalk and above the waterline.

2. Panelboard shall include:

a. Two (2) 20-ampere GFCI-protected duplex receptacles with weatherproof "in-use" covers.

b. One (1) 30-ampere, 240V receptacle.

B. Connect panelboard to an existing panel in the Marina Equipment Room via an 80-ampere, two-pole circuit breaker (10,000 AIC minimum) installed in a spare space.

C. Provide feeders consisting of three (3) #2 AWG copper conductors and one (1) #6 AWG green insulated grounding conductor, Type THWN/THWN-2, installed in 2-inch Schedule 80 PVC conduit.

D. Terminate neutral conductor to the neutral bus and equipment grounding conductor to an isolated ground bus bonded to the enclosure of the existing panel.

E. Provide NEMA 4X PVC junction boxes, located and sized in accordance with NFPA 70.

PART 3 EXECUTION

3.01 FIELD INVESTIGATION

A. Prior to any demolition, excavation, or utility work, Contractor shall perform a comprehensive field investigation to locate, identify, and verify all existing electrical utilities within the project limits, including those not shown on the Drawings.

B. Investigation shall include appropriate methods such as line tracing, subsurface scanning, and non-destructive excavation (e.g., potholing) as required to determine routing, depth, and condition of utilities.

C. Investigation shall include locating source equipment, termination points, pull boxes, and handholes associated with each utility.

D. Contractor shall determine the operational status of each utility (active, inactive, or abandoned) and identify all conflicts with the proposed seawall alignment.

E. No utility relocation, disconnection, or demolition work shall proceed until the Field Investigation Report and Utility Relocation Plan have been submitted and reviewed.

F. Beginning of demolition means installer accepts existing conditions.

3.02 PROTECTION AND CONTINUITY OF SERVICE

A. Contractor shall protect all existing utilities to remain and maintain continuous operation of active services unless otherwise approved.

B. Provide temporary supports, shielding, and/or temporary services as required to prevent damage or interruption during construction.

C. Any damage to existing utilities shall be repaired or replaced at no additional cost to the Owner.

3.03 TEMPORARY SUPPORT

A. Provide temporary support systems for utilities located beneath the boardwalk that are to remain in service during construction.

B. Temporary supports shall be designed and installed to maintain structural integrity and serviceability throughout construction activities.

3.04 DISCONNECTION AND REMOVAL

A. Utilities identified as abandoned under the boardwalk shall be removed, including associated conduits, cabling, and equipment, unless otherwise directed.

B. Utilities identified as abandoned that are buried shall be removed if conflicting with the seawall construction shall be cut and sealed 10’ from the new seawall. Buried abandoned utilities shall be abandoned in place and shall be noted on the as built plans. Removal shall include associated conduits, cabling, and equipment, unless otherwise directed.

C. Utilities conflicting with the proposed seawall shall be disconnected, removed, and/or pulled back a minimum of 10’ from the new seawall as required to facilitate construction.

D. Coordinate all disconnections and outages with the Owner and utility companies and provide advance notice as specified.

E. Extents of disconnection and pullback shall be determined by the Contractor based on field conditions and construction requirements.

3.05 INSTALLATION THROUGH NEW SEA WALL

A. Install new conduits, sleeves, and penetrations through the new sheet pile wall as required to accommodate all utilities.

B. All penetrations shall be sealed watertight and installed to prevent corrosion and water ingress in a marine environment.

C. Routing of utilities shall be determined by the Contractor based on field conditions and coordination with other trades.

3.06 REINSTALLATION AND RECONNECTION

A. Reconnect and extend all utilities to restore full functionality upon completion of the seawall construction.

B. Provide all required splices, terminations, and connections in approved, accessible, and weatherproof enclosures.

C. Minimize splicing where practicable.

3.07 CLEANING AND REPAIR

A. Panelboards: Clean exposed surfaces and check tightness of electrical connections. Replace damaged circuit breakers and provide closure plates for vacant positions. Provide typed circuit directory showing revised circuiting arrangement. Provide knockout seals to close unused knockouts. Modify connections in existing Panelboards as necessary.

B. Clean and repair existing materials and equipment which remain or are to be reused. Re-gasket and reseal as required to maintain watertight or weatherproof enclosures. Provide penetrations as indicated and per the detail on drawing.

3.08 TESTING AND RESTORATION

A. Test all reinstalled and reconnected systems to verify proper operation prior to final acceptance.

B. Restore all disturbed areas to original or better condition.

3.09 COORDINATION AND SCHEDULING

A. Coordinate all Work with the overall project schedule, including seawall construction and marina shutdown period.

B. Sequence work to minimize service interruptions and avoid delays to critical path activities.

3.10 CONTRACTOR RESPONSIBILITY FOR EXISTING CONDITIONS

A. Contractor shall be solely responsible for verifying existing conditions and for all means, methods, sequencing, and routing required to complete the Work.

B. The contractor is responsible for failure to identify existing utilities or site conditions through the required field investigation.

3.11 INSTALLATION

A. Make arrangements with Utility Company for modifications per the Project Contract Documents. Comply with City of Lynn Requirements.

B. Temporary Panelboard: Locate the panel in a central location to the work area as noted in Part 2, Paragraph F.

C. Pay for all utility charges for extension of existing services and modifications necessary by Utility Company for connection of service entrance. All work shall comply with OSHA regulations, NFPA 70 – The National Electrical Code and NFPA 70E – The National Electrical Safety Code.

PART 4 COMPENSATION

4.01 MEASUREMENT

A. The Contract price shall include all costs associated with variability and uncertainty in existing utility conditions, including but not limited to differences in quantity, size, type, routing, depth, condition, and termination points of utilities encountered. No additional compensation will be provided for variations in quantities or conditions that are consistent with, or can be inferred from, the Contract Documents and information available at the time of bidding, including indicated quantities in the following sections.

1. The quantities listed in the following sections represent estimation from existing GPR and visual survey. The quantities serve to provide guidance of scope to Contractor - they are not all inclusive.

B. Measurement for FIELD INVESTIGATION & EXISTING ELECTRICAL, TELEPHONE, CABLE TELEVISION & CCTV UTILITY LINE TRACING + EQUIPMENT RENTAL at the South Boardwalk will be made on a LUMP SUM basis for all work described in this section not otherwise listed below, completed as indicated by the Contract Drawings.

C. Measurement for MODIFICATION OF EXISTING UTILITIES at the South Boardwalk will be made on a LUMP SUM basis for each respective utility (telephone, cable television CCTV, and electrical power) as described in this section not otherwise listed below, completed as indicated by the Contract Drawings.

1. Includes all work required to disconnect, support, protect, relocate, reroute, and reconnect existing utilities of all types, regardless of length, quantity, or complexity.

2. The following quantities provide estimations for the conduit visible from the existing seawall and the estimated section lengths that would need to be removed for seawall construction and replaced. The quantities do not indicate required cable pull back lengths, fittings, boxes, splices, isolation/disconnection and any relocation:

a. 1" CONDUIT
   i. PVC: 15’
   ii. RGS PVC Coated: 15’

b. 2" CONDUIT
    i. PVC:15’
c. 3" CONDUIT:
    i. PVC: 45’
    ii. RGS PVC Coated: 15’
d. 4" CONDUIT
    i. PVC: 315’
    ii. RGS PVC Coated: 15’
e. 6" CONDUIT
    i. PVC: 15’
    ii. RGS PVC Coated: 60’
f. 9" CONDUIT
    i. PVC: 15’

D. Measurement for DEMOLISH CONDUIT under the appropriate size will be made on a per LINEAR FOOT basis for conduit removed and properly disposed of, including existing electrical power system connections, telephone, cable television and CCTV (Security Camera Lines), and for all work as described in this section not otherwise listed below, completed as indicated by the Contract Drawings.

E. Measurement for NEW CONDUIT under the appropriate size will be made on a per LINEAR FOOT basis for conduit removed and properly disposed of, including existing electrical power system connections, telephone, cable television and CCTV (Security Camera Lines), and for all work as described in this section not otherwise listed below, completed as indicated by the Contract Drawings.

F. Measurement for SUPPORT EXISTING CABLE TRAY will be made on a per LINEAR FOOT basis for all work described in this section not otherwise listed below, completed as indicated by the Contract Drawings.

G. Measurement for MODIFY CIRCUITS AT EXISTING PANELBOARDS will be made on a per EACH basis for all work described in this section not otherwise listed below, completed as indicated by the Contract Drawings.

H. Measurement for CONDUIT SLEEVES IN SHEETPILE BULKHEAD will be made on a per EACH basis for all work described in this section not otherwise listed below, completed as indicated by the Contract Drawings

4.02 PAYMENT

A. Payment for FIELD INVESTIGATION & EXISTING ELECTRICAL, TELEPHONE, CABLE TELEVISION & CCTV UTILITY LINE TRACING + EQUIPMENT RENTAL at the South Boardwalk will be made at the LUMP SUM contract price. This price shall include full compensation for the field investigation, line tracing, Utility and DCR coordination, all labor, materials, tools, and equipment, and all other incidental work necessary to complete the work of this item as indicated on the Contract Drawings and as herein specified.

B. Payment for MODIFICATION OF EXISTING UTILITIES existing utilities at the South Boardwalk will be made at the LUMP SUM contract price for each respective utility (telephone, cable television CCTV, and electrical power). This price shall include full compensation for all work required to remove, disconnect and safely stow away existing system cabling/wiring during construction activities. This shall also include the removal and replacement of existing system cabling/wiring and or raceway if upon field investigation it is determined that the disconnection of existing systems would permanently damage beyond the ability to replace. The Contractor shall provide new cabling/wiring to replace the existing electrical systems including connections with adaptors as required on both ends. Contactor shall provide a Schedule of Values along with a list of materials for the modifications required to each utility. This price also includes all labor, materials, tools, and equipment, and all other incidental work necessary to complete the work of this item as indicated on the Contract Drawings and as herein specified.

C. Payment for DEMOLISH CONDUIT under the appropriate size will be at the per LINEAR FOOT contract price. This price includes full compensation for the removal and proper disposal of conduits including existing electrical power system connections, telephone, cable television and CCTV (Security Camera Lines). This price also includes all labor, materials, tools, and equipment, and all other incidental work necessary to complete the work of this item as indicated on the Contract Drawings and as herein specified.

D. Payment for NEW CONDUIT under the appropriate size will be at the per LINEAR FOOT contract price. This price includes full compensation for the removal and proper disposal of conduits including existing electrical power system connections, telephone, cable television and CCTV (Security Camera Lines). This price also includes all labor, materials, tools, and equipment, and all other incidental work necessary to complete the work of this item as indicated on the Contract Drawings and as herein specified.

E. Payment for SUPPORT EXISTING CABLE TRAY will be at the per LINEAR FOOT contract price. This price includes full compensation for all labor, materials, tools, and equipment, and all other incidental work necessary to complete the work of this item as indicated on the Contract Drawings and as herein specified.

F. Payment for MODIFY CIRCUITS AT EXISTING PANELBOARDS will be at the per EACH contract price. This price includes full compensation for all labor, materials, tools, and equipment, and all other incidental work necessary to complete the work of this item as indicated on the Contract Drawings and as herein specified.

G. Payment for CONDUIT SLEEVES IN SHEETPILE BULKHEAD will be at the per EACH contract price. This price includes full compensation for all labor, materials, tools, and equipment, and all other incidental work necessary to complete the work of this item as indicated on the Contract Drawings and as herein specified.

4.03 PAYMENT ITEMS

ITEM	DESCRIPTION	UNIT
16421.01	FIELD INVESTIGATION & EXISTING ELECTRICAL, TELEPHONE, CABLE TELEVISION & CCTV UTILITY LINE TRACING + EQUIPMENT RENTAL	LS
16421.02	NOT USED – WORK COMBINED INTO 16421.23	
16421.03	NOT USED – WORK COMBINED INTO 16421.23	
16421.04	NOT USED – WORK COMBINED INTO 16421.23	
16421.05	NOT USED – WORK COMBINED INTO 16421.23	
16421.06	DEMOLISH 9” CONDUIT	LF
16421.07	DEMOLISH 6" CONDUIT	LF
16421.08	DEMOLISH 4" CONDUIT	LF
16421.09	DEMOLISH 3" CONDUIT	LF
16421.10	DEMOLISH 2" CONDUIT	LF
16421.11	DEMOLISH 1" CONDUIT	LF
16421.12	SUPPORT EXISTING CABLE TRAY	LF

16421.13	MODIFY CIRCUITS AT EXISTING PANELBOARDS	EA
16421.14	6" SCH. 80 PVC	LF
16421.15	4" RGS PVC COATED	LF
16421.16	4" SCH. 80 PVC	LF
16421.17	3" RGS PVC COATED	LF
16421.18	3" SCH. 80 PVC	LF
16421.19	2" SCH. 80 PVC	LF
16421.20	1" RGS PVC COATED	LF
16421.21	1" SCH. 80 PVC	LF
16421.22	CONDUIT SLEEVES IN SHEETPILE BULKHEAD	EA
16421.23	MODIFICATION OF EXISTING UTILITIES	LS

END OF SECTION

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Veterans Memorial Park
Lynn, MA



DCR Pre-Bid Conference

Tuesday, February 24th, 2026 11:00 AM – 12:30 PM
Virtual

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Project Team

Department of Conservation and Recreation
Owner

Office of Energy and Environmental Affairs
Gateway Cities Parks Program

Brown, Richardson + Rowe, Inc.
Landscape Architects and Planners

Stantec Consulting Services, Inc.
Civil, Structural and Electrical Engineers

Foth Infrastructure and Environment, LLC
Coastal Engineers

LEC Environmental Consultants, Inc.
Environmental Permitting

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Pre-Bid Conference Agenda

- Award of Contract
- Bidding Information
- Scope of Project
- Project Information
- Existing Site Features
- Project Features
- Questions

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Award of Contract

- Bid Opening: 12:00 pm, March 26, 2026
- Funding Source: DCR 5-year Capital Plan
- Estimated Project Cost: $18,000,000.00

Bidding Information

- MassDOT Prequalified: Marine Construction or Recreation Facilities
- Contract Docs/Bid Proposals via DCR E-Bid Room:
  - www.bidexpress.com/businesses/36765/home
- Questions due: close of business, Monday, March 2nd, 2026
  - www.bidexpress.com/businesses/36765/home
- Addenda(e): issued no later than 3 calendar days before bid opening
- Bid Security: 5% of Bid
- Payments & Performance Bonds: 100% of contract amount
- Insurance Requirements: Outlined in Bid Docs
- Participation Requirements: 6% MBE; 10% WBE
- Veterans Benchmark: 3% VOBE
- Participation Goals: 15.3% Local Minority Workforce; 6.9% Local Women Workforce

Scope of Project

- Mobilization + Demobilization (Park and Waterfront Boardwalk)
- Selective demolition
- Material removal and disposal
- Park excavation, filling, backfilling, grading and compaction
- Furnishing and installing geogrid and geotextile fabric
- Field screening, excavation, handling, transport and offsite disposal
- Tree protection, removals, and pruning.
- Tree, shrub, perennial planting, and seeded lawn and coastal mix seeding.
- Parking lot demo and replacement
- Park Improvements: PIC concrete and precast concrete paving, fieldstone and gravel, granite curbs and steps, site furniture, steel railings, signs, lighting
- Boardwalk selective demo and installation of superstructure repairs, decking replacements, bracing + blocking.
- Drilled piers, steel sheet piles, and micro piles
- Temporary cutting of utilities, sheet pile penetrations, reinstallation of utilities
- Protection of existing utilities and fuel system

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Park Overview



Project Information

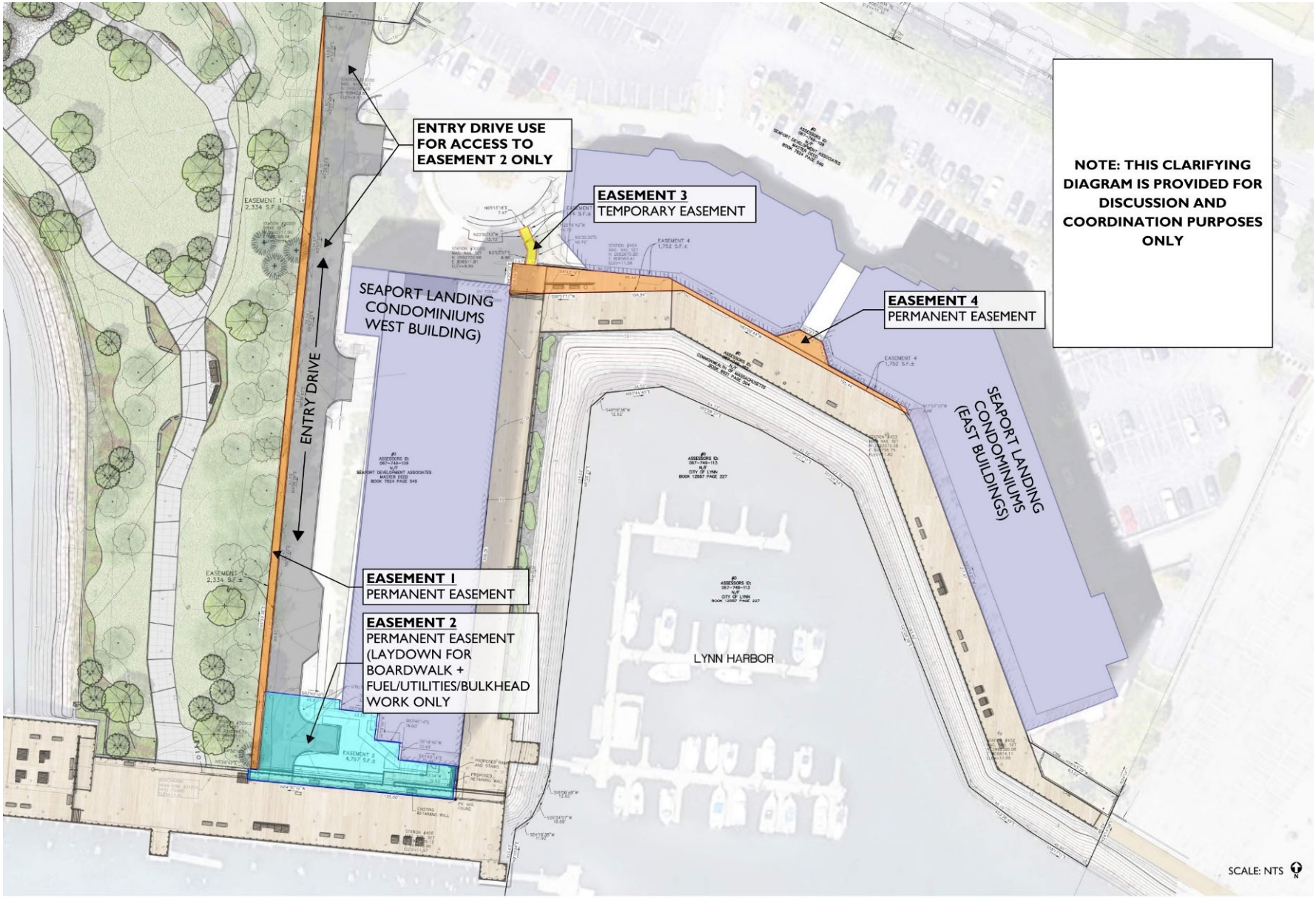
- Date of Completion: 504 days from NTP
- Liquidated Damages: $1,800/day
- Work Hours: M-F, 7:00am to 3:30pm unless written authorization from DCR
- Permits:
  - Obtained: OOC & OOC Extension, NPC, Ch. 91.
  - Contractor responsible to obtain all other project-related permits, including USACE Self-Verification Notification Form
  - State Building Inspector has jurisdiction for state property
- Resident Engineering: Provided by DCR at their discretion
- Easements and Abutter Agreements:
  - Easements, Memorandum of Agreement, and Right of Entry Agreements with neighboring Seaport Landing Condominiums
  - Existing Building Conditions Survey
  - Vibration Monitoring
  - Building Egress and Unit Plans
  - Pest Control
- Marina Closure: November 1, 2026, to April 30, 2027
  - Access to marina gangways required outside of closure dates

Project Information (continued)

- Lead Time: Wood and steel items may have long lead times
- Site Mobilization and Demobilization
  - General site Mobilization + Demobilization described in General Conditions, Section 01000.
  - Waterfront work Mobilization + Demobilization described in Waterfront Site Preparation, Section 02010
- Site Utilization Plan required as described in General Conditions, as well as Required in MOA for Seaport Landings agreements.
- Project Signage: Mass DEP signage required as per OOC. DCR Project Sign as per DCR standards
- Field Office: Temp Field Office required for DCR Resident Engineer
- State Police Detail and Roadway Flaggers required
- Pest Control as per Section 01561 prior to any site disruptions
- Hazardous Materials: Refer to boring and soil testing results.
  - Hazardous Screening Memo is provided in Appendix G of Technical Specifications
  - Contractor to provide and Excavated Materials Management Plan and appoint an LSP
- Electronic Document Management Service: Contractor responsible for hosting and maintaining for duration of project.

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Easements



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Site Access + Laydown



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Existing Conditions - Park









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Existing Conditions – Soil Settlement







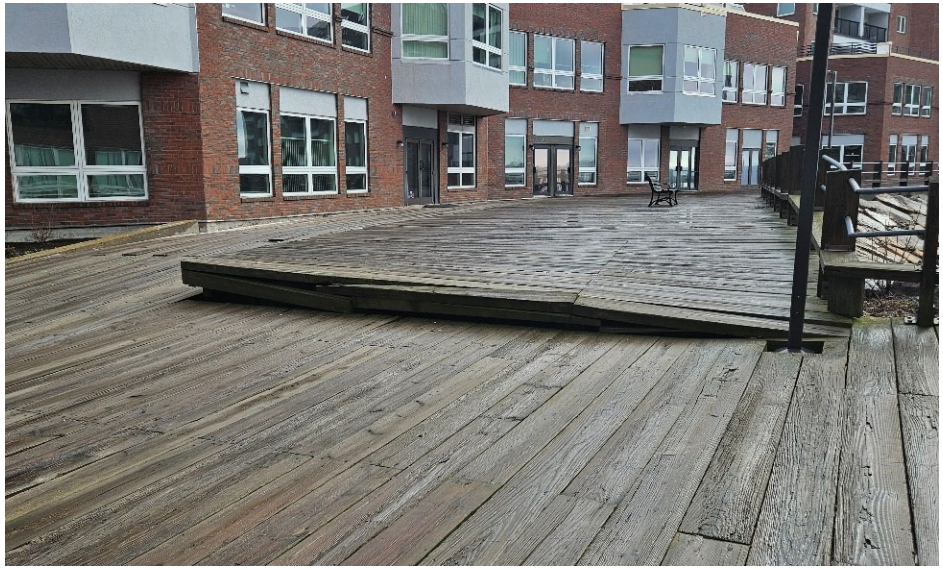
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Existing Conditions – Waterfront









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Existing Conditions – Utilities + Bulkhead







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Park Overview



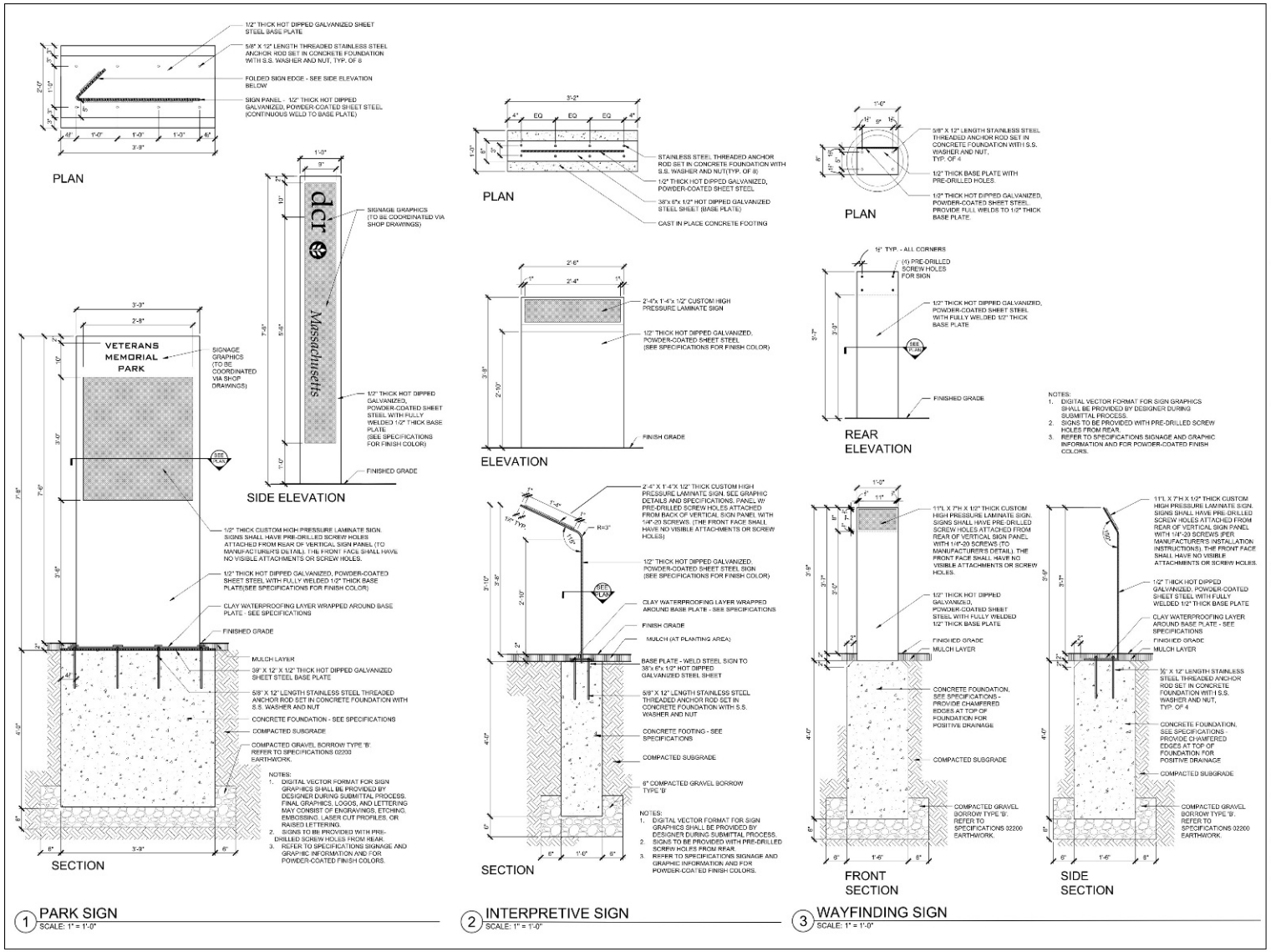
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Park Overview – Plaza and Splashpad



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Park Overview – Signage



BROWN, RICHARDSON + ROWE
LANDSCAPE ARCHITECTS AND PLANNERS
65 FRANKLIN ST, 4TH FLOOR
BOSTON, MA 02110
T: 617 . 542 . 8052 F: 617 . 542 . 8017
WWW.BROWNRIOWE.COM

dcr Massachusetts

Foth

Stantec
Stantec Consulting Services Inc.
43 Skyline Drive, 3rd Floor
Burlington, MA 01803
Tel: 781.221 . 000
www.stantec.com

VETERANS MEMORIAL PARK
WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:

ISSUE:

NO.	REVISION	DATE

STAMPED AND SIGNED:

11/7/25

DRAWING TITLE:

SIGNAGE DETAILS
SHEET 4 OF 12

ACCESSION #:104957x

DESIGNED: DA

DRAWN: AN/HV CHECKED: DA

DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

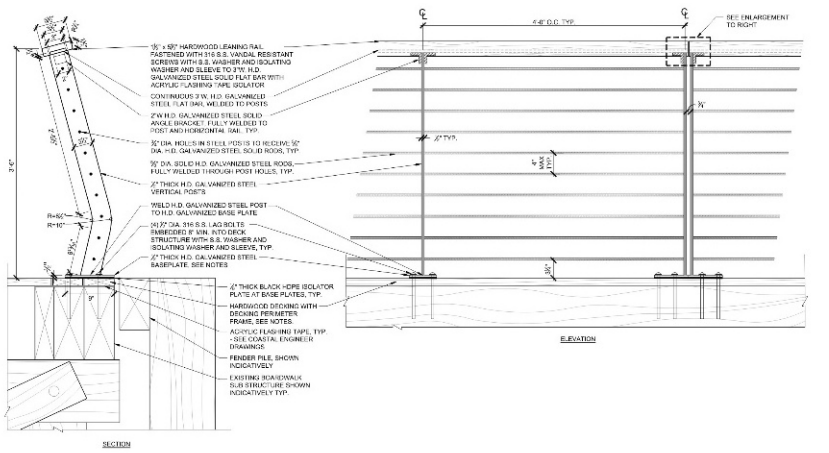
SUBMISSION: BID SET

DRAWING NO.

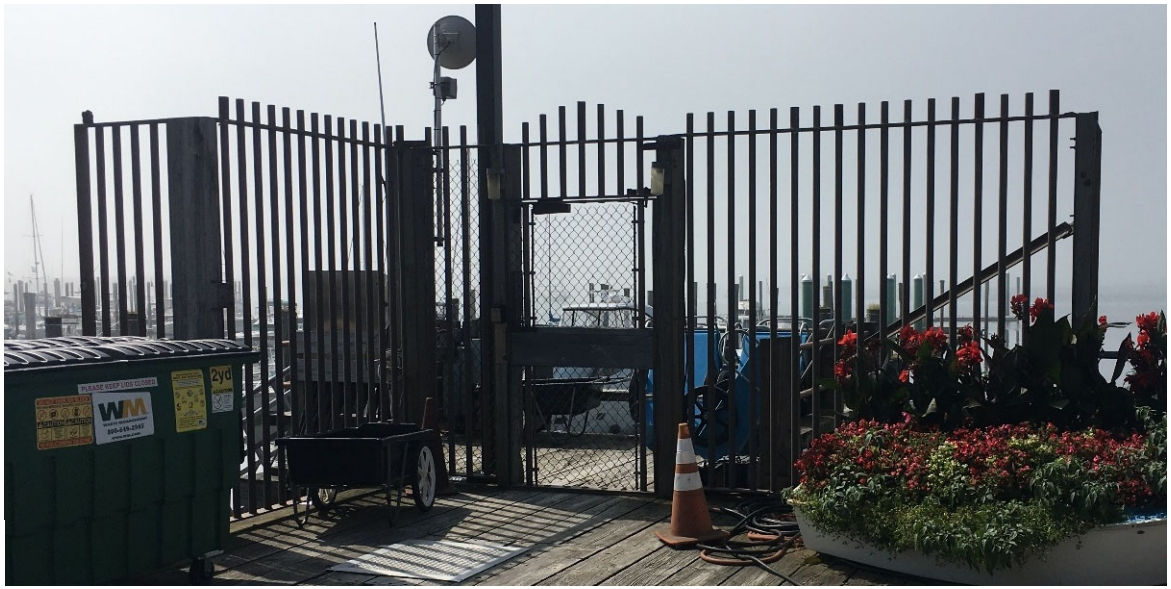
LD-4

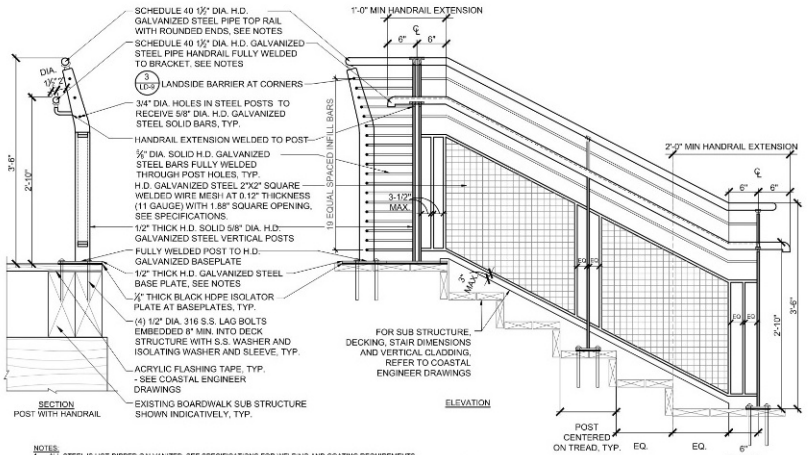
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Park Overview – Railings + Gates



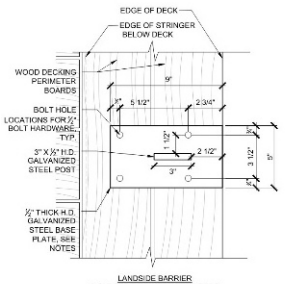
1 WATERSIDE BARRIER WITH LEANING RAIL
SCALE: 1 1/2" = 1'-0"



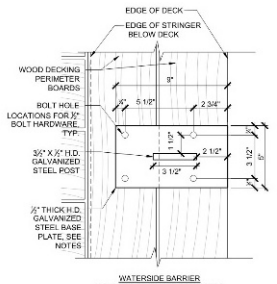


NOTES:
1. ALL STEEL IS HOT-DIPPED GALVANIZED. SEE SPECIFICATIONS FOR WELDING AND COATING REQUIREMENTS.
2. BASEPLATE DIMENSIONS VARY BY LOCATION. REFER TO MATERIALS PLANS FOR BASEPLATE TYPE AND LD-9 FOR DIMENSIONS.
3. PROVIDE S.S. WASHER AND ISOLATING WASHER AND SLEEVE AT ALL S.S. AND H.D. GALVANIZED STEEL CONNECTIONS, TYP.
4. ALL STAINLESS STEEL (S.S.) LAG BOLTS AND SCREWS SHALL BE 316L OR 316M STAINLESS STEEL, TYP.
5. TYPICAL CONTINUOUS RAILING UNITS FABRICATED WITH POSTS LOCATED AT 4'-0" ON CENTER, TYP. ALL TYPICAL AND CUSTOM RAILING UNIT LENGTHS TO BE VERIFIED IN FIELD BY CONTRACTOR AND REVIEWED IN SHOP DRAWINGS AND IN THE FIELD WITH LANDSCAPE ARCHITECT BEFORE FINAL FABRICATION.
6. ALL BARRIER AND RAILINGS SHALL MEET STRUCTURAL PERFORMANCE REQUIREMENTS AND CONFORM WITH ADA AND MAAB REQUIREMENTS, INCLUDING DIMENSIONS AND NUMBER OF PIPE HANDRAILS, ALLOWABLE RAILING HEIGHTS, MINIMUM/MAXIMUM OPENING WIDTHS, EXTENSION AT TOP AND BOTTOM OF STAIRS AND CLEARANCE DIMENSIONS, SEE SPECIFICATIONS.
7. COORDINATE ALL RAILING AND BASEPLATE SHOP DRAWINGS WITH BOARDWALK, STEP, AND RAMP DRAWINGS. SHOP DRAWINGS SHALL DEMONSTRATE RELATIONSHIP BETWEEN ALL RAILING/BARRIER COMPONENTS AND BOARDWALK SUBSTRUCTURE AND DECKING DESIGN.
8. REFER TO COASTAL ENGINEERS' DRAWINGS FOR TREAD AND RISER LOCATIONS AND QUANTITIES.
9. REFER TO COASTAL ENGINEERS' DRAWINGS FOR ALL BASEPLATE CONNECTIONS TO BOARDWALK.
10. DECKING PERIMETER FRAME SHOWN FOR REFERENCE ONLY. PERIMETER DECKING FRAME PATTERN AND BOARD SIZING VARIES. REFER TO COASTAL ENGINEER'S DRAWINGS FOR REQUIRED PERIMETER DECKING FRAME SIZES AND ARRANGEMENT.
11. ACRYLIC FLASHING TAPE OR BLACK HDPE ISOLATOR PLATE TO BE PROVIDED BETWEEN ALL WOOD AND GALVANIZED STEEL INTERFACES. REFER TO DETAILS FOR LOCATIONS AND TYPE OF ISOLATION MATERIAL.
12. RAILING CONNECTION USING LAG BOLTS TO TIMBER SUBSTRUCTURE SHOWN. FOR CONNECTIONS TO STEEL SUBSTRUCTURE USING THRU-BOLTS, REFER TO COASTAL ENGINEERING DRAWINGS.

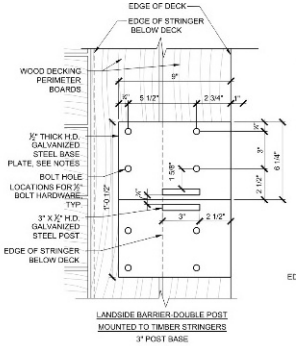
5 LANDSIDE BARRIER AT PAVILION STAIR WITH HANDRAIL
SCALE: 1" = 1'-0"



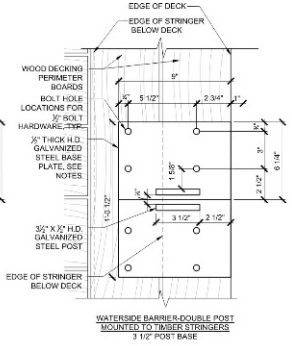
4 BASEPLATE TYPE 1
SCALE: 3" = 1'-0"



5 BASEPLATE TYPE 2
SCALE: 3" = 1'-0"



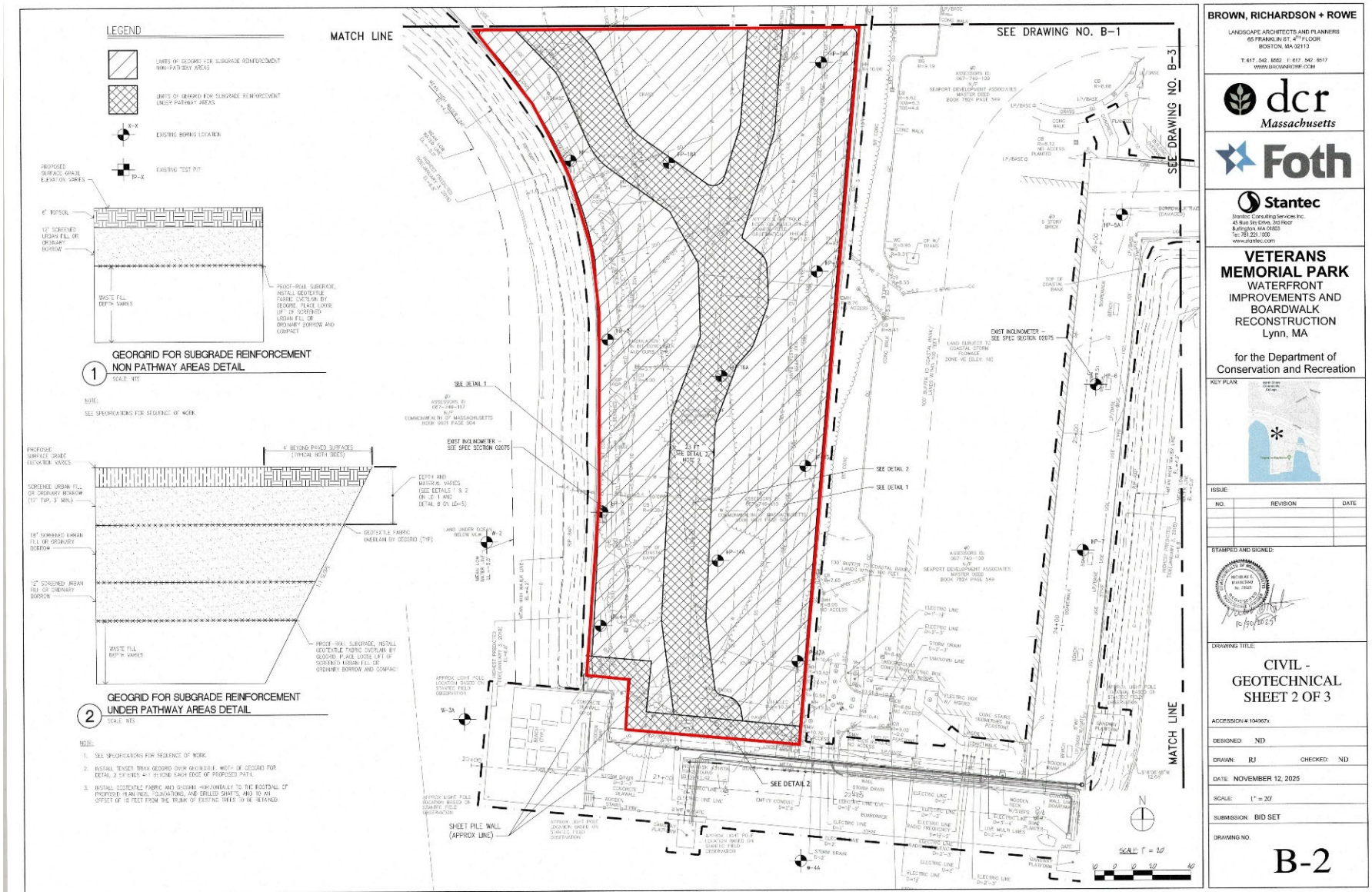
6 BASEPLATE TYPE 3
SCALE: 3" = 1'-0"



7 BASEPLATE TYPE 4
SCALE: 3" = 1'-0"

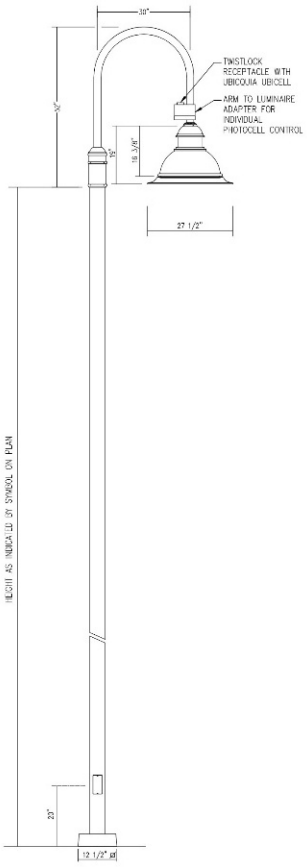
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Park Overview – GeoGrid

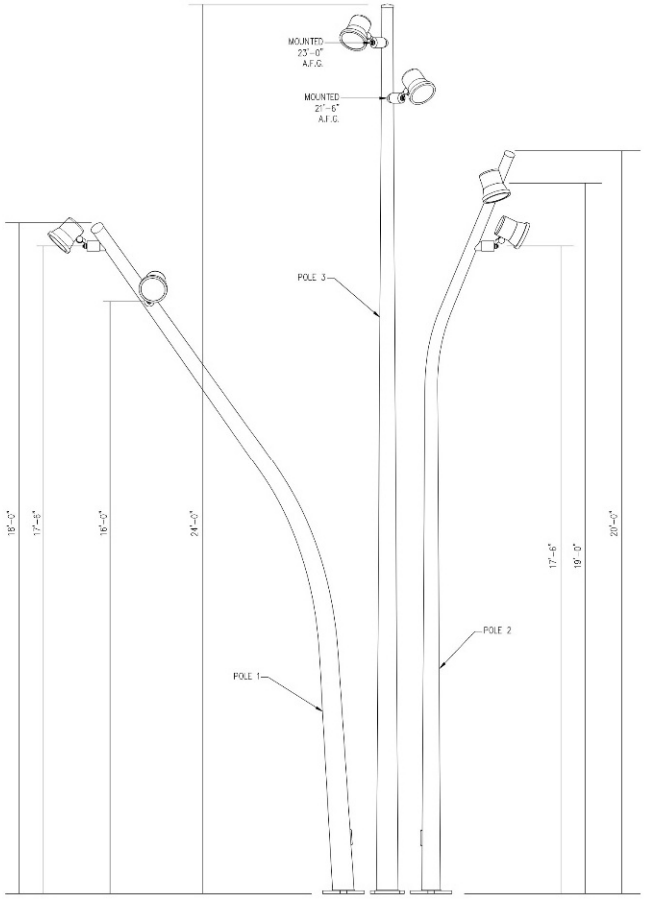


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Park Overview – Lighting

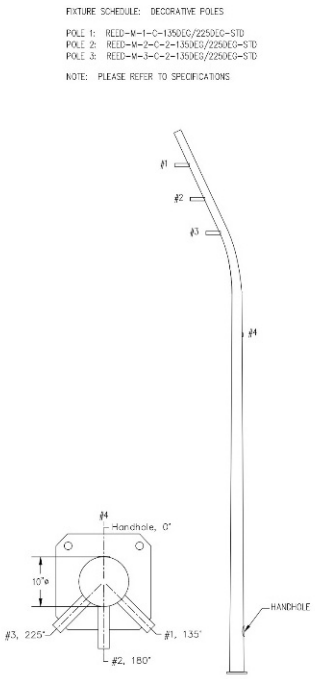


1 16' AND 20' LIGHT POLE DETAIL
SCALE: 3/4" = 1'-0"

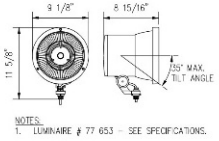


2 DECORATIVE FLOOD LIGHT POLE - MEDIUM
SCALE: 3/4" = 1'-0"

NOTE:
SEE ENLARGED PART PLAN DRAWING E-5 FOR POLE CONFIGURATIONS

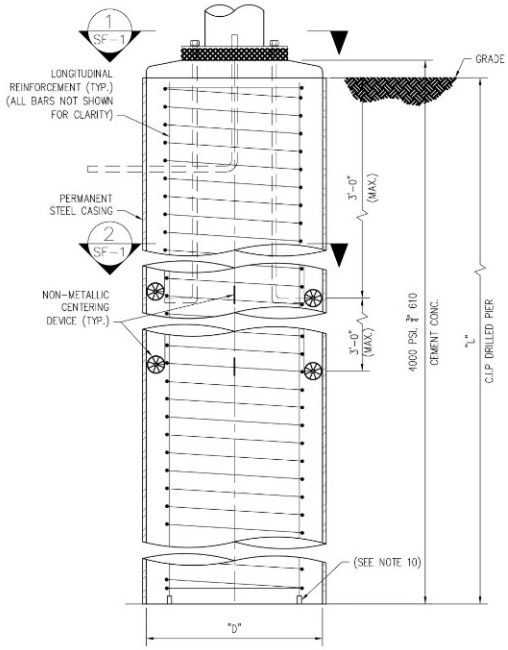


4 POLE BASE PLATE DETAIL
SCALE: NTS



NOTES:
1. LUMINAIRE # 77 653 - SEE SPECIFICATIONS.

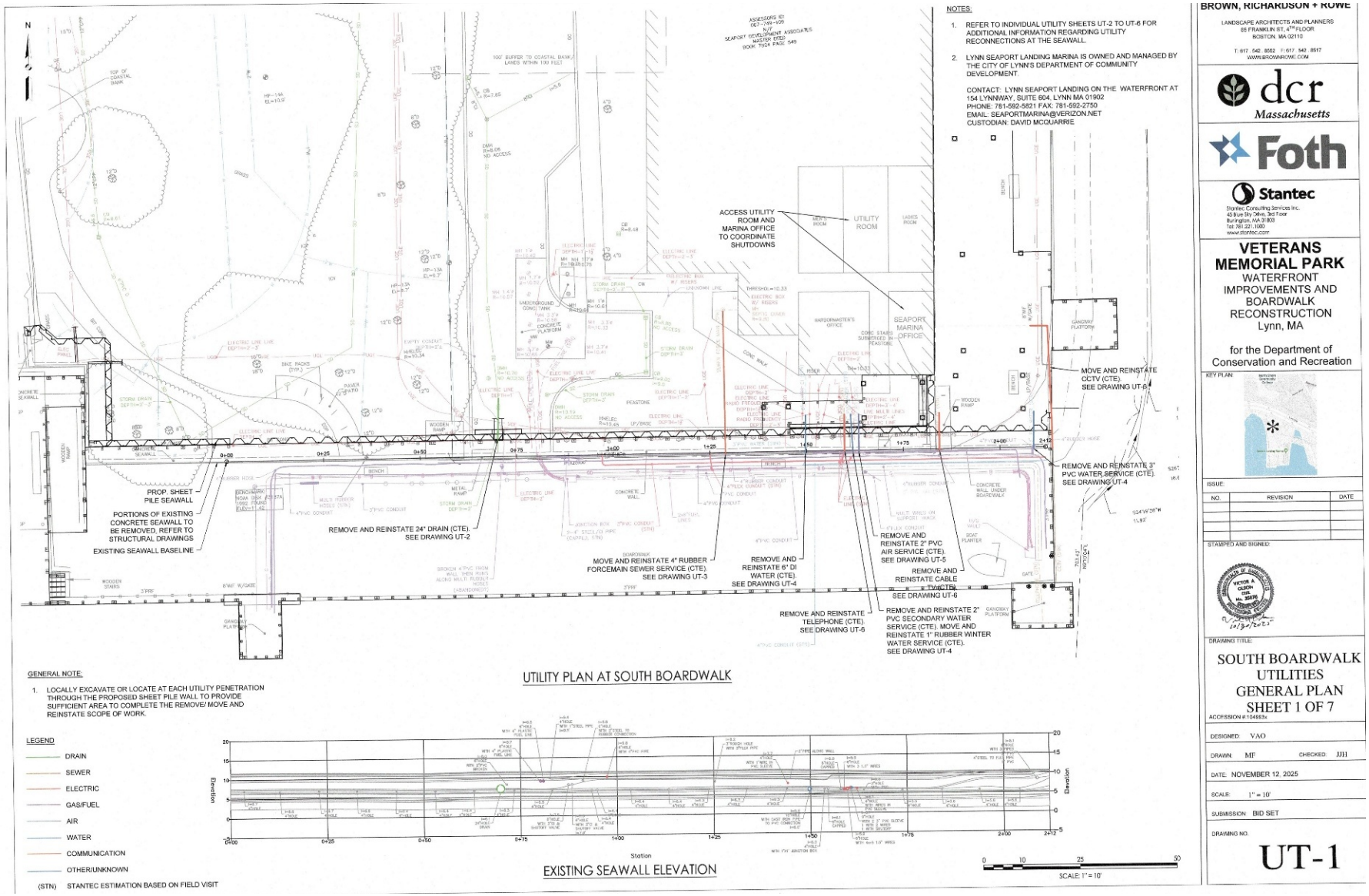
3 FLOOD LIGHT DETAIL
SCALE: 1-1/2" = 1'-0"



TYPICAL DRILLED SHAFT DETAIL
NOT TO SCALE

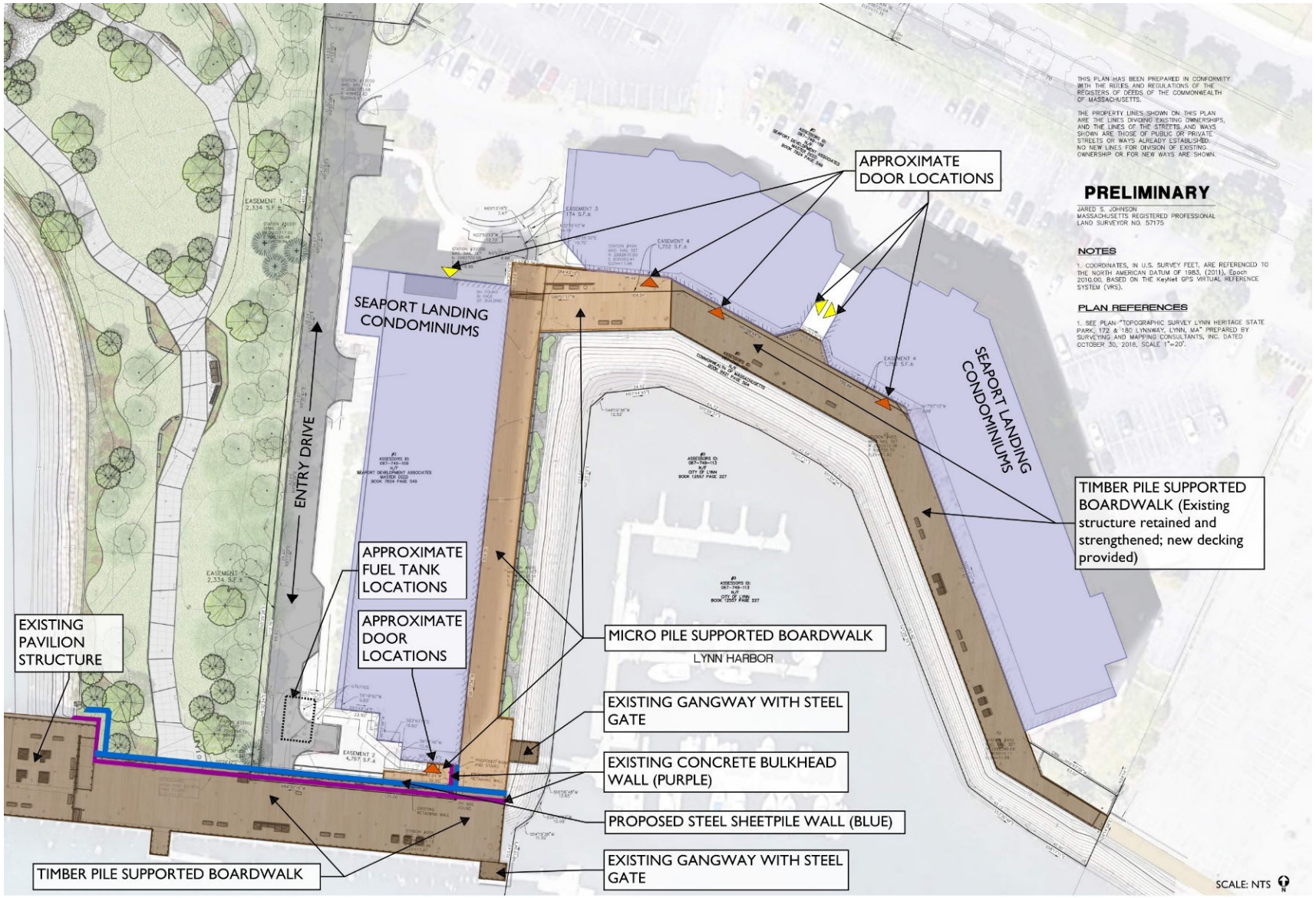
dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

Park Overview – Fuel System + Utilities



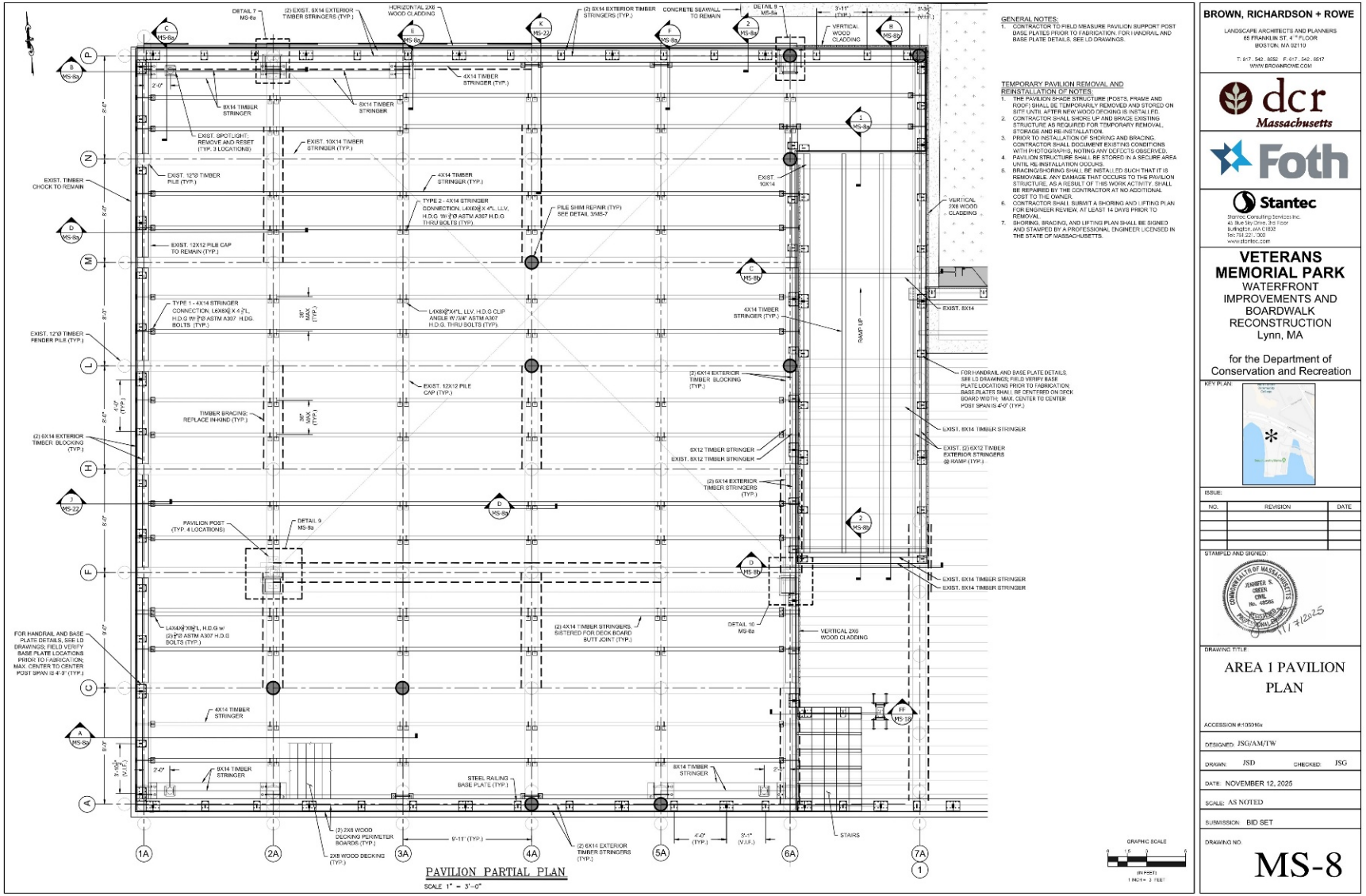
dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

Waterfront Work Overview



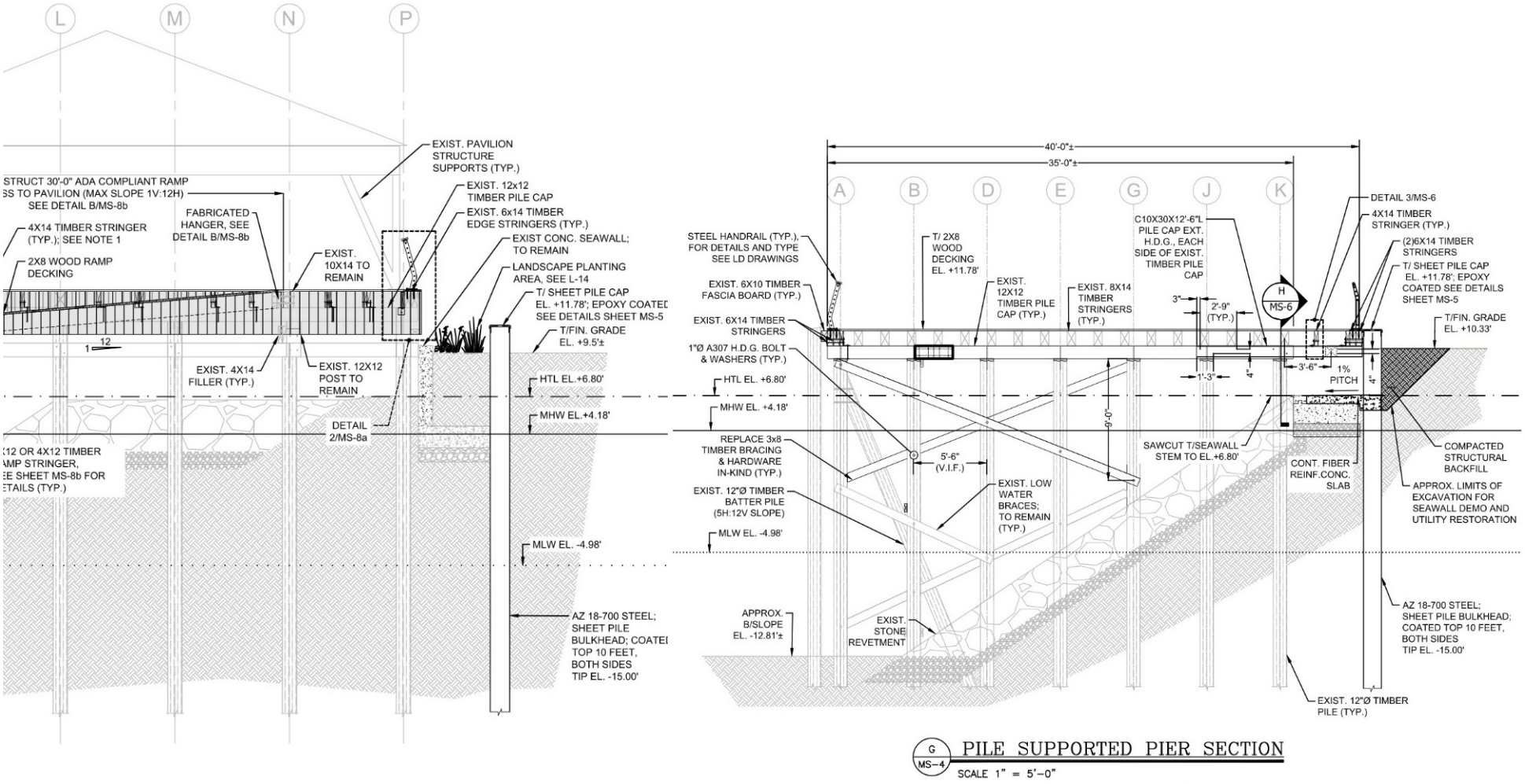
dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

Waterfront Work Overview – Pavilion



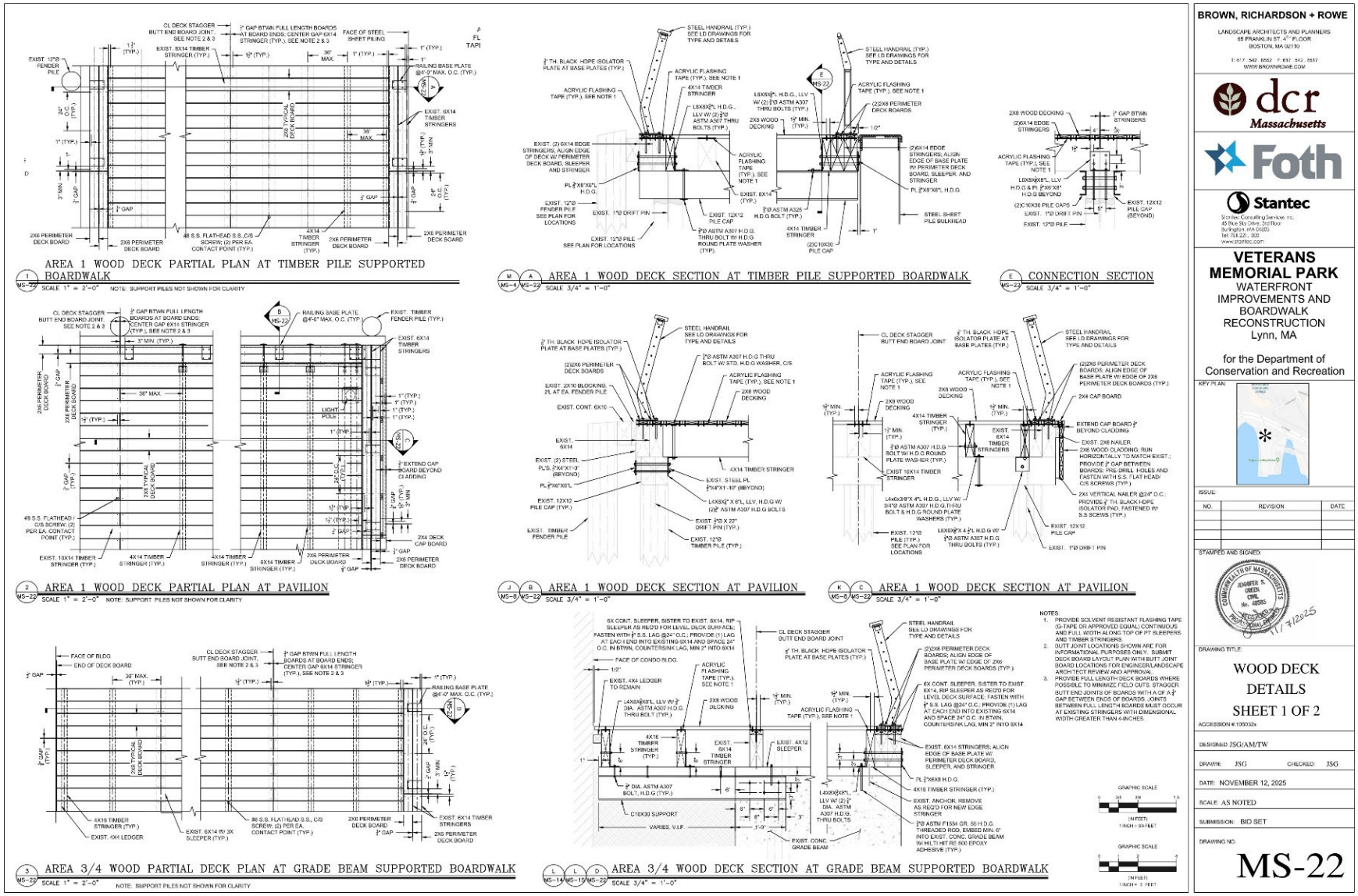
dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

Waterfront Work Overview – Bulkhead



dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

Waterfront Work Overview – Decking and Railing Coordination



BROWN, RICHARDSON + ROWE

LANDSCAPE ARCHITECTS AND PLANNERS
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dcr Massachusetts

Foth

Stantec
Stantec Consulting Services Inc.
45 Bluff Sky Drive, 3rd Floor
Burlington, MA 01803
Tel: 781 221 . 1000
www.stantec.com

VETERANS MEMORIAL PARK
WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:

ISSUE:

NO.	REVISION	DATE

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 49585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

WOOD DECK DETAILS
SHEET 1 OF 2

ACCESSION #:105032x

DESIGNED: JSG/AM/TW

DRAWN: JSG CHECKED: JSG

DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO:

MS-22

dcr MASSACHUSETTS DEPARTMENT OF CONSERVATION AND RECREATION

Questions

All questions due by the close of business, Monday, March 2nd, 2026.

All written questions must be submitted via the DCR E-Bid Room:

- www.bidexpress.com/businesses/36765/home

LYNN DEPARTMENT OF COMMUNITY DEVELOPMENT
LYNN PLANNING DEPARTMENT
&
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
COMMONWEALTH OF MASSACHUSETTS

LYNN URBAN HERITAGE STATE PARK
PHASE 3B

Governor
MICHAEL S. DUKAKIS

Mayor
ANTONIO J. MARINO

Environmental Affairs
JAMES S. HOYTE, Secretary

Lynn Department of Community Development
EDWARD T. CALNAN, Executive Director

City Council
CHARLES J. GAETA, President

NORMAN R. COLE
RICHARD J. COPPINGER
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MICHAEL T. KWIATEK
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RAYMOND F. REARDON
PAUL R. ST. LAURENT
JOSEPH E. SCANLON III
JOSEPH S. SPINA
ROBERT F. TUCKER

Department of Environmental Management
JAMES GUTENSOHN, Commissioner

Lynn Planning Department
KEVIN R. GEANEY, Director

HAYDEN, HARDING & BUCHANAN, INC.
Consulting Engineers

CAROL R. JOHNSON & ASSOCIATES, INC.
Landscape Architects

INDEX OF DRAWINGS

DRAWING NO.	DESCRIPTION	DRAWING NO.	DESCRIPTION	DRAWING NO.	DESCRIPTION	DRAWING NO.	DESCRIPTION
L-1	PLOT PLAN	P-1	PLANTING PLAN	SU-1	SURFACE DRAINAGE and UTILITIES PLAN	MS-3	HARBOR WALK DETAILS
L-2	PLOT PLAN DETAILS	P-2	PLANTING PLAN	SE-1	ELECTRICAL PLAN	MS-4	HARBOR WALK DETAILS
L-3	GRADING PLAN	P-3	PLANTING DETAILS	SE-2	ELECTRICAL DETAILS	MS-5	MISCELLANEOUS DETAILS
		SI-1	IRRIGATION PLAN	PF-1	PARK FURNITURE DETAILS	MS-6	MISCELLANEOUS DETAILS
SEC-1	SEDIMENTATION and EROSION CONTROL PLAN	SI-2	IRRIGATION DETAILS	MS-1	SITE DETAILS	MS-7	SITE DETAIL ALTERNATES
		SI-3	IRRIGATION DETAILS	MS-2	SITE DETAILS		

Plot Plan Notes

1. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
2. ALL LINE AND GRADE WORK AS PER DRAWINGS AND SPECIFICATIONS SHALL BE LAID OUT BY A REGISTERED CIVIL ENGINEER OR SURVEYOR.
3. CONTRACTOR SHALL REVIEW EARLY SITE DOCUMENTS OF CONTRACT 3A FOR COORDINATION AND TO DETERMINE SCOPE OF WORK REQUIRED TO COMPLETE CONTRACT 3B. THE CONTRACTOR SHALL HAVE A CLEAR UNDERSTANDING OF SCOPE OF WORK BEFORE STARTING CONSTRUCTION.
4. STORAGE AREAS FOR CONTRACTORS EQUIPMENT AND MATERIALS SHALL BE ON AND WITHIN LIMITS OF WORK AS SHOWN ON PLANS AND AS APPROVED BY ENGINEER.
5. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
6. DIMENSIONS ON PARKING LOTS AND ROADWAYS WHERE VERTICAL GRANITE CURB OCCURS ARE FROM CENTERLINE TO FACE OF CURB.
7. ALL STRUCTURES IN PAVEMENT TO BE 6" FROM OUTSIDE FACE OF CURB/OR PAVEMENT EDGE.
8. ALL PARKING STALLS TO BE 9'-0" X 20'-0". HANDICAP PARKING STALLS TO BE 12'-0" X 20'-0".
9. AT ALL LOCATIONS WHERE EXISTING CURBING, BITUMINOUS CONCRETE ROADWAYS OR WALKS ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE.
10. ALL EXISTING VERTICAL CURB TO BE REMOVED SHALL BE STOCKPILED AS DIRECTED BY ENGINEER.
11. NO STEEL EDGING IS SHOWN ON PLOT PLAN. CONTRACTOR SHALL REFER TO PLANTING PLAN P-2 - TO DETERMINE QUANTITY AND LOCATION OF EDGING AROUND PLANTING BEDS. FOR EDGING ALONG BIT. CONC. PATHS SEE DETAIL 12 SHEET M5-1. EXACT LOCATIONS OF BENCHES SHALL BE COORDINATED WITH ENGINEER PRIOR TO INSTALLATION.
12. PROVIDE EXPANSION JOINTS WHERE ASPHALT PAVERS ABUT CONCRETE STAIRS, GRANITE STRUCTURES, DRINKING FOUNTAIN, OR BOLLARDS.
14. CONTRACTOR TO NOTIFY ENGINEER FOR APPROVAL OF LIGHT BASE LOCATIONS PRIOR TO ANY TRENCHING FOR LIGHT CABLES, OR PLACEMENT OF BASES.

LEGEND

EXISTING CONTOURS (3) (13)

Legend

- LIMIT OF WORK - 15 ±7
- BITUMINOUS CONCRETE ROADWAY/ PATHS
- BITUMINOUS CONCRETE PAVERS.
- PARKING LOT LIGHT - 400 W 25' H.
- WALKWAY LIGHT - 175 W 15' H.
- DRINKING FOUNTAIN
- TRASH RECEPTACLE
- SINGLE BENCH
- DOUBLE BENCH
- DOUBLE LEAF GATE
- SAW CUT LINE
- DRAINAGE STRUCTURE
- DETAIL NUMBER / SHEET NUMBER
- CHAIN LINK FENCE
- TIMBER DECK HARBORWALK

SAW CUT EXISTING BIT. CONC. WALK BLEND NEW WALK TO MEET EXISTING.

NOTE: BEFORE PROCEEDING WITH ANY WORK IN EARLY ACTION AREA (AS SHOWN WITHIN DOUBLE DASHED LINES) CONTRACTOR SHALL CONSULT ENGINEER FOR ITEMS TO BE LEFT UNDISTURBED.

SAW CUT PAVEMENT 8" FROM FACE OF CURB TO BE REMOVED. REMOVE AND DISPOSE OF CUT PAVEMENT. AFTER NEW CURB IS PLACED REPAIR CUT WITH BIT. CONC. SEE DETAIL

SAW CUT PAVEMENT ALONG EDGE OF EXISTING VERTICAL GRANITE CURB FROM POINT A TO POINT B' FROM FACE OF CURB

REMOVE EXISTING VERTICAL GRANITE CURB FROM POINT 'A' TO POINT 'B' AS DIRECTED BY ENGINEER. INSTALL NEW VERTICAL GRANITE CURB FROM POINT 'A' TO 'B'. SEE DETAIL

LOCATION FOR "NO LEFT TURN" SIGN ON FENCE - SEE SPECIFICATIONS.

LOCATION FOR "ONE WAY" SIGN ON FENCE - SEE SPECIFICATIONS.

REMOVE EXISTING VERTICAL CURB FROM POINT 'A' TO 'B' STOCKPILE AS DIRECTED BY ENGINEER.

LOCATION FOR "STOP" SIGN ON WOOD POST - SEE SPECS.

LYNNWAY

SAW CUT EXISTING PAVEMENT FROM POINT 'A' TO POINT 'B'.

POINT 'B'

REMOVE THE EXISTING CURB FROM POINT 'A' TO POINT 'B' STOCKPILE AS DIRECTED BY ENGINEER.

SAW CUT EXISTING CURB AT POINT 'D'.

SAW CUT EXISTING BIT. CONC. WALK TO MATCH NEW WALK

LIMIT OF RIPRAP SLOPE PROTECTION

LYNN HARBOR

RETAINING WALL

SHADE SHELTER

BOAT DOCK

NOTE: FOR ENLARGEMENT OF THIS AREA SEE DETAIL 2 SHEET L-2

N 533,000

E 750797.39

CURVE 1	CURVE 7	CURVE 13
R=70.00'	R=4858.50'	R=287.00'
L=144.47'	L=300.00'	L=127.73'
T=117.08'	T=113.61'	T=91.87'
Δ=118°-15'-00.00"	Δ=3°-32'-16.33"	Δ=35°-30'-00.00"

CURVE 2	CURVE 8	CURVE 14
R=280.00'	R=35.00'	R=207.00'
L=173.49'	L=32.35'	L=161.13'
T=89.63'	T=17.56'	T=84.89'
Δ=35°-30'-00.00"	Δ=53°-17'-54.56"	Δ=44°-35'-53.88"

CURVE 3	CURVE 9	CURVE 15
R=200.00'	R=40.00'	R=100.00'
L=155.68'	L=65.93'	L=115.39'
T=82.02'	T=43.22'	T=65.08'
Δ=44°-35'-53.88"	Δ=94°-25'-57.42"	Δ=66°-06'-58.93"

CURVE 4	CURVE 10	CURVE 16
R=4933.00'	R=63.00'	R=115.00'
L=295.89'	L=108.04'	L=206.32'
T=147.99'	T=72.80'	T=144.04'
Δ=3°-26'-12"	Δ=98°-15'-13.55"	Δ=102°-47'-37.92"

CURVE 5	CURVE 11	CURVE 17
R=835.95'	R=90.00'	R=80.00'
L=238.18'	L=48.37'	L=89.05'
T=119.90'	T=24.51'	T=49.77'
Δ=16°-19'-30"	Δ=30°-47'-38.54"	Δ=63°-46'-43.16"

CURVE 6	CURVE 12	CURVE 18
R=55.00'	R=71.00'	R=56.00'
L=85.78'	L=259.41'	L=66.28'
T=54.39'	T=271.16'	T=36.97'
Δ=89°-21'-31.10"	Δ=150°-39'-15.49"	Δ=67°-49'-04.63"

CURVE 19
R=63.00'
L=94.52'
T=58.71'
Δ=85°-57'-38.50"

THE CITY OF LYNN, MASSACHUSETTS

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DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

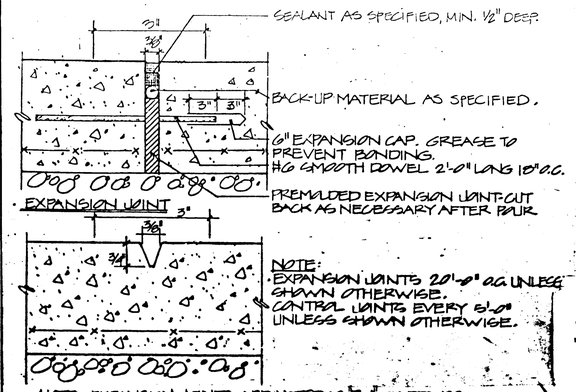
PLOT PLAN

Contract	Scale	Drawing No.
84-71	1" = 40'	L-1
	Date JAN 1983	

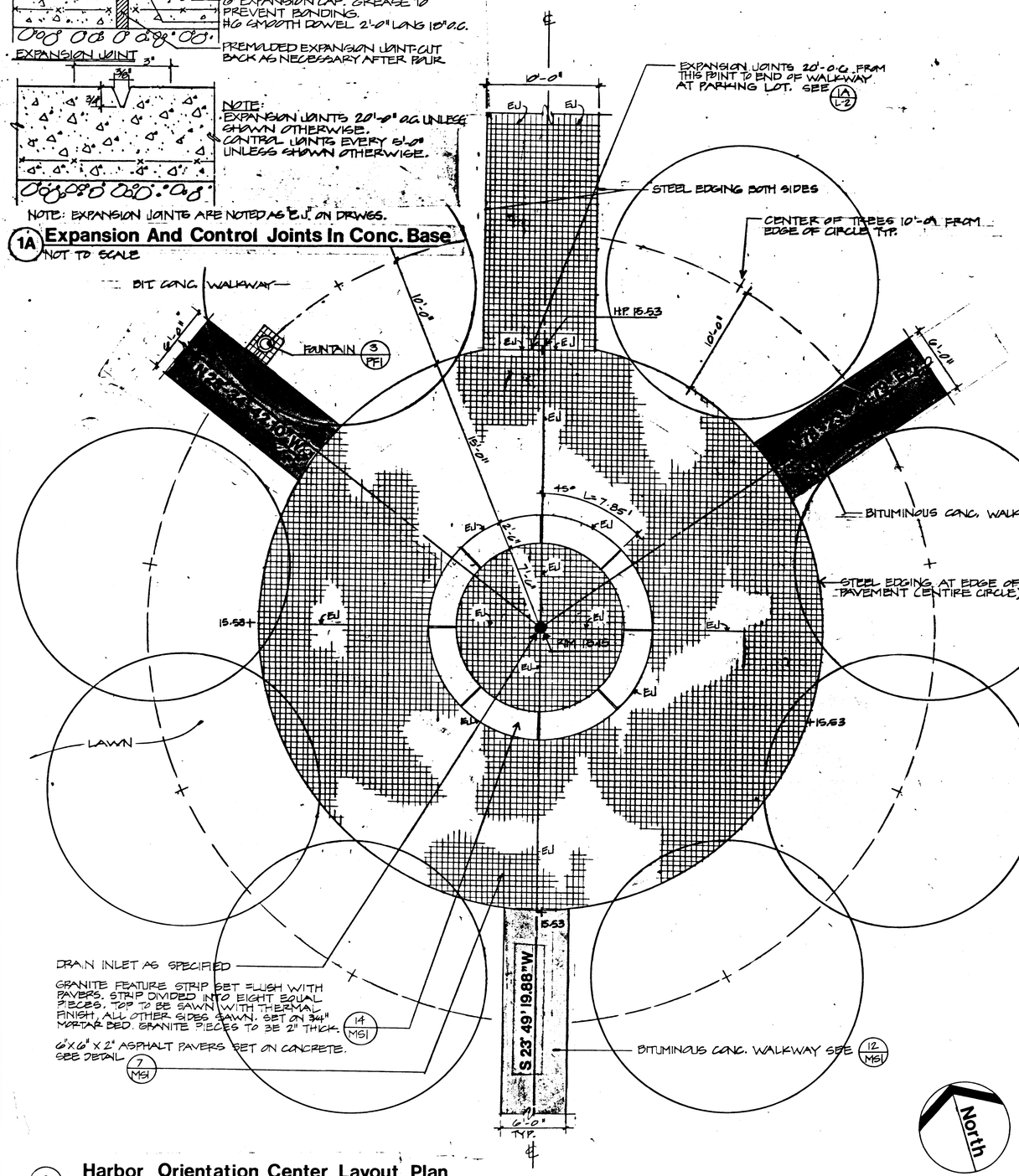
COMMONWEALTH OF MASSACHUSETTS — WARREN H. OSTER No. 6129 — REGISTERED LANDSCAPE ARCHITECT

MASSACHUSETTS — JAMES R. JOHNSON — REGISTERED LANDSCAPE ARCHITECT

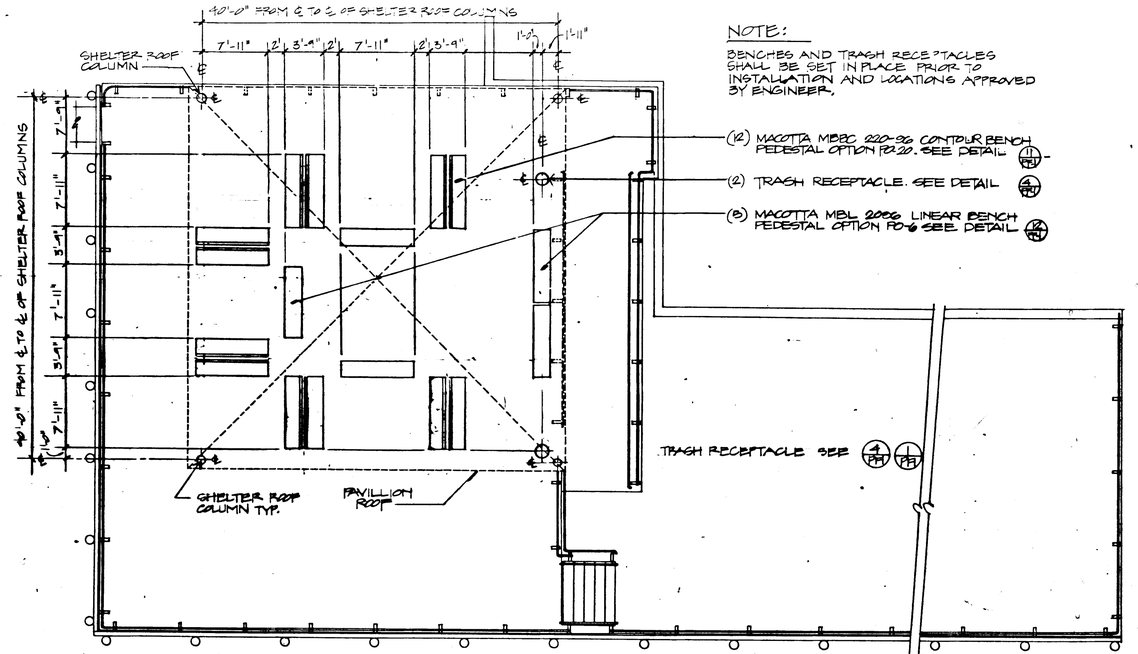
North



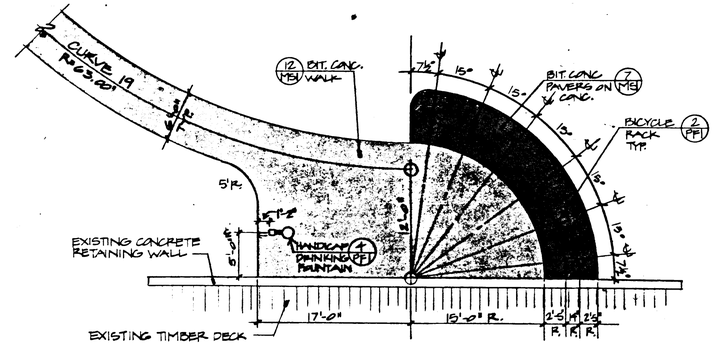
1A Expansion And Control Joints In Conc. Base
NOT TO SCALE



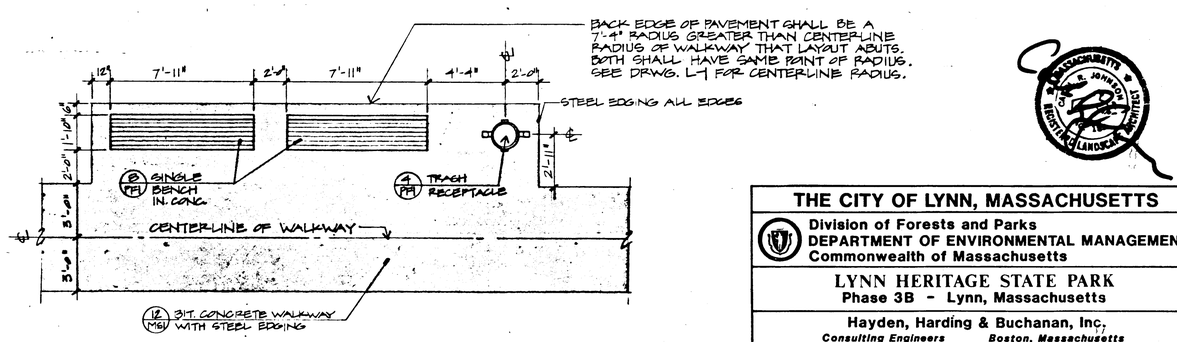
1 Harbor Orientation Center Layout Plan
NOT TO SCALE



2 Bench Layout At Information Wharf
SCALE: 1/8" = 1'-0"



3 Park Enterance At Harbor Walk
SCALE 1/8" = 1'-0"



4 Typical Park Furniture Layout Along Park Walkway
SCALE: 1/4" = 1'-0"

THE CITY OF LYNN, MASSACHUSETTS
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts
LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts
Hayden, Harding & Buchanan, Inc.
Consulting Engineers Boston, Massachusetts

PLOT PLAN DETAILS

Contract	Scale	Drawing No.
84-71	AS SHOWN	L-2
	Date JAN 1983	

NOTE:
BEFORE PROCEEDING WITH ANY WORK IN EARLY ACTION AREA (AS SHOWN WITHIN DOUBLE DASHED LINES) CONTRACTOR SHALL CONSULT WITH ENGINEER FOR ITEMS TO BE LEFT UNDISTURBED.

Grading Notes

1. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING.
2. CONTRACTOR SHALL VERIFY ALL EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
3. ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE PROMPTLY REPORTED TO THE ENGINEER AND RECORDED ON "AS BUILT" DRAWINGS.
4. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
5. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.
6. ALL BOTTOM OF CURB ELEVATIONS ALONG THE LYNNWAY SHALL BLEND WITH EXISTING SLOPE OF ROADWAY AND SHALL PITCH AT 1/8"/FT. MIN. TO DRAIN.
7. ALL TOP OF CURB ELEVATIONS ARE 6" ABOVE BOTTOM OF CURB.
8. WHERE NEW PAVING MEETS EXISTING PAVING MEET LINE AND GRADE OF EXISTING WITH NEW.
9. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION AT NO COST TO OWNER.
10. CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS TO INCLUDE WATERING AND OTHER METHODS AS APPROVED BY ENGINEER.
11. ALL POINTS OF CONSTRUCTION EGRESS AND INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL CRUSHED STONE AS CONDITIONS DEMAND.
12. FOR ALL UTILITIES AND DRAINAGE STRUCTURES SEE SHEET SU-1.

LEGEND
EXISTING CONTOURS 8 / 13

LYNNWAY

TRASH RACK
BIT CONC PARKING AREA
CONC RET WALL
GRAVEL AND ROCKS
LIMIT OF RIPRAP SLOPE PROTECTION
N 532,000
RIPRAP SLOPE PROTECTION
SPOT ELEVATION AT TOE OF RIPRAP (TYP.)
LYNN HARBOR
PADDLE BOAT DOCK
SHADE SHELTER
INFORMATION WHARF
RETAINING WALL
WHARF
72"ABACCMP ELBOW (45%)
NOTE FOR GRADING IN THIS AREA SEE DETAIL #1 SHEET L-2
12"ACCMP STUB
36-12"ACCMP
20'-24"ACCMP
INV=9.2
INV=7.8
INV=7.7
RIM 12.30
HP 12.90
HP 13.12
LIMIT OF RIPRAP SLOPE PROTECTION
GRADES NOTED ON PLAN WITHIN LIMITS OF RIPRAP SLOPE PROTECTION
EXISTING RIM
RECORD LOC
BENCH MARK #2 EL 15.67
N 533384
E 750799
RECORD LOC UNDERGROUND TELEPHONE
SLOPED GRAN. CURB
8" WATER
12" SEWER
12" DRAIN
4' CONC BLOCK
APPROX DEPTH OF WATER 5'± STATIC (EL 6.9 ± 0.5')
APPROX TOP OF GAS 3'±
BIT CONC - GOOD CONDITION STUDIO K

Legend

- LIMIT OF WORK
- TIMBER DECK HARBORWALK
- 14.0 PROPOSED CONTOUR
- + 14.00 PROPOSED SPOT ELEVATION
- H.P./L.P. HIGH POINT / LOW POINT
- ■ PROPOSED DRAINAGE STRUCTURE
- □ EXISTING DRAINAGE STRUCTURE
- BITUMINOUS CONCRETE ROADWAY/WALKS
- TC/BC TOP OF CURB / BOTTOM OF CURB
- LIGHT FIXTURE
- BITUMINOUS CONCRETE PAVERS

North

COMMONWEALTH OF MASSACHUSETTS WARREN H. OSTER REGISTERED LANDSCAPE ARCHITECT

COMMONWEALTH OF MASSACHUSETTS R. JOHNSON REGISTERED LANDSCAPE ARCHITECT NO. 108

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

GRADING PLAN

Contract	Scale	Drawing No.
84-71	1" = 40'	L-3
	Date JAN 1983	

Grading Notes

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12. FOR ALL UTILITIES AND DRAINAGE STRUCTURES SEE SHEET SU-1.

LEGEND

EXISTING CONTOURS

LYNNWAY

TRASH RACK

HAY BALES FOR EROSION CONTROL FOR DETAILS SEE DWG. NO. MS-5

4'-12 ACCMP STUB INV=7.35

ABACOMP

MANHOLE

4-12 ACCMP STUB INV=5.1

72" ABACOMP ELBOW (45%)

HAY BALES AT C.B. FOR EROSION CONTROL (TYP.) FOR DETAILS SEE DWG. NO. MS-5

30"-12" ACCMP INV=9.6

INV=9.6

LIMIT OF RIPRAP SLOPE PROTECTION

30"-12" ACCMP INV=9.4

INV=9.2

N 532,000

HAY BALES AT D.I. FOR EROSION CONTROL (TYP.) FOR DETAILS SEE DWG. NO. MS-5

RIPRAP SLOPE PROTECTION

SPOT ELEVATION AT TOE OF RIPRAP (TYP.)

PADDLE BOAT DOCK

SHADE SHELTER

INFORMATION WHARF

RETAINING WALL

WHARF

LYNN HARBOR

INV=7.8 20"-24" ACCMP

INV=7.7

LIMIT OF RIPRAP SLOPE PROTECTION

LYNN HARBOR

INV=7.8 20"-24" ACCMP

INV=7.7

BIT. CONC. SIDEWALK STUDIO II

GRADES NOTED ON PLAN WITHIN LIMITS OF RIPRAP SLOPE PROTECTION

RECORD LOC.

RECORD LOC. UNDERGROUND TELEPHONE

BENCH MARK #2 EL 15.67

N 531,933.84
E 750,797.35

E 749,800

Legend

- LIMIT OF WORK
- TIMBER DECK HARBORWALK
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- H.P. / L.P. HIGH POINT / LOW POINT
- PROPOSED DRAINAGE STRUCTURE
- EXISTING DRAINAGE STRUCTURE
- BITUMINOUS CONCRETE ROADWAY / WALKS
- TC / BC TOP OF CURB / BOTTOM OF CURB
- LIGHT FIXTURE

NORTH

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

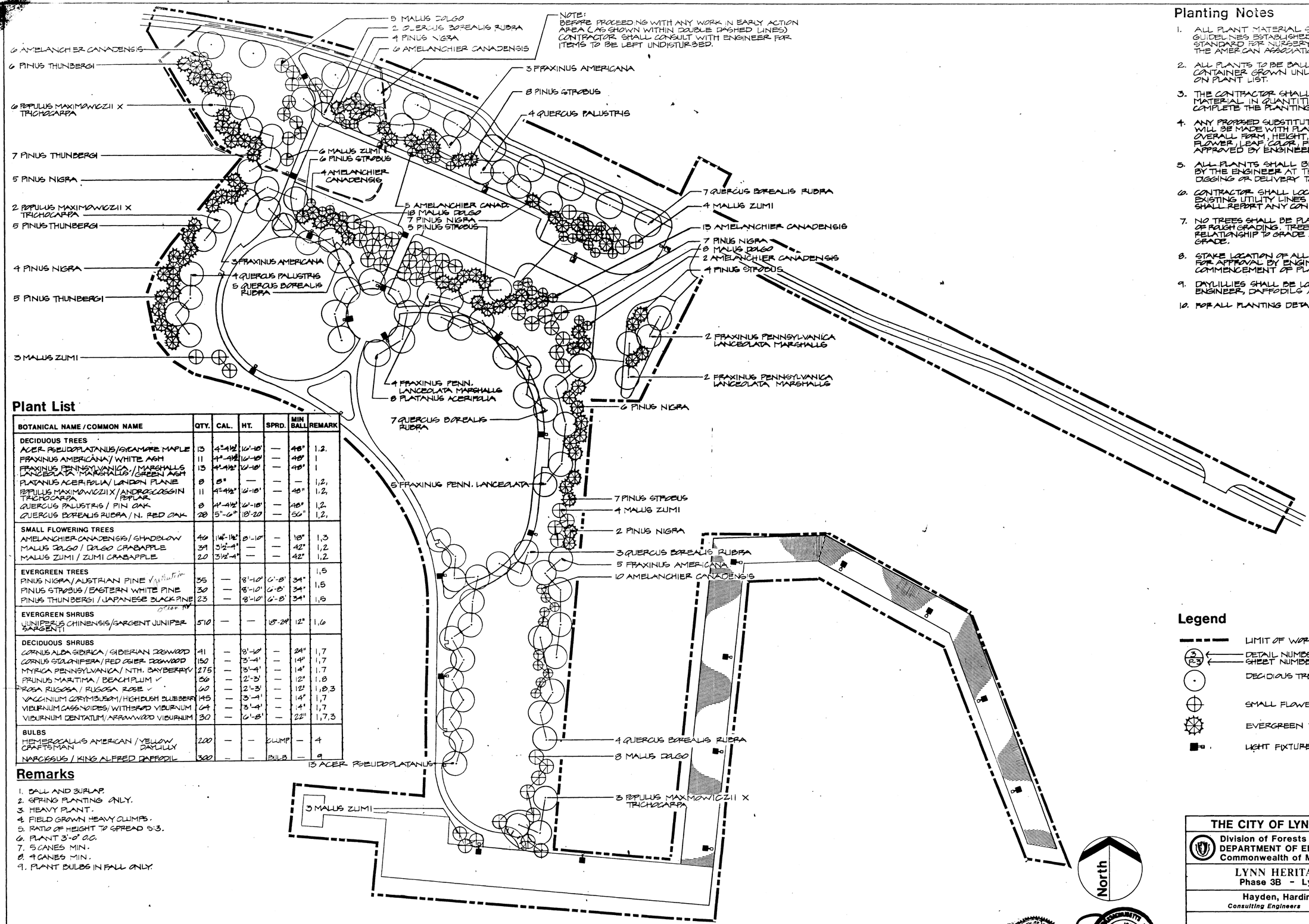
LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

SEDIMENTATION & EROSION CONTROL PLAN

Contract	Scale	Drawing No.
84-71	1" = 40'	SEC-1
	Date JANUARY 1983	

COMMONWEALTH OF MASSACHUSETTS WARREN H. GOULD REGISTERED PROFESSIONAL ENGINEER



Plant List

BOTANICAL NAME / COMMON NAME	QTY.	CAL.	HT.	SPRD.	MIN BALL	REMARK
DECIDUOUS TREES						
ACER PSEUDOPLATANUS/SYCAMORE MAPLE	13	4"-4½"	16'-18'	—	48"	1,2,
FRAXINUS AMERICANA/ WHITE ASH	11	4"-4½"	16'-18'	—	48"	1
FRAXINUS PENNSYLVANICA / MARSHALLS LANCEOLATA MARSHALLS / GREEN ASH	13	4"-4½"	16'-18'	—	48"	1
PLATANUS ACERIFOLIA/ LONDON PLANE	8	8"	—	—	—	1,2,
POPULUS MAXIMOWICZII X/ ANDROSCOGGIN TRICHOCARPA POPLAR	11	4"-4½"	16'-18'	—	48"	1,2,
QUERCUS PALUSTRIS / PIN OAK	8	4"-4½"	16'-18'	—	48"	1,2,
QUERCUS BOREALIS RUBRA / N. RED OAK	28	5"-6"	18'-20	—	56"	1,2,
SMALL FLOWERING TREES						
AMELANCHIER CANADENSIS/ SHADBLOW	46	1½"-1¾"	8'-10'	—	18"	1,3
MALUS DOLGO / DOLGO CRABAPPLE	39	3½"-4"	—	—	42"	1,2
MALUS ZUMI / ZUMI CRABAPPLE	20	3½"-4"	—	—	42"	1,2
EVERGREEN TREES						
PINUS NIGRA/ AUSTRIAN PINE	35	—	8'-10'	6'-8'	34"	1,5
PINUS STROBUS / EASTERN WHITE PINE	30	—	8'-10'	6'-8'	34"	1,5
PINUS THUNBERGI / JAPANESE BLACK PINE	23	—	8'-10'	6'-8'	34"	1,5
EVERGREEN SHRUBS						
JUNIPERUS CHINENSIS/SARGENT JUNIPER SARGENTI	510	—	—	18"-24"	12"	1,6
DECIDUOUS SHRUBS						
CORNUS ALBA SIBIRICA / SIBERIAN DOGWOOD	91	—	8'-10'	—	24"	1,7
CORNUS STOLONIFERA/ RED OSIER DOGWOOD	150	—	3'-4'	—	14"	1,7
MYRICA PENNSYLVANICA/ NTH. BAYBERRY	275	—	3'-4'	—	14"	1,7
PRUNUS MARITIMA / BEACH PLUM	56	—	2'-3'	—	12"	1,8
ROSA RUGOSA / RUGOSA ROSE	60	—	2'-3'	—	12"	1,8,3
VACCINIUM CORYMBOSUM/HIGHBUSH BLUEBERRY	145	—	3'-4'	—	14"	1,7
VIBURNUM CASSINOIDES/ WITHEROD VIBURNUM	64	—	3'-4'	—	14"	1,7
VIBURNUM DENTATUM/ ARROWWOOD VIBURNUM	30	—	6'-8'	—	22"	1,7,3
BULBS						
HEMEROCALLIS AMERICAN / YELLOW CRAFTSMAN DAYLILLY	200	—	—	CLUMP	—	4
NARCISSUS / KING ALFRED DAFFODIL	300	—	—	BULB	—	9

Remarks

1. BALL AND BURLAP.
2. SPRING PLANTING ONLY.
3. HEAVY PLANT.
4. FIELD GROWN HEAVY CLUMPS.
5. RATIO OF HEIGHT TO SPREAD 5:3.
6. PLANT 3'-0" O.C.
7. 5 CANES MIN.
8. 9 CANES MIN.
9. PLANT BULBS IN FALL ONLY.

Planting Notes

1. ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN INC.
2. ALL PLANTS TO BE BALLED AND BURLAPPED OR CONTAINER GROWN UNLESS OTHERWISE NOTED ON PLANT LIST.
3. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRWG.
4. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES WILL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE AS APPROVED BY ENGINEER.
5. ALL PLANTS SHALL BE TAGGED AND APPROVED BY THE ENGINEER AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO SITE.
6. CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE ENGINEER.
7. NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING. TREES SHALL BEAR SAME RELATIONSHIP TO GRADE AS THEY BORE TO PREVIOUS GRADE.
8. STAKE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY ENGINEER PRIOR TO THE COMMENCEMENT OF PLANTING.
9. DAYLILLIES SHALL BE LOCATED IN FIELD BY ENGINEER, DAFFODILS ALSO.
10. FOR ALL PLANTING DETAILS SEE SHEET P-3.

Legend

- LIMIT OF WORK
- 3 / P-3 — DETAIL NUMBER / SHEET NUMBER
- DECIDUOUS TREE
- SMALL FLOWERING DECIDUOUS TREE
- EVERGREEN TREE
- LIGHT FIXTURE

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

PLANTING PLAN

Contract	Scale	Drawing No.
84-71	1" = 40'	P-1
	Date JAN. 1983	

COMMONWEALTH OF MASSACHUSETTS WARREN H. OSTER No. 8253 REGISTERED LANDSCAPE ARCHITECT

COMMONWEALTH OF MASSACHUSETTS CHARLES R. JOHNSON REGISTERED LANDSCAPE ARCHITECT

NOTE:
BEFORE PROCEEDING WITH ANY WORK IN EARLY ACTION AREA (AS SHOWN WITHIN DOUBLE DASHED LINES) CONTRACTOR SHALL CONSULT WITH ENGINEER FOR ITEMS TO BE LEFT UNDISTURBED.

25 CORNUS STOLONIFERA
20 MYRICA PENNSYLVANICA

20 MYRICA PENNSYLVANICA

15 CORNUS ALBA SIBIRICA

10 VACCINIUM CORYMBUSUM
7 VIBURNUM DENTATUM

12 VIBURNUM CASSINOIDES

5 VIBURNUM DENTATUM

7 CORNUS ALBA SIBIRICA

20 VACCINIUM CORYMBUSUM

30 VACCINIUM CORYMBUSUM
6 VIBURNUM DENTATUM
30 MYRICA PENNSYLVANICA

31 PRUNUS MARITIMA
35 CORNUS STOLONIFERA

75 MYRICA PENNSYLVANICA
365 JUNIPERUS CHINENSIS SARGENTII

255 JUNIPERUS CHINENSIS SARGENTII
50 CORNUS STOLONIFERA
40 MYRICA PENN.
30 PRUNUS MARITIMA

20 MYRICA PENNSYLVANICA

6 VIBURNUM DENTATUM
5 CORNUS ALBA SIBIRICA

17 VIBURNUM CASSINOIDES

8 CORNUS ALBA SIBIRICA

45 VACCINIUM CORYMBUSUM
60 ROSA RUGOSA
25 MYRICA PENNSYLVANICA

40 CORNUS STOLONIFERA
20 VIBURNUM CASSINOIDES

6 VIBURNUM DENTATUM

15 VIBURNUM CASSINOIDES
8 CORNUS ALBA SIBIRICA

40 PRUNUS MARITIMA
55 PRUNUS MARITIMA
25 MYRICA PENNSYLVANICA

40 VACCINIUM CORYMBUSUM
20 MYRICA PENNSYLVANICA

Planting Notes

1. REFER TO SHEET P-1 FOR ALL PLANTING NOTES AND PLANT LIST.
2. FOR ALL PLANTING DETAILS SEE SHEET P-3.

Legend

- LIMIT OF WORK
- DETAIL NUMBER / SHEET NUMBER
- LARGE DECIDIOUS SHRUBS
- SMALL DECIDIOUS SHRUBS
- SMALL EVERGREEN SHRUB MASSING
- SODDED LAWN AREA
- MULCHED SHRUB BED

North

THE CITY OF LYNN, MASSACHUSETTS

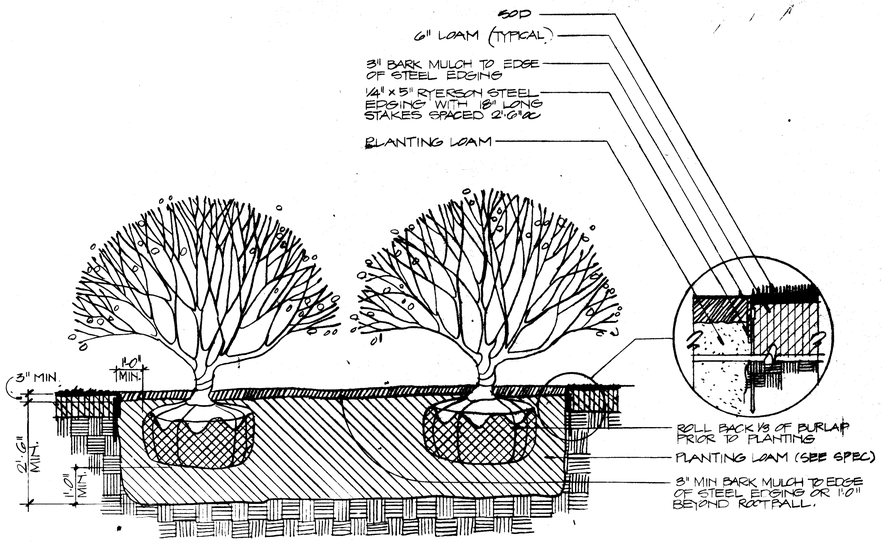
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

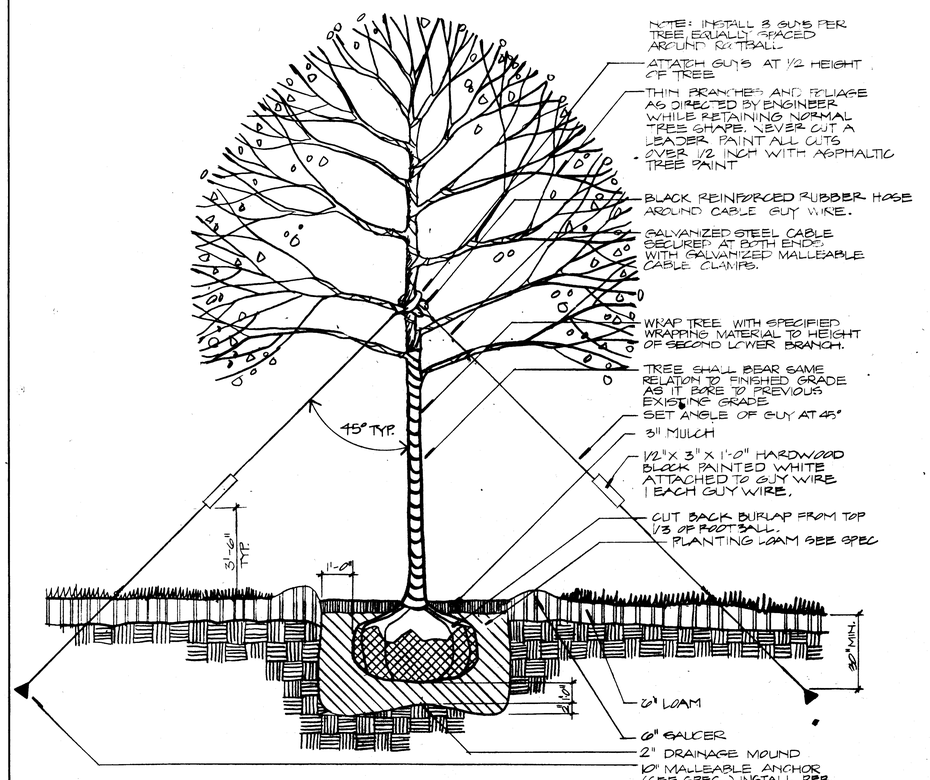
Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

PLANTING PLAN

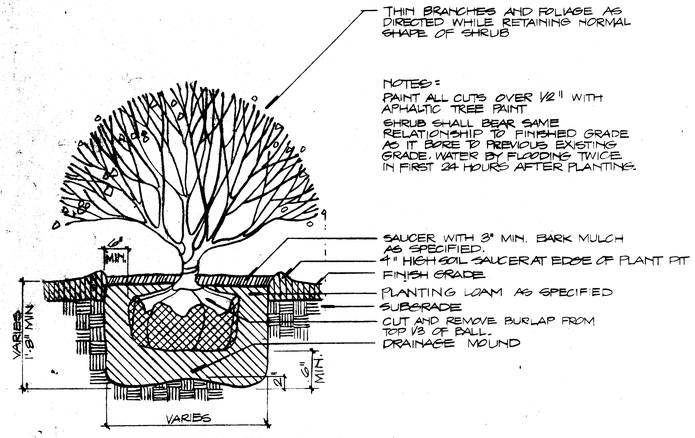
Contract	Scale	Drawing No.
84-71	1" = 40'	P-2
	Date JAN 1983	



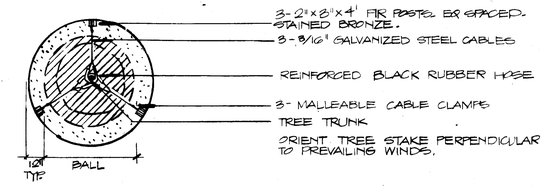
1 Typical Shrub Planting Bed Detail
NOT TO SCALE



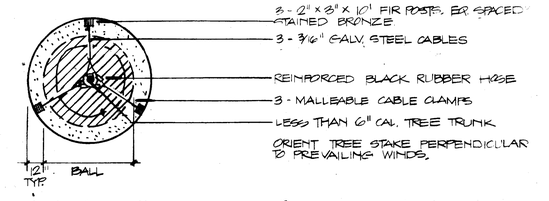
2 Large Deciduous Tree Planting Detail (8" Caliper)
NOT TO SCALE



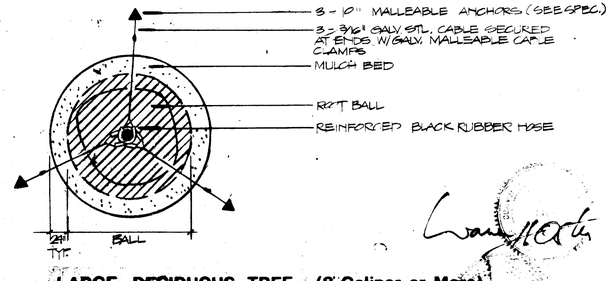
3 Typical Shrub Planting Detail
NOT TO SCALE



EVERGREEN TREE

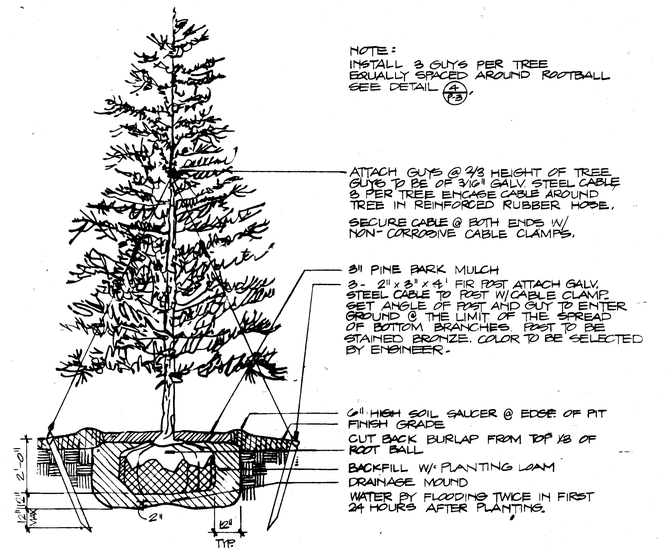


SMALL DECIDUOUS TREE (6" Caliper and Less) SEE DETAIL (6/P3)

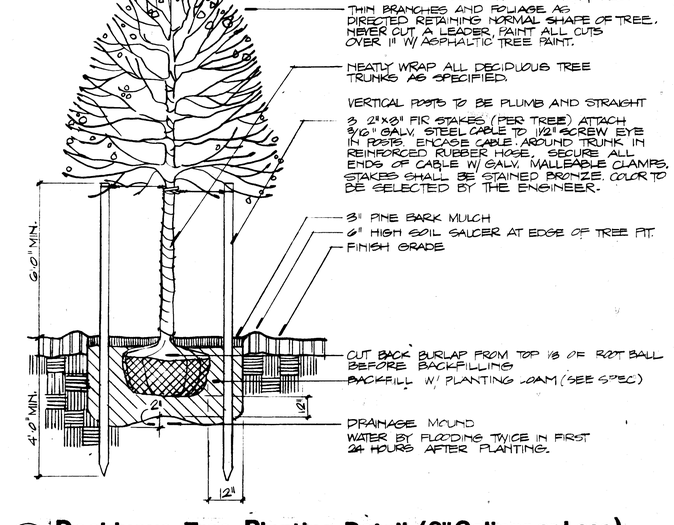


LARGE DECIDUOUS TREE (8" Caliper or More)
SEE DETAIL (2/P3)

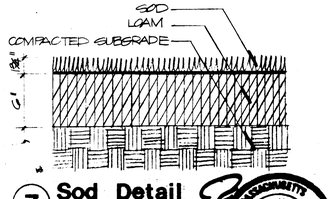
4 Typical Tree Staking & Guying Details
NOT TO SCALE



5 Evergreen Tree Planting Detail
NOT TO SCALE



6 Deciduous Tree Planting Detail (6" Caliper or Less)
NOT TO SCALE



7 Sod Detail
SCALE: 1 1/2" = 1'-0"

THE CITY OF LYNN, MASSACHUSETTS
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3 - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

PLANTING DETAILS

Contract	Scale	Drawing No.
	AS SHOWN	P-3
	Date JAN 1983	

NOTE:
BEFORE PROCEEDING WITH ANY WORK IN EARLY ACTION AREA (AS SHOWN WITHIN DOUBLE DASHED LINES) CONTRACTOR SHALL CONSULT WITH ENGINEER FOR ITEMS TO BE LEFT UNDISTURBED.

LOCATION OF CONNECTION BETWEEN NEW MAIN LINE AND EXISTING 6" WATER LINE SHALL BE AS DETERMINED BY THE ENGINEER IN THE FIELD.

LEGEND

EXISTING CONTOURS (8) 13

Irrigation Notes

1. ALL COMPONENTS OF THE IRRIGATION SYSTEM INDICATED ON THE PLANS ARE DIAGRAMMATIC.
2. ACTUAL LOCATION OF EQUIPMENT SHALL BE DETERMINED IN THE FIELD. WHERE CONFLICTS ARISE CONTRACTOR SHALL NOTIFY THE ENGINEER.
3. ALL PIPING SHALL BE SIZED SO WATER VELOCITY WILL NOT EXCEED 5 FT./SEC.
4. ALL PIPING SHALL BE PVC UNLESS OTHERWISE INDICATED OR SPECIFIED.
5. PITCH ALL IRRIGATION LINES TO DRAIN VALVES.
6. FOR ALL IRRIGATION DETAILS SEE SHEET SI-2.
7. ●U DENOTES UNDERSIZED NOZZLES: 0.7 - 2.0 GPM. @ 25 PSI.
8. ●$^{90°}_{180°}$ DENOTES SPECIAL ODD ARC: USE #40 NOZZLE - 9/64".
9. ●$^{90°}_{180°}$ DENOTES ARC DESIGNATION.
10. ●A DENOTES 12" HIGH POP-UP SPRAY HEADS ARE TO BE USED.
11. ALL POP-UP SPRAY HEADS LOCATED IN SHRUB AREAS TO UTILIZE LOW ANGLE NOZZLES.
12. EXACT LOCATION OF SHRUB SPRAY HEADS LOCATED IN THE MIDDLE OF SHRUB BEDS TO BE DETERMINED IN THE FIELD SO AS TO BE LOCATED A MINIMUM OF 2' FROM NEAREST TREE OR SHRUB.
13. FOR IRRIGATION DETAILS SEE SHEET SI-2. FOR METER PIT, BACKFLOW PREVENTOR PIT SEE SHEET MS-6.
14. FOR WIRING DIAGRAM OF ZONES SEE SHEET SI-3

Legend

- 3" ELEC. CONTROL VALVE - BRASS BODIED - GLOBE 24 VOLT. (MASTER VALVE)
- 3/4" DRAIN VALVE
- PVC SLEEVE
- QUICK COUPLING VALVE
- METER PIT
- RPBP REDUCED PRESSURE BACKFLOW PREVENTER
- AUTOMATIC CONTROLLER - WALL MAUNTED.
- LATERAL PIPING - 160 PSI - SOLVENT WELD.
- PRESSURE MAIN - 160 PSI - 10' RING.
- EXISTING WATER SERVICE
- 2" ELEC. CONTROL VALVE - BRASS BODIED - GLOBE - 24 VOLT
- 1½" ELEC. CONTROL VALVE - BRASS BODIED - GLOBE - 24 VOLT
- 1" ELEC. CONTROL VALVE - BRASS BODIED - GLOBE - 24 VOLT
- BRASS BODIED POP-UP SPRAY SPRINKLER - 90°
- BRASS BODIED POP-UP SPRAY SPRINKLER - 180°
- BRASS BODIED POP-UP SPRAY SPRINKLER - 270°
- BRASS BODIED POP-UP SPRAY SPRINKLER - FULL CIRCLE
- TORO 570-Z-04-22-40 ROTARY SPRINKLER
- TORO 670-Z-04-22-41 ROTARY SPRINKLER
- TR TORO 670-Z-04-22-42 ROTARY SPRINKLER

NOZZLE SIZE	APPROX. GPM	PSI	COVERAGE
—	1.0	30.0	15' RAD.
—	2.0	30.0	15' RAD.
—	3.0	30.0	18' RAD.
—	4.0	30.0	15' RAD.
9/64	6.0	40.0	47' RAD.
9/64	9.5	40.0	49' RAD.
7/64	12.0	40.0	104' DIA.

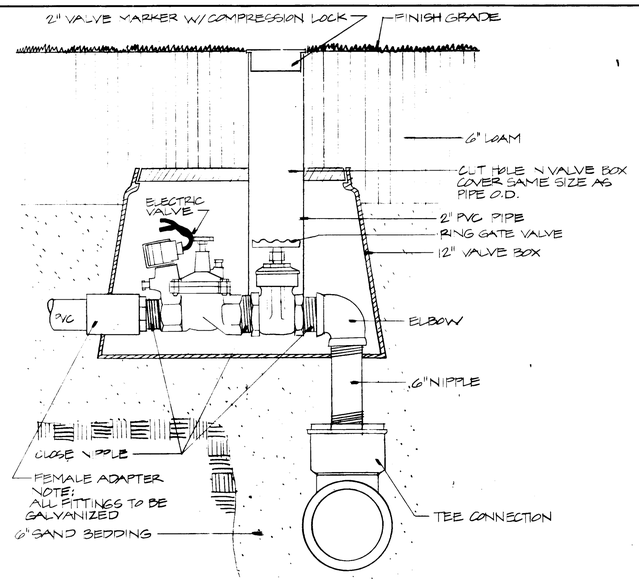
THE CITY OF LYNN, MASSACHUSETTS
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

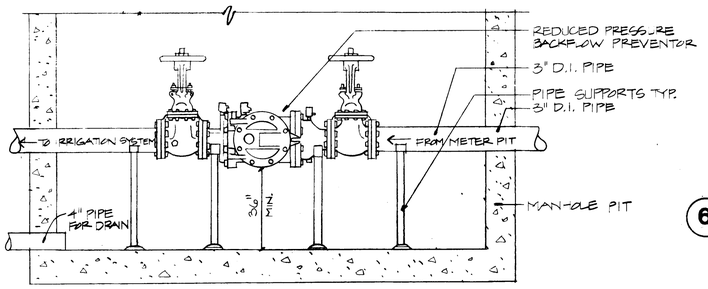
Hayden, Harding & Buchanan, Inc.
Consulting Engineers Boston, Massachusetts

IRRIGATION PLAN

Contract	Scale	Drawing No.
84-71	1" = 40'	SI-1
	Date JAN 1983	

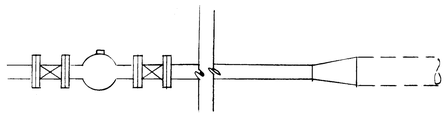


1 Electric Valve Assembly
NOT TO SCALE

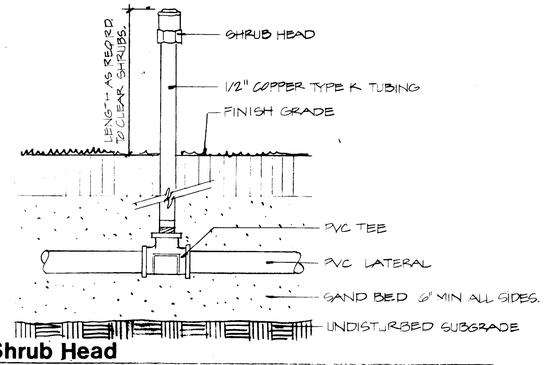


NOTE: FOR DETAIL OF BACKFLOW PREVENTOR PIT SEE (M66)

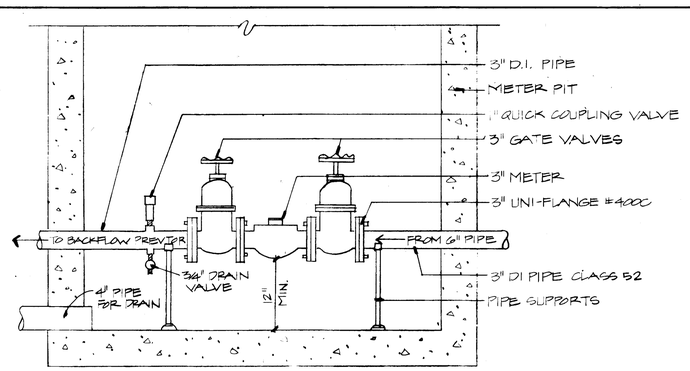
2 Reduced Pressure Backflow Preventer
NOT TO SCALE



3 Connection To Existing 6" Water Main
NOT TO SCALE

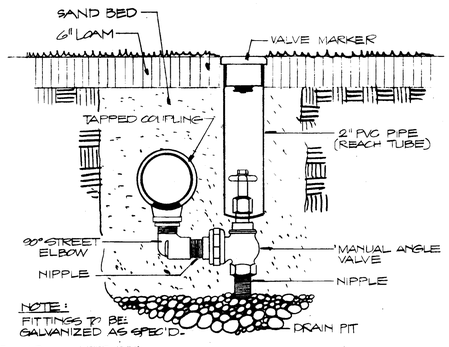


4 Shrub Head
NO SCALE



NOTE: FOR DETAIL OF METER PIT SEE (M66)

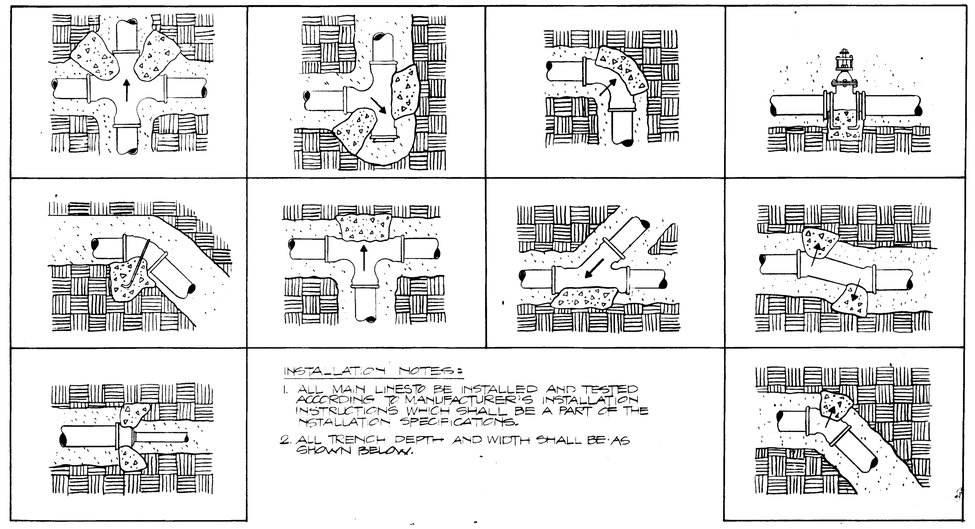
5 Water Meter
NOT TO SCALE



6 Drain Assembly
NOT TO SCALE

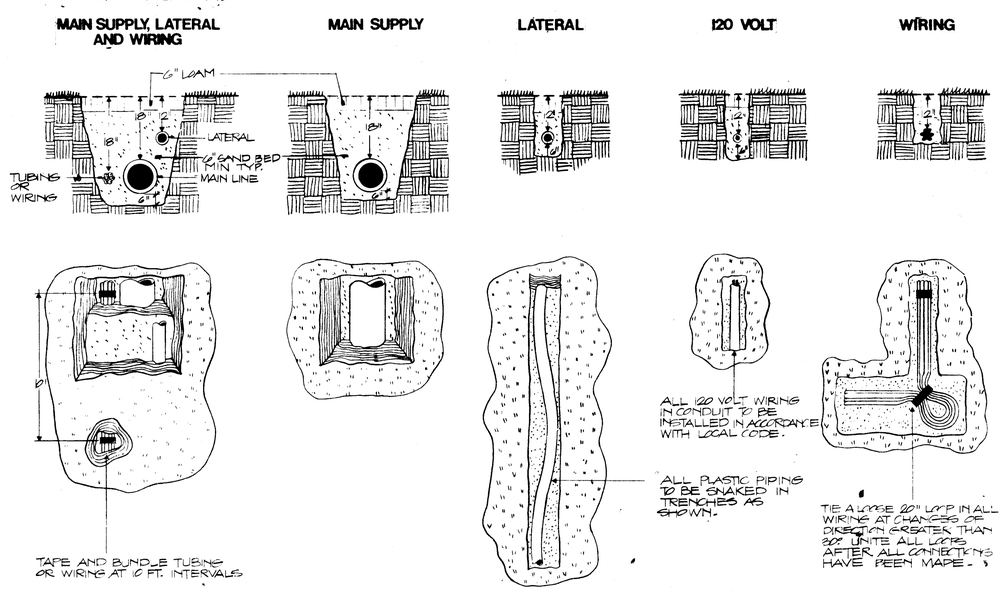
Pop Up Rotary **Pop Up Spray**

7 Pop Up Heads In Lawns
NO SCALE



8 Typical Thrust Block Details for Bell & Ring Pipe
NOT TO SCALE

NOTE:
WARNING TAPE SHALL BE LAID OVER TOP OF ALL PIPE LINES (SEE SPECS) BEFORE BACKFILLING



9 Typical Trenching Details
NOT TO SCALE

THE CITY OF LYNN, MASSACHUSETTS

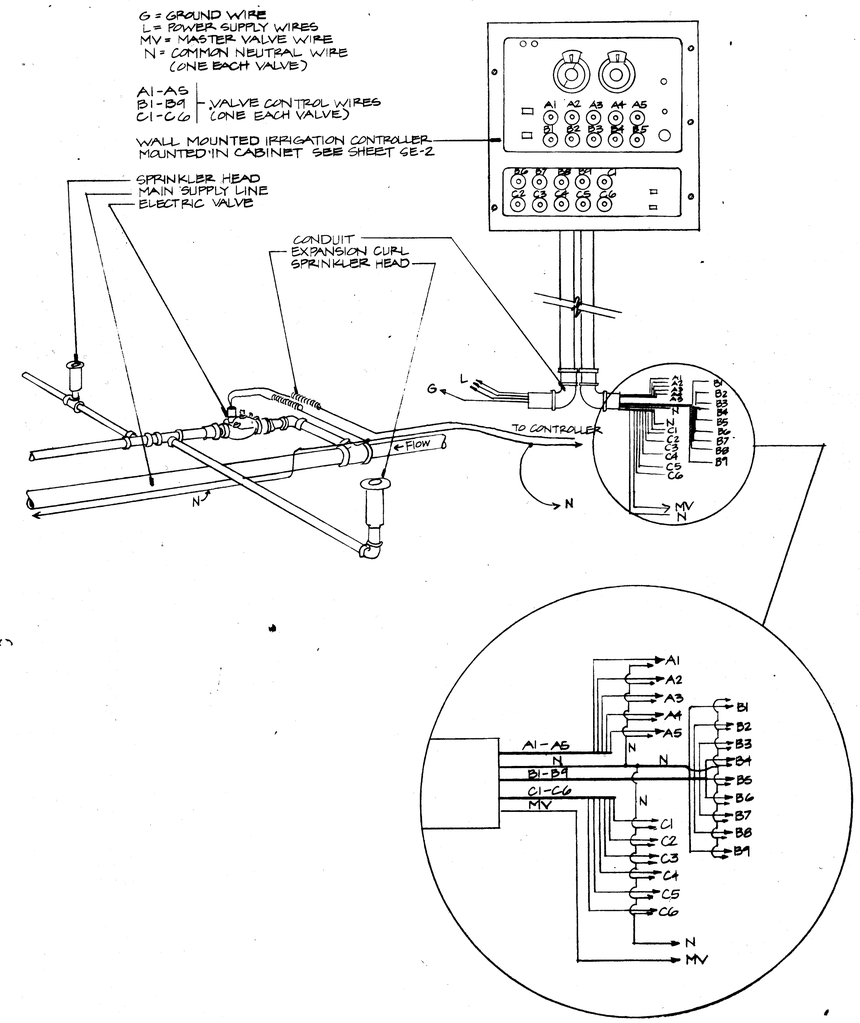
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3[redacted] - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

IRRIGATION DETAILS

Contract	Scale	Drawing No.
	AS SHOWN	SI-2
	Date JAN 1983	



1 Schematic Electric Controller Wiring Diagram
NOT TO SCALE

THE CITY OF LYNN, MASSACHUSETTS	
Division of Forests and Parks **DEPARTMENT OF ENVIRONMENTAL MANAGEMENT** **Commonwealth of Massachusetts**	
LYNN HERITAGE STATE PARK Phase [redacted] - Lynn, Massachusetts	
Hayden, Harding & Buchanan, Inc. *Consulting Engineers* *Boston, Massachusetts*	
IRRIGATION DETAILS	
Contract [redacted]	Scale AS SHOWN Date JAN 1983
	Drawing No. SI-3

Grading Notes

1. CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING.
2. CONTRACTOR SHALL VERIFY ALL EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
3. ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE PROMPTLY REPORTED TO THE ENGINEER AND RECORDED ON "AS BUILT" DRAWINGS.
4. ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
5. PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MIN. OF 1/8" PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.
6. ALL BOTTOM OF CURB ELEVATIONS ALONG THE LYNNWAY SHALL BLEND WITH EXISTING SLOPE OF ROADWAY AND SHALL PITCH AT 1/8"/FT. MIN. TO DRAIN.
7. ALL TOP OF CURB ELEVATIONS ARE 6" ABOVE BOTTOM OF CURB.
8. WHERE NEW PAVING MEETS EXISTING PAVING, MEET LINE AND GRADE OF EXISTING WITH NEW.
9. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION AT NO COST TO OWNER.
10. CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS TO INCLUDE WATERING AND OTHER METHODS AS APPROVED BY ENGINEER.
11. ALL POINTS OF CONSTRUCTION EGRESS AND INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL CRUSHED STONE AS CONDITIONS DEMAND.
12. FOR ALL UTILITIES AND DRAINAGE STRUCTURES SEE SHEET SU-1.

LEGEND

EXISTING CONTOURS 8 / 13

Legend

- GATE VALVE
- EXISTING DRAINAGE STRUCTURE
- PROP. DRAINAGE STRUCTURE
- (SIZE & TYPE) PROP. DRAINAGE PIPE
- (SIZE) PROP. UNDERDRAIN
- (SIZE & TYPE) PROP. WATER UTILITY PIPE
- PROP. FROSTLESS WATER SPIGOT
- PROP. DRINKING FOUNTAIN
- PROP. SPECIAL DRAIN

Legend

- LIMIT OF WORK
- TIMBER DECK HARBORWALK
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- H.P. / L.P. HIGH POINT / LOW POINT
- PROPOSED DRAINAGE STRUCTURE
- EXIST NG DRAINAGE STRUCTURE
- BITUMINOUS CONCRETE ROADWAY / WALKS
- TC / BC TOP OF CURB / BOTTOM OF CURB
- LIGHT FIXTURE

NOTE: ALL LI'DRAIN TO SLOPE AT .5% OR AS DIRECTED BY THE ENGINEER

N 532,000

E 779,800

N 531,993.84
E 780,797.39

THE CITY OF LYNN, MASSACHUSETTS	
Division of Forests and Parks DEPARTMENT OF ENVIRONMENTAL MANAGEMENT Commonwealth of Massachusetts	
LYNN HERITAGE STATE PARK Phase 3B - Lynn, Massachusetts	
Hayden, Harding & Buchanan, Inc. *Consulting Engineers* *Boston, Massachusetts*	
SURFACE DRAINAGE & UTILITY PLAN	
Contract	Scale 1" = 40'
	Date JANUARY 1983
	Drawing No. SU-1

LEGEND

(SIZE & TYPE)	PROPOSED CONDUIT
	PROPOSED CONTROL CABINET
	PROPOSED HANDHOLE
	EXISTING LIGHT POLE
	RELOCATED LIGHT POLE
	PROPOSED 100 WATT LIGHT W/ 15 FOOT POLE
	PROPOSED 250 WATT LIGHT W/ 25 FOOT POLE
	EXISTING ELECTRIC M.H.
	PROPOSED IRRIGATION CONTROL CABINET

LEGEND

EXISTING CONTOURS 8 / 13

LYNNWAY

LYNN HARBOR

TRASH RACK

IRRIGATION CONTROL CABINET

EXISTING ELEC. MANHOLE

RELOCATE EXISTING LIGHT POLE

CONTROL CABINET & PULL BOX SEE DETAIL 2

1" PVC., 2 #10 & 1 #10 GROUND TO P-6 VIA TIME CLOCK #1-TYPICAL THIS CIRCUIT

1" PVC., 2 #6 & 1 #6 GROUND TO P-7 VIA TIME CLOCK #2-TYPICAL THIS CIRCUIT

2" PVC., 2 #4 & 1 #4 GROUND TO P-4
2 #4 & 1 #4 GROUND TO P-3

RETAIN EXISTING LIGHT POLE

HANDHOLE SEE DETAIL 1

1" PVC., 2 #6 & 1 #6 GROUND-TYPICAL THIS CIRCUIT

2" PVC., 2 #4 & 1 #4 GROUND
2 #4 & 1 #4 GROUND

WEATHERPROOF ENCLOSURES W/LOCKS FOR ONE 115 VOLT DUPLEX RECEPTACLE (GFI) AND ONE 240 VOLT RECEPTACLE MOUNTED ON WHARF 2'-0" ABOVE FINISHED GRADE

LIMIT OF RIPRAP SLOPE PROTECTION

RIPRAP SLOPE PROTECTION

SPOT ELEVATION AT TOE OF RIPRAP (TYP.)

SHADE SHELTER

INFORMATION WHARF

4" PVC STUB

RETAINING WALL

WHARF

GRADES NOTED ON PLAN WITHIN LIMITS OF RIPRAP SLOPE PROTECTION

BENCH MARK #2
EL. 15.67

N 533,933.84
E 750,795.39

N 532,000

E 749,800

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

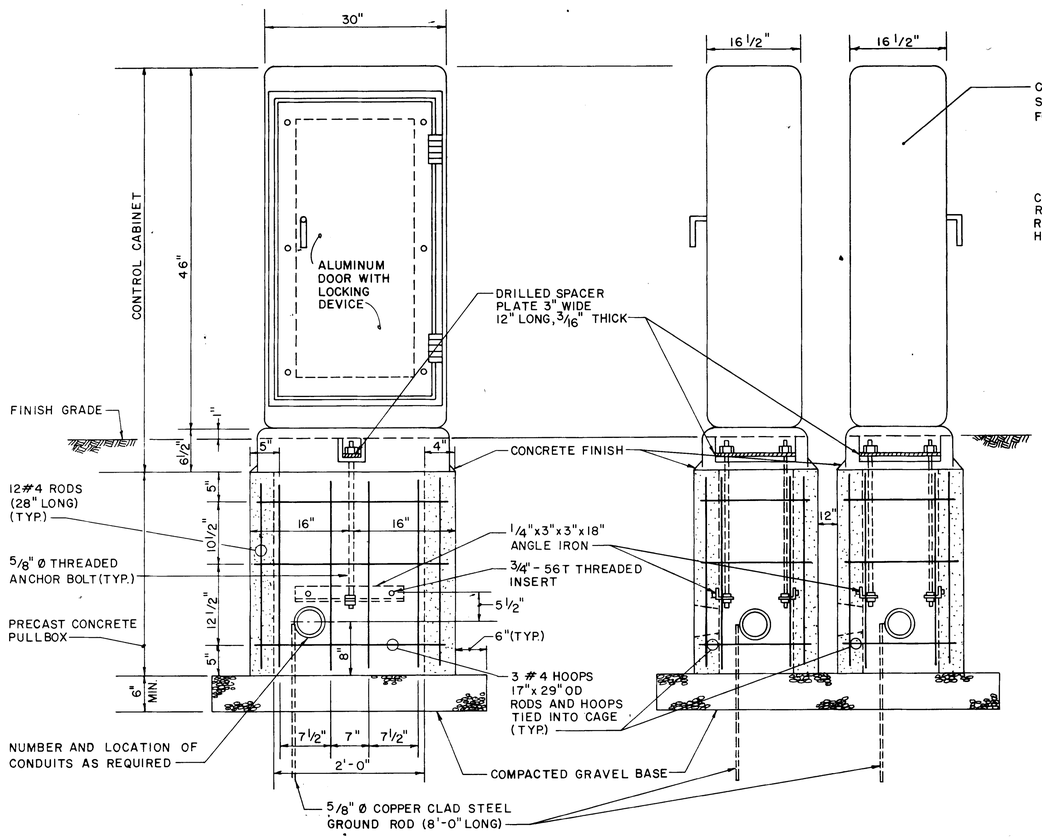
LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

SITE ELECTRICAL PLAN

Contract	Scale	Drawing No.
	1" = 40'	SE-1
	Date SEPTEMBER 1982	

COMMONWEALTH OF MASSACHUSETTS
WARREN H. OSTER
No. 8329
REGISTERED ELECTRICAL ENGINEER

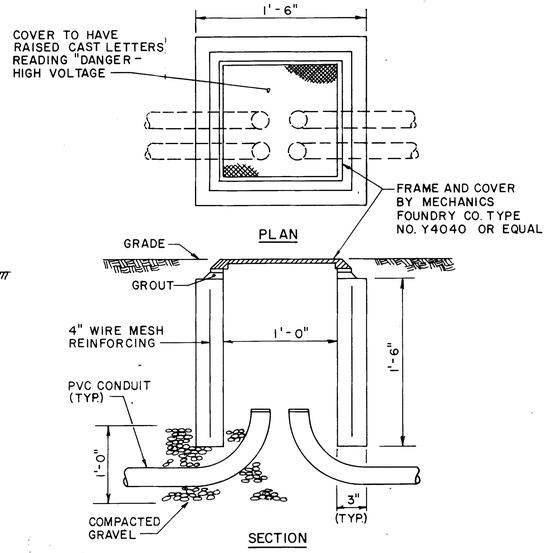


FRONT VIEW SIDE VIEW

DETAIL 2

CONTROL CABINET AND PULLBOX

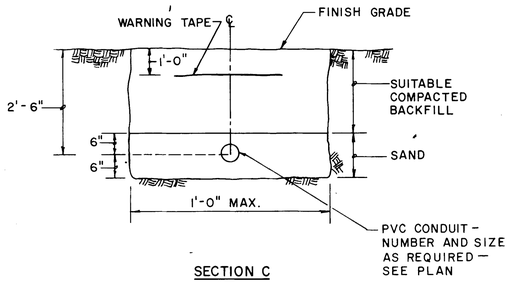
NOT TO SCALE



DETAIL 1

PRECAST CONCRETE HANDHOLE

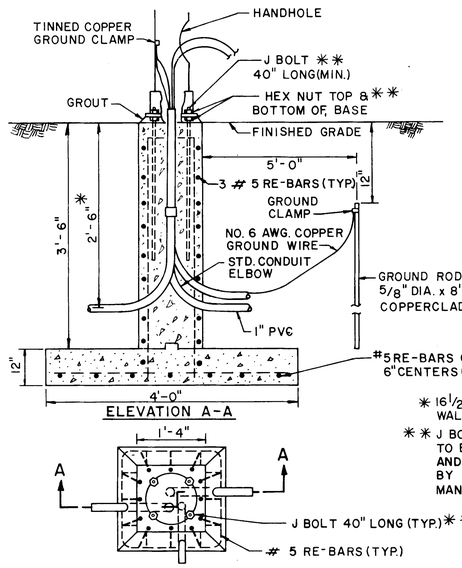
NOT TO SCALE



SECTION C

TYPICAL CONDUIT BURIAL DETAIL

NOT TO SCALE



PLAN

* 16 1/2" AT TIMBER WALKWAY

** J BOLT AND NUTS TO BE SIZED, SPACED AND FURNISHED BY THE POLE MANUFACTURER

TYPICAL LIGHTING FOUNDATION

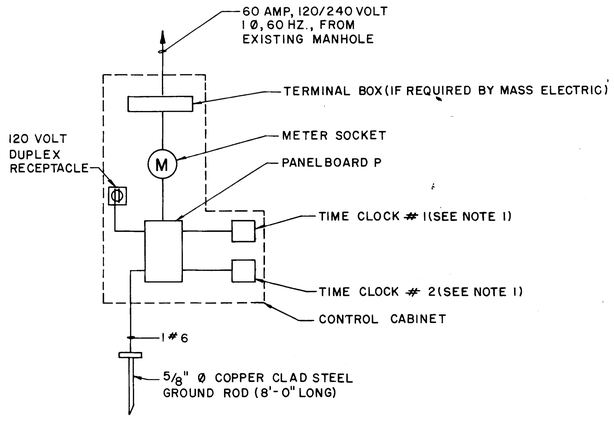
NOT TO SCALE

(FOR 15' & 25' POLES)

PANELBOARD - P

SERVICE: 120/240 VOLT, 1Ø, 3W — 100 AMP MAINS
MOUNTING: SURFACE — 60 AMP MAIN CIRCUIT BREAKER

CKT. NO.	EQUIPMENT	LOAD KW	LOAD HP	CKT. BRKR. POLES	CKT. BRKR. TRIP
1	TIME CLOCK # 1 & # 2	0.2	—	2	15
2	SPRINKLER SYSTEM CONTROL	1	—	1	20
3	DUPLEX RECEPTACLE	1	—	↓	↓
4	240 VOLT RECEPTACLE	1	—	2	
5	LIGHTING	2	—	|	
6	↓	2.1	—	|	
7		1.9	—	|	
8	↓	0.4	—	|	↓
9	DUPLEX RECEPT. IN CONTROL CABINET	0.2		↓	
10	SPACE			1	—
11	↓			1	—



ONE LINE DIAGRAM

NOT TO SCALE

NOTES:

1. TIME CLOCK SHALL BE SYNCHRONOUS MOTOR DRIVEN, WITH ASTRONOMIC DIAL, SPRING WOUND CARRY OVER MECHANISM AND 4 SINGLE POLE OR 2 DOUBLE POLE CONTACTS RATED 240 VOLTS, 40 AMP.

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

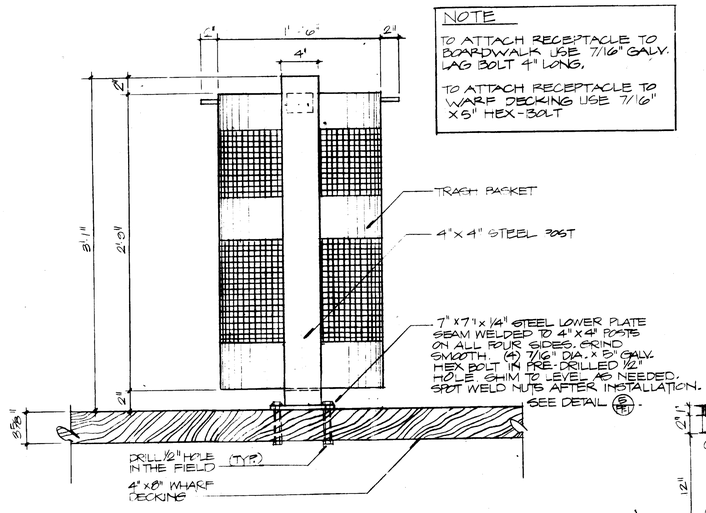
ELECTRICAL DETAILS

Contract	Scale	Drawing No.
84-71	AS NOTED	SE-2
	Date OCTOBER 1982	

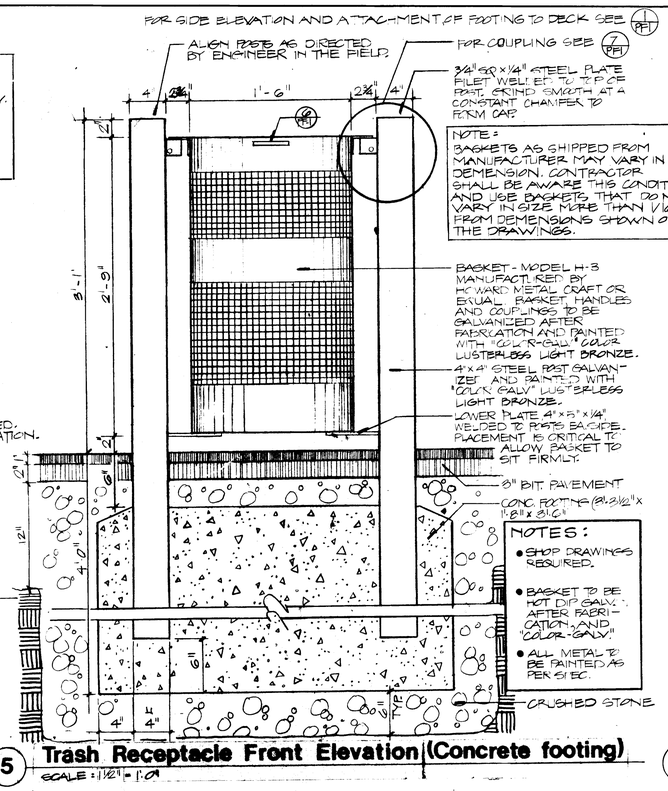
NOTE

TO ATTACH RECEPTACLE TO BOARDWALK USE 7/16" GALV. LAG BOLT 4" LONG.

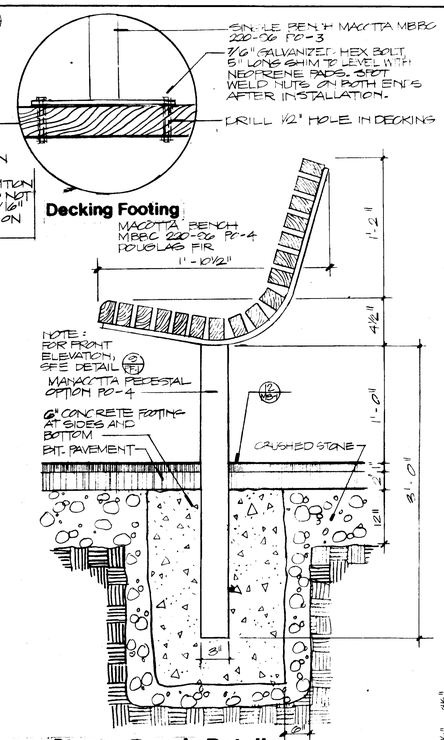
TO ATTACH RECEPTACLE TO WARF DECKING USE 7/16" X 5" HEX-BOLT



1 Trash Receptacle Side Elevation (Footing for Deck)
SCALE : 1 1/2" = 1'-0"

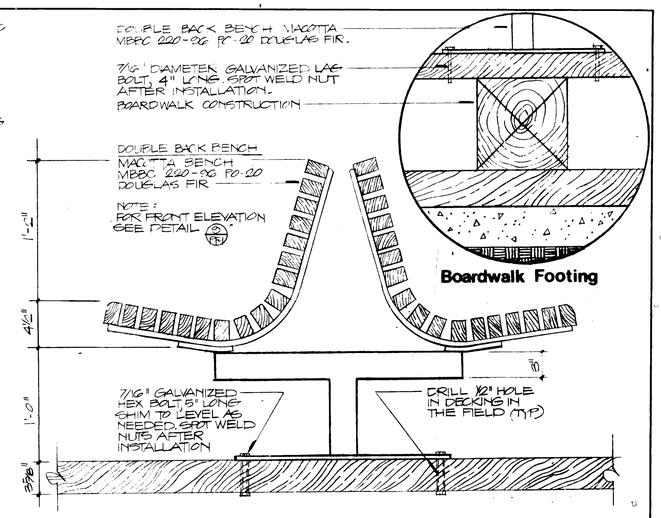


5 Trash Receptacle Front Elevation (Concrete footing)
SCALE : 1 1/2" = 1'-0"



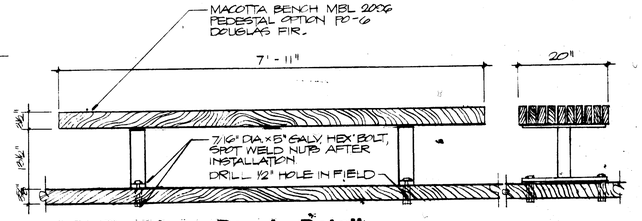
Decking Footing

8 Single Bench Detail
NOT TO SCALE

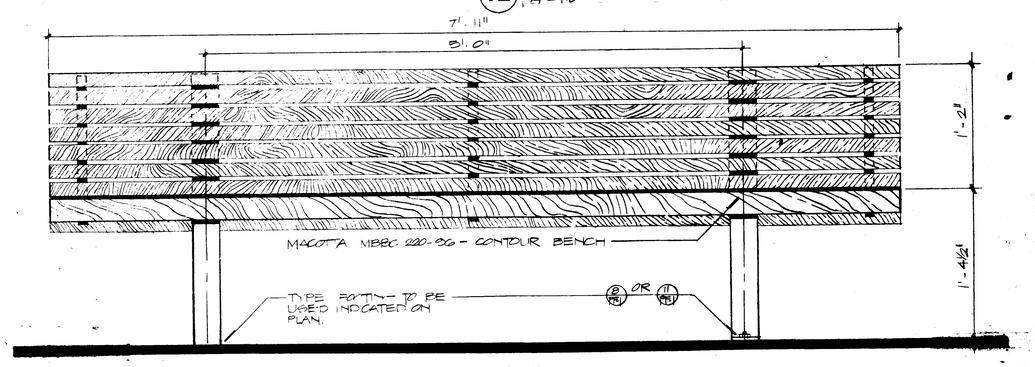


Boardwalk Footing

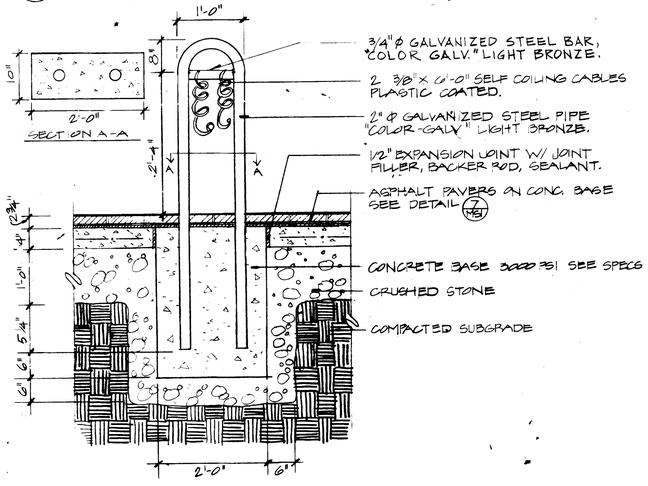
11 Double Bench Detail
NOT TO SCALE



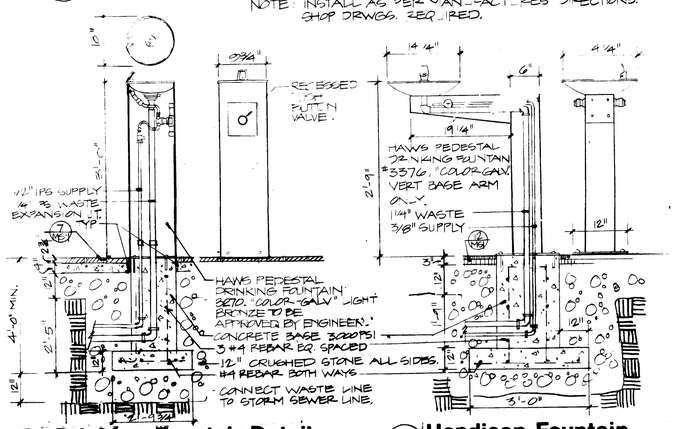
12 Backless Bench Detail
3/4" = 1'-0"



9 Contour Bench Front Elevation
SCALE : 1 1/2" = 1'-0"

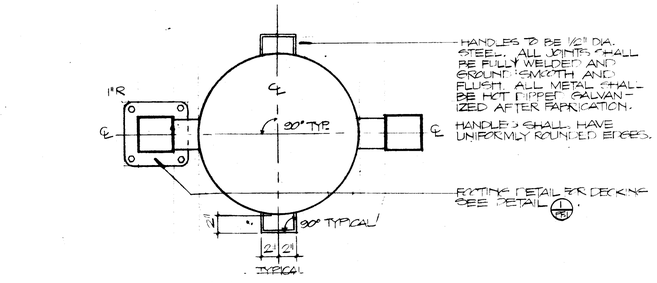


2 Bicycle Rack
SCALE:

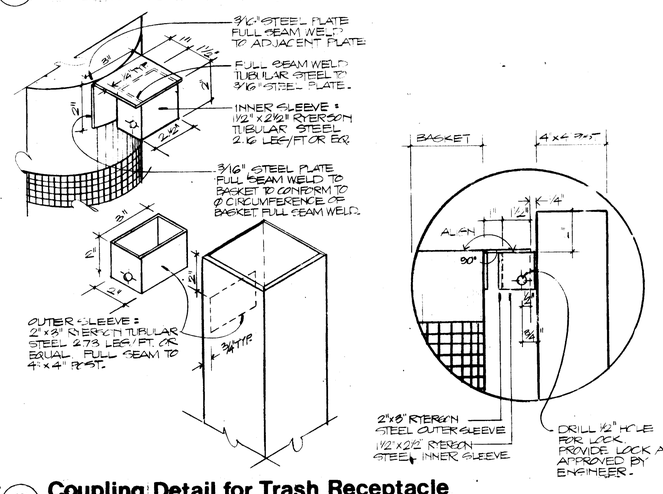


3 Drinking Fountain Detail
NOT TO SCALE

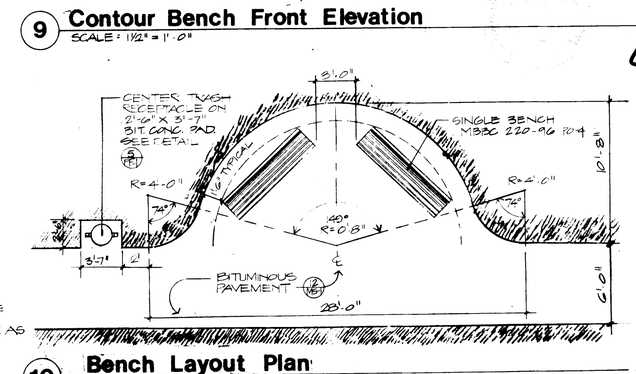
4 Handicap Fountain
NOT TO SCALE



6 Trash Receptacle Plan
SCALE : 1 1/2" = 1'-0"



7 Coupling Detail for Trash Receptacle
SCALE : 3" = 1'-0"



10 Bench Layout Plan
SCALE : 3/16" = 1'-0"

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT — ROBERT R. JOHNSON

COMMONWEALTH OF MASSACHUSETTS — WARREN H. OSTER No. 6109 REGISTERED LANDSCAPE ARCHITECT

THE CITY OF LYNN, MASSACHUSETTS

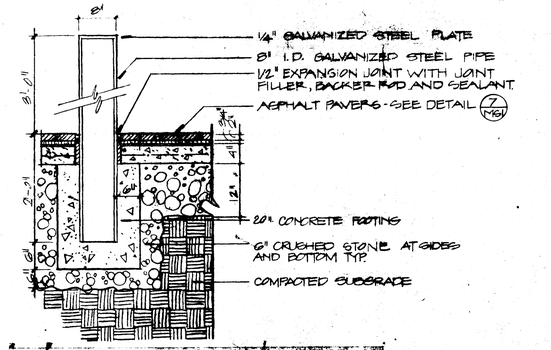
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3 - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

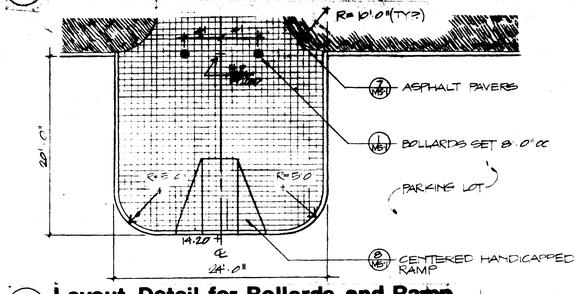
PARK FURNITURE DETAILS

Contract	Scale	Drawing No.
[redacted]	AS SHOWN	PF-1
	Date JAN' 1983	



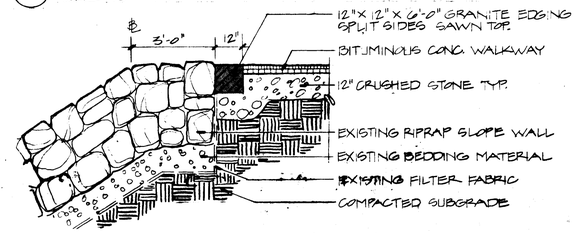
1 Parking Lot Walkway Bollard

NOT TO SCALE



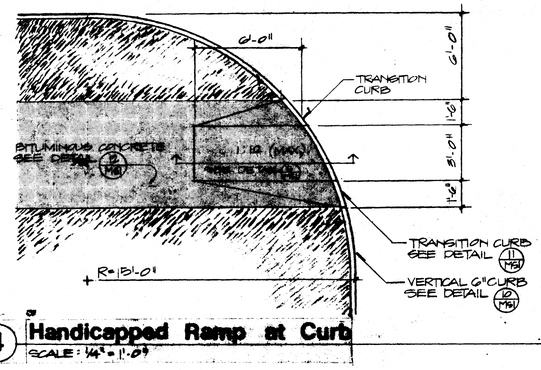
2 Layout Detail for Bollards and Ramp

SCALE: 1/8" = 1'-0"



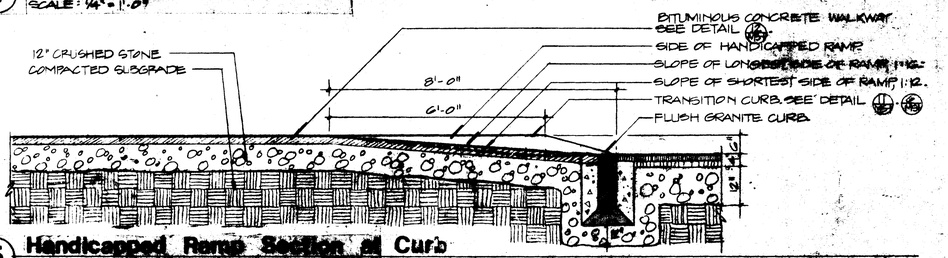
3 Granite Edging Along Walkway At Riprap

SCALE: 3/8" = 1'-0"



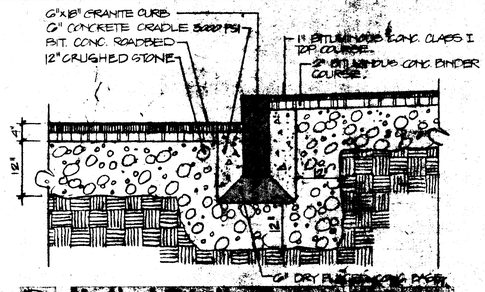
4 Handicapped Ramp at Curb

SCALE: 1/4" = 1'-0"

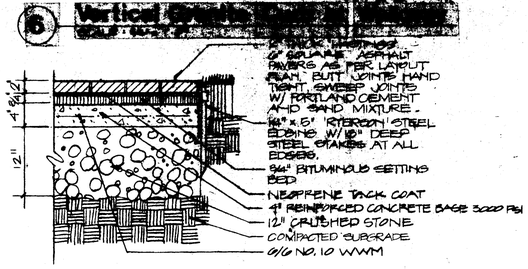


5 Handicapped Ramp Section at Curb

SCALE: 1/2" = 1'-0"

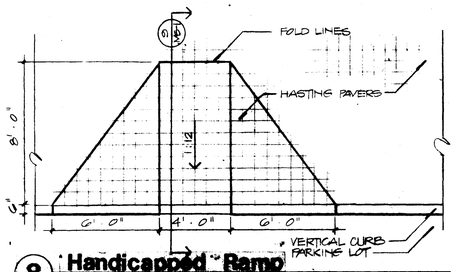


6 Vertical Granite Curb at Roadway



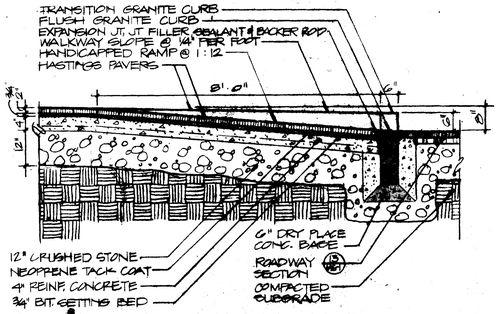
7 Asphalt Pavers On Concrete

NOT TO SCALE



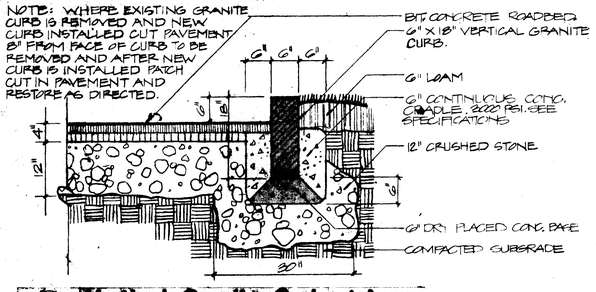
8 Handicapped Ramp

SCALE: 1/4" = 1'-0"



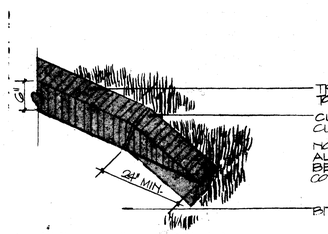
9 Handicapped Ramp Section

SCALE: 1/2" = 1'-0"



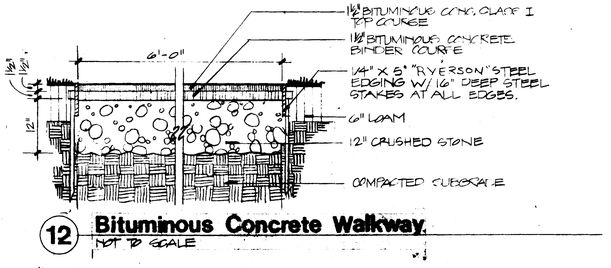
10 Vertical Granite Curb at Lawn

SCALE: 3/4" = 1'-0"



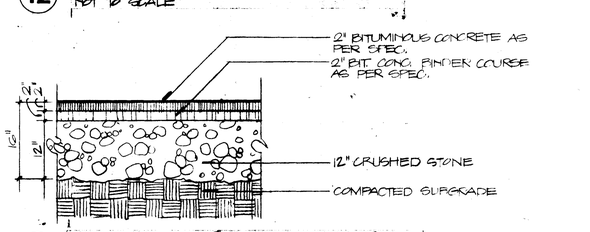
11 Transition Curb

NOT TO SCALE



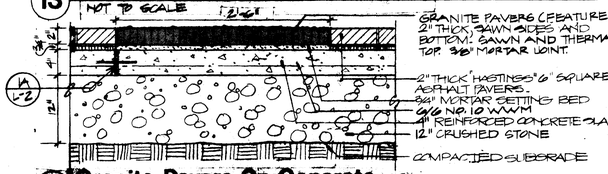
12 Bituminous Concrete Walkway

NOT TO SCALE



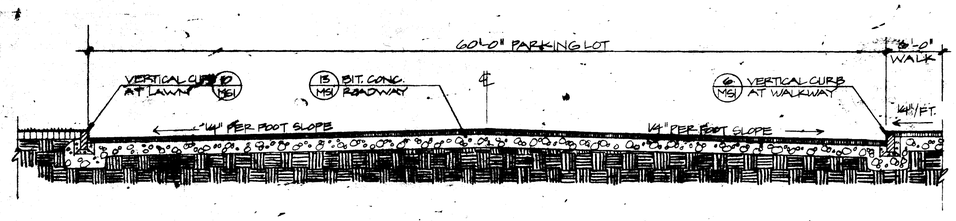
13 Bituminous Concrete Roadway

NOT TO SCALE



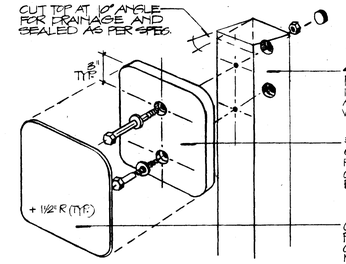
14 Granite Pavers On Concrete

NOT TO SCALE



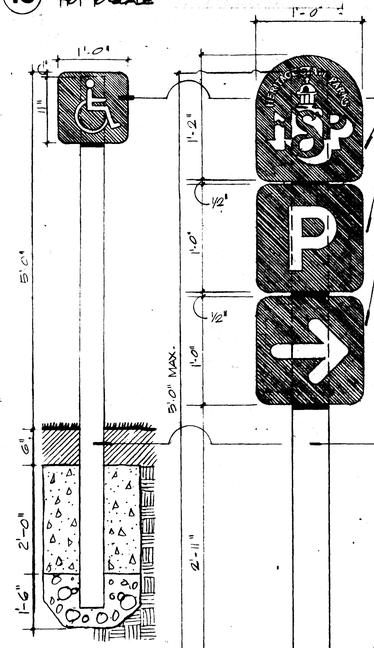
15 Typical Parking Lot and Walkway Section 'A-A'

SCALE: 3/16" = 1'-0"



16 Sign Assembly Isometric

NOT TO SCALE



17 Sign II

SCALE: 1" = 1'-0"

18 Sign Elevation Detail

NOT TO SCALE

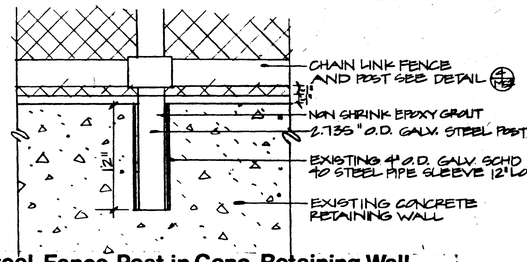
THE CITY OF LYNN, MASSACHUSETTS
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase [redacted] - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
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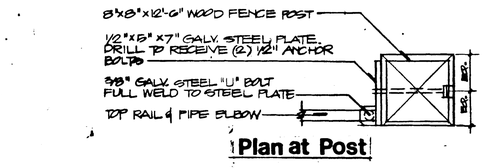
SITE DETAILS

Contract	Scale AS SHOWN	Drawing No. MS-1
[redacted]	Date JAN. 1983	

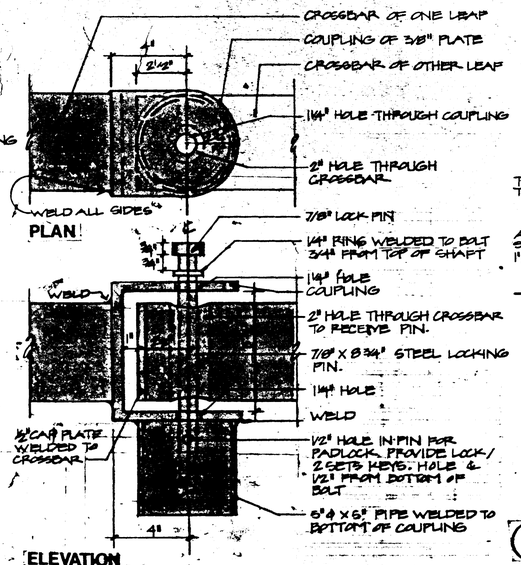


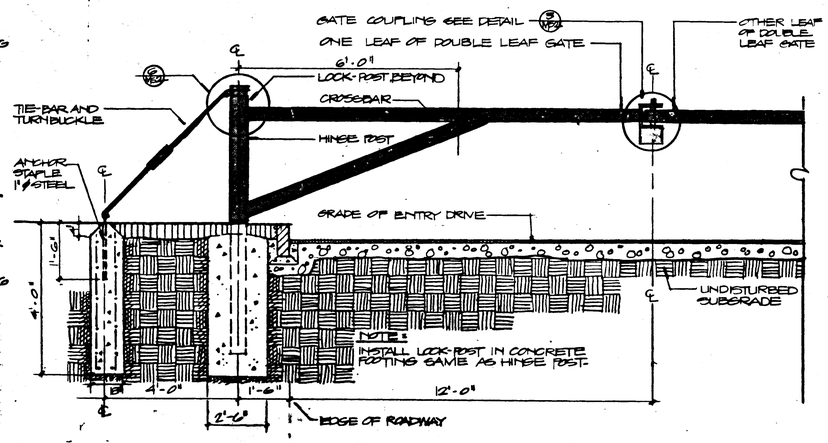
1 Steel Fence Post in Conc. Retaining Wall

SCALE: 1½" = 1'-0"



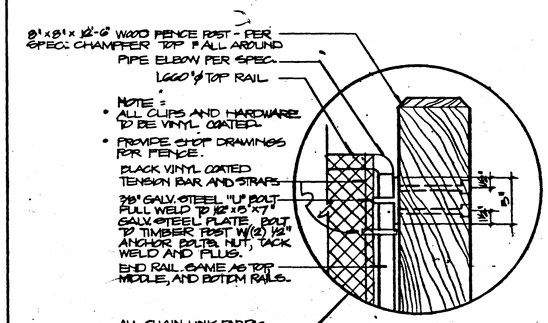
Plan at Post





5 Double Leaf Gate Assembly Elevation

NOT TO SCALE

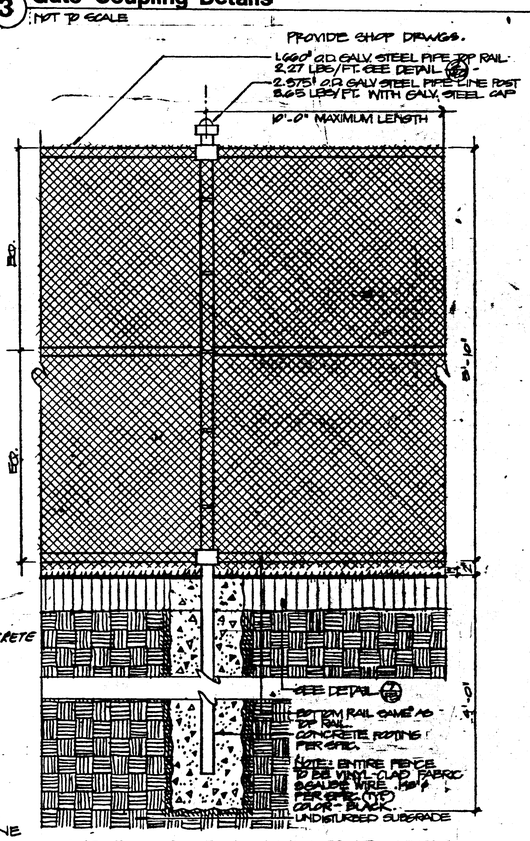


2 Chain Link Fence at Wood Post

SCALE: 1" = 1'-0"

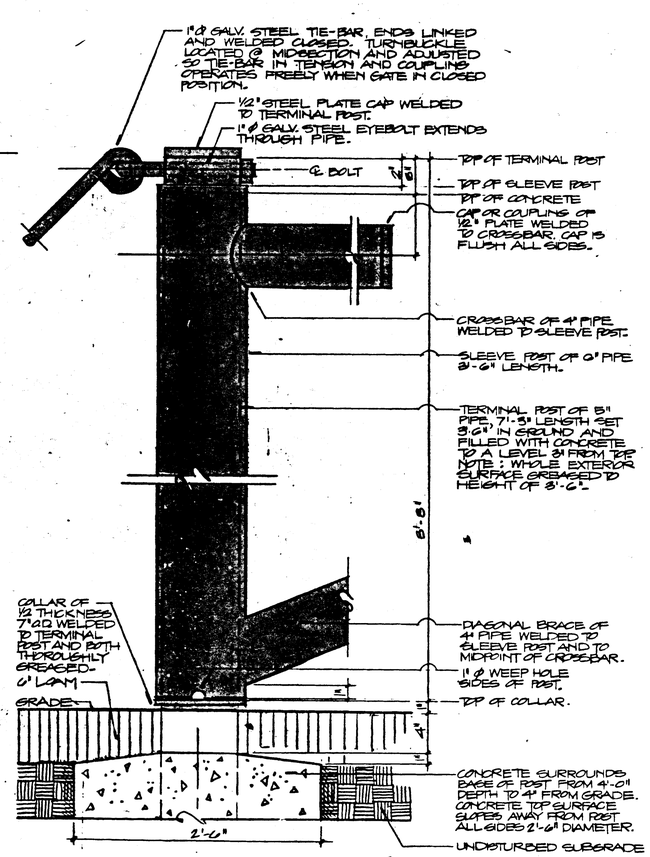
3 Gate Coupling Details

NOT TO SCALE



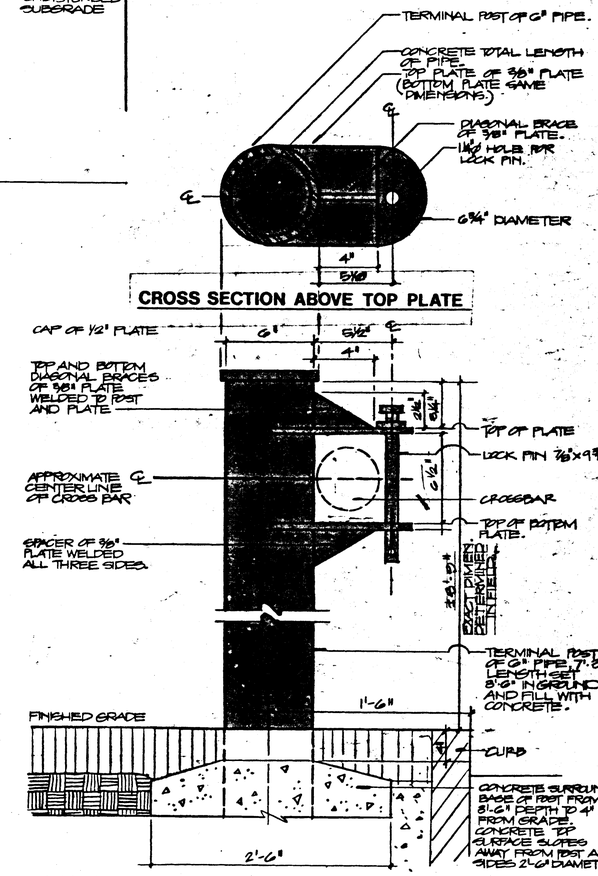
4 Chain Link Fence at Line Post

SCALE: 1"=1'-0"



6 Hinge Post Elevation Detail

NOT TO SCALE



7 Lock Post Detail Elevation

NOT TO SCALE

COMMONWEALTH OF MASSACHUSETTS WARREN H. OSTER No. 6126 REGISTERED LANDSCAPE ARCHITECT

COMMONWEALTH OF MASSACHUSETTS CHRISTOPHER JOHN MORLEY No. 138 REGISTERED LANDSCAPE ARCHITECT

THE CITY OF LYNN, MASSACHUSETTS

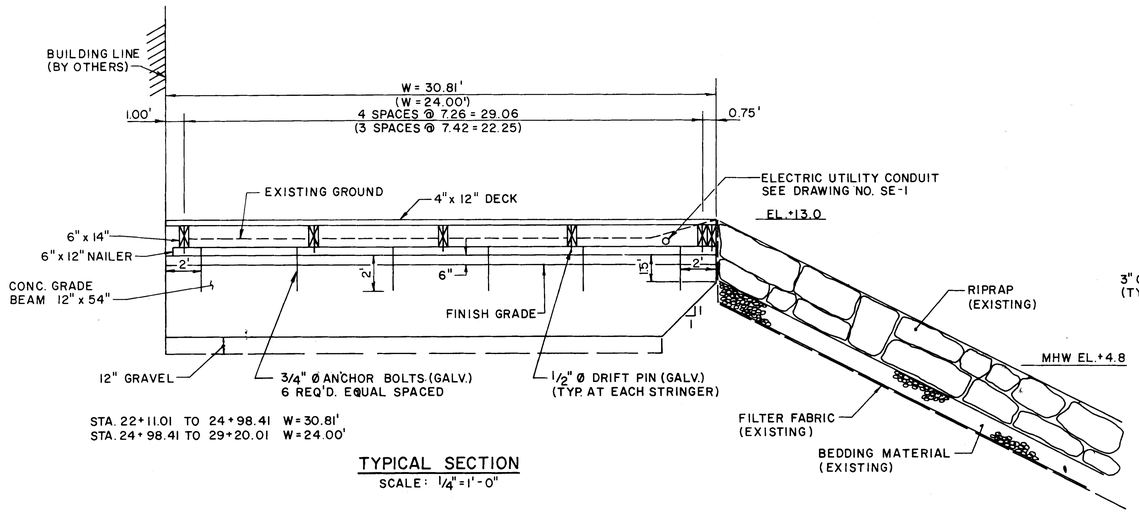
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

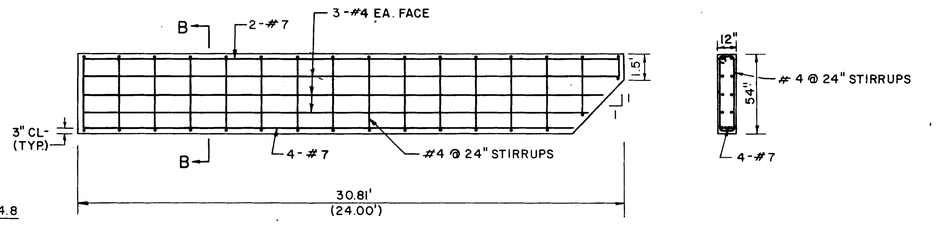
SITE DETAILS

Contract	Scale	Drawing No.
84-71	AS SHOWN	MS-2
	Date JAN 1983	



STA. 22+11.01 TO 24+98.41 W=30.81'
STA. 24+98.41 TO 29+20.01 W=24.00'

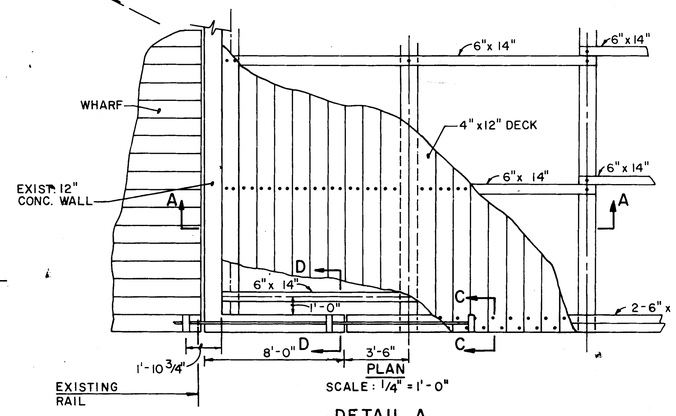
TYPICAL SECTION
SCALE: 1/4"=1'-0"



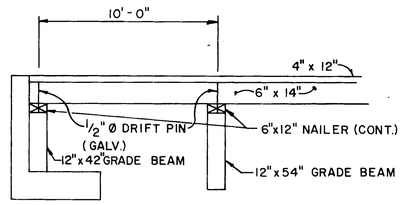
ELEVATION

SECTION B-B

CONCRETE GRADE BEAM
SCALE: 1/4" = 1'-0"

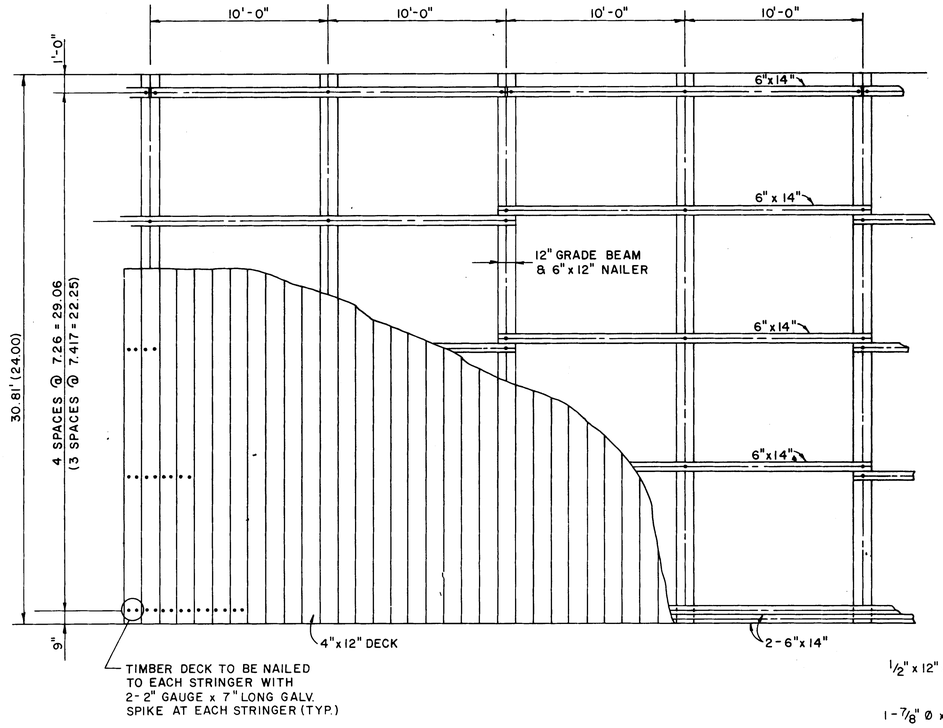


PLAN
SCALE: 1/4" = 1'-0"

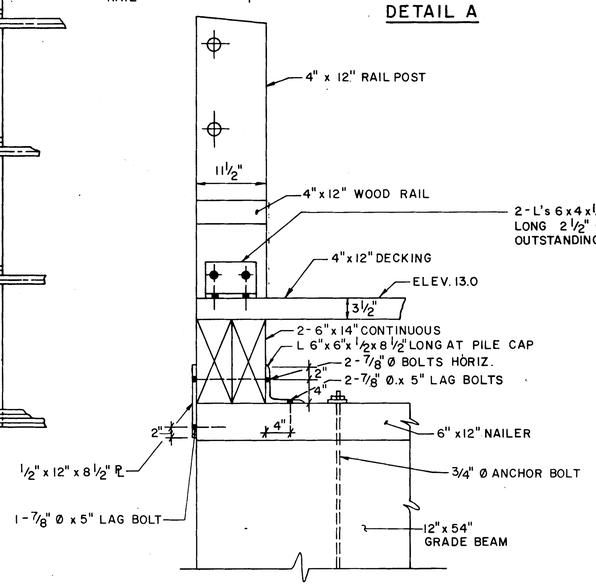


SECTION A-A
SCALE: 1/4" = 1'-0"

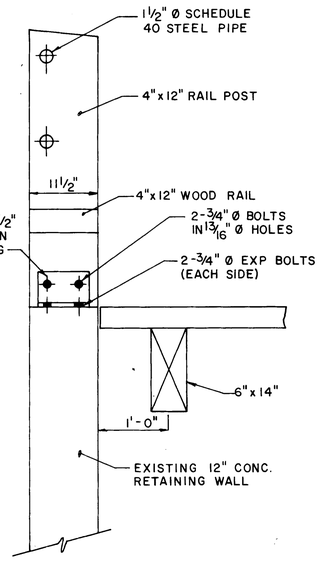
DETAIL A



FRAMING PLAN
SCALE: 1/4" = 1'-0"



SECTION C-C
SCALE: 1" = 1'-0"



SECTION D-D
SCALE: 1" = 1'-0"

NOTES

1. ALL STRUCTURAL STEEL TO CONFORM TO ASTM DESIGNATION A 36.
2. ALL STRUCTURAL STEEL AND BOLTING TO BE HOT DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 OR A153 AS APPLIES.
3. ALL TIMBER TO BE DOUGLAS FIR OR SOUTHERN YELLOW PINE GRADED FOR NOT LESS THAN 1600 PSI, ACA, OR CCA PRESSURE TREATED – SEE SPECIFICATIONS.
4. ALL CONCRETE TO BE CLASS "A." (f_c' = 4000psi)
5. ALL REINFORCING STEEL TO CONFORM TO ASTM A615 GRADE 60.
6. EXISTING RIPRAP, BEDDING MATERIAL AND FILTER FABRIC DISTURBED BY CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO EXPENSE TO THE DIRECTOR TO THE LINES AND GRADES AS SHOWN ON THE DRAWINGS AND AS DIRECTED BY THE ENGINEER.
7. ADD 4-6"x14" (2 EACH SIDE) AT LIGHT POLE LOCATIONS. SEE DRAWING NO. SE-1.

THE CITY OF LYNN, MASSACHUSETTS

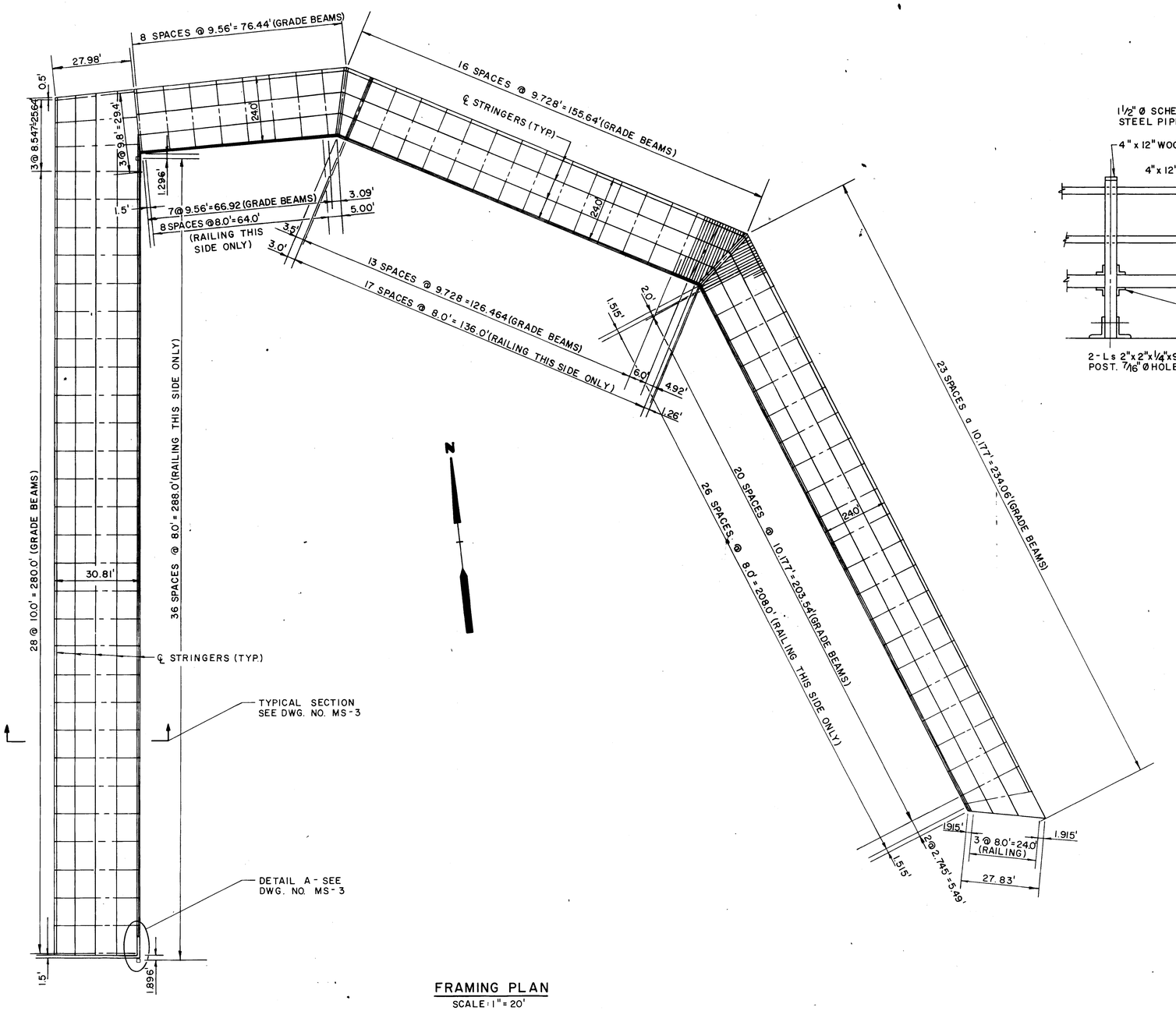
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

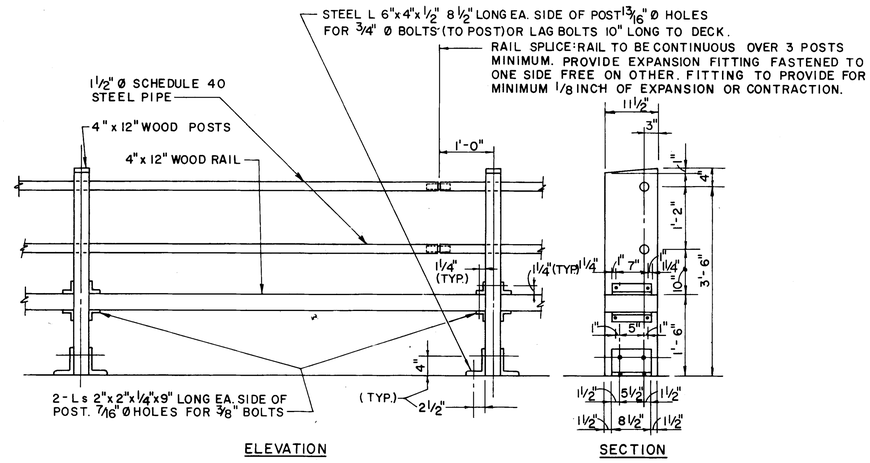
Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

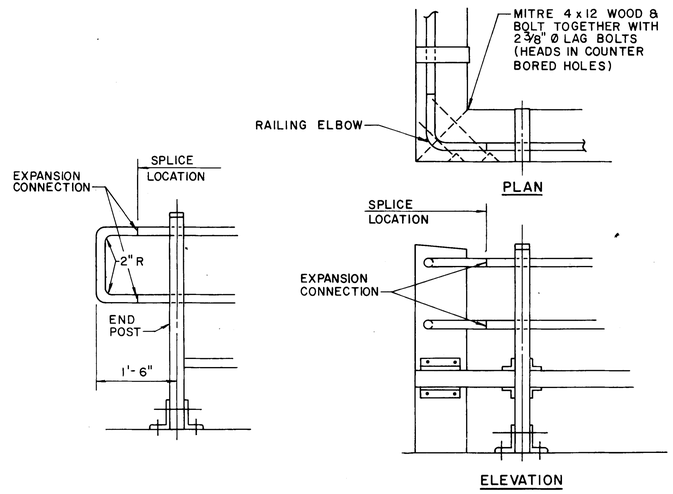
TIMBER DECK HARBORWALK DETAILS

Contract	Scale	Drawing No.
84-71	AS NOTED	MS-3
	Date JANUARY 1983	



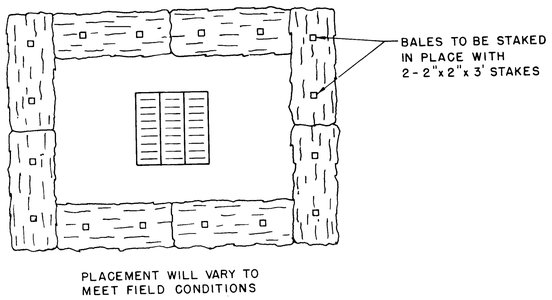
FRAMING PLAN
SCALE: 1" = 20'





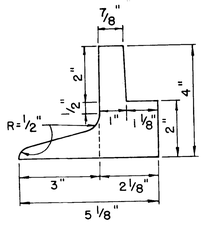
RAILING DETAILS
SCALE: ¾" = 1'-0"

THE CITY OF LYNN, MASSACHUSETTS	
Division of Forests and Parks DEPARTMENT OF ENVIRONMENTAL MANAGEMENT Commonwealth of Massachusetts	
LYNN HERITAGE STATE PARK Phase 3B - Lynn, Massachusetts	
Hayden, Harding & Buchanan, Inc. *Consulting Engineers* *Boston, Massachusetts*	
TIMBER DECK HARBORWALK DETAILS	
Contract	Scale: AS NOTED Date: JANUARY 1983
	Drawing No.: MS-4

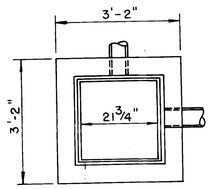


PLACEMENT WILL VARY TO
MEET FIELD CONDITIONS

TEMPORARY BARRIER
HAY BALES AT D.I.
AND C.B.

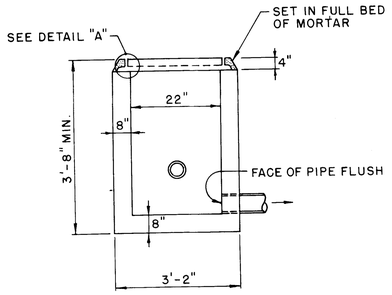


DETAIL "A"



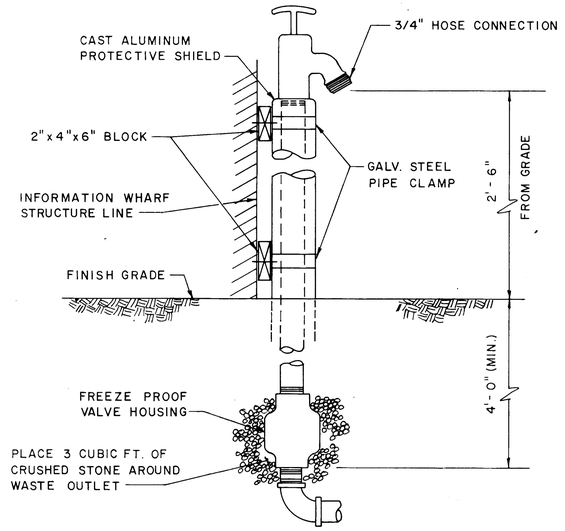
PLAN

NOTES:
1. USE STANDARD CATCH BASIN GRATES WITH 4 FLANGE 4" CAST IRON FRAMES.
2. DROP INLETS TO BE EITHER CEMENT CONCRETE OR CONCRETE BLOCK SET IN FULL BED OF MORTAR.
3. NOMINAL CONCRETE BLOCK DIMENSIONS:
   HEIGHT 4" TO 8"
   WIDTH 8"
   LENGTH 8" TO 16"

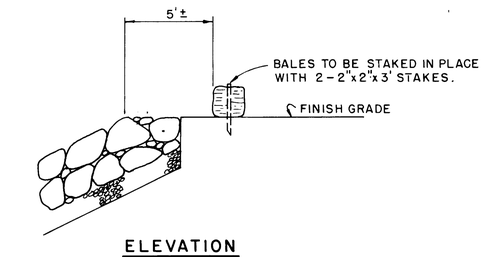


SECTION

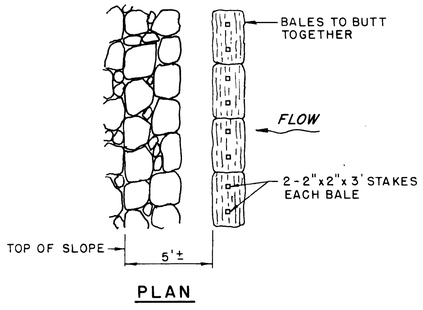
DROP INLET



YARD HYDRANT DETAIL

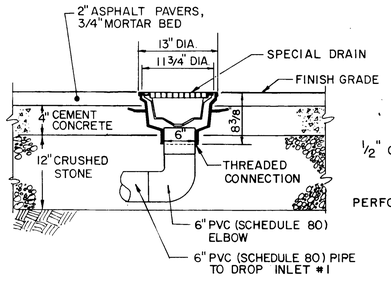


ELEVATION

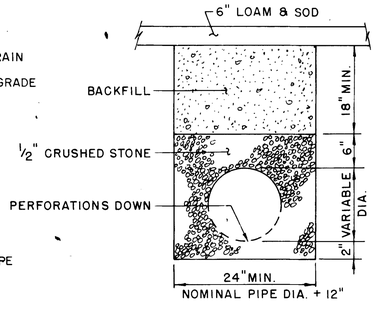


PLAN

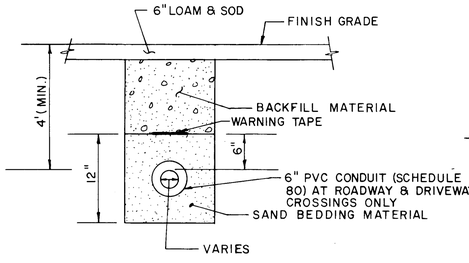
HAY BALES FOR
EROSION CONTROL



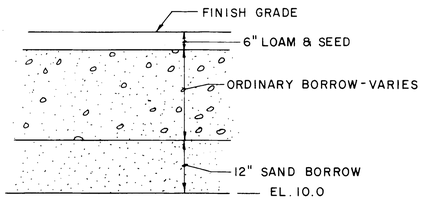
SPECIAL DRAIN DETAIL



SUBDRAIN DETAIL

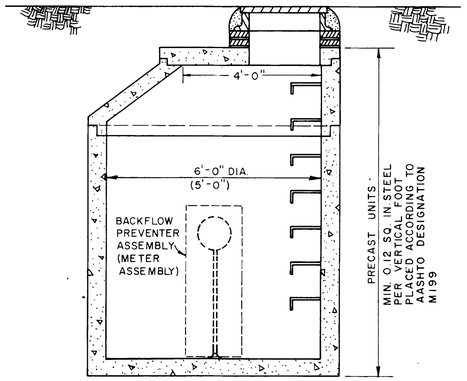


WATER LINE TRENCH DETAIL

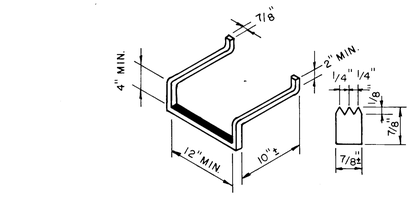


SAND FILTER DETAIL

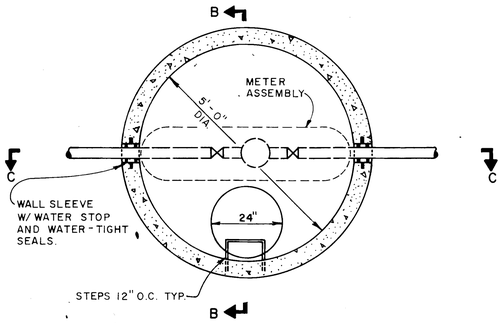
THE CITY OF LYNN, MASSACHUSETTS		
Division of Forests and Parks DEPARTMENT OF ENVIRONMENTAL MANAGEMENT Commonwealth of Massachusetts		
LYNN HERITAGE STATE PARK Phase 3B - Lynn, Massachusetts		
Hayden, Harding & Buchanan, Inc. *Consulting Engineers* *Boston, Massachusetts*		
MISCELLANEOUS DETAILS		
Contract 84-71	Scale NOT TO SCALE Date JANUARY 1983	Drawing No. MS-5



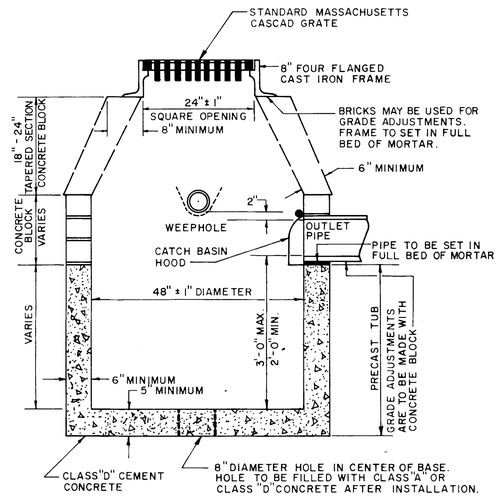
SECTION B-B

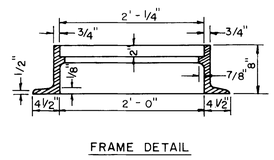


STEP DETAIL



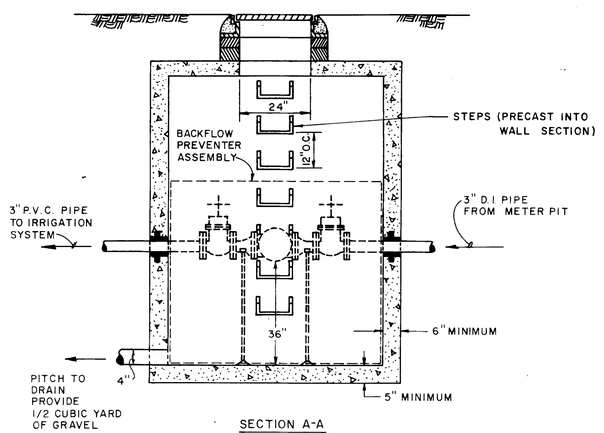
PLAN





FRAME DETAIL

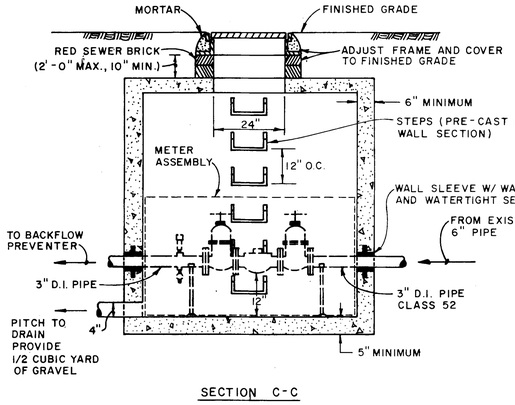
CATCH BASIN DETAIL



PLAN

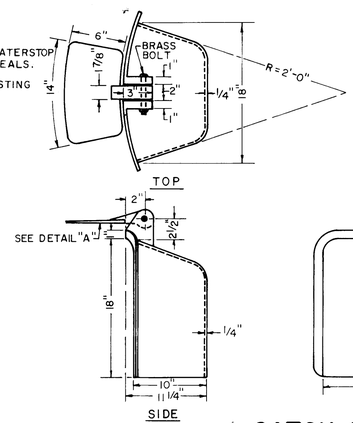
SECTION A-A

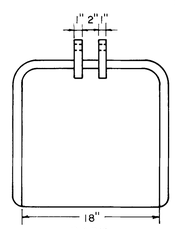
BACKFLOW PREVENTER MANHOLE DETAIL

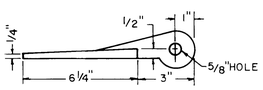


SECTION C-C

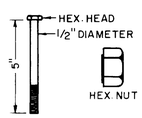
METER MANHOLE DETAIL







DETAIL "A" HINGE

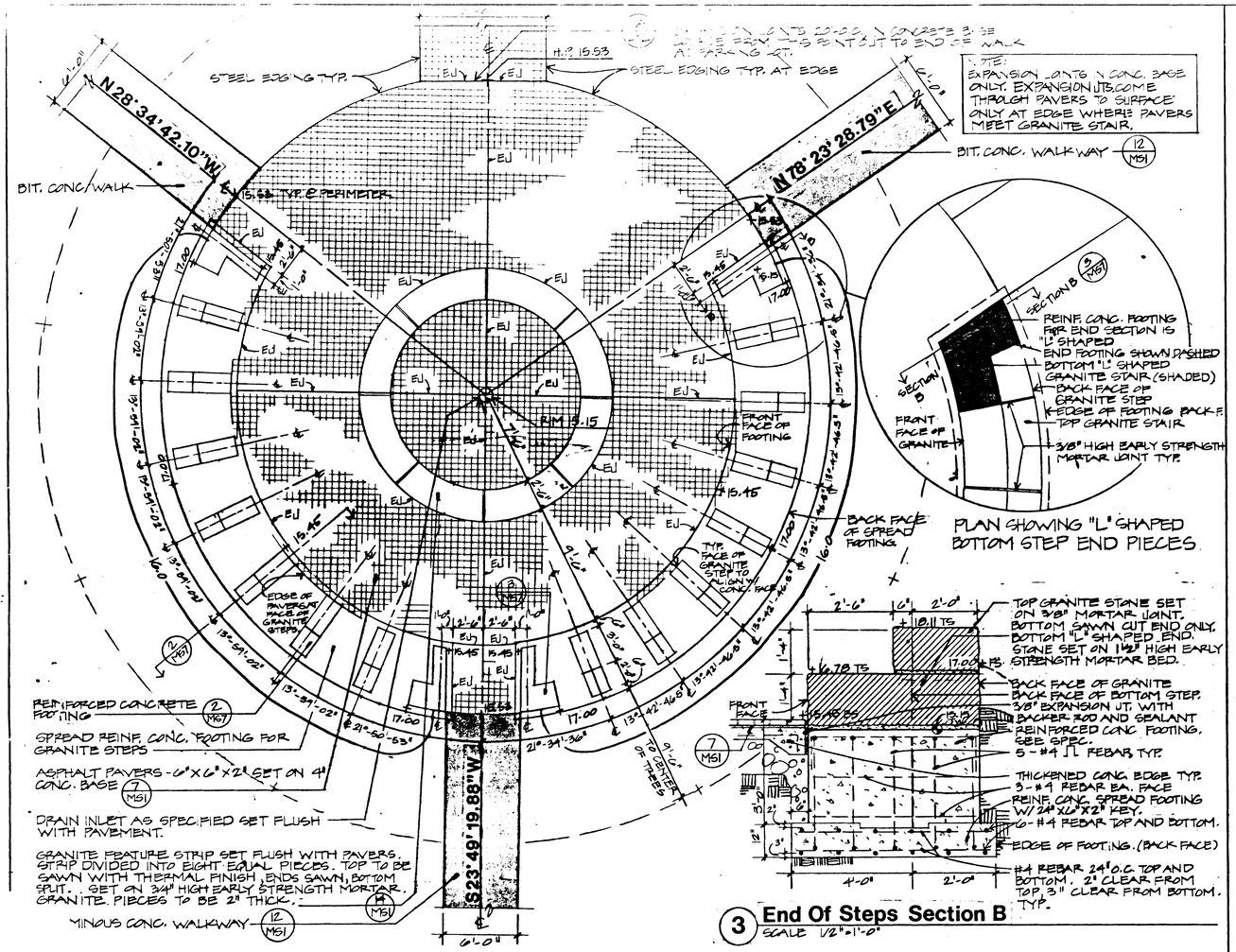


BRASS BOLT & NUT

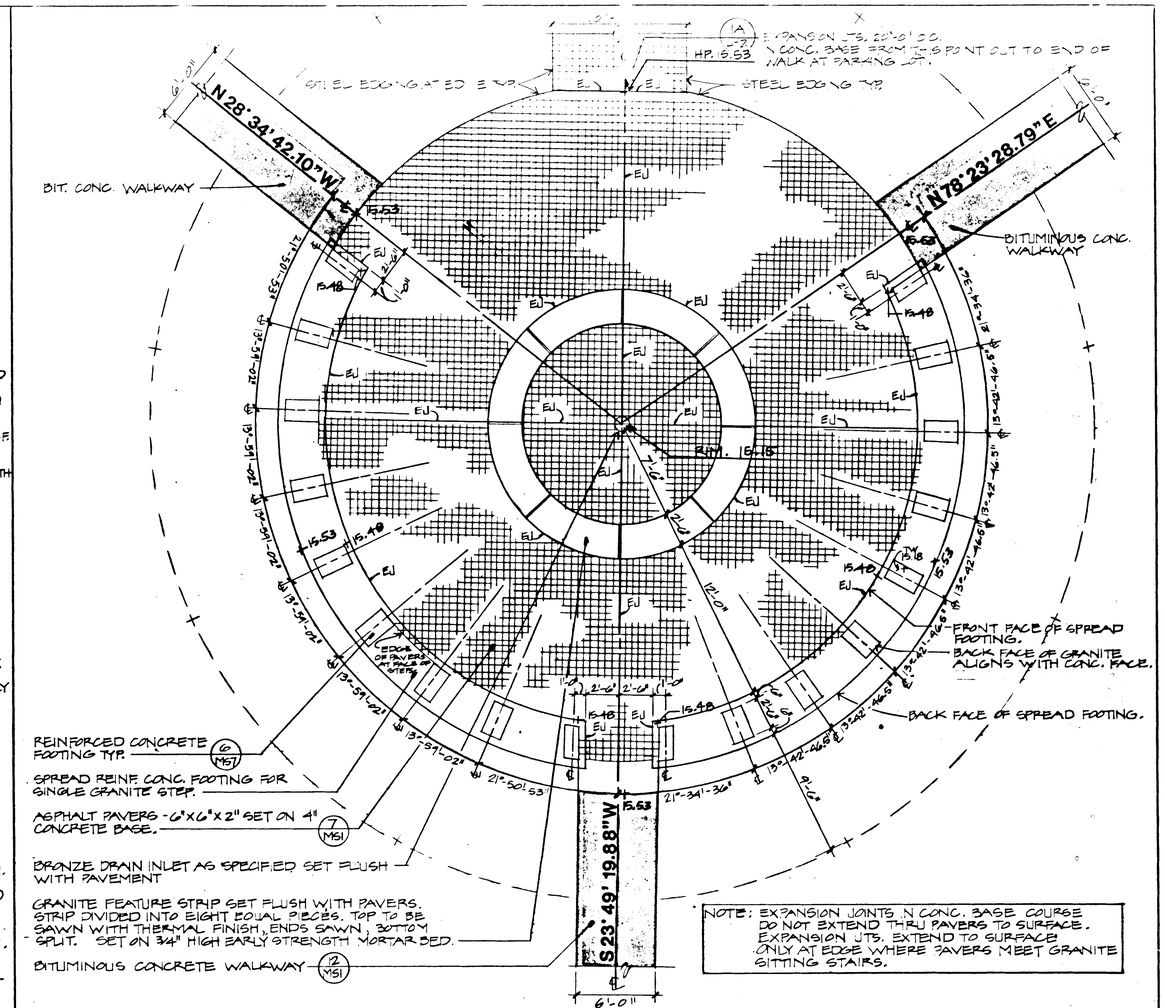
HOODS TO BE GRAY CAST IRON AASHTO CLASS #30

CATCH BASIN HOOD DETAIL

THE CITY OF LYNN, MASSACHUSETTS	
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LYNN HERITAGE STATE PARK Phase 3B - Lynn, Massachusetts	
Hayden, Harding & Buchanan, Inc. *Consulting Engineers* *Boston, Massachusetts*	
MISCELLANEOUS DETAILS	
Contract 84-71	Scale NOT TO SCALE Date JANUARY 1983
	Drawing No. MS-6



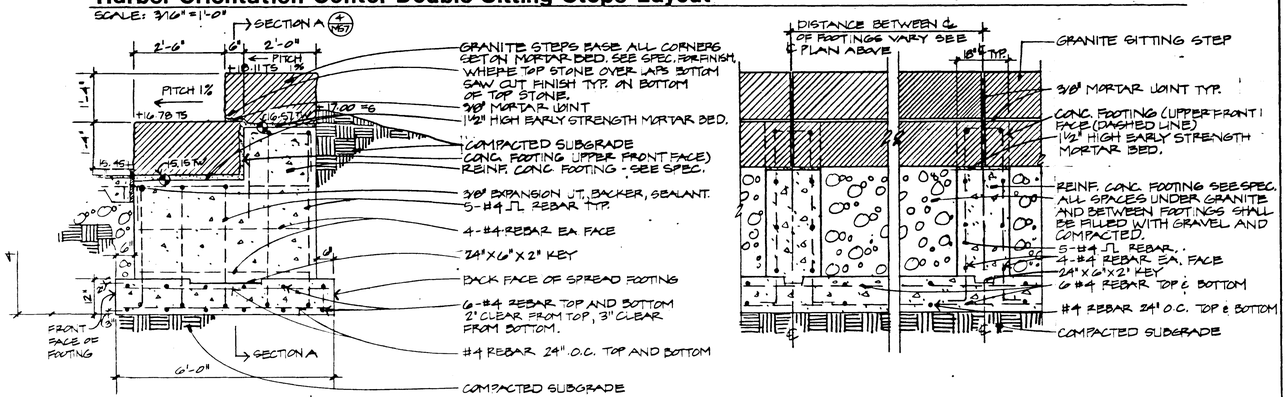
3 End Of Steps Section B
SCALE 1/2"=1'-0"



5 Harbor Orientation Center Single Step Layout
SCALE: 3/16"=1'-0"

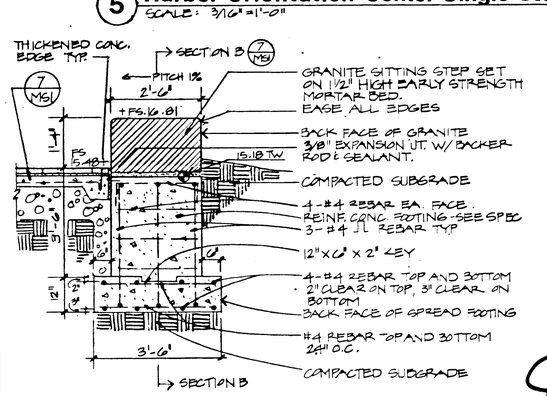
Harbor Orientation Center Double Sitting Steps Layout

SCALE: 3/16"=1'-0"

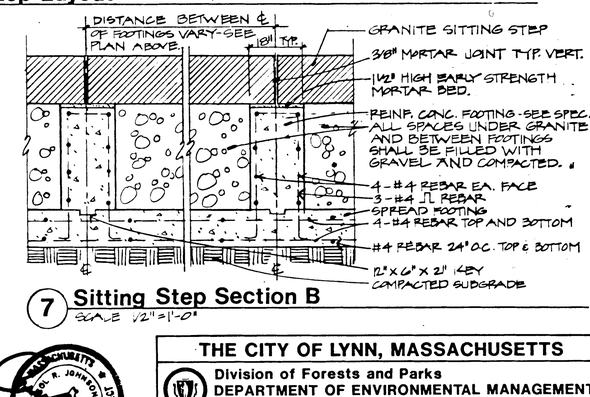


2 Typical Double Granite Sitting Step Section
SCALE: 1/2"=1'-0"

4 Sitting Steps Section A
SCALE: 1/2"=1'-0"



6 Typical Single Granite Sitting Step Section
SCALE: 1/2"=1'-0"



7 Sitting Step Section B
SCALE 1/2"=1'-0"

HARBOR ORIENTATION CENTER ALTERNATE NO. 2

HARBOR ORIENTATION CENTER ALTERNATE NO. 1

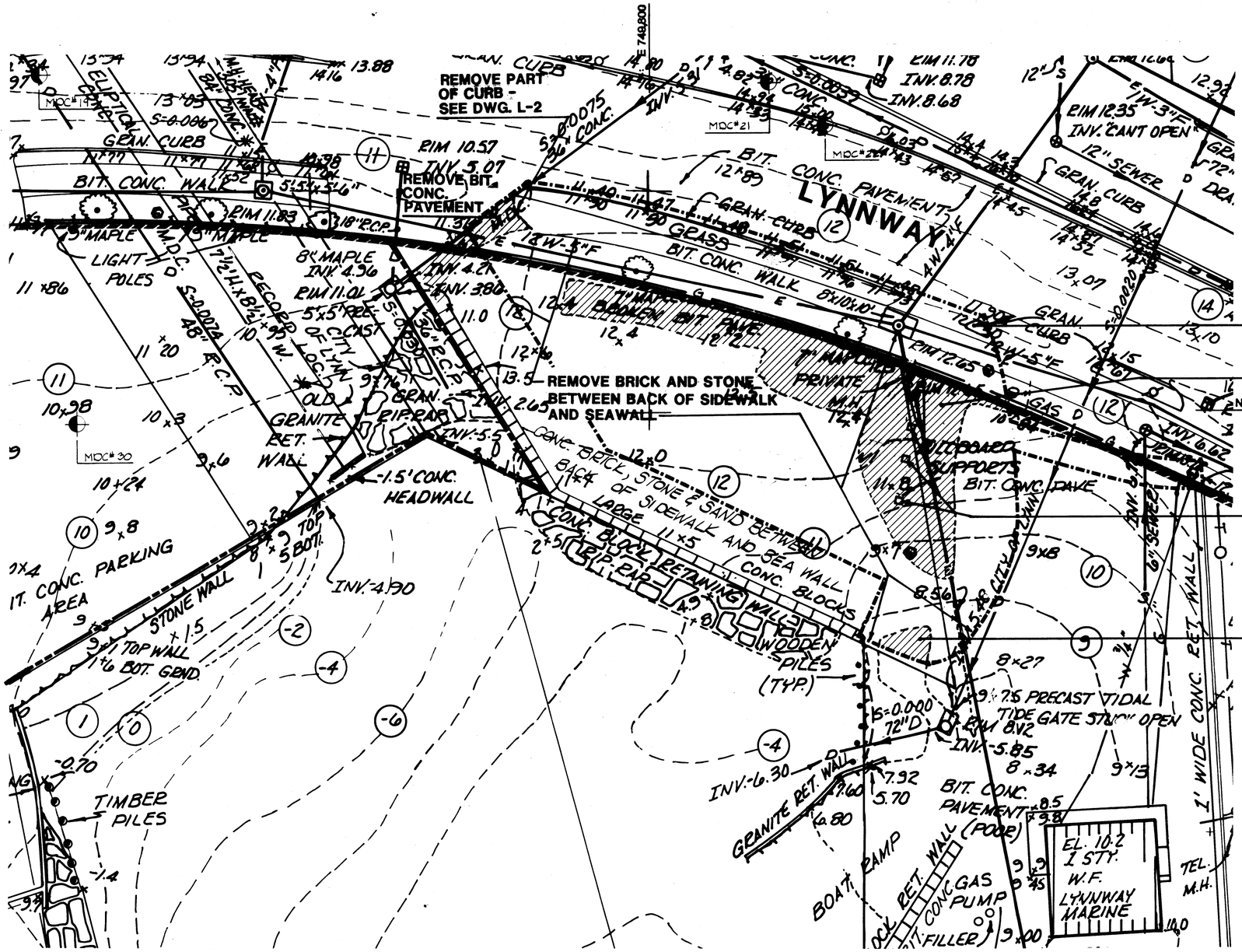
THE CITY OF LYNN, MASSACHUSETTS
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3B - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

SITE DETAIL ALTERNATES

Contract	Scale	Drawing No.
84-71	AS SHOWN	MS-7
	Date MARCH 1983	



EXISTING CONDITIONS & SITE DEMOLITION PLAN

SCALE: 1"=20'

NORTH

EXISTING CONDITIONS & SURVEY NOTES:

1. State Coordinate System - Connection to Mass. Co-ordinate system (grid north) was made by occupying sta. "Lynn-Nahant 2(W.M.)" X 751,908.36, Y 531,356.96 and backsighting on intersection sta. "John Hancock Bldg., radio mast, 1949" X 715,235.73, Y 492,111.16.

2. Bathymetric Profiling - The information depicted on this Drawing represents the results of surveys conducted by Ocean Surveys, Inc., on October 22-23, 1980 and can only be considered as indicating the conditions existing at the time.

3. Utility Notes -
   a. The location of all underground utilities shown are approximate. Locations are based on field locations, where visible, and whatever record information is available. There is no record information for many of the utilities, and they shall be verified on the ground.
   b. In accordance with Chapter 82, Section 40 of the Mass. General Laws, Contractors must contact, in writing, all utility companies prior to any excavation or drilling (also call "Dig-Safe" at 1-800-322-4844).
   c. Telephone cable (underground service) does exist within the Lynnway, there is no record information to indicate its position.
   d. Electric service to existing buildings on the Lynnway is private. No record data is available at Mass. Electric. Electric services shown are from field observation or owner knowledge of present position. They are for guide purposes only.

4. Bench Mark Notes -
   a. Elevations refer to the National Geodetic Vertical datum of 1929. Add 4.4 to 4.6 feet to these elevations to obtain approximate mean low water elevation for Lynn Harbor.
   b. B.M. #4919 is a monel rivet set in top of wall in the Lynnway medium EL.=15.938 National Geodetic Vertical Datum.
   c. B.M. #4920 is a chiseled square on Lynn-Nahant corner monument in traffic circle. EL.12.346 National Geodetic Vertical Datum.
   d. B.M. #1 chiseled square in northeast corner of stone bound at center line station 84 +99.53 on the southerly side of the Lynnway. There are two stone bounds .5'± apart. The bench mark is in the bound furthest southwest. The bound is located southwest of Beacon Chevrolet. EL.11.76.
   e. B.M. #2 chiseled square in southwest corner of stone bound at center line station 103+42.00. (The most northerly bound) on the southerly side of the Lynnway. The bound is located in front of Studio IV. EL.15.67.
   f. B.M. #3 chiseled square in southeasterly corner of 1st concrete step of doorway entrance directly opposite entrance to #254/258 Broad Street. EL.15.12.

GENERAL NOTES:

1. Existing conditions traced from survey by Guerriere & Halnon, Inc., Engineering & Land Surveying, 707 Main Street, Millis, Massachusetts, dated November 26, 1980.
2. The Contractor shall verify all dimensions, grades and utilities on the ground and report any discrepancies immediately to the Landscape Architect for a decision prior to continuing work.
3. All utility locations are approximate only. The Contractor shall be responsible for locating, protecting and repairing damage to all utilities as well as temporary removal or adjustment and replacement of same.
4. All paved areas, fences, curbs, etc. shall be staked out in the field by the Contractor prior to grading for approval by the Landscape Architect.
5. Provide vertical curves or roundings at abrupt changes in grade unless otherwise noted.
6. The Contractor shall adjust and set all rims to match proposed finished grades and slope.
7. The Contractor shall replace all disturbed paving and curbing to match original grades except where otherwise noted.
8. The Contractor shall be responsible for all on-site coordination with utility companies and all appropriate municipal departments.

THE CITY OF LYNN, MASSACHUSETTS

Commonwealth of Massachusetts
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Division of Forests and Parks

LYNN HERITAGE STATE PARK
Phase One - Lynn, Massachusetts

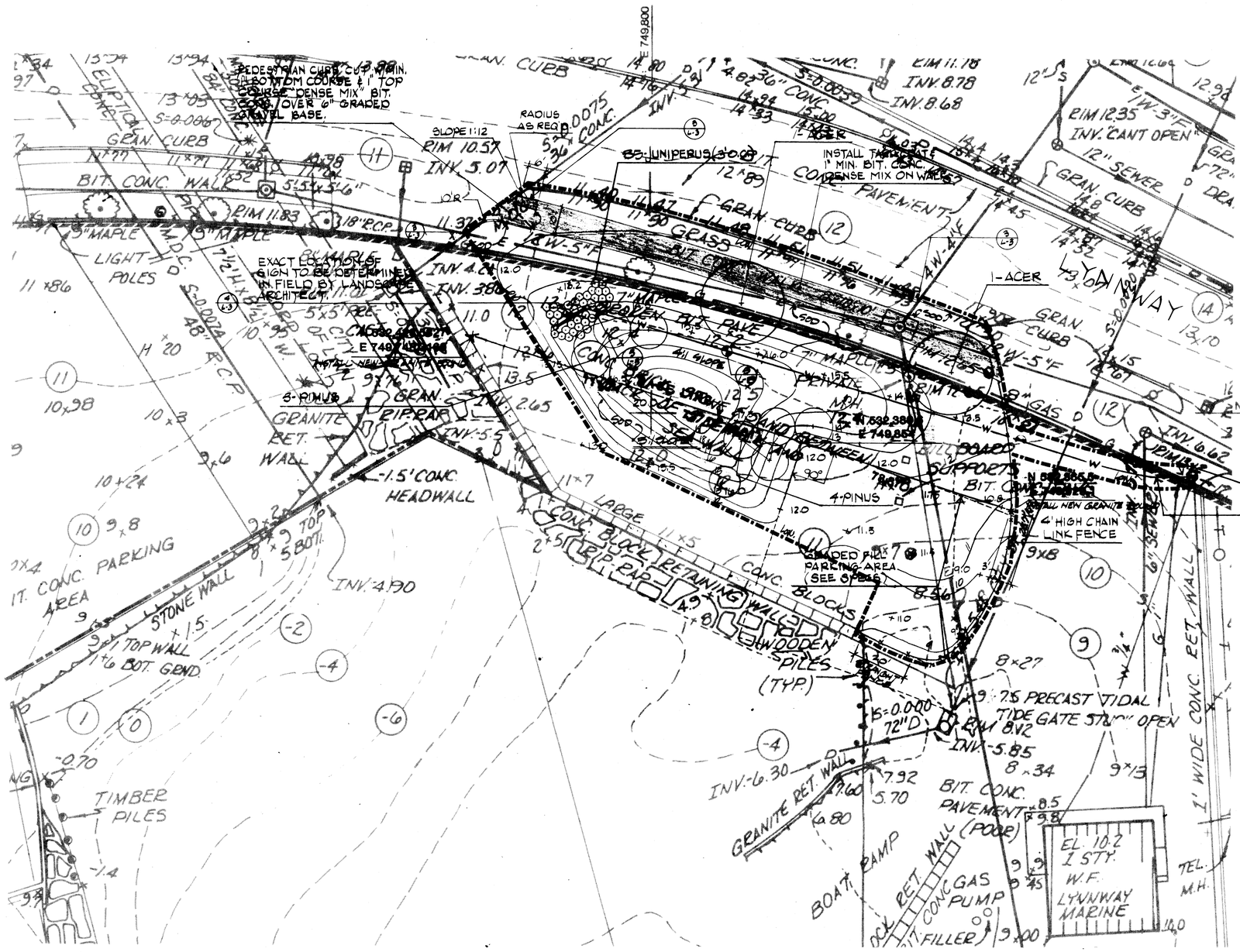
Moriece and Gary, Inc. Landscape Architects
25 Mount Auburn Street Cambridge, Massachusetts 02138

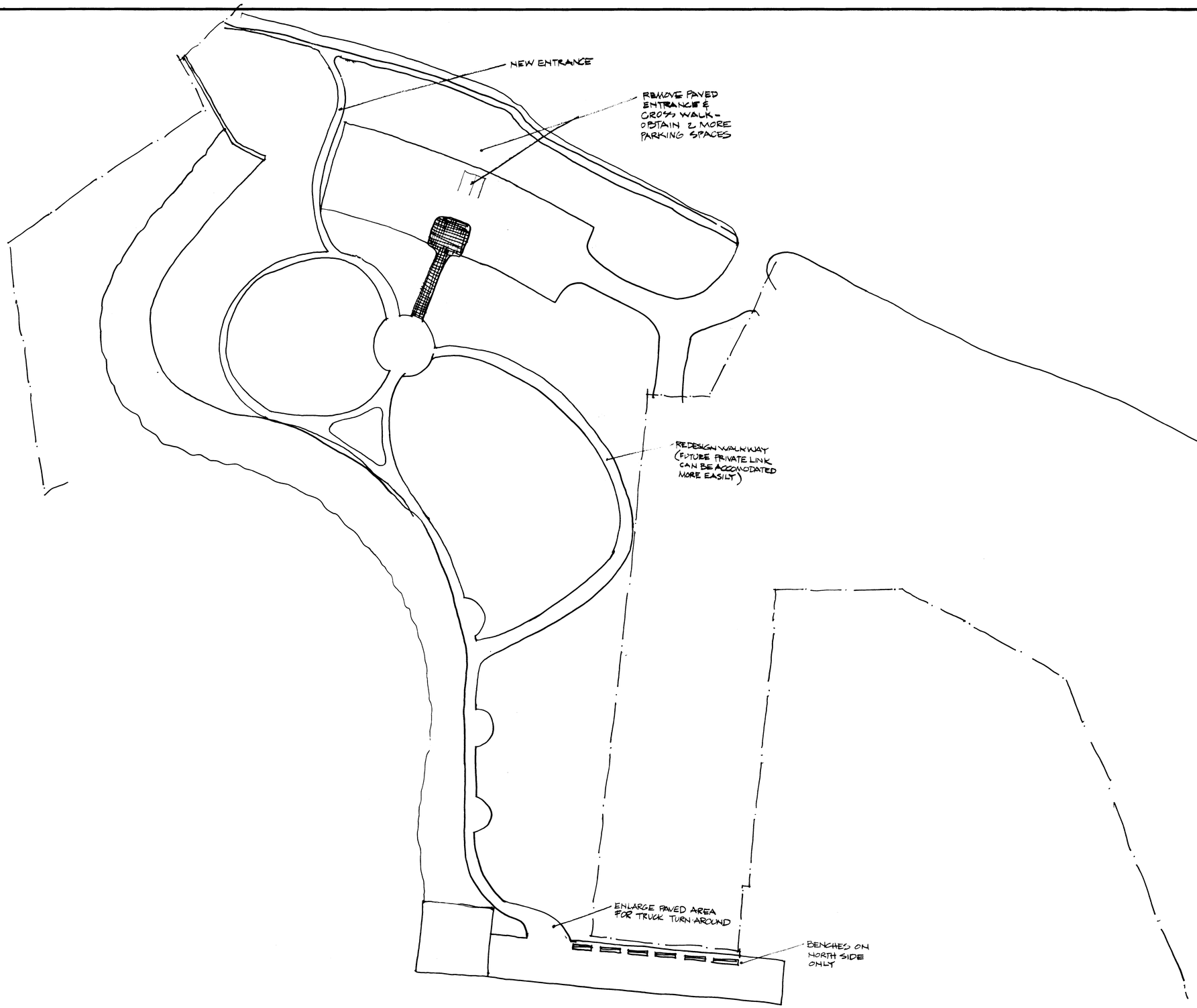
EXISTING CONDITIONS & SITE DEMOLITION PLAN

Dwg. L-1 Scale: 1"=20' Date: 8-21-81 REVISED 9/21/82

Contract Sheet 1 of 3

MASSACHUSETTS REGISTERED LANDSCAPE ARCHITECT NO. 139


E 749,800
PEDESTRIAN CURB, CUT WITH BOTTOM COURSE & 1" TOP COURSE DENSE MIX" BIT. CONC. OVER 6" GRADED GRAVEL BASE.
SLOPE 1:12
RADIUS AS REQ'D
5" CONC.
RIM 10.57
INV. 5.07
RIM 11.83
18" R.C.P.
INV. 4.26
INV. 3.80
EXACT LOCATION OF SIGN TO BE DETERMINED IN FIELD BY LANDSCAPE ARCHITECT.
5-PINUS
GRAN. RIP-RAP
INV. 5.5
48" R.C.P.
INV. 2.65
-1.5' CONC. HEADWALL
GRANITE RET. WALL
STONE WALL
1' TOP WALL
1'6 BOT. GRND.
BIT. CONC. PARKING AREA
TIMBER PILES
-0.70
-1.4
LIGHT POLES
5" MAPLE
8" MAPLE
BIT. CONC. WALK
GRAN. CURB
11x86
10x98
10x3
9x6
10x24
9x8
11x7
LARGE CONC. BLOCK RETAINING WALL
INV. 4.90
WOODEN PILES (TYP.)
INSTALL TAPER FROM 1" MIN. BIT. CONC. COMPOSE MIX ON WALK
85-JUNIPERUS CHINENSIS SARGENTI
12"x89
GRAN. CURB
BIT. CONC. PAVEMENT
GRASS
11.50
11.47
11.48
11.51
11.46
11.37
11.40
11.30
11.0
11.5
12.0
12.5
13.0
13.5
14.0
14.5
15.0
15.5
16.0
16.2
16.5
17.0
17.5
18.0
18.2
18.5
19.0
19.5
20.0
20.5
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32.5
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34.5
35.0
35.5
36.0
36.5
37.0
37.5
38.0



Commonwealth of Massachusetts
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Division of Forests and Parks

LYNN HERITAGE STATE PARK

CHANGES TO PHASE I, PART B - REDESIGN

Dwg.	Scale: 1" = 40'	Date: 5/24/82
Contract		Sheet of

OCE 020

LYNN DEPARTMENT OF COMMUNITY DEVELOPMENT
LYNN PLANNING DEPARTMENT
&
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
COMMONWEALTH OF MASSACHUSETTS

LYNN URBAN HERITAGE STATE PARK

PHASE 3A

Governor
EDWARD J. KING

Mayor
ANTONIO J. MARINO

Environmental Affairs
JOHN A. BEWICK, Secretary

Lynn Department of Community Development
EDWARD T. CALNAN, Executive Director

City Council
CHARLES J. GAETA, President

NORMAN R. COLE
RICHARD J. COPPINGER
ALBERT V. DiVIRGILIO
MICHAEL T. KWIATEK
JOHN F. O'DONNELL
RAYMOND F. REARDON
PAUL R. ST. LAURENT
JOSEPH E. SCANLON III
JOSEPH S. SPINA
ROBERT F. TUCKER

Department of Environmental Management
WILLIAM F.M. HICKS, Commissioner

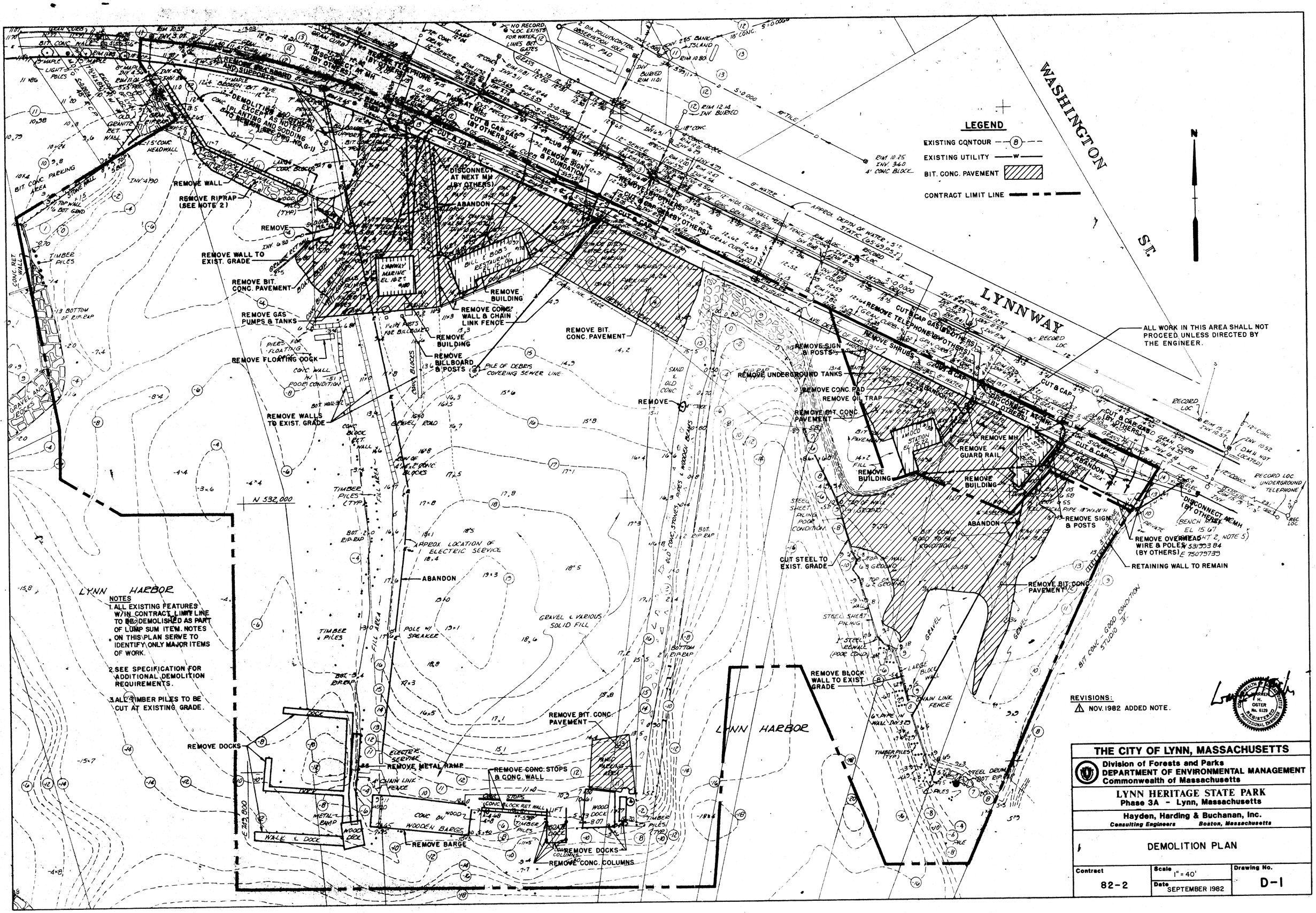
Lynn Planning Department
KEVIN R. GEANEY, Director

HAYDEN, HARDING & BUCHANAN, INC.
Consulting Engineers

CAROL R. JOHNSON & ASSOCIATES, INC.
Landscape Architects

INDEX OF DRAWINGS

DRAWING NO.	DESCRIPTION	DRAWING NO.	DESCRIPTION	DRAWING NO.	DESCRIPTION	DRAWING NO.	DESCRIPTION
D-1	DEMOLITION PLAN	SW-2	WHARF/INFORMATION WHARF PLAN	SW-8	RAILING and SHADE SHELTER DETAILS	DG-1	DREDGE / FILL PLAN
		SW-3	WHARF - FRAMING and DETAILS	SW-9	RETAINING WALL No. 2 SHADE SHELTER COLUMN DETAILS	DG-2	DREDGE DISPOSAL & STORAGE DETAILS
G-1	PLOT PLAN	SW-4	INFORMATION WHARF FRAMING and DETAILS	SW-10	DRAINAGE DETAILS		
G-2	SITE LAYOUT	SW-5	WHARF DETAILS/RETAINING WALL No. 1	SW-11	PADDLE BOAT DOCK DETAILS	B-1	BORING LOCATION PLAN
		SW-6	WHARF/INFORMATION WHARF SECTIONS	SEC-1	SEDIMENTATION and EROSION CONTROL PLAN		
SW-1	TYPICAL SECTIONS RIPRAP SLOPE EMBANKMENT	SW-7	SHADE SHELTER FRAMING and DETAILS	SEC-2	SEDIMENTATION and EROSION CONTROL DETAILS		



NOTES

1. ALL EXISTING FEATURES W/IN CONTRACT LIMIT LINE TO BE DEMOLISHED AS PART OF LUMP SUM ITEM. NOTES ON THIS PLAN SERVE TO IDENTIFY ONLY MAJOR ITEMS OF WORK.
2. SEE SPECIFICATION FOR ADDITIONAL DEMOLITION REQUIREMENTS.
3. ALL TIMBER PILES TO BE CUT AT EXISTING GRADE.

REVISIONS:

⚠ NOV. 1982 ADDED NOTE.

COMMONWEALTH OF MASSACHUSETTS — WARREN H. OSTER No. 6129 — REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

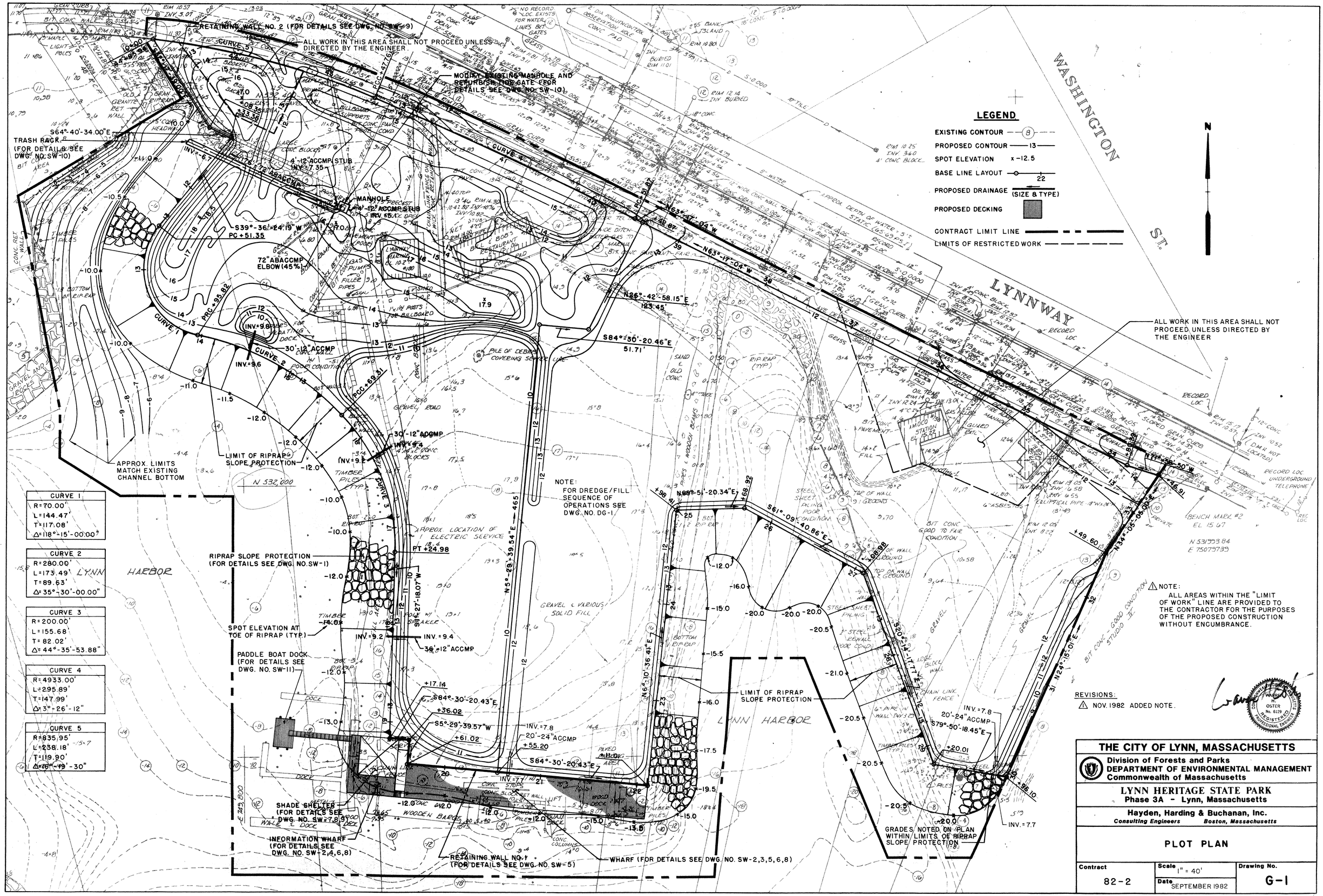
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers — Boston, Massachusetts

DEMOLITION PLAN

Contract	Scale	Drawing No.
82-2	1" = 40'	D-1
	Date SEPTEMBER 1982	



CURVE 1
R=70.00'
L=144.47'
T=117.08'
Δ=118°-15'-00.00"

CURVE 2
R=280.00'
L=173.49'
T=89.63'
Δ=35°-30'-00.00"

CURVE 3
R=200.00'
L=155.68'
T=82.02'
Δ=44°-35'-53.88"

CURVE 4
R=4933.00'
L=295.89'
T=147.99'
Δ=3°-26'-12"

CURVE 5
R=635.95'
L=238.18'
T=119.90'
Δ=[illegible]°-19'-30"

WARREN T. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS

THE CITY OF LYNN, MASSACHUSETTS

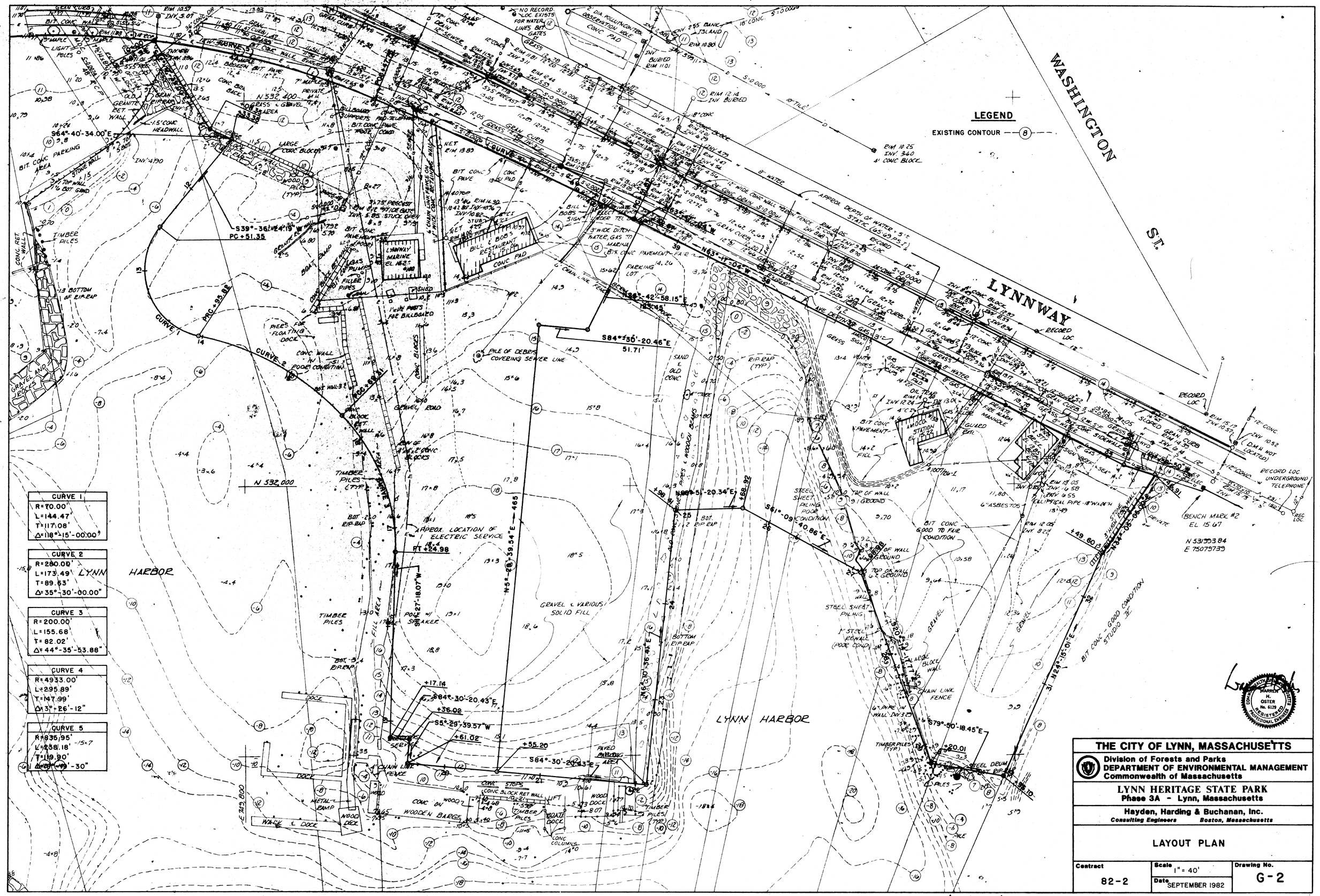
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

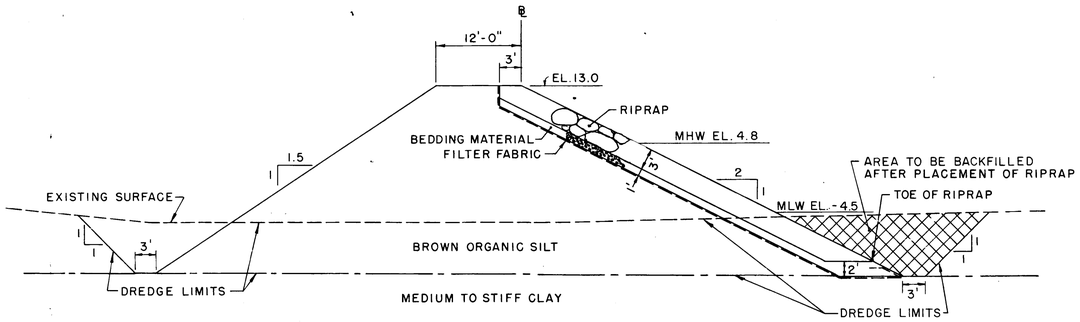
LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

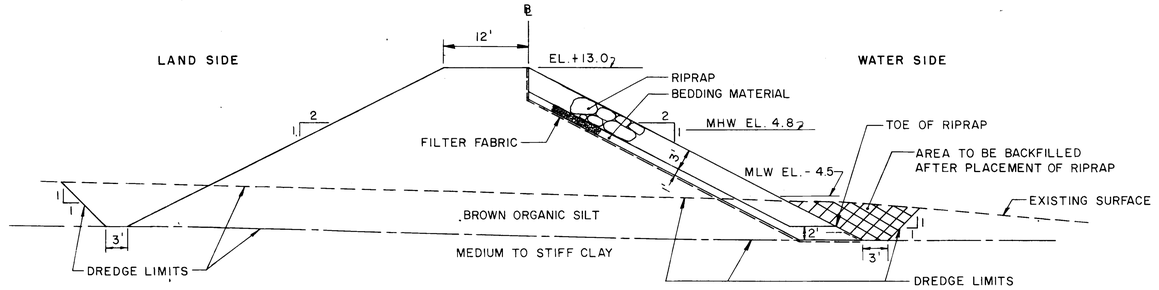
PLOT PLAN

Contract	Scale	Drawing No.
82-2	1" = 40'	G-1
	Date SEPTEMBER 1982	


LEGEND
EXISTING CONTOUR
WASHINGTON ST.
LYNNWAY
LYNN HARBOR
CURVE 1
R=70.00'
L=144.47'
T=117.08'
Δ=118°-15'-00.00"
CURVE 2
R=280.00'
L=173.49'
T=89.63'
Δ=35°-30'-00.00"
CURVE 3
R=200.00'
L=155.68
T=82.02'
Δ=44°-35'-53.88"
CURVE 4
R=4933.00'
L=295.89'
T=147.99'
Δ=3°-26'-12"
CURVE 5
R=835.95'
L=258.18'
T=119.80'
Δ=17°-41'-30"
S64°-40'-34.00"E
S39°-36'-24.15"W
PC+51.35
PRC+95.82
S84°-36'-20.46"E
51.71'
N63°-17'-04"W
N63°-42'-58.15"E
S84°-30'-20.43"E
S55°-29'-39.57"W
S84°-30'-20.43"E
N54°-05'-39.54"E
N63°-30'-36.44"E
S61°-09'-40.86"E
N24°-05'-20.34"E
N24°-15'-01"E
S79°-50'-18.45"E
N 532,000
E 149,800
BENCH MARK #2
EL 15.67
N 531353.84
E 750797.39
THE CITY OF LYNN, MASSACHUSETTS
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts
LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts
Hayden, Harding & Buchanan, Inc.
Consulting Engineers Boston, Massachusetts
LAYOUT PLAN
Contract 82-2
Scale 1" = 40'
Date SEPTEMBER 1982
Drawing No. G-2
WARREN H. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER



STATION 11 + 33 TO STATION 16 + 05

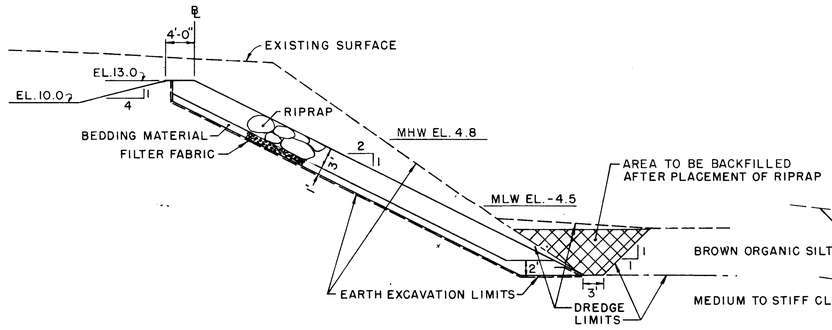


LAND SIDE

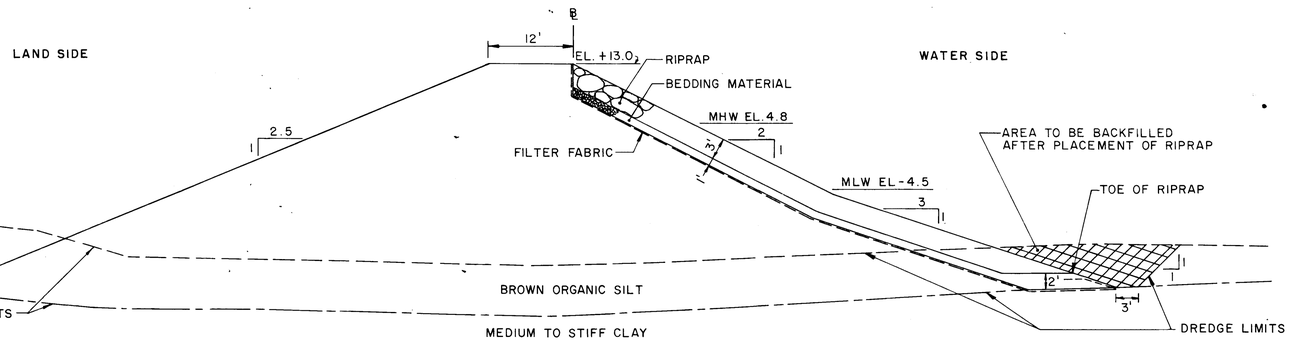
STATION 24 + 98 TO STATION 25 + 69
STATION 26 + 50 TO STATION 27 + 09

WATER SIDE

STATION 24 + 98 TO STATION 26 + 00
STATION 26 + 50 TO STATION 27 + 09



STATION 16 + 05 TO STATION 19 + 61

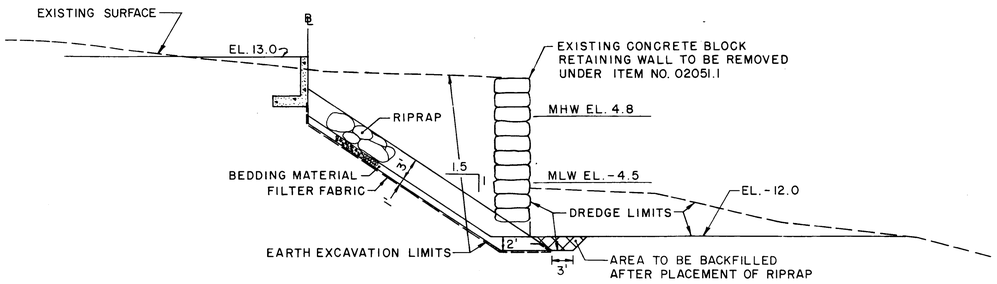


LAND SIDE

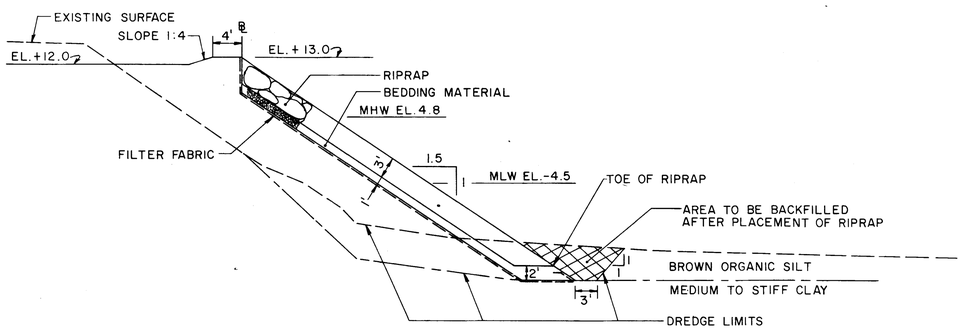
STATION 25 + 69 TO STATION 26 + 50

WATER SIDE

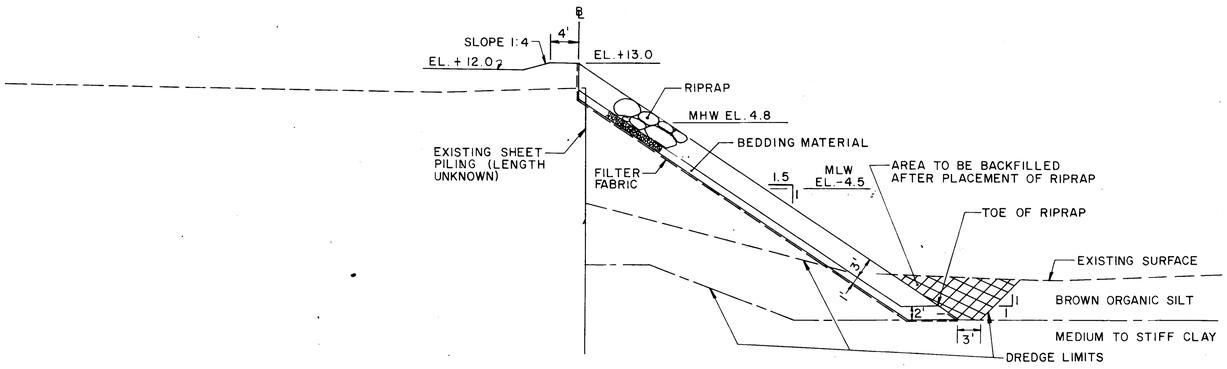
STATION 26 + 00 TO STATION 26 + 50



STATION 19 + 61 TO STATION 22 + 11



STATION 22 + 11 TO STATION 24 + 98



STATION 27 + 09 TO STATION 29 + 96

NOTES:
1. ELEVATIONS REFER TO N. G. V. D. DATUM
2. FOR STATION 10+35.35 TO STATION 11 + 33 SEE DWG. NO. SW - 9 RETAINING WALL NO. 2

WARREN H. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

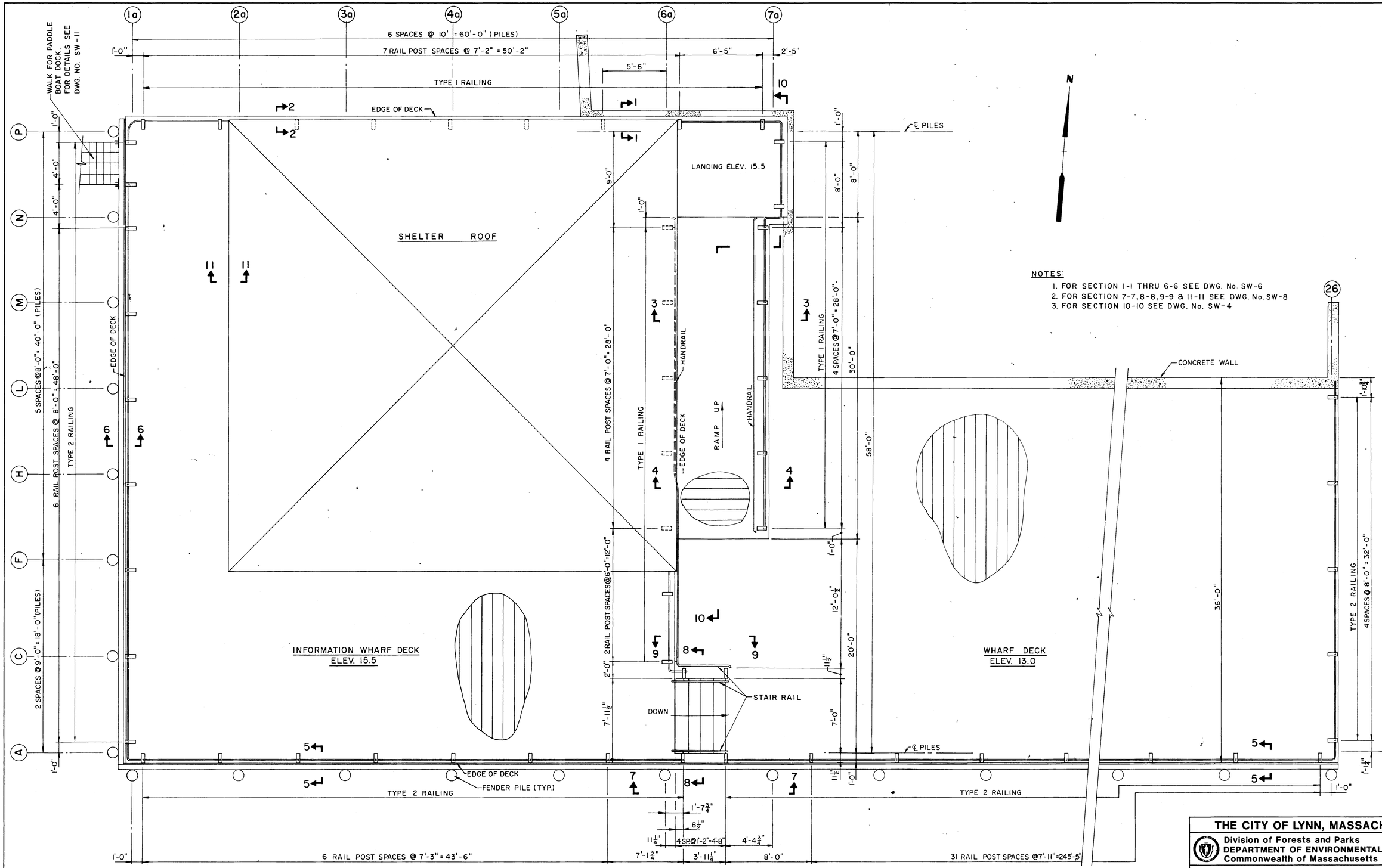
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

TYPICAL SECTIONS
RIPRAP SLOPED EMBANKMENT

Contract	Scale	Drawing No.
82-2	1" = 10'	SW-1
	Date SEPTEMBER 1982	



NOTES:

1. FOR SECTION 1-1 THRU 6-6 SEE DWG. No SW-6
2. FOR SECTION 7-7, 8-8, 9-9 & 11-11 SEE DWG. No. SW-8
3. FOR SECTION 10-10 SEE DWG. No. SW-4

PLAN OF WHARF / INFORMATION WHARF

SCALE $\frac{1}{4}$" = 1'-0"

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

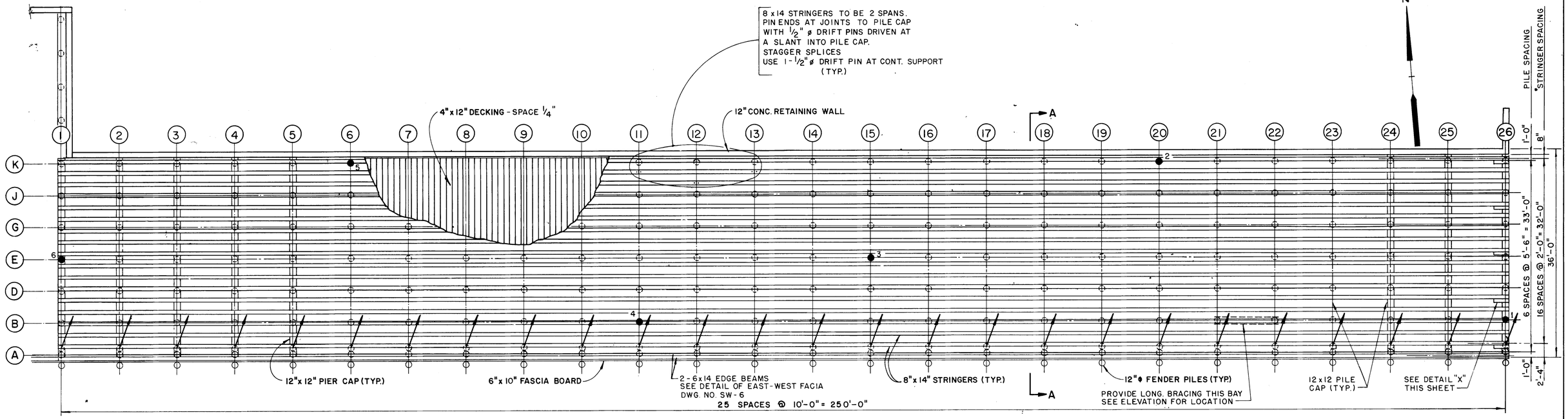
LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

WHARF / INFORMATION WHARF
PLAN

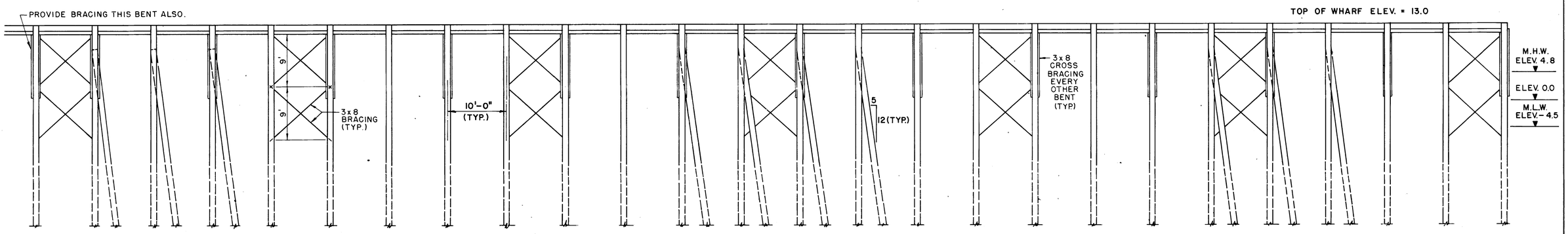
Contract	Scale	Drawing No.
82-2	AS NOTED	SW-2
	Date SEPTEMBER 1982	

WARREN H. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS



PLAN

1/8" = 1'-0"

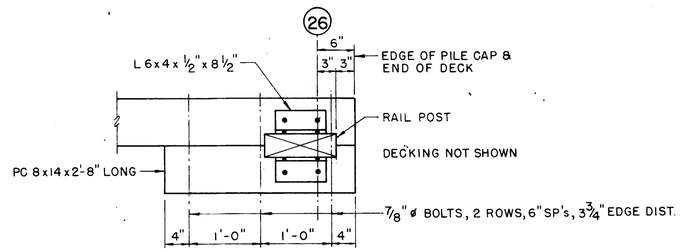


ELEVATION

1/8" = 1'-0"

NOTES

1. ALL PILES TO BE DRIVEN TO 15 TON CAPACITY UNLESS OTHERWISE INDICATED.
2. SYMBOL ② ● DENOTES TEST PILE LOCATION AND NUMBER
3. PILE LENGTHS FOR TEST PILE NUMBERS 1 & 4 IS 60 FEET, FOR 2 & 5 IS 35 FEET, FOR 3 & 6 IS 50 FEET.
4. SEE SECTION A-A DWG. SW-5 FOR TYP. 3 x 8 BRACING CONNECTION.



PLAN

DETAIL X

NOT TO SCALE

M. OSTER No. 5125 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

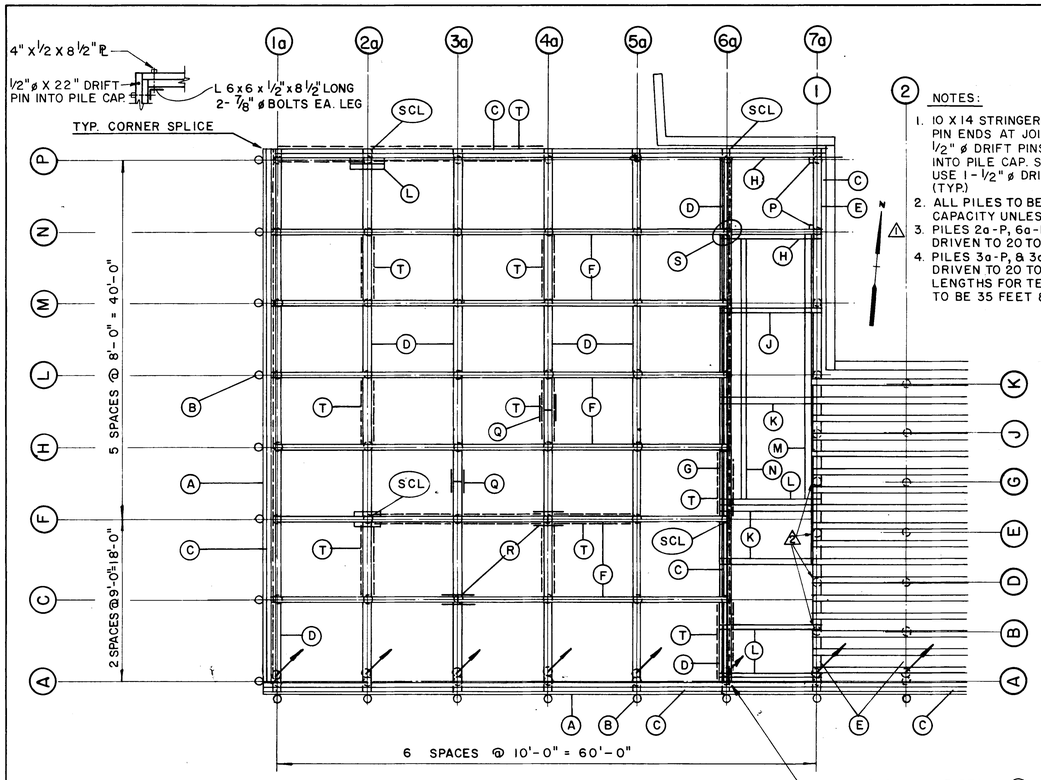
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

WHARF-FRAMING DETAILS

Contract	Scale	Drawing No.
82-2	AS NOTED	SW-3
	Date SEPTEMBER 1982	

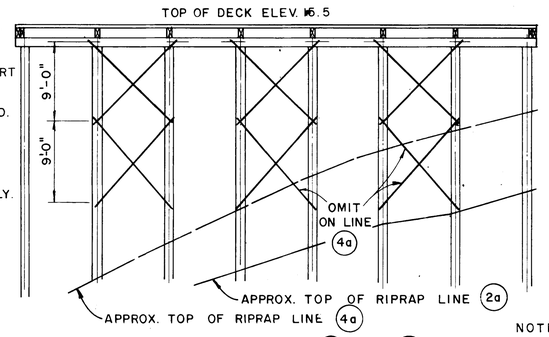


INFORMATION WHARF FRAMING PLAN

1/8" = 1'-0"

NOTES:

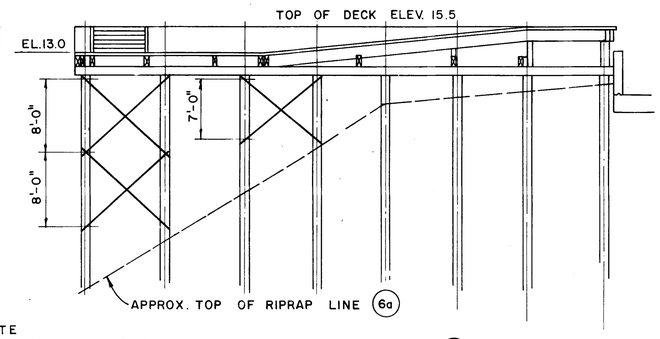
1. 10 X 14 STRINGERS TO BE 2 & 3 SPANS. PIN ENDS AT JOINTS TO PILE CAP WITH 1/2" ø DRIFT PINS DRIVEN AT A SLANT INTO PILE CAP. STAGGER SPLICES USE 1 - 1/2" ø DRIFT PIN AT CONT. SUPPORT (TYP.)
2. ALL PILES TO BE DRIVEN TO 15 TON CAPACITY UNLESS OTHERWISE INDICATED.
3. PILES 2a-P, 6a-P, 2a-F, & 6a-F TO BE DRIVEN TO 20 TON CAPACITY.
4. PILES 3a-P, & 3a-F TO BE TEST PILES DRIVEN TO 20 TON CAPACITY. PILE LENGTHS FOR TEST PILES 3a-P & 3a-F TO BE 35 FEET & 60 FEET RESPECTIVELY.



BRACING ON LINE 2a & 4a

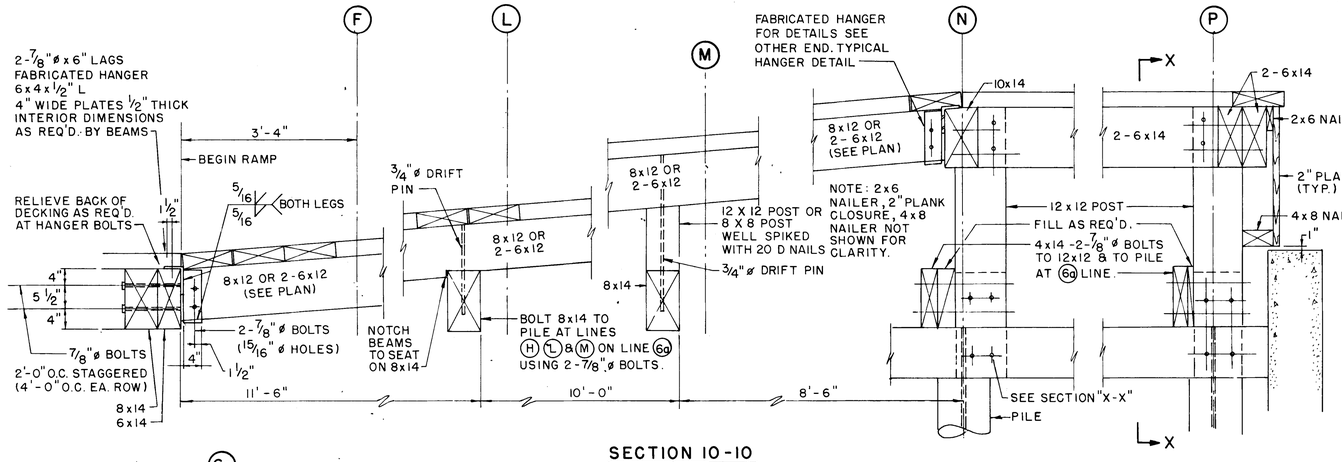
1/8" = 1'-0"

NOTE
ALL CROSS BRACING TO BE 3"x 8 (TYP)



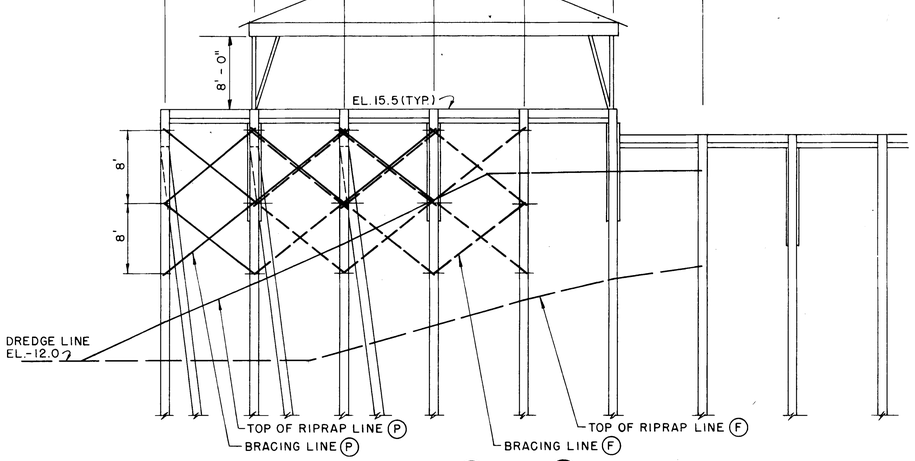
BRACING ON LINE 6a

1/8" = 1'-0"



SECTION 10-10

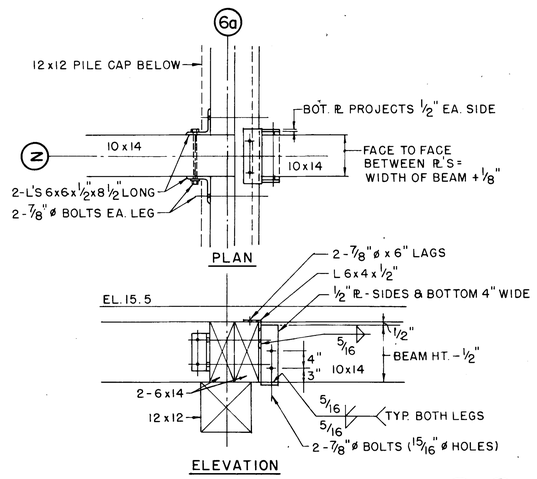
3/4" = 1'-0"



BRACING ON LINES (F) AND (P)

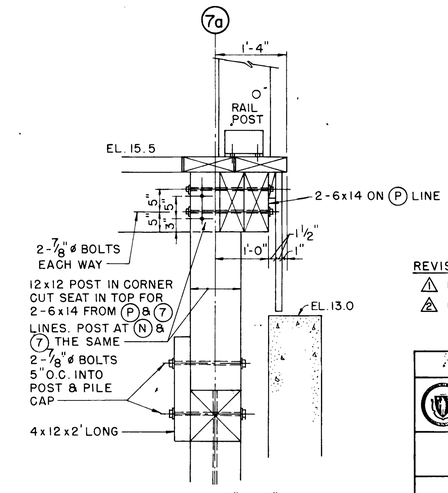
INFORMATION WHARF ELEVATION

1/8" = 1'-0"



TYPICAL HANGER DETAIL AND CONNECTION AT (6a) - (N)

3/4" = 1'-0"



SECTION "X-X"

3/4" = 1'-0"

- (A) 6x10 FACIA - CONTINUOUS
- (B) FENDER PILE
- (C) 2-6x14 EDGE BEAMS - CONTINUOUS
- (D) 12x12 PILE CAP - BOTTOM OF CAP EL. 13.125
- (E) 12x12 PILE CAP - BOTTOM OF CAP EL. 10.625
- (F) 10x14
- (G) 2-4x12, 1 EACH SIDE OF PILE, BOT. EL. 10.625
- (H) 1-4x14
- (J) 1-8x14
- (K) 8x14 - WHARF BEAM EXTENDED
- (L) 6x14
- (M) 2-6x12 RAMP EDGE BEAMS
- (N) 1-8x12 RAMP BEAM
- (P) 12x12 POST
- (Q) SPLICE IN 12x12 CAP - STAGGER LOCATION (TYP.)
- (R) SPLICE IN 10x14 - STAGGER LOCATION
- (S) FOR CONNECTION SEE DETAIL THIS DWG.
- (T) BRACING LOCATION SEE ELEVATION & SECTIONS
- (SCL) SHELTER COLUMN LOCATION - SEE DETAILS DWG. SW-9

REVISIONS:

1. NOV. 1982 ADDED NOTES 2, 3 & 4.
2. NOV. 1982 RELOCATED PILES.

COMMONWEALTH OF MASSACHUSETTS — WARREN H. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

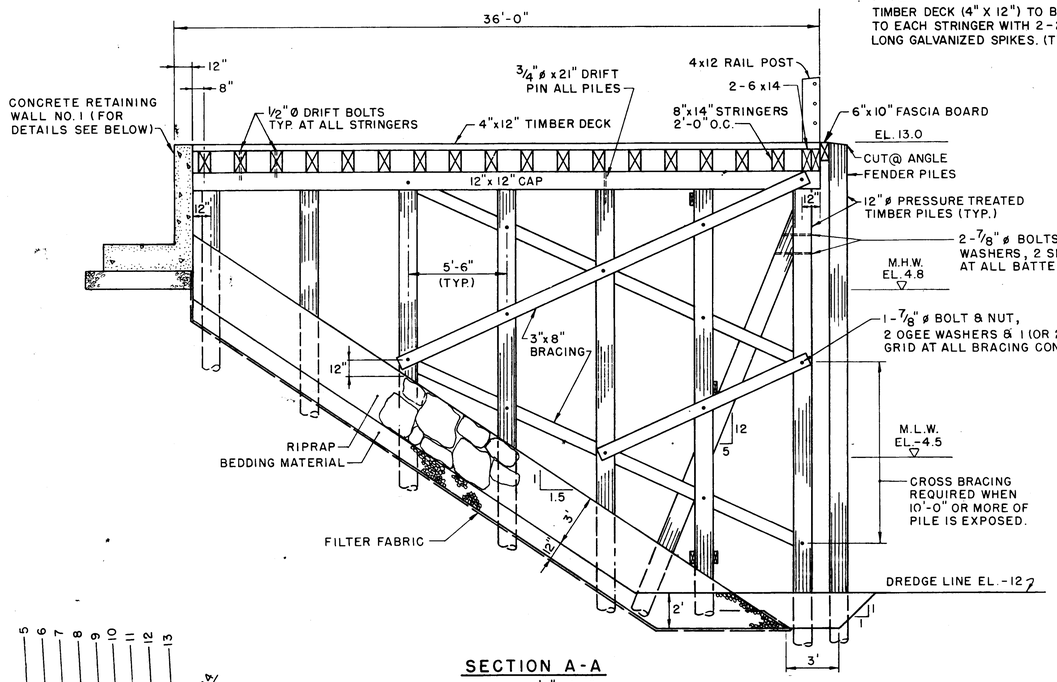
Division of Forests and Parks
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Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

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INFORMATION WHARF FRAMING and DETAILS

Contract	Scale	Drawing No.
82 - 2	AS NOTED	SW - 4
	Date SEPTEMBER 1982	

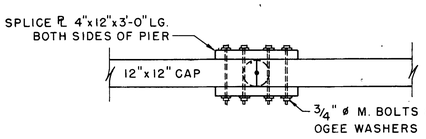


SECTION A-A

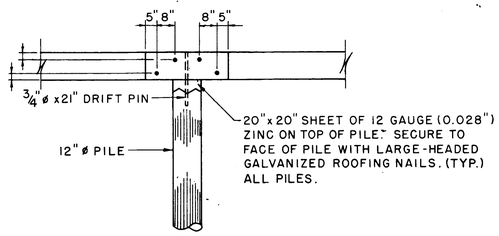
SCALE: 1/4"=1'-0"

NOTE

TIMBER DECK (4" X 12") TO BE NAILED TO EACH STRINGER WITH 2-20A. 7" LONG GALVANIZED SPIKES. (TYP.)



PLAN



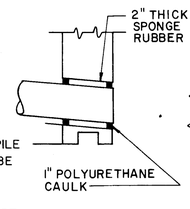
ELEVATION

CAP SPLICE DETAIL

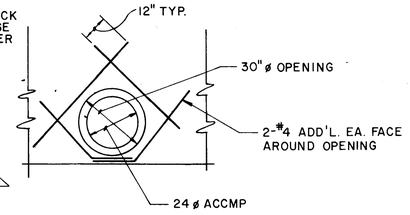
SCALE: 3/8"=1'-0"

SPLICE NOTES:

1. PILE CAP (12 X 12) ON LINES (1) THRU (26) TO BE KEPT FULL LENGTH. SPLICE AS SHOWN TO BE KEPT TO A MINIMUM AND TO BE USED ONLY WITH THE APPROVAL OF THE ENGINEER. WHERE SPLICE IS USED, LOCATE OVER PILE.
2. PILE CAP (12X12) ON LINES (1a) THUR (6a) TO BE SPLICED MID-WAY BETWEEN PILE SPACING AND STAGGERED AS SHOWN ON PLAN DWG. NO. SW-4. SPLICES TO BE KEPT TO A MINIMUM AND APPROVED BY ENGINEER.
3. SPLICES FOR 10 X 14 ((R) DESIGNATION SHOWN ON DWG. NO. SW-4) TO BE LOCATED OVER PILE CAP AND STAGGERED AS SHOWN. SPLICES TO BE KEPT TO A MINIMUM AND APPROVED BY ENGINEER.



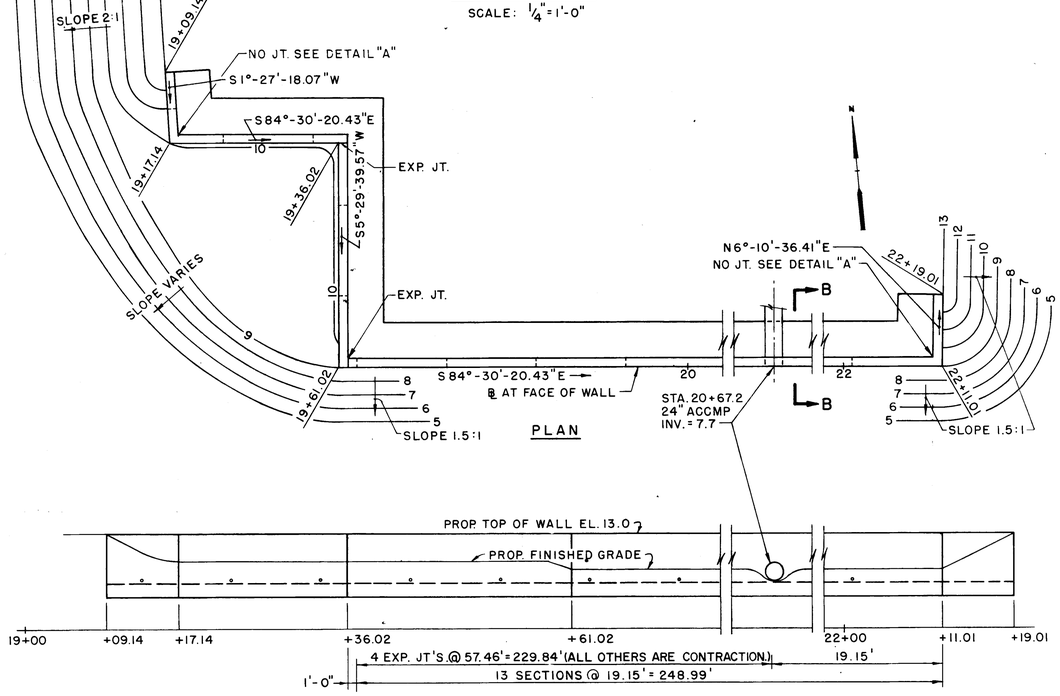
SECTION



ELEVATION

NOTES

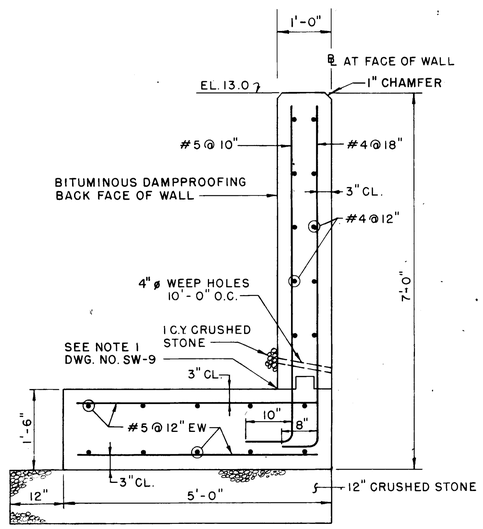
1. ALL STRUCTURAL STEEL TO CONFORM TO ASTM DESIGNATION A36.
2. ALL STRUCTURAL STEEL AND BOLTING TO BE HOT DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 OR A153 AS APPLIES.
3. ALL TIMBER TO BE DOUGLAS FIR OR SOUTHERN YELLOW PINE GRADED FOR NOT LESS THAN 1600 PSI, PENTA, ACA, OR CCA PRESSURE TREATED - SEE SPECIFICATIONS.
4. ALL PILES TO BE SOUTHERN YELLOW PINE CREOSOTE PRESSURE TREATED. SEE SPECIFICATIONS.
5. LIVE LOADS: INFORMATION WHARF 150 P.S.F. MAIN WHARF AASHTO H20



PLAN

CONCRETE RETAINING WALL NO. 1

SCALE: 1" = 8'



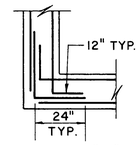
SECTION B-B

SCALE: 3/4" = 1'-0"

FOR CONCRETE WALL NOTES SEE DWG. SW-9

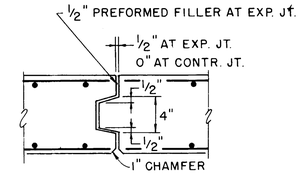
PIPE PENETRATION DETAIL

NOT TO SCALE



DETAIL "A"

NOT TO SCALE



REINFORCING TO BE DISCONTINUOUS AT BOTH EXP. & CONTRACTION JT'S.
KEY TO EXTEND TO WITHIN 1'-0" OF TOP OF WALL.
PREFORMED FILLER TO EXTEND TO TOP OF WALL.

RETAINING WALL NO. 1
EXPANSION & CONTRACTION JOINT DETAIL

NOT TO SCALE



THE CITY OF LYNN, MASSACHUSETTS

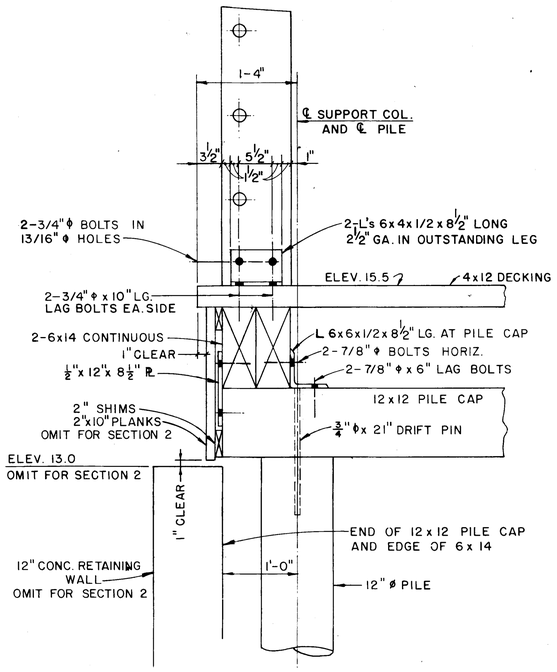
Division of Forests and Parks
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Commonwealth of Massachusetts

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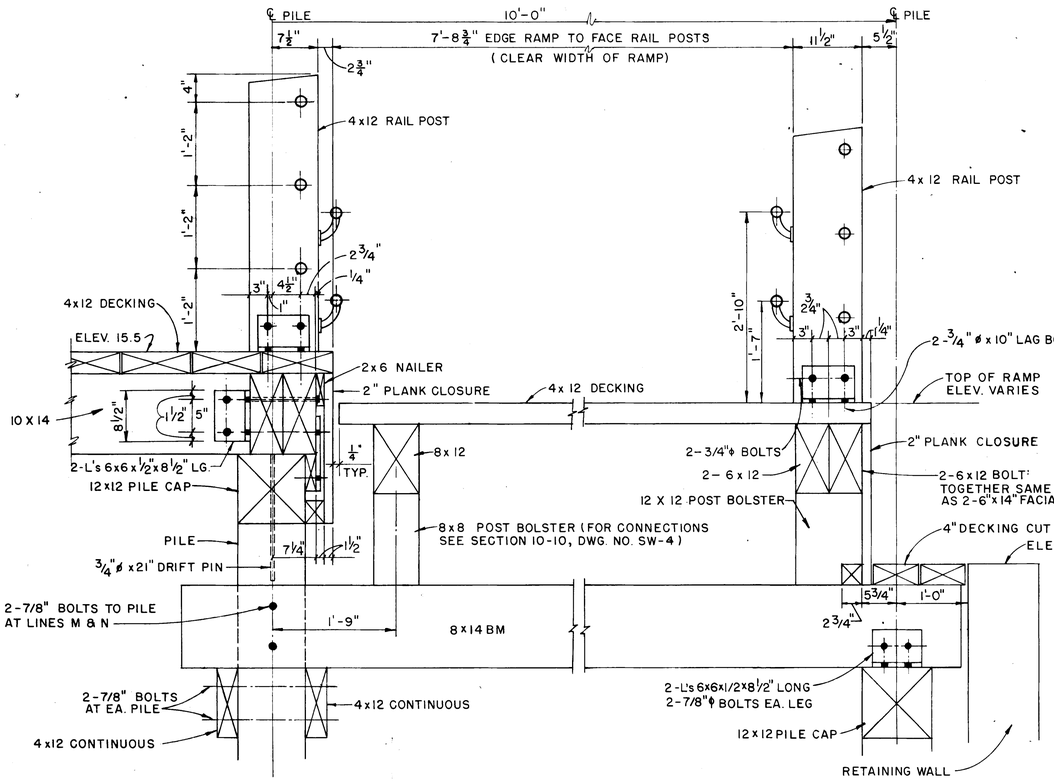
WHARF DETAILS
RETAINING WALL NO. 1

Contract	Scale	Drawing No.
82-2	AS NOTED	SW-5
	Date SEPTEMBER 1982	



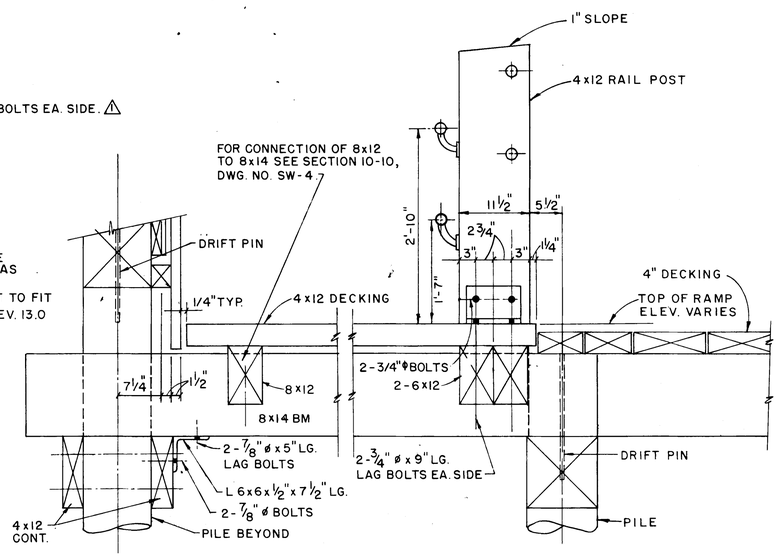
SECTION 1

SCALE 1" = 1'-0"



SECTION 3

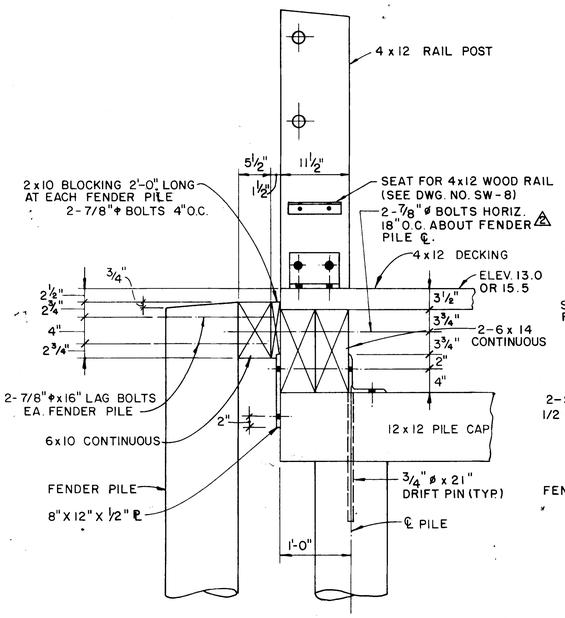
SCALE 1" = 1'-0"



SECTION 4

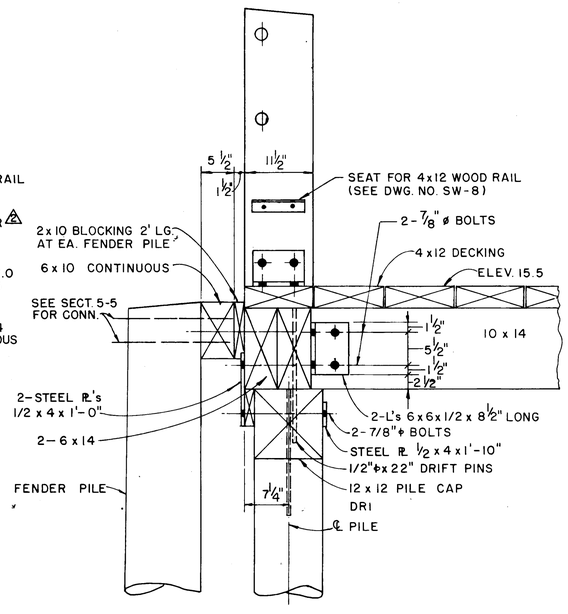
SCALE 1" = 1'-0"

SECTION 2 AS NOTED



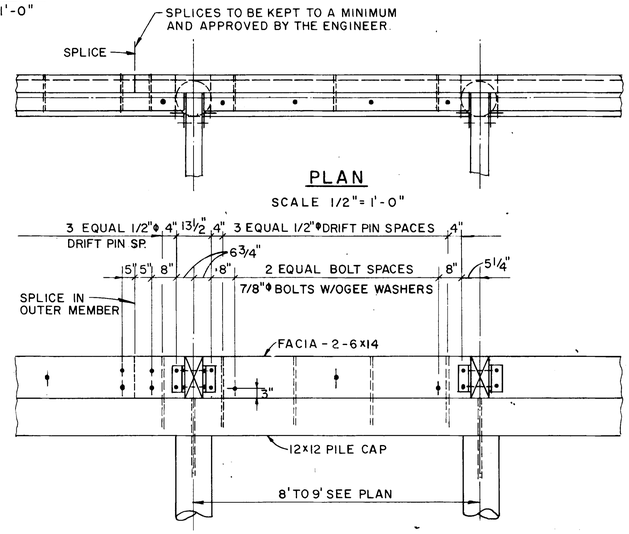
SECTION 5

SCALE 1" = 1'-0"



SECTION 6

SCALE 1" = 1'-0"

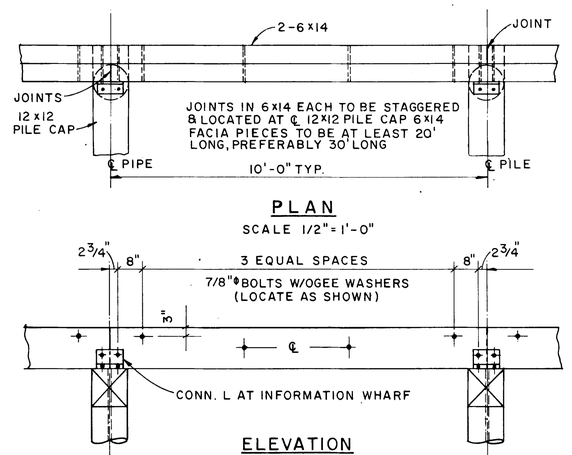


SECTION 3

SCALE 1" = 1'-0"

ELEVATION

TYPICAL DETAIL OF NORTH-SOUTH FACIA APPLIES TO INFORMATION WHARF



ELEVATION

TYPICAL DETAIL OF EAST-WEST FACIA APPLIES TO INFORMATION WHARF AND WHARF

REVISIONS:
⚠1 NOV. 1982 ADDED BOLTS
⚠2 NOV. 1982 ADDED BOLTS

COMMONWEALTH OF MASSACHUSETTS — WARREN H. OSTER No. 6129 — REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

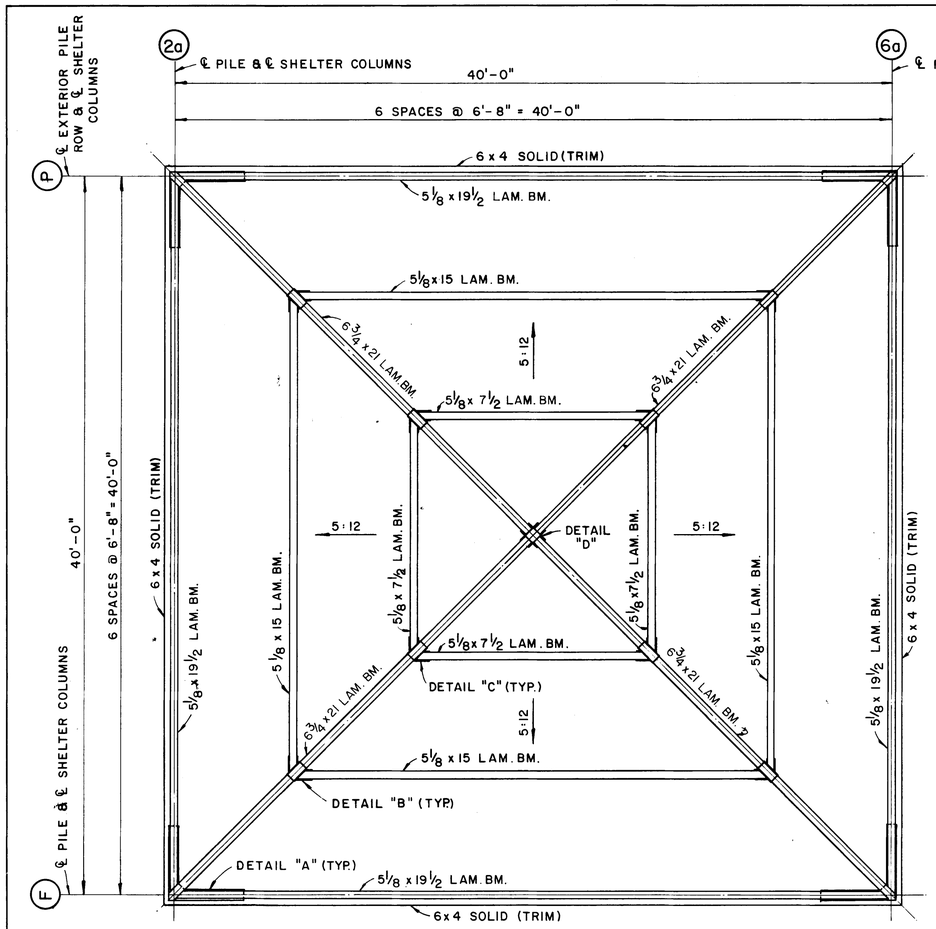
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Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

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WHARF/INFORMATION WHARF - SECTIONS

Contract	Scale	Drawing No.
82-2	AS NOTED	SW-6
	Date SEPTEMBER 1982	



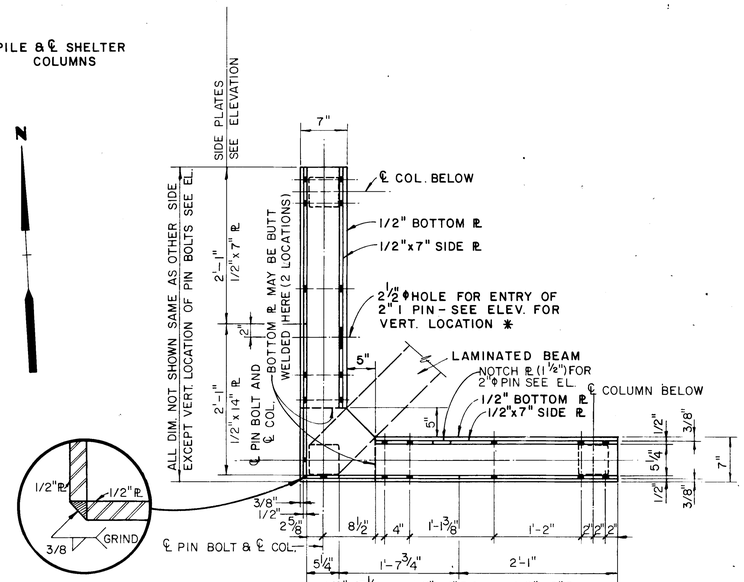
SHELTER ROOF FRAMING PLAN

1/4" = 1'-0"

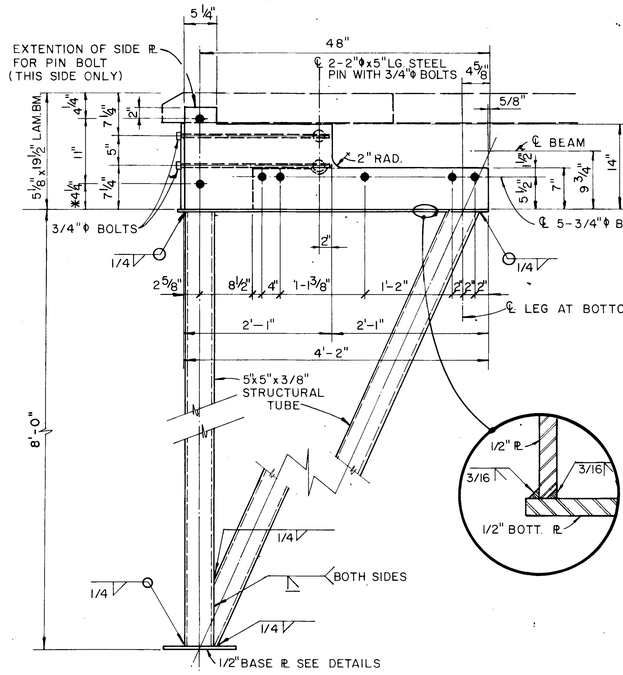
NOTE: LAMINATED BEAMS TO BE DOUGLAS FIR OR SOUTHERN PINE STRESS GRADED FOR NOT LESS THAN 2000 PSI.

CAMBER FOR LAMINATED BEAMS

5⅛" x 19½"	2"
5⅛" x 15"	⅞"
5⅛" x 7½"	⅛"
6¾" x 21"	3/4"



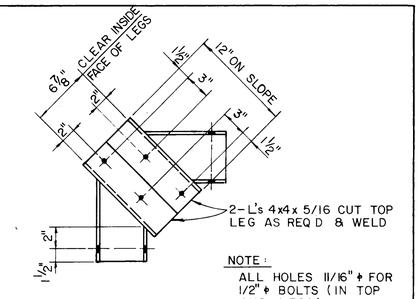
PLAN



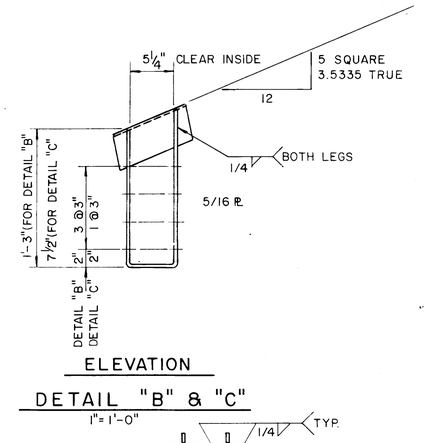
ELEVATION

DETAIL "A"

1" = 1'-0"



PLAN

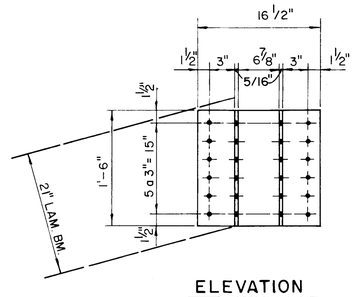


ELEVATION

DETAIL "B" & "C"

1" = 1'-0"

PLAN



ELEVATION

DETAIL "D"

1" = 1'-0"

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

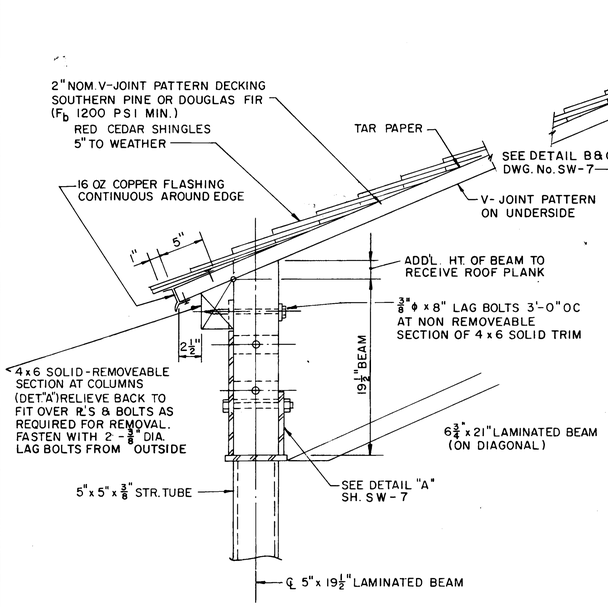
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SHADE SHELTER FRAMING & DETAILS

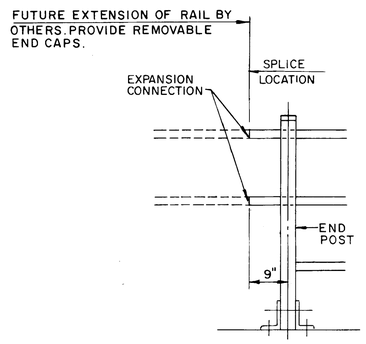
Contract	Scale	Drawing No.
82-2	AS NOTED	SW-7
	Date SEPTEMBER 1982	

COMMONWEALTH OF MASSACHUSETTS WARREN H. OSTER NO. 6129 REGISTERED PROFESSIONAL ENGINEER



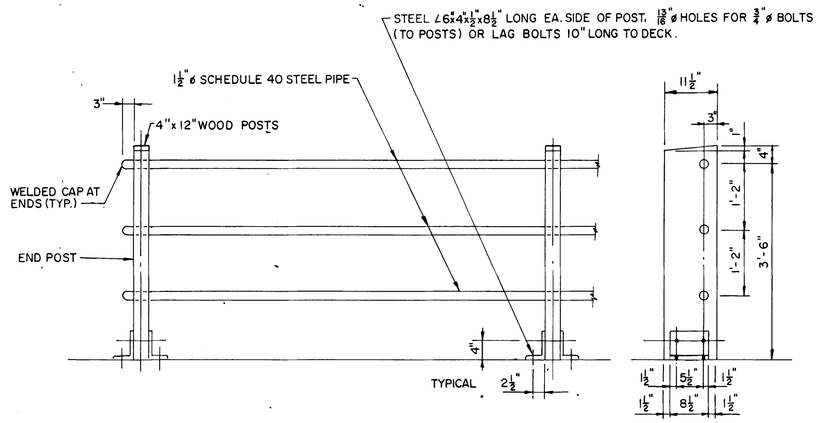
SECTION 11-11
EDGE OF SHELTER ROOF
SCALE 1 1/2" = 1'-0"

NOTE:
AT RIDGES USE "BOSTON TYPE" ALTERNATE OVERLAP DETAIL WITH SHINGLES 5" WIDE EACH SIDE OF RIDGE LINE.



AT FUTURE EXTENSION

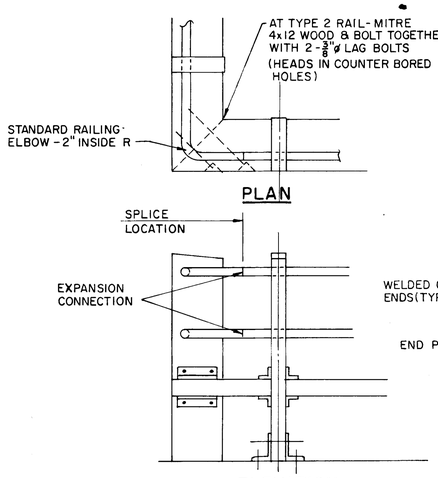
RAILING DETAILS



ELEVATION

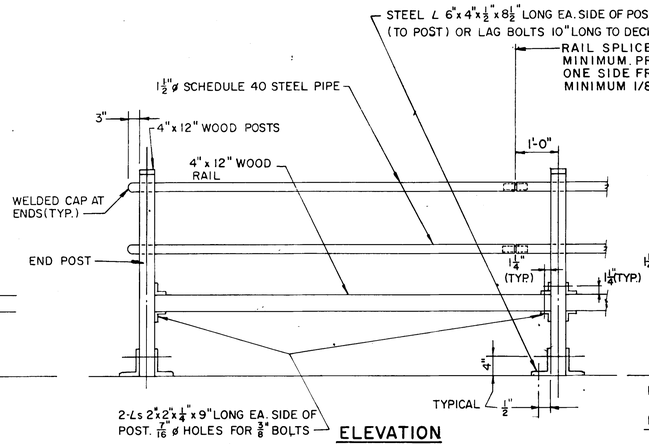
SECTION

DETAILS OF TYPE 1 RAILING
SCALE 3/4" = 1'-0"



PLAN

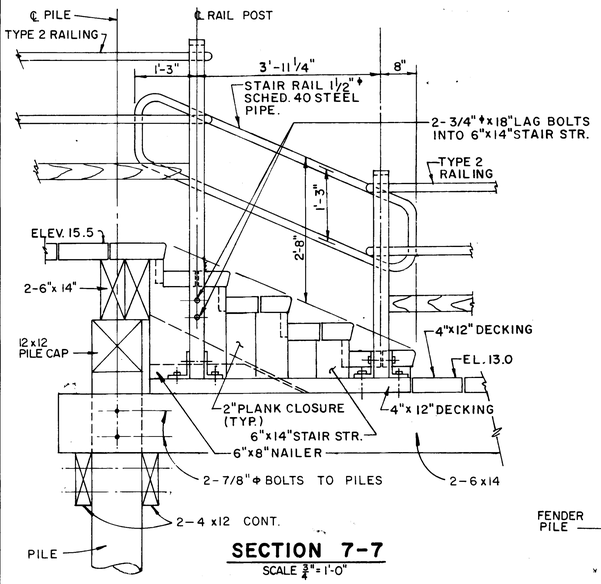
ELEVATION



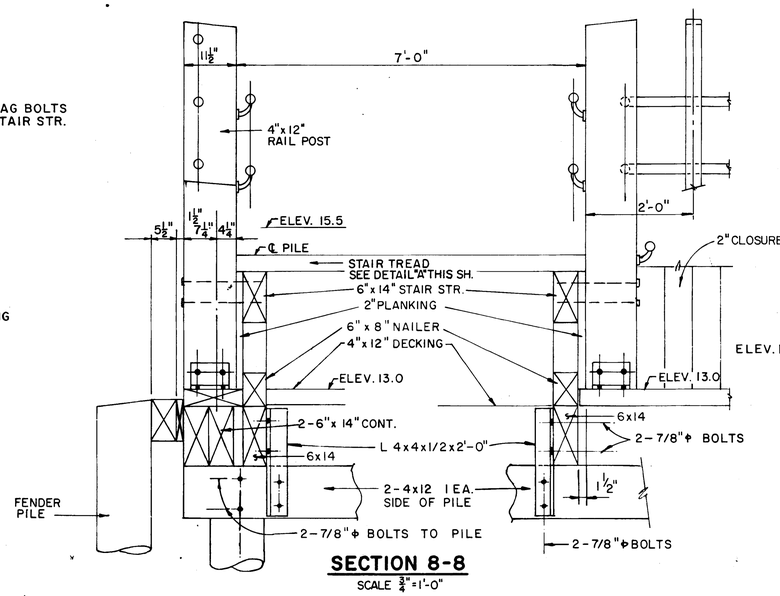
ELEVATION

SECTION

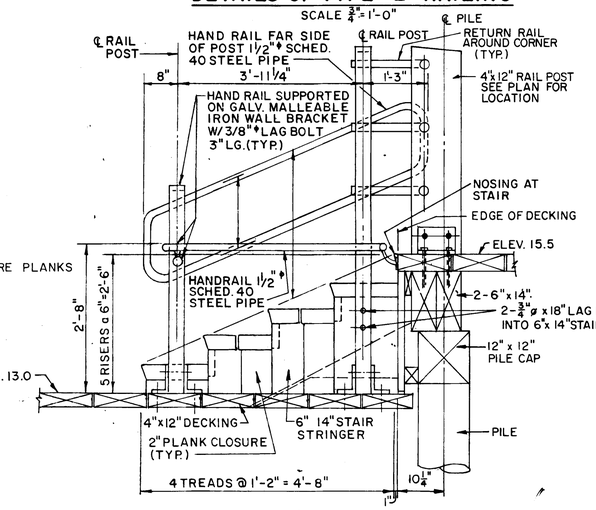
DETAILS OF TYPE 2 RAILING
SCALE 3/4" = 1'-0"



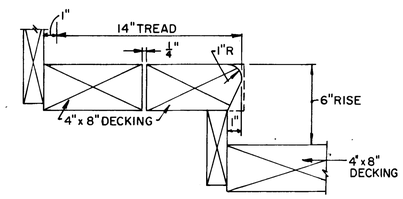
SECTION 7-7
SCALE 3/4" = 1'-0"



SECTION 8-8
SCALE 3/4" = 1'-0"



SECTION 9-9
SCALE 3/4" = 1'-0"



DETAIL "A"
NO SCALE

COMMONWEALTH OF MASSACHUSETTS
WARREN H. OSTER
No. 6129
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

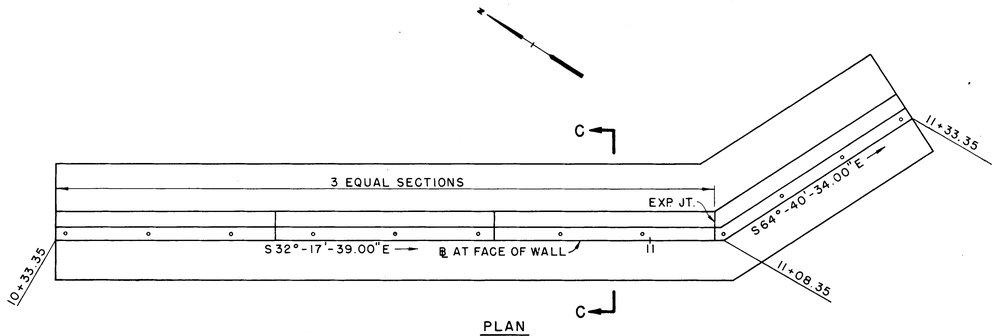
Division of Forests and Parks
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Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

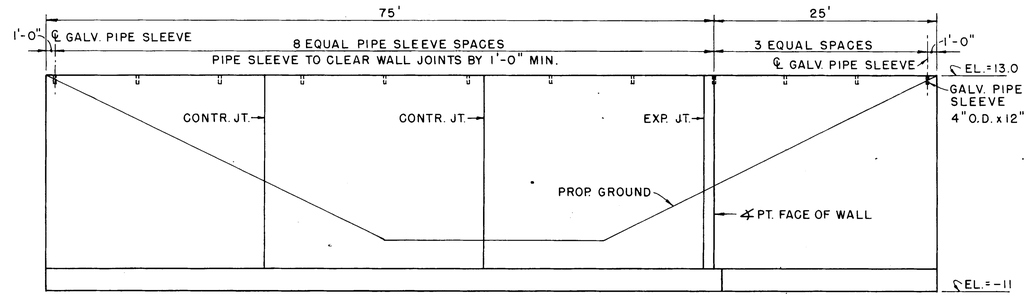
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Consulting Engineers *Boston, Massachusetts*

RAILING AND SHADE SHELTER-DETAILS

Contract	Scale	Drawing No.
82-2	AS NOTED	SW-8
	Date SEPTEMBER 1982	



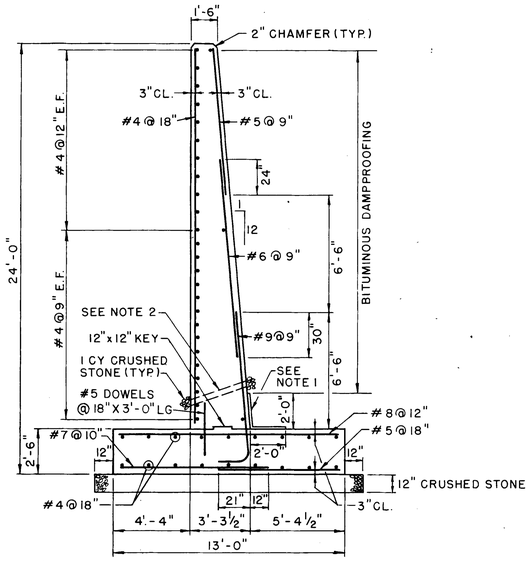
PLAN



ELEVATION

CONCRETE RETAINING WALL NO. 2

SCALE: 1" = 8'

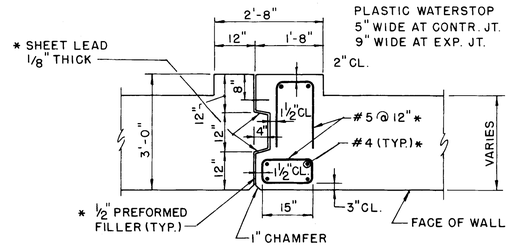


SECTION C-C

SCALE: ¼" = 1'-0"

NOTES:

1. MEMBRANE WATERPROOFING AND 8"x16"x2" CLASS D CEMENT CONCRETE MASONRY BLOCKS LAID IN MORTAR OR OTHER WATERPROOFING PROTECTIVE COURSE, MIN. 2" THICK, AS SPECIFIED IN MASS DPW SPECIFICATIONS.
2. 4" WEEP HOLE 10' O.C. (JUST ABOVE PROTECTIVE COURSE)
3. ALL CONCRETE TO BE CLASS "A". (f_c' = 4000 psi)
4. PIPE SLEEVES ARE TO BE 4" DIA. GALV. SCHED. 40 STEEL PIPE 12" LONG.
5. ALL REINFORCING STEEL TO CONFORM TO ASTM A615 GRADE 60.



NOTES

*1. OMIT REINFORCING, SHEET LEAD, PREFORMED FILLER AT CONTR. JT'S.

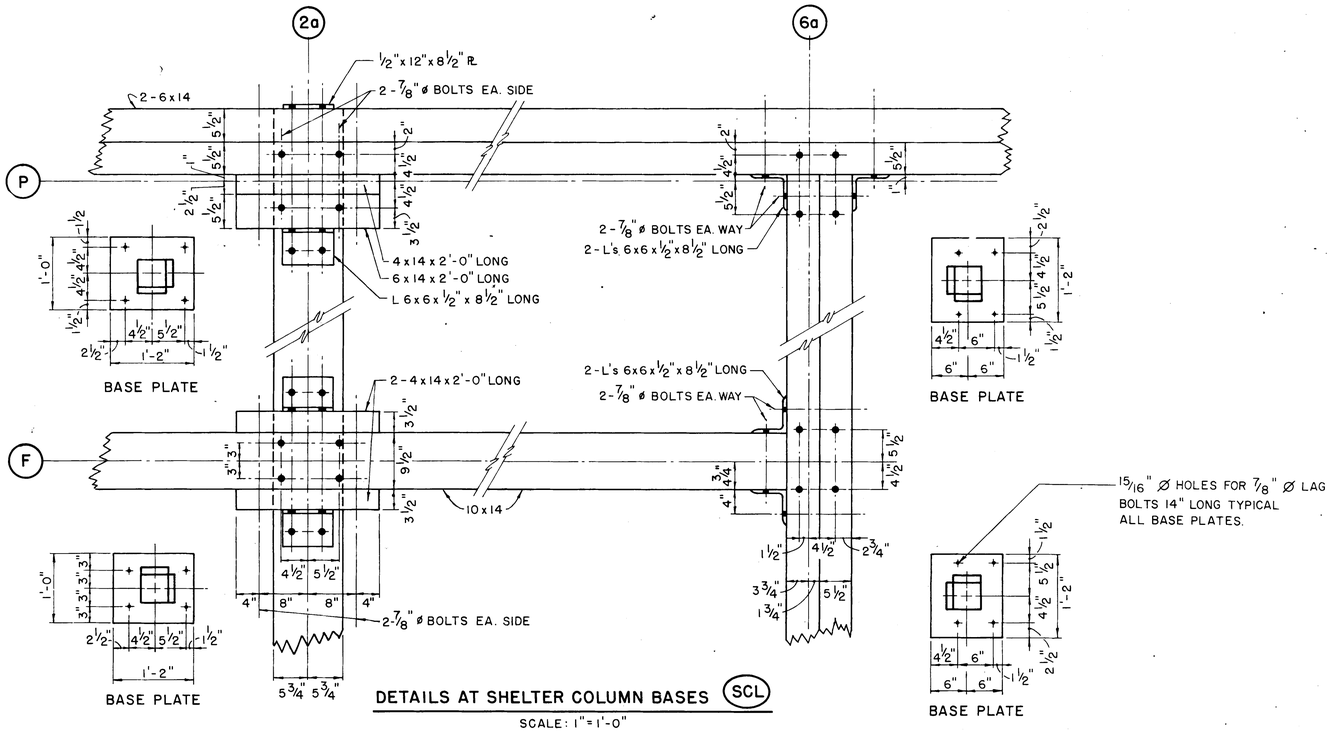
2. KEY SHALL TAPER FROM 12" TO 11".

3. KEY DETAIL TO STOP 2'-0" FROM TOP OF WALL. PREFORMED FILLER AT EXP. JT. TO EXTEND TO TOP OF WALL.

RETAINING WALL NO. 2

EXPANSION & CONTRACTION JOINT DETAIL

NOT TO SCALE



DETAILS AT SHELTER COLUMN BASES (SCL)

SCALE: 1" = 1'-0"

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THE CITY OF LYNN, MASSACHUSETTS

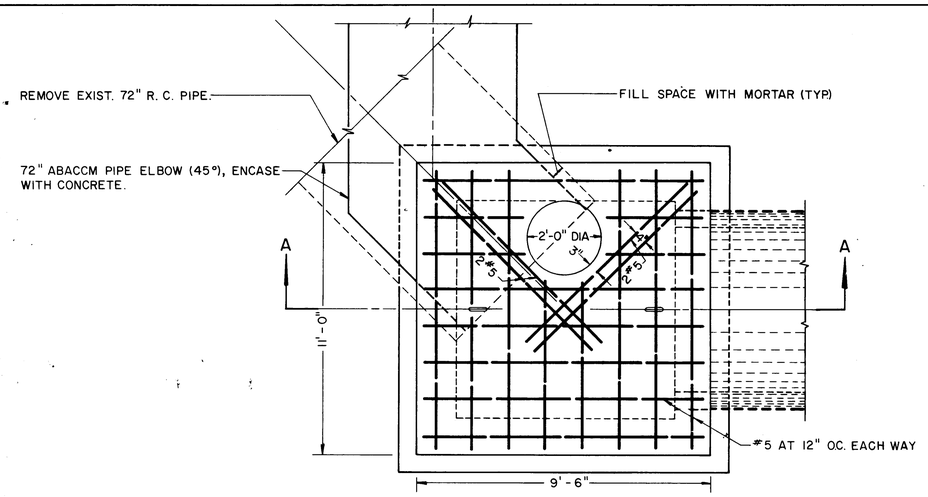
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

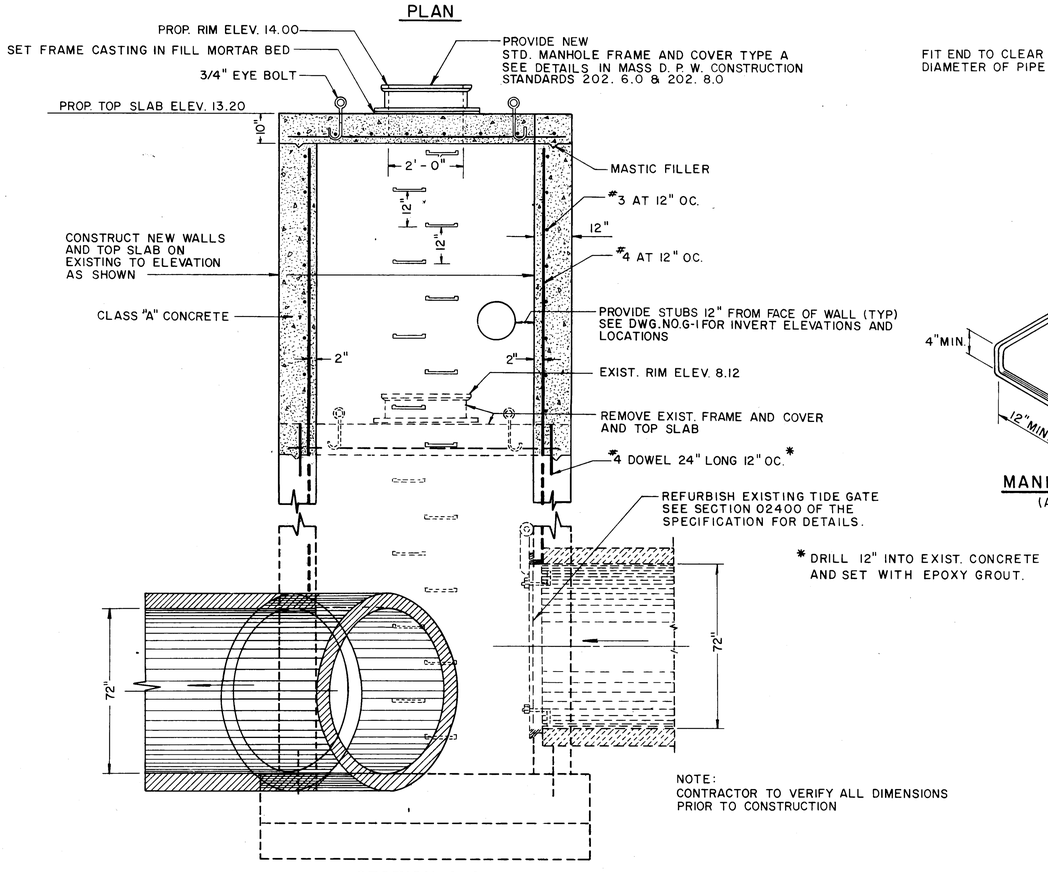
Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

RETAINING WALL NO. 2
SHADE SHELTER COLUMN DETAILS

Contract	Scale	Drawing No.
82-2	AS NOTED	SW-9
	Date SEPTEMBER 1982	



PLAN



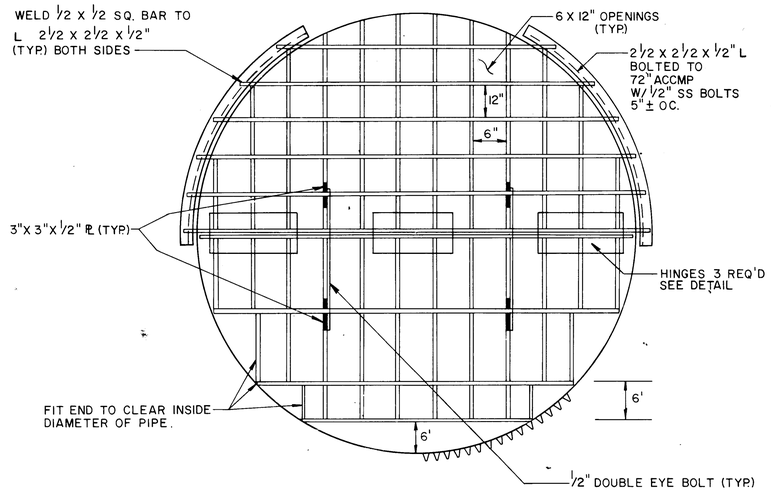
* DRILL 12" INTO EXIST. CONCRETE AND SET WITH EPOXY GROUT.

NOTE:
CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION

SECTION A-A

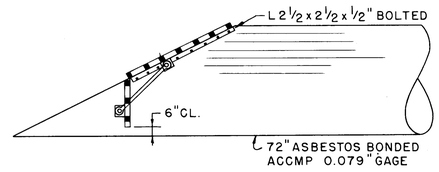
MANHOLE TYPE

NOT TO SCALE



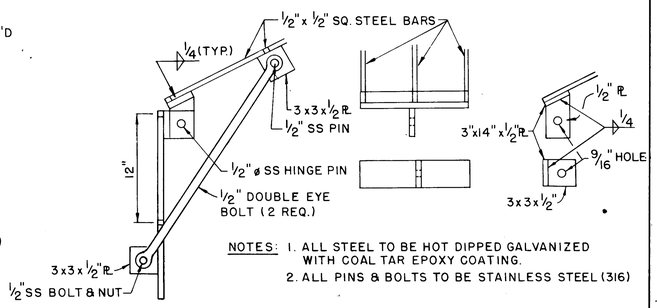
FRONT VIEW

SCALE: 1" = 1'-0"



SIDE VIEW

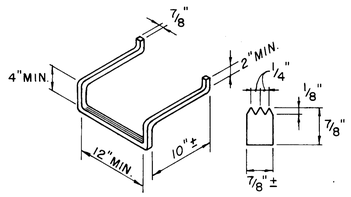
SCALE: ¼" = 1'-0"



NOTES: 1. ALL STEEL TO BE HOT DIPPED GALVANIZED WITH COAL TAR EPOXY COATING.
2. ALL PINS & BOLTS TO BE STAINLESS STEEL (316)

HINGE DETAILS

SCALE: 1½" = 1'-0"



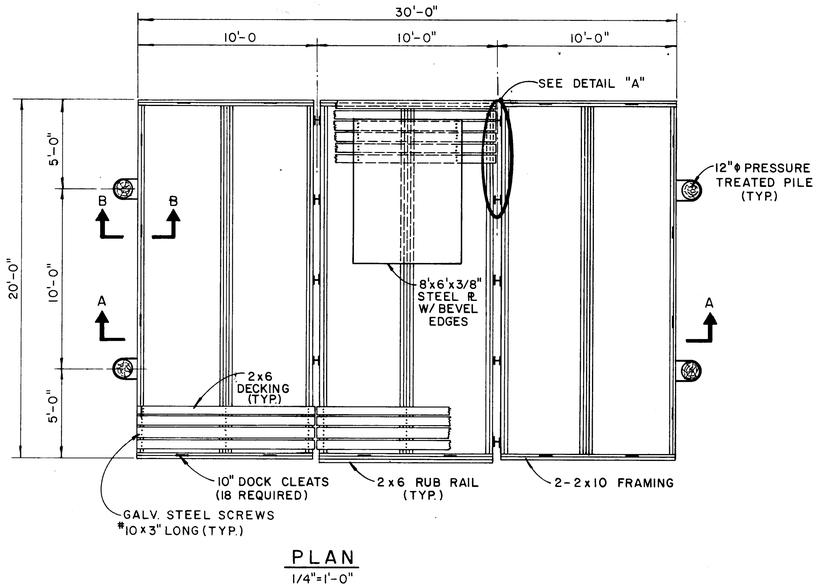
MANHOLE STEP

(ALUMINUM)

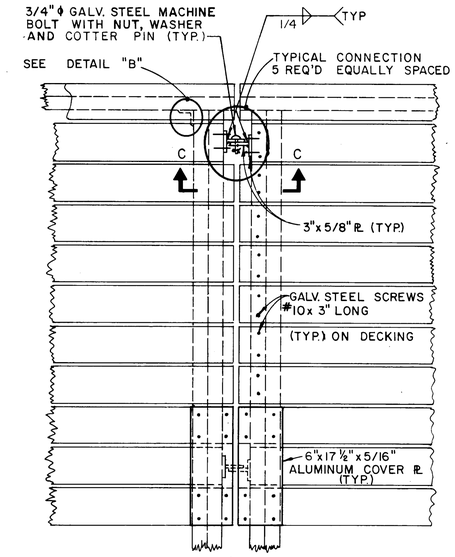
TRASH RACK



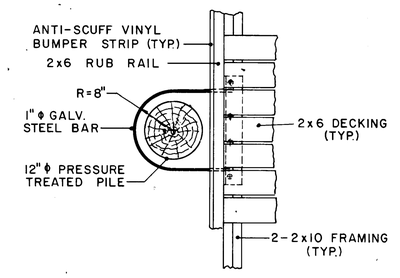
THE CITY OF LYNN, MASSACHUSETTS		
Division of Forests and Parks **DEPARTMENT OF ENVIRONMENTAL MANAGEMENT** **Commonwealth of Massachusetts**		
LYNN HERITAGE STATE PARK **Phase 3A - Lynn, Massachusetts**		
Hayden, Harding & Buchanan, Inc. ***Consulting Engineers*** ***Boston, Massachusetts***		
DRAINAGE DETAILS		
Contract 82-2	**Scale** AS NOTED **Date** SEPTEMBER 1982	**Drawing No.** SW-10



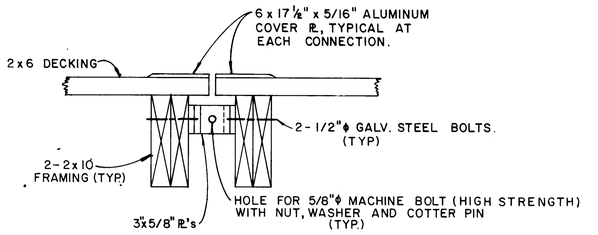
PLAN
1/4"=1'-0"



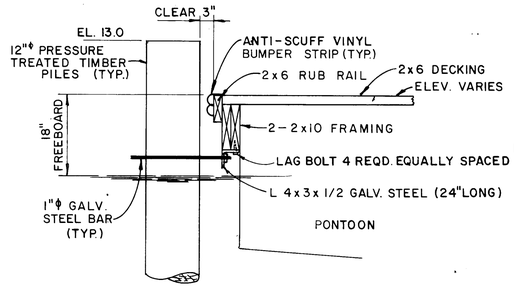
DETAIL "A"



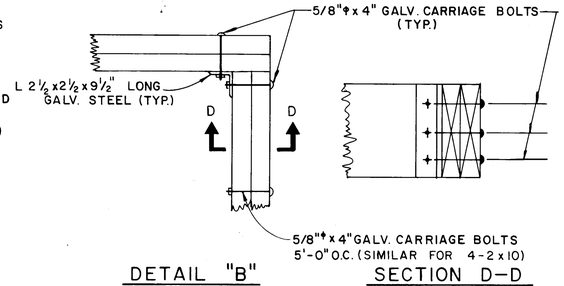
PLAN
3/4"=1'-0"



SECTION C-C
1½"=1'-0"

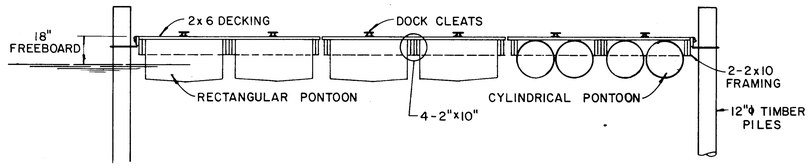


SECTION B-B
3/4"=1'-0"



DETAIL "B"

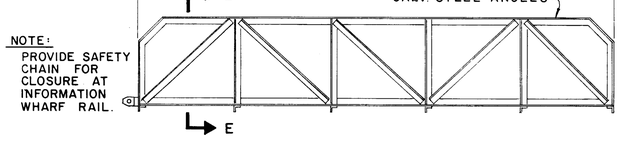
SECTION D-D



NOTE:
PONTOON MAY BE EITHER RECTANGULAR OR CYLINDRICAL.

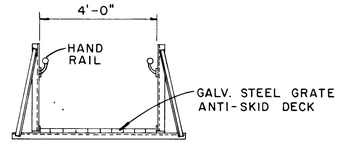
SECTION A-A
NTS

RAMP DETAIL
HINGED CASTER CONNECTIONS
NTS

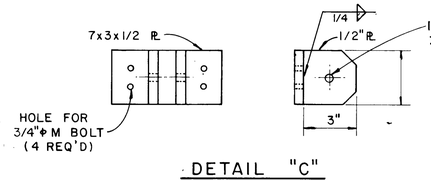


NOTE:
PROVIDE SAFETY CHAIN FOR CLOSURE AT INFORMATION WHARF RAIL.

RAMP ELEVATION
NTS



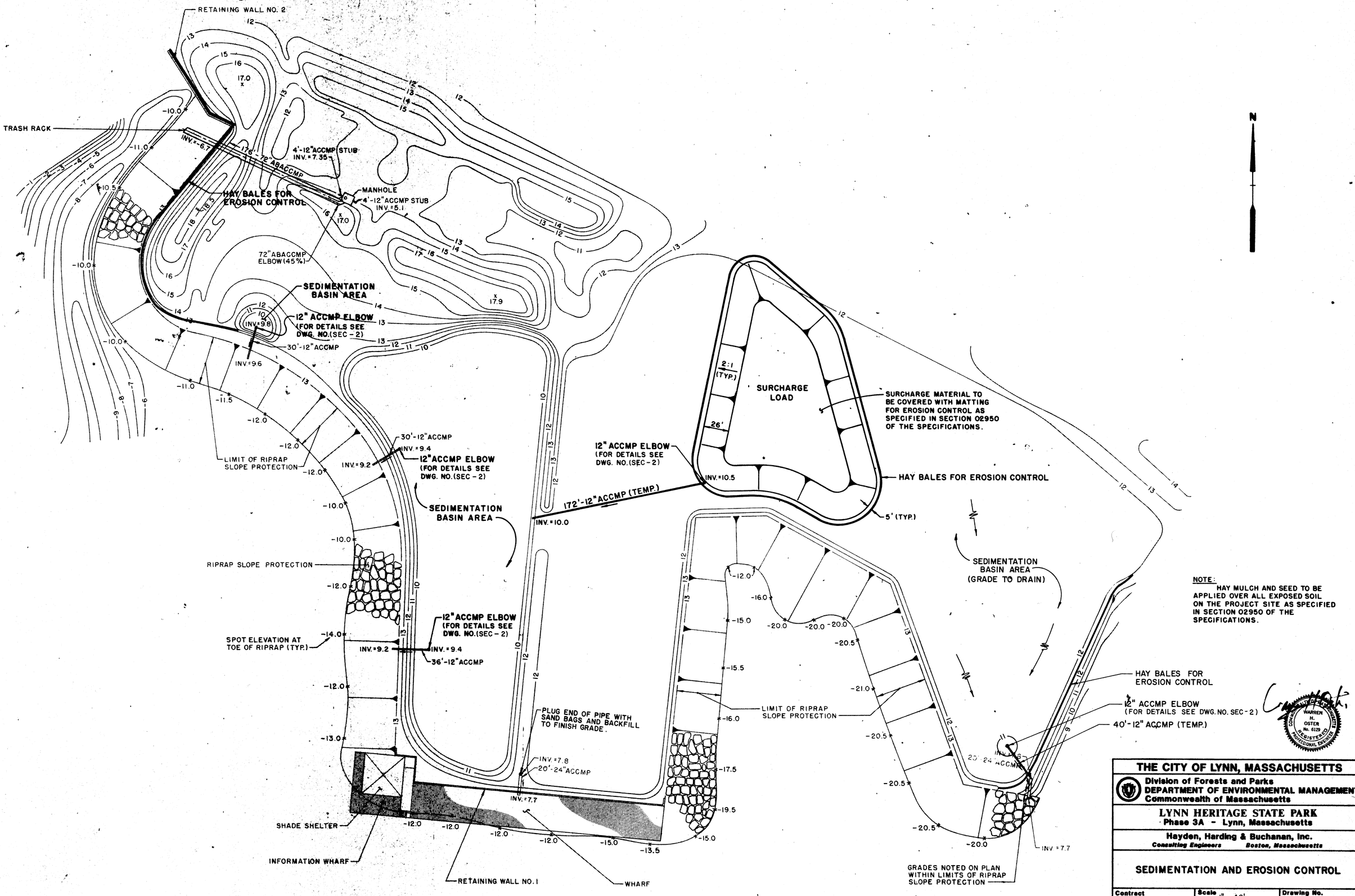
SECTION E-E
NTS



DETAIL "C"
CONNECTION FOR GANG PLANK AND INFORMATION WHARF
3" = 1'-0"



THE CITY OF LYNN, MASSACHUSETTS	
Division of Forests and Parks **DEPARTMENT OF ENVIRONMENTAL MANAGEMENT** **Commonwealth of Massachusetts**	
LYNN HERITAGE STATE PARK **Phase 3A - Lynn, Massachusetts**	
Hayden, Harding & Buchanan, Inc. *Consulting Engineers* *Boston, Massachusetts*	
PADDLE BOAT DOCK DETAILS	
Contract 82-2	**Scale** AS NOTED **Date** SEPTEMBER, 1982
Drawing No. SW-11	



NOTE:
HAY MULCH AND SEED TO BE APPLIED OVER ALL EXPOSED SOIL ON THE PROJECT SITE AS SPECIFIED IN SECTION 02950 OF THE SPECIFICATIONS.

WARREN H. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

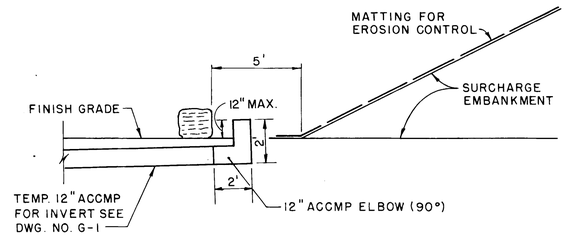
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

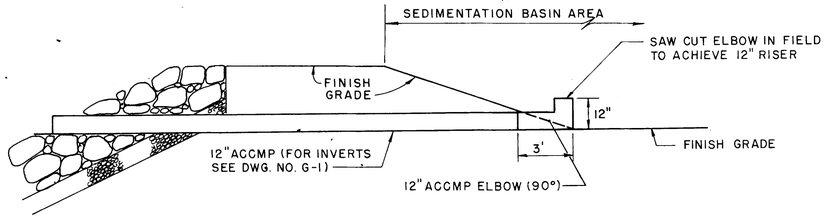
Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

SEDIMENTATION AND EROSION CONTROL

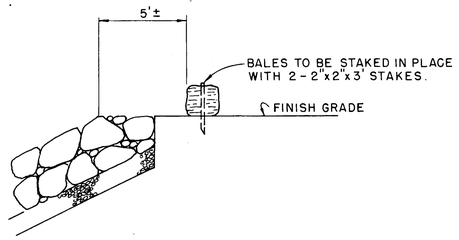
Contract	Scale	Drawing No.
82-2	1" = 40'	SEC-1
	Date SEPTEMBER 1982	

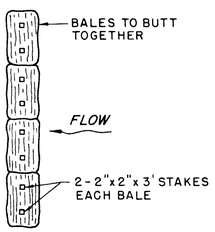


DRAINAGE OUTLET FOR SURCHARGE EMBANKMENT

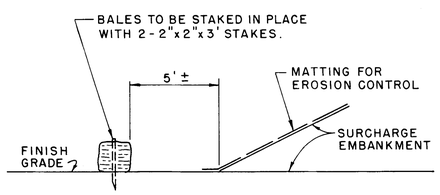


DRAINAGE OUTLET FOR SEDIMENTATION BASIN





PLAN



ELEVATIONS

HAY BALES FOR EROSION CONTROL

WARREN H. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER COMMONWEALTH OF MASSACHUSETTS

THE CITY OF LYNN, MASSACHUSETTS

Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

DETAILS
SEDIMENTATION AND EROSION CONTROL

Contract	Scale	Drawing No.
82-2	NOT TO SCALE	SEC-2
	Date SEPTEMBER 1982	

LEGEND

EXISTING CONTOUR —(8)—

WASHINGTON ST.

LYNNWAY

LYNN HARBOR

LIMIT OF DREDGE FOR RIPRAP SLOPE EMBANKMENT (SEE DWG. NO'S. SW-1 & G-1, AND SPECIFICATION FOR DEPTH REQUIRED)

DREDGE DISPOSAL AREA II (SEE DWG. NO. DG-2 & SPECIFICATIONS)

DREDGE DISPOSAL AREA I (SEE DWG. NO. DG-2 & SPECIFICATIONS)

DREDGE STORAGE AREA I (SEE DWG. NO. DG-2 & SPECIFICATIONS)

DREDGE STORAGE AREA II (SEE DWG. NO. DG-2 & SPECIFICATIONS)

DREDGE LIMITS FOR CHANNEL GRADING (SEE DWG. NO. G-1 FOR CONTOUR INFORMATION)

EXCAVATE & GRADE THIS AREA PRIOR TO ALL DREDGE / FILL OPERATIONS TO ALLOW FOUNDATION CONSTRUCTION BY OTHERS.

DREDGE TO ELEVATION -12.0

EXCAVATE TO EL. 6 PRIOR TO DREDGING

CURVE 1
R=70.00'
L=144.47'
T=117.08'
Δ=118°-15'-00.00"

CURVE 2
R=280.00'
L=173.49'
T=89.63'
Δ=35°-30'-00.00"

CURVE 3
R=200.00'
L=155.68'
T=82.02'
Δ=44°-35'-53.88"

CURVE 4
R=4933.00'
L=295.89'
T=147.99'
Δ=3°-26'-12"

CURVE 5
R=935.95'
L=258.18'
T=129.90'
Δ=15°-48'-30"

NOTES:

1. SEE SECTION 02250 OF THE SPECIFICATIONS FOR ORDER OF WORK.
2. SEE SPECIAL CONDITIONS REGARDING COORDINATION OF WORK.

COMMONWEALTH OF MASSACHUSETTS — STEPHEN H. OSTER No. 6129 — REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

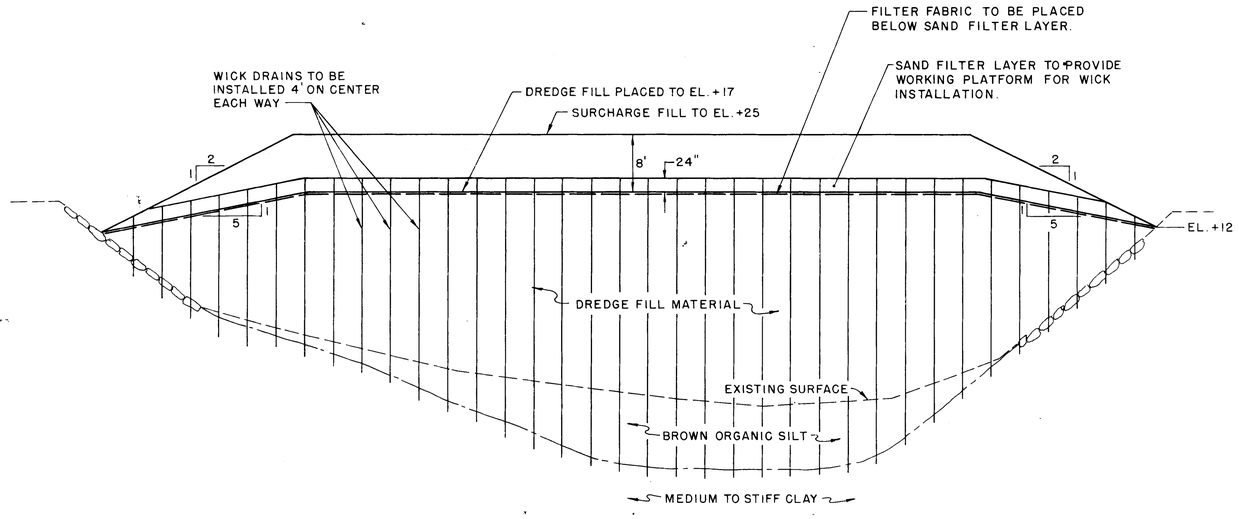
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

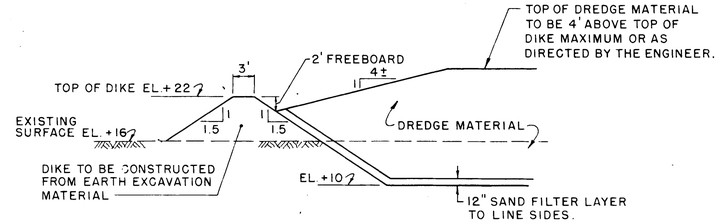
Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

DREDGE / FILL PLAN

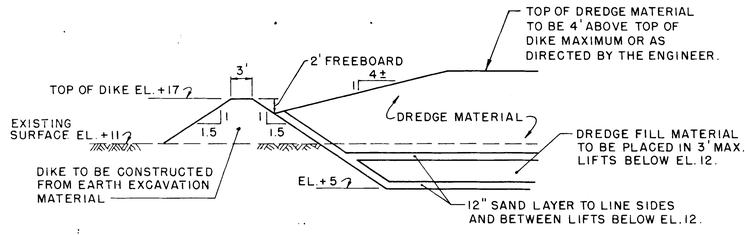
Contract	Scale	Drawing No.
82-2	1" = 40'	DG
	Date SEPTEMBER, 1982	



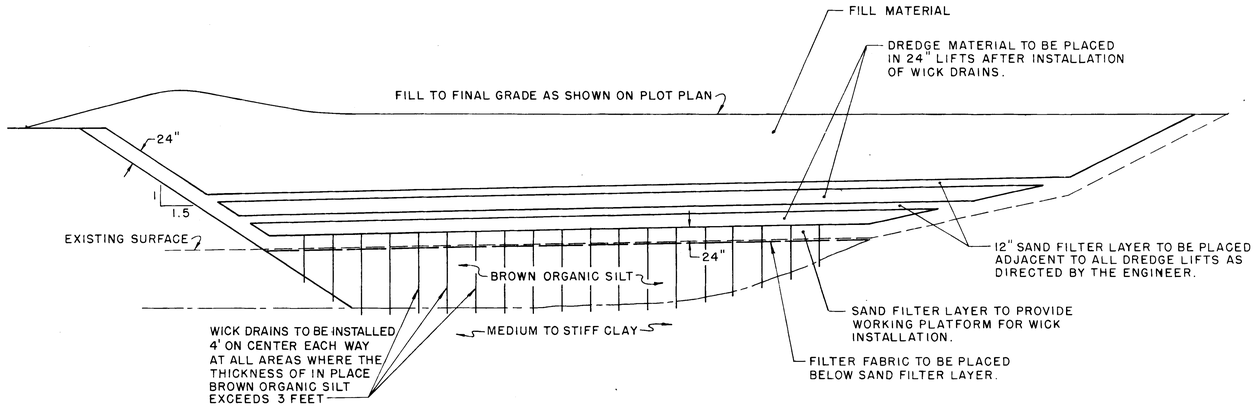
TYPICAL SECTION
DREDGE DISPOSAL AREA I



DREDGE STORAGE AREA I



DREDGE STORAGE AREA II



TYPICAL SECTION
DREDGE DISPOSAL AREA II

COMMONWEALTH OF MASSACHUSETTS
WARREN H. OSTER
No. 6139
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF LYNN, MASSACHUSETTS

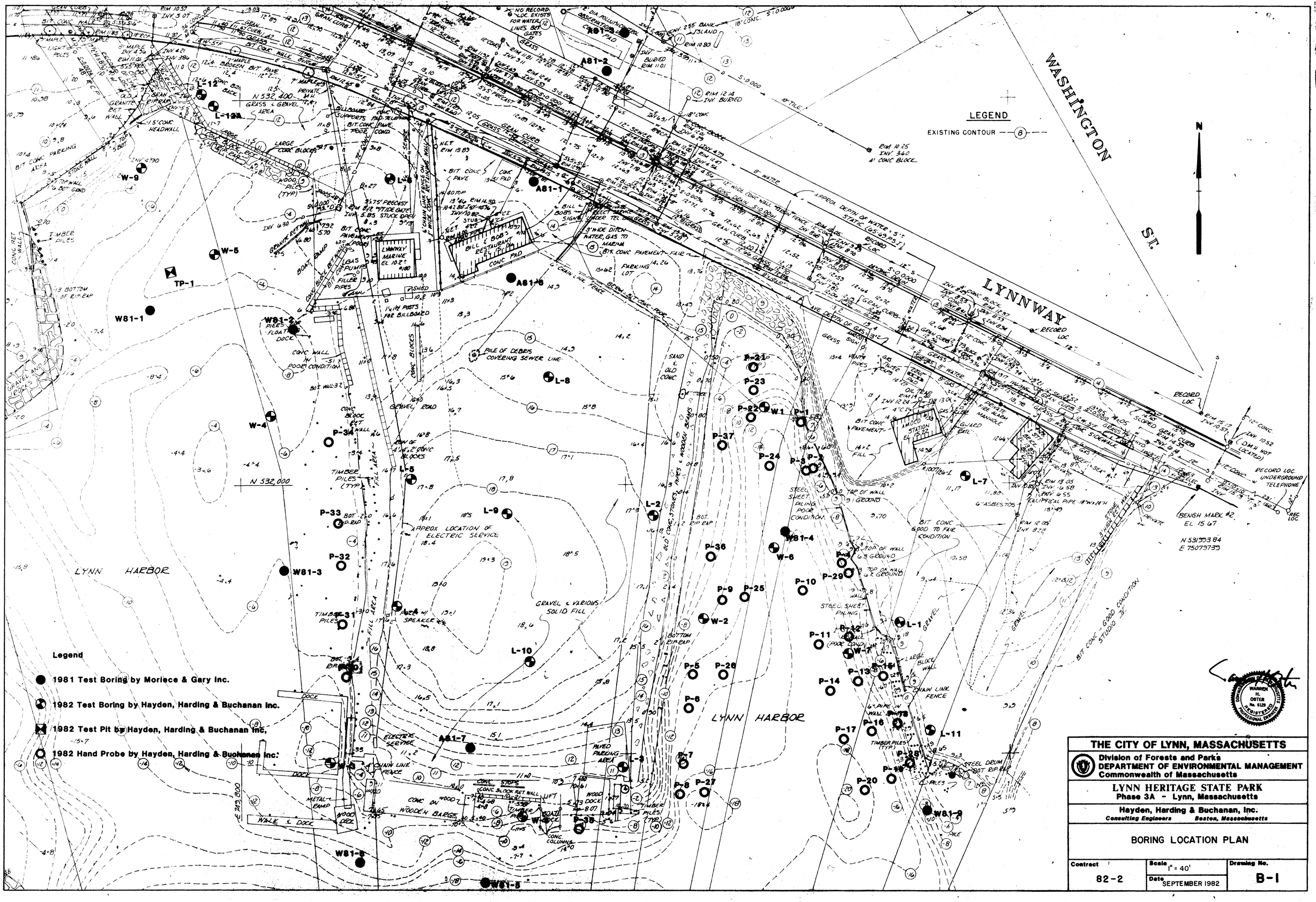
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts

LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts

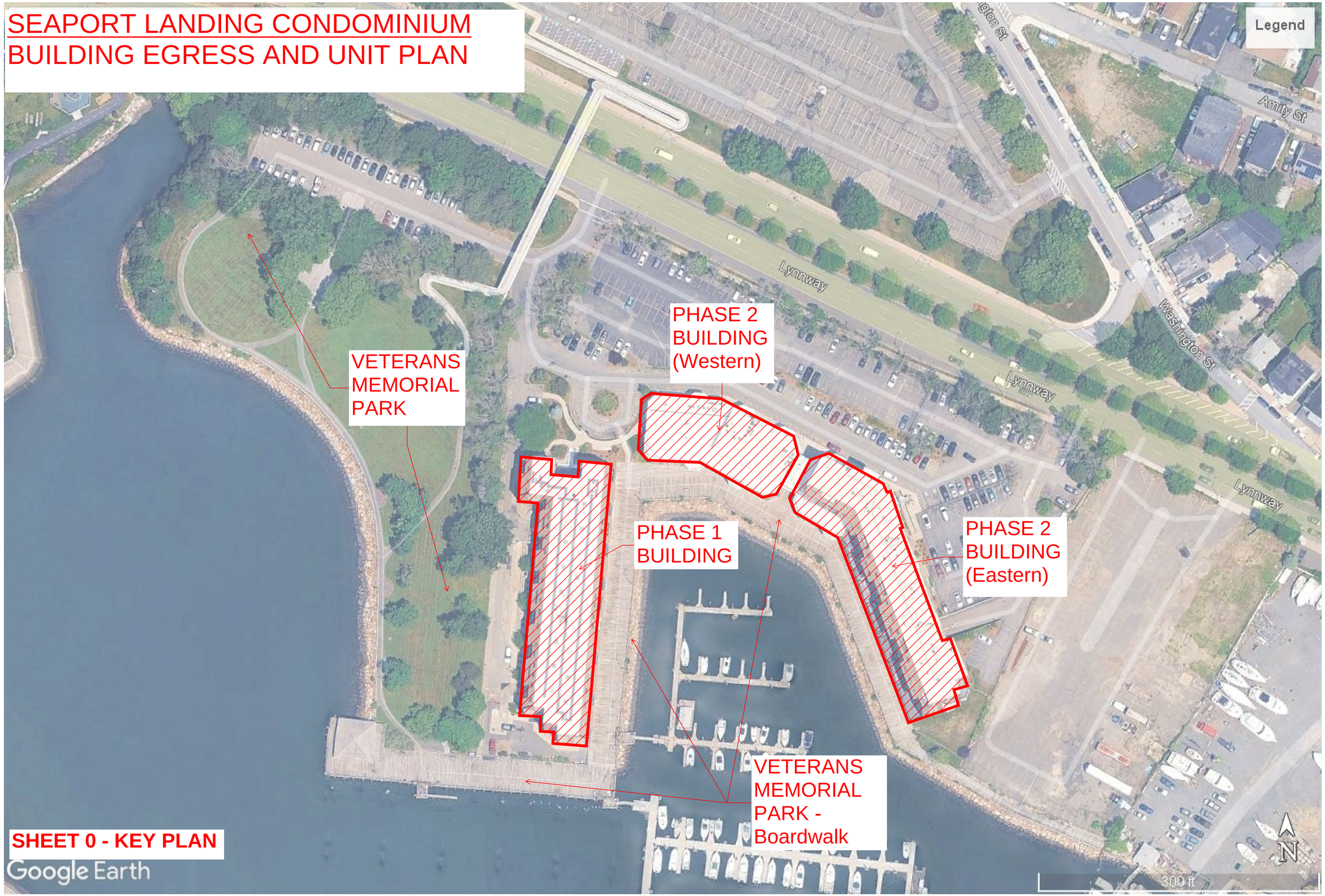
Hayden, Harding & Buchanan, Inc.
Consulting Engineers *Boston, Massachusetts*

DREDGE DISPOSAL & STORAGE DETAILS

Contract	Scale	Drawing No.
82-2	1" = 10'	DG-2
	Date SEPTEMBER 1982	


WASHINGTON ST.
LYNNWAY
LEGEND
EXISTING CONTOUR
N
LYNN HARBOR
LYNN HARBOR
Legend
1981 Test Boring by Moriece & Gary Inc.
1982 Test Boring by Hayden, Harding & Buchanan Inc.
1982 Test Pit by Hayden, Harding & Buchanan Inc.
1982 Hand Probe by Hayden, Harding & Buchanan Inc.
BENCH MARK #2 EL 15.67
N 531393.84
E 750797.39
WARREN H. OSTER No. 6129 REGISTERED PROFESSIONAL ENGINEER
THE CITY OF LYNN, MASSACHUSETTS
Division of Forests and Parks
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Commonwealth of Massachusetts
LYNN HERITAGE STATE PARK
Phase 3A - Lynn, Massachusetts
Hayden, Harding & Buchanan, Inc.
Consulting Engineers Boston, Massachusetts
BORING LOCATION PLAN
Contract 82-2
Scale 1" = 40'
Date SEPTEMBER 1982
Drawing No. B-1

SEAPORT LANDING CONDOMINIUM
BUILDING EGRESS AND UNIT PLAN



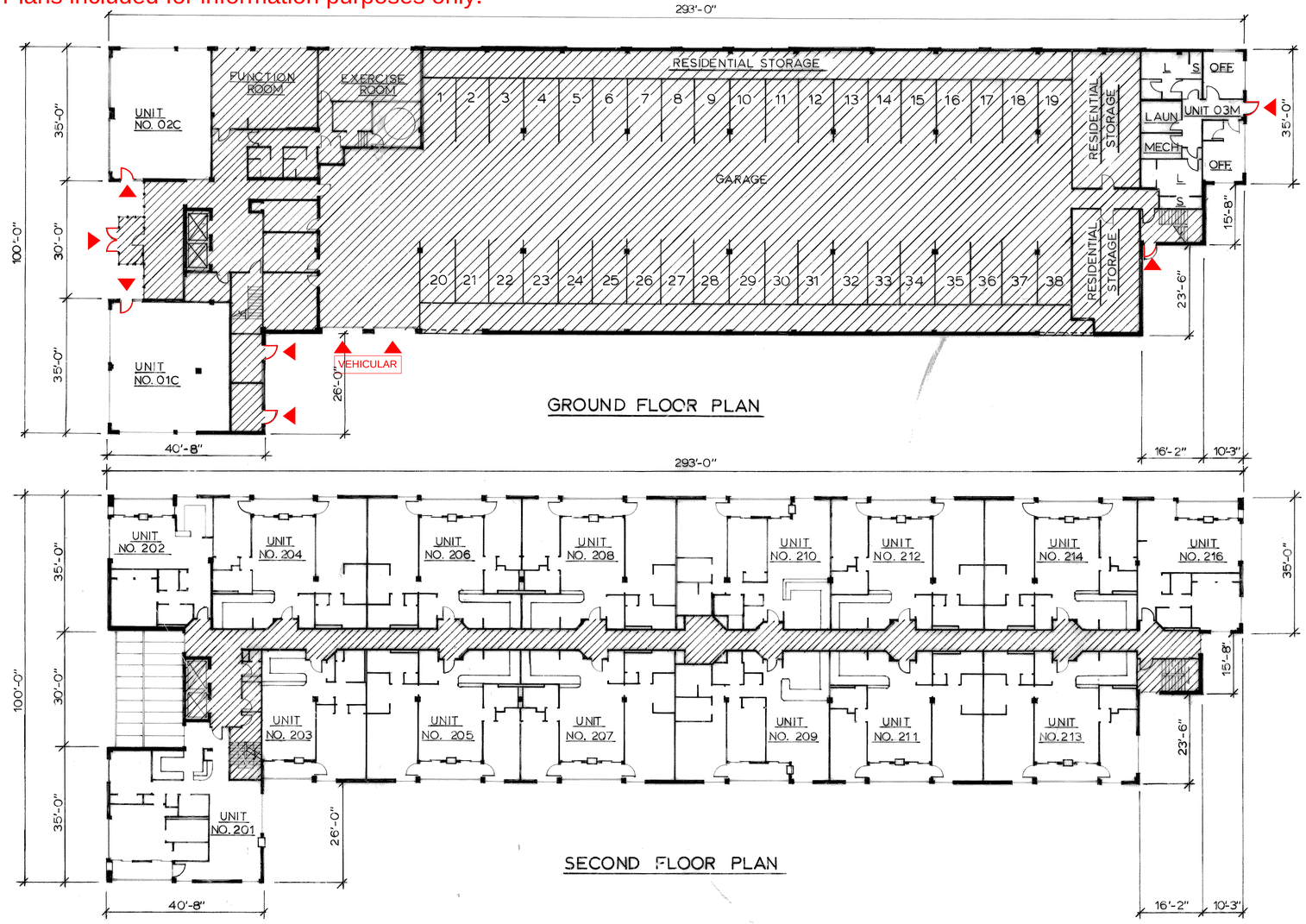
SHEET 0 - KEY PLAN

Phase 1 Building: Ground/1st Floor + 2nd Floor

Registry Date: July 10, 1985

Egress: Approximate locations of external doors for Ground/1st Floor shown for information purposes only. Door locations obtained from in-field photographs and Google Streetview. Contractor shall verify all egress locations.

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.



97
198

FOR REGISTRY USE ONLY

PLAN BOOK 198 PLAN 97
ESSEX REGISTRY OF DEEDS, NO. DIST.
SALEM, MASS.
Received July 10 1985
with Master Deed Seaport Development Landing condominium and
Doc. No. 7834 549
Attest: John L. O'Brien
Register of Deeds
3 pls.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE 7-9-85

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 216, 01C, 02C, 03M, INTERIOR PARKING SPACES NOS. 1-38 AND COMMON AREA AT 154 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

DATE 7-9-85

LEGEND

	COMMON AREA
OFF.	OFFICE
LAUN.	LAUNDRY
MECH.	MECHANICAL ROOM
L	LOCKERS
S	SHOWERS

GRAPHIC SCALE
0 5 10 25 50

REGISTERED ARCHITECT VITOLDS V. VITOLS No. 1953 BOSTON, MASS. COMMONWEALTH OF MASSACHUSETTS

SEAPORT LANDING CONDOMINIUMS PHASE 1 LYNN, MA.

VITOLS ASSOCIATES ARCHITECTS/PLANNERS 02116
1230 STATLER-OFFICE BUILDING, BOSTON, MASS.

SCALE | DATE | DRAWN | CHECK | JOB NO.

SHEET 1

KELLY GRAPHICS INC.

Phase 1 Building: 3rd Floor + 4th Floor

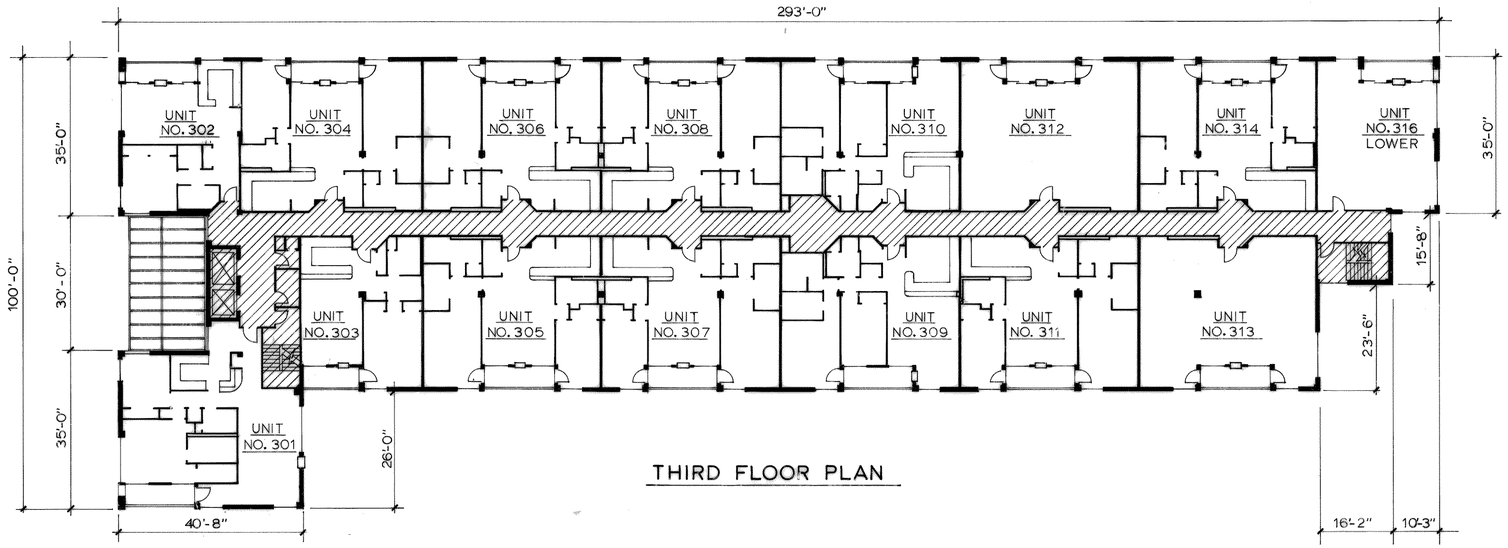
Reg: July 10, 1985

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.

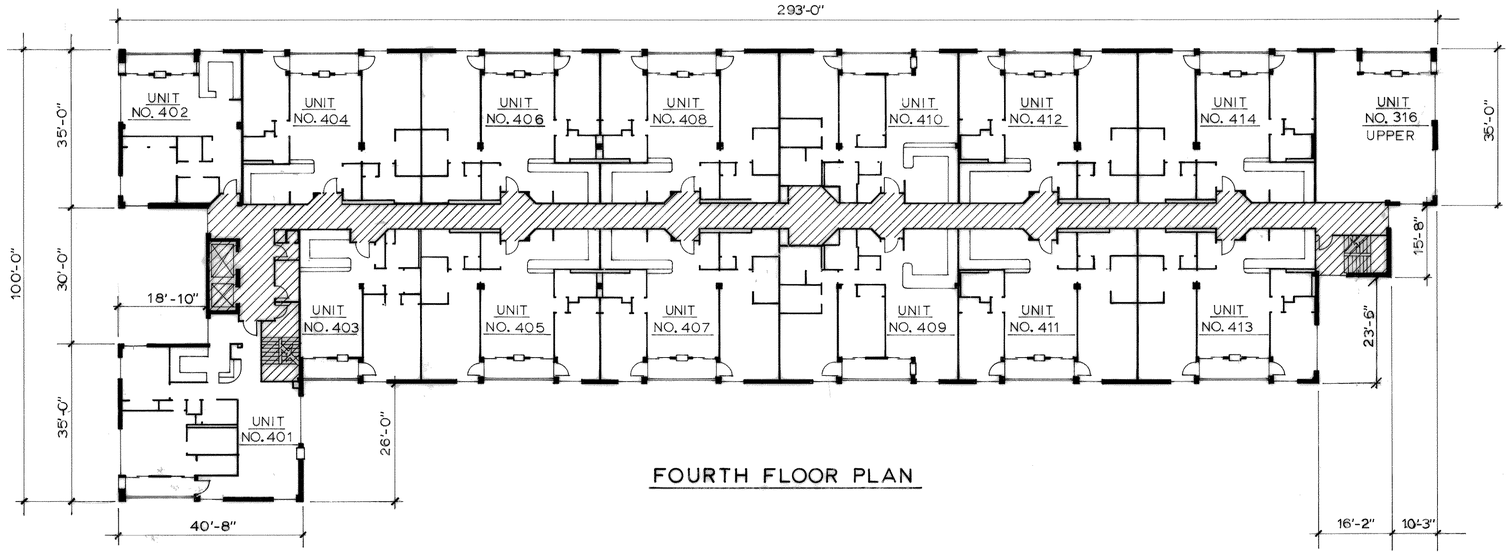
97
198

FOR REGISTRY USE ONLY

PLAN BOOK 198 PLAN 97
ESSEX REGISTRY OF DEEDS, SO. DIST.
SALEM, MASS.
Received July 10, 1985
with Master Deed: Seaport Landing Condominium Trust et al
Rec. B. 7824 P. 549
Attest: John L. O'Brien Jr.
Register of Deeds
3 pls.



THIRD FLOOR PLAN



FOURTH FLOOR PLAN

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE 7-9-85

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 316, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414 AND COMMON AREA AT 154 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

DATE 7.9.85

LEGEND

COMMON AREA

GRAPHIC SCALE
0 5 10 25 50

VITOLDS V. VITOLS — REGISTERED ARCHITECT — No. 1953 — BOSTON, MASS. — COMMONWEALTH OF MASSACHUSETTS

SEAPORT LANDING CONDOMINIUMS PHASE 1 LYNN, MA.

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATTLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

SHEET 2

KELLY GRAPHICS INC.

Phase 1 Building: 5th Floor + 6th Floor

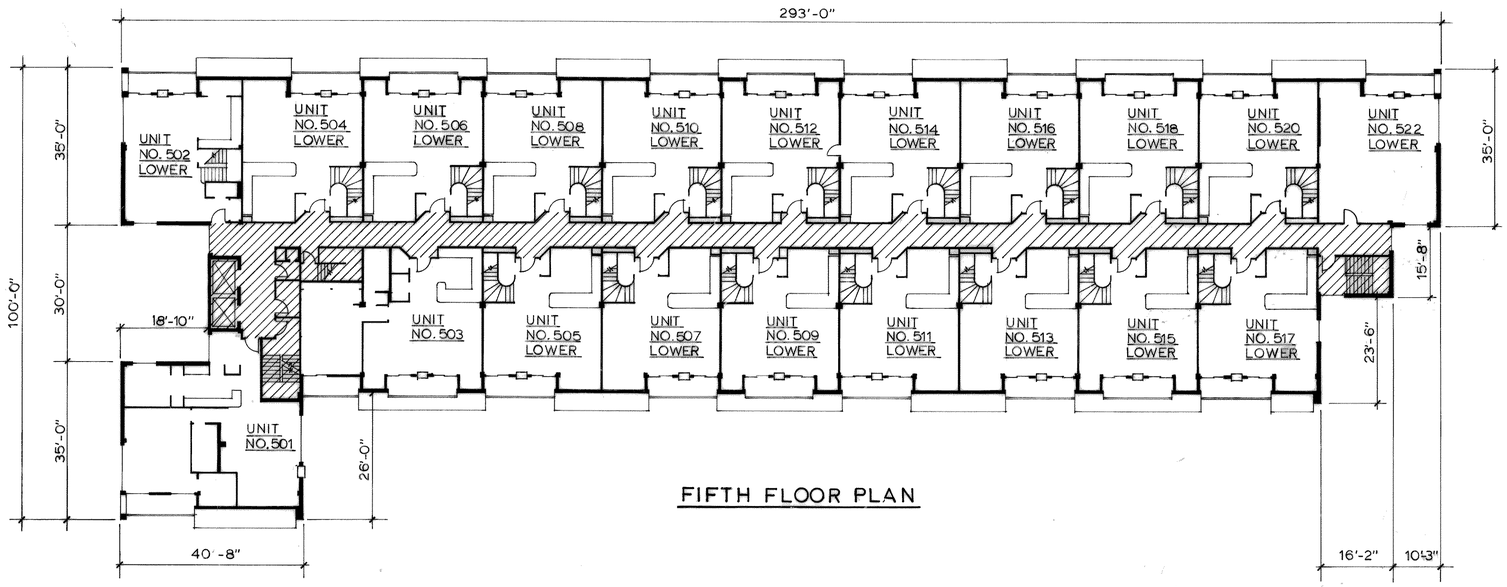
Reg: July 10, 1985

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.

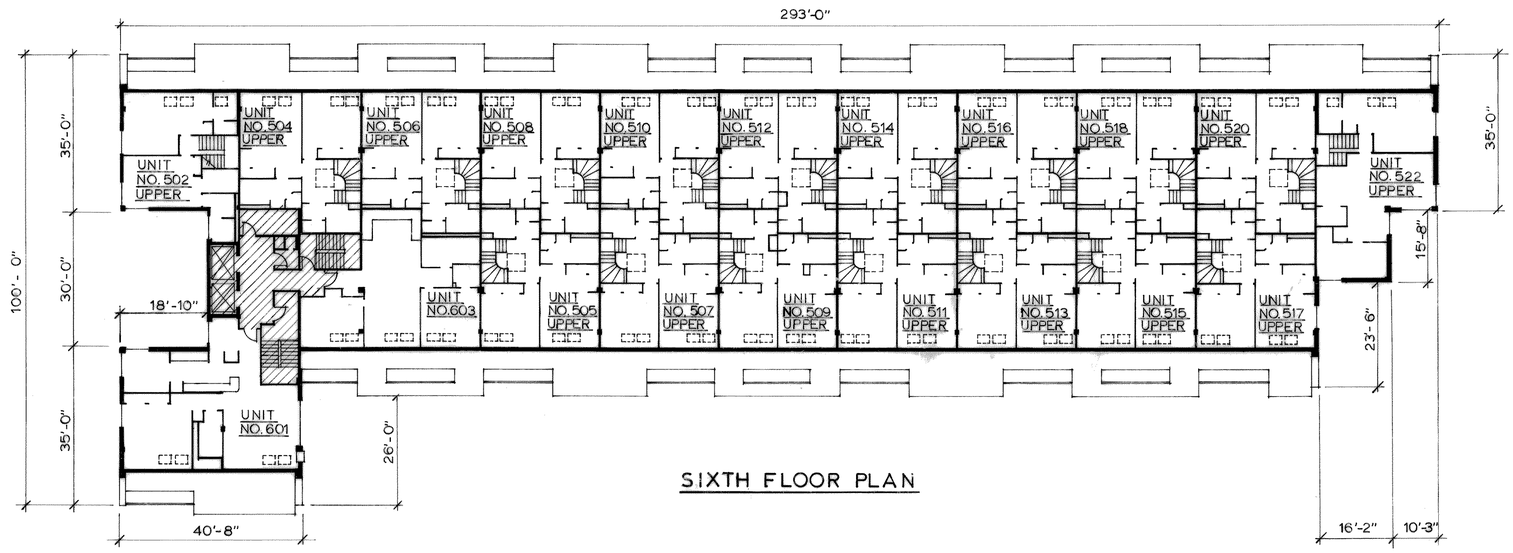
198/97 (3 pls)

FOR REGISTRY USE ONLY

PLAN BOOK 198 PLAN 97
ESSEX REGISTRY OF DEEDS, SO. DIST.
SALEM, MASS.
Received July 10 1985
with Mass Gen. Seaport Landing Dev. Trust et al
Rec. Bk. 7824 Pg. 549
Attest: John F. O'Brien
Register of Deeds
3 pls.



FIFTH FLOOR PLAN



SIXTH FLOOR PLAN

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE 7.9.85

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 520, 522, 601, 603 AND COMMON AREA AT 154 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

DATE 7.9.85

LEGEND

COMMON AREA

GRAPHIC SCALE
0 5 10 25 50

VITOLS V. VITOLS No. 1953 REGISTERED ARCHITECT BOSTON, MASS. COMMONWEALTH OF MASSACHUSETTS

SEAPORT LANDING CONDOMINIUMS PHASE 1 LYNN, MA.

VITOLS ASSOCIATES ARCHITECTS/PLANNERS 02116
1230 STATLER OFFICE BUILDING, BOSTON, MASS.

SCALE | DATE

DRAWN | CHECK | JOB NO.

SHEET 3

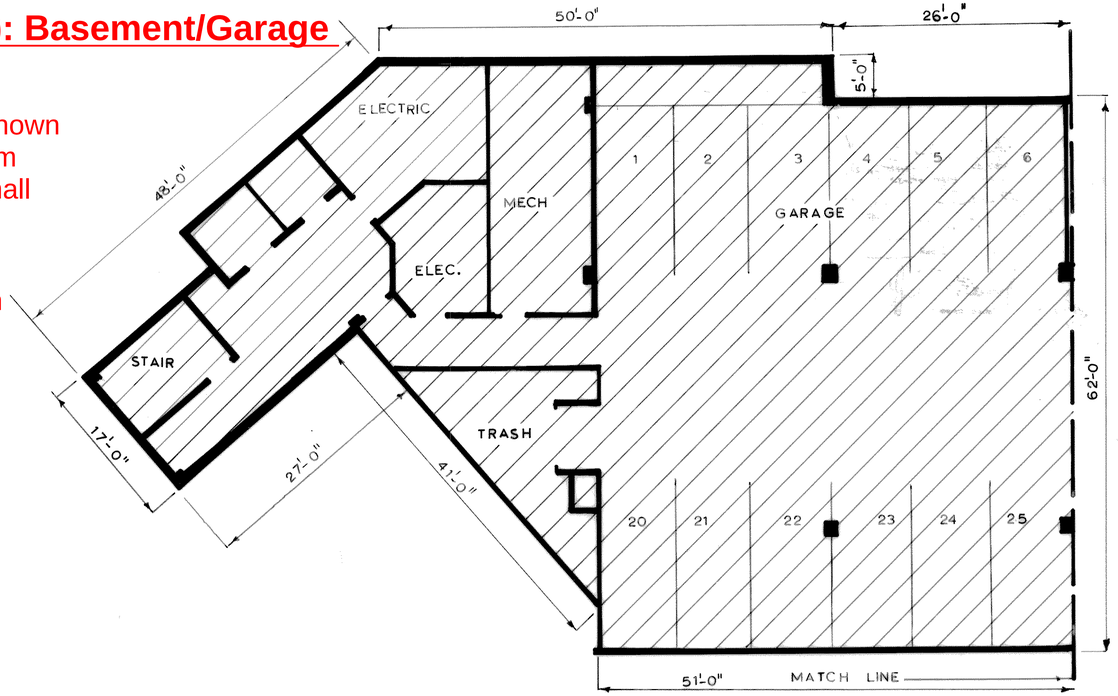
KELLY GRAPHICS INC.

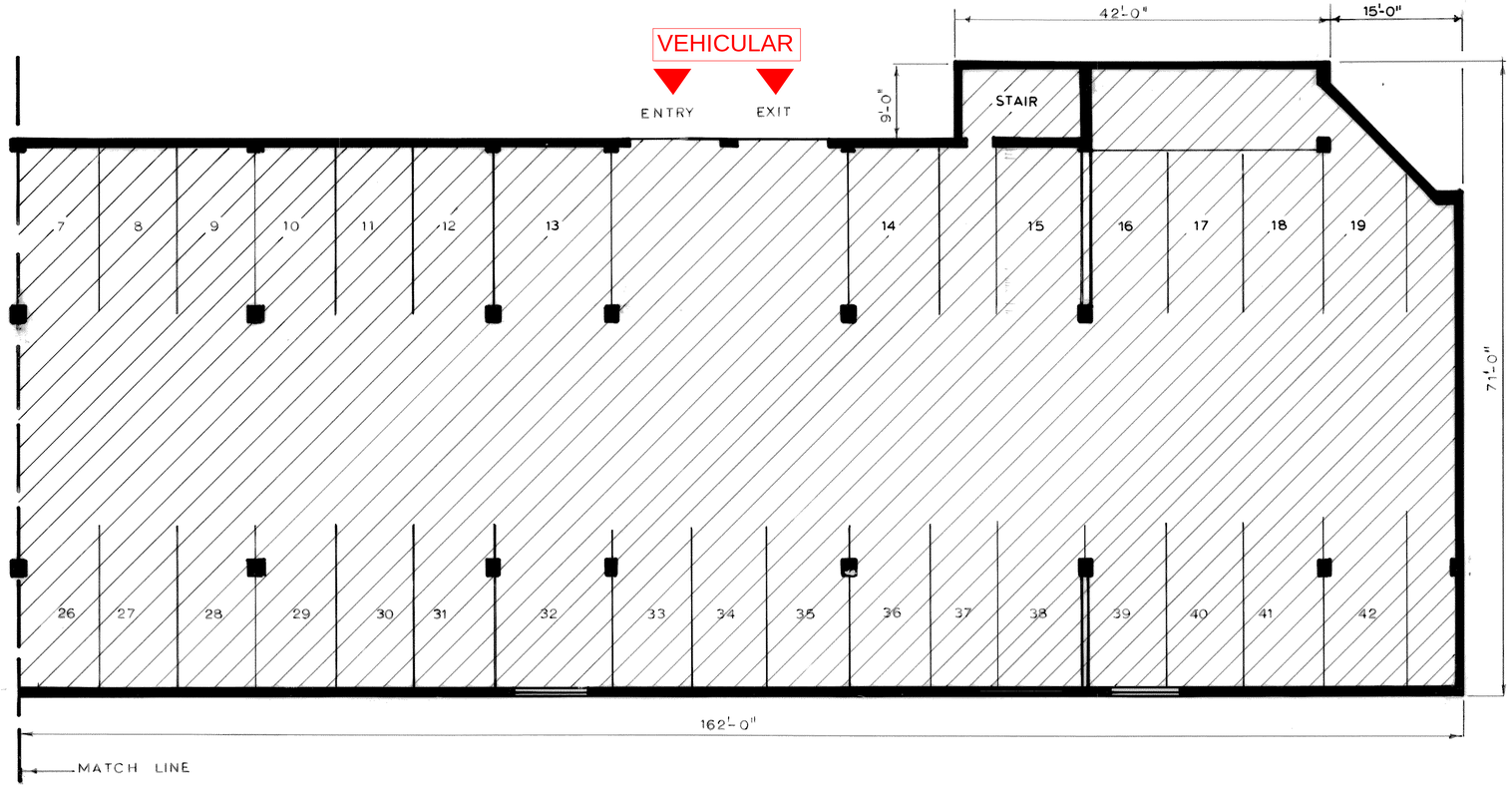
Phase 2 Building (Eastern/Large Building): Basement/Garage

Registry Date: September 29, 1987

Egress: Approximate locations of external garage doors shown for information purposes only. Door locations obtained from in-field photographs and Google Streetview. Contractor shall verify all egress locations.

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.





LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

20/231 8pp.

RESERVED FOR REGISTRY USE

PLAN BOOK 231 PLAN 20
EXAMINED REGISTRY OF DEEDS, SO. DIST. SALEM, MASS.
Received Sept., 29, 1987
with And Mstr Deed, Seaport Landing Condominium
Rec. B. 9205 P. 232
Attest: John L. O'Brien Jr.
Register of Deeds
8pp.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9/22/87

REGISTERED ARCHITECT VITOLDS V. VITOLS No. 1953 BOSTON MA COMMONWEALTH OF MASSACHUSETTS

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS,

INTERIOR PARKING SPACES NOS. 1 - 42 AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

DATE 9/22/87

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

ARCHITECTS/PLANNERS
VITOLS ASSOCIATES
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

831-90

SHEET 4

KELLY GRAPHICS INC.

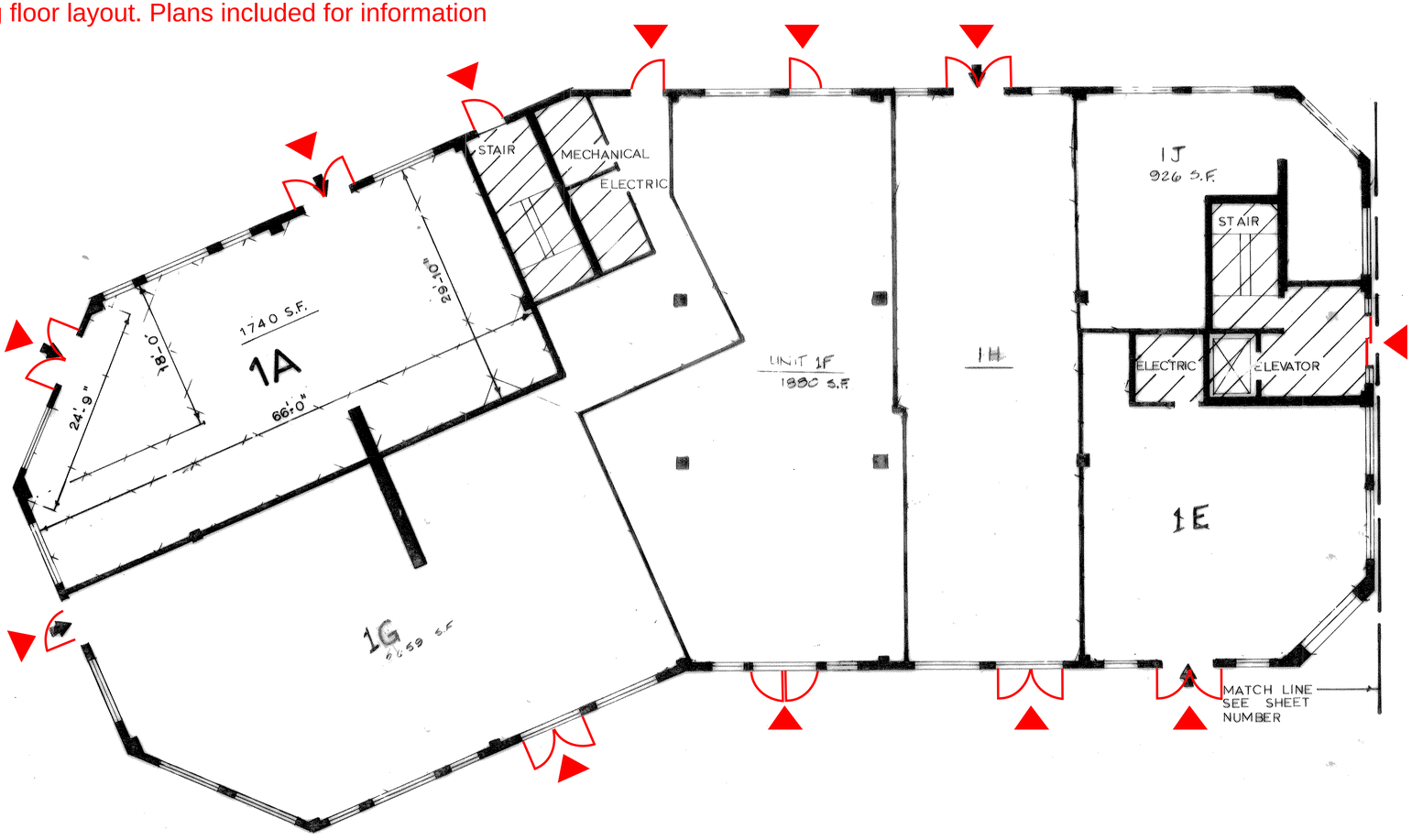
Phase 2 Building (Western/Small Building): 1st Floor

Registry Date: October 30, 1990

Egress: Approximate locations of external doors for Ground/1st Floor shown for information purposes only. Door locations obtained from in-field photographs and Google Streetview. Contractor shall verify all egress locations.

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.

64 (6 pls)
365



RESERVED FOR REGISTRY USE

PLAN BOOK 365 PLAN 67

ESSEX REGISTRY OF DEEDS, SO. DIST.
SALEM, MASS.

Received Oct 30 1990
with Mass. Report Housing
Condominium + 2
Rec. Bk 10619 Pg 560

Attest
Register of Deeds

(6 Pls)

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: June 19, 1990

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

REGISTERED ARCHITECT
VITOLDS V. VITOLS
No. 1953
BOSTON
MA
COMMONWEALTH OF MASSACHUSETTS

LEGEND:

➡	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

SHEET 5

KELLY GRAPHICS INC

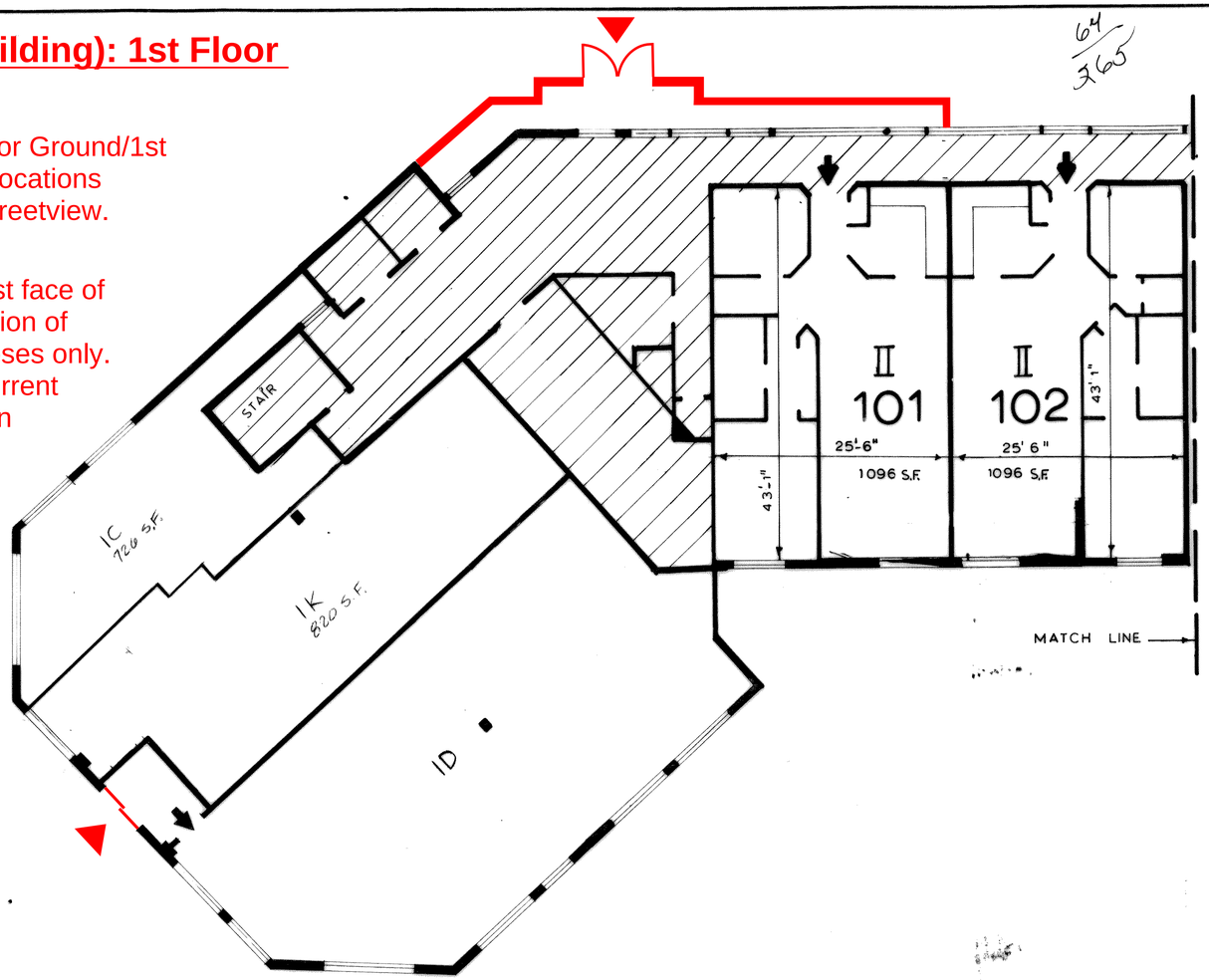
Phase 2 Building (Eastern/Large Building): 1st Floor

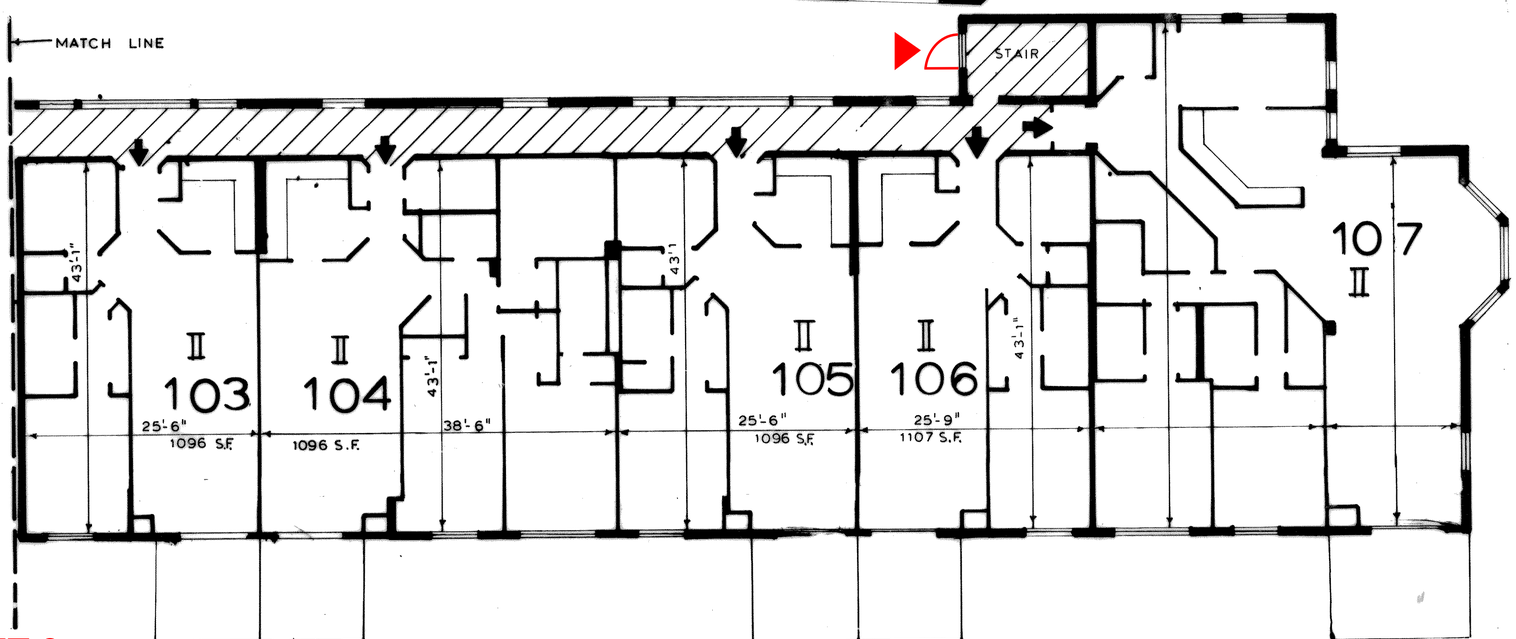
Registry Date: October 30, 1990

Egress: Approximate locations of external doors for Ground/1st Floor shown for information purposes only. Door locations obtained from in-field photographs and Google Streetview. Contractor shall verify all egress locations.

Notes: Apparent building modification on northeast face of building not shown on Registry plans. Approximation of building outline drawn in red for information purposes only. Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.

64
365





SHEET 6

RESERVED FOR REGISTRY USE

PLAN BOOK 265 PLAN 64
NORTH REGISTRY OF DEEDS, SO. DIST.
SALEM, MASS.
Received Oct 30 1990
with Amend; Chapter
Leading Condominium and
Rec. Bk 10619 Pg 560
Attest:
Register of Deeds
6 Pgs

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE:

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS,

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

11.5.87
DATE

VITOLS V VITOLS No. 1095 BOSTON MA REGISTERED ARCHITECT COMMONWEALTH OF MASSACHUSETTS

LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

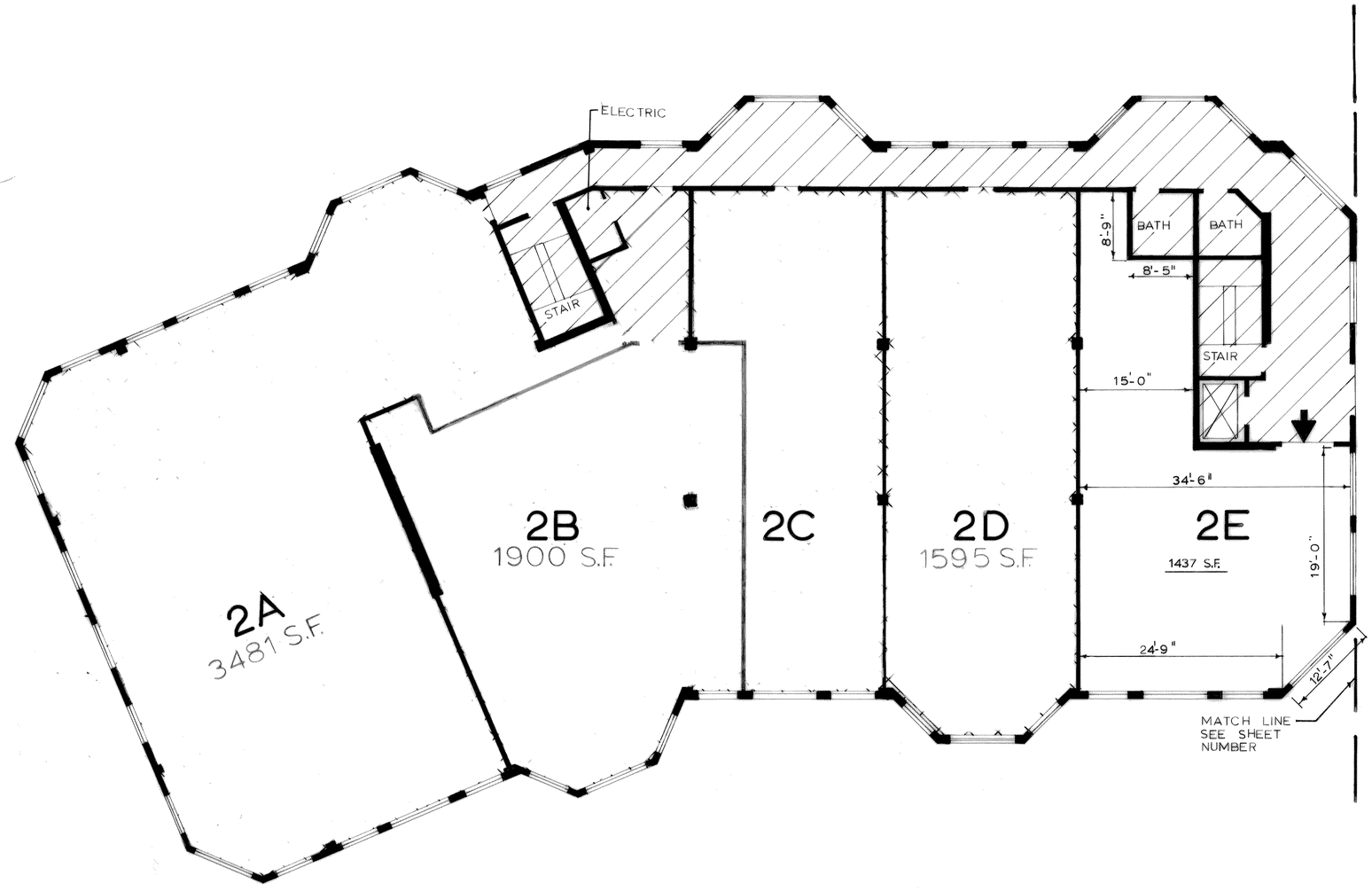
KELLY GRAPHICS INC

Phase 2 Building (Western/Small Building): 2nd Floor

Registry Date: October 30, 1990

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.

64
265 (6 pgs)



RESERVED FOR REGISTRY USE

PLAN BOOK 265 PLAN 64
ESSEX REGISTRY OF DEEDS, SOUTH DISTRICT
SALEM, MASS.
Received Oct 30 1990
with Amnd: Seaport Landing Condominium et al
Rec. B 10612 P 560
Attest:
Register of Deeds
(6 pgs)

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 10-29-90

I CERTIFY THAT THESE PLANS SHOW UNITS AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

REGISTERED ARCHITECT
VITOLS V. VITOLS
No. 1953
BOSTON MA
COMMONWEALTH OF MASSACHUSETTS

LEGEND:

➡	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

4x

DRAWN | CHECK | JOB NO.

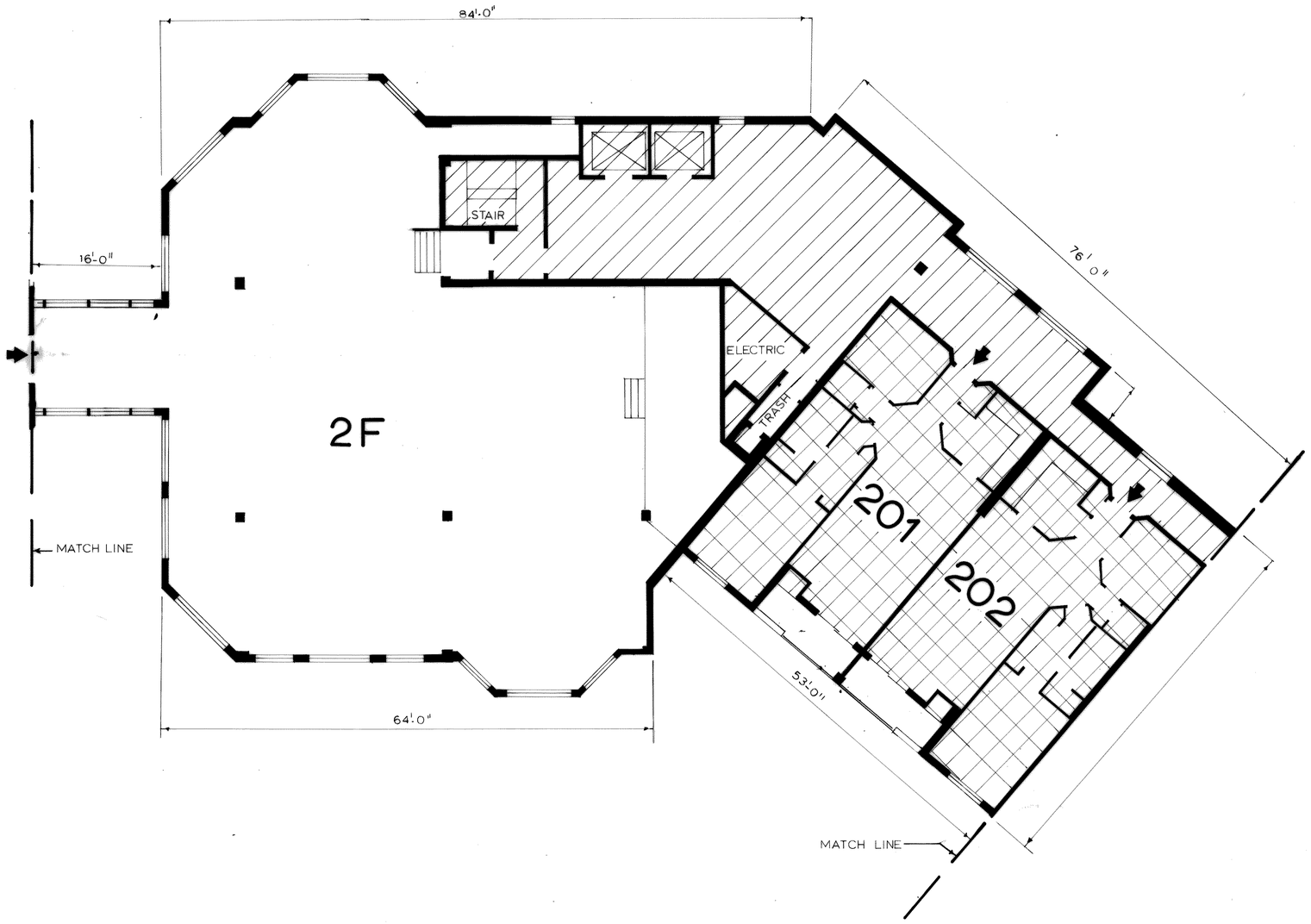
SHEET 7

KELLY GRAPHICS INC.

Phase 2 Building (Eastern/Large Building): 2nd Floor (Partial 2nd Floor Plan Only)

Registry Date: October 30, 1990

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.



67/265 Plans

RESERVED FOR REGISTRY USE

PLAN BOOK 265 PLAN 67
ESSEX REGISTRY OF DEEDS, SO. DIST. SALEM, MASS.
Received Oct 30, 1990
with Ammd, Seaport Landing Condominium etal
Rec. B 10618 P 560
Attest:
Register of Deeds
Copy

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 10·29·90

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

VITOLS V VITOLS No. 1858 REGISTERED ARCHITECT COMMONWEALTH OF MASSACHUSETTS

LEGEND:

➡	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

I CERTIFY THAT THIS PLAN FULLY AND ACCURATETY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENTIONS OF THE UNITS DESIGNATED NOS. 2F, 201, & 202.

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS 02116
1230 STATLER OFFICE BUILDING, BOSTON, MASS.

SCALE | DATE | DRAWN | CHECK | JOB NO.

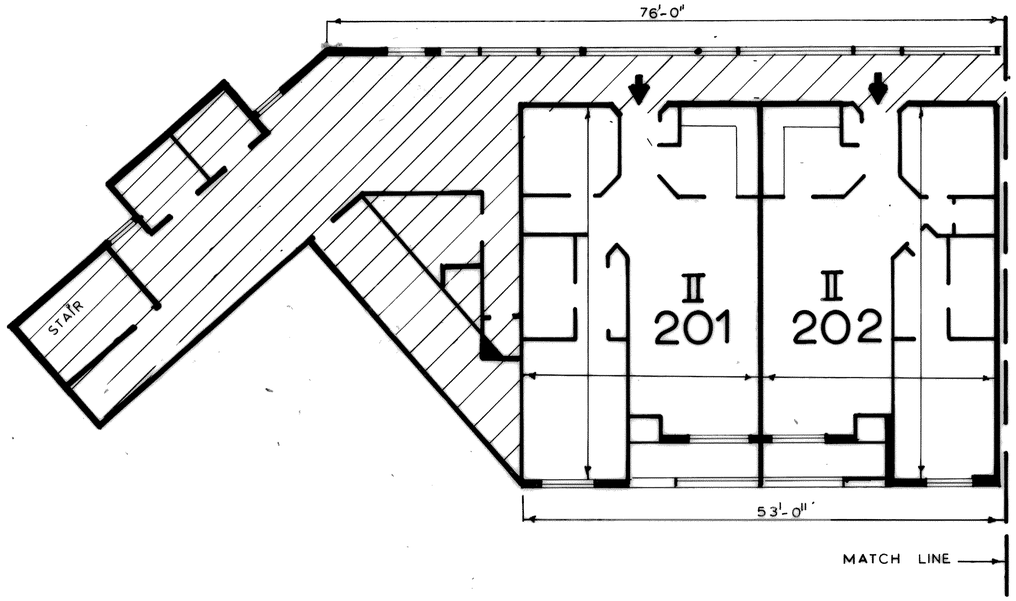
SHEET 8

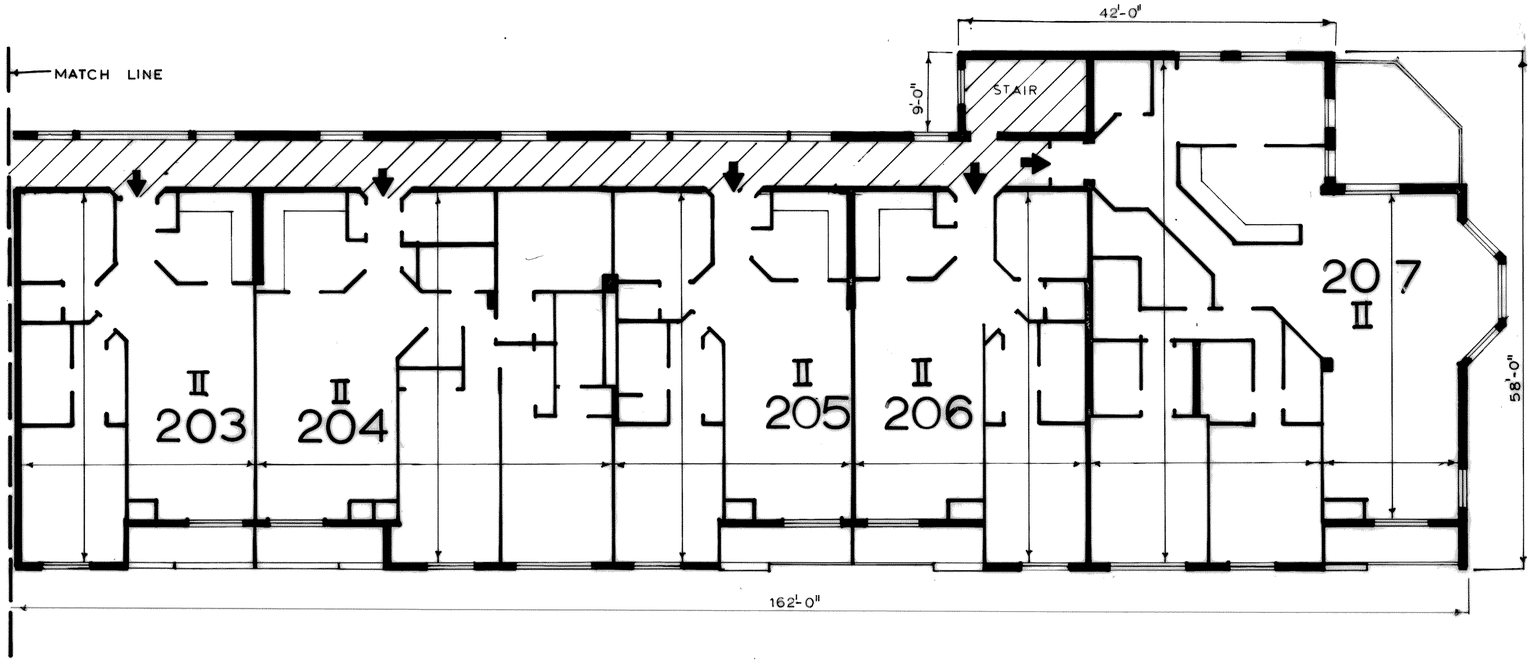
KELLY GRAPHICS INC.

Phase 2 Building (Eastern/Large Building): 2nd Floor (Excluding Common Spaces)

Registry Date: September 29, 1987

Notes: Plans appear to not show some common areas on 2nd Floor. Refer to Sheet 8 for 2nd Floor common areas and some potential layout modifications. Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.





RESERVED FOR REGISTRY USE

20/231/23 pgs.

231 20
Sept 29, 87
Amd Master Deed, Seaport Landing Condominium, Bal 9286 232
8 pgs.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9/22/87

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 201, 202, 303, 204, 205, 206, 207.

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

9/22/87
DATE

LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

SHEET 9

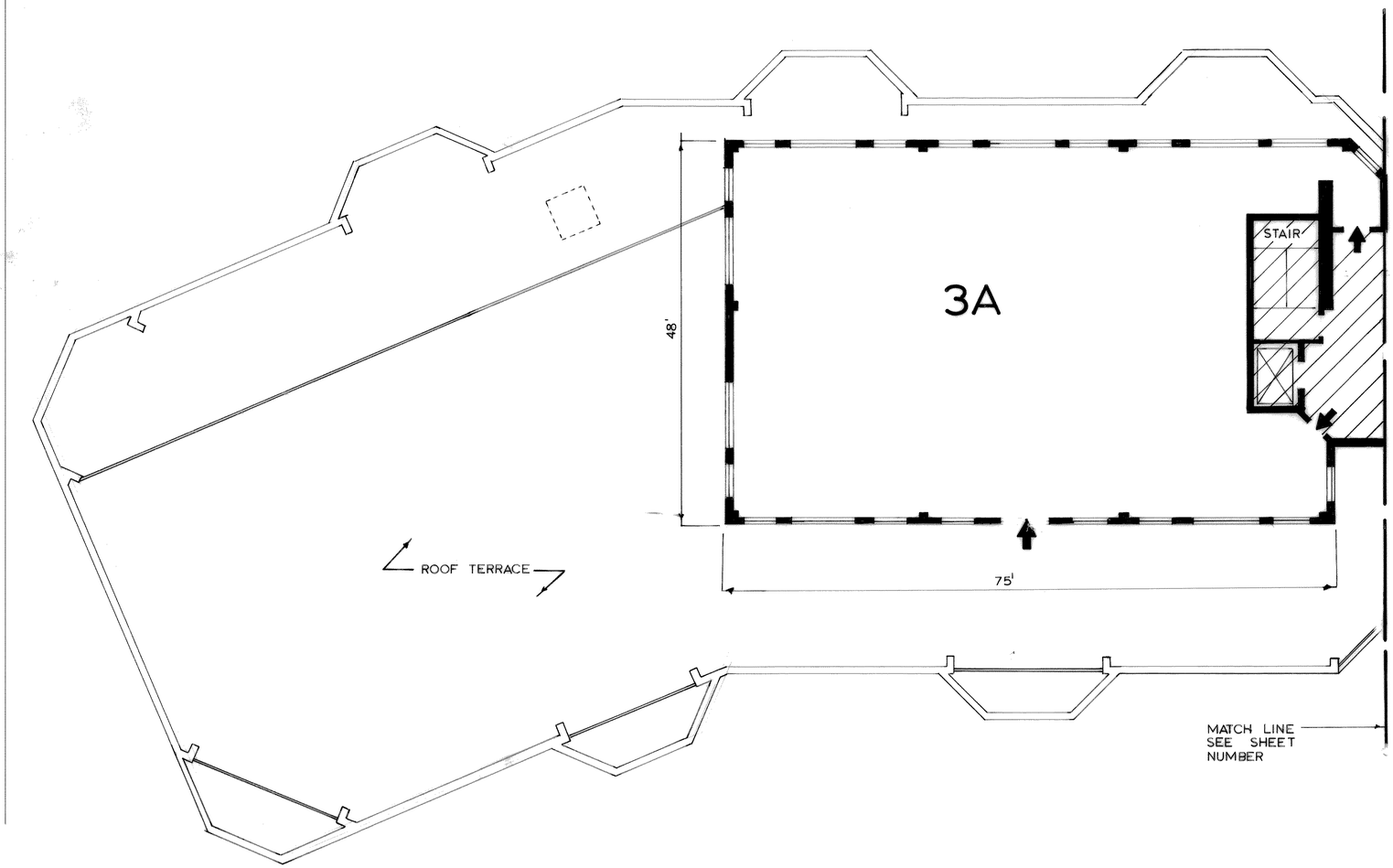
KELLY GRAPHICS INC

Phase 2 Building (Western/Small Building): 3rd Floor (Original Units 3A and Roof Terrace)

Registry Date: June 25, 1987

Notes: Plans included to show context and known locations of the original layout for Units 3A and 3rd Floor Roof Terrace. Subsequent plans show modifications to Unit 3A. Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.

12
227
3 P/S



RESERVED FOR REGISTRY USE

PLAN BOOK 227 PLAN 12
ESSEX REGISTRY OF DEEDS, SO. DIST.,
SALEM, MASS.
Received June 23, 1987
with Amd. Mstr. Deed: Seaport Landing Condominium
Rec. 9045 P. 578
Attest John L. O'Brien
Register of Deeds
3 P/S

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: May 21, 1987

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS, 3A

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 154 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

May 21, 1987
DATE

LEGEND:

➡	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 1 2 3 4 5 10 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

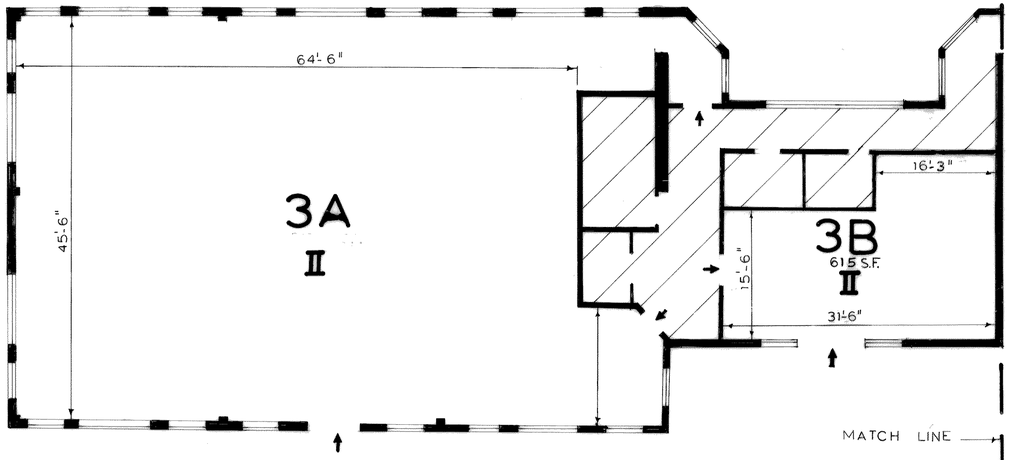
SHEET 10

KELLY GRAPHICS INC

Phase 2 Building (Western and Eastern Building): 3rd Floor (Original Units 3A and 3B ONLY)

Registry Date: April 20, 1988

Notes: Plans included to show context and known locations of the original layout for Units 3A and 3B. Subsequent plans show modifications to each. See Sheets 12 and 13. Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.



62/238

RESERVED FOR REGISTRY USE

PLAN BOOK 238 PLAN 62
ESSEX REGISTRY OF DEEDS, SO. DIST.
SALEM, MASS.
Received April 20, 1988
with Inst. with Deed,
Seaport Landing Condo-mod
Rec. B 9477, 340
Attest:
Register of Deeds

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 4.15.88

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 3A & 3B

REGISTERED ARCHITECT

4.15.88
DATE

REGISTERED ARCHITECT VITOLDS V. VIKSLS No. 1955 COMMONWEALTH OF MASSACHUSETTS

LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

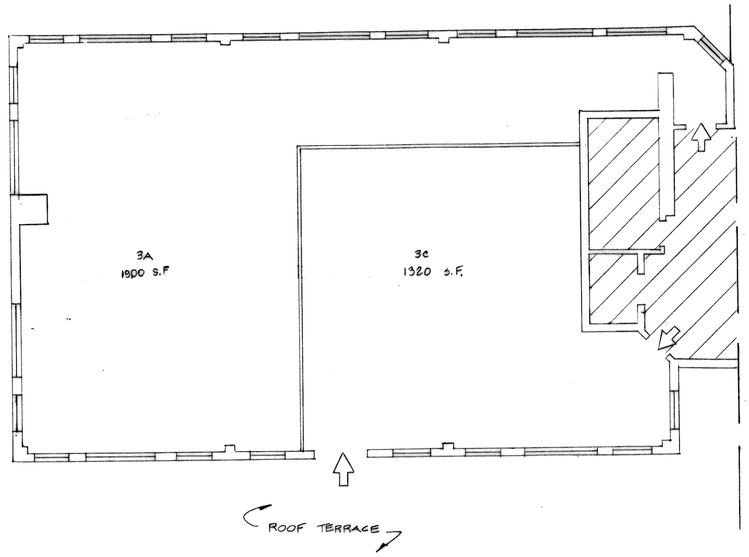
SHEET 11

KELLY GRAPHICS INC.

Phase 2 Building (Western/Small Building): 3rd Floor (Units 3A + 3C ONLY)

Registry Date: October 30, 1990

Notes: Plans show modification to original layout. Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.



67/265 6 pgs.

RESERVED FOR REGISTRY USE

PLAN BOOK 265 PLAN 67
ESSEX REGISTRY OF DEEDS, SO. DIST. SALEM, MASS.
Received Oct 30, 1990
with Amend, Seaport Landing Condominium, rel
Rec. B 10612 P 560
Attest: Jos F O'Donnell
Register of Deeds
6 pgs.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9.13.90

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS,

INTERIOR PARKING SPACES NOS.
AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

9.13.90
DATE

REGISTERED ARCHITECT
VITOLDS V. VITOLS
No. 1953
BOSTON MA
COMMONWEALTH OF MASSACHUSETTS

LEGEND:

➡	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 1 2 3 4 5 10 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

SHEET 12

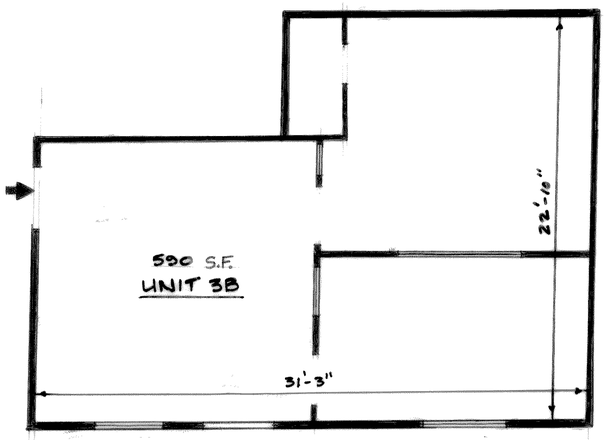
KELLY GRAPHICS INC

Phase 2 Building (Eastern/Large Building): 3rd Floor (Unit 3B ONLY)

Registry Date: October 30, 1990

Notes: Plans show modification to original layout. See Sheet 11 for original layout. Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.

67
265
6pls.



FOR REGISTRY USE ONLY

PLAN BOOK 265 PLAN 67
ESSEX REGISTRY OF DEEDS, SO. DIST. SALEM, MASS.
Received Oct. 30, 1990
with Amnd. Seaport Landing Condominium, etal
Rec. in 10612 560
Attest: Joh J. O'Brien
Register of Deeds
6pls

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 10.22.90

I CERTIFY THAT THESE PLANS SHOW UNIT 3B AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE THE LAYOUT, LOCATION, DIMEMSION, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCUATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NUMBERS.

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

DATE: 10.22.90

LEGEND

- ➡ ENTRANCE
- S.F. SQUARE FEET
- DN. DOWN
- COMMON AREA
- ADJOINING UNITS

GRAPHIC SCALE

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

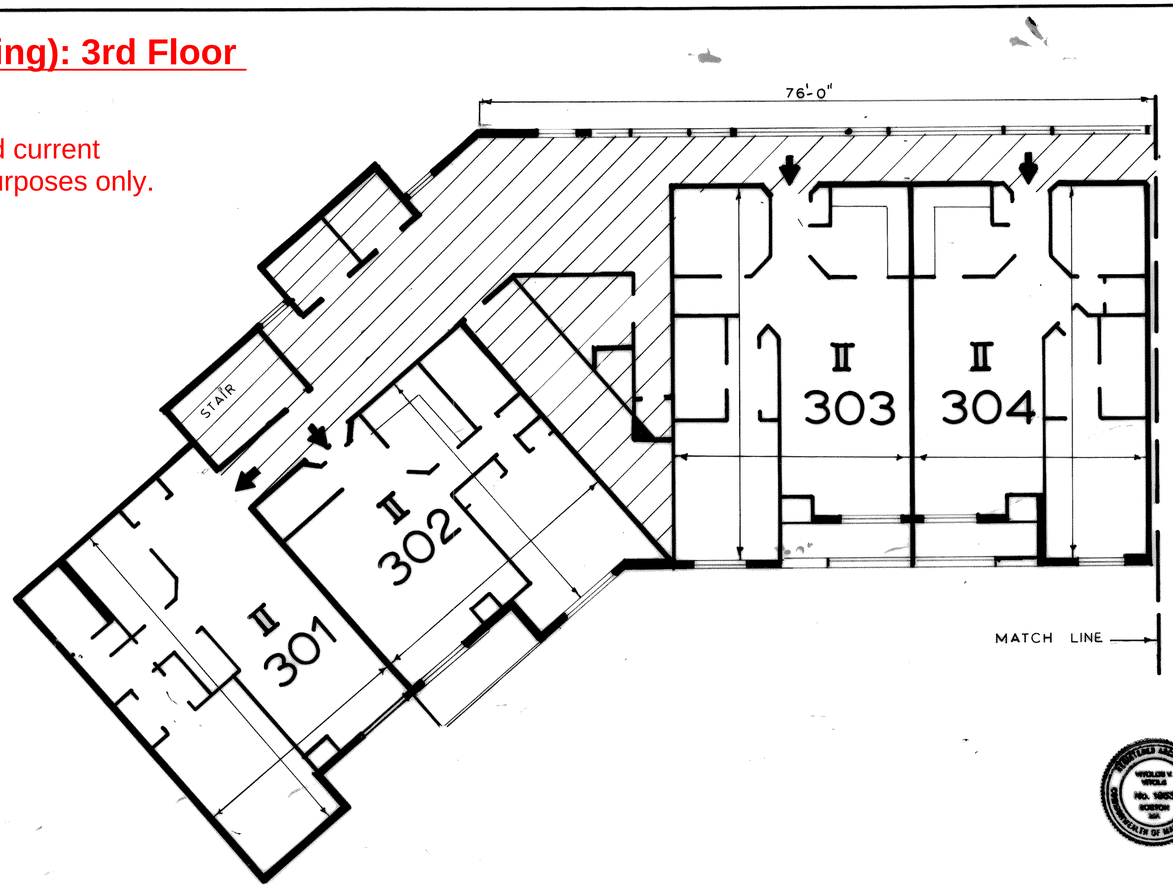
SHEET 13

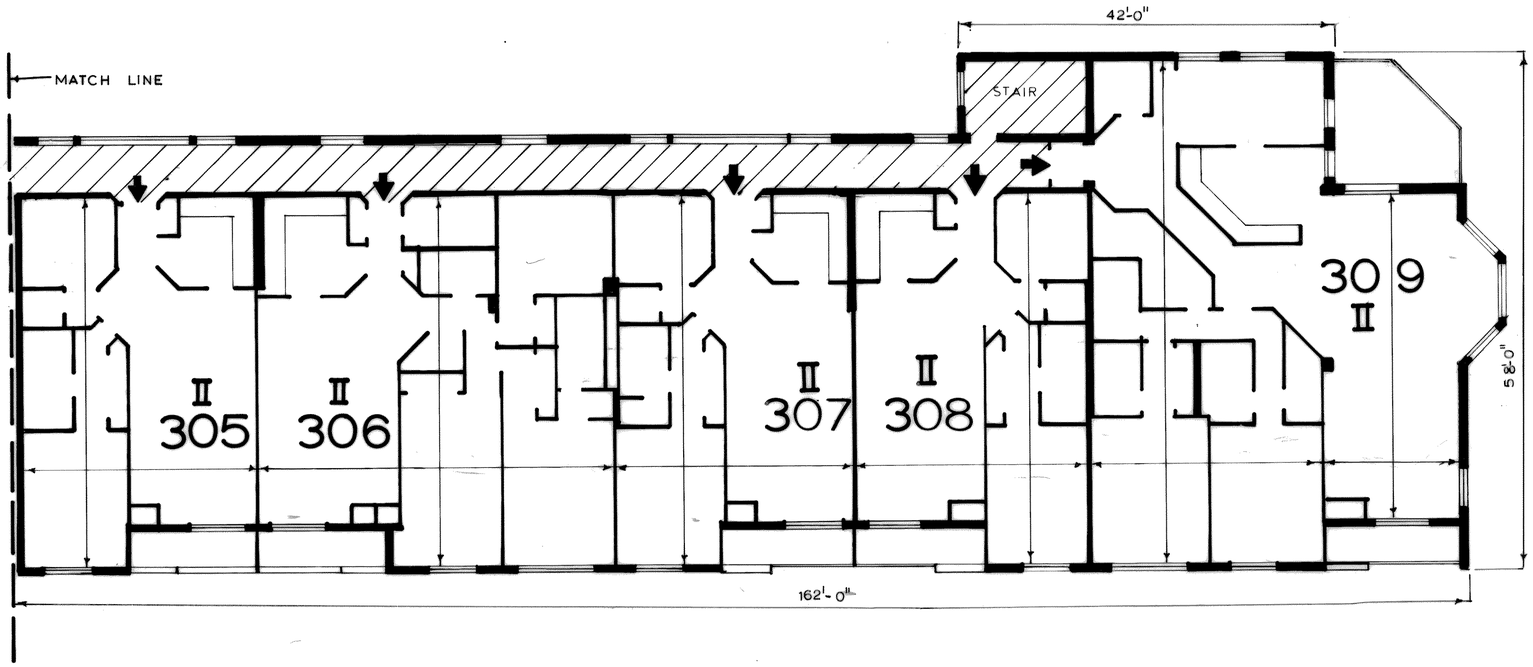
143300
Applied Image, Inc.

Phase 2 Building (Eastern/Large Building): 3rd Floor

Registry Date: September 29, 1987

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.





LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

RESERVED FOR REGISTRY USE

PLAN BOOK 23 PLAN 20
ESSEX REGISTRY OF DEEDS, SO. DIST.
Sept 29, 87
And Made Part of Seaport Landing Condominium Mst
9205 232

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9/22/87

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 301, 302, 303, 304, 305, 306, 307, 308, 309.

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

9/22/87
DATE

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE | DRAWN | CHECK | JOB NO.

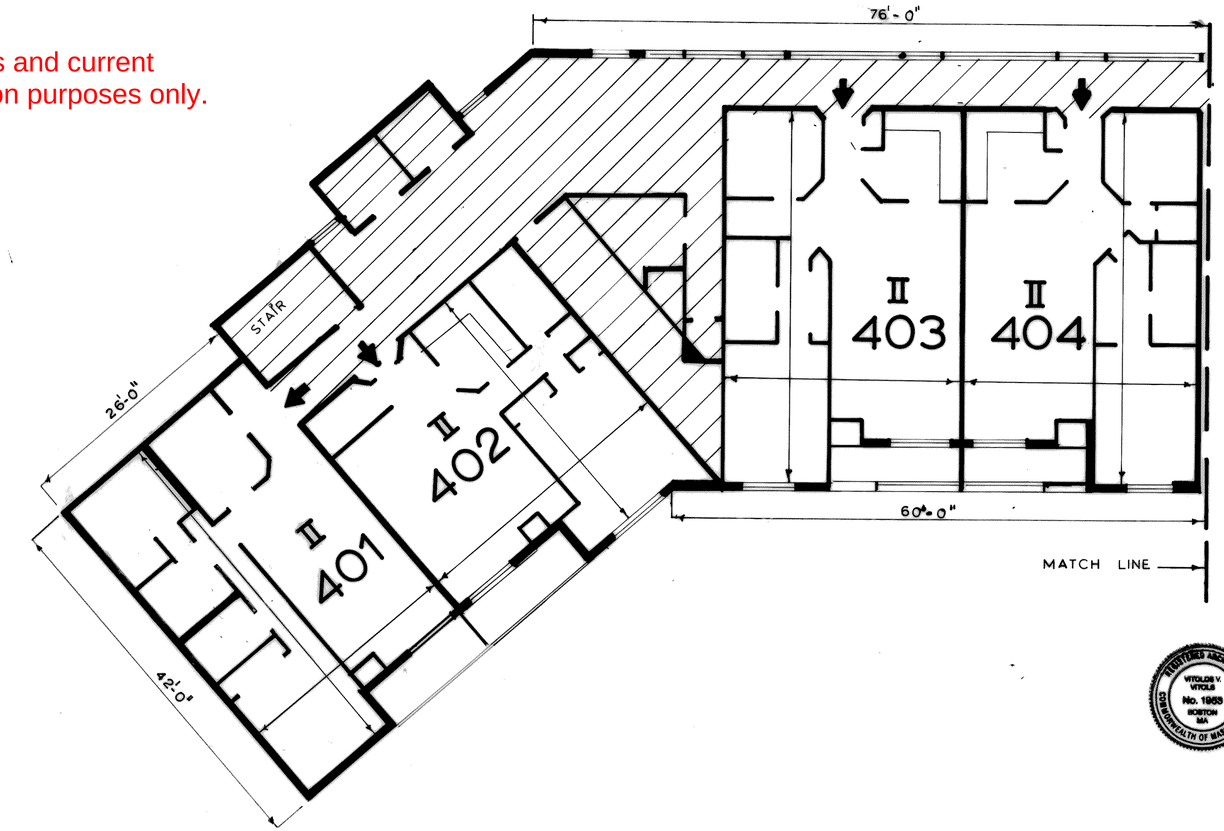
SHEET 14

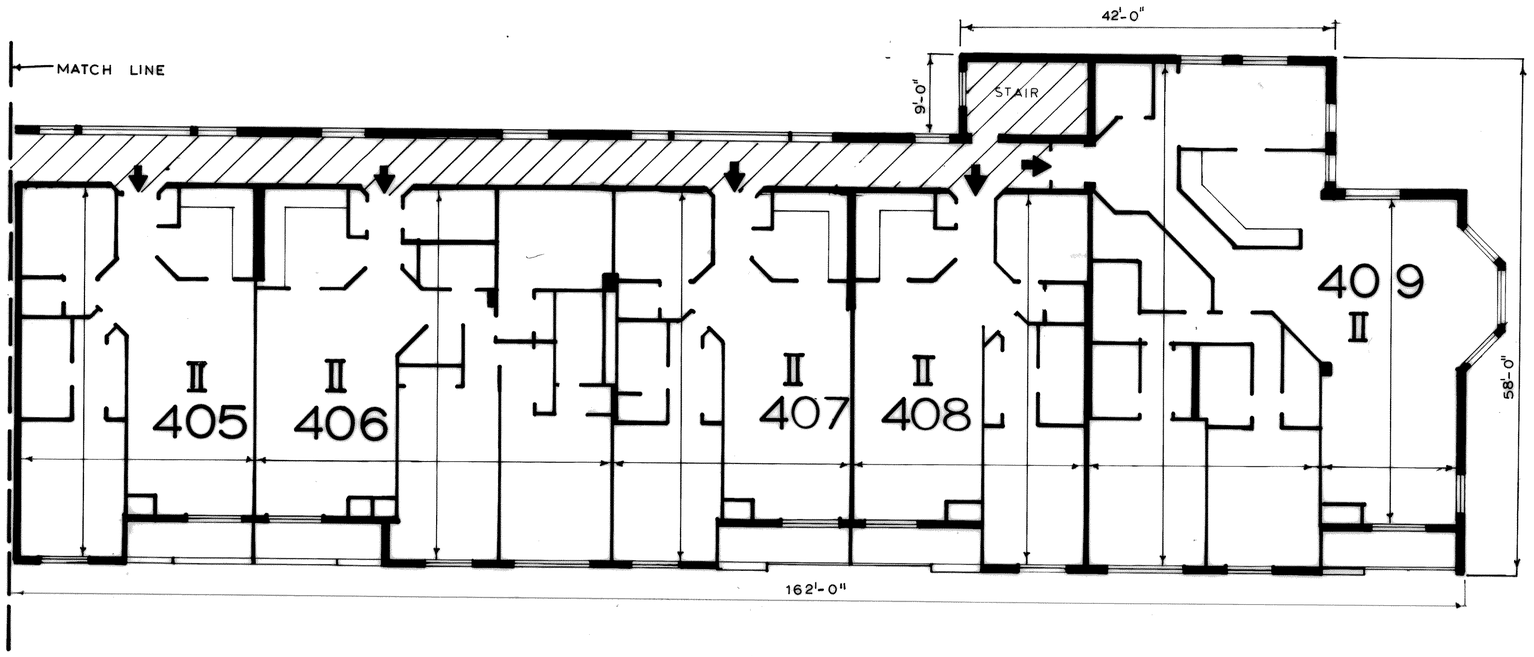
KELLY GRAPHICS INC.

Phase 2 Building (Eastern/Large Building): 4th Floor

Registry Date: September 29, 1987

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.





LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

RESERVED FOR REGISTRY USE

20
231
8pls.

PLAN BOOK 231 PLAN 20
Sept 29, 87
Final mtg Seed., Seaport Landing Condominium rec'd 9205 232
8pls

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9/22/87

REGISTERED ARCHITECT
WITOLDS V. VITOLS
No. 1953
BOSTON MA
COMMONWEALTH OF MASSACHUSETTS

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 401, 402, 403, 404, 405, 406, 407, 408, 409.

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

9/22/87
DATE

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS 02116
1230 STATLER OFFICE BUILDING, BOSTON, MASS.

SCALE | DATE

3

DRAWN | CHECK | JOB NO.

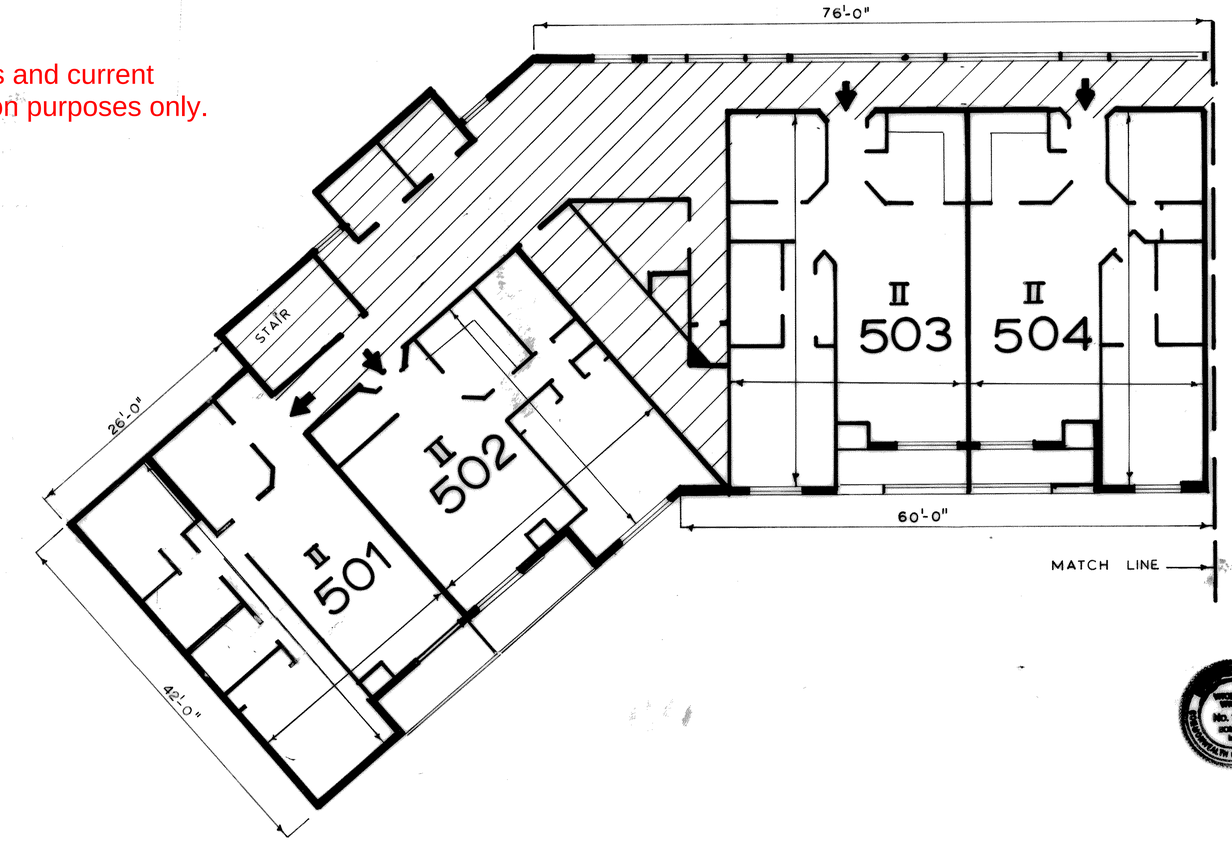
SHEET 15

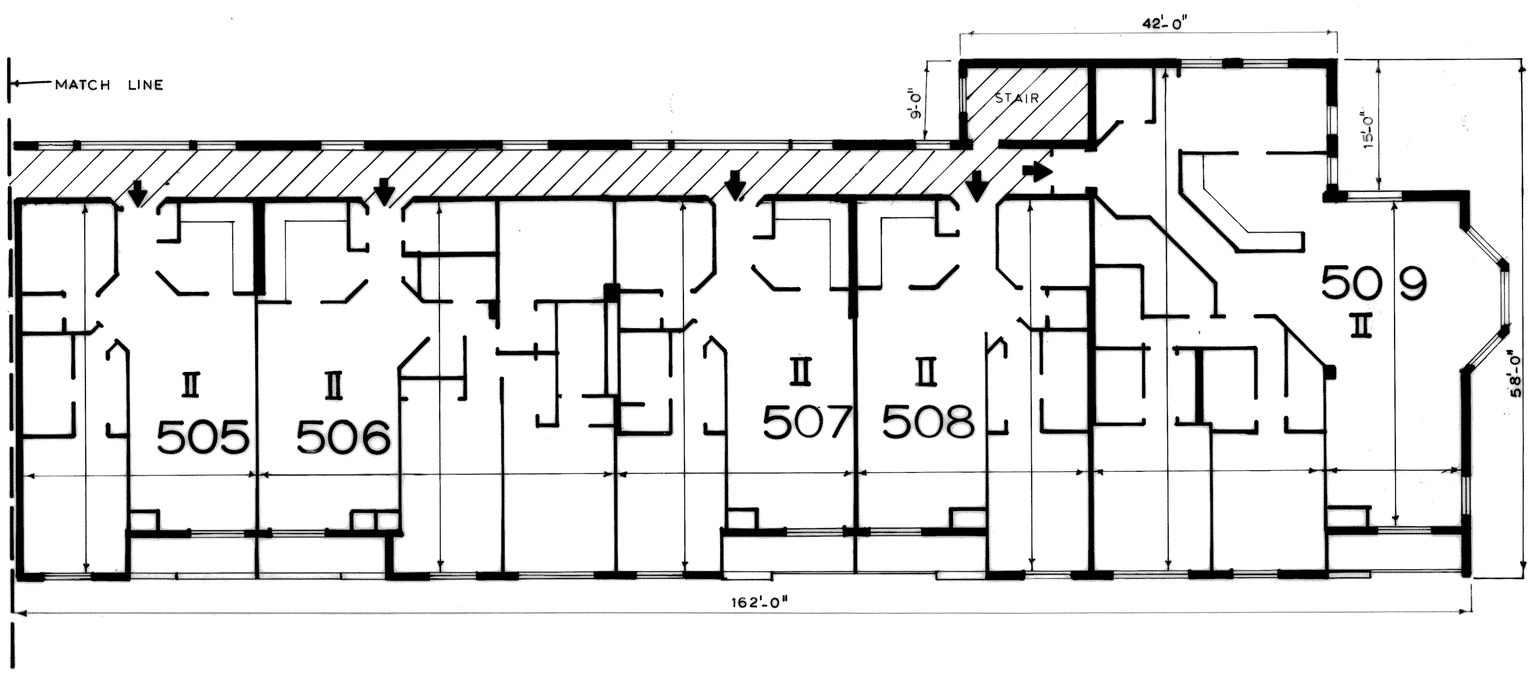
KELLY GRAPHICS INC

Phase 2 Building (Eastern/Large Building): 5th Floor

Registry Date: September 29, 1987

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.





RESERVED FOR REGISTRY USE

231 20
Sept 29, 87
And mstr Deed, Seaport Landing Condominium 1st
9205 232
9 pls.

20/231 9pls.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9/22/87

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 501, 502, 503, 504, 505, 506, 507, 508, 509.

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

9/22/87

DATE

LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

34 of 5

DRAWN | CHECK | JOB NO.

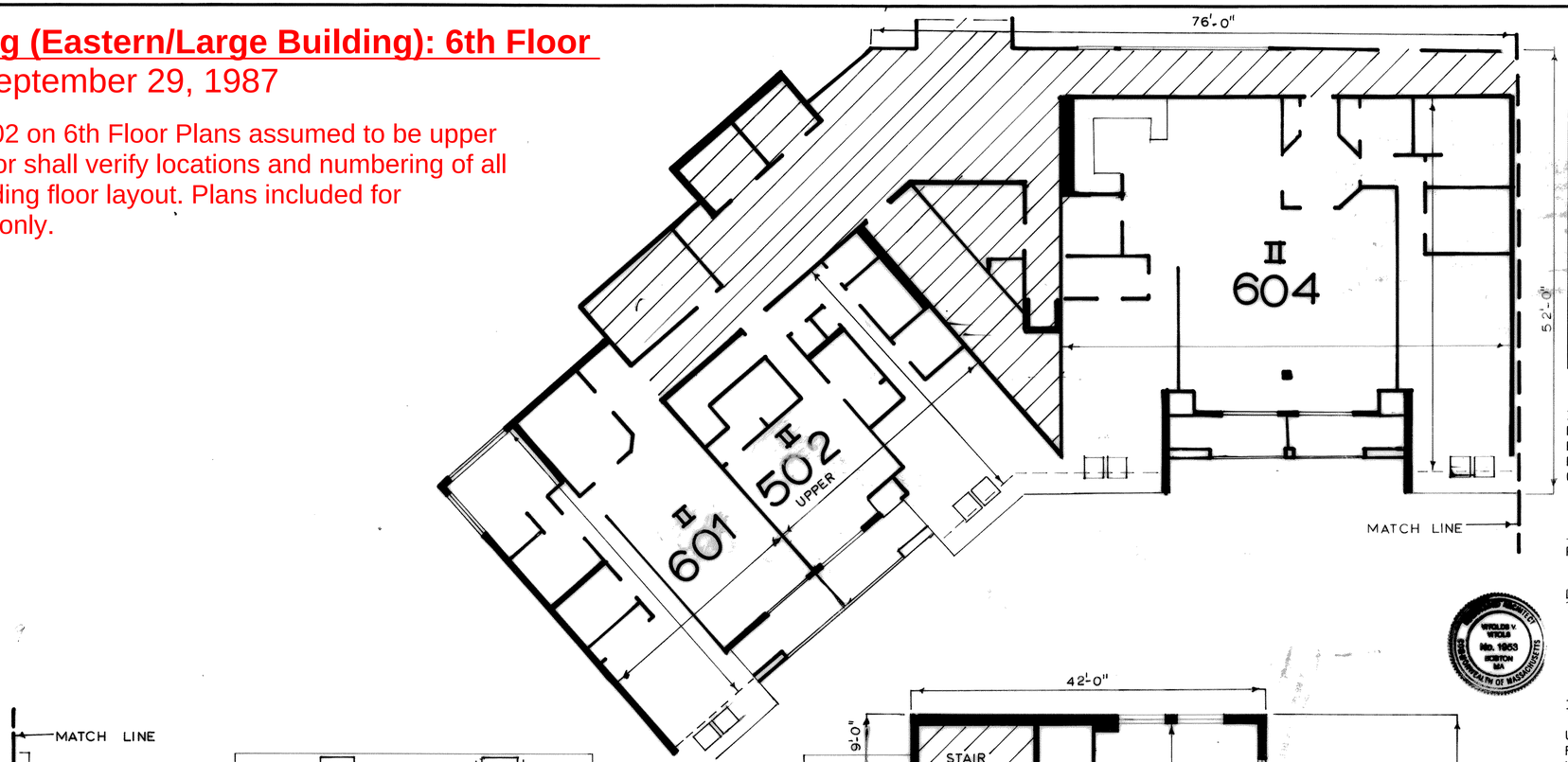
SHEET 16

KELLY GRAPHICS INC.

Phase 2 Building (Eastern/Large Building): 6th Floor

Registry Date: September 29, 1987

Notes: Unit labeled 502 on 6th Floor Plans assumed to be upper level of unit. Contractor shall verify locations and numbering of all units and current building floor layout. Plans included for information purposes only.



RESERVED FOR REGISTRY USE

PLAN BOOK 231 PLAN 20
Sept. 29, 1987
And misty Deed, 9 apart
Landing Condominium and
9205 232
John L ... Jr.
8 pcs.

20
231
8 pcs.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9/22/87

VITOLS V. VITOLS No. 1953 BOSTON MA REGISTERED COMMONWEALTH OF MASSACHUSETTS

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 601, 602, 603, 604, 605, 606, 607, 608, 609.

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

9/22/87
DATE

LEGEND:

⇨	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

SCALE | DATE

DRAWN | CHECK | JOB NO.

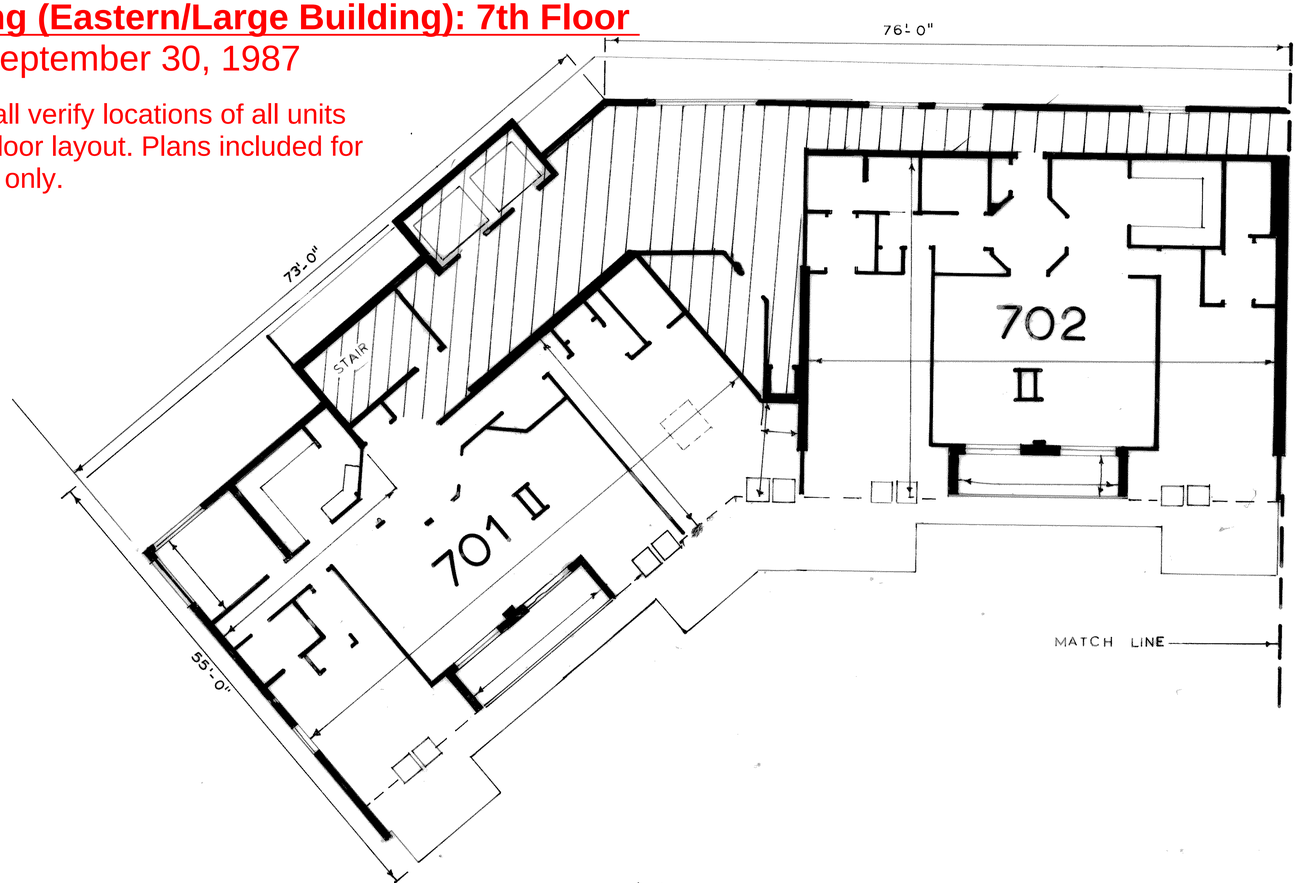
SHEET 17

KELLY GRAPHICS INC.

Phase 2 Building (Eastern/Large Building): 7th Floor

Registry Date: September 30, 1987

Notes: Contractor shall verify locations of all units and current building floor layout. Plans included for information purposes only.



LEGEND:

➡	ENTRANCE
S.F.	SQUARE FEET
DN	DOWN
▨	COMMON AREA
▩	ADJOINING UNITS

9/20/23 8pm

RESERVED FOR REGISTRY USE

PLAN BOOK 231 PLAN 22
ESSEX REGISTRY OF DEEDS, SO. DIST.
SALEM, MASS.
Received Sept 30, 1987
with Rmd Mass deed, Seaport Landing Condominium rec'd
Rec. Bk. 9705 Pg. 232
Attest: John F. O'Brien Jr
Register of Deeds
8pm

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN CONFORMITY WITH THE RULES AND REGULATIONS OF THE REGISTRY OF DEEDS OF THE COMMONWEALTH OF MASSACHUSETTS.

REGISTERED ARCHITECT

DATE: 9/22/87

REGISTERED ARCHITECT VITOLDS V. VITOLS No. 1963 BOSTON MA COMMONWEALTH OF MASSACHUSETTS

I CERTIFY THAT THESE PLANS SHOW UNIT AND THE IMMEDIATE ADJOINING UNITS AND COMMON AREA AND THEY FULLY AND ACCURATELY DEPICT THE LAYOUT, LOCATION, DIMENSIONS, MAIN ENTRANCE, APPROXIMATE AREA, AND IMMEDIATE COMMON AREA TO WHICH IT HAS ACCESS, AS BUILT.

REGISTERED ARCHITECT

I CERTIFY THAT THIS PLAN FULLY AND ACCURATELY DEPICTS THE LAYOUT, LOCATION, NUMBER AND DIMENSIONS OF THE UNITS DESIGNATED NOS. 701, 702, 703, 704, 705, 706, 707, 708, 709.

INTERIOR PARKING SPACES NOS. AND COMMON AREA AT 150 LYNNWAY, LYNN, MA., AS BUILT.

REGISTERED ARCHITECT

9/22/87

DATE

GRAPHIC SCALE
0 2 4 6 8 10 20 FT.

PHASE 2 CONDOMINIUMS
LYNN, MA.

SEAPORT LANDING

VITOLS ASSOCIATES ARCHITECTS/PLANNERS
1230 STATLER OFFICE BUILDING, BOSTON, MASS. 02116

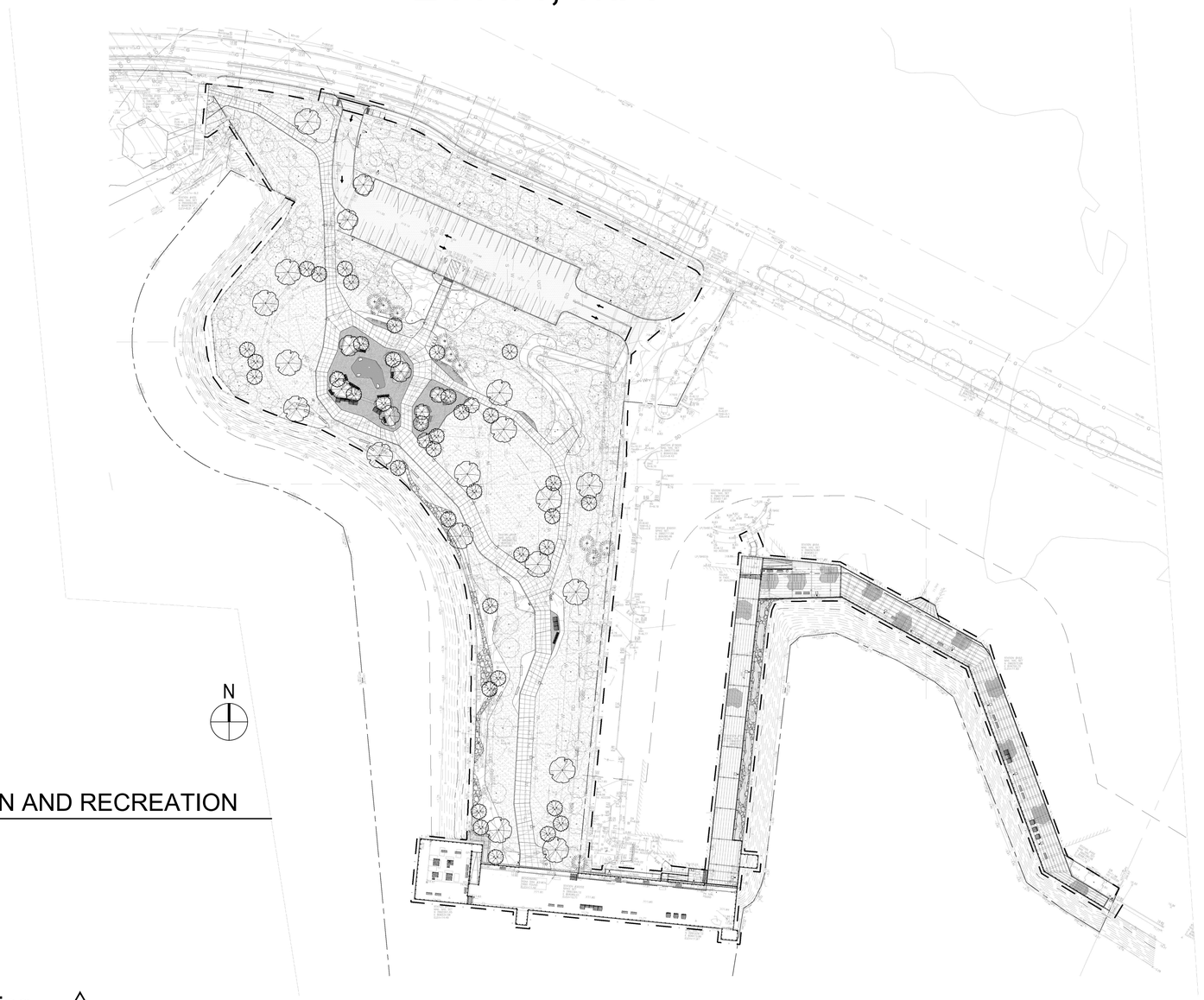
SCALE | DATE | DRAWN | CHECK | JOB NO.

SHEET 18

KELLY GRAPHICS INC

DEPARTMENT OF CONSERVATION AND RECREATION

VETERANS MEMORIAL PARK
WATERFRONT IMPROVEMENTS & BOARDWALK RECONSTRUCTION
LYNN, MA



N

DEPARTMENT OF CONSERVATION AND RECREATION
10 Park Plaza, Suite 6620
Boston, MA 02116
617-626-1250

DCR Project Manager:
Patrice Kish
Chief, Division of Design & Engineering

PROJECT NUMBER: P24-3573-C1A (A1 Revise project number)

BROWN, RICHARDSON + ROWE

LANDSCAPE ARCHITECTS AND PLANNERS
65 FRANKLIN ST, 4TH FLOOR
BOSTON, MA 02110

T: 617 . 542 . 8552 F: 617 . 542 . 8517
WWW.BROWNROWE.COM

dcr Massachusetts

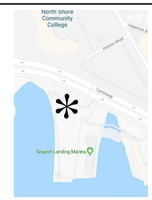
Foth

Stantec
Stantec Consulting Services Inc.
45 Blue Sky Drive, 3rd Floor
Burlington, MA 01803
Tel: 781.221.1000
www.stantec.com

VETERANS MEMORIAL PARK
WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:



DRAWING TITLE:

COVER SHEET

ACCESSION #:104933x

DESIGNED: DA

DRAWN: AN/HV CHECKED: DA

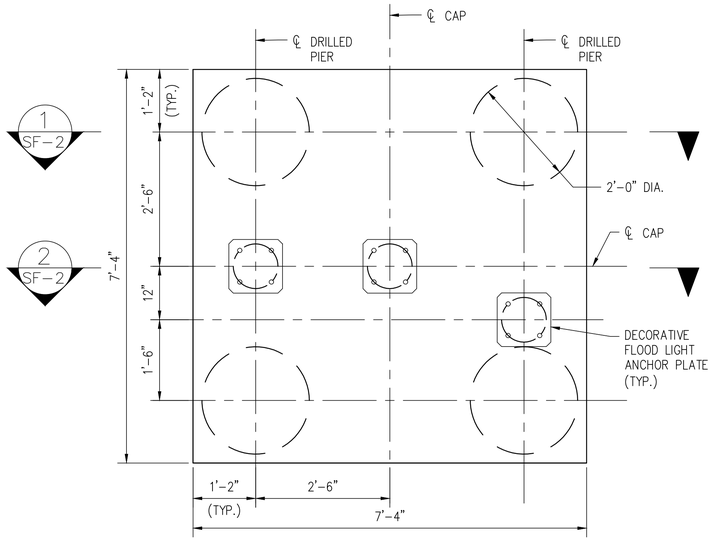
DATE: NOVEMBER 12, 2025

SCALE:

SUBMISSION: BID SET

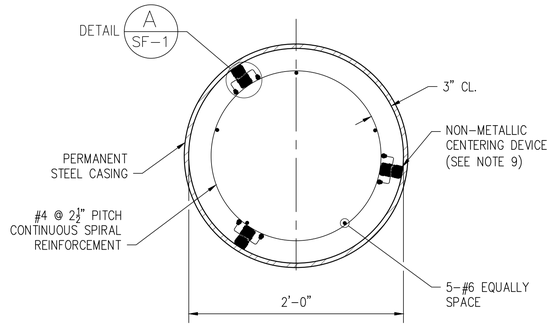
DRAWING NO.

V-0



DRILLED SHAFT CAP AT FIXTURE ID C08, C09, C10 - PLAN

SCALE: 3/4" = 1'-0"



SECTION 3 SF-2

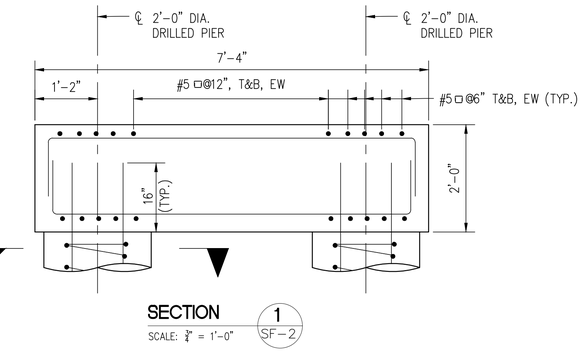
NOT TO SCALE

POLE MOUNTED LUMINAIRE DRILLED SHAFT TABLE		
FIXTURE ID	"D"	"L"
A01	2'-6"	10'-0"
A02	2'-6"	10'-0"
A03	2'-6"	10'-0"
A04	2'-6"	10'-0"
A05	2'-6"	10'-0"
A06	2'-6"	10'-0"
A07	2'-6"	26'-0"
A08	2'-6"	26'-0"
A09	2'-6"	10'-0"
A10	2'-6"	10'-0"
A11	2'-6"	26'-0"
A12	2'-6"	26'-0"
A13	2'-6"	26'-0"
A14	2'-6"	26'-0"
B01	2'-6"	10'-0"
B02	2'-6"	10'-0"
B03	2'-6"	10'-0"
B04	2'-6"	10'-0"
B05	2'-6"	10'-0"
B06	2'-6"	10'-0"
B07	2'-6"	10'-0"
B08	2'-6"	10'-0"
B09	2'-6"	10'-0"
B10	2'-6"	10'-0"

A1

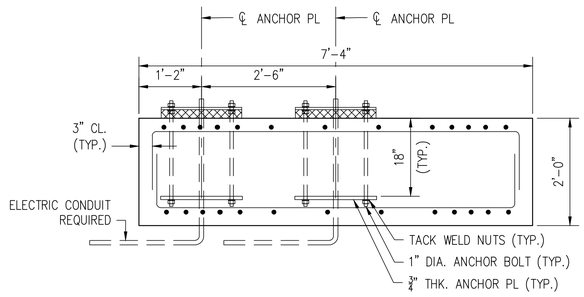
DECORATIVE FLOOD LIGHT POLE DRILLED SHAFT TABLE		
FIXTURE ID	"D"	"L"
C01	2'-6"	10'-0"
C02,C03*	3'-6"	10'-0"
C04	2'-6"	10'-0"
C05	2'-6"	10'-0"
C06	2'-6"	10'-0"
C07	2'-6"	10'-0"
C08,C09,C10*	2'-0"	26'-0"

* DENOTES SHARED FOUNDATION



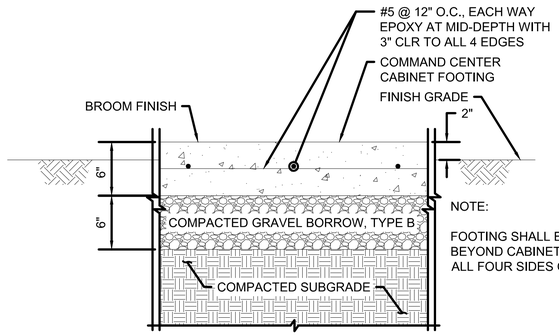
SECTION 1 SF-2

SCALE: 3/4" = 1'-0"



SECTION 2 SF-2

SCALE: 3/4" = 1'-0"



COMMAND CENTER CABINET FOOTING DETAIL

NOT TO SCALE

A1

NOTES:

1. SEE FOUNDATION NOTES ON SHEET SF-1.
2. FOR FIXTURES B11 TO B22, THE LIGHT POLE LOCATIONS AND LIGHT POLE SUPPORT DETAILS CAN BE FOUND ON COASTAL SHEETS MS-4, MS-11, MS-14, MS-15, AND MS-19.

BROWN, RICHARDSON + ROWE

LANDSCAPE ARCHITECTS AND PLANNERS
65 FRANKLIN ST, 4TH FLOOR
BOSTON, MA 02110

T: 617 . 542 . 8552 F: 617 . 542 . 8517
WWW.BROWNROWE.COM

dcr Massachusetts

Foth

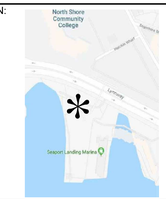
Stantec
Stantec Consulting Services Inc.
45 Blue Sky Drive, 3rd Floor
Burlington, MA 01803
Tel: 781.221.1000
www.stantec.com

VETERANS MEMORIAL PARK

WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS — ERIK S. VILMUNEN STRUCTURAL No. 41593 — REGISTERED PROFESSIONAL ENGINEER

Erik Vilmunen
2026.03.13 15:13:59-04'00'

DRAWING TITLE:

PARK LIGHTING FOUNDATION DETAILS SHEET 2 OF 2

ACCESSION #:104982x

DESIGNED: NJS

DRAWN: NJS CHECKED: ESV

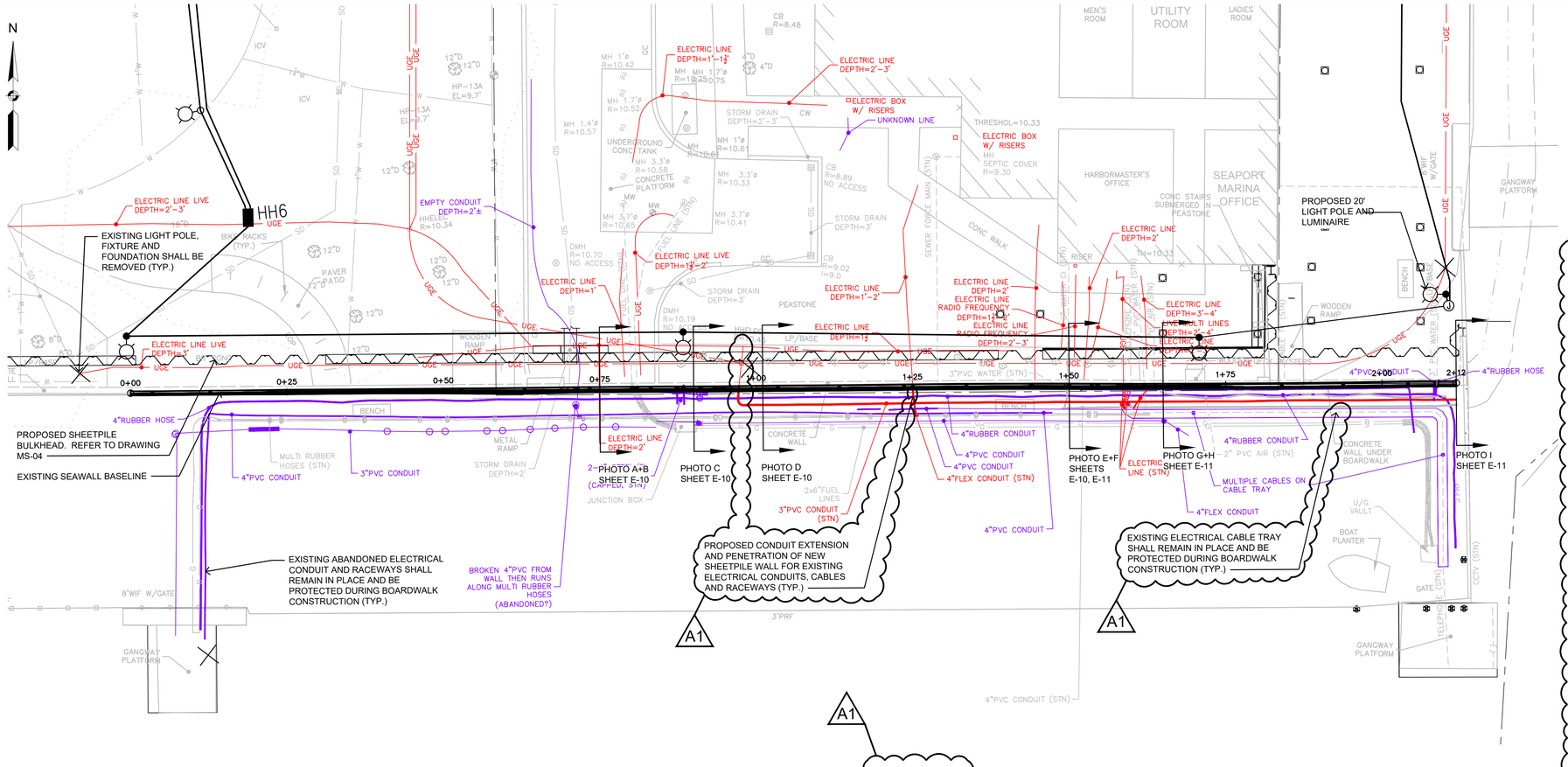
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

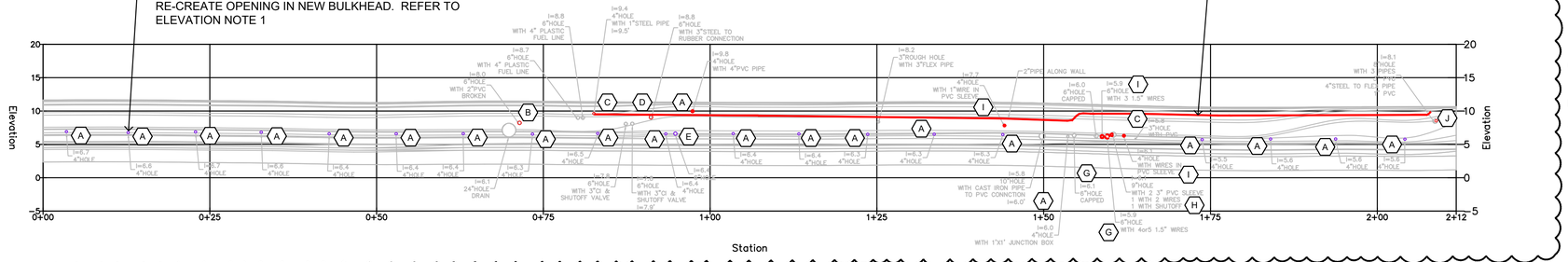
DRAWING NO.

SF-2



A ENLARGED BOARDWALK EXISTING UTILITY PLAN AND BASELINE

SCALE: 1" = 10'–0"



B EXISTING SEAWALL UTILITY ELEVATION

SCALE: 1" = 10'–0"

ELEVATION NOTES:

1. IF AFTER FIELD VERIFICATION IT IS CONFIRMED THAT OTHER/UNKNOWN CONDUIT OPENINGS ARE ONLY AS DEEP AS THE THICKNESS OF EXISTING SEAWALL AND DOES NOT CONTINUE FURTHER INLAND/NORTH, THEN THE CONTRACTOR SHALL PROVIDE NEW 4" OR 6" SCH. 80 CONDUIT OPENINGS AT EQUIVALENT ELEVATION AS EXISTING IN NEW SHEETPILE BULKHEAD.

KEY NOTES:

A. 4" PVC
B. 2" PVC
C. 1" RGS
D. 3" RGS/FLEX
E. 6" PVC
F. 3" PVC/HOSE
G. 6" PVC/EMT
H. 9" EMT
I. 3" PVC
J. 4" RGS, 1" PVC, 3" PVC

GENERAL DRAWING NOTES:

1. DRAWING IS INTENDED TO BE PLOTTED IN COLOR.
2. REFER TO DRAWINGS E-2 THROUGH E-5 FOR PROPOSED SITE LAYOUT PLAN DRAWINGS.
3. REFER TO UTILITY DRAWINGS UT-1 THROUGH UT-6 FOR GAS, WATER, SEWAGE, AIR AND OTHER UTILITY COORDINATION DRAWINGS INCLUDING A GENERAL SOUTH BOARDWALK PLAN.
4. REFER TO FUEL SYSTEM DRAWINGS (FS-1 THROUGH FS-4) FOR APPROXIMATE LOCATION OF FUEL SYSTEM RELATED COMPONENTS, INCLUDING BUT NOT LIMITED TO TRANSITION SUMPS, UNDERGROUND PIPING AND UNDERGROUND CONDUIT.
5. ALL UTILITIES DEPICTED ON THIS SHEET ARE EXISTING AS IDENTIFIED THROUGH PREVIOUS SURVEY. THE DETAILS SERVE TO PROVIDE GUIDANCE OF THE SCOPE OF WORK FOR THE CONTRACTOR THEY ARE NOT ALL INCLUSIVE.

UTILITY NOTES:

1. CONTRACTOR SHALL PERFORM FIELD VERIFICATION OF ALL EXISTING ELECTRICAL UTILITIES, INCLUDING BUT NOT LIMITED TO POWER, CONTROL, AND COMMUNICATIONS CABLING, PRIOR TO ANY CONSTRUCTION ACTIVITIES.
   - 1.1. CONTRACTOR SHALL UTILIZE APPROPRIATE METHODS INCLUDING LINE TRACING, GROUND PENETRATING RADAR (GPR), HAND-DUG TEST PITS AND/OR OTHER SUBSURFACE INVESTIGATION TECHNIQUES TO IDENTIFY ROUTING, DEPTH, AND EXTENTS OF ALL UTILITIES, INCLUDING THOSE SHOWN AS UNKNOWN OR NOT INDICATED ON THE DRAWINGS.
   - 1.2. ALL FINDINGS SHALL BE DOCUMENTED AND SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO PROCEEDING WITH WORK IMPACTING EXISTING UTILITIES.
   - 1.3. THE NUMBER, SIZE, TYPE, LOCATION, AND CONDITION OF EXISTING UTILITIES ARE NOT FULLY KNOWN. CONTRACTOR SHALL DETERMINE THESE THROUGH FIELD INVESTIGATION AND SHALL INCLUDE SUFFICIENT ALLOCATION IN THE BID TO COMPLETE THE WORK.
2. CONTRACTOR SHALL PROTECT ALL EXISTING ELECTRICAL UTILITIES TO REMAIN. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL COORDINATE ALL UTILITY RELOCATIONS AND OUTAGES WITH THE OWNER PRIOR TO DISCONNECTION OR INTERRUPTION OF SERVICE.
3. EXISTING CONDUITS, RACEWAYS, AND CABLING IDENTIFIED AS CONFLICTING WITH THE PROPOSED SEA WALL ALIGNMENT SHALL BE ISOLATED, DISCONNECTED, AND REMOVED OR PULLED BACK TO A SUITABLE LOCATION AS DETERMINED DURING FIELD VERIFICATION AND APPROVED BY THE ENGINEER. CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORT AND PROTECTION FOR ANY UTILITIES REMAINING IN SERVICE DURING CONSTRUCTION.
4. FOLLOWING CONSTRUCTION OF THE NEW SEA WALL, CONTRACTOR SHALL INSTALL NEW SLEEVES, PENETRATIONS, AND RACEWAYS AS REQUIRED TO RE-ESTABLISH ALL ELECTRICAL SERVICES. ALL NEW INSTALLATIONS SHALL BE SUITABLE FOR A COASTAL/MARINE ENVIRONMENT, INCLUDING CORROSION-RESISTANT MATERIALS AND WATERTIGHT SEALING OF ALL PENETRATION
5. CONTRACTOR SHALL EXTEND EXISTING ELECTRICAL SYSTEMS AS REQUIRED TO SUIT THE NEW ALIGNMENT. ALL EXTENSIONS SHALL MATCH EXISTING SYSTEM CHARACTERISTICS (VOLTAGE, CONDUCTOR TYPE, INSULATION, ETC.) UNLESS OTHERWISE NOTED. SPLICES SHALL BE MINIMIZED AND ONLY PERMITTED IN APPROVED, ACCESSIBLE, AND WEATHERPROOF ENCLOSURES.
6. CONTRACTOR SHALL INCLUDE IN THE BID ALL COSTS ASSOCIATED WITH LOCATING, IDENTIFYING, DISCONNECTING, SUPPORTING, PROTECTING, RELOCATING, AND RECONNECTING ALL ELECTRICAL UTILITIES WITHIN THE PROJECT LIMITS, INCLUDING UTILITIES NOT SHOWN ON THE DRAWINGS.
7. UTILITIES WORK LIMITS SHALL BE 10' IN ALL DIRECTIONS FROM NEW SEAWALL INSTALLATION AND ALL SPACE UNDER THE EXISTING/NEW BOARDWALK.

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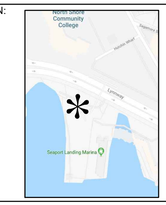
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VETERANS MEMORIAL PARK
WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
DAVID M. GLENNON
ELECTRICAL
No. 46566
REGISTERED PROFESSIONAL ENGINEER

03/17/2026

DRAWING TITLE:

SOUTH BOARDWALK UTILITIES ELECTRICAL SHEET 7 OF 7

ACCESSION #:104999x

DESIGNED: AJB

DRAWN: HAB CHECKED: AJB

DATE: NOVEMBER 12, 2025

SCALE: 1" = 10'

SUBMISSION: BID SET

DRAWING NO.

UT-7

PROJECT NOTES:

DESIGN CRITERIA:

1. THE COMPLETED STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE OF THE STATE OF MASSACHUSETTS.

2. THE COMPLETED STRUCTURE HAS BEEN DESIGNED TO WITHSTAND THE FOLLOWING DESIGN LIVE LOADS APPLIED IN CONJUNCTION WITH DESIGN DREDGE/MUDLINE ELEVATIONS INDICATED ON THE CONTRACT DRAWINGS:

   LIVE LOADS:
   DESIGN LIVE LOADS: 100 PSF UNIFORM LOAD

   WIND LOADS: PER ASCE 7 - 10
   BASIC WIND SPEED: 118 MPH
   BUILDING EXPOSURE: D
   BUILDING CATEGORY: I
   BUILDING IMPORTANCE FACTOR 1.0

   SEISMIC LOADS: PER ASCE 7 - 10
   SITE CLASS E
   SPECTRAL RESPONSE ACCELERATIONS Ss 0.232g
   S1 0.071g
   SMs 0.580g
   SM1 0.250g
   SPECTRAL RESPONSE ACCELERATIONS SDs 0.387g
   SD1 0.166g

3. DESIGN WAVE HEIGHTS AND TIDAL CURRENT VELOCITIES TAKEN FROM THE WOODS HOLE REPORT ENTITLED, LYNN HARBOR WATERFRONT COASTAL PROCESSES ASSESSMENT, DATED MAY 2019.

WAVE PERIOD	7.2 SECONDS
AVERAGE WIND-GENERATED WAVES	APPROX. WAVE HEIGHT = 0.75 FT
AVERAGE OCEAN SWELL WAVES	APPROX. WAVE HEIGHT = 0.98 FT
DESIGN WAVE / STORM WIND-GENERATED WAVES	APPROX. WAVE HEIGHT = 2.90 FT
STORM OCEAN SWELL WAVES	APPROX. WAVE HEIGHT = 2.30 FT
PEAK TIDAL VELOCITY OUTGOING TIDES	APPROX. 2.7 FEET PER SECOND
PEAK TIDAL VELOCITY INCOMING TIDES	APPROX. 2.7 FEET PER SECOND

4. DESIGN BASED ON RETURN PERIOD STORM LEVELS ASSOCIATED WITH THE YEAR 2070, 50 YEAR STORM EVENT TAKEN FROM MODEL OUTPUT OBTAINED FROM THE MASSACHUSETTS COASTAL FLOOD RISK MODEL (MC-FRM) AND PROVIDED BY WOODS HOLE GROUP AS FOLLOWS:

BENCHMARK / RETURN PERIOD	YEAR 2070 (NAVD88)
MEAN TIDE LINE (MTL)	3.89 FT
MEAN HIGH WATER (MHW)	8.47 FT
MEAN HIGHER HIGH WATER (MHHW)	8.91 FT
10-YEAR RETURN PERIOD	11.5 FT
50-YEAR RETURN PERIOD	12.9 FT
100-YEAR RETURN PERIOD	13.8 FT

5. COORDINATES, IN U.S. SURVEY FEET, ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983, (2011), Epoch 2010.00, BASED ON THE KeyNet GPS VIRTUAL REFERENCE SYSTEM (VRS).

6. ELEVATIONS, IN U.S. SURVEY FEET, ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) BASED ON THE KeyNet GPS VIRTUAL REFERENCE SYSTEM (VRS) NETWORK.

7. CONTOURS ARE IN FEET, AND REFER TO ELEVATIONS IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

8. TIDAL DATA IS PER NOAA AVERAGES BASED ON THE 1983-2001 TIDAL EPOCH AND NOT GUARANTEED TO REPRESENT CONDITIONS WHICH MAY OCCUR DURING CONSTRUCTION. ACTUAL WATER LEVELS WILL VARY FROM LEVELS INDICATED. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN ESTIMATES OF WATER LEVELS WHICH MAY OCCUR DURING CONSTRUCTION.

9. TOPOGRAPHY & HYDROGRAPHIC SURVEYS ALONG WITH EXISTING CONDITIONS, SITE FEATURES, AND UTILITIES BASED ON INFORMATION PROVIDED BY BROWN, RICHARDSON, & ROWE, INC. AND SURVEYS BY SURVEYING AND MAPPING CONSULTANTS ON OCTOBER 2018 AND FOTH INFRASTRUCTURE & ENVIRONMENTAL, INC. ON SEPTEMBER 5, 2018.

10. SUBSURFACE UTILITY LINES AND FEATURES, AS SHOWN HEREON, WERE COMPILED FROM FIELD EVIDENCE OR AVAILABLE RECORD INFORMATION (SEE REFERENCES ON SHEET V-1 AND V-2), AND THEIR LOCATIONS ARE ONLY APPROXIMATE. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD.

6. PROPERTY LINES & WETLANDS OBTAINED FROM THE MA GIS DATABASE.

7. THE ENTIRE PROJECT SITE WORK AREA IS WITHIN LAND SUBJECT TO COASTAL STORM FLOWAGE. FEMA FLOOD ZONE VE (EL. 18) REFERENCED FROM MAP# 25009C0529G DATED 7/16/14.

8. THE HISTORIC HIGH WATER (HHW) LOCATION, AS SHOWN ON THE PLAN ARE FROM MA GIS DATABASE TIDELANDS JURISDICTION (M.G.L. Ch 91) DATALAYERS, AS DETERMINED BY MASSACHUSETTS CHAPTER 91 MAPPING PROJECT, PREPARED BY BSC GROUP, 2006.

9. COASTAL BANK LINE PROVIDED BY LEC ENVIRONMENTAL CONSULTANTS, INC. ON OCTOBER 25, 2018. (WETLAND PROTECTION PROGRAM POLICY 92-1, STANDARD D, FIGURE 4).

10. INFORMATION ON EXISTING BOARDWALK/WHARF STRUCTURES, PAVILION SHADE STRUCTURE AND RIP-RAP STONE REVETMENTS (SLOPE PROTECTION) TAKEN FROM THE DRAWING SET ENTITLED, "LYNN HERITAGE STATE PARK, PHASE 3A - LYNN, MASSACHUSETTS" BY HAYDEN, HARDING & BUCHANAN, INC. CONSULTING ENGINEERS, DATED SEPTEMBER, 1983

11. THE STRUCTURES HAVE BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER CONSTRUCTION IS COMPLETE. THE STABILITY OF THE STRUCTURES PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY EXTENDS TO RELATED ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, ERECTION METHODS, ERECTION SEQUENCE, CONNECTIONS, TEMPORARY BRACING, FORMS, SHORING, USE OF EQUIPMENT, AND SIMILAR CONSTRUCTION PROCEDURES. REVIEW OF CONSTRUCTION BY THE OWNER AND ENGINEER OF RECORD IS FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS ONLY. LACK OF COMMENT BY THE OWNER AND ENGINEER OF RECORD WITH REGARD TO CONSTRUCTION PROCEDURES SHALL NOT BE INTERPRETED AS APPROVAL OR ACCEPTANCE OF SUCH PROCEDURES.

GENERAL CONDITIONS:

1. NO GUARANTEE TO THE ACCURACY OF THE REFERENCE DOCUMENTS IS PROVIDED HEREIN AND THE CONTRACTOR SHALL RELY ON HIS OWN FIELD VERIFICATION FOR ITEMS SO REQUIRED.

2. SECTIONS, DETAILS, NOTES, DIMENSIONS AND CONDITIONS ARE APPLICABLE AT ANY OTHER LOCATION WHERE CONDITIONS AND DETAIL ARE SIMILAR BUT ARE NOT SPECIFICALLY NOTED AS SUCH OR ARE NOT SHOWN.

3. THE CONTRACTOR SHALL PERFORM THE WORK IN A MANNER THAT DOES NOT IMPEDE THE OWNER'S OPERATIONS ON SITE OR THE OWNER'S ON SITE OPERATING EQUIPMENT.

4. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND FABRICATION OF CONSTRUCTION MATERIALS .

5. IF, DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR FINDS A CONFLICT, ERROR, OR DISCREPANCY IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SO REPORT TO THE ENGINEER OF RECORD IN WRITING AT ONCE. BEFORE PROCEEDING WITH THE WORK AFFECTED THEREBY, THE CONTRACTOR SHALL OBTAIN A WRITTEN INTERPRETATION OR CLARIFICATION FROM THE ENGINEER OF RECORD. WORK DONE BEFORE THE ENGINEER OF RECORD RENDERS HIS DECISION IS AT THE CONTRACTOR'S SOLE RISK.

6. THE WORK SHALL BE PERFORMED IN A GENERAL SEQUENCE DEVELOPED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW, IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE SEQUENCES AND PROCEDURES TO BE USED.

7. THE CONTRACTOR SHALL FURNISH AND COORDINATE PLANT, LABOR, SUPERVISION, MATERIALS, EQUIPMENT AND APPLIANCES FOR DEMOLITION AND/OR CONSTRUCTION WORK IN CONNECTION WITH THE DEMOLITION AND/OR CONSTRUCTION OF THE MARINE FACILITIES.

8. THE OWNER HAS SECURED CERTAIN PERMITS REQUIRED BY FEDERAL, AND STATE AUTHORITIES FOR THE PROPOSED ACTIVITIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM THE WORK IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE PERMITS. THE CONTRACTOR SHALL POST COPIES OF THE PERMITS AT THE SITE THROUGHOUT THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN PERMITS ASSOCIATED WITH THE LEGAL DISPOSAL OF CONSTRUCTION DEBRIS. THE CONTRACTOR SHALL SECURE REQUIRED LOCAL AUTHORIZATIONS AND PERMITS.

9. SPECIAL INSPECTION REQUIREMENTS PER LOCAL AND/OR STATE BUILDING CODES SHALL BE FULFILLED AND SHALL BE COORDINATED BY THE OWNER. THE CONTRACTOR SHALL INFORM THE OWNER OF THE PROGRESS OF WORK AND PROVIDE ADEQUATE NOTICE AS TO WHEN SPECIAL INSPECTIONS ARE TO OCCUR SUCH AS TO NOT DELAY THE SCHEDULE.

10. THE CONTRACTOR SHALL FURNISH MATERIALS FOR INSTALLATION IN THE COMPLETED WORK AS SPECIFIED HEREINAFTER. THE CONTRACTOR SHALL HANDLE THESE MATERIALS AS THEY ARE DELIVERED TO THE SITE OR OFF-SITE WORK AREAS, AND SHALL STORE THEM IN A DESIGNATED STORAGE AREA.

11. THE CONTRACTOR WILL INDEMNIFY AND SAVE HARMLESS THE OWNER AND ENGINEER OF RECORD FROM AND AGAINST ALL LOSSES AND ALL CLAIMS, DEMANDS, PAYMENTS, SUITS, ACTIONS, RECOVERIES, AND JUDGMENTS OF EVERY NATURE AND DESCRIPTION BROUGHT OR RECOVERED AGAINST THE OWNER AND ENGINEER OF RECORD BY REASON OF ANY ACT OR OMISSION OF THE CONTRACTOR, OR OF ANY SUBCONTRACTOR TO THE CONTRACTOR, OR OF ANY PERSON DIRECTLY OR INDIRECTLY EMPLOYED BY THE CONTRACTOR OR ANY SUCH SUBCONTRACTOR, IN THE PERFORMANCE OF ANY WORK FOR, OR THE RENDERING OF ANY SERVICES TO, THE OWNER.

12. THE CONTRACTOR AGREES THAT, AT ITS OWN COST AND EXPENSE, IT SHALL PROCURE AND CONTINUE IN FORCE; INSURANCE COVERAGE AS REQUIRED BY THE OWNER. SUCH INSURANCE SHALL BE WRITTEN BY A COMPANY OR COMPANIES AUTHORIZED TO ENGAGE IN THE BUSINESS OF GENERAL LIABILITY INSURANCE IN THE STATE IN WHICH THE DEMISED PREMISES ARE LOCATED, AND THERE SHALL BE DELIVERED TO THE OWNER WITH THE BID CUSTOMARY CERTIFICATES EVIDENCING SUCH PAID-UP INSURANCE, WHICH CERTIFICATES ARE TO BE ISSUED BY THE INSURANCE COMPANIES. GOOD AND RESPONSIBLE COMPANIES, REASONABLY ACCEPTABLE TO THE OWNER, SHALL WRITE SUCH INSURANCE.

13. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE ACCURACY OF LOCATIONS, DIMENSIONS, AND LEVELS AND NO PLEA AS TO INSTRUCTIONS OR ORDER RECEIVED FROM OTHER SOURCES OTHER THAN INFORMATION CONTAINED ON CONTRACT DRAWINGS, SPECIFICATIONS OR IN WRITTEN ORDERS OF THE OWNER OR ENGINEER OF RECORD SHALL JUSTIFY DEPARTURE FROM THE DIMENSIONS AND ELEVATIONS REQUIRED BY THE CONTRACT DRAWINGS.

14. THE CONTRACTOR SHALL TAKE HIS OWN MEASUREMENTS AT THE SITE, VERIFYING THE SAME WITH THE CONTRACT DRAWINGS AND EXISTING FACILITIES, AND WILL BE HELD RESPONSIBLE FOR THE PROPER FIT AND ALIGNMENT OF COMPLETED WORK IN POSITION.

15. THE CONTRACTOR SHALL GUARANTEE TO THE OWNER MATERIALS AND WORKMANSHIP AGAINST ORIGINAL DEFECTS, OR AGAINST INJURY FROM PROPER AND USUAL WEAR WHEN USED FOR THE PURPOSE INTENDED, FOR TWELVE (12) MONTHS AFTER DATE OF FINAL PAYMENT CERTIFICATIONS, AND SHALL MAINTAIN ITEMS IN PERFECT CONDITION DURING THE PERIOD OF GUARANTEE. DEFECTS APPEARING DURING THE PERIOD OF GUARANTEE SHALL BE MADE GOOD BY THE CONTRACTOR AT HIS EXPENSE UPON DEMAND OF THE OWNER, IT BEING REQUIRED THAT WORK SHALL BE IN PERFECT CONDITION WHEN THE PERIOD OF GUARANTEE SHALL HAVE ELAPSED. IN THE EVENT OF DEFAULT BY THE CONTRACTOR, THE COMPANY SHALL HAVE THE RIGHT TO MAKE GOOD DEFECTS AND BILL THE CONTRACTOR COST PLUS 15% FOR ADMINISTRATION FEES.

16. AT THE CONTRACTOR'S EXPENSE, THE CONTRACTOR'S WORKING AREAS SHALL BE CLEANED BY HIM ON A DAY-TO-DAY BASIS, WITH RUBBISH REMOVED FROM THE SITE AND WORK AREAS CLEANED AT THE END OF EACH DAY. AT FINAL COMPLETION OF WORK THE CONTRACTOR SHALL LEAVE THE ENTIRE PREMISES, WITHIN THE SITE OF HIS OPERATIONS, CLEAN AND FREE FROM THE RUBBISH RESULTING FROM HIS CONSTRUCTION OPERATIONS.

17. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE AND MAINTAIN UTILITIES HE DEEMS NECESSARY TO AFFECT THE WORK.

18. THE CONTRACTOR SHALL PROVIDE FIELD ENGINEERING SERVICES REQUIRED FOR PROPER COMPLETION OF THE WORK INCLUDING, BUT NOT NECESSARILY LIMITED TO: ESTABLISHING AND MAINTAINING LINES AND LEVELS; STRUCTURAL DESIGN OF SHORES, FORMS, AND SIMILAR ITEMS PROVIDED BY THE CONTRACTOR AS PART OF HIS MEANS AND METHODS OF CONSTRUCTION.

19. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AT HIS EXPENSE REQUIRED FIRE PROTECTION SYSTEMS AND DEVICES, THROUGHOUT THE PERIOD OF CONSTRUCTION, AS NECESSARY TO SAFELY PERFORM THE WORK IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS. .

20. THE CONTRACTOR SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS FOR PROTECTION OF THE ENVIRONMENT DURING THE WORK. ENSURE THAT PERSONNEL ARE PROPERLY TRAINED AND THAT SUFFICIENT EQUIPMENT AND MATERIALS ARE READILY AVAILABLE FOR USE IF REQUIRED. ABIDE BY STATE AND FEDERAL SPILL REPORTING REQUIREMENTS.

21. THE OWNER RESERVES THE RIGHT TO CHARGE THE CONTRACTOR FOR ADDITIONAL ENGINEERING SERVICES IF REQUIRED DUE TO THE CONTRACTOR'S ACTIONS OR INACTIONS.

22. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF HIS OPERATIONS. THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS FOR THE SAFETY OF, AND SHALL PROVIDE REASONABLE PROTECTION TO PREVENT DAMAGE, INJURY, OR LOSS TO PERSONS EMPLOYED BY THE CONTRACTOR IN PERFORMANCE OF THE WORK, AND PERSONS NEARBY THAT MAY BE AFFECTED BY THE CONTRACTOR'S OPERATIONS OR THE WORK, INCLUDING EQUIPMENT AND MATERIALS WHICH WILL BE INCORPORATED IN THE WORK, AND OTHER PROPERTIES AND STRUCTURES AT THE SITE, OR ON ADJACENT PROPERTIES.

23. OBSTRUCTIONS ARE DEFINED AS UNFORESEEN OBJECTS, WHICH IMPEDE PROGRESS. OBJECTS, WHICH ARE MADE KNOWN TO THE CONTRACTOR, WILL NOT BE CONSIDERED TO BE OBSTRUCTIONS. NOTIFY THE ENGINEER OF RECORD IMMEDIATELY UPON ENCOUNTERING OBSTRUCTIONS. NO CONSIDERATION WILL BE GIVEN FOR ADDITIONAL COMPENSATION ON THIS ACCOUNT WITHOUT THIS TIMELY NOTIFICATION.

24. NO SUBSTITUTIONS WILL BE PERMITTED FOR MATERIALS SPECIFIED HEREIN UNLESS THE CONTRACTOR RECEIVES WRITTEN AUTHORIZATION FROM THE OWNER / ENGINEER OF RECORD.

SELECTIVE DEMOLITION AND DISPOSAL

1. SELECTIVE DEMOLITION AND DISPOSAL SHALL BE PERFORMED IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL PERMIT AND BUILDING CODE REQUIREMENTS.

2. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THOSE STRUCTURES AND DERELICT COMPONENTS AS INDICATED ON THE DRAWINGS.

3. SELECTIVE DEMOLITION INCLUDES BUT IS NOT LIMITED TO REMOVAL AND REUSE (WHERE POSSIBLE) OF EXISTING MATERIALS, UTILITIES, AND OTHER COMPONENTS ESSENTIAL FOR A COMPLETE PROJECT.

4. THE CONTRACTOR SHALL TAKE REASONABLE CARE IN REMOVING ELEMENTS SELECTED TO BE DEMOLISHED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. DAMAGE OR DESTRUCTION BY THE CONTRACTOR TO EXISTING ELEMENTS DESIGNATED TO REMAIN SHALL BE REPAIRED OR REPLACED IN-KIND AT THE DISCRETION OF THE OWNER AT NO ADDITIONAL COST.

5. ITEMS TO BE REMOVED AND REUSED SHALL BE PLACED IN A STAGING AREA ACCESSIBLE FOR INSPECTION BY THE OWNER.

6. PRIOR TO COMMENCEMENT OF SELECTIVE DEMOLITION, THE CONTRACTOR SHALL SUBMIT A DISPOSAL PLAN FOR ITEMS TO BE DEMOLISHED. DEMOLITION MATERIAL DESIGNATED BY THE OWNER TO BE REMOVED FROM THE SITE SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE DEBRIS DISPOSAL PLAN SHALL ACKNOWLEDGE THIS OWNERSHIP AND SHALL IDENTIFY THE MEANS AND METHODS AND FINAL DISPOSITION FOR DISPOSAL MATERIALS.

7. PRIOR TO COMMENCEMENT OF DEMOLITION, THE CONTRACTOR SHALL CLEARLY MARK THE LIMITS OF THE DEMOLITION FOR REVIEW AND APPROVAL BY THE OWNER.

8. COMPLETELY REMOVE ITEMS DESIGNATED LEAVING SURFACES CLEAN, SOUND, AND READY TO RECEIVE NEW MATERIALS AS SPECIFIED IN THE CONTRACT DOCUMENTS.

9. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING THE COURSE OF DEMOLITION.

10. THE CONTRACTOR SHALL SUBMIT A DISPOSAL CERTIFICATE TO THE OWNER'S REPRESENTATIVE CERTIFYING LEGAL AND PROPER DISPOSAL.

EXCAVATING, BACKFILLING, AND COMPACTION:

1. STRUCTURAL FILL SHALL CONSIST OF BROKEN OR CRUSHED STONE, OR CRUSHED GRAVEL, OR MIXTURES THEREOF. BROKEN OR CRUSHED STONE SHALL CONSIST OF WELL-GRADED, SOUND, TOUGH, DURABLE STONE. CRUSHED GRAVEL SHALL CONSIST OF WELL-GRADED, SOUND, TOUGH, DURABLE PARTICLES OF CRUSHED OR UNCRUSHED GRAVEL FREE FROM SOFT, THIN, ELONGATED OR LAMINATED PIECES AND ORGANIC OR OTHER DELETERIOUS SUBSTANCES. STRUCTURAL FILL SHALL BE WELL GRADED WITH 100% MASS PASSING THE 90 MM (3.5") SQUARE MESH SIEVE. SUBMIT AN INDEPENDENT GRADATION ANALYSIS AND MODIFIED PROCTOR TEST FOR ENGINEER'S REVIEW. INCLUDE A REPRESENTATIVE SAMPLE OF THE FILL MATERIAL WITH THE SUBMITTAL.

2. THE CONTRACTOR SHALL EXCAVATE, BACKFILL, COMPACT, AND GRADE THE SITE TO THE ELEVATIONS AND LIMITS SHOWN AND AS NEEDED TO MEET THE REQUIREMENTS OF THE CONSTRUCTION.

3. STRUCTURAL FILL SHALL BE PLACED IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH. DO NOT PLACE FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN, CONTAINING FROST OR ICE. PLACE FILL MATERIALS EVENLY ADJACENT TO STRUCTURES, TO REQUIRED ELEVATIONS. TAKE CARE TO PREVENT WEDGING ACTION OF BACKFILL AGAINST STRUCTURES BY CARRYING THE MATERIAL UNIFORMLY AROUND THE STRUCTURE TO APPROXIMATELY THE SAME ELEVATION IN EACH LIFT.

4. GRADE THE AREAS ADJACENT TO BUILDINGS TO ACHIEVE DRAINAGE AWAY FROM THE STRUCTURES, AND TO PREVENT PONDING.

5. EXISTING GRADE ADJACENT TO THE REVETMENT SHALL REMAIN. IF DISTURBED BY CONSTRUCTION ACTIVITIES, EXISTING GRADE AND MATERIALS SHALL BE RESTORED BY THE CONTRACTOR TO PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER. A1

TEMPORARY WORK:

1. LABOR, EQUIPMENT, AND MATERIALS REQUIRED TO PERFORM THE WORK THAT, UPON COMPLETION, ARE NOT A PART OF THE WORK, SHALL BE FURNISHED, INSTALLED, AND SUBSEQUENTLY REMOVED FROM THE SITE BY THE CONTRACTOR.

2. TEMPORARY WORK SHALL BE SUBJECT TO THE REQUIREMENTS OF THE STATE AND APPLICABLE LOCAL BUILDING CODES.

3. DURING EXECUTION OF THE WORK, THE CONTRACTOR IS REQUIRED TO INSTALL AND MAINTAIN REQUIRED SEDIMENTATION AND EROSION CONTROL MEASURES TO PROTECT ADJACENT WATERWAYS, STREETS, AND PROPERTIES. MEASURES INCLUDE BUT ARE NOT LIMITED TO TEMPORARY BERMS, HAY BALES, SILT FENCES, CONTAINMENT BOOMS, AND TURBIDITY CURTAINS. IN ACCORDANCE WITH STATE REGULATORY AUTHORIZATIONS, THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN TEMPORARY TURBIDITY CURTAINS DURING CONSTRUCTION. TEMPORARY MATERIALS AND EQUIPMENT SHALL CONFORM TO REQUIREMENTS FOR TEMPORARY WORK.

DATUM OFFSETS

MLLW	NAVD88	
12.12	6.80	HTL
9.94	4.62	MHHW
9.50	4.18	MHW
5.32	0	
0.34	−4.98	MLW
0	−5.32	MLLW
−0.78	−6.10	LYNN MA CITY BASE

OFFSETS TAKEN FROM VDATUM VERSION 3.8
LAT: 42.45763
LONG: −70.94337

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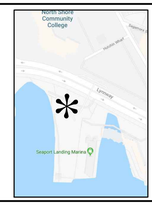
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VETERANS MEMORIAL PARK
WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

PROJECT NOTES
SHEET 1 OF 2

ACCESSION #:105005x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

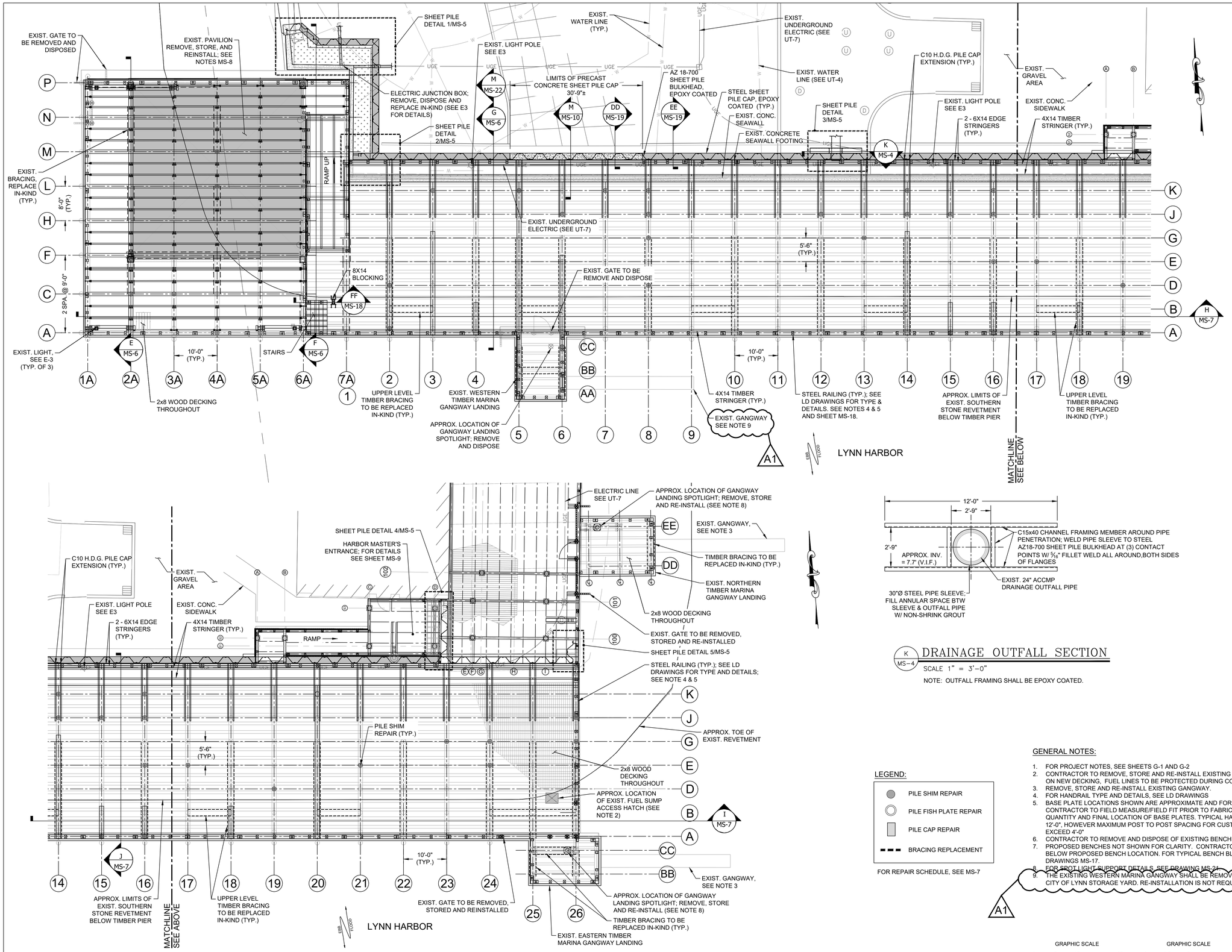
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

G-1



PARTIAL PLAN – AREA 1

SCALE 1" = 10'–0"

DRAINAGE OUTFALL SECTION

SCALE 1" = 3'–0"

NOTE: OUTFALL FRAMING SHALL BE EPOXY COATED.

LEGEND:

- PILE SHIM REPAIR
- PILE FISH PLATE REPAIR
- PILE CAP REPAIR
- BRACING REPLACEMENT

FOR REPAIR SCHEDULE, SEE MS-7

GENERAL NOTES:

1. FOR PROJECT NOTES, SEE SHEETS G-1 AND G-2
2. CONTRACTOR TO REMOVE, STORE AND RE-INSTALL EXISTING FUEL SUMP ACCESS HATCH ON NEW DECKING, FUEL LINES TO BE PROTECTED DURING CONSTRUCTION ACTIVITIES.
3. REMOVE, STORE AND RE-INSTALL EXISTING GANGWAY.
4. FOR HANDRAIL TYPE AND DETAILS, SEE LD DRAWINGS
5. BASE PLATE LOCATIONS SHOWN ARE APPROXIMATE AND FOR BIDDING PURPOSES ONLY. CONTRACTOR TO FIELD MEASURE/FIELD FIT PRIOR TO FABRICATION TO CONFIRM TOTAL QUANTITY AND FINAL LOCATION OF BASE PLATES. TYPICAL HANDRAIL PANEL SPACING IS 12'-0", HOWEVER MAXIMUM POST TO POST SPACING FOR CUSTOM SECTIONS SHALL NOT EXCEED 4'-0"
6. CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING BENCHES.
7. PROPOSED BENCHES NOT SHOWN FOR CLARITY. CONTRACTOR TO PROVIDE BLOCKING BELOW PROPOSED BENCH LOCATION. FOR TYPICAL BENCH BLOCKING DETAILS, SEE DRAWINGS MS-17.
8. FOR SPOT LIGHT SUPPORT DETAILS, SEE DRAWING MS-24
9. THE EXISTING WESTERN MARINA GANGWAY SHALL BE REMOVED AND DELIVERED TO THE CITY OF LYNN STORAGE YARD. RE-INSTALLATION IS NOT REQUIRED.

GRAPHIC SCALE (IN FEET) 0 5 10 20 — 1 INCH = 10 FEET

GRAPHIC SCALE (IN FEET) 0 1.5 3 6 — 1 INCH = 3 FEET

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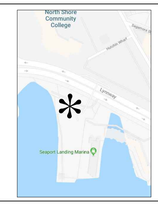
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VETERANS MEMORIAL PARK

WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

PARTIAL PLAN
AREA 1

ACCESSION #:105012x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

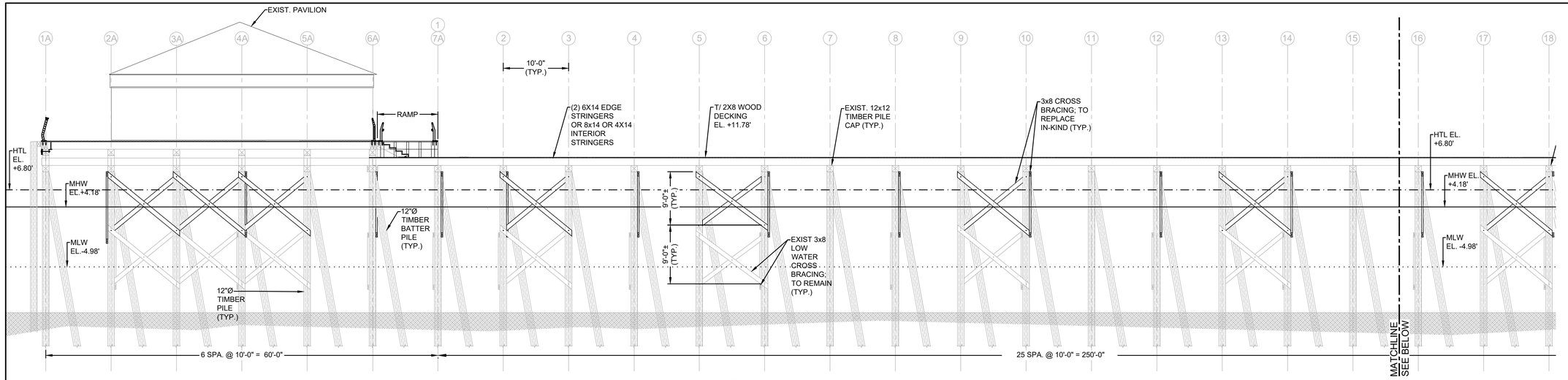
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

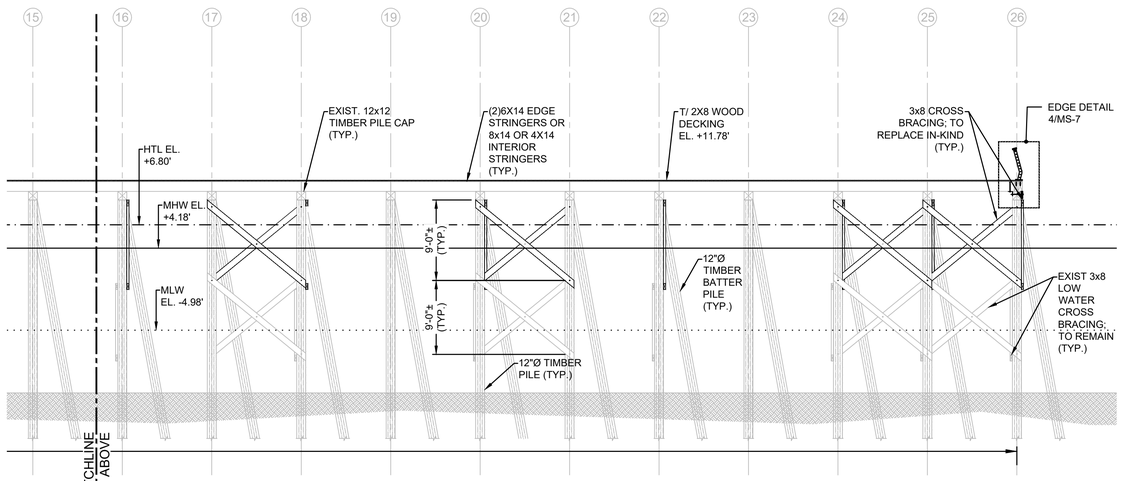
DRAWING NO.

MS-4



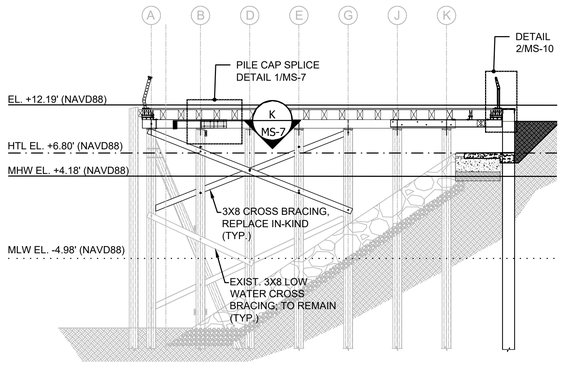
H MS–4 TIMBER BRACING SECTION

SCALE 1" = 8'–0"



I MS–4 TIMBER BRACING SECTION

SCALE 1" = 8'–0"



J MS–4 TYPICAL PILE CAP REPAIR SECTION

SCALE 1" = 8'–0"

NOTES:
1. SECTION SHOWS ONE (1) SPLICE. PILE CAP REPAIR LOCATIONS VARY. SEE PILE CAP REPAIR SCHEDULE (THIS SHEET) FOR SPLICE LOCATIONS.

12x12 TIMBER PILE SUPPORTED BOARDWALK PILE CAP REPAIRS (SEE DETAIL 1)

BENT NUMBER	PILE CAP SPAN	ESTIMATED REPAIR LENGTH (LF)	NOTES
20	A-K	35	FULL LENGTH, (1) SPLICE PERMITTED
18	A-B	8	SPLICE NEW SECTION
16	A-B	8	SPLICE NEW SECTION
15	A-B	8	SPLICE NEW SECTION
14	A-E	19	SPLICE NEW SECTION
6	AA-E	33.5	(1) Splice Permitted, No splice permitted between Bents AA to B
5	AA-K	51	FULL LENGTH (2) SPLICES PERMITTED, NOT SPLICES PERMITTED BETWEEN BENTS AA TO B
4	A-B	8	SPLICE NEW SECTION
3	A-G	24.5	(1) SPLICE PERMITTED
2	A-K	35	FULL LENGTH, (1) SPLICE PERMITTED

6x14 OR 8x14 TIMBER PILE SUPPORTED BOARDWALK STRINGER REPLACEMENT

BENT NUMBER	STRINGER SPAN	ESTIMATED REPAIR LENGTH (LF)	NOTES
TBD	TBD	450	36 LOCATIONS @ 12 LF EA, QUANTITY RESERVED FOR TIMBER STRINGERS DAMAGED DURING PILE CAP REPLACEMENT

NOTES:
1. CONTRACTOR TO REMOVE, STORE AND RE-INSTALL EXISTING TIMBER STRINGERS AT PILE CAP REPLACEMENT LOCATIONS. NEW HARDWARE SHALL BE PROVIDED. RE-INSTALLED STRINGERS MAY BE ATTACHED TO MATCH THE EXISTING CONNECTION, 1/2" DIA. H.D.G DRIFT PINS OR THEY MAY BE ATTACHED WITH L4X6X3/8X4"L H.D.G CLIP ANGLES, LLV WITH A 3/4" DIA. ASTM A307 GALV. THRU BOLT W/H.D.G ROUND PLATE WASHERS (SIMILAR TO DETAIL D/MS-8A).

A1

TIMBER PILE SUPPORTED BOARDWALK PILE SHIM REPAIR (EA) (SEE DETAIL 3)

Location	Location
1A-A	9-K
2A-F	12-J
3A-F	13-G
4A-L	14-J
4A-M	14-K
5A-A	15-A
5A-M	15-J
6A-L	17-E
6A-N	16-A
6A-P	16-E
7A-P	16-J
2-A	16-K
2-C	17-E
3-K	19-D
5-K	21-E
6-CC	23-G
6-J	24-E
7-K	24-G
9-D	26-G
9-G	26-J
9-J	
TOTAL	41

TIMBER PILE SUPPORTED BOARDWALK FISH PLATE CONNECTION REPAIR (EA) (SEE DETAIL 2)

20-K	1 EA

NOTES:
1. QUANTITY WILL BE FIELD DETERMINED BASED ON EXISTING CONDITIONS AFTER DEMOLITION OF DECKING AND PILE CAPS WORK IS COMPLETE.

GENERAL NOTES:

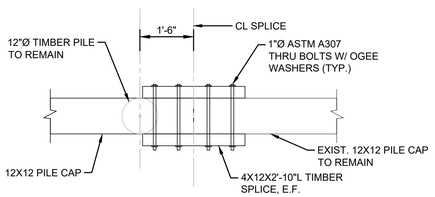
1. NEW TIMBER STRINGERS SHALL BE INSTALLED TO ENSURE THAT MAXIMUM SPAN FOR HARDWOOD DECKING DOES NOT EXCEED 36", CENTER TO CENTER OF EXISTING AND PROPOSED TIMBER STRINGERS.

GRAPHIC SCALE
0 1/2 1 2
(IN FEET)
1-1/2 INCH = 1'-0"

GRAPHIC SCALE
0 0.5 1 2
(IN FEET)
1 INCH = 1 FEET

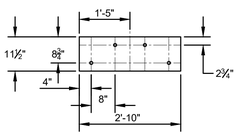
GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET

GRAPHIC SCALE
0 4 8 16
(IN FEET)
1 INCH = 8 FEET



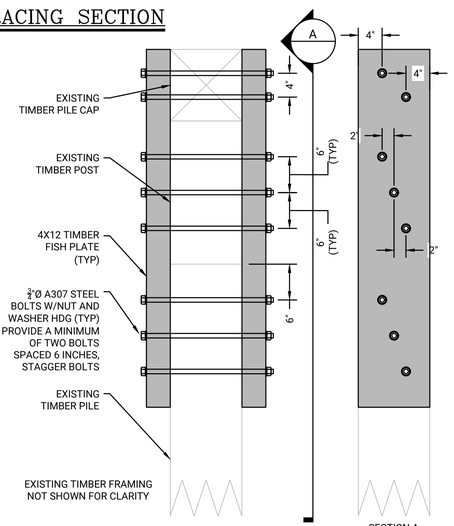
K MS–7 PILE CAP SPLICE SECTION

SCALE 1" = 2'–0"



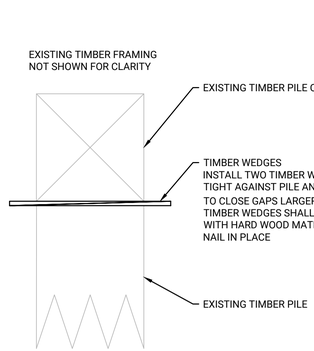
1 MS–7 PILE CAP SPLICE DETAIL

SCALE 1" = 2'–0"



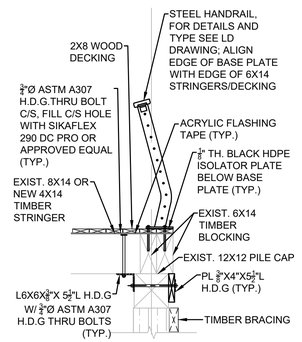
2 MS–7 TYPICAL TIMBER FISH PLATE DETAIL

SCALE 1" = 1'–0"



3 MS–7 TYPICAL TIMBER PILE SHIM DETAIL

SCALE 1 1/2" = 1'–0"



4 MS–7 TYPICAL BENT 26 EDGE DETAIL

SCALE 1 1/2" = 1'–0"

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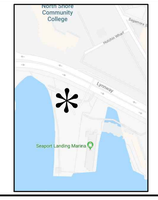
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VETERANS MEMORIAL PARK

WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

AREA 1 BOARDWALK SECTIONS
SHEET 2 OF 2

ACCESSION #:105015x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

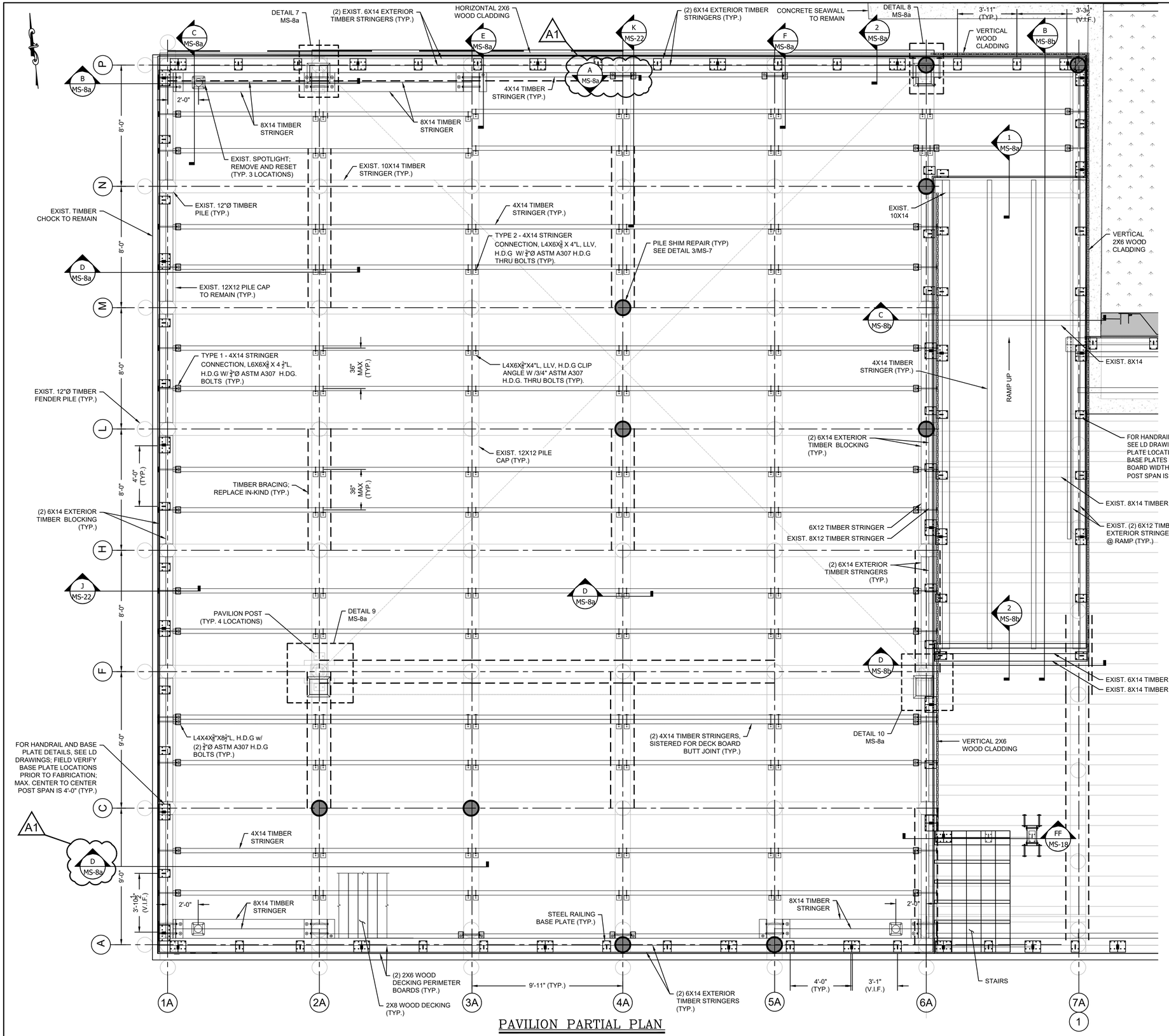
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

MS-7



PAVILION PARTIAL PLAN

SCALE 1" = 3'-0"

GRAPHIC SCALE

0 1.5 3 6

(IN FEET)

1 INCH = 3 FEET

GENERAL NOTES:

1. CONTRACTOR TO FIELD MEASURE PAVILION SUPPORT POST BASE PLATES PRIOR TO FABRICATION. FOR HANDRAIL AND BASE PLATE DETAILS, SEE LD DRAWINGS.

TEMPORARY PAVILION REMOVAL AND REINSTALLATION OF NOTES:

1. THE PAVILION SHADE STRUCTURE (POSTS, FRAME AND ROOF) SHALL BE TEMPORARILY REMOVED AND STORED ON SITE UNTIL AFTER NEW WOOD DECKING IS INSTALLED.
2. CONTRACTOR SHALL SHORE UP AND BRACE EXISTING STRUCTURE AS REQUIRED FOR TEMPORARY REMOVAL, STORAGE AND RE-INSTALLATION.
3. PRIOR TO INSTALLATION OF SHORING AND BRACING, CONTRACTOR SHALL DOCUMENT EXISTING CONDITIONS WITH PHOTOGRAPHS, NOTING ANY DEFECTS OBSERVED.
4. PAVILION STRUCTURE SHALL BE STORED IN A SECURE AREA UNTIL RE-INSTALLATION OCCURS.
5. BRACING/SHORING SHALL BE INSTALLED SUCH THAT IT IS REMOVABLE. ANY DAMAGE THAT OCCURS TO THE PAVILION STRUCTURE, AS A RESULT OF THIS WORK ACTIVITY, SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
6. CONTRACTOR SHALL SUBMIT A SHORING AND LIFTING PLAN FOR ENGINEER REVIEW, AT LEAST 14 DAYS PRIOR TO REMOVAL.
7. SHORING, BRACING, AND LIFTING PLAN SHALL BE SIGNED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MASSACHUSETTS.

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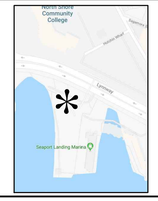
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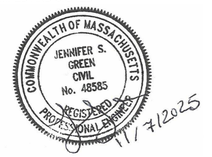
KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:



DRAWING TITLE:

AREA 1 PAVILION PLAN

ACCESSION #:105016x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

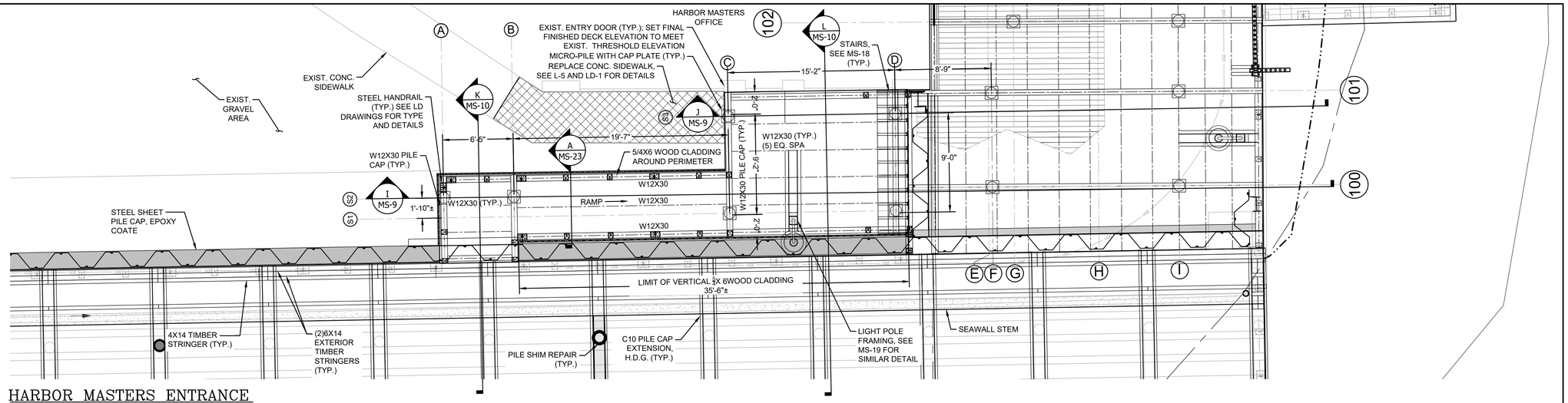
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

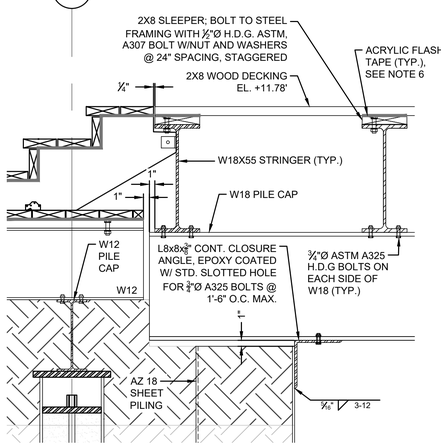
DRAWING NO.

MS-8



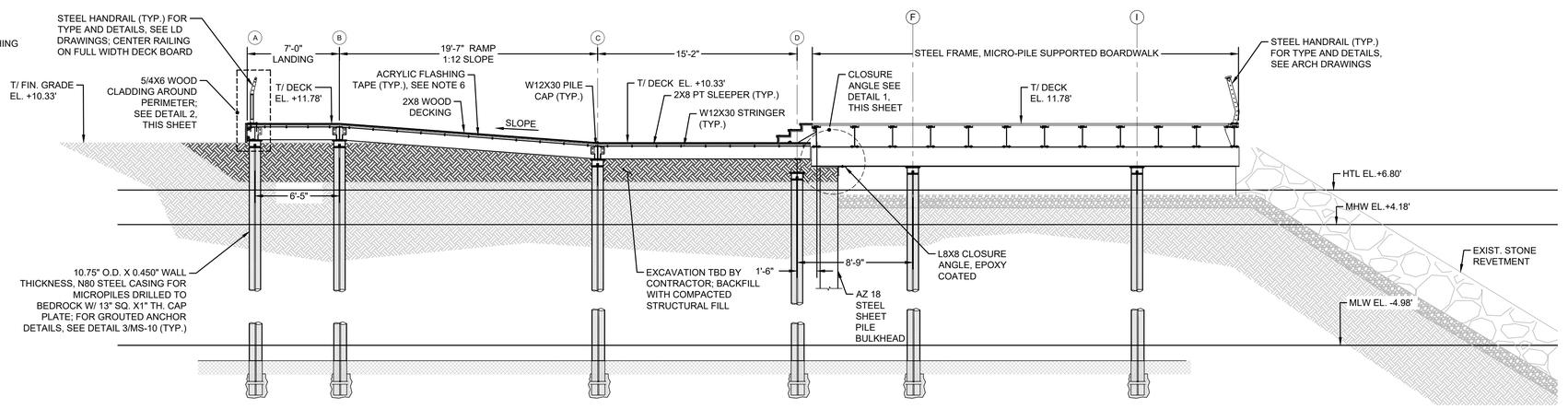
HARBOR MASTERS ENTRANCE

SCALE 1" = 5'-0"



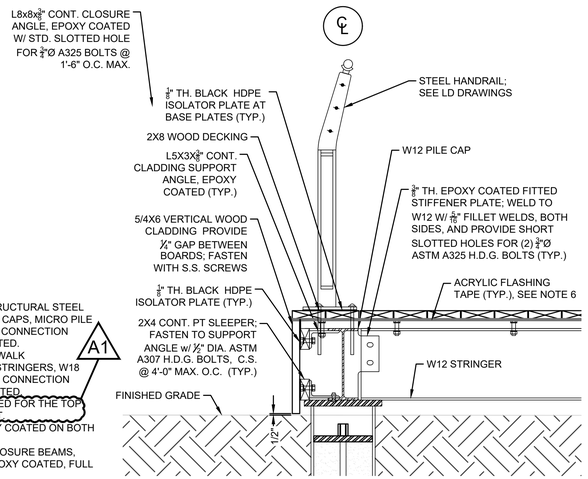
1 MS-9 CLOSURE ANGLE DETAIL

SCALE 1" = 1'-0"



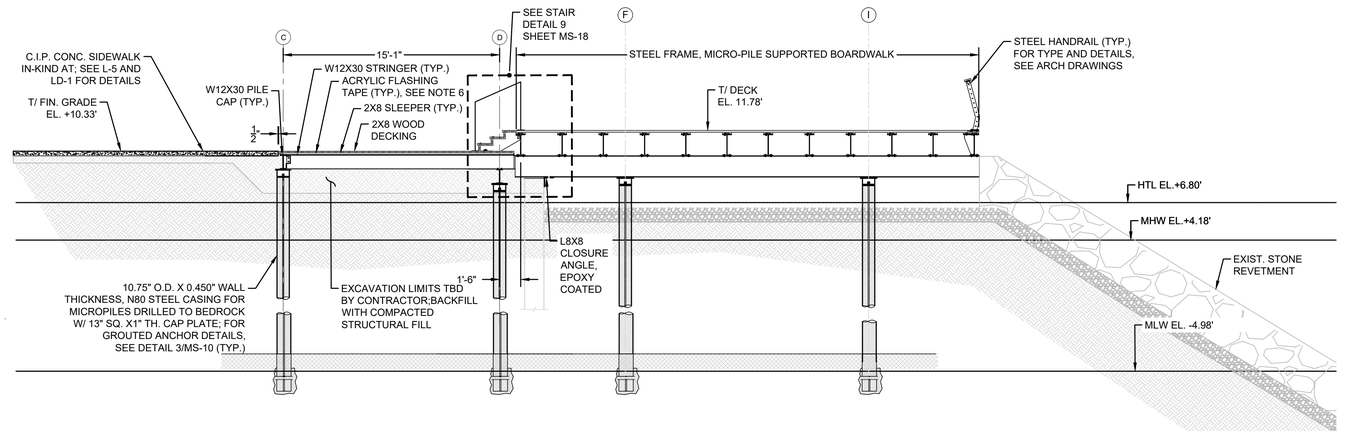
I MS-9 HARBOR MASTERS ENTRANCE DECK SECTION AT RAMP

SCALE 1" = 5'-0"



2 MS-9 CLADDING DETAIL

SCALE 1" = 1'-0"



J MS-9 HARBOR MASTERS ENTRANCE DECK SECTION

SCALE 1" = 5'-0"

GENERAL NOTES:

1. ALL HARBOR MASTER ENTRANCE STRUCTURAL STEEL FRAMING (W12 STRINGERS, W12 PILE CAPS, MICRO PILE CAP PLATES, CONNECTION ANGLES, CONNECTION PLATES, ETC.) SHALL BE EPOXY COATED.
2. ALL MICRO PILE SUPPORTED BOARDWALK STRUCTURAL STEEL FRAMING (W18 STRINGERS, W18 PILE CAPS, MICRO PILE CAP PLATES, CONNECTION ANGLES, ETC.) SHALL BE EPOXY COATED.
3. MICRO PILES SHALL BE EPOXY COATED FOR THE TOP TWO SECTIONS /MINIMUM OF 10-FEET.
4. STEEL SHEET PILES SHALL BE EPOXY COATED ON BOTH SIDES, FOR THE TOP 10-FEET.
5. STEEL SHEET PILE CONNECTORS, CLOSURE BEAMS, AND CLOSURE ANGLES SHALL BE EPOXY COATED, FULL LENGTH.
6. PROVIDE SOLVENT RESISTANT FLASHING TAPE (G-TAPE OR APPROVED EQUAL) CONTINUOUS AND FULL WIDTH ALONG TOP OF PT SLEEPERS AND TIMBER STRINGERS.
7. PROVIDE 1/8" TH. BLACK HDPE ISOLATOR PLATES AT ALL CLADDING INTERFACE SURFACES WITH PT BLOCKING/ FRAMING. FASTEN HDPE PLATES W/ S.S SCREWS.

NOTES:

1. FOR PROJECT NOTES, SEE SHEET G-01 AND G-02.

GRAPHIC SCALE
0 0.5 1 2
(IN FEET)
1 INCH = 1 FEET

GRAPHIC SCALE
0 2.5 5 10
(IN FEET)
1 INCH = 5 FEET

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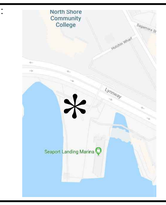
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Lynn, MA

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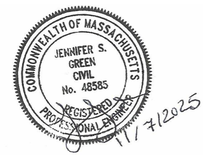
KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:



DRAWING TITLE:

AREA 1 HARBOR MASTER PLAN AND SECTIONS

ACCESSION #:105019x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

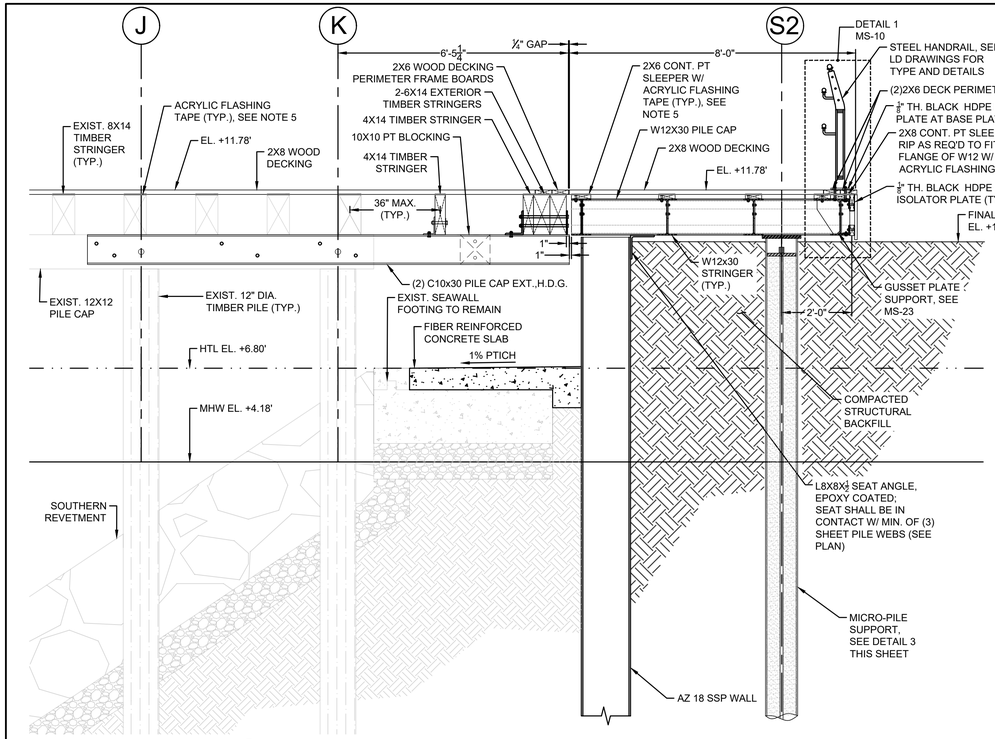
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

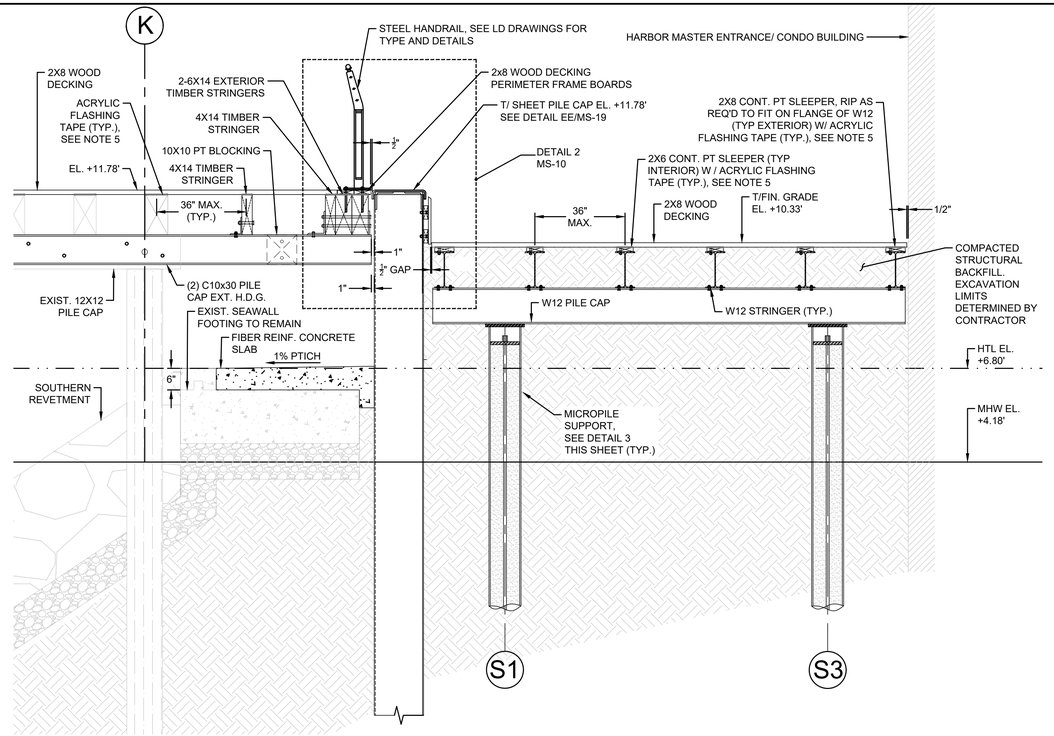
DRAWING NO.

MS-9



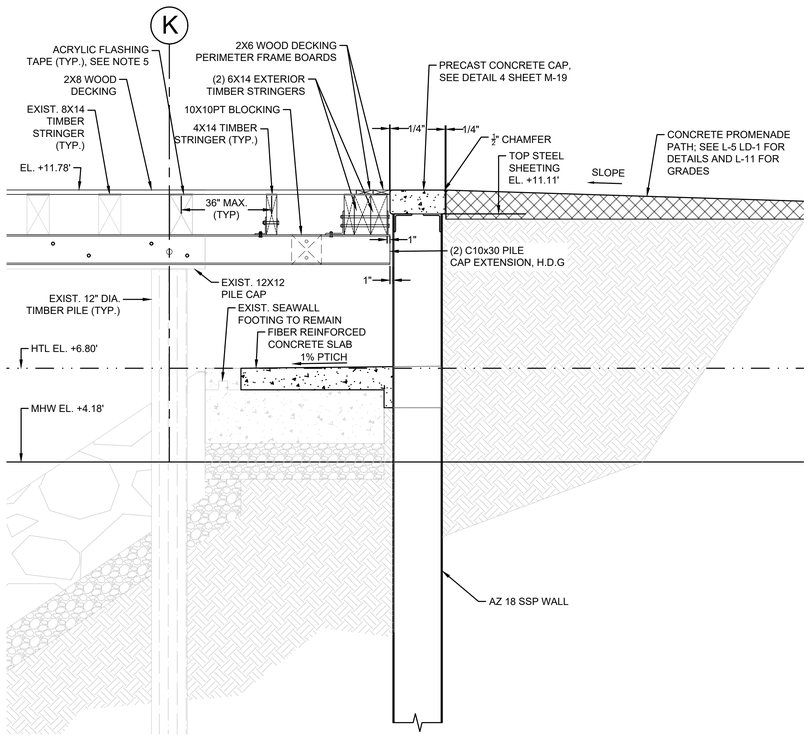
K / MS-9 HARBOR MASTERS ENTRANCE SECTION AT LANDING

SCALE 1" = 2'-0"



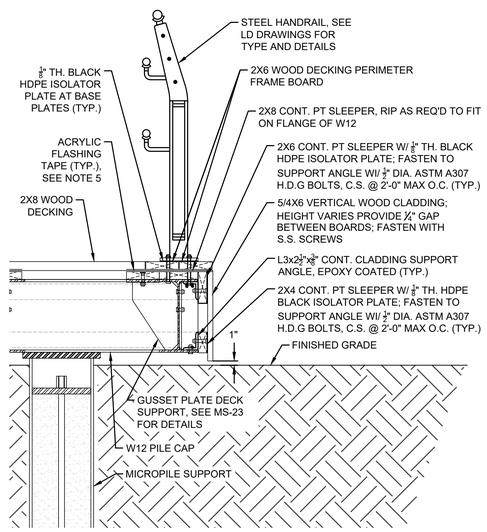
L / MS-9 HARBOR MASTERS ENTRANCE SECTION AT CONDO

SCALE 1" = 2'-0"



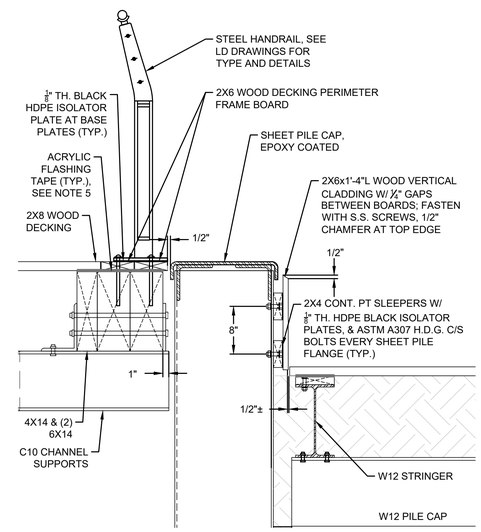
M / MS-4 SECTION THROUGH PRECAST CONCRETE CAP

SCALE 1" = 2'-0"



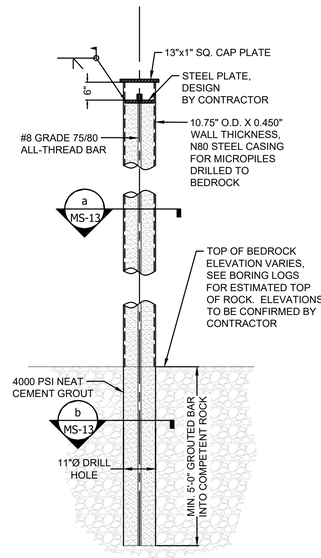
1 / MS-10 DETAIL 1 – VERTICAL CLADDING AT LANDING

SCALE 1" = 1'-0"



2 / MS-10 DETAIL 2 – VERTICAL CLADDING AT SHEET PILE BULKHEAD

SCALE 1" = 1'-0"



3 / – DETAIL 3 – TYPICAL GROUTED MICROPILE ROCK ANCHOR

SCALE 1" = 2'-0"

GRAPHIC SCALE

0 0,5 1 2

(IN FEET)

1 INCH = 1 FEET

GRAPHIC SCALE

0 1 2 4

(IN FEET)

1 INCH = 2 FEET

A1

GENERAL NOTES:

1. ALL HARBOR MASTER ENTRANCE STRUCTURAL STEEL FRAMING (W12 STRINGERS, W12 PILE CAPS, MICRO PILE CAP PLATES, CONNECTION ANGLES, ETC.) SHALL BE EPOXY COATED.
2. MICRO PILES SHALL BE EPOXY COATED FOR THE TOP TWO SECTIONS /MINIMUM OF 10-FEET.
3. STEEL SHEET PILES SHALL BE EPOXY COATED ON BOTH SIDES, FOR THE TOP 10-FEET.
4. STEEL SHEET PILE CONNECTORS, CLOSURE BEAMS, AND CLOSURE ANGLES SHALL BE EPOXY COATED, FULL LENGTH.
5. PROVIDE SOLVENT RESISTANT FLASHING TAPE (G-TAPE OR APPROVED EQUAL) CONTINUOUS AND FULL WIDTH ALONG TOP OF PT SLEEPERS AND TIMBER STRUCTURES.
6. PROVIDE 1/8" TH. BLACK HDPE ISOLATOR PLATES AT ALL CLADDING INTERFACE SURFACES WITH PT BLOCKING/ FRAMING. FASTEN HDPE PLATES W/ S.S SCREWS.

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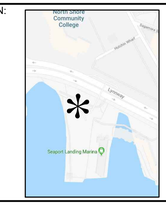
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VETERANS MEMORIAL PARK

WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

HARBOR MASTER ENTERANCE SECTIONS

ACCESSION #:105020x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

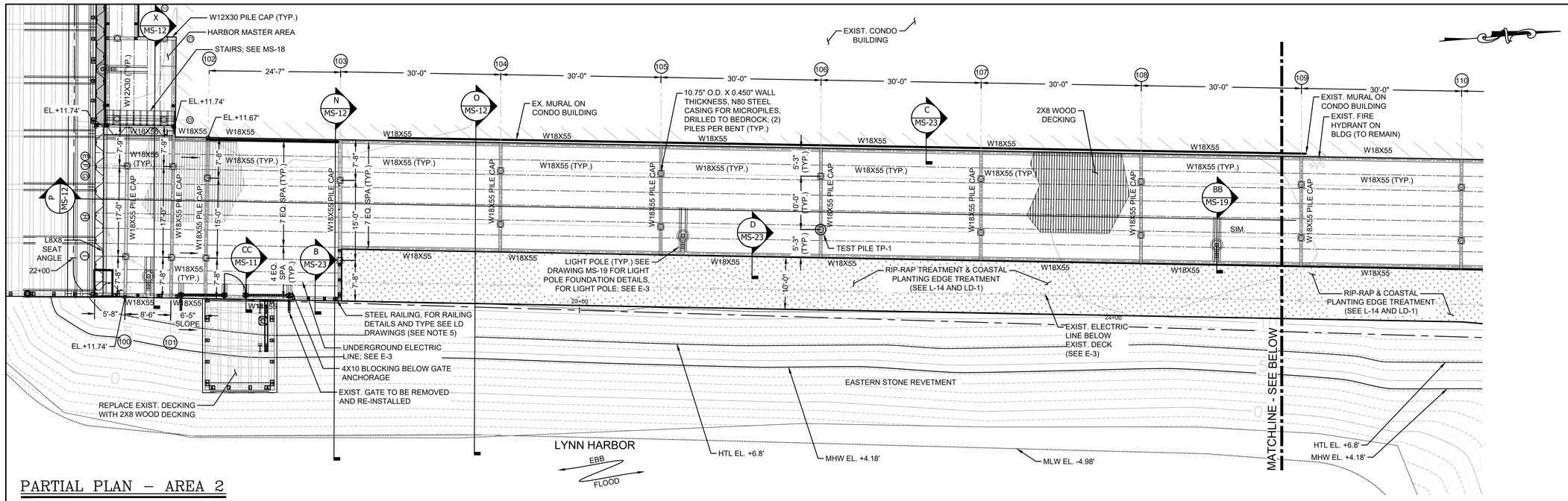
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

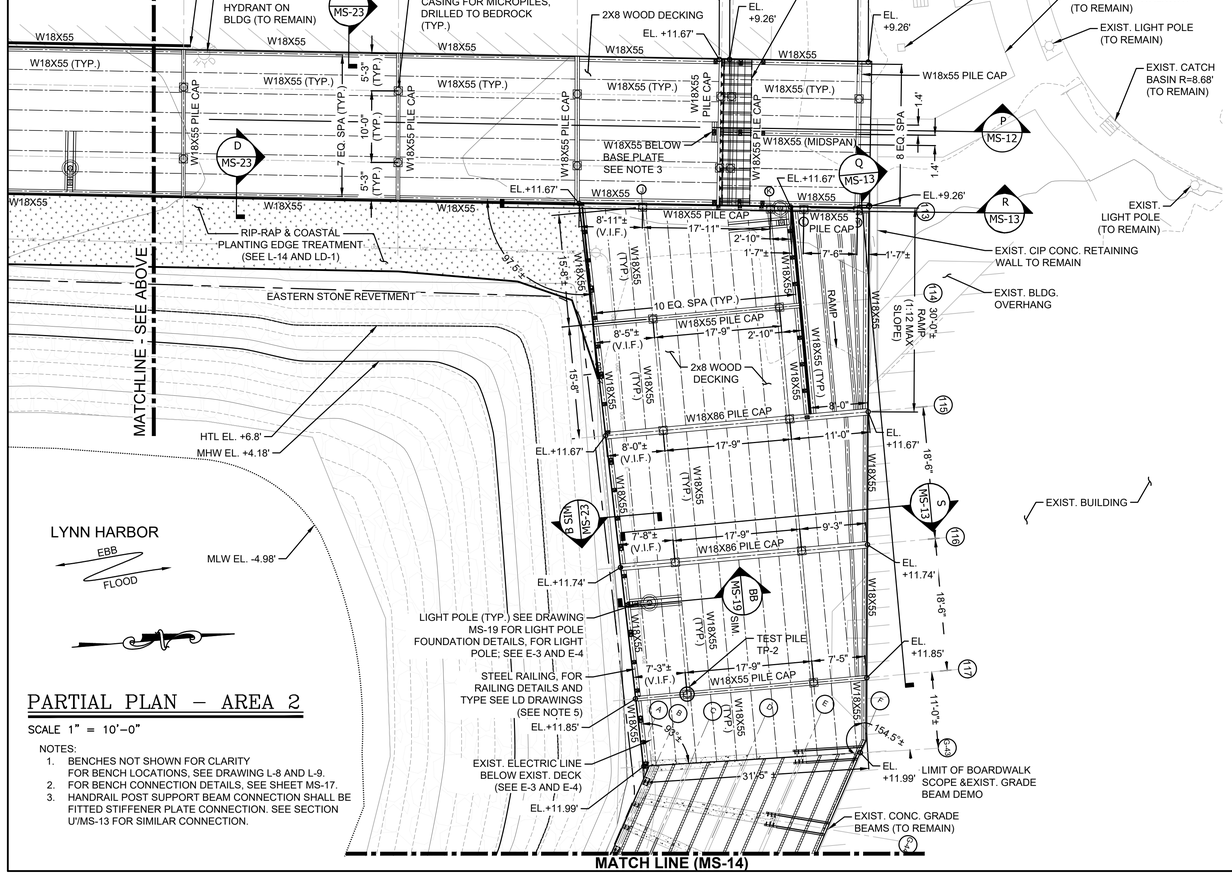
DRAWING NO.

MS-10



PARTIAL PLAN – AREA 2

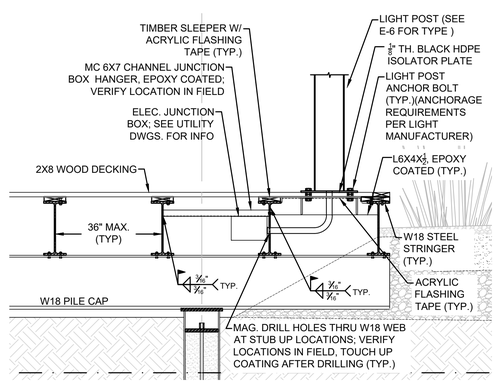
SCALE 1" = 10'-0"



PARTIAL PLAN – AREA 2

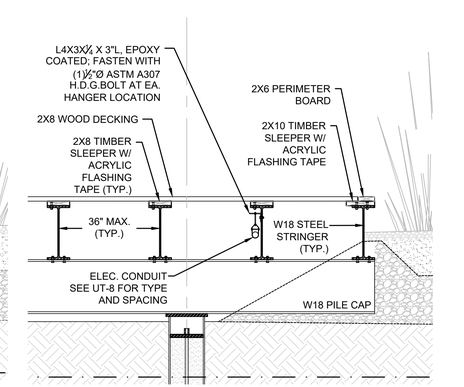
SCALE 1" = 10'-0"

NOTES:
1. BENCHES NOT SHOWN FOR CLARITY FOR BENCH LOCATIONS, SEE DRAWING L-8 AND L-9.
2. FOR BENCH CONNECTION DETAILS, SEE SHEET MS-17.
3. HANDRAIL POST SUPPORT BEAM CONNECTION SHALL BE FITTED STIFFENER PLATE CONNECTION. SEE SECTION U'/MS-13 FOR SIMILAR CONNECTION.



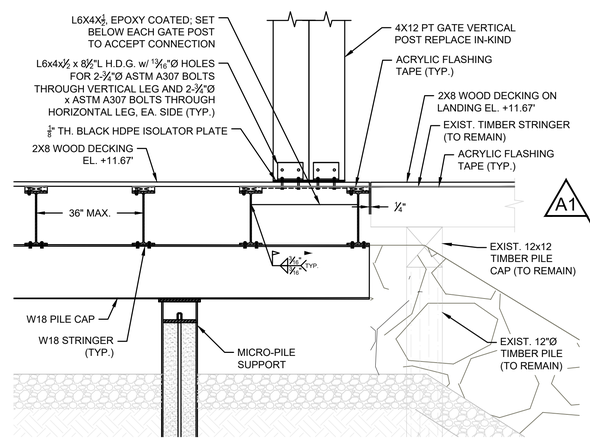
AREA 2 TYPICAL JUNCTION BOX HANGER DETAILS

SCALE 1" = 2'-0"



AREA 2 TYPICAL CONDUIT HANGER DETAILS

SCALE 1" = 2'-0"



GATE POST SUPPORT FRAMING

CC / MS-11

SCALE 1" = 2'-0"

GENERAL NOTES:

1. FOR PROJECT NOTES, SEE DRAWINGS G-1 AND G-2.
2. 2x8 WOOD DECK SPAN AT STEEL STRINGERS SHALL NOT EXCEED 36".
3. FOR UTILITY INFORMATION NOT SHOWN, REFER TO UTILITY DRAWINGS.
4. EXISTING FLAGPOLE TO REMAIN. CONTRACTOR TO BLOCK AROUND FLAGPOLE FOUNDATION FOR DECKING SUPPORT. SEE SIMILAR DETAILS FOR LIGHT POLES ON DRAWING MS-19.
5. HANDRAIL POST LOCATIONS SHOWN ARE APPROXIMATE, CONTRACTOR TO FIELD MEASURE TO DETERMINE FINAL POST LOCATIONS PRIOR TO FABRICATION. UNLESS NOTED OTHERWISE, HANDRAIL POST SPACING SHALL NOT EXCEED 4'-0".
6. ALL MICRO PILE SUPPORTED BOARDWALK STRUCTURAL STEEL FRAMING (W18 STRINGERS, W18 PILE CAPS, MICRO PILE CAP PLATES, CONNECTION ANGLES, ETC.) SHALL BE EPOXY COATED.
7. MICRO PILES SHALL BE EPOXY COATED FOR THE TOP TWO SECTIONS (MINIMUM OF 10-FEET).
8. STEEL SHEET PILES SHALL BE EPOXY COATED ON BOTH SIDES, FOR THE TOP 10-FEET.
9. STEEL SHEET PILE CONNECTORS, CLOSURE BEAMS, AND CLOSURE ANGLES SHALL BE EPOXY COATED, FULL LENGTH.
10. PROVIDE SOLVENT RESISTANT FLASHING TAPE (G-TAPE OR APPROVED EQUAL) CONTINUOUS AND FULL WIDTH ALONG TOP OF PT SLEEPERS AND TIMBER STRINGERS.
11. FOR LOCATIONS WHERE RAILING IS NOT PRESENT, EXTEND EDGE OF BOARD 1" BEYOND EDGE OF SLEEPER.

GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET

GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH = 10 FEET

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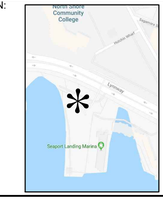
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STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

AREA 2 PARTIAL PLAN AND DETAILS

ACCESSION #:105021x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

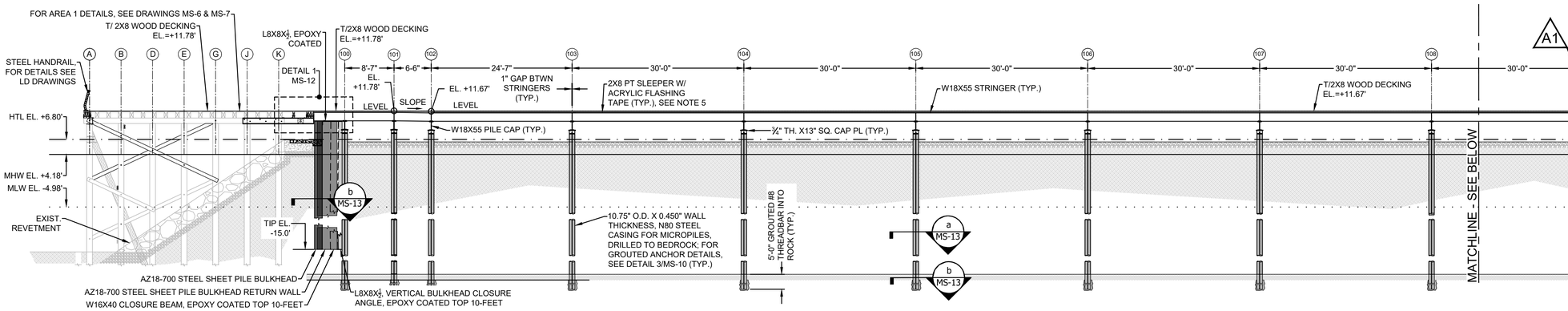
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

MS-11

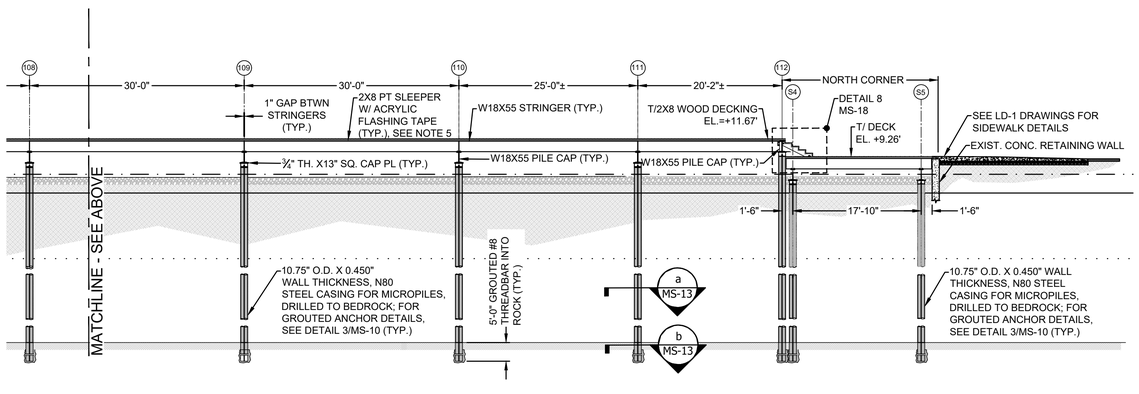


P / MS-11 SECTION P – GRADE BEAM BOARDWALK REPLACEMENT SECTION

SCALE 1" = 10'–0"

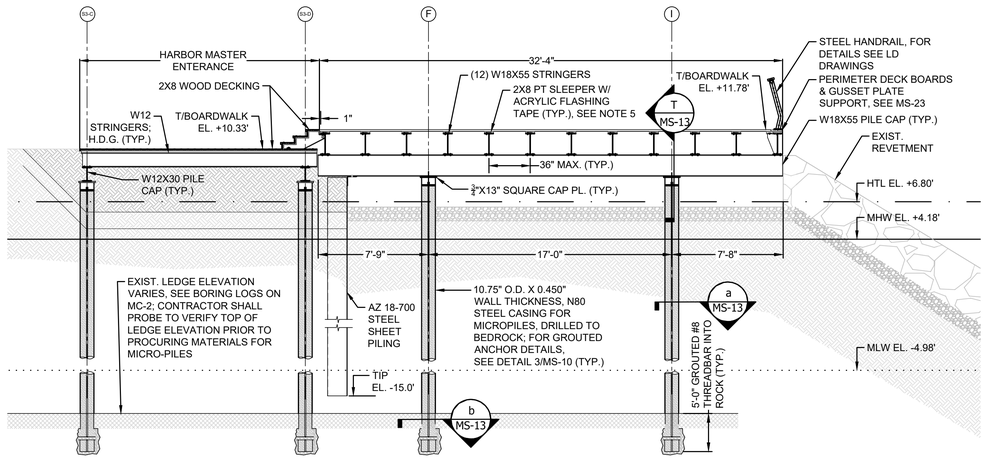
GENERAL NOTES:

1. ALL MICRO PILE SUPPORTED BOARDWALK STRUCTURAL STEEL FRAMING (W18 STRINGERS, W18 PILE CAPS, MICRO PILE CAP PLATES, CONNECTION ANGLES, ETC.) SHALL BE EPOXY COATED.
2. MICRO PILES SHALL BE EPOXY COATED FOR THE TOP TWO SECTIONS /MINIMUM OF 10-FEET.
3. STEEL SHEET PILES SHALL BE EPOXY COATED ON BOTH SIDES, FOR THE TOP 10-FEET.
4. STEEL SHEET PILE CONNECTORS, CLOSURE BEAMS, AND CLOSURE ANGLES SHALL BE EPOXY COATED, FULL LENGTH.
5. PROVIDE SOLVENT RESISTANT FLASHING TAPE (G-TAPE OR APPROVED EQUAL) CONTINUOUS AND FULL WIDTH TOP OF PT SLEEPERS AND TIMBER STRINGERS.
6. PROVIDE 1/8" TH. BLACK HDPE ISOLATOR PLATES AT INTERFACE SURFACES BETWEEN DECKING AND RAILING BASE PLATES.
7. FOR LOCATIONS WHERE RAILING IS NOT PRESENT, EXTEND EDGE OF BOARD 1" BEYOND EDGE OF SLEEPER.



P / MS-11 SECTION P – GRADE BEAM BOARDWALK REPLACEMENT SECTION

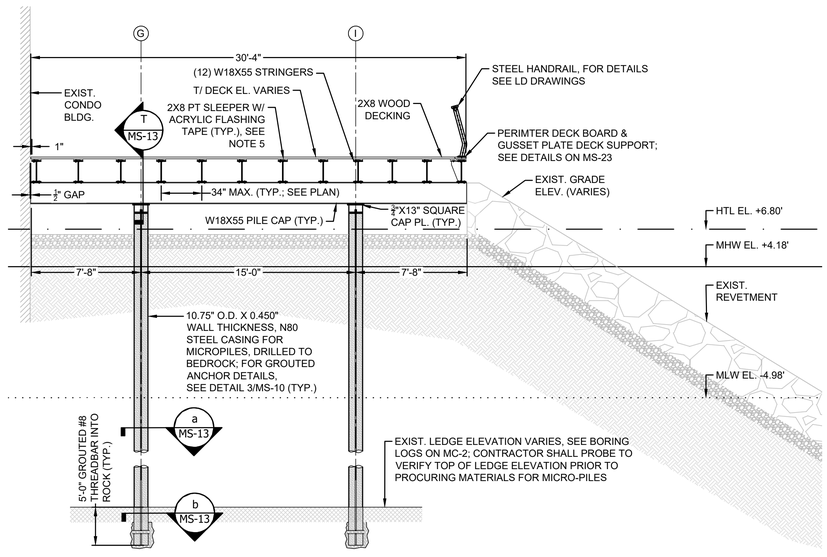
SCALE 1" = 10'–0"



X / MS-11 GRADE BEAM BOARDWALK REPLACEMENT SECTION – BENT 100 & BENT 101

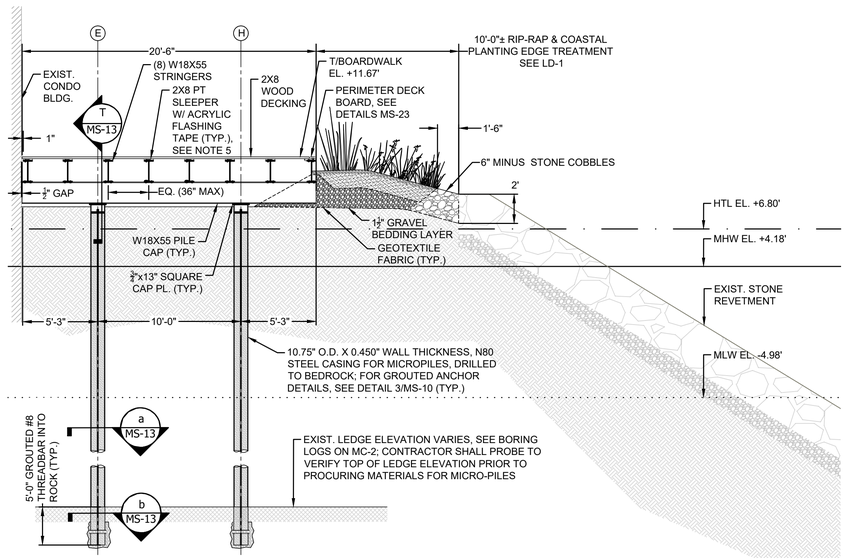
SCALE 1" = 5'–0"

NOTES:
1. STAIR HANDRAIL NOT SHOWN FOR CLARITY.



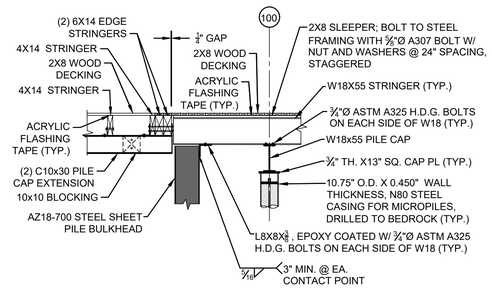
N / MS-11 GRADE BEAM BOARDWALK REPLACEMENT SECTION BENT 102 & BENT 103

SCALE 1" = 5'–0"



O / MS-11 GRADE BEAM BOARDWALK REPLACEMENT SECTION BENT 104 TO BENT 111 (BENT 112 SIMILAR)

SCALE 1" = 5'–0"



1 / MS-12 CLOSURE ANGLE AT BENT 100

SCALE: NOT TO SCALE

NOTES:
1. FOR PROJECT NOTES, SEE SHEETS G-1 AND G-2.
2. WELD W18 STRINGERS TO W18 PILE CAPS.
3. WELD W18 PILE CAP TO 13" SQUARE CAP PLATE.
4. WELD 13" CAP PLATE TO MICROPILES.
5. HANDRAIL NOT SHOWN FOR CLARITY.

GRAPHIC SCALE
0 2.5 5 10
(IN FEET)
1 INCH = 5 FEET

GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH = 10 FEET

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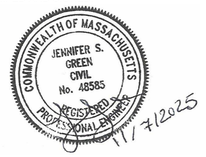
KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:



DRAWING TITLE:

AREA 2 BOARDWALK SECTIONS

SHEET 1 OF 2

ACCESSION #:105022x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

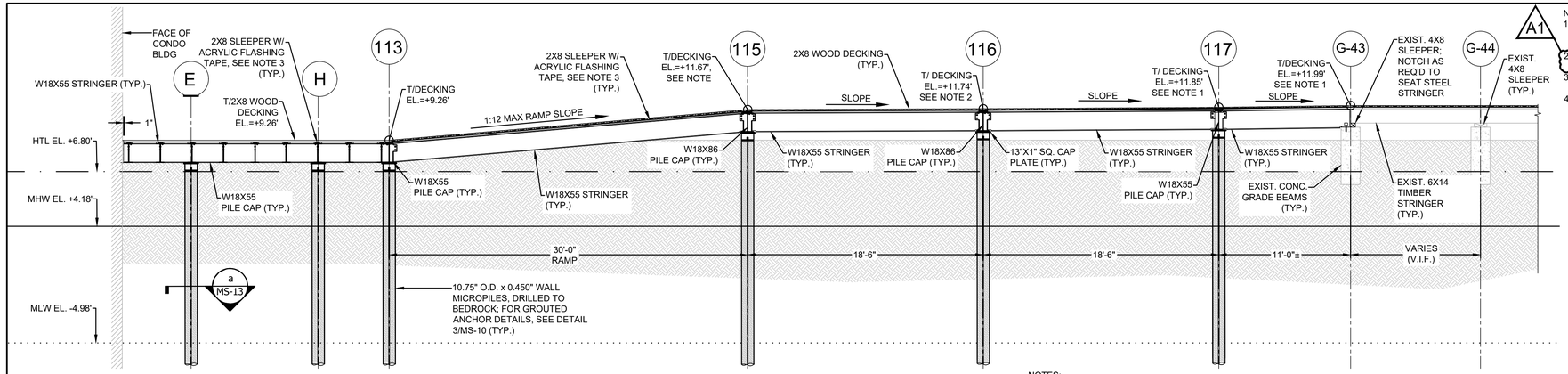
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

MS-12

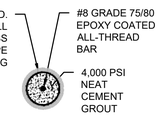


Q MS-11 SECTION THROUGH NORTH CORNER RAMP

SCALE 1" = 5'-0"

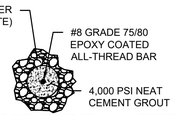
NOTES:
1. TOP OF RAMP ELEVATIONS SHALL BE FIELD VERIFIED. CONTRACTOR SHALL ADJUST TOP OF DECK ELEVATIONS, AS REQUIRED TO ENSURE THAT LOCATIONS WHERE WALKWAY SURFACE MEETS BUILDING ENTRY DOOR THRESHOLDS IS WITHIN 1".
2. FOR HANDRAIL POSTS LOCATIONS AT RAMP SLOPE TO LEVEL BOARDWALK TRANSITION, PROVIDE BEVELED BASE PLATES TO SET POST LEVEL ON PILE CAP.

NOTES:
1. ALL MICROPILE SUPPORTED BOARDWALK STRUCTURAL STEEL FRAMING (W18 STRINGERS, W18 PILE CAPS, MICROPILE CAP PLATES, CONNECTION ANGLES, ETC.) SHALL BE EPOXY COATED.
2. MICRO PILES SHALL BE EPOXY COATED FOR THE TOP TWO SECTIONS /MINIMUM OF 10-FEET.
3. PROVIDE SOLVENT RESISTANT FLASHING TAPE (G-TAPE OR APPROVED EQUAL) CONTINUOUS AND FULL WIDTH ALONG TOP OF PT SLEEPERS AND TIMBER STRINGERS.
4. PROVIDE 1/8" TH. BLACK HDPE ISOLATOR PLATES AT INTERFACE SURFACES BETWEEN DECKING AND RAILING BASE PLATES.



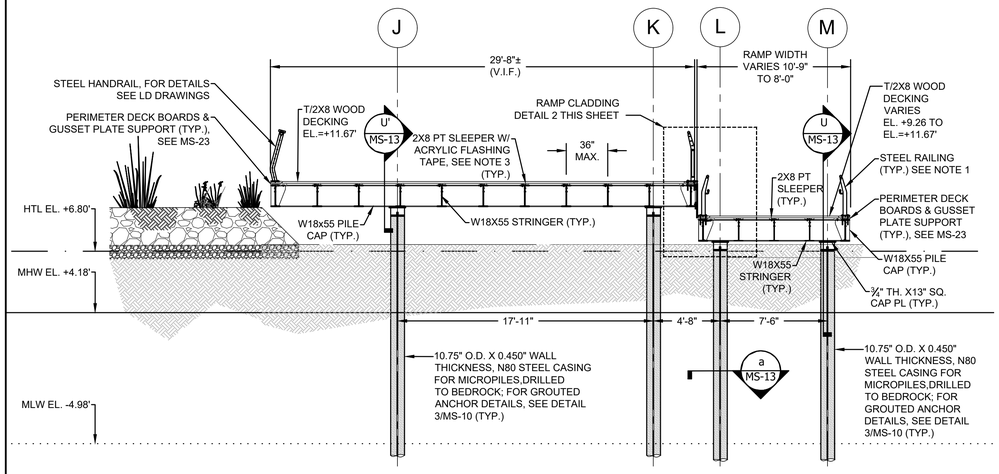
a MS-13 TYPICAL MICROPILE & THREADED ROD SECTION ABOVE BEDROCK

SCALE 6" = 1'-0"



b MS-13 TYPICAL MICROPILE & THREADED ROD SECTION BELOW BEDROCK

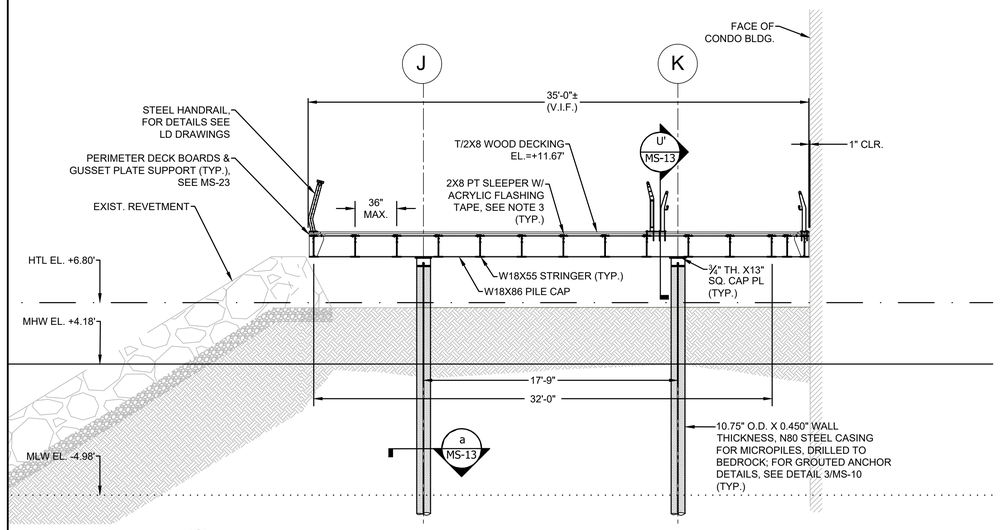
SCALE 6" = 1'-0"



R MS-11 SECTION THROUGH NORTH CORNER RAMP – BENT 113

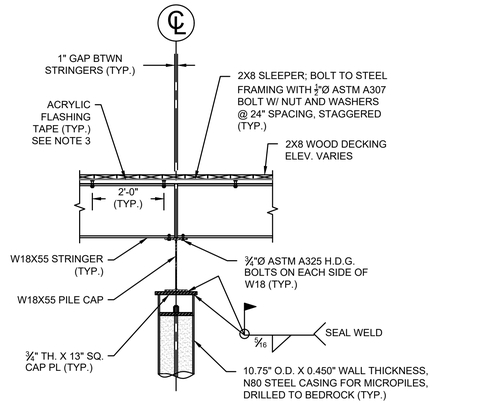
SCALE 1" = 5'-0"

NOTES:
1. FOR HANDRAIL POSTS LOCATIONS AT RAMP SLOPE TO LEVEL BOARDWALK TRANSITION, PROVIDE BEVELED BASE PLATES TO SET POST LEVEL ON PILE CAP.



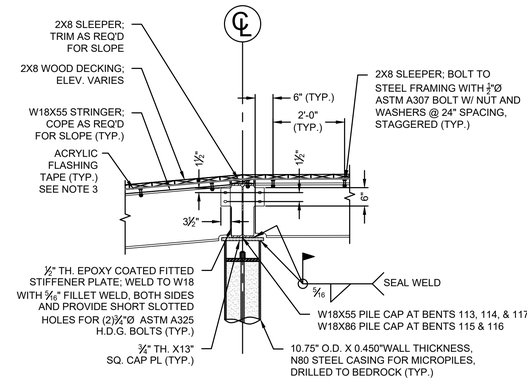
S MS-11 SECTION THROUGH NORTH CORNER RAMP – BENT 115

SCALE 1" = 5'-0"



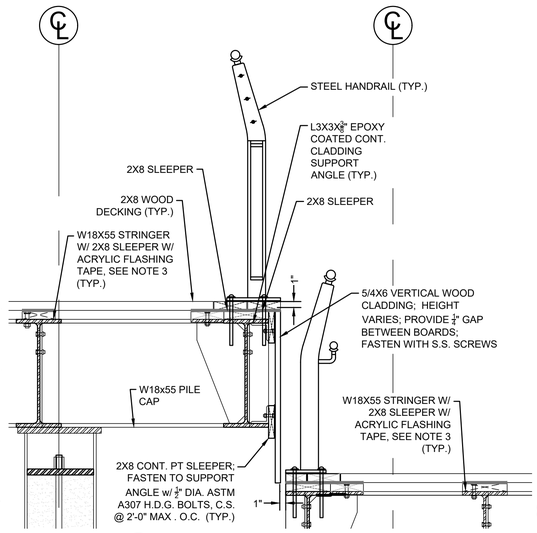
T MS-12 TYPICAL PILE CAP SECTION BENT 100 TO 112 (SECTIONS SIMILAR)

SCALE 1" = 2'-0"



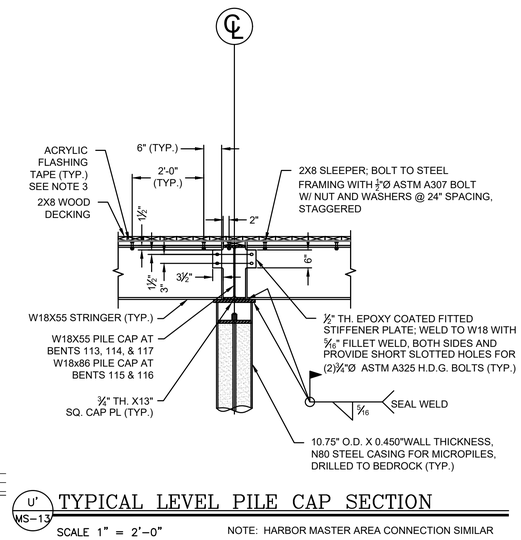
U MS-13 TYPICAL SLOPED PILE CAP SECTION BENT 113 THRU 117

SCALE 1" = 2'-0"



2 MS-13 RAMP CLADDING DETAIL

SCALE 1" = 1'-0"



U' MS-13 TYPICAL LEVEL PILE CAP SECTION

SCALE 1" = 2'-0"

NOTE: HARBOR MASTER AREA CONNECTION SIMILAR

GRAPHIC SCALE
0 1/2 1 2
(IN FEET)
1 INCH = 1 FEET

GRAPHIC SCALE
0 1 2 4
(IN FEET)
1 INCH = 2 FEET

GRAPHIC SCALE
0 2.5 5 10
(IN FEET)
1 INCH = 5 FEET

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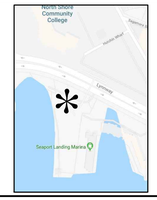
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VETERANS MEMORIAL PARK

WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/12/2025

DRAWING TITLE:

AREA 2 BOARDWALK SECTIONS
SHEET 2 OF 2

ACCESSION #:105023x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

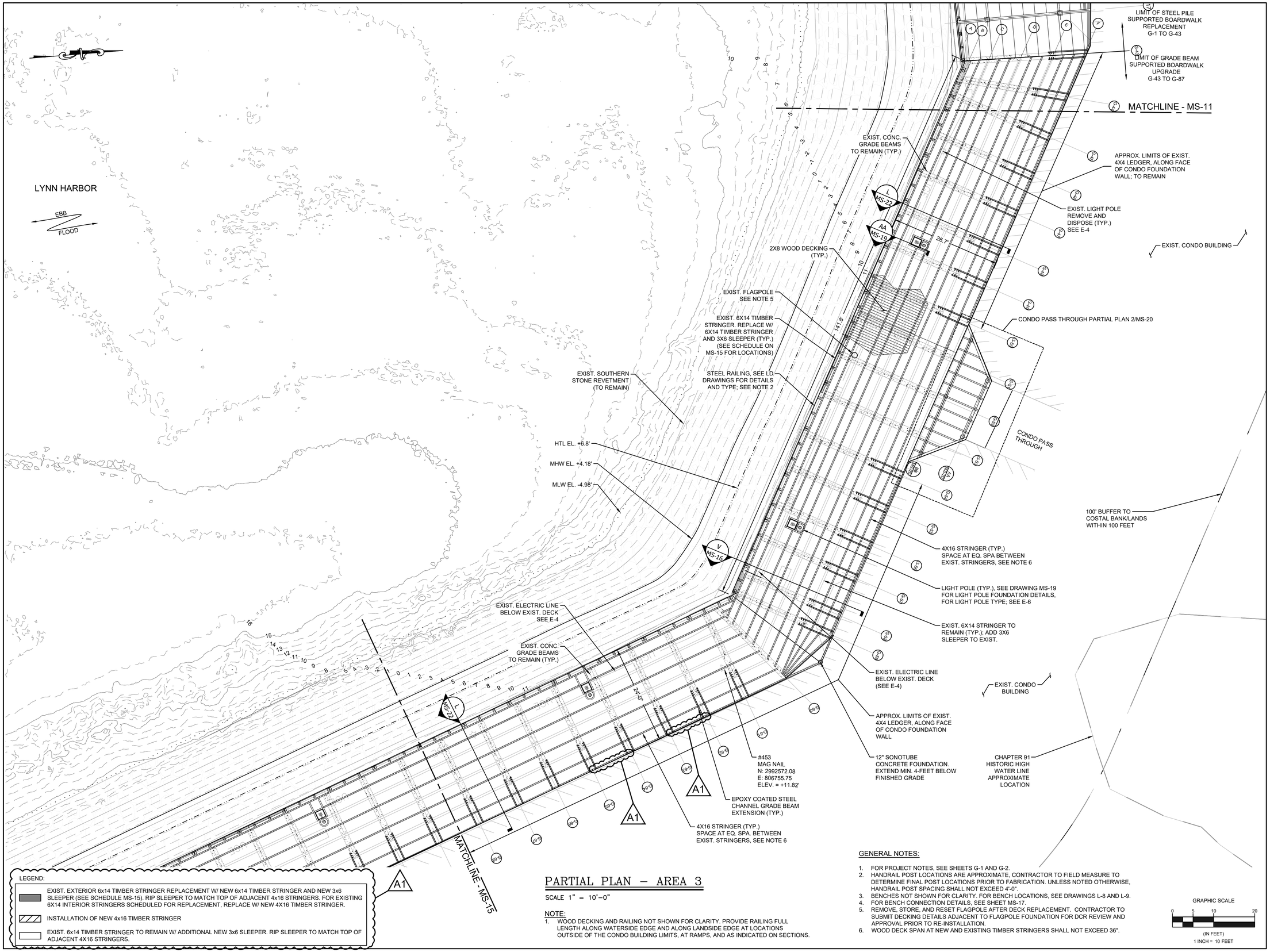
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

MS-13



LEGEND:

- EXIST. EXTERIOR 6x14 TIMBER STRINGER REPLACEMENT W/ NEW 6x14 TIMBER STRINGER AND NEW 3x6 SLEEPER (SEE SCHEDULE MS-15). RIP SLEEPER TO MATCH TOP OF ADJACENT 4x16 STRINGERS. FOR EXISTING 6X14 INTERIOR STRINGERS SCHEDULED FOR REPLACEMENT, REPLACE W/ NEW 4X16 TIMBER STRINGER.
- INSTALLATION OF NEW 4x16 TIMBER STRINGER
- EXIST. 6x14 TIMBER STRINGER TO REMAIN W/ ADDITIONAL NEW 3x6 SLEEPER. RIP SLEEPER TO MATCH TOP OF ADJACENT 4X16 STRINGERS.

PARTIAL PLAN – AREA 3

SCALE 1" = 10'–0"

NOTE:

1. WOOD DECKING AND RAILING NOT SHOWN FOR CLARITY. PROVIDE RAILING FULL LENGTH ALONG WATERSIDE EDGE AND ALONG LANDSIDE EDGE AT LOCATIONS OUTSIDE OF THE CONDO BUILDING LIMITS, AT RAMPS, AND AS INDICATED ON SECTIONS.

GENERAL NOTES:

1. FOR PROJECT NOTES, SEE SHEETS G-1 AND G-2.
2. HANDRAIL POST LOCATIONS ARE APPROXIMATE, CONTRACTOR TO FIELD MEASURE TO DETERMINE FINAL POST LOCATIONS PRIOR TO FABRICATION. UNLESS NOTED OTHERWISE, HANDRAIL POST SPACING SHALL NOT EXCEED 4'-0".
3. BENCHES NOT SHOWN FOR CLARITY. FOR BENCH LOCATIONS, SEE DRAWINGS L-8 AND L-9.
4. FOR BENCH CONNECTION DETAILS, SEE SHEET MS-17.
5. REMOVE, STORE, AND RESET FLAGPOLE AFTER DECK REPLACEMENT. CONTRACTOR TO SUBMIT DECKING DETAILS ADJACENT TO FLAGPOLE FOUNDATION FOR DCR REVIEW AND APPROVAL PRIOR TO RE-INSTALLATION.
6. WOOD DECK SPAN AT NEW AND EXISTING TIMBER STRINGERS SHALL NOT EXCEED 36".

GRAPHIC SCALE

0 5 10 20

(IN FEET)

1 INCH = 10 FEET

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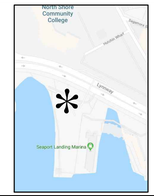
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VETERANS MEMORIAL PARK

WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

AREA 3
PARTIAL PLAN

ACCESSION #:105024x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

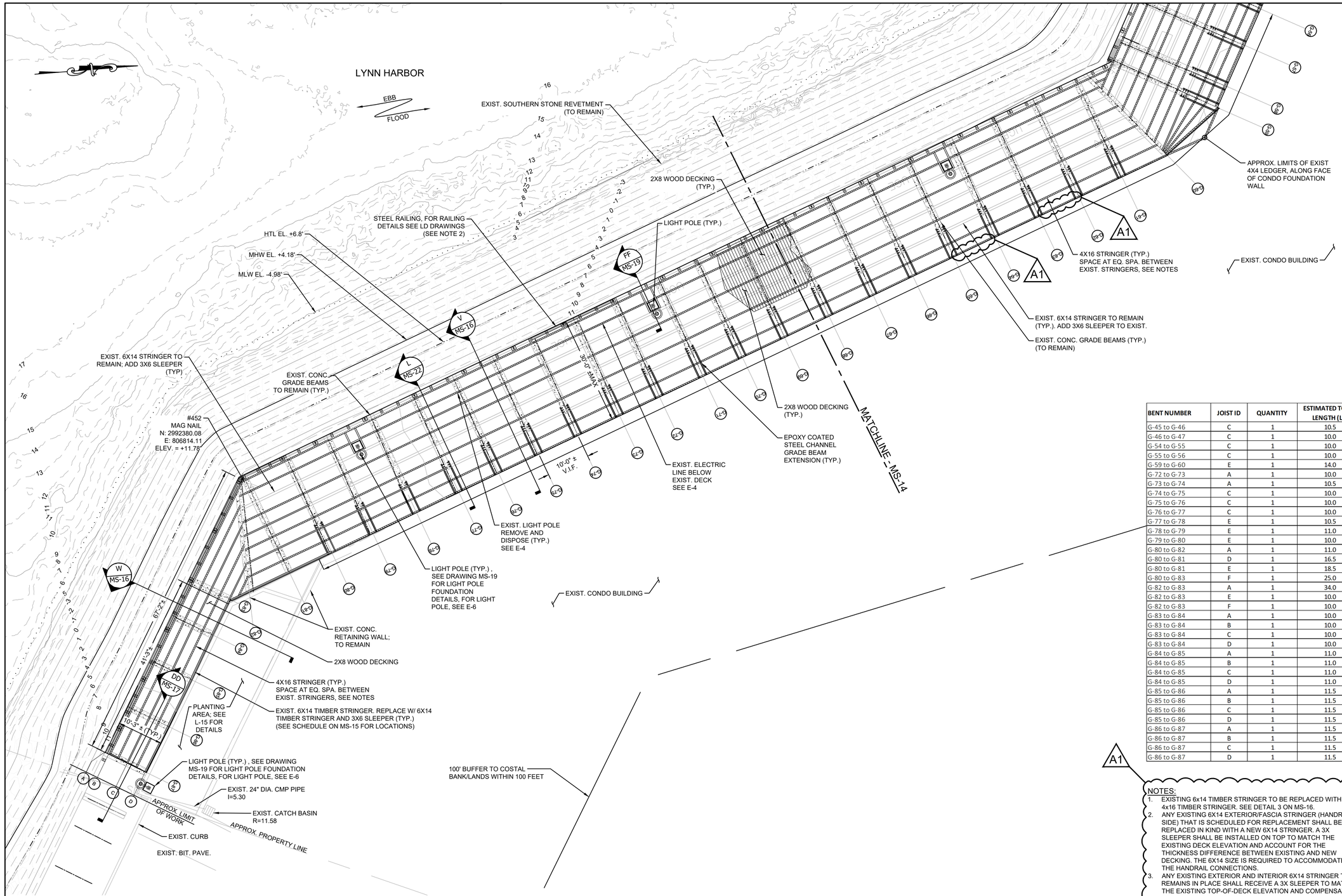
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

MS-14



BENT NUMBER	JOIST ID	QUANTITY	ESTIMATED TOTAL LENGTH (LF)
G-45 to G-46	C	1	10.5
G-46 to G-47	C	1	10.0
G-54 to G-55	C	1	10.0
G-55 to G-56	C	1	10.0
G-59 to G-60	E	1	14.0
G-72 to G-73	A	1	10.0
G-73 to G-74	A	1	10.5
G-74 to G-75	C	1	10.0
G-75 to G-76	C	1	10.0
G-76 to G-77	C	1	10.0
G-77 to G-78	E	1	10.5
G-78 to G-79	E	1	11.0
G-79 to G-80	E	1	10.0
G-80 to G-82	A	1	11.0
G-80 to G-81	D	1	16.5
G-80 to G-81	E	1	18.5
G-80 to G-83	F	1	25.0
G-82 to G-83	A	1	34.0
G-82 to G-83	E	1	10.0
G-82 to G-83	F	1	10.0
G-83 to G-84	A	1	10.0
G-83 to G-84	B	1	10.0
G-83 to G-84	C	1	10.0
G-83 to G-84	D	1	10.0
G-84 to G-85	A	1	11.0
G-84 to G-85	B	1	11.0
G-84 to G-85	C	1	11.0
G-84 to G-85	D	1	11.0
G-85 to G-86	A	1	11.5
G-85 to G-86	B	1	11.5
G-85 to G-86	C	1	11.5
G-85 to G-86	D	1	11.5
G-86 to G-87	A	1	11.5
G-86 to G-87	B	1	11.5
G-86 to G-87	C	1	11.5
G-86 to G-87	D	1	11.5

A1

NOTES:
1. EXISTING 6x14 TIMBER STRINGER TO BE REPLACED WITH NEW 4x16 TIMBER STRINGER. SEE DETAIL 3 ON MS-16.
2. ANY EXISTING 6X14 EXTERIOR/FASCIA STRINGER (HANDRAIL SIDE) THAT IS SCHEDULED FOR REPLACEMENT SHALL BE REPLACED IN KIND WITH A NEW 6X14 STRINGER. A 3X SLEEPER SHALL BE INSTALLED ON TOP TO MATCH THE EXISTING DECK ELEVATION AND ACCOUNT FOR THE THICKNESS DIFFERENCE BETWEEN EXISTING AND NEW DECKING. THE 6X14 SIZE IS REQUIRED TO ACCOMMODATE THE HANDRAIL CONNECTIONS.
3. ANY EXISTING EXTERIOR AND INTERIOR 6X14 STRINGER THAT REMAINS IN PLACE SHALL RECEIVE A 3X SLEEPER TO MATCH THE EXISTING TOP-OF-DECK ELEVATION AND COMPENSATE FOR DECKING THICKNESS DIFFERENCES.
4. ANY INTERIOR 6X14 STRINGER AND ANY EXTERIOR 6X14 (NON-RAILING SIDE) SCHEDULED FOR REPLACEMENT, AS WELL AS ANY NEW INTERIOR STRINGERS ADDED TO MEET REQUIRED MAXIMUM CENTER-TO-CENTER SPACING FOR DECK SPAN, SHALL INSTEAD BE PROVIDED AS 4X16 STRINGERS.

PARTIAL PLAN – AREA 4

SCALE 1" = 10'–0"

NOTE:
1. WOOD DECKING AND RAILING NOT SHOWN FOR CLARITY. PROVIDE RAILING FULL LENGTH ALONG WATERSIDE EDGE AND ALONG LANDSIDE EDGE AT LOCATIONS OUTSIDE OF THE CONDO BUILDING LIMITS, AT RAMPS, AND AS INDICATED ON SECTIONS.

LEGEND:

- EXIST. EXTERIOR 6x14 TIMBER STRINGER REPLACEMENT W/ NEW 6x14 TIMBER STRINGER AND NEW 3x6 SLEEPER (SEE SCHEDULE MS-15). RIP SLEEPER TO MATCH TOP OF ADJACENT 4x16 STRINGERS. FOR EXISTING 6X14 INTERIOR STRINGERS SCHEDULED FOR REPLACEMENT, REPLACE W/ NEW 4X16 TIMBER STRINGER.
- INSTALLATION OF NEW 4x16 TIMBER STRINGER
- EXIST. 6x14 TIMBER STRINGER TO REMAIN W/ ADDITIONAL NEW 3x6 SLEEPER. RIP SLEEPER TO MATCH TOP OF ADJACENT 4X16 STRINGERS.

A1

GENERAL NOTES:
1. FOR PROJECT NOTES, SEE SHEETS G-1 AND G-2.
2. HANDRAIL POST LOCATIONS ARE APPROXIMATE, CONTRACTOR TO FIELD MEASURE TO DETERMINE FINAL POST LOCATIONS PRIOR TO FABRICATION. UNLESS NOTED OTHERWISE, HANDRAIL POST SPACING SHALL NOT EXCEED 4'-0".
3. WOOD DECK SPAN AT NEW AND EXISTING TIMBER STRINGER SHALL NOT EXCEED 36".

GRAPHIC SCALE
0 5 10 20
(IN FEET)
1 INCH = 10 FEET

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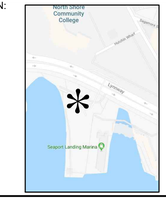
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WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

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KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/12/2025

DRAWING TITLE:

AREA 4
PARTIAL PLAN

ACCESSION #:105025x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

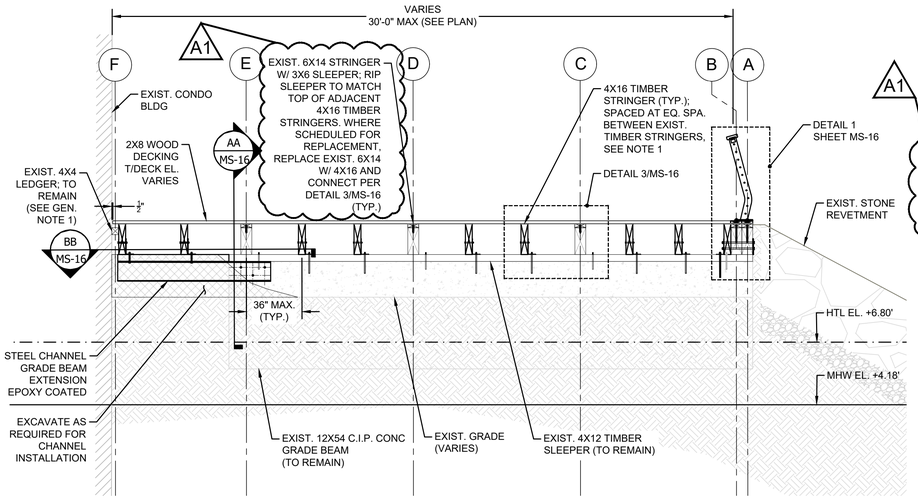
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

MS-15

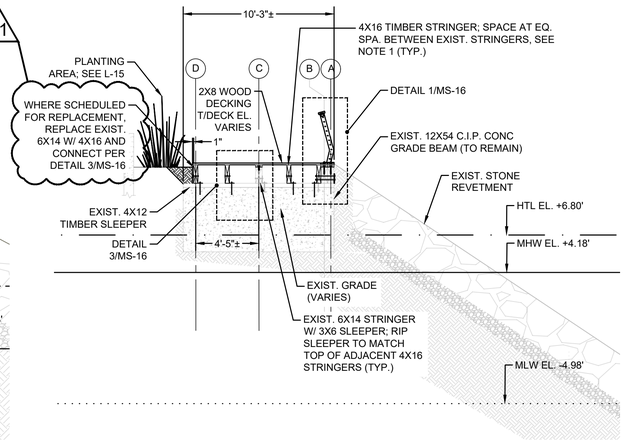


TYPICAL BOARDWALK REHABILITATION SECTION BENTS G-44 TO G-81 (BENT G-43 AND G-82 SIMILAR)

V MS-14 / V MS-15

SCALE 1" = 3'-0"

NOTE:
1. WOOD DECK SPAN AT NEW AND EXISTING TIMBER STRINGERS SHALL NOT EXCEED 36". SPACING AND QUANTITY OF STRINGERS VARIES; SEE PLAN VIEW.

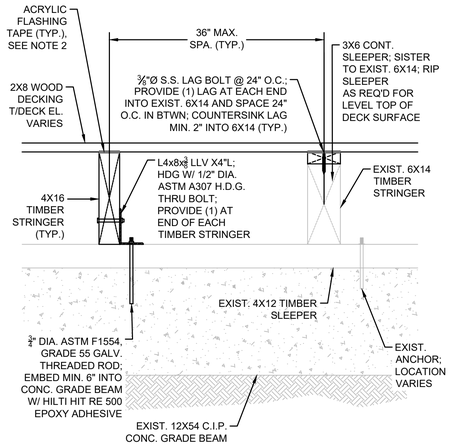


TYPICAL BOARDWALK REHABILITATION SECTION BENTS G-83 TO G-87

W MS-15

SCALE 1" = 5'-0"

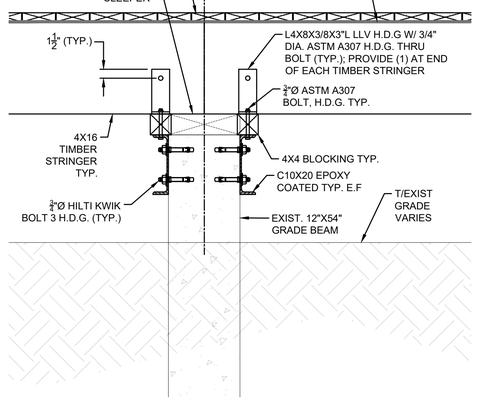
NOTE:
1. WOOD DECK SPAN AT NEW AND EXISTING TIMBER STRINGERS SHALL NOT EXCEED 36".



TYPICAL DECK CONNECTION

3 MS-16

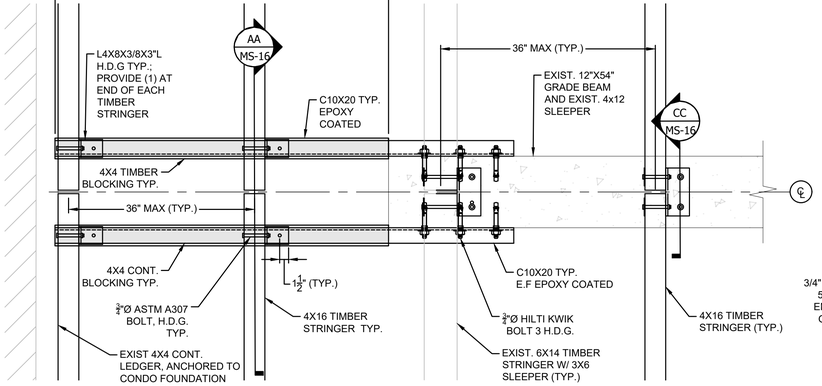
SCALE 1" = 1'-0"



GRADE BEAM CHANNEL EXTENSION SECTION

AA MS-16

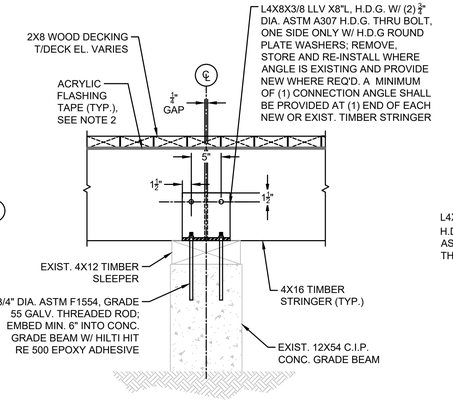
SCALE 1" = 1'-0"



GRADE BEAM CHANNEL EXTENSION PLAN

BB MS-16

SCALE 1" = 1'-0"

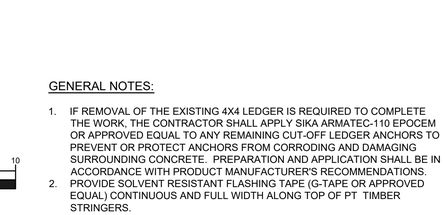


TYPICAL TIMBER STRINGER TO GRADE BEAM CONNECTION

CC MS-16

SCALE 1" = 1'-0"

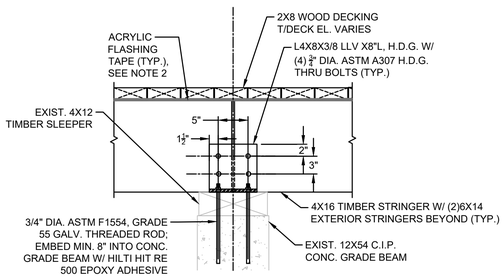
NOTE:
1. NEW 4X16 TIMBER STRINGER SHOWN. EX. 6X14 TIMBER STRINGER W/3X6 SLEEPER SIMILAR.



STEEL RAILING CONNECTION

1 MS-16

SCALE 1" = 1'-0"



TYPICAL TIMBER STRINGERS TO GRADE BEAM CONNECTION

DD MS-16

SCALE 1" = 1'-0"

GRAPHIC SCALE
0 0.5 1 2
(IN FEET)
1 INCH = 1 FEET

GRAPHIC SCALE
0 1.5 3 6
(IN FEET)
1 INCH = 3 FEET

GRAPHIC SCALE
0 2.5 5 10
(IN FEET)
1 INCH = 5 FEET

GENERAL NOTES:

1. IF REMOVAL OF THE EXISTING 4X4 LEDGER IS REQUIRED TO COMPLETE THE WORK, THE CONTRACTOR SHALL APPLY SIKA ARMATEC-110 EPOCEM OR APPROVED EQUAL TO ANY REMAINING CUT-OFF LEDGER ANCHORS TO PREVENT OR PROTECT ANCHORS FROM CORRODING AND DAMAGING SURROUNDING CONCRETE. PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH PRODUCT MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE SOLVENT RESISTANT FLASHING TAPE (G-TAPE OR APPROVED EQUAL) CONTINUOUS AND FULL WIDTH ALONG TOP OF PT TIMBER STRINGERS.

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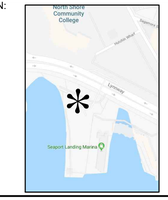
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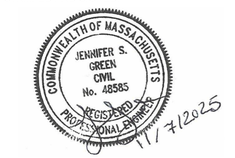
KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:



DRAWING TITLE:

AREA 3 & 4 BOARDWALK SECTIONS & DETAILS

ACCESSION #:105026x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

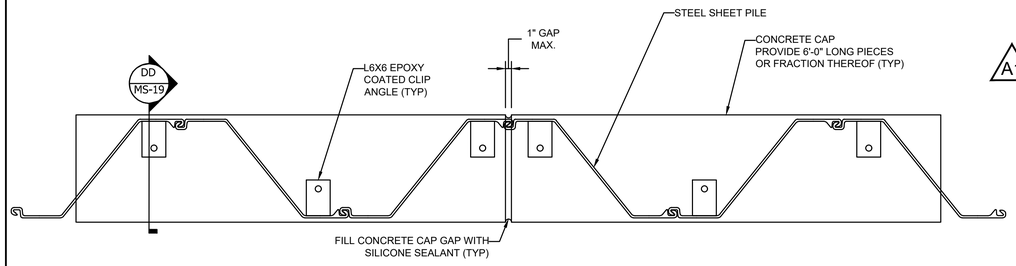
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

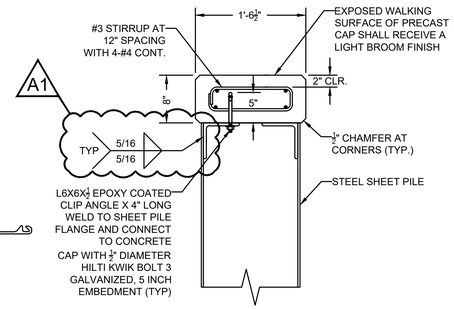
DRAWING NO.

MS-16



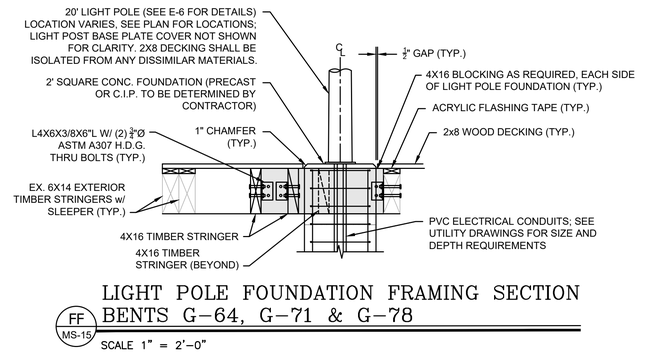
4 MS-19 TYPICAL PRECAST CONCRETE CAP DETAIL

SCALE 1" = 1'-0"



DD MS-4 TYPICAL PRECAST CONCRETE CAP SECTION

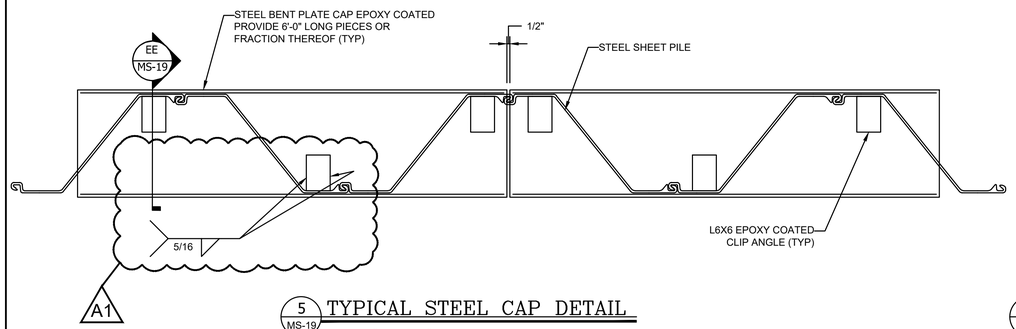
SCALE 1" = 1'-0"



FF MS-15 LIGHT POLE FOUNDATION FRAMING SECTION BENTS G-64, G-71 & G-78

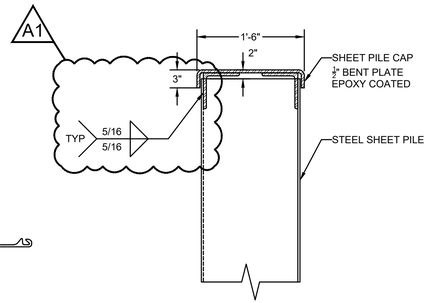
SCALE 1" = 2'-0"

NOTES:
1. SEE SECTION AA THIS SHEET FOR LIGHT POLE FOUNDATION DETAILS NOT SHOWN.
2. HANDRAIL NOT SHOWN FOR CLARITY.



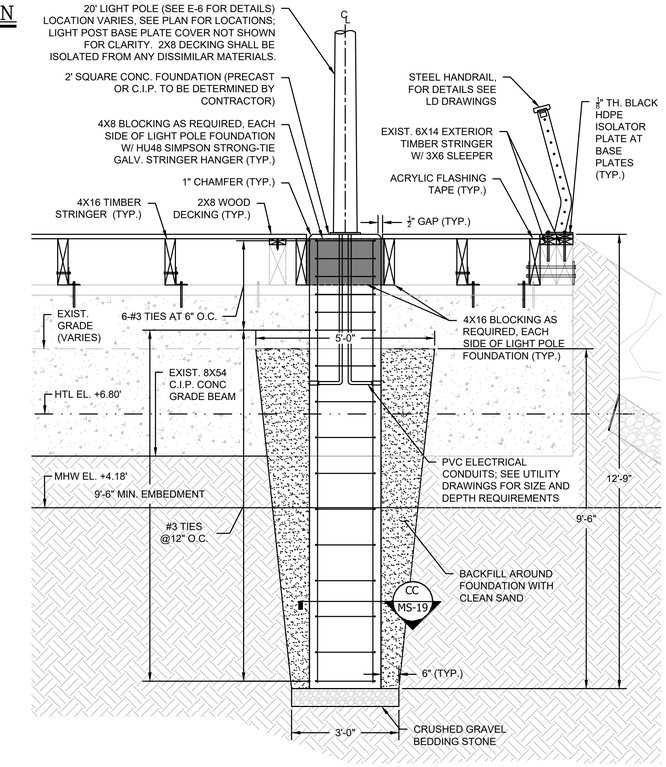
5 MS-19 TYPICAL STEEL CAP DETAIL

SCALE 1" = 1'-0"



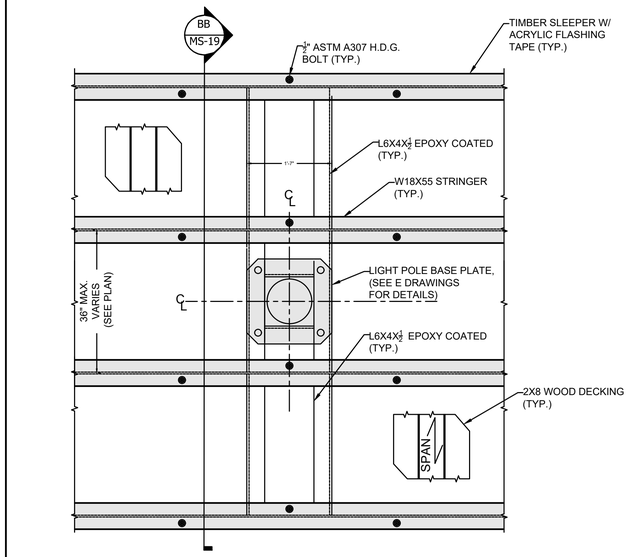
EE MS-4 TYPICAL STEEL CAP SECTION

SCALE 1" = 1'-0"



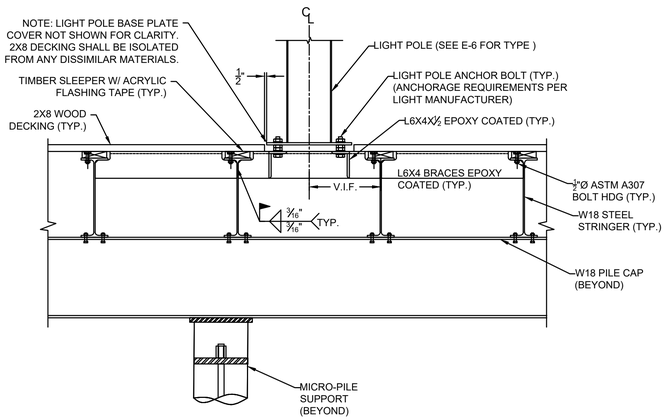
AA MS-14 LIGHT POLE FOUNDATION SECTION BENTS G-48 & G-56

SCALE 1" = 2'-0"



4 MS-19 STEEL FRAMING PARTIAL PLAN AT LIGHT POLE SUPPORT

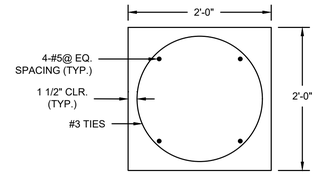
SCALE 3/4" = 1'-0"



BB MS-11 STEEL FRAMING LIGHT POLE SUPPORT SECTION

SCALE 3/4" = 1'-0"

NOTES:
1. ALL MICROPILE SUPPORTED BOARDWALK STRUCTURAL STEEL FRAMING (W18 STRINGERS, W18 PILE CAPS, MICROPILE CAP PLATES, CONNECTION ANGLES, ETC.) SHALL BE EPOXY COATED.
2. TOP TWO SECTIONS OF MICROPILES SHALL BE EPOXY COATED.



CC MS-19 LIGHT POLE FOUNDATION REINFORCEMENT

SCALE 1" = 1'-0"

GRAPHIC SCALE 0 0.5 1 2 (IN FEET) ¾ INCH = 1 FEET

GRAPHIC SCALE 0 0.5 1 2 (IN FEET) 1 INCH = 1 FEET

GRAPHIC SCALE 0 1 2 4 (IN FEET) 1 INCH = 2 FEET

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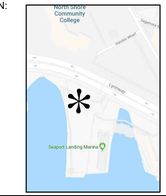
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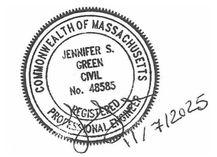
KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:



DRAWING TITLE:

LIGHT POLE SUPPORT & SHEET PILE CAP DETAILS

ACCESSION #:105029x

DESIGNED: JSG/AM/TW

DRAWN: JSD CHECKED: JSG

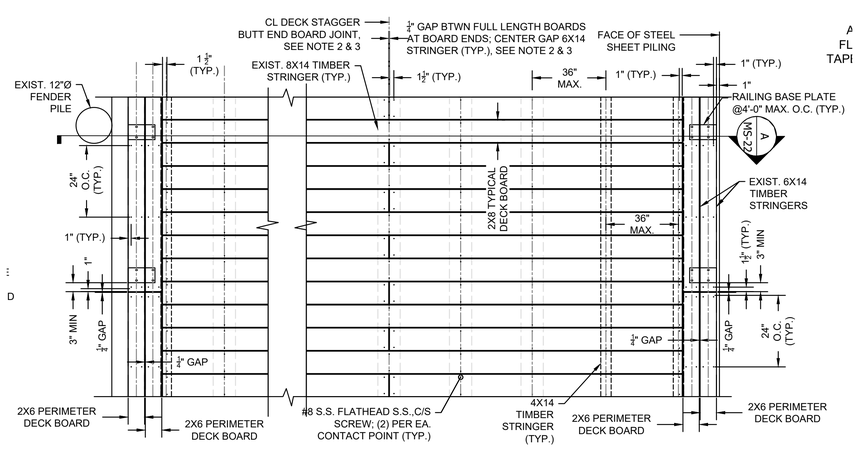
DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

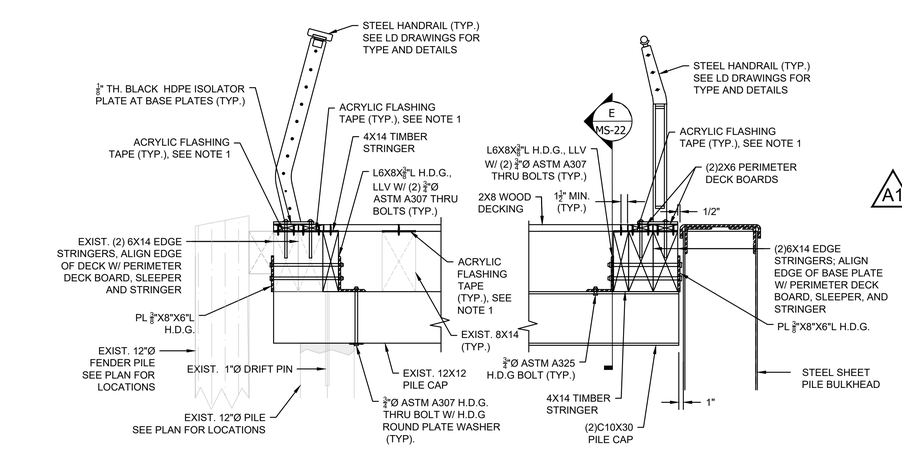
DRAWING NO.

MS-19



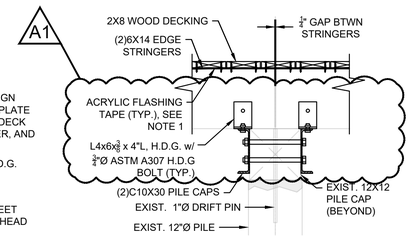
1 MS-22 AREA 1 WOOD DECK PARTIAL PLAN AT TIMBER PILE SUPPORTED BOARDWALK

SCALE 1" = 2'-0" NOTE: SUPPORT PILES NOT SHOWN FOR CLARITY



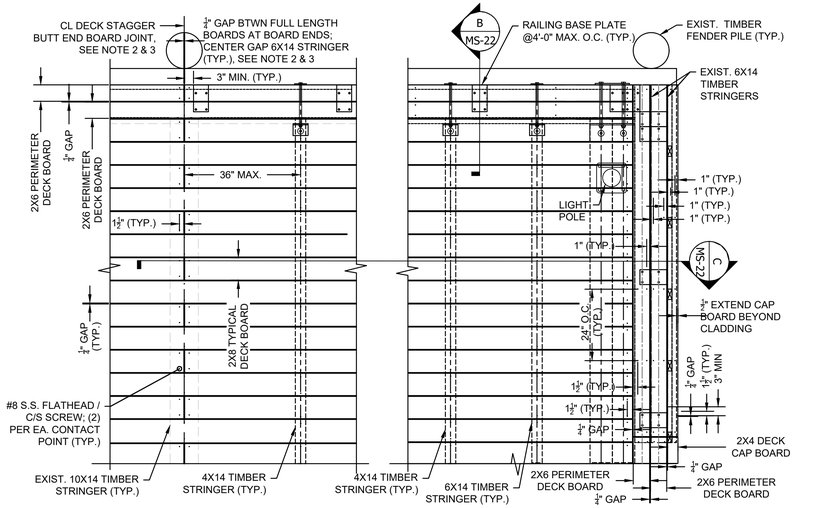
M MS-4 A MS-22 AREA 1 WOOD DECK SECTION AT TIMBER PILE SUPPORTED BOARDWALK

SCALE 3/4" = 1'-0"



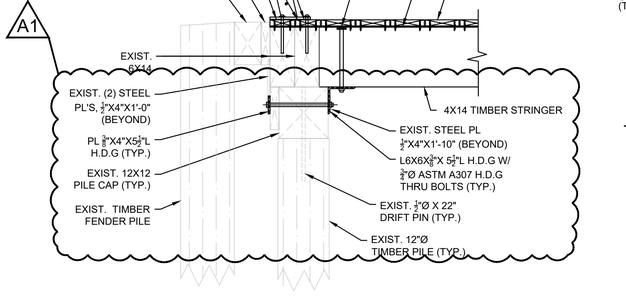
E MS-22 CONNECTION SECTION

SCALE 3/4" = 1'-0"



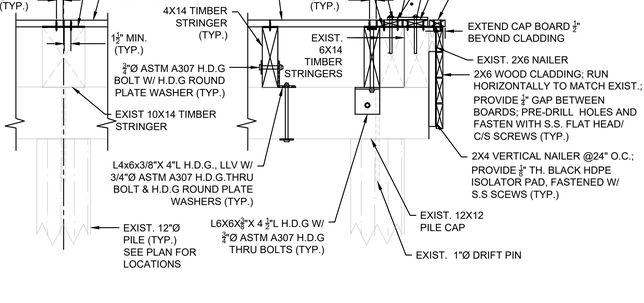
2 MS-22 AREA 1 WOOD DECK PARTIAL PLAN AT PAVILION

SCALE 1" = 2'-0" NOTE: SUPPORT PILES NOT SHOWN FOR CLARITY



J MS-8 B MS-22 AREA 1 WOOD DECK SECTION AT PAVILION

SCALE 3/4" = 1'-0"

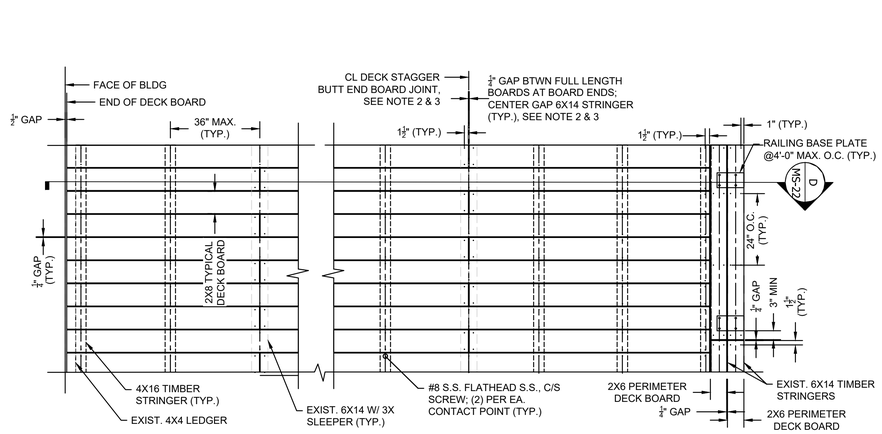


K MS-8 C MS-22 AREA 1 WOOD DECK SECTION AT PAVILION

SCALE 3/4" = 1'-0"

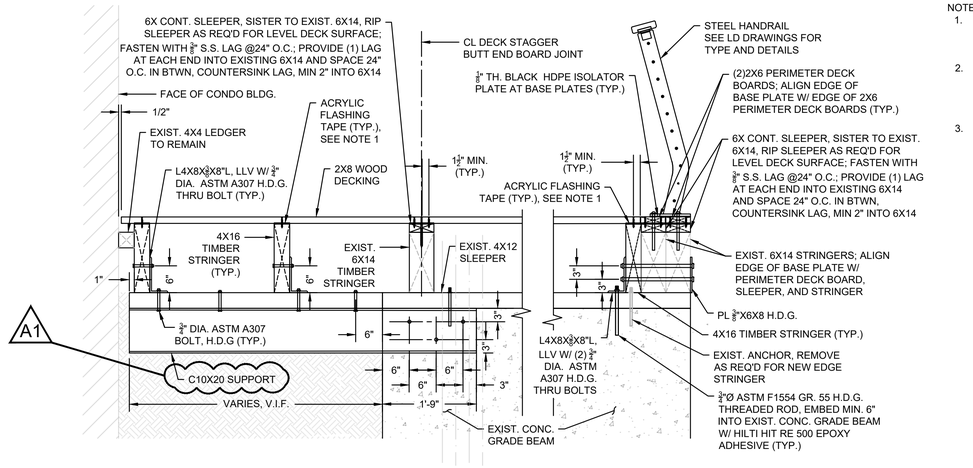
NOTES:

1. PROVIDE SOLVENT RESISTANT FLASHING TAPE (G-TAPE OR APPROVED EQUAL) CONTINUOUS AND FULL WIDTH ALONG TOP OF PT SLEEPERS AND TIMBER STRINGERS.
2. BUTT JOINT LOCATIONS SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. SUBMIT DECK BOARD LAYOUT PLAN WITH BUTT JOINT BOARD LOCATIONS FOR ENGINEER/LANDSCAPE ARCHITECT REVIEW AND APPROVAL.
3. PROVIDE FULL LENGTH DECK BOARDS WHERE POSSIBLE TO MINIMIZE FIELD CUTS. STAGGER BUTT END JOINTS OF BOARDS WITH A OF A ¾" GAP BETWEEN ENDS OF BOARDS. JOINTS BETWEEN FULL LENGTH BOARDS MUST OCCUR AT EXISTING STRINGERS WITH DIMENSIONAL WIDTH GREATER THAN 4-INCHES.



3 MS-22 AREA 3/4 WOOD PARTIAL DECK PLAN AT GRADE BEAM SUPPORTED BOARDWALK

SCALE 1" = 2'-0" NOTE: SUPPORT PILES NOT SHOWN FOR CLARITY



L MS-14 MS-15 D MS-22 AREA 3/4 WOOD DECK SECTION AT GRADE BEAM SUPPORTED BOARDWALK

SCALE 3/4" = 1'-0"

GRAPHIC SCALE

0 3/8 3/4 1.5

(IN FEET)

1 INCH = 3/4 FEET

GRAPHIC SCALE

0 1 2 4

(IN FEET)

1 INCH = 2 FEET

BROWN, RICHARDSON + ROWE

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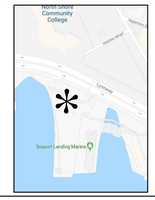
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www.stantec.com

VETERANS MEMORIAL PARK

WATERFRONT IMPROVEMENTS AND BOARDWALK RECONSTRUCTION
Lynn, MA

for the Department of Conservation and Recreation

KEY PLAN:



ISSUE:

NO.	REVISION	DATE
A1	ADDENDUM NO. 3	03/16/26

STAMPED AND SIGNED:

COMMONWEALTH OF MASSACHUSETTS
JENNIFER S. GREEN
CIVIL
No. 48585
REGISTERED PROFESSIONAL ENGINEER
11/7/2025

DRAWING TITLE:

WOOD DECK DETAILS
SHEET 1 OF 2

ACCESSION #:105032x

DESIGNED: JSG/AM/TW

DRAWN: JSG CHECKED: JSG

DATE: NOVEMBER 12, 2025

SCALE: AS NOTED

SUBMISSION: BID SET

DRAWING NO.

MS-22