



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 5 - Order of Conditions**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
 MassDEP File #:065-1007  
 eDEP Transaction #:650448  
 City/Town:SALISBURY

**A. General Information**

1. Conservation Commission **SALISBURY**
2. Issuance a.  OOC b.  Amended OOC
3. Applicant Details
  - a. First Name
  - b. Last Name
  - c. Organization **MASS DCR**
  - d. Mailing Address **251 CAUSEWAY STREET, SUITE 600**
  - e. City/Town **BOSTON** f. State **MA** g. Zip Code **02114**
4. Property Owner
  - a. First Name
  - b. Last Name
  - c. Organization **SEE ATTACHED LIST OF ADDITIONAL PROPERTY OWNERS**
  - d. Mailing Address
  - e. City/Town f. State g. Zip Code
5. Project Location
  - a. Street Address **PUBLIC ACCESS 6 THROUGH 7 ON SALISBURY BEACH STATE RESERVATION**
  - b. City/Town **SALISBURY** c. Zip Code **01952**
  - d. Assessors Map/Plat# **30** e. Parcel/Lot#1
  - f. Latitude **42.85121N** g. Longitude **70.81696W**
6. Property recorded at the Registry of Deed for:
 

a. County	b. Certificate	c. Book	d. Page
SOUTHERN ESSEX			
7. Dates
 

a. Date NOI Filed : <b>4/25/2014</b>	b. Date Public Hearing Closed: <b>5/7/2014</b>	c. Date Of Issuance: <b>5/16/2014</b>
--------------------------------------	--	---------------------------------------
8. Final Approved Plans and Other Documents
 

a. Plan Title:	b. Plan Prepared by:	c. Plan Signed/Stamped by:	d. Revised Final Date:	e. Scale:
----------------	----------------------	----------------------------	------------------------	-----------

## Additional Property Owners

DEP File No. 065-1007

Mass DCR Sand Nourishment, Public Access 6 through 7

---

Alan & Debra Dawson  
38 Pulaski Dr,  
Salem, NH 03079

Gasper Lagrasse  
PO Box 5218,  
Salisbury, MA 01952

Janice & Michael Pierro  
PO Box 5205,  
Salisbury, MA 01952

Paula Moore  
PO Box 5857,  
Salisbury, MA 01952

Mark Bean  
220 N. End Blvd  
Salisbury, MA 01952

Augie & Lynn Papetti  
178 N. End Blvd, Unit H,  
Salisbury, MA 01952

Charles Pattavina  
2 Cyr Cir,  
Andover, MA 01810

Francis & Joanne O'Neil  
38 Ferry Rd,  
Newburyport, MA 01950

Linda Weiner  
36 Navy St, Unit 2,  
Venice, CA 90291

Patricia Tower & Richard Sullivan  
26 Stonecleave Rd,  
N. Andover, MA 01845

Laura Soraghan  
33 Nicole Cir,  
E Hampstead, NH 03826

Bob King  
PO Box 813,  
Salem, NH 03079

Rachel Beckman  
208 N. End Blvd  
Salisbury, Ma 01952

Kevin & Lorraine Boivin  
59 Farm Hill Rd,  
Leominster, MA 01453

Francis & Joe Rossitto  
68 Lawrence St,  
Danvers, MA 01923

Theodore & Harold Smith  
4 Squareshire Rd,  
Sterling, MA01564

Tom Saab  
190 N. End Blvd  
Salisbury, Ma 01952

## Additional Property Owners

DEP File No. 065-1007

Mass DCR Sand Nourishment, Public Access 6 through 7

---

Stephen & Sally Manzo  
103 Fort Meadow Dr,  
Hudson, MA 01749

Joan Labell c/o Mack Robert  
16 Wyncrest Cir,  
Andover, MA 01810

James & Linda Bevilacqua  
19 Day St,  
Haverhill, MA 01832

Janet Schofield  
250 N. End Blvd  
Salisbury, MA 01952

Robert & Marion Lavoie  
14 S. Bowdoin St,  
Lawrence, MA 01843

David & Patricia Carnevale  
234 Bowdoin St,  
Winthrop, MA 02152

Ann Mcgravey-Riccio  
48 Woodbridge Rd,  
N. Andover, MA 01845

Virginia & James Hajjar  
17 Birch Ave,  
Methuen, MA 01844

Tim Fallon  
9127 Woodridge Run Dr,  
Tampa, FL 33647

John & Janice Hirschfeld  
13 Fox Run Rd,  
Newburyport, MA 01950

Anthony Rizzo  
PO Box 451,  
Seabrook, NH 03874

Jackie & Glen Guilmette  
240 N. End Blvd  
Salisbury, Ma 01952

William & Christine McGuire  
264 N. End Blvd  
Salisbury, MA 01952

Ed & Eugenia Morrison  
234 N. End Blvd  
Salisbury, Ma 01952

Anne & john McLaughlin  
PO Box 1132,  
S. Lancaster, MA 01561

Mark & Kathleen Awed  
15 Massachusetts Ave,  
Worcester, MA 01609

Pearl Conte  
260 N. End Blvd  
Salisbury, Ma 01952

Patricia & Kathleen Kennedy  
23 Beaconsfield St,  
Lawrence, MA 01843

Patrick & Pauline Bissonette  
PO Box 5696,  
Salisbury, MA 01952

Helen & William Kennedy  
10 Byron Ln,  
Lawrence, MA 01841



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 5 - Order of Conditions**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
 MassDEP File #:065-1007  
 eDEP Transaction #:650448  
 City/Town:SALISBURY

SALISBURY  
 BEACH STATE  
 RESERVATION  
 SAND  
 NOURISHMENT PROJECT. SALISBURY BEACH PROPOSED  
 WORK PUBLIC  
 ACCESS NO. 6 TO  
 NO. 7. FIGURE 1

GZA  
 GEOENVIRONMENTAL, ANDERS B. BJARNGARD 4/23/2014 AS NOTED  
 INC.

**B. Findings**

1. Findings pursuant to the Massachusetts Wetlands Protection Act

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

Check all that apply:

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

2. Commission hereby finds the project, as proposed, is:

Approved subject to:

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

Denied because:

- b.  The proposed work cannot be conditioned to meet the performance standards set forth in the wetland regulations. Therefore, work on this project may not go forward unless and until a new Notice of Intent is submitted which provides measures which are adequate to protect interests of the Act, and a final Order of Conditions is issued. **A description of the performance standards which the proposed work cannot meet is attached to this Order.**
- c.  The information submitted by the applicant is not sufficient to describe the site, the work or the effect of the work on the interests identified in the Wetlands Protection Act. Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides sufficient information and includes measures which are adequate to protect the interests of the Act, and a final Order of Conditions is issued. **A description of the specific information which is lacking and why it is necessary is attached to this Order as per 310 CMR 10.05(6)(c).**

- 3.  Buffer Zone Impacts: Shortest distance between limit of project disturbance and the wetland resource area specified in 310CMR10.02(1)(a). \_\_\_\_\_  
 a. linear feet

**Inland Resource Area Impacts:**(For Approvals Only):



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 5 - Order of Conditions**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
 MassDEP File #:065-1007  
 eDEP Transaction #:650448  
 City/Town:SALISBURY

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
4. <input type="checkbox"/> Bank	<u>                    </u> a. linear feet	<u>                    </u> b. linear feet	<u>                    </u> c. linear feet	<u>                    </u> d. linear feet
5. <input type="checkbox"/> Bordering Vegetated Wetland	<u>                    </u> a. square feet	<u>                    </u> b. square feet	<u>                    </u> c. square feet	<u>                    </u> d. square feet
6. <input type="checkbox"/> Land under Waterbodies and Waterways	<u>                    </u> a. square feet	<u>                    </u> b. square feet	<u>                    </u> c. square feet	<u>                    </u> d. square feet
	<u>                    </u> e. c/y dredged	<u>                    </u> f. c/y dredged		
7. <input type="checkbox"/> Bordering Land Subject to Flooding	<u>                    </u> a. square feet	<u>                    </u> b. square feet	<u>                    </u> c. square feet	<u>                    </u> d. square feet
Cubic Feet Flood Storage	<u>                    </u> e. cubic feet	<u>                    </u> f. cubic feet	<u>                    </u> g. cubic feet	<u>                    </u> h. cubic feet
8. <input type="checkbox"/> Isolated Land Subject to Flooding	<u>                    </u> a. square feet	<u>                    </u> b. square feet		
Cubic Feet Flood Storage	<u>                    </u> c. cubic feet	<u>                    </u> d. cubic feet	<u>                    </u> e. cubic feet	<u>                    </u> f. cubic feet
9. <input type="checkbox"/> Riverfront Area	<u>                    </u> a. total sq. feet	<u>                    </u> b. total sq. feet		
Sq ft within 100 ft	<u>                    </u> c. square feet	<u>                    </u> d. square feet	<u>                    </u> e. square feet	<u>                    </u> f. square feet
Sq ft between 100-200 ft	<u>                    </u> g. square feet	<u>                    </u> h. square feet	<u>                    </u> i. square feet	<u>                    </u> j. square feet

**Coastal Resource Area Impacts:**

Resource Area	Proposed Alteration	Permitted Alteration	Proposed Replacement	Permitted Replacement
10. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below			
11. <input type="checkbox"/> Land Under the Ocean	<u>                    </u> a. square feet	<u>                    </u> b. square feet		
	<u>                    </u> c. c/y dredged	<u>                    </u> d. c/y dredged		
12. <input checked="" type="checkbox"/> Barrier Beaches	Indicate size under Coastal Beaches and/or Coastal Dunes below			
13. <input type="checkbox"/> Coastal Beaches	<u>                    </u> a. square feet	<u>                    </u> b. square feet	<u>                    </u> c. c/y nourishment	<u>                    </u> d. c/y nourishment
14. <input checked="" type="checkbox"/> Coastal Dunes	<u>80000</u> a. square feet	<u>80000</u> b. square feet	<u>80000</u> c. c/y nourishment	<u>80000</u> d. c/y nourishment



**Massachusetts Department of Environmental Protection**  
 Bureau of Resource Protection - Wetlands  
**WPA Form 5 - Order of Conditions**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
 MassDEP File #:065-1007  
 eDEP Transaction #:650448  
 City/Town:SALISBURY

15.  Coastal Banks  
 a.            linear feet    b.            linear feet
16.  Rocky Intertidal Shores  
 a.            square feet    b.            square feet
17.  Salt Marshes  
 a.            square feet    b.            square feet    c.            square feet    d.            square feet
18.  Land Under Salt Ponds  
 a.            square feet    b.            square feet  
 c.            c/y dredged    d.            c/y dredged
19.  Land Containing Shellfish  
 a.            square feet    b.            square feet    c.            square feet    d.            square feet
20.  Fish Runs  
 Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above  
 c.            c/y dredged    d.            c/y dredged
21.  Land Subject to Coastal Storm Flowage  
80000    80000  
 a. square feet    b. square feet

22.  
 Restoration/Enhancement (For Approvals Only)  
 If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.5.c & d or B.17.c & d above, please entered the additional amount here.

a.            square feet of BVW    b.            square feet of Salt Marsh

23.  
 Streams Crossing(s)  
 If the project involves Stream Crossings, please enter the number of new stream crossings/number of replacement stream crossings.

a.            number of new stream crossings    b.            number of replacement stream crossings

- C. General Conditions Under Massachusetts Wetlands Protection Act**  
 The following conditions are only applicable to Approved projects
1. Failure to comply with all conditions stated herein, and with all related statutes and other regulatory measures, shall be deemed cause to revoke or modify this Order.
  2. The Order does not grant any property rights or any exclusive privileges; it does not authorize any injury to private property or invasion of private rights.
  3. This Order does not relieve the permittee or any other person of the necessity of complying with all other applicable federal, state, or local statutes, ordinances, bylaws, or regulations.
  4. The work authorized hereunder shall be completed within three years from the date of this Order unless either of the following apply:
    - a. the work is a maintenance dredging project as provided for in the Act; or
    - b. the time for completion has been extended to a specified date more than three years, but less than five



**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection - Wetlands  
**WPA Form 5 - Order of Conditions**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
MassDEP File #:065-1007  
eDEP Transaction #:650448  
City/Town:SALISBURY

years, from the date of issuance. If this Order is intended to be valid for more than three years, the extension date and the special circumstances warranting the extended time period are set forth as a special condition in this Order.

5. This Order may be extended by the issuing authority for one or more periods of up to three years each upon application to the issuing authority at least 30 days prior to the expiration date of the Order.
6. If this Order constitutes an Amended Order of Conditions, this Amended Order of Conditions does not exceed the issuance date of the original Final Order of Conditions.
7. Any fill used in connection with this project shall be clean fill. Any fill shall contain no trash, refuse, rubbish, or debris, including but not limited to lumber, bricks, plaster, wire, lath, paper, cardboard, pipe, tires, ashes, refrigerators, motor vehicles, or parts of any of the foregoing.
8. This Order is not final until all administrative appeal periods from this Order have elapsed, or if such an appeal has been taken, until all proceedings before the Department have been completed.
9. No work shall be undertaken until the Order has become final and then has been recorded in the Registry of Deeds or the Land Court for the district in which the land is located, within the chain of title of the affected property. In the case of recorded land, the Final Order shall also be noted in the Registry's Grantor Index under the name of the owner of the land upon which the proposed work is to be done. In the case of the registered land, the Final Order shall also be noted on the Land Court Certificate of Title of the owner of the land upon which the proposed work is done. The recording information shall be submitted to the Conservation Commission on the form at the end of this Order, which form must be stamped by the Registry of Deeds, prior to the commencement of work.
10. A sign shall be displayed at the site not less than two square feet or more than three square feet in size bearing the words,  
"Massachusetts Department of Environmental Protection"  
[or "MassDEP"]  
File Number : "065-1007"
11. Where the Department of Environmental Protection is requested to issue a Superseding Order, the Conservation Commission shall be a party to all agency proceedings and hearings before Mass DEP.
12. Upon completion of the work described herein, the applicant shall submit a Request for Certificate of Compliance (WPA Form 8A) to the Conservation Commission.
13. The work shall conform to the plans and special conditions referenced in this order.
14. Any change to the plans identified in Condition #13 above shall require the applicant to inquire of the Conservation Commission in writing whether the change is significant enough to require the filing of a new Notice of Intent.
15. The Agent or members of the Conservation Commission and the Department of Environmental Protection shall have the right to enter and inspect the area subject to this Order at reasonable hours to evaluate compliance with the conditions stated in this Order, and may require the submittal of any data deemed necessary by the Conservation Commission or Department for that evaluation.
16. This Order of Conditions shall apply to any successor in interest or successor in control of the property subject to this Order and to any contractor or other person performing work conditioned by this Order.
17. Prior to the start of work, and if the project involves work adjacent to a Bordering Vegetated Wetland, the boundary of the wetland in the vicinity of the proposed work area shall be marked by wooden stakes or flagging. Once in place, the wetland boundary markers shall be maintained until a Certificate of Compliance has been issued by the Conservation Commission.
18. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems that occur at the site and shall also immediately notify the Conservation Commission, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by this Order.

NOTICE OF STORMWATER CONTROL AND MAINTENANCE REQUIREMENTS



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**WPA Form 5 - Order of Conditions**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
MassDEP File #:065-1007  
eDEP Transaction #:650448  
City/Town:SALISBURY

19. The work associated with this Order(the "Project") is (1)  is not (2)  subject to the Massachusetts Stormwater Standards. If the work is subject to Stormwater Standards, then the project is subject to the following conditions;
- a) All work, including site preparation, land disturbance, construction and redevelopment, shall be implemented in accordance with the construction period pollution prevention and erosion and sedimentation control plan and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollutant Discharge Elimination System Construction General Permit as required by Stormwater Standard 8. Construction period erosion, sedimentation and pollution control measures and best management practices (BMPs) shall remain in place until the site is fully stabilized.
  - b) No stormwater runoff may be discharged to the post-construction stormwater BMPs unless and until a Registered Professional Engineer provides a Certification that: *i.* all construction period BMPs have been removed or will be removed by a date certain specified in the Certification. For any construction period BMPs intended to be converted to post construction operation for stormwater attenuation, recharge, and/or treatment, the conversion is allowed by the MassDEP Stormwater Handbook BMP specifications and that the BMP has been properly cleaned or prepared for post construction operation, including removal of all construction period sediment trapped in inlet and outlet control structures; *ii.* as-built final construction BMP plans are included, signed and stamped by a Registered Professional Engineer, certifying the site is fully stabilized; *iii.* any illicit discharges to the stormwater management system have been removed, as per the requirements of Stormwater Standard 10; *iv.* all post-construction stormwater BMPs are installed in accordance with the plans (including all planting plans) approved by the issuing authority, and have been inspected to ensure that they are not damaged and that they are in proper working condition; *v.* any vegetation associated with post-construction BMPs is suitably established to withstand erosion.
  - c) The landowner is responsible for BMP maintenance until the issuing authority is notified that another party has legally assumed responsibility for BMP maintenance. Prior to requesting a Certificate of Compliance, or Partial Certificate of Compliance, the responsible party (defined in General Condition 19(e)) shall execute and submit to the issuing authority an Operation and Maintenance Compliance Statement ("O&M Statement") for the Stormwater BMPs identifying the party responsible for implementing the stormwater BMP Operation and Maintenance Plan ("O&M Plan") and certifying the following: *i.* the O&M Plan is complete and will be implemented upon receipt of the Certificate of Compliance, and *ii.* the future responsible parties shall be notified in writing of their ongoing legal responsibility to operate and maintain the stormwater management BMPs and implement the Stormwater Pollution Prevention Plan.
  - d) Post-construction pollution prevention and source control shall be implemented in accordance with the long-term pollution prevention plan section of the approved Stormwater Report and, if applicable, the Stormwater Pollution Prevention Plan required by the National Pollutant Discharge Elimination System Multi-Sector General Permit.
  - e) Unless and until another party accepts responsibility, the landowner, or owner of any drainage easement, assumes responsibility for maintaining each BMP. To overcome this presumption, the landowner of the property must submit to the issuing authority a legally binding agreement of record, acceptable to the issuing authority, evidencing that another entity has accepted responsibility for maintaining the BMP, and that the proposed responsible party shall be treated as a permittee for purposes of implementing the requirements of Conditions 19(f) through 19(k) with respect to that BMP. Any failure of the proposed responsible party to implement the requirements of Conditions 19(f) through 19(k) with respect to that BMP shall be a violation of the Order of Conditions or Certificate of Compliance. In the case of stormwater BMPs that are serving more than one lot, the legally binding agreement shall also identify the lots that will be serviced by the stormwater BMPs. A plan and easement deed that grants the responsible party access to perform the required operation and maintenance must be submitted along with the legally binding agreement.
  - f) The responsible party shall operate and maintain all stormwater BMPs in accordance with the design plans, the O&M Plan, and the requirements of the Massachusetts Stormwater Handbook.
  - g) The responsible party shall:
    1. Maintain an operation and maintenance log for the last three (3) consecutive calendar years of inspections, repairs, maintenance and/or replacement of the stormwater management system or any part thereof, and disposal (for disposal the log shall indicate the type of material and the disposal location);
    2. Make the maintenance log available to MassDEP and the Conservation Commission ("Commission") upon request; and
    3. Allow members and agents of the MassDEP and the Commission to enter and inspect the site to evaluate and ensure



that the responsible party is in compliance with the requirements for each BMP established in the O&M Plan approved by the issuing authority.

- h) All sediment or other contaminants removed from stormwater BMPs shall be disposed of in accordance with all applicable federal, state, and local laws and regulations.
- i) Illicit discharges to the stormwater management system as defined in 310 CMR 10.04 are prohibited.
- j) The stormwater management system approved in the Order of Conditions shall not be changed without the prior written approval of the issuing authority.
- k) Areas designated as qualifying pervious areas for the purpose of the Low Impact Site Design Credit (as defined in the MassDEP Stormwater Handbook, Volume 3, Chapter 1, Low Impact Development Site Design Credits) shall not be altered without the prior written approval of the issuing authority.
- l) Access for maintenance, repair, and/or replacement of BMPs shall not be withheld. Any fencing constructed around stormwater BMPs shall include access gates and shall be at least six inches above grade to allow for wildlife passage.

**Special Conditions:**

**D. Findings Under Municipal Wetlands Bylaw or Ordinance**

1. Is a municipal wetlands bylaw or ordinance applicable?  Yes  No

2. The Conservation Commission hereby (check one that applies):

a.  DENIES the proposed work which cannot be conditioned to meet the standards set forth in a municipal ordinance or bylaw specifically:

1. Municipal Ordinance or Bylaw \_\_\_\_\_ 2. Citation \_\_\_\_\_

Therefore, work on this project may not go forward unless and until a revised Notice of Intent is submitted which provides measures which are adequate to meet these standards, and a final Order or Conditions is issued. Which are necessary to comply with a municipal ordinance or bylaw:

b.  APPROVES the proposed work, subject to the following additional conditions.

1. Municipal Ordinance or Bylaw \_\_\_\_\_ 2. Citation \_\_\_\_\_

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

The special conditions relating to municipal ordinance or bylaw are as follows:

Salisbury Conservation Commission  
Special Conditions

Applicant: Mass DCR

Address: Salisbury Beach State Reservation, public access 6-7

DEP File #: 065-1007

20. The Conservation Commission (Commission) shall be notified in writing at the time of any transfer in the title to the property or any change in contractor/developers prior to the issuance of the Certificate of Compliance. The name, address and telephone number of the new owner shall be included in the notification, as well as certification that the new owner has been provided with a copy of this Order of Conditions.

**Pre-Construction Conditions**

Prior to the commencement of construction, the applicant shall:

21. Arrange for a pre-construction meeting with the Conservation Commission or its designated representative(s) no less than 72 hours prior to the commencement of construction. Commencement of construction includes any site clearing or grading. The purpose of this meeting is to inspect the erosion controls and to review all conditions of this Order of Conditions with the applicant, contractor and sub-contractors as appropriate to ensure they are understood.
22. Provide to the Commission the name, address and telephone number of the person immediately responsible for supervision of all work, and maintaining compliance with this Order of Conditions. This person shall serve as project manager until a Certificate of Compliance is issued, or until another project manager is designated. Should the project manager change during the course of the project, the Commission shall be notified as soon as practical of this change.
23. Inform **all** contractors and subcontractors of the conditions and provisions of this Order. This Order shall be included in all construction contracts and subcontracts dealing with the work and shall supersede other contract requirements.
24. All property owners must provide authorization to perform work prior to commencement of work.
25. The limits of work in the field shall be clearly marked and all workers shall be instructed not to work beyond the limits.
26. The Commission shall be notified 24 hours in advance of the commencement of work at the site.
27. Imported compatible sand must be inspected for compliance prior to placement on the beach with the source of the sand documented

**Construction Conditions**

During the Construction Phase of this project:

28. Accepted engineering and construction standards shall be followed in the conduct of all work.
29. No excavated material shall be disposed of in violation of any local, state or federal laws.
30. Equipment storage, maintenance and refueling areas shall be located at least 100 feet from resource areas or as otherwise approved by the Commission.

31. Any de-watering activities at the site shall make use of a de-watering filter, stilling basin or settling basin to remove sediment prior to discharge into resource areas.
32. During and after work on this project, there shall be no discharge or spillage of fuel, oil, or other pollutants into any part of the site governed by this Order.
33. Imported compatible sand shall be placed adjacent to and matching up to existing dunes utilizing the two alternatives as appropriate given site constraints.
34. Public Access #7 shall be restored to original conditions.
35. Area of dune nourishment shall utilize snow fencing and be planted with dune vegetation.
36. There shall be no stump dumps or burying of stumps or any material in any part of the site governed by this Order.
37. The applicant, developer or on-site contractor shall submit to the Conservation Commission, during construction and until a Certificate of Compliance is issued, monthly written status reports prepared by a professional competent in such evaluation, summarizing the work that has been completed, compliance with the Order of Conditions and the status of the erosion controls. Such reports shall be submitted by the last day of each month.
38. Any resource areas that are disturbed during construction are to be restored immediately, in accordance with a plan prepared by a professional wetland scientist and approved by the Conservation Commission.
39. Failure to comply with all Conditions shall constitute sufficient grounds for the Commission to order all work to cease until compliance is achieved.

**Post Construction Conditions**

The following conditions shall survive the Order of Conditions and remain in effect in perpetuity:

40. Prior to the issuance of a Certificate of Compliance, the applicant shall submit to the Conservation Commission for review and approval an **as-built** plan of the project, signed and stamped by a professional engineer or professional land surveyor. This plan shall be accompanied by a letter from the engineer of record stating whether the project has been constructed in accordance with approved plans, and if not, what deviations have been made from the approved plans.



Massachusetts Department of Environmental Protection  
 Bureau of Resource Protection - Wetlands  
**WPA Form 5 – Order of Conditions**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
025-1007  
 MassDEP File #

eDEP Transaction #  
Salisbury  
 City/Town

**E. Signatures**

*DCR, Public Access 6-7*

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

5/16/2014  
 1. Date of Issuance

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

FOUR  
 2. Number of Signers

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

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

Signatures:

*Shyl Albul* 5/7/2014  
*Audie Bernick* 5/7/14  
*J. Pennell* 5/14/14  
*Matthew* 05/19/2014

by hand delivery on  
5/19/2014  
 Date

by certified mail, return receipt requested, on  
 \_\_\_\_\_  
 Date

**F. Appeals**

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

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

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

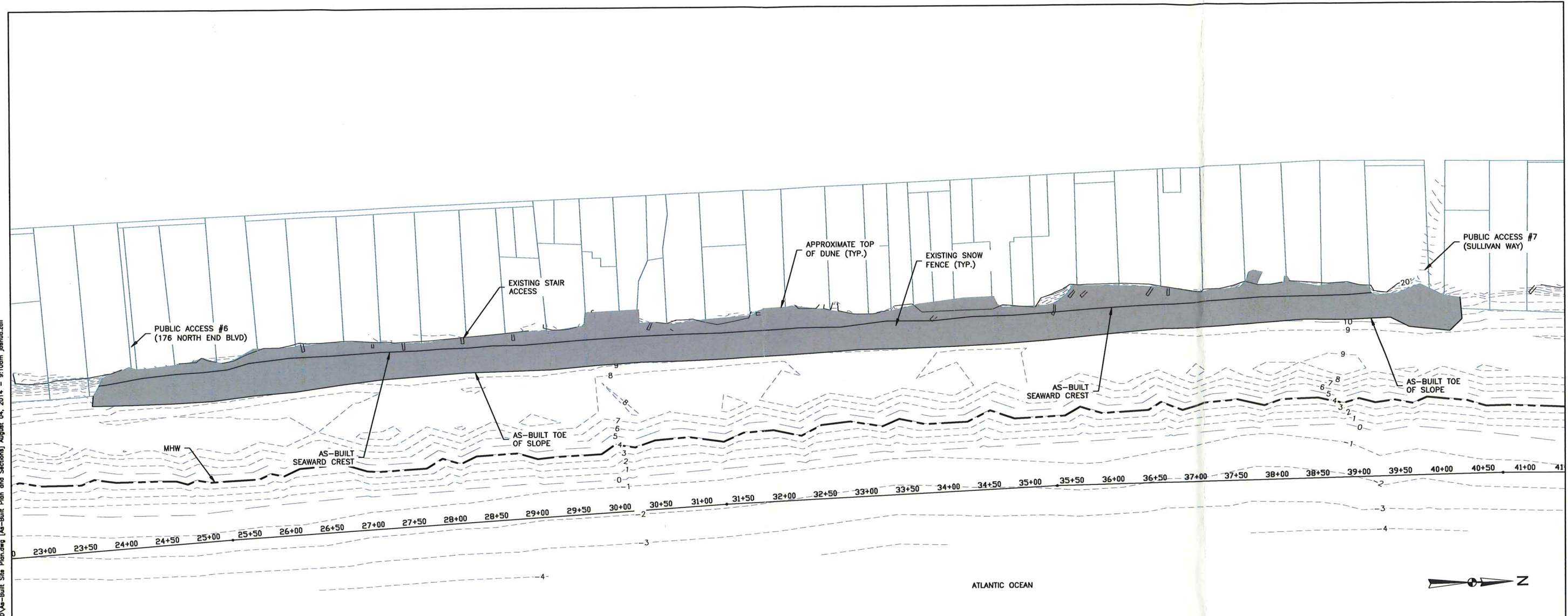




**Massachusetts Department of Environmental Protection**  
Bureau of Resource Protection - Wetlands  
**WPA Form 5 - Order of Conditions**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:  
MassDEP File #:065-1007  
eDEP Transaction #:650448  
City/Town:SALISBURY

© 2014 - GZA GeoEnvironmental, Inc. GZA-18.0171917.00 DCR Salisbury Beach Harvest-Nourishment Figures-CAD\4-Built Site Plan.dwg [As-Built Plan and Sections] August 04, 2014 -- 9:10am jphua.zai



SALISBURY BEACH (STA. 23+00 TO 41+00)  
SCALE: 1"=60'

**LEGEND:**

- MEAN HIGH WATER (MHW)
- MEAN LOW WATER (MLW)
- - - - 2 - - - - MINOR CONTOUR
- - - - 10 - - - - MAJOR CONTOUR
- ▭ STAIR ACCESS
- TOP OF DUNE
- PROPERTY LINE (APPROXIMATE)

**NOTES:**

1. DATUM: NAVD88=0.0, MLLW=-4.39, MLW=-4.09, MHW=3.91.
2. PRE-CONSTRUCTION SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 5 THRU MARCH 7, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
3. AS-BUILT SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON JUNE 24, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
4. PROPERTY LINES ARE APPROXIMATE AND WERE OBTAINED FROM MASSACHUSETTS OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS).
5. CONTOURS SHOWN ARE PRE-CONSTRUCTION SURVEY CONTOURS. SEE SHEETS 2 AND 3 FOR POST CONSTRUCTION SECTIONS.



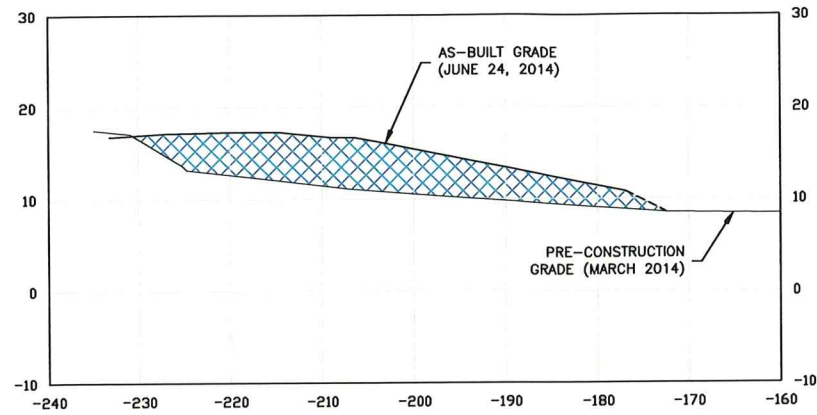
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

SALISBURY BEACH STATE RESERVATION  
SAND HARVEST AND DUNE NOURISHMENT  
CONTRACT NO. 914-2910-D1A

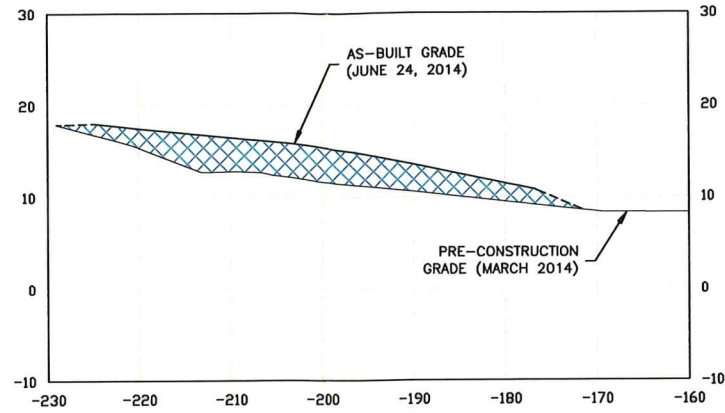
**SALISBURY BEACH AS-BUILT PLAN  
ACCESS #6 TO #7 NOURISHMENT**

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114	
PROJ MGR: DAS	DESIGNED BY: DAS	REVIEWED BY: ABB	CHECKED BY: DAS
DATE: JULY 2014	PROJECT NO: 18.0171917.00	SCALE: AS SHOWN	REVISION NO.
			FIGURE <b>1</b> SHEET NO. 1 OF 3

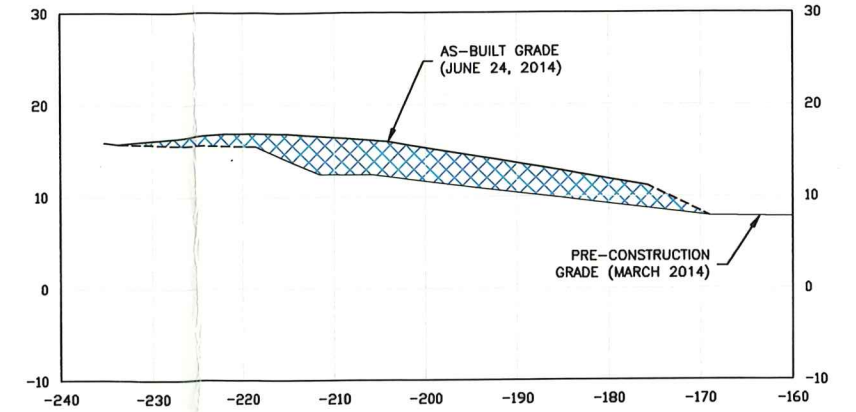
© 2014 - GZA GeoEnvironmental, Inc. GZA-1719005-18.0171917.00 DCR, Salisbury Beach Harvest-Nourishment-Figures-CAVAs-Built Site Plan.dwg [As-Built Plan and Sections] August 04, 2014 - 9:11am jehuezzl



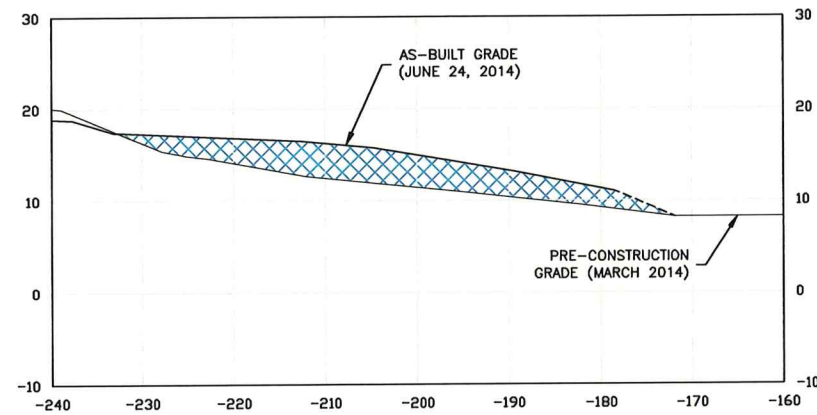
AS-BUILT SECTION  
(STA 32+50)



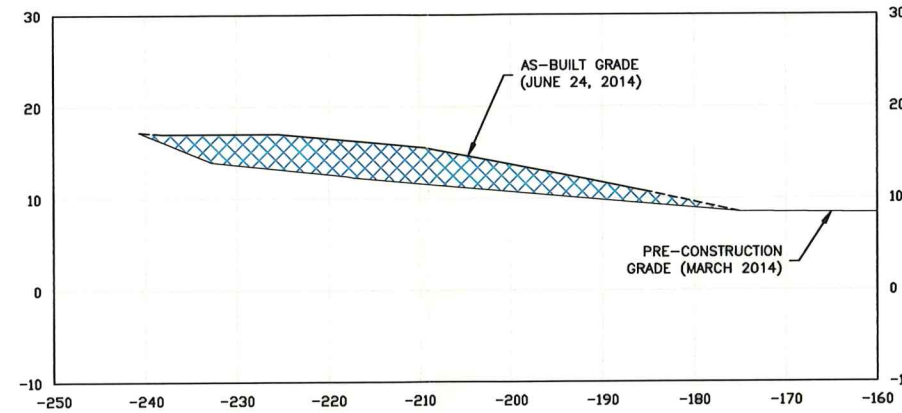
AS-BUILT SECTION  
(STA 33+50)



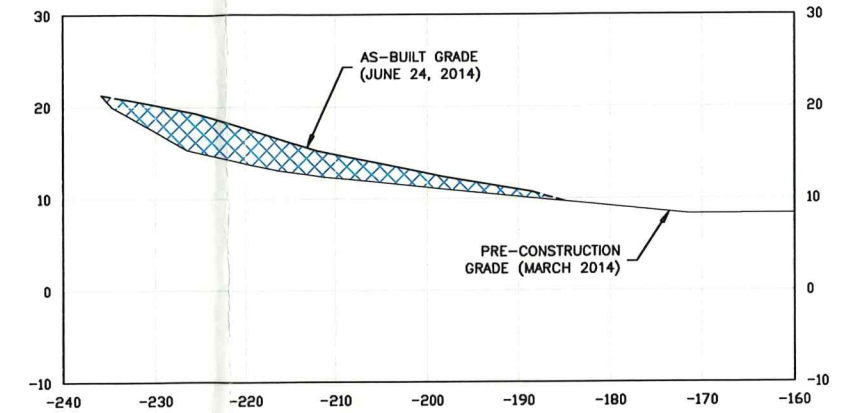
AS-BUILT SECTION  
(STA 34+50)



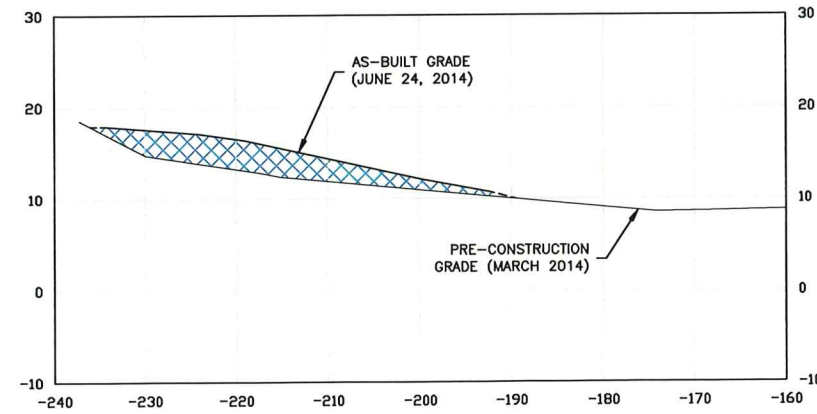
AS-BUILT SECTION  
(STA 35+50)



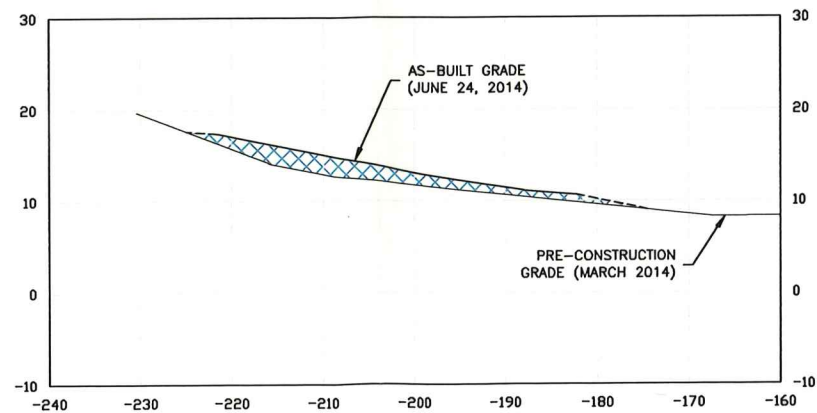
AS-BUILT SECTION  
(STA 36+50)



AS-BUILT SECTION  
(STA 37+50)



AS-BUILT SECTION  
(STA 38+50)



AS-BUILT SECTION  
(STA 39+50)



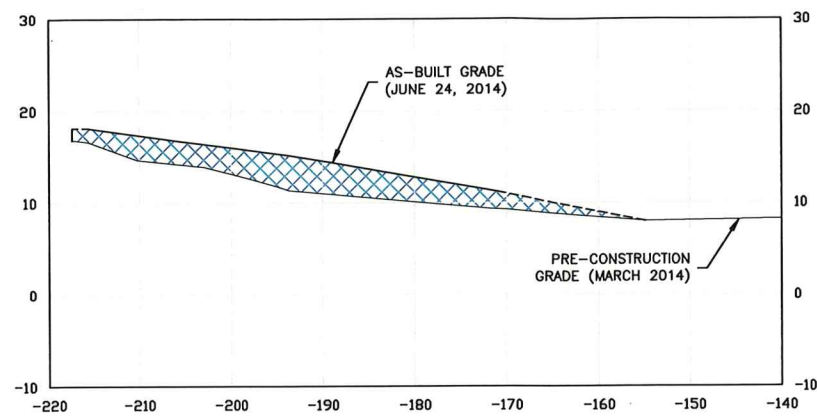
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

SALISBURY BEACH STATE RESERVATION  
SAND HARVEST AND DUNE NOURISHMENT  
CONTRACT NO. 914-2910-D1A

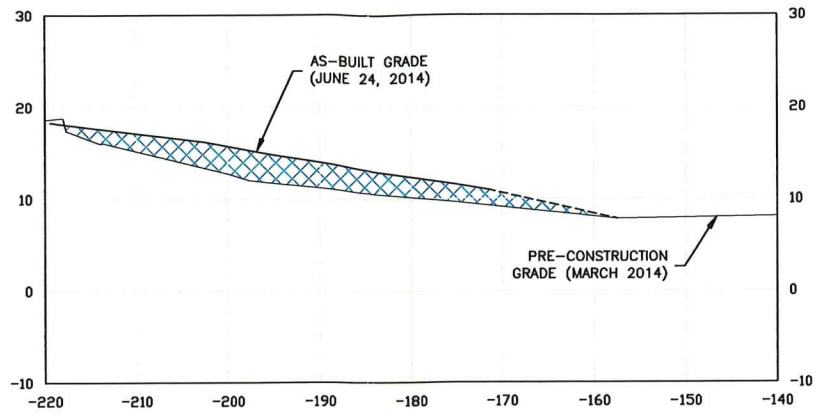
**SALISBURY BEACH AS-BUILT SECTIONS  
ACCESS #6 TO #7 NOURISHMENT**

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114
PROJ MGR: DAS DESIGNED BY: DAS DATE: JULY 2014	REVIEWED BY: ABB DRAWN BY: JJZ PROJECT NO.: 18.0171917.00
CHECKED BY: DAS SCALE: AS SHOWN REVISION NO.	FIGURE <b>3</b> SHEET NO. 3 OF 3

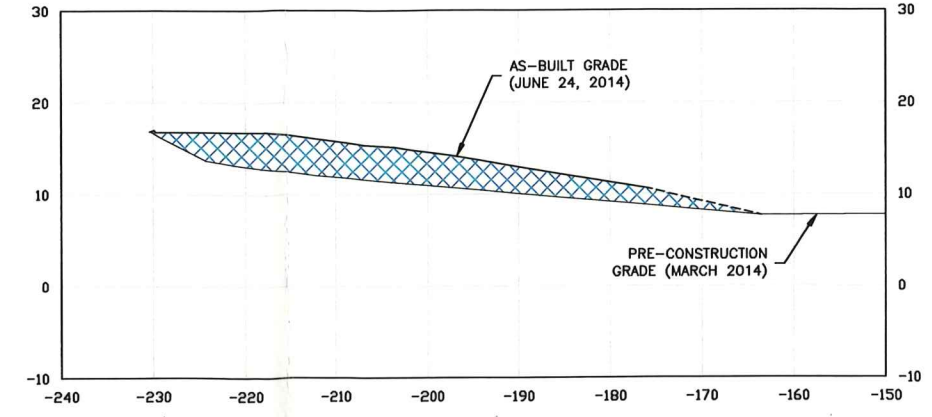
© 2014 - GZA GeoEnvironmental, Inc. GZA-18.0171900-00 DCR Salisbury Beach Harvest-Nourishment-Figures-CAD-As-Built Site Plan.dwg [As-Built Plan and Sections] August 04, 2014 - 9:10am jphua.zai



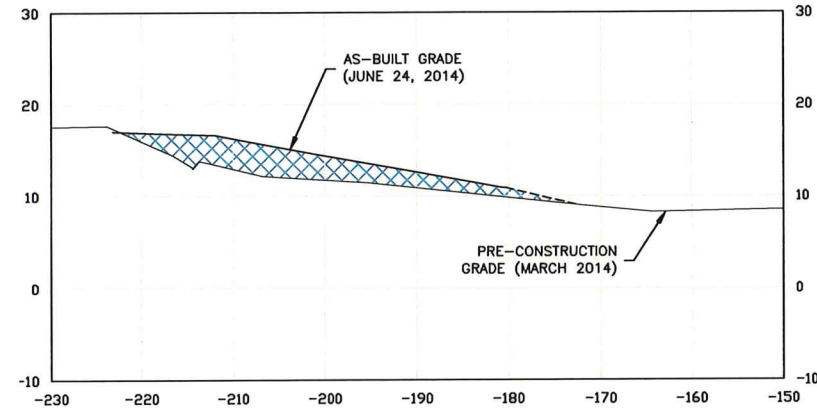
AS-BUILT SECTION  
(STA 24+50)



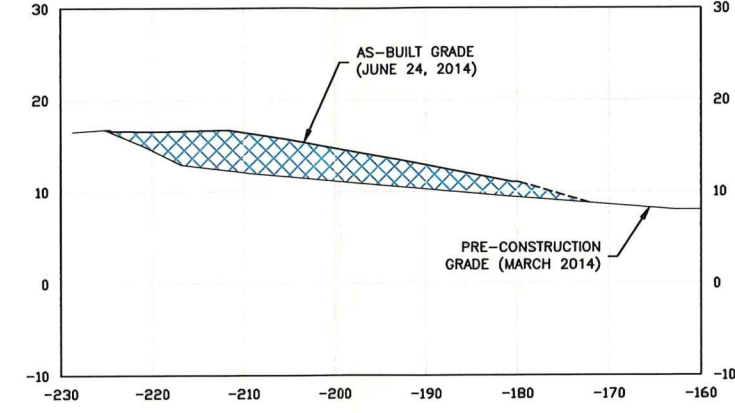
AS-BUILT SECTION  
(STA 25+50)



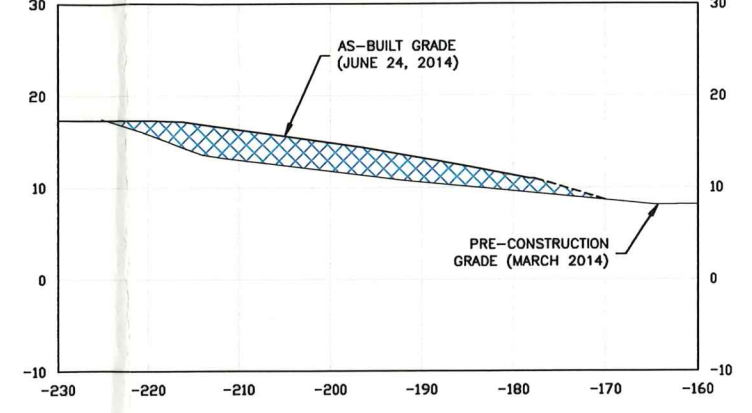
AS-BUILT SECTION  
(STA 26+50)



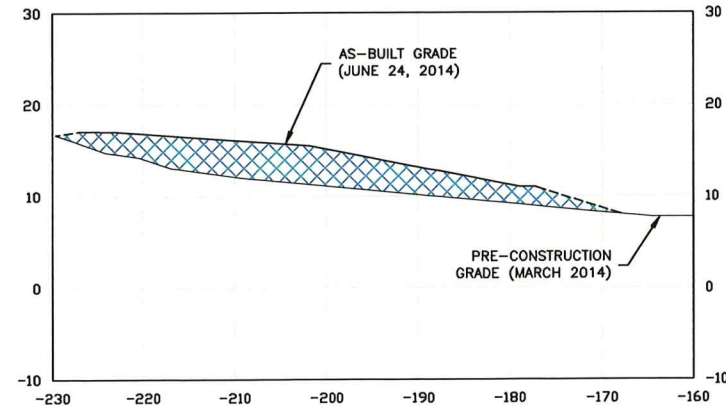
AS-BUILT SECTION  
(STA 27+50)



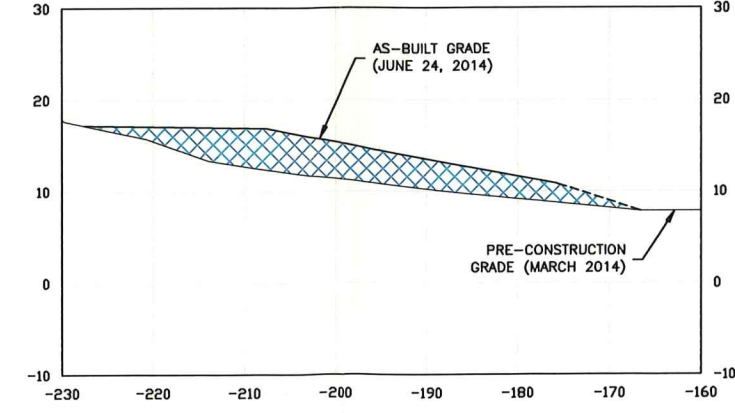
AS-BUILT SECTION  
(STA 28+50)



AS-BUILT SECTION  
(STA 29+50)



AS-BUILT SECTION  
(STA 30+50)



AS-BUILT SECTION  
(STA 31+50)



UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

SALISBURY BEACH STATE RESERVATION  
SAND HARVEST AND DUNE NOURISHMENT  
CONTRACT NO. 914-2910-D1A

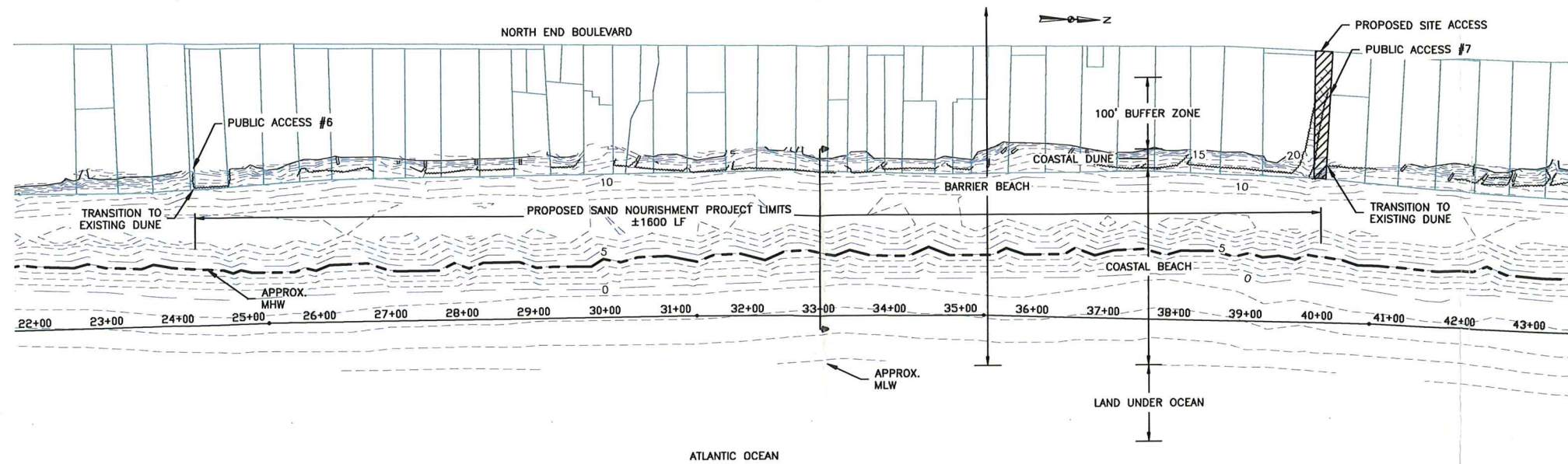
**SALISBURY BEACH AS-BUILT SECTIONS  
ACCESS #6 TO #7 NOURISHMENT**

PREPARED BY: <b>GZA</b> GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114
--	---

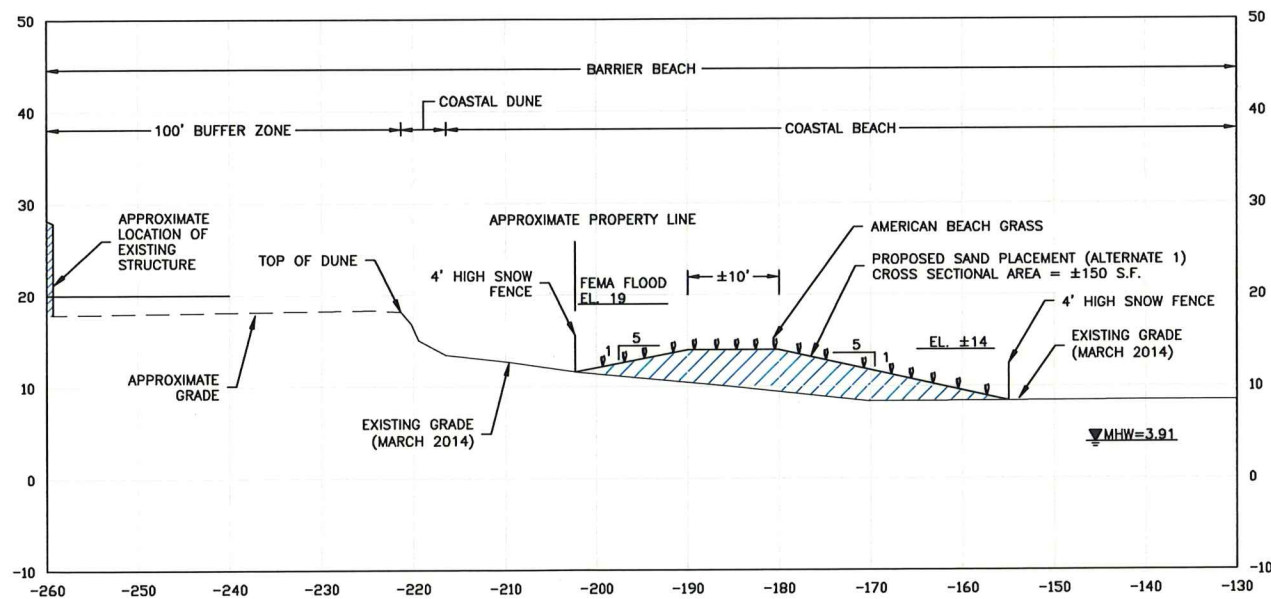
PROJ MGR: DAS	DESIGNED BY: DAS	DATE: JULY 2014	REVIEWED BY: ABB	DRAWN BY: JJZ	PROJECT NO.: 18.0171917.00	CHECKED BY: DAS	SCALE: AS SHOWN	REVISION NO.:	FIGURE <b>2</b>
---------------	------------------	-----------------	------------------	---------------	----------------------------	-----------------	-----------------	---------------	--------------------

SHEET NO. 2 OF 3

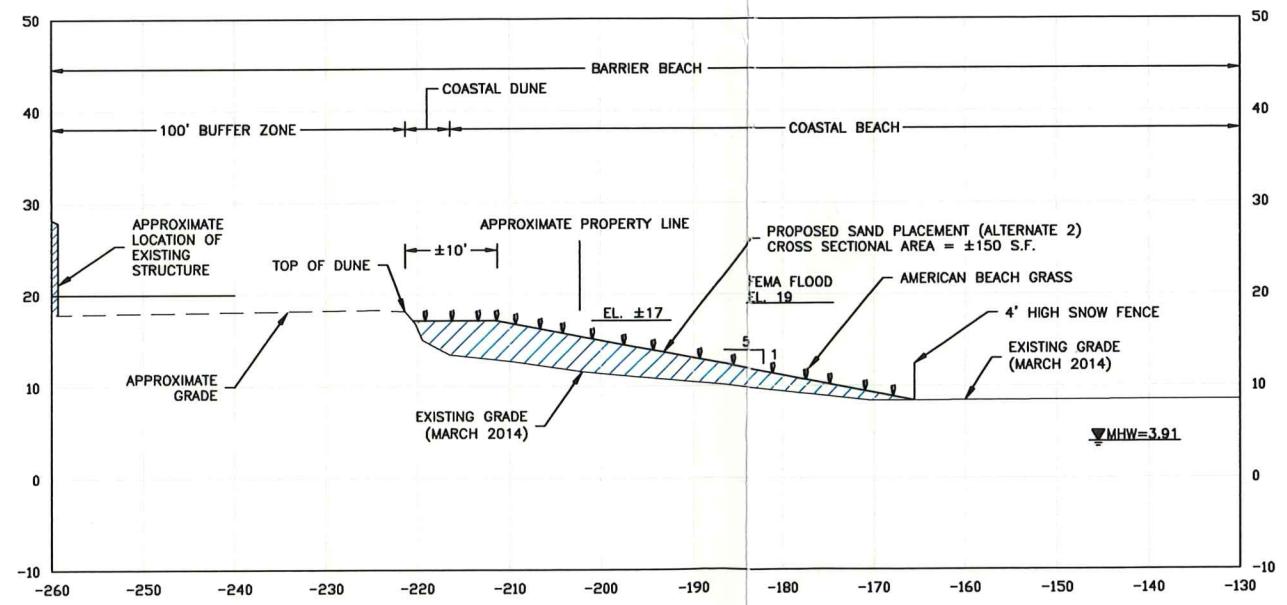
© 2014 - GZA - GeoEnvironmental, Inc. GZA-1719000-18.0171917.00 DCR Salisbury Beach Nourishment\Figures-CAD\Construction Drawings\Construction Drawings FOR NO (042414)-stamped.dwg [Sheet 1 - Access 6 to 7 (FOR NO)] April 24, 2014 - 8:56am jahuzell



SALISBURY BEACH: PROPOSED WORK PLAN (STA. 24+25 TO 40+10)  
SCALE: 1"=100'



SALISBURY BEACH SECTION: ALTERNATE 1 (STA. 33+00)  
SCALE: 1"=10'



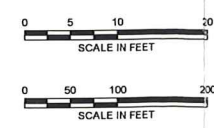
SALISBURY BEACH SECTION: ALTERNATE 2 (STA. 33+00)  
SCALE: 1"=10'

**NOTES:**

- DATUM: NAVD88=0.0, MLLW=-4.39, MLW=-4.09, MHW=3.91, FEMA 100-YEAR FLOOD ZONE VE EL. 19.0.
- SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 5 THRU MARCH 7, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
- PROPERTY LINES ARE APPROXIMATE AND WERE OBTAINED FROM MASSACHUSETTS OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS).
- AERIAL IMAGE LOCATION IS APPROXIMATE AND WAS OBTAINED FROM MASSGIS AND GEOREFERENCED INTO THE SURVEY DRAWING.

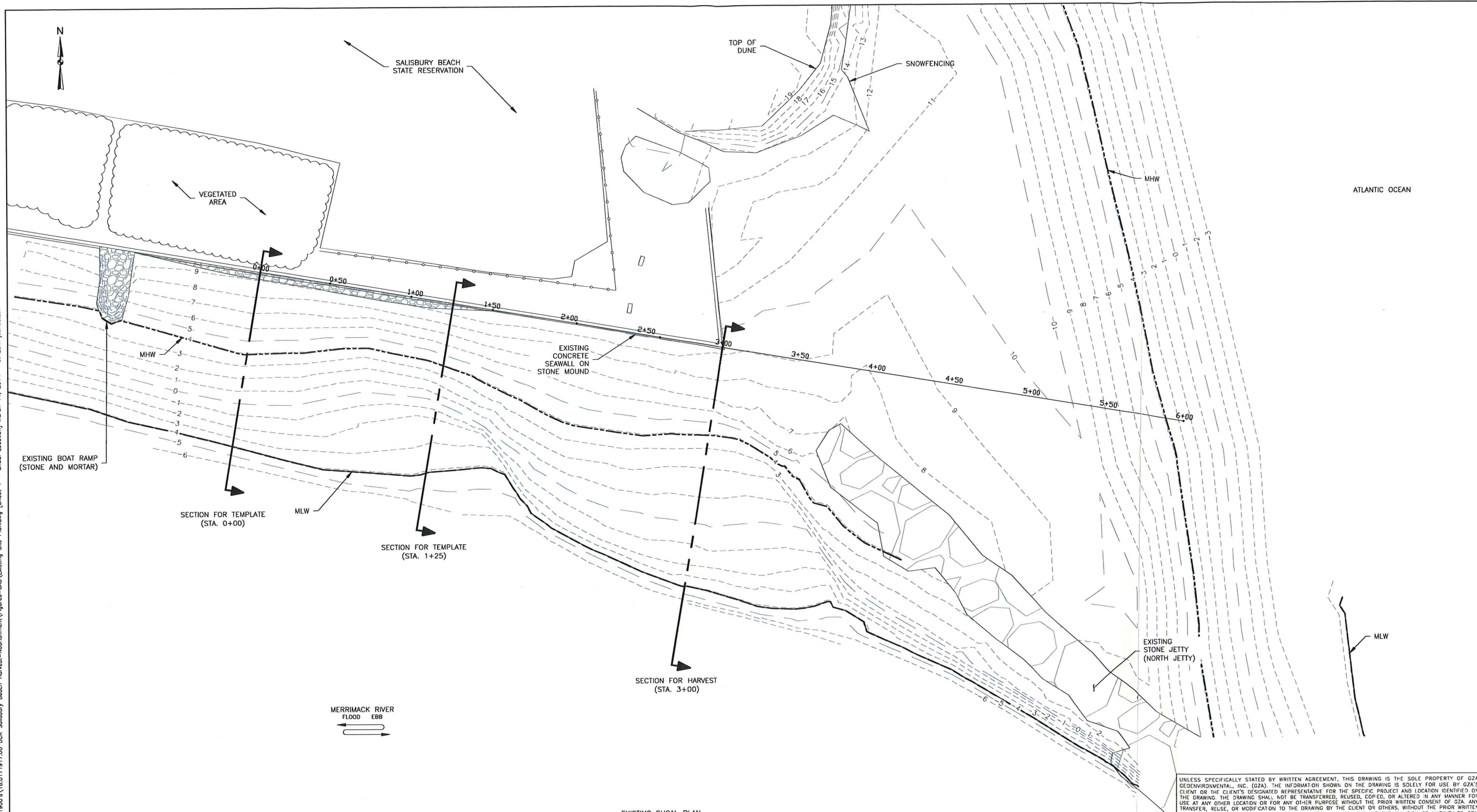
**LEGEND:**

- MEAN HIGH WATER (MHW)
- MEAN LOW WATER (MLW)
- MINOR CONTOUR
- MAJOR CONTOUR
- SNOW FENCE
- STAIR ACCESS
- TOP OF DUNE
- PROPERTY LINE (APPROXIMATE)
- PROPOSED AMERICAN BEACH GRASS
- PROPOSED SNOW FENCE



4/23/14		ISSUED FOR PERMITTING	
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE, WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.			
SALISBURY BEACH STATE RESERVATION SAND NOURISHMENT PROJECT			
<b>SALISBURY BEACH PROPOSED WORK PUBLIC ACCESS NO. 6 TO NO. 7</b>			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114	DESIGNED BY: DAS	REVIEWED BY: ABB
DATE: APRIL 2014	PROJECT NO: 18.0171917.00	CHECKED BY: DAS	SCALE: AS SHOWN
REVISION NO.			FIGURE <b>1</b>
SHEET NO. 1 OF 1			

© 2014 - GZA GeoEnvironmental, Inc. GZA-17191700 DCR Salisbury Beach Harvest-Nourishment\Figures-CAO\Existing Site Plan.dwg [Sheet 1 - Shoal Location] March 14, 2014 - 9:42am jphua.zai



EXISTING SHOAL PLAN  
SCALE: 1"=10'

- NOTES:**
- DATUM: NAVD88=0.0, MLLW=-4.39, MLW=-4.09, MHW=3.91
  - SITE BENCH MARK: T.B.M. RAMP (2009) - DRILL HOLE IN GRANITE CURB AT SALISBURY BOAT RAMP SET BY U.S. ARMY CORPS OF ENGINEERS: NEW ENGLAND DIVISION, EL. 9.73 NAVD88.
  - SHOAL AREA SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 5, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
  - BEACH SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 5 THRU 7, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
  - CONTOURS SHOWN HAVE BEEN GENERATED FROM RAW DATA. NO SMOOTHING OF CONTOURS WAS PERFORMED.

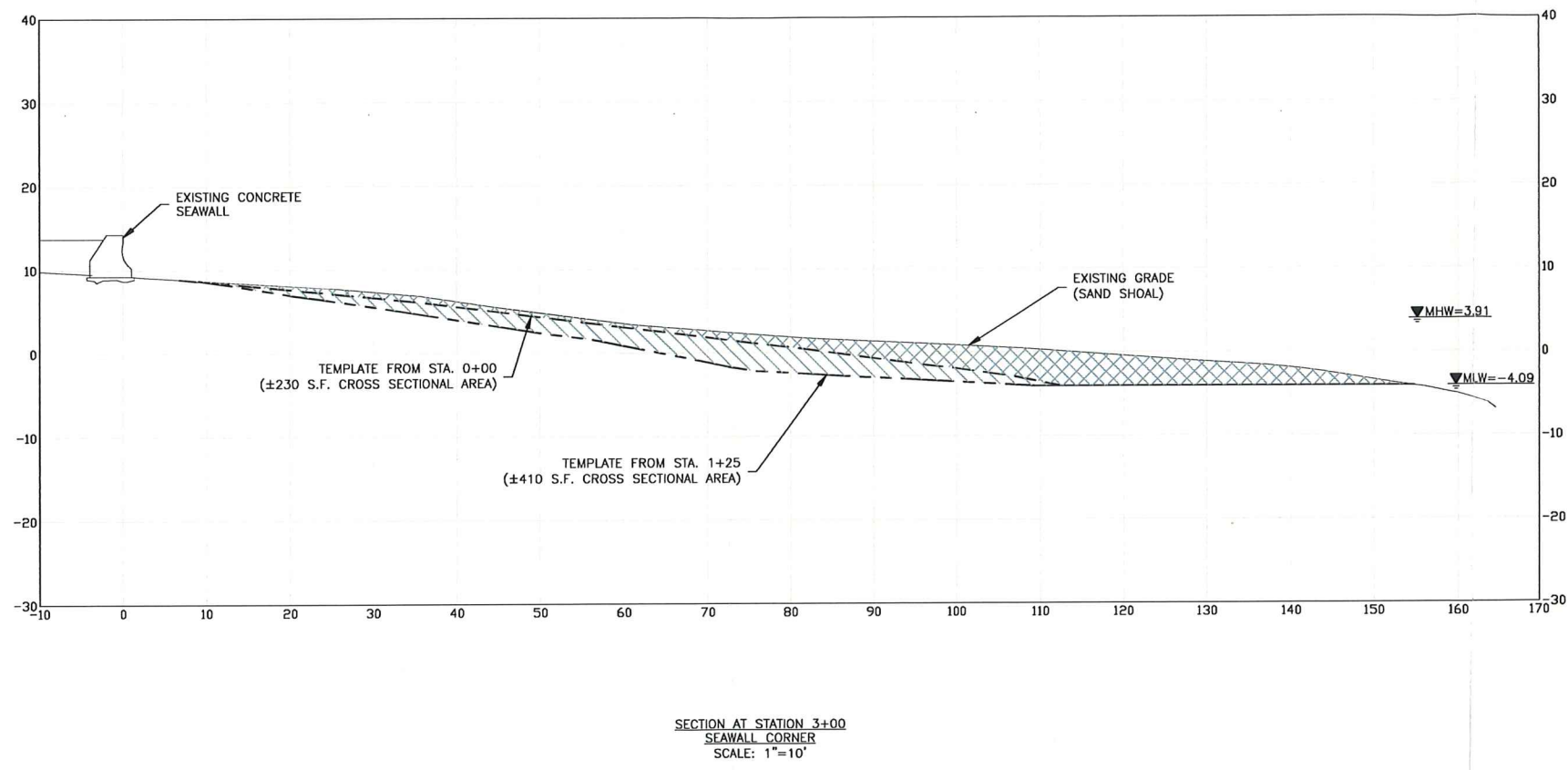
**DRAFT**



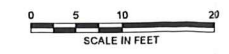
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE, WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

<b>SALISBURY BEACH STATE RESERVATION SAND HARVEST AND DUNE NOURISHMENT CONTRACT NO. 914-2910-D1A</b>			
<b>EXISTING SITE PLAN SAND SHOAL AREA</b>			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114		
PROJ MGR: DAS DESIGNED BY: DAS DATE: MARCH 2014	REVIEWED BY: ABB DRAWN BY: JJZ PROJECT NO.: 18.0171917.00	CHECKED BY: DAS SCALE: AS SHOWN REVISION NO.	FIGURE <b>1</b> SHEET NO. 1 OF

© 2014 - GZA GeoEnvironmental, Inc. GZA-171900's\18.0171917.00 DCF Salisbury Beach Harvest-Nourishment\Figures-CAO\Existing Site Plan.dwg [Sheet 2 - Shoal Section] March 14, 2014 - 9:44am pathuazoli



**DRAFT**



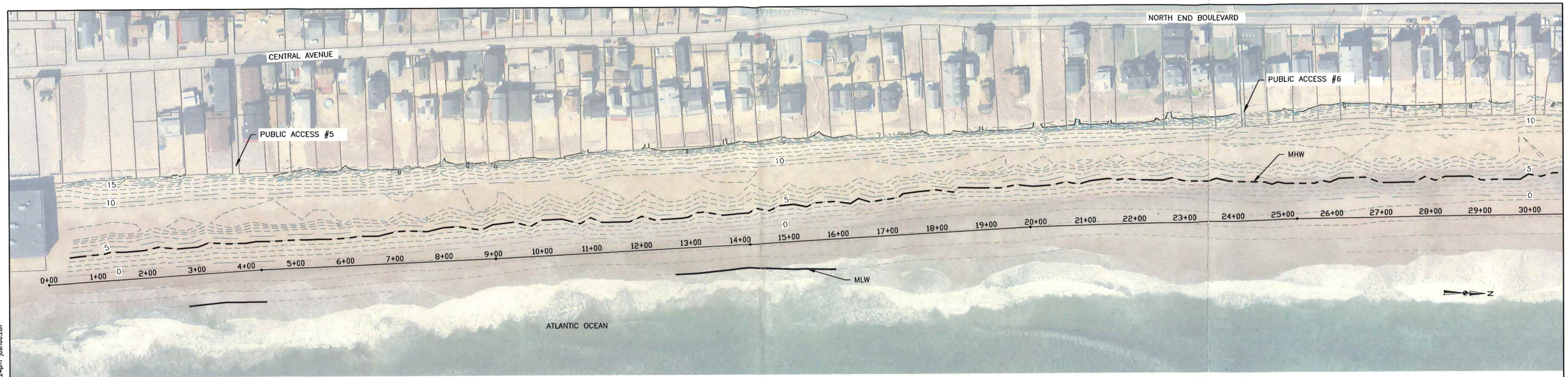
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

**SALISBURY BEACH STATE RESERVATION  
SAND HARVEST AND DUNE NOURISHMENT  
CONTRACT NO. 914-2910-D1A**

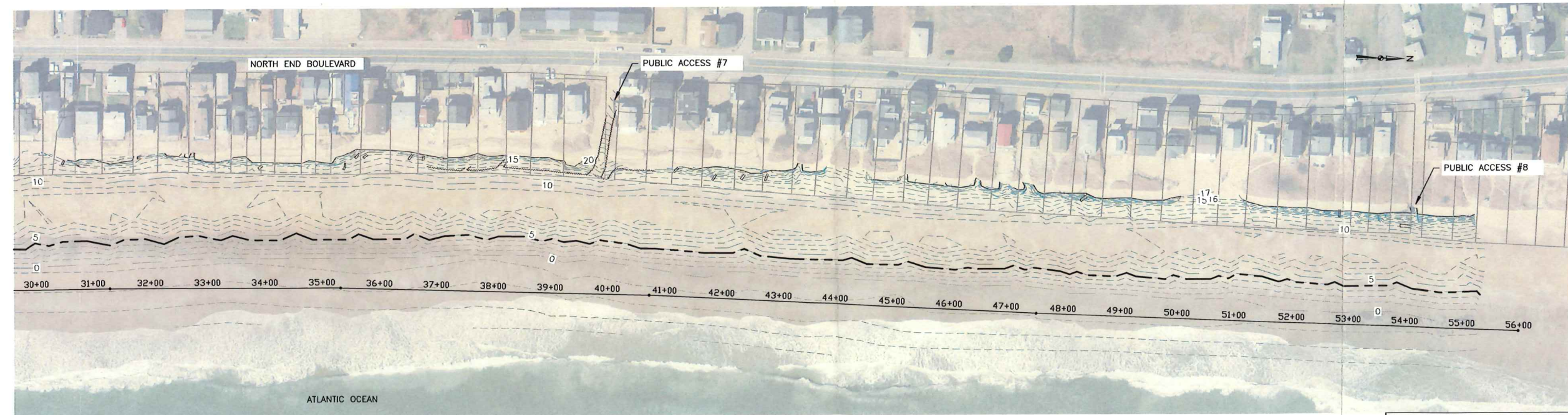
**CROSS SECTION  
SAND SHOAL AREA**

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114	
PROJ MGR: DAS DESIGNED BY: DAS DATE: MARCH 2014	REVIEWED BY: ABB DRAWN BY: JJZ PROJECT NO: 18.0171917.00	CHECKED BY: DAS SCALE: AS SHOWN REVISION NO.	FIGURE <b>2</b> SHEET NO. 2 OF

© 2014 - GZA GeoEnvironmental, Inc. GZA-I-171900-18.0171917.00 DCR Salisbury Beach Harvest-Nourishment-Figures-CAD Existing Site Plan.dwg [Sheet 3 - Access 5 to 8] March 14, 2014 - 12:24pm pahuazoll



SALISBURY BEACH (STA. 0+00 TO 30+00)  
SCALE: 1"=100'



SALISBURY BEACH (STA. 30+00 TO 56+00)  
SCALE: 1"=100'

DRAFT

- NOTES:**
1. DATUM: NAVD88=0.0, MLLW=-4.39, MLW=-4.09, MHW=3.91.
  2. SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 5 THRU MARCH 7, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY. PROPERTY LINES ARE APPROXIMATE AND WERE OBTAINED FROM MASSACHUSETTS OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS).
  3. AERIAL IMAGE LOCATION IS APPROXIMATE AND WAS OBTAINED FROM MASSGIS.
  4. SEE SHEETS 4 AND 5 FOR LARGER SCALE PLANS.

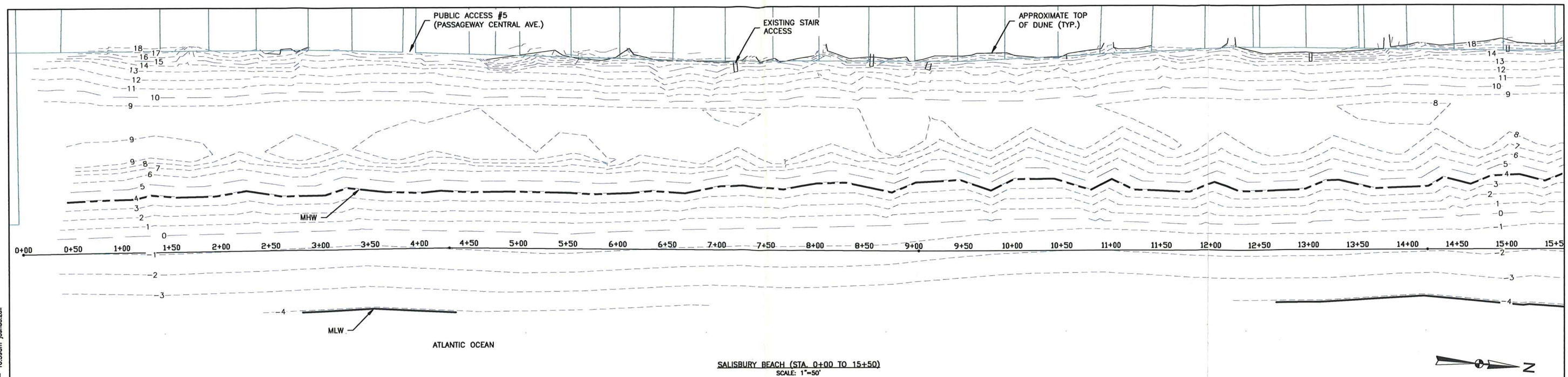
- LEGEND:**
- MEAN HIGH WATER (MHW)
  - MEAN LOW WATER (MLW)
  - - - - - 2 - - - - - MINOR CONTOUR
  - - - - - 10 - - - - - MAJOR CONTOUR
  - ~~~~~ SNOW FENCE
  - ▭ STAIR ACCESS
  - ▭ TOP OF DUNE
  - ▭ PROPERTY LINE (APPROXIMATE)



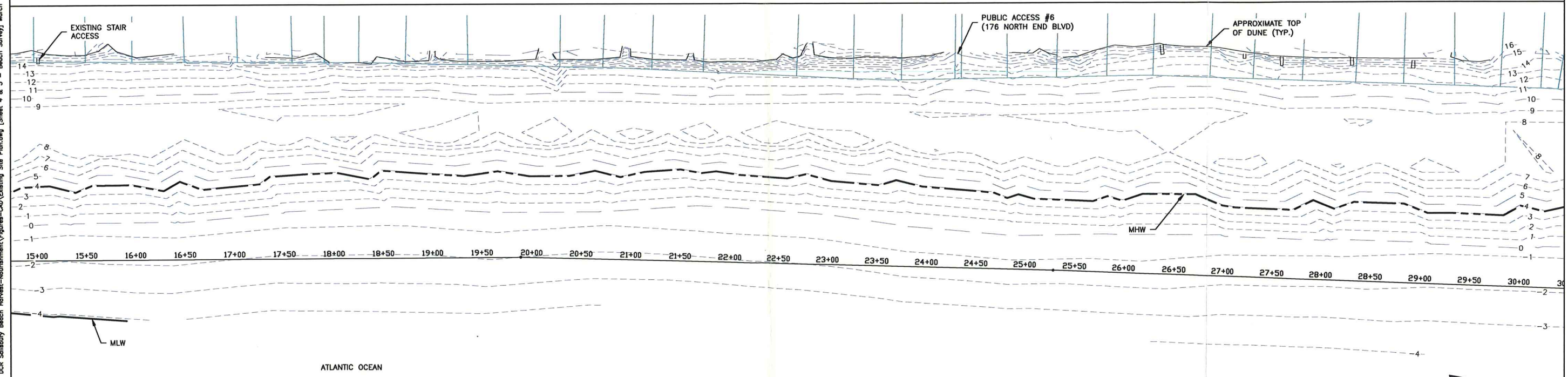
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

<b>SALISBURY BEACH STATE RESERVATION SAND HARVEST AND DUNE NOURISHMENT CONTRACT NO. 914-2910-D1A</b>			
<b>SALISBURY BEACH PLAN PUBLIC ACCESS NO. 5 TO NO. 8</b>			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114	PROJ MGR: DAS DESIGNED BY: DAS DATE: MARCH 2014	REVIEWED BY: ABB DRAWN BY: JJZ PROJECT NO. 18.0171917.00
CHECKED BY: DAS SCALE: AS SHOWN REVISION NO.	FIGURE <b>3</b> SHEET NO. 3 OF		

© 2014 - GZA GeoEnvironmental, Inc. GZA-18.0171917.00 DCR Salisbury Beach Harvest-Nourishment-Figures-CAD/Existing Site Plan.dwg [Sheet 4 & 5 - Beach Survey] March 14, 2014 - 10:39am jehua.zoll



SALISBURY BEACH (STA. 0+00 TO 15+50)  
SCALE: 1"=50'

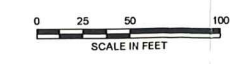


SALISBURY BEACH (STA. 15+50 TO 30+00)  
SCALE: 1"=50'

- LEGEND:**
- MEAN HIGH WATER (MHW)
  - MEAN LOW WATER (MLW)
  - 2 --- MINOR CONTOUR
  - 10 --- MAJOR CONTOUR
  - ~~~~~ SNOW FENCE
  - ▭ STAIR ACCESS
  - ▭ TOP OF DUNE
  - ▭ PROPERTY LINE (APPROXIMATE)

- NOTES:**
1. DATUM: NAVD88=0.0, MLLW=-4.39, MLW=-4.09, MHW=3.91.
  2. SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 5 THRU MARCH 7, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
  3. PROPERTY LINES ARE APPROXIMATE AND WERE OBTAINED FROM MASSACHUSETTS OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS).
  4. SEE SHEETS 6 THRU 8 FOR SECTIONS.

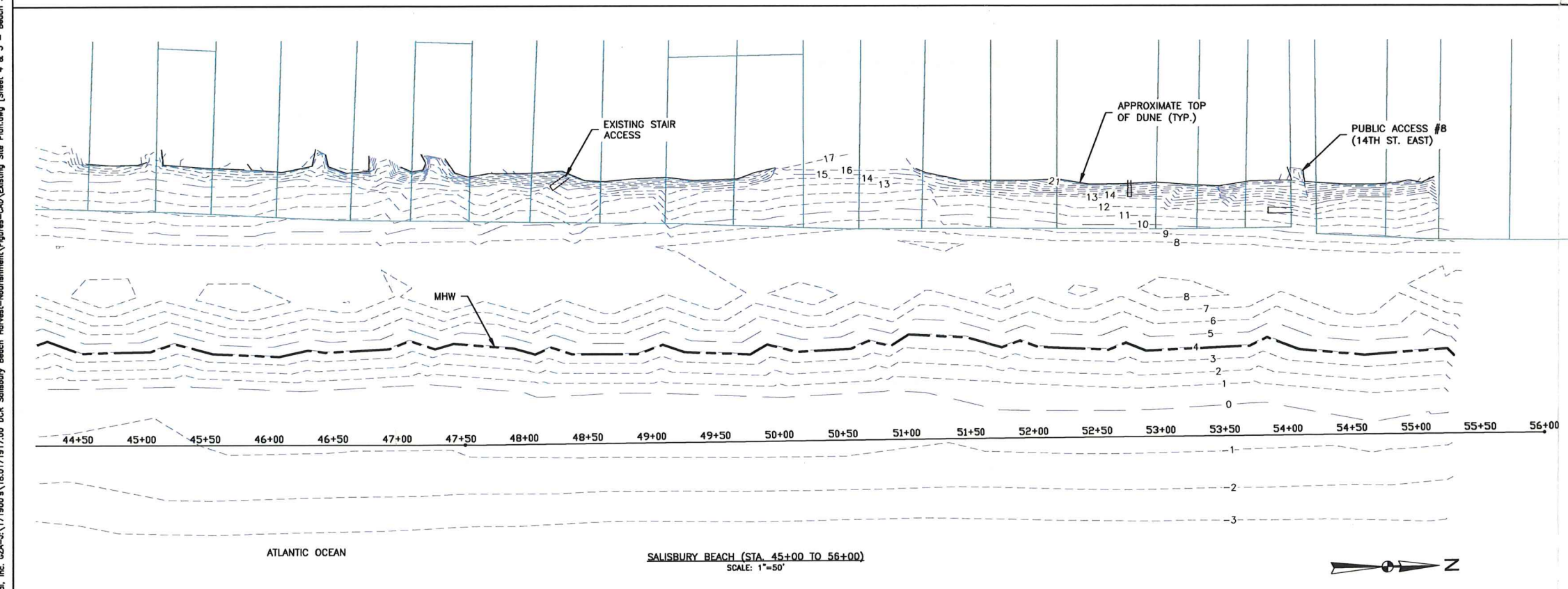
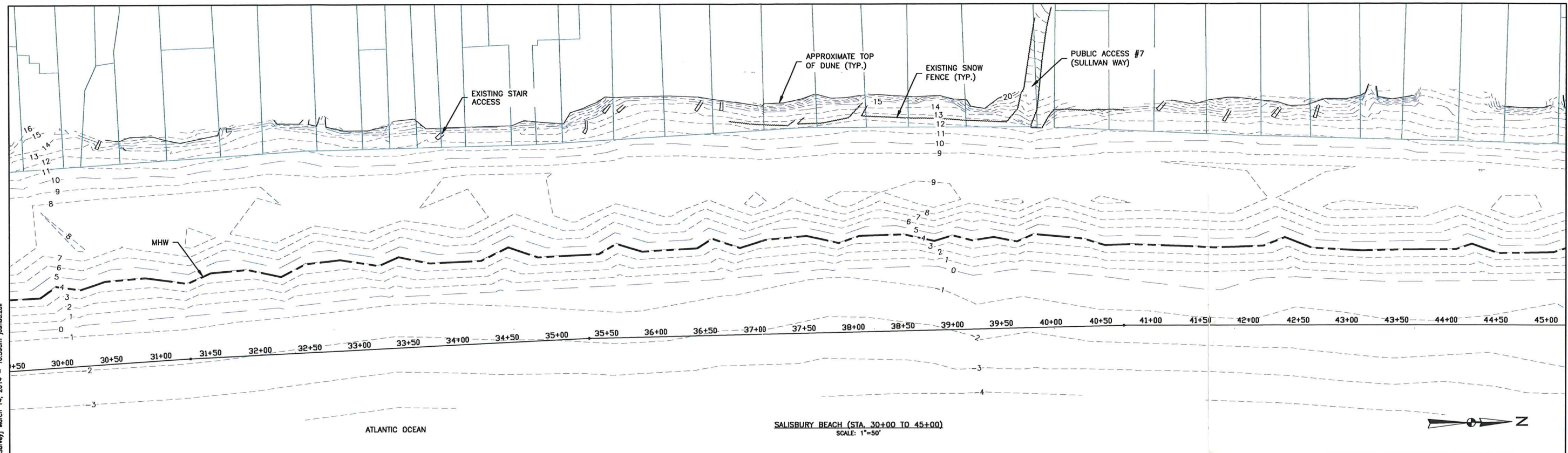
**DRAFT**



UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE, WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

<b>SALISBURY BEACH STATE RESERVATION SAND HARVEST AND DUNE NOURISHMENT CONTRACT NO. 914-2910-D1A</b>			
<b>SALISBURY BEACH PLAN STA. 0+00 TO 30+00</b>			
PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR:	MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114
PROJ MGR: DAS	DESIGNED BY: DAS	REVIEWED BY: ABB	CHECKED BY: DAS
DATE: MARCH 2014	DRAWN BY: JJZ	PROJECT NO: 18.0171917.00	SCALE: AS SHOWN
			FIGURE <b>4</b> SHEET NO. 4 OF

© 2014 - GZA GeoEnvironmental, Inc. GZA-18.0171917.00 DCR Salisbury Beach Harvest-Nourishment-Figures-CAD\Existing Site Plan.dwg [Sheet 4 & 5 - Beach Survey] March 14, 2014 - 10:39am jehua.zoll



**LEGEND:**

-----	MEAN HIGH WATER (MHW)
_____	MEAN LOW WATER (MLW)
--- 2 ---	MINOR CONTOUR
--- 10 ---	MAJOR CONTOUR
~~~~~	SNOW FENCE
▭	STAIR ACCESS
—	TOP OF DUNE
—	PROPERTY LINE (APPROXIMATE)

- NOTES:**
- DATUM: NAVD88=0.0, MLLW=-4.39, MLW=-4.09, MHW=3.91.
  - SURVEY PERFORMED BY GZA GEOENVIRONMENTAL, INC. ON MARCH 5 THRU MARCH 7, 2014 AND REPRESENTS CONDITIONS AT THE TIME OF THE SURVEY.
  - PROPERTY LINES ARE APPROXIMATE AND WERE OBTAINED FROM MASSACHUSETTS OFFICE OF GEOGRAPHIC INFORMATION (MASSGIS).
  - SEE SHEETS 6 THRU 8 FOR SECTIONS.

**DRAFT**



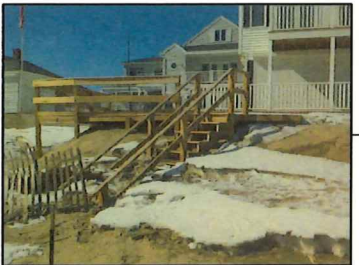
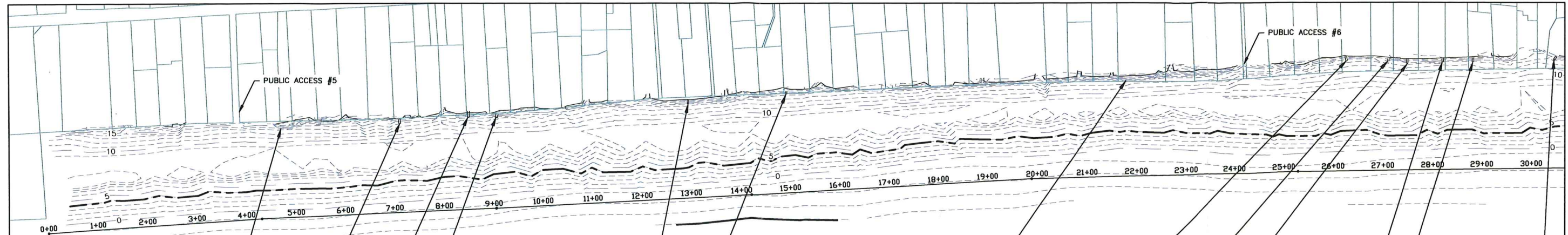
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE, WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

**SALISBURY BEACH STATE RESERVATION  
SAND HARVEST AND DUNE NOURISHMENT  
CONTRACT NO. 914-2910-D1A**

**SALISBURY BEACH PLAN  
STA. 30+00 TO 56+00**

PREPARED BY: <b>GZA GeoEnvironmental, Inc.</b> Engineers and Scientists www.gza.com		PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114	
PROJ MGR: DAS	DESIGNED BY: DAS	REVIEWED BY: ABB	CHECKED BY: DAS
DATE: MARCH 2014	DRAWN BY: JJZ	PROJECT NO.: 18.0171917.00	SCALE: AS SHOWN
REVISION NO.			FIGURE <b>5</b>
			SHEET NO. 5 OF

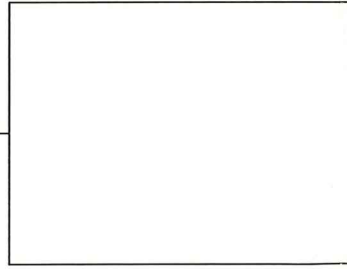
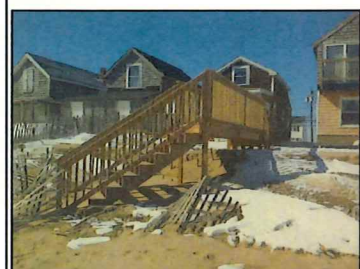
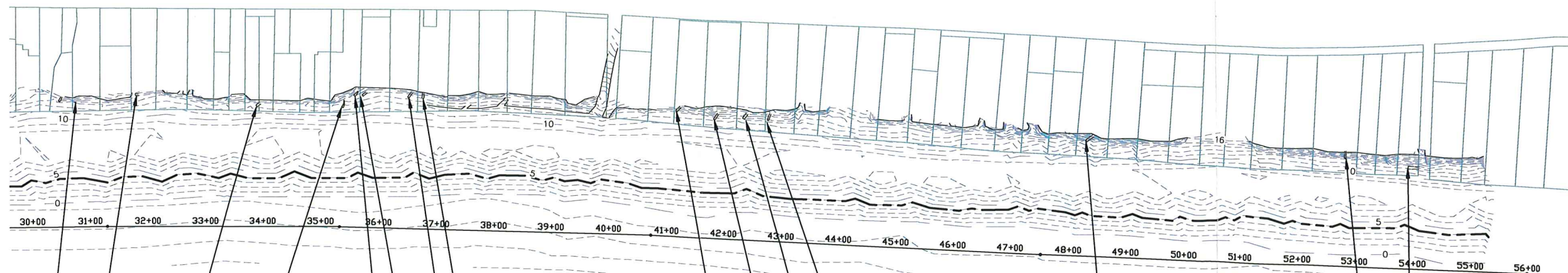
© 2014 - GZA GeoEnvironmental, Inc. GZA-I-171900-18.0171917.00 DCR Salisbury Beach Harvest-Nourishment\Figures-CAD\Existing Site Plan.dwg [Stair Access Plan] March 13, 2014 - 3:05pm jahua.zoi



UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOTECHNICAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

<b>SALISBURY BEACH ACCESS POINTS</b>			
<b>PRIVATE ACCESS WAYS</b>			
PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	PREPARED FOR:	MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114
PROJ MGR: DAS	REVIEWED BY: ABB	CHECKED BY: DAS	FIGURE
DESIGNED BY: DAS	DRAWN BY: JJZ	SCALE: AS SHOWN	1
DATE: MARCH 2014	PROJECT NO: 18.0171917.00	REVISION NO.	
			SHEET NO. 1 OF 2

© 2014 - GZA GeoEnvironmental, Inc. GZA-J-171900's 18.0171917.00 DCR Salisbury Beach Harvest-Nourishment\Figures-CA0\Existing Site Plan.dwg [Stair Access Plan] March 13, 2014 - 4:12pm jahua.zell



UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

**SALISBURY BEACH ACCESS POINTS**

**PRIVATE ACCESS WAYS**

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: MA DCR 251 CAUSEWAY STREET, SUITE 600 BOSTON, MA 02114	
PROJ MGR: DAS DESIGNED BY: DAS DATE: MARCH 2014	REVIEWED BY: ABB DRAWN BY: JJZ PROJECT NO.: 18.0171917.00	CHECKED BY: DAS SCALE: AS SHOWN REVISION NO.	FIGURE <b>2</b> SHEET NO. 2 OF 2