

The Emerald Tutu Inc  
[emerald.tutu@gmail.com](mailto:emerald.tutu@gmail.com)  
<http://emerald-tutu.com>

Aug 17, 2022

Mr. Nicholas Moreno  
Conservation Agent  
City of Boston Environment Department  
1 City Hall Square, Rm. 709  
Boston, MA 02201

Re: Request for Determination of Applicability at Hess Site

Dear Members of the Commission:

The Emerald Tutu, Inc is hereby enclosing two (2) copies of a Request for Determination of Applicability and one (1) digital copy has been emailed to [nicholas.moreno@boston.gov](mailto:nicholas.moreno@boston.gov) to fulfill the requirements of the Massachusetts Wetlands Protection Act, M.G.L. Chapter 131, Section 40 submittal requirements and the City of Boston submittal requirements. We respectfully request that the Commission issue a Negative Determination of Applicability for the proposed floating garden prototype installation adjacent to 146-172 Condor Street (known as the "Hess Site") within Chelsea Creek.

We are a scientific research group, and our objective at the Hess Site is to test native plant behavior (Marsh Grass, also known as *Spartina alterniflora*, and other emergent aquatic vegetation) on floating soft garden units for coastal storm protection and water quality and ecosystem benefits.

As part of the filing, we have attached the following:  
Appendix A: Project Description  
Appendix B: Project Maps and Specifications

If you have any questions regarding this submittal, please contact me at (774) 327 1248 or by email, indicated above.

Sincerely,



Gabriel Ciria  
Project Leader, The Emerald Tutu

## Appendix A: PROJECT DESCRIPTION

### **Background**

The Emerald Tutu, Inc is a research group focusing on modular living plant-based floating infrastructure for coastal storm protection and water quality and ecosystem benefits. This proposed project will outfit the water sheet at the Hess Site, located at 146-172 Condor St, East Boston MA 02128, as a test site for floating plant experiments. Our research group has been creating and testing prototypes since we were awarded NSF funding in 2020, which has resulted in extensive hydrodynamic wave lab research and the publication of a peer-reviewed scientific paper in *Frontiers in the Built Environment*. The proposed project will allow us to study plant health and plant root structure engagement with human-made material engineering.

### **Existing Conditions**

The Hess Site watershed is separated from upland areas by a sheet pile retaining wall. Four breasting dolphins are located approximately 70 feet seaward of the retaining wall, which are spaced at intervals of approximately 75 feet. An existing gangway links the two center dolphins to the retaining wall. All existing site construction is of 14" steel I-beam structure and heavy welded steel construction.

Chelsea Creek and adjacent parcels, including the Hess Site, have high concentrations of contaminants from historic and current uses including oil and gas facilities, industrial chemicals, jet fuel, whale oil rendering, road salt transfer, and industrial debris, as well as pollution from vessel discharges.

The Hess Site is owned by the Boston Planning & Development Agency but is administered and developed by the East Boston Community Development Corp under a 75-year lease.

### **Scope of Work**

#### *Overview:*

The Emerald Tutu, Inc is proposing to install a floating garden frame and various floating garden prototypes (growing units) within the water sheet area of the Hess Site parcel. The floating frame is a single 50-foot diameter buoyant hoop constructed of HDPE pipe, a standard design in the aquaculture industry. The frame will provide an attachment structure for individual growing units planted with Marsh Grass (*Spartina alterniflora*) and other emergent native vegetation. The substrate within the growing units is a mix of wood fiber shards and coconut fiber, which are both standard materials for sediment control and other marine landscape products. Floating growing units will be affixed to the floating garden frame with marine-grade line.

#### *Installation, Maintenance and Removal:*

The floating garden frame, constructed of 6-inch diameter plastic pipe, will be assembled on shore. This process consists creating a loop of HDPE pipe, and affixing marine-grade rope (3/8" three-strand twisted polypropylene) around the segments to form an inner grid. All rope connections will be spliced for maximum strength. Assembly will be done by hand, and no heavy machinery will be required. The assembled frame, weighing 128 pounds, will then be slid into the water and tugged into place with the use of on-shore and kayak guidance.

The frame will be affixed to adjacent existing structures by four (4) lateral attachment points, two (2) of which will affix to the existing seawall, and two (2) of which will affix to the existing breasting dolphins. High-strength marine-grade rope (5/8" three-strand nylon) will be spliced to the frame and attached to the seawall with a standard steel shackle plate bolted to the seawall. Standard I-beam clamps will be used to attach the nylon rope to the breasting dolphins. These four lateral attachment points are the only affixment points to existing structure that will be used for the entire system. Each

individual growing unit will be attached directly to the inner grid of polypropylene rope and will therefore not require individual anchoring.

Once the floating frame is installed, individual growing units will be added and maintained as experimental research progresses. The growing units will be tethered with nylon line to the polypropylene line grid points using splice loop connections. The growing units will be monitored on a regular basis and measurements will be recorded on growth of planted vegetation and colonized vegetation. The growing units are intended to be self-sufficient with no necessary maintenance; however, occasional watering or planting service activities may occur if necessary. This will be conducted from a kayak. If necessary, the growing units can be removed by untying the splice loops.

The attachment points of the floating frame to the seawall and breasting dolphins will be checked regularly for chafing, rusting, or other loss of strength. Replacements will be made as necessary. All connection points of the frame itself will also be monitored regularly and adjustments will be made as necessary. In the case of critical structural failure, the frame can easily be detached from the affixment points and hauled out of the water.

#### *Timeline*

As described above, the construction and installation of the floating frame will require no equipment and will be performed by the Emerald Tutu team over the duration of one day. Our research goals are to observe progress of the growing units over multiple growing seasons, therefore, the floating frame shall be removed from the water sheet upon the conclusion of our plant research.

#### *Planting*

Each individual growing unit will be pre-planted with one or more of the following types of emergent vegetation. All examples are native to Massachusetts:

- *Spartina alterniflora* (smooth cordgrass) – both tall form and short form
- *Spartina patens* (saltmarsh hay)
- *Spartina cynosuroides* (salt reedgrass)
- *Juncus gerardi* (saltmarsh rush)
- *Distichlis spicata* (saltgrass)
- *Salicornia ambigua* (perennial glasswort)

### **Resource Area General Performance Standards**

#### **Land Under the Ocean**

*310 CMR 10.25(3): Improvement dredging for navigational purposes affecting land under the ocean shall be designed and carried out using the best available measures so as to minimize adverse effects on such interests caused by changes in:*

- a) *bottom topography which will result in increased flooding or erosion caused by an increase in the height or velocity of waves impacting the shore;*
- b) *sediment transport processes which will increase flood or erosion hazards by affecting the natural replenishment of beaches;*
- c) *water circulation which will result in an adverse change in flushing rate, temperature, or turbidity levels; or*
- d) *marine productivity which will result from the suspension or transport of pollutants, the smothering of bottom organisms, the accumulation of pollutants by organisms, or the destruction of marine fisheries habitat or wildlife habitat.*

**This performance standard is not applicable to the proposed project as it does not involve any improvement dredging for navigational purposes.**

*310 CMR 10.25(4): Maintenance dredging for navigational purposes affecting land under the ocean shall be designed and carried out using the best available measures so as to minimize adverse effects on such interests caused by changes in marine productivity which will result from the suspension or transport of pollutants, increases in turbidity, the smothering of bottom organisms, the accumulation of pollutants by organisms, or the destruction of marine fisheries habitat or wildlife habitat.*

**This performance standard is not applicable to the proposed project as it does not involve any maintenance dredging for navigational purposes.**

*310 CMR 10.25(5): Projects not included in 310 CMR 10.25(3) or (4) which affect nearshore areas of land under the ocean shall not cause adverse effects by altering the bottom topography so as to increase storm damage or erosion of coastal beaches, coastal banks, coastal dunes, or salt marshes.*

**This performance standard is not applicable to the proposed project as it does not affect nearshore areas of land under the ocean and does not alter bottom topography.**

*310 CMR 10.25(6) Projects not included in 310 CMR 10.25(3) which affect land under the ocean shall if water-dependent be designed and constructed, using best available measures, so as to minimize adverse effects, and if non-water-dependent, have no adverse effects, on marine fisheries habitat or wildlife habitat caused by:*

- a) *alterations in water circulation;*
- b) *destruction of eelgrass (*Zostera marina*) or widgeon grass (*Rupia maritima*) beds;*
- c) *alterations in the distribution of sediment grain size;*
- d) *changes in water quality, including, but not limited to, other than natural fluctuations in the level of dissolved oxygen, temperature or turbidity, or the addition of pollutants;*
- e) *alterations of shallow submerged lands with high densities of polychaetes, mollusks or macrophytic algae.*

**This performance standard is being met as the proposed project is water dependent but will be designed and constructed to minimize adverse effects on marine fisheries habitat and wildlife habitat caused by the list above:**

- a) **The addition of a floating frame and floating growing units will not impact water circulation as water can freely flow around and under the apparatus.**
- b) **The proposed project will not disturb any eelgrass (*Zostera marina*) or widgeon grass (*Rupia maritima*) beds as it will not alter the harbor floor directly and will not impact light penetration to the harbor floor, and there are no documented eelgrass or widgeon grass beds in Chelsea Creek.**
- c) **The addition of a floating frame and growing units will not alter the distribution of sediment grain size as it will not alter the harbor floor or water circulation.**
- d) **The proposed project will not adversely impact water quality. Throughout the installation and project duration, no materials subject to leach harmful compounds will be used. All materials are of marine-grade quality and the installation process does not involve the use of equipment or heavy machinery. The planted vegetation is native to Massachusetts and will not adversely impact water quality. The growing units may increase shading, and therefore decrease light penetration; however, measurements with a Sechi disc indicate the light penetration currently only reaches 7.5 feet at low tide, which is less than the water depth in the project area. Any alteration of light penetration from the floating growing units will only impact mobile organisms potentially existing in the middle of the water**

column. Due to the scale of this experimental project, there is no anticipated risk of altering water temperature, turbidity or dissolved oxygen concentration.

- e) There are no high densities of polychaetes, mollusks, or macrophytic algae in the proposed project area.

#### Designated Port Area

*310 CMR 10.26(3) Projects shall be designed and constructed, using best practical measures, so as to minimize adverse effects on marine fisheries caused by changes in:*

- a) *water circulation;*
- b) *water quality, including, but not limited to, other than natural fluctuations in the level of dissolved oxygen, temperature or turbidity, or the addition of pollutants*

**This performance standard is being met as the proposed project will be designed and constructed as to minimize adverse effects on marine fisheries caused by the list above:**

- a) **The addition of a floating frame and floating growing units will not impact water circulation as water can freely flow around and under the apparatus.**
- a) **The proposed project will not adversely impact water quality. Throughout the installation and project duration, no materials subject to leach harmful compounds will be used. All materials are of marine-grade quality and the installation process does not involve the use of equipment or heavy machinery. The planted vegetation is native to Massachusetts and will not adversely impact water quality. The growing units may increase shading, and therefore decrease light penetration; however, measurements with a Secchi disc indicate the light penetration currently only reaches 7.5 feet at low tide, which is less than the water depth in the project area. Any alteration of light penetration from the floating growing units will only impact organisms potentially existing in the middle of the water column. Due to the scale of this experimental project, there is no anticipated risk of altering water temperature, turbidity or dissolved oxygen concentration.**

#### Coastal Banks

*310 CMR 10.30(3) No new bulkhead, revetment, seawall, groin or other coastal engineering structure shall be permitted on such a coastal bank except that such a coastal engineering structure shall be permitted when required to prevent storm damage to buildings constructed prior to the effective date of 310 CMR 10.21 through 10.37 or constructed pursuant to a Notice of Intent filed prior to the effective date of 310 CMR 10.21 through 10.37 (August 10, 1978), including reconstructions of such buildings subsequent to the effective date of 310 CMR 10.21 through 10.37, provided that the following requirements are met:*

- a) *a coastal engineering structure or a modification thereto shall be designed and constructed so as to minimize, using best available measures, adverse effects on adjacent or nearby coastal beaches due to changes in wave action, and*
- b) *the applicant demonstrates that no method of protecting the building other than the proposed coastal engineering structure is feasible.*
- c) *protective planting designed to reduce erosion may be permitted.*

**This performance standard is not applicable to the proposed project as no new bulkhead, reventment, seawall, groin or other coastal engineering structure will be permitted.**

*310 CMR 10.30(4) Any project on a coastal bank or within 100 feet landward of the top of a coastal bank, other than a structure permitted by 310 CMR 10.30(3), shall not have an adverse effect due to wave action on the movement of sediment from the coastal bank to coastal beaches or land subject to tidal action.*

**This performance standard is being met as the proposed project will not alter the wave action experienced at the proposed site and will not have any impact on the movement of sediment. Additionally, the existence of a seawall along the coastal bank means that this site does not serve as a significant source of sediment – this will not be altered by the addition of a floating frame and growing units.**

*310 CMR 10.30(5) The Order of Conditions and the Certificate of Compliance for any new building within 100 feet landward of the top of a coastal bank permitted by the issuing authority under M.G.L. c. 131, § 40 shall contain the specific condition: 310 CMR 10.30(3), promulgated under M.G.L. c. 131, § 40, requires that no coastal engineering structure, such as a bulkhead, revetment, or seawall shall be permitted on an eroding bank at any time in the future to protect the project allowed by this Order of Conditions.*

**This performance standard is not applicable to the proposed project as no new building will be permitted within 100 feet landward of the top of a coastal bank.**

*310 CMR 10.30(6) Any project on such a coastal bank or within 100 feet landward of the top of such coastal bank shall have no adverse effects on the stability of the coastal bank.*

**This performance standard is being met as the proposed project will not have any adverse effects on the stability of the coastal bank. The attachment of two bolted steel plates to the existing seawall will not alter the ability of the seawall, and coastal bank, to provide storm damage prevention and flood control. The condition of the topmost section of the seawall shows signs of rust deterioration; however, the condition of the bottom section of the seawall, at and below the grade line, is substantially the same as its engineered original condition, and is stable. The steel plates will be bolted at the mean-water line where the seawall is structurally stable. The total force from the floating frame and growing units exerted on the seawall is insubstantial compared to the dead load force of retained earth it currently withstands.**

*310 CMR 10.30(7) Bulkheads, revetments, seawalls, groins or other coastal engineering structures may be permitted on such a coastal bank except when such bank is significant to storm damage prevention or flood control because it supplies sediment to coastal beaches, coastal dunes, and barrier beaches.*

**This performance standard is not applicable as no bulkhead, revetment, seawall, groin, or other coastal engineering structure will be permitted.**

*310 CMR 10.30(8) Notwithstanding the provisions of 310 CMR 10.30(3) through (7), no project may be permitted which will have any adverse effect on specified habitat sites of rare vertebrate or invertebrate species, as identified by procedures established under 310 CMR 10.37.*

**This performance standard is not applicable to the proposed project as the proposed site is not within any estimated habitat which is indicated on the most recent Estimated Habitat Map of State-listed Rare Wetlands Wildlife.**

### **Climate Change**

The majority of the land area of the project site is located within FEMA's 100-year flood elevation; however, recent work has raised the elevation of the perimeter berm to address this and provide a permanent flood barrier for the rest of the project site. The project proposed in this application will not alter the ability of this newly-constructed berm, or any onshore features, to provide flood protection. The site is also at risk of inundation from stormwater and will experience the same extreme heat and heat-island effect that will impact the city and region; however, the majority of the site currently consist

of vegetation and no critical facilities. As the work proposed in this application will take place *on* the water sheet, it will not be impacted by flooding, extreme rainfall, or extreme heat.

Additionally, this project supports and furthers the goals of the City of Boston's 2016-2022 Climate Ready Boston initiatives. We do not anticipate these test growing units to provide protection from coastal storm damage at this location, however, providing innovative solutions for coastal climate resiliency is the ultimate goal of the long-term research project.



# WPA Form 1- Request for Determination of Applicability

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

## A. General Information

**Important:**

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



1. Applicant:

Name _____		E-Mail Address _____	
Mailing Address _____			
City/Town _____		State _____	Zip Code _____
Phone Number _____		Fax Number (if applicable) _____	

2. Representative (if any):

Firm _____			
Contact Name _____		E-Mail Address _____	
Mailing Address _____			
City/Town _____		State _____	Zip Code _____
Phone Number _____		Fax Number (if applicable) _____	

## B. Determinations

1. I request the \_\_\_\_\_ make the following determination(s). Check any that apply:  
Conservation Commission

- a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

\_\_\_\_\_  
Name of Municipality

- e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).





# WPA Form 1- Request for Determination of Applicability

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

## C. Project Description

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

\_\_\_\_\_  
Street Address

\_\_\_\_\_  
City/Town

\_\_\_\_\_  
Assessors Map/Plat Number

\_\_\_\_\_  
Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

\_\_\_\_\_

- c. Plan and/or Map Reference(s):

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):



## WPA Form 1- Request for Determination of Applicability

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

### C. Project Description (cont.)

- b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).
3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.
- Single family house on a lot recorded on or before 8/1/96
  - Single family house on a lot recorded after 8/1/96
  - Expansion of an existing structure on a lot recorded after 8/1/96
  - Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
  - New agriculture or aquaculture project
  - Public project where funds were appropriated prior to 8/7/96
  - Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
  - Residential subdivision; institutional, industrial, or commercial project
  - Municipal project
  - District, county, state, or federal government project
  - Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.
- b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



## WPA Form 1- Request for Determination of Applicability

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

### D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
City/Town

\_\_\_\_\_  
State

\_\_\_\_\_  
Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

  
\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Representative (if any)

\_\_\_\_\_  
Date



Gabriel Cira &lt;blue.cira@gmail.com&gt;

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**RDA submission - Hess Site floating frame**

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**Salvatore Colombo** <scolombo@ebcdc.com>  
To: Gabriel Cira <blue.cira@gmail.com>

Thu, Aug 4, 2022 at 2:56 PM

Hi Gabriel,

Please accept this email as confirmation of your submission to the Boston Conservation Commission and our support of your proposed plans.

Thanks

Sal Colombo

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**From:** Gabriel Cira <blue.cira@gmail.com>  
**Sent:** Thursday, August 4, 2022 2:45 PM  
**To:** Salvatore Colombo <scolombo@ebcdc.com>  
**Subject:** RDA submission - Hess Site floating frame

Hi Sal,

Please see attached finalized RDA submission materials that we are planning to submit to the Boston Conservation Commission on Friday (Aug 5, 2022). We need your confirmation and permission for this submission to also be included in that submission. A confirmation reply to this email is sufficient. Thank you!

Best regards,

Gabriel Cira

**THE EMERALD TUTU**

[emerald-tutu.com](http://emerald-tutu.com)

**774 327 1248**

CONFIDENTIALITY NOTICE: This email message and any attachments are for the sole and confidential use of the intended recipient(s), and may contain private and privileged information. Any unauthorized review, use, disclosure or distribution is prohibited. If you are not an intended recipient, please contact the sender by reply email and promptly delete (and otherwise destroy) all copies of the message and its attachments.



**NOTIFICATION TO ABUTTERS  
BOSTON CONSERVATION COMMISSION**

In accordance with the Massachusetts Wetlands Protection Act, Massachusetts General Laws Chapter 131, Section 40, and the Boston Wetlands Ordinance, you are hereby notified as an abutter to a project filed with the Boston Conservation Commission.

A. \_\_\_\_\_ has filed a \_\_\_\_\_ with the Boston Conservation Commission seeking permission to alter an Area Subject to Protection under the Wetlands Protection Act (General Laws Chapter 131, section 40) and/or the Boston Wetlands Ordinance.

B. The address of the lot where the activity is proposed is \_\_\_\_\_.

C. The project involves \_\_\_\_\_.

D. Copies of the application may be obtained by contacting the Boston Conservation Commission at [CC@boston.gov](mailto:CC@boston.gov).

E. Copies of the application may be obtained from \_\_\_\_\_ by contacting them at \_\_\_\_\_ between the hours of \_\_\_\_\_, \_\_\_\_\_.

F. In accordance with the Chapter 107 of the Acts of 2022, the public hearing will take place **virtually** at <https://zoom.us/j/6864582044>. If you are unable to access the internet, you can call 1-929-205-6099, enter Meeting ID 686 458 2044 # and use # as your participant ID.

G. Information regarding the date and time of the public hearing may be obtained from the **Boston Conservation Commission** by emailing [CC@boston.gov](mailto:CC@boston.gov) or calling **(617) 635-3850** between the hours of **9 AM to 5 PM, Monday through Friday**.

NOTE: Notice of the public hearing, including its date, time, and place, will be published at least five (5) days in advance in the **Boston Herald**.

NOTE: Notice of the public hearing, including its date, time, and place, will be posted on [www.boston.gov/public-notice](http://www.boston.gov/public-notice) and in Boston City Hall not less than forty-eight (48) hours in advance. If you would like to provide comments, you may attend the public hearing or send written comments to [CC@boston.gov](mailto:CC@boston.gov) or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: If you would like to provide comments, you may attend the public hearing or send written comments to [CC@boston.gov](mailto:CC@boston.gov) or Boston City Hall, Environment Department, Room 709, 1 City Hall Square, Boston, MA 02201

NOTE: You also may contact the Boston Conservation Commission or the Department of Environmental Protection Northeast Regional Office for more information about this application or the Wetlands Protection Act. To contact DEP, call: the Northeast Region: (978) 694-3200.

NOTE: If you plan to attend the public hearing and are in need of interpretation, please notify staff at [CC@boston.gov](mailto:CC@boston.gov) by 12 PM the day before the hearing.



City of Boston  
Environment

## NOTIFICACIÓN PARA PROPIETARIOS Y/O VECINOS COLINDANTES COMISIÓN DE CONSERVACIÓN DE BOSTON

De conformidad con la Ley de protección de los humedales de Massachusetts, el Capítulo 131, Sección 40 de las Leyes Generales de Massachusetts y la Ordenanza sobre los humedales de Boston, por la presente queda usted notificado como propietario o vecino colindante de un proyecto presentado ante la Comisión de Conservación de Boston.

A. The Emerald Tutu ha presentado una solicitud a la Comisión de Conservación de Boston pidiendo permiso para modificar una zona sujeta a protección en virtud de la Ley de protección de los humedales (Leyes generales, capítulo 131, sección 40) y la Ordenanza sobre los humedales de Boston.

B. La dirección del lote donde se propone la actividad es 146-172 Condor Street, East Boston, MA 02128

C. El proyecto consiste en la instalación de un marco de jardín flotante con unidades de cultivo flotantes.

D. Se pueden obtener copias del Aviso de Intención comunicándose con la Comisión de Conservación de Boston en [CC@boston.gov](mailto:CC@boston.gov).

E. Las copias de la notificación de intención pueden obtenerse en The Emerald Tutu (774)327-1248 entre las 9:00 am y las 5:00 pm, de lunes a viernes.

F. De acuerdo con el Decreto Ejecutivo de la Mancomunidad de Massachusetts que suspende ciertas disposiciones de la Ley de reuniones abiertas, la audiencia pública se llevará a cabo virtualmente en <https://zoom.us/j/6864582044>. Si no puede acceder a Internet, puede llamar al 1-929-205-6099, ingresar ID de reunión 686 458 2044 # y usar # como su ID de participante.

G. La información relativa a la fecha y hora de la audiencia pública puede solicitarse a la **Comisión de Conservación de Boston** por correo electrónico a [CC@boston.gov](mailto:CC@boston.gov) o llamando al **(617) 635-4416** entre las **9:00 am y las 5:00 pm, de lunes a viernes**.

NOTA: La notificación de la audiencia pública, incluida su fecha, hora y lugar, se publicará en el **Boston Herald** con por menos cinco (5) días de antelación.

NOTA: La notificación de la audiencia pública, incluida su fecha, hora y lugar, se publicará en [www.boston.gov/public-notices](http://www.boston.gov/public-notices) y en el Ayuntamiento de Boston con no menos de cuarenta y ocho (48) horas de antelación. Si desea formular comentarios, puede asistir a la audiencia pública o enviarlos por escrito a [CC@boston.gov](mailto:CC@boston.gov) o al Ayuntamiento de Boston, Departamento de Medio Ambiente, Sala 709, 1 City Hall Square, Boston, MA 02201.

NOTA: También puede comunicarse con la Comisión de Conservación de Boston o con la Oficina Regional del Noreste del Departamento de Protección Ambiental para obtener más información sobre esta solicitud o la Ley de Protección de Humedales. Para comunicarse con el DEP, llame a la Región Noreste: (978) 694-3200.

**CITY of BOSTON**

1 CITY HALL SQUARE BOSTON, MA 02201-2021 | ROOM 709 | 617-635-3850 | [ENVIRONMENT@BOSTON.GOV](mailto:ENVIRONMENT@BOSTON.GOV)



City of Boston  
Mayor Martin J. Walsh

OBJECTID	PID	PID_LONG	GIS_ID	FULL_ADDRESS	CITY	ZIPCODE	OWNER	ADDRESSEE	MAIL_ADDRESS	MAIL_CS	STATE	MAIL_ZIPCODE	Shape_Area	Shape_Length
50614	103708010	103708010	103708010	146 172 CONDOR ST	EAST BOSTON		2128 BOSTON REDEVELOPMENT AUTHORITY	C/O BOSTON REDEVELOPMENT AUTHORITY	ONE CITY HALL SQ 9TH FL	BOSTON	MA	2201 356906.918945313	2507.14914249585	
125081	103359000	103359002	103359000	227 BROOKS ST 1	EAST BOSTON		2128 MOLLAY STREET LLC		227 BROOKS ST #1	EAST BOSTON	MA	2128 1499.07346849733	161.770675772901	
125089	103359000	103359004	103359000	227 BROOKS ST 2	EAST BOSTON		2128 PALOZEL EVERETT D		227 BROOKS ST #2	EAST BOSTON	MA	2128 1439.07246833813	161.770675772901	
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80483	103335000	103335000	103335000	134 FALCON ST	EAST BOSTON		2128 CUNHA LAURIE A	C/O LAURIE CUNHA	134 FALCON ST	E BOSTON	MA	2128 1530.65307617188	170.568023383536	
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34724	103403000	103403008	103403000	123 FALCON ST 4	EAST BOSTON		2128 BREWER COLLIN MICHAEL		123 FALCON ST, UNIT 4	EAST BOSTON	MA	2128 6867.91796875	331.971846814028	
127190	103394000	103394000	103394000	105 FALCON ST	EAST BOSTON		2128 DO THANH VAN		105 FALCON ST #2	EAST BOSTON	MA	2128 2444.25146849733	227.992531613243	
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159388	103400000	103400002	103400000	117 FALCON ST 1	EAST BOSTON		2128 FERRARO ANDREW J		117 FALCON ST # 1	EAST BOSTON	MA	2128 2360.62866210938	228.647032757517	
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97137	103704100	103704100	103704100	98 R 100R CONDOR ST	EAST BOSTON		2128 ALDEN STEARNS REALTY P	C/O HENRY S BABYBUTT	63 ATLANTIC AV #5-C	BOSTON	MA	2110 84703.0358886719	1379.41655733728	
43921	103371000	103371000	103371000	167 169 CONDOR ST	EAST BOSTON		2128 GAMBALÉ ANTHONY P ETAL		167 CONDOR	EAST BOSTON	MA	2128 2213.49877929688	226.248972624186	
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112231	103307000	103307000	103307000	146 FALCON ST	EAST BOSTON		2128 ARTEAGA ALVARO E		146 FALCON ST	EAST BOSTON	MA	2128 2199.66088867188	225.442695384168	
149852	103376000	103376000	103376000	135 A135 FALCON ST	EAST BOSTON		2128 OPEZ OKLAND		135 135A FALCON ST	EAST BOSTON	MA	2128 1842.556643025	227.76965807063	
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39284	103319000	103319000	103319000	211 CONDOR ST	EAST BOSTON		2128 211 CONDOR STREET LLC		5 GREEN PARK	NEWTON	MA	2458 6582.77905273438	325.464307786947	
85052	103396000	103396000	103396000	109 FALCON ST	EAST BOSTON		2128 BONILLO PEDRO		109 FALCON ST	EAST BOSTON	MA	2128 2349.66015625	228.21078626258	
170075	103374000	103374000	103374000	179 181 CONDOR ST	EAST BOSTON		2128 INTERIANO LUCIANO		179 CONDOR ST	EAST BOSTON	MA	2128 2221.54223632813	226.590416026723	
96748	103363000	103363000	103363000	125 CONDOR ST	EAST BOSTON		2128 CONCORD-HAIRE LLC		72 MARGINAL ST	EAST BOSTON	MA	2128 4577.38232421875	279.546806976001	
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77838	103710000	103710000	103710000	X CONDOR ST	EAST BOSTON		2128 ONE-92 X CONDOR LLC	C/O CATHERINE RICH-DUVAL	103 RIVER RD	TOPSFIELD	MA	1983 284238.385498047	2165.99707834831	
49689	103704000	103704000	103704000	98 100 CONDOR ST	EAST BOSTON		2128 CONDOR STREET INVESTMENT LLC		85-87 BOSTON ST	EVERETT	MA	2149 16127.337646844	522.7196436688584	
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7448	103354000	103354000	103354000	90 90 HF FALCON ST	EAST BOSTON		2128 VITALE JAY		90 FALCON ST	EAST BOSTON	MA	2128 2190.8837890625	225.2292423154392	
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57154	103354000	103354000	103354000	88 486 FALCON ST	EAST BOSTON		2128 FUENTES EDGAR		88 FALCON ST	EAST BOSTON	MA	2128 2172.78271484375	224.743511530432	
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172522	103390000	103390000	103390000	97 FALCON ST	EAST BOSTON		2128 MORALES PEDRO		97 FALCON	EAST BOSTON	MA	2128 2333.18286132813	227.550079462607	
7882	103304000	103304000	103304000	152 A152 FALCON ST	EAST BOSTON		2128 RUIJO DORIS V		12 EMMONS ST	EAST BOSTON	MA	2128 2195.61743164063	225.270019507369	
52465	103398000	103398000	103398000	FALCON ST	EAST BOSTON		2128 TAYS REALTY LLC		90 LANCASTER AVE	REVERE	MA	2151 2111.328125	222.840002448296	
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97145	103340000	103340000	103340000	124 FALCON ST	EAST BOSTON		2128 SHALOM PROPERTIES INC	C/O N O A H	143 BORDER ST	EAST BOSTON	MA	2128 2567.4599609375	234.580331282106	
162629	103345000	103345000	103345000	114 FALCON ST	EAST BOSTON		2128 114 FALCON GFM LLC		52 CHURCH ST	BOSTON	MA	2116 2644.62866210938	236.060291524303	
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158390	103400000	103400006	103400000	117 FALCON ST 3	EAST BOSTON		2128 BENCKS JARRET		117 FALCON ST # 3	EAST BOSTON	MA	2128 2360.62866210938	228.647032757517	
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29522	103705020	103705020	103705020	CONDOR ST	EAST BOSTON		2128 CITY OF BOSTON		45 GREEN RIVER WY	WATERTOWN	MA	2472 109595.32275391	1351.68247092842	
107359	103316000	103316000	103316000	197 CONDOR ST	EAST BOSTON		2128 VALERIA CONDOR LLC		599 NORTH AVE, UNIT #7 2ND FL	WAKEFIELD	MA	1801 2110.97875976563	223.333599772102	
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69253	103348000	103348000	103348000	104 FALCON ST	EAST BOSTON		2128 PAMASS S L	C/O HOWELL & MINICHELLO LLP	175 BEDFORD ST SUITE 5	LEXINGTON	MA	2420 2633.2802734375	235.634463798741	
153186	103315000	103315000	103315000	195 CONDOR ST	EAST BOSTON		2128 CIAMPA INVESTMENTS INC		42 JOEY RD	REVERE	MA	2151 1571.02587890625	175.320567904736	
125652	103397000	103397000	103397000	111 FALCON ST	EAST BOSTON		2128 CONTARDO ANTHONY		111 FALCON ST	EAST BOSTON	MA	2128 2352.45483398438	228.32074820057	
106551	103408000	103408000	103408000	133 A133 FALCON ST	EAST BOSTON		2128 DIPASQUALE FRANK		9 BREED ST	EAST BOSTON	MA	2128 1956.34936523438	205.663318299271	

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10626	103358000	103358000	103358000 225 BROOKS ST	EAST BOSTON	2128 DIECIDUE ANTHONY J ETAL	225 BROOKS	EAST BOSTON	MA	2128	1630.369140625	168.78715783282
34722	103403000	103403004	103403000 125 FALCON ST 2	EAST BOSTON	2128 WOLD MOGES H	125 FALCON ST	EAST BOSTON	MA	2128	6867.91796875	331.971846814028
102986	103334000	103334000	103334000 136 FALCON ST	EAST BOSTON	2128 HOSKER BRIAN J	2 NEPTUNE RD #222	BOSTON	MA	2128	1485.5532226525	169.98308689416
168702	103320000	103320000	103320000 213 CONDOR ST	EAST BOSTON	2128 213 CONDOR STREET	22 HERITAGE LANE	SAUGUS	MA	1906	2104.20556540625	223.05586100985
126529	103576000	103576000	103576000 101 CONDOR ST	EAST BOSTON	2128 101-105 CONDOR STREET LLC	97 LOCUST LN	NEEDHAM	MA		8749.92626953125	375.000085443203
43501	103303000	103303000	103303000 154 FALCON ST	EAST BOSTON	2128 ONE 54 FALCON ST CONDO TR	376 BOYLSTON ST	BOSTON	MA	2116	2194.623046875	225.222880701299
127952	103391000	103391000	103391000 99 FALCON ST	EAST BOSTON	2128 PAOLETTI LYNETTE M	7209 HERMITAGE RD	HENRICO	VA	23228	2335.90747070313	227.659717896831
101789	103321000	103321000	103321000 215 CONDOR ST	EAST BOSTON	2128 215 CONDOR STREET REALTY TRUST	190 BOSTON ST	MIDDLETON	MA	1949	6569.111328125	325.134279378956
135632	103373000	103373000	103373000 175 177 CONDOR ST	EAST BOSTON	2128 CUMMINGS EVAN	1521 LANCASTER ST	BALTIMORE	MD	21231	2052.66381835938	222.699788200057
139963	103388000	103388000	103388000 93 FALCON ST	EAST BOSTON	2128 BUI HA T	93 LANCASTER ST	EAST BOSTON	MA	2128	2570.75219726563	232.927192383749
156940	103337000	103337000	103337000 130 FALCON ST	EAST BOSTON	2128 MELARA LUIS A	47 BOYLSTON ST	JAMAICA PLAIN	MA	2130	3049.73901367188	245.862572783581
118697	103709001	103709001	103709001 CONDOR ST	EAST BOSTON	2128 N E TEL * TEL CO	PO BOX 2749	ADDISON	TX	75001	13551.4436035156	1377.6996858642
24726	103407000	103407000	103407000 131 A131 FALCON ST	EAST BOSTON	2128 ARANA JUAN R	131 FALCON ST	EAST BOSTON	MA	2128	1936.81640625	205.121402856476
142253	103372000	103372000	103372000 171 173 CONDOR ST	EAST BOSTON	2128 NGUYEN JOHN V	60 WHITE ST 4	E BOSTON	MA	2128	2382.24340820313	230.138219356739
31699	103341000	103341000	103341000 122 FALCON ST	EAST BOSTON	2128 MACLEAN EDWARD J BE	122 FALCON ST	EAST BOSTON	MA	2128	2575.98046875	234.71686277085
43504	103303000	103303006	103303000 154 FALCON ST 3	EAST BOSTON	2128 THORDAL-CHRISTENSEN ERIK A	154 FALCON ST #3	EAST BOSTON	MA	2128	2194.623046875	225.222880701299
147763	103389000	103389002	103389000 95 FALCON ST 1	EAST BOSTON	2128 ROBERSON AARON S	95 FALCON ST #1	EAST BOSTON	MA	2128	2330.32006835938	227.439515877011
63266	103314000	103314000	103314000 2 PUTNAM ST	EAST BOSTON	2128 BETANCUR JORGE	278 CHELSEA ST #1	EAST BOSTON	MA	2128	1668.36962890625	178.444942737276
57106	103386000	103386000	103386000 CONDOR ST	EAST BOSTON	2128 CITY OF BOSTON	ONE CITY HALL SQ 9TH FLR	BOSTON	MA	2201	8809.10888671875	376.16874729217
25335	103347000	103347000	103347000 106 108 FALCON ST	EAST BOSTON	2128 COELHO EDUARDO	106 FALCON ST	EAST BOSTON	MA	2128	2637.05883789063	235.77833892295
					C/O VELKOR 136 NOMINEE TRUST						
					C/O STEVEN A ROSS						
					C/O LYNETTE PAOLETTI TS						
					C/O RAFFAELE PRINZIVALI						
					C/O CUMMINGS / ZAPATKA						
					C/O HA T BUI & DY D BUI						
					C/O DUFF AND PHELPS						





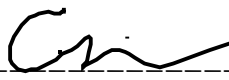
**AFFIDAVIT OF SERVICE  
FOR ABUTTER NOTIFICATION**

**Under the Massachusetts Wetlands Protection Act  
and Boston Wetlands Ordinance**

I, \_\_\_\_\_, hereby certify under pains and penalties of perjury that that at least one week prior to the public hearing, I gave notice to abutters in compliance with the second paragraph of Massachusetts General Laws Chapter 131, section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A \_\_\_\_\_ was filed under the Massachusetts Wetlands Protection Act and/or the Boston Wetlands Ordinance by \_\_\_\_\_ for \_\_\_\_\_ located at \_\_\_\_\_.

The Abutter Notification For, the list of abutters to whom it was given, and their addresses are attached to this Affidavit of Service.

  
\_\_\_\_\_  
Name

\_\_\_\_\_  
Date

Affidavit of Translation

I, Gabriela Herrera, am fluent in English and Spanish. I hereby certify that I have verified the following document which is attached to this Affidavit: Abutter Notification for The Emerald Tutu, of one page, on August 9, 2022. I further certify that, to the best of my knowledge, the attached document written in Spanish is a true and accurate translation of the attached document written in English.



Signature of Verifier

Gabriela Herrera

Print Name



The Emerald Tutu, Inc is proposing to install a floating garden frame and various floating garden prototypes (growing units) within the water sheet area of the Hess Site parcel. The floating frame is a single 50-foot diameter buoyant hoop constructed of HDPE pipe, a standard design in the aquaculture industry. The frame will provide an attachment structure for individual growing units planted with Marsh Grass (*Spartina alterniflora*) and other emergent native vegetation. The substrate within the growing units is a mix of wood fiber shreds and coconut fiber, which are both standard materials for sediment control and other marine landscape products. Floating growing units will be affixed to the floating garden frame with marine-grade line.

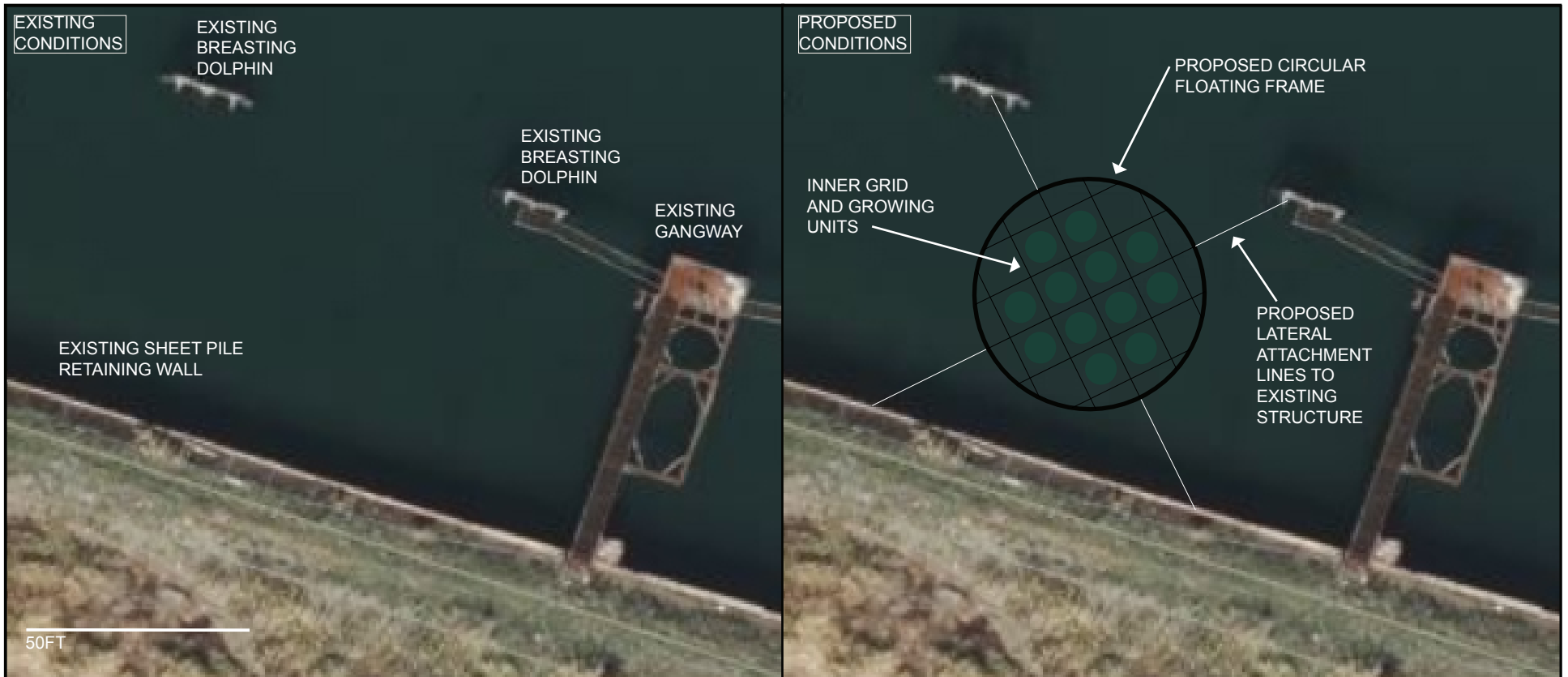
Aug 5, 2022

Appendix B: Project Maps and Specifications

The Emerald Tutu Inc  
 emerald.tutu@gmail.com  
 http://emerald-tutu.com



Gabriel Cira  
 Project Leader, The Emerald Tutu  
 (774) 327-1248  
 blue.cira@gmail.com



Existing Conditions: The Hess Site watersheet is separated from upland areas by a sheet pile retaining wall. Four breasting dolphins are located approximately 70 feet seaward of the retaining wall, which are spaced at intervals of approximately 75 feet. An existing gangway links the two center dolphins to the retaining wall. All existing site construction is of 14” steel I-beam structure and heavy welded steel construction.

Proposed Conditions: The floating garden frame is a loop of 6” dia HDPE pipe, with marine-grade rope (3/8” three-strand twisted polypropylene) affixed around the segments to form an inner grid. The four (4) lateral attachment lines are high-strength marine-grade rope (5/8” three-strand nylon). All rope connections will be spliced for maximum strength. These lines attach to the seawall with a standard steel shackle plate bolted to the seawall. Standard I-beam clamps will be used to attach the rope to the breasting dolphins.

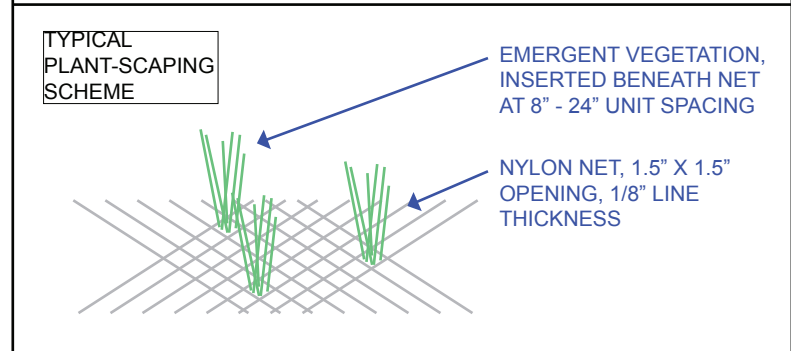
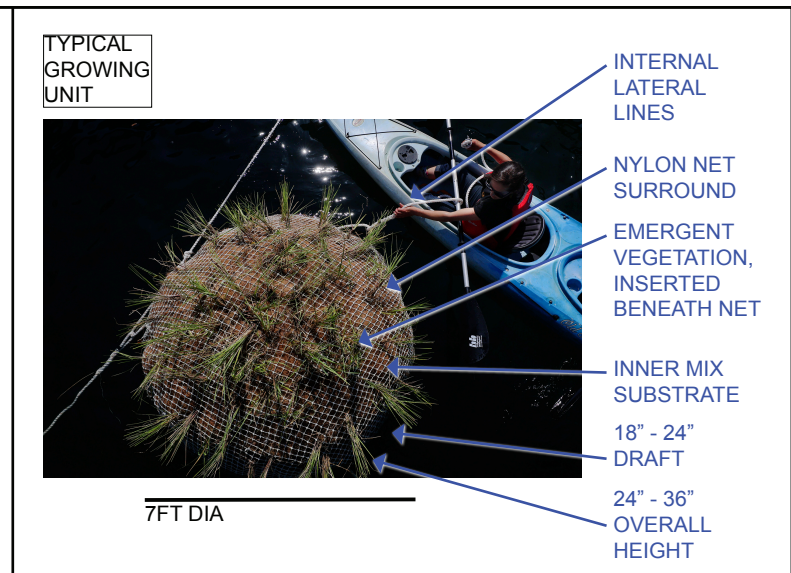
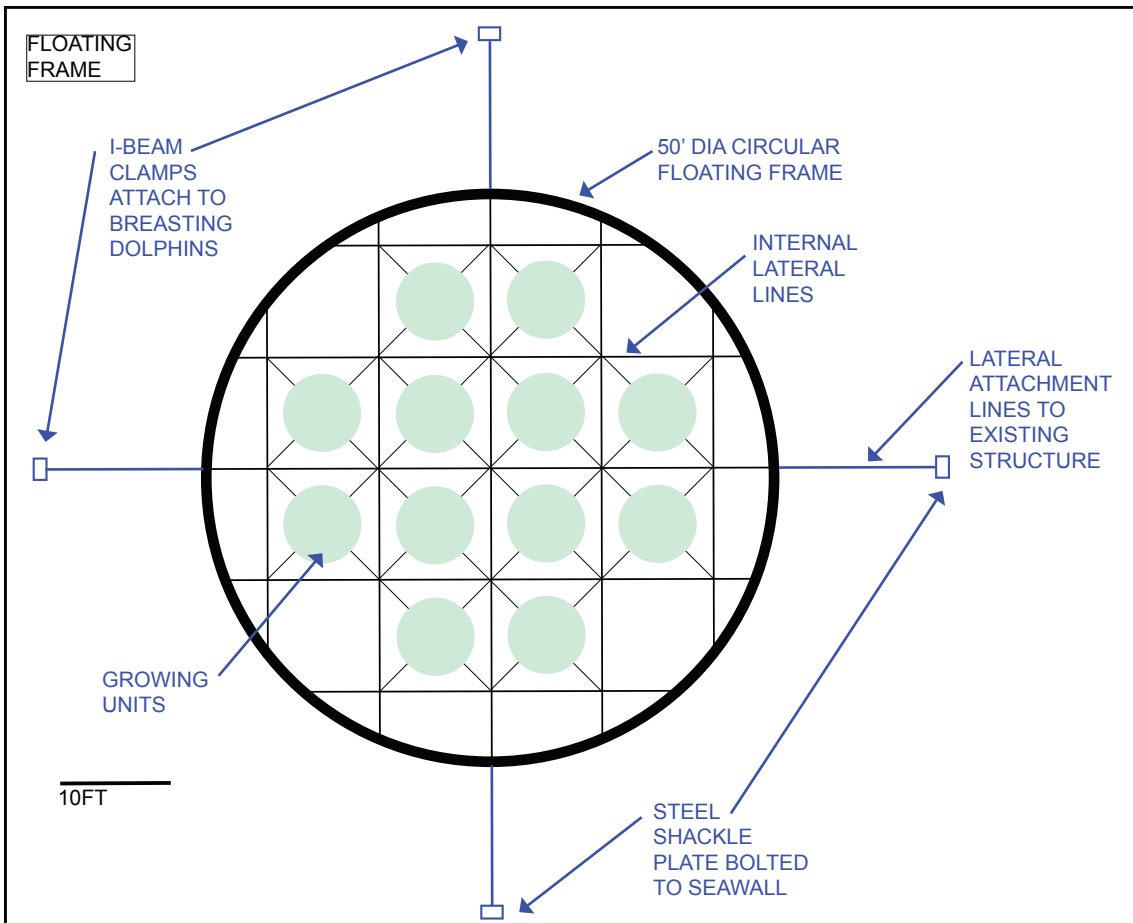
Aug 5, 2022

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 Project Leader, The Emerald Tutu  
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 blue.cira@gmail.com



Each individual growing unit will be attached directly to the inner grid of polypropylene rope and will therefore not require individual anchoring. The substrate within the growing units is a mix of wood fiber shards and coconut fiber, encapsulated by a nylon net.

Each individual growing unit will be pre-planted with one or more of the following types of emergent vegetation. All examples are native to Massachusetts: *Spartina alterniflora* (smooth cordgrass) – both tall form and short form, *Spartina patens* (saltmarsh hay), *Spartina cynosuroides* (salt reedgrass), *Juncus gerardi* (saltmarsh rush), *Distichlis spicata* (saltgrass), *Salicornia ambigua* (perennial glasswort).

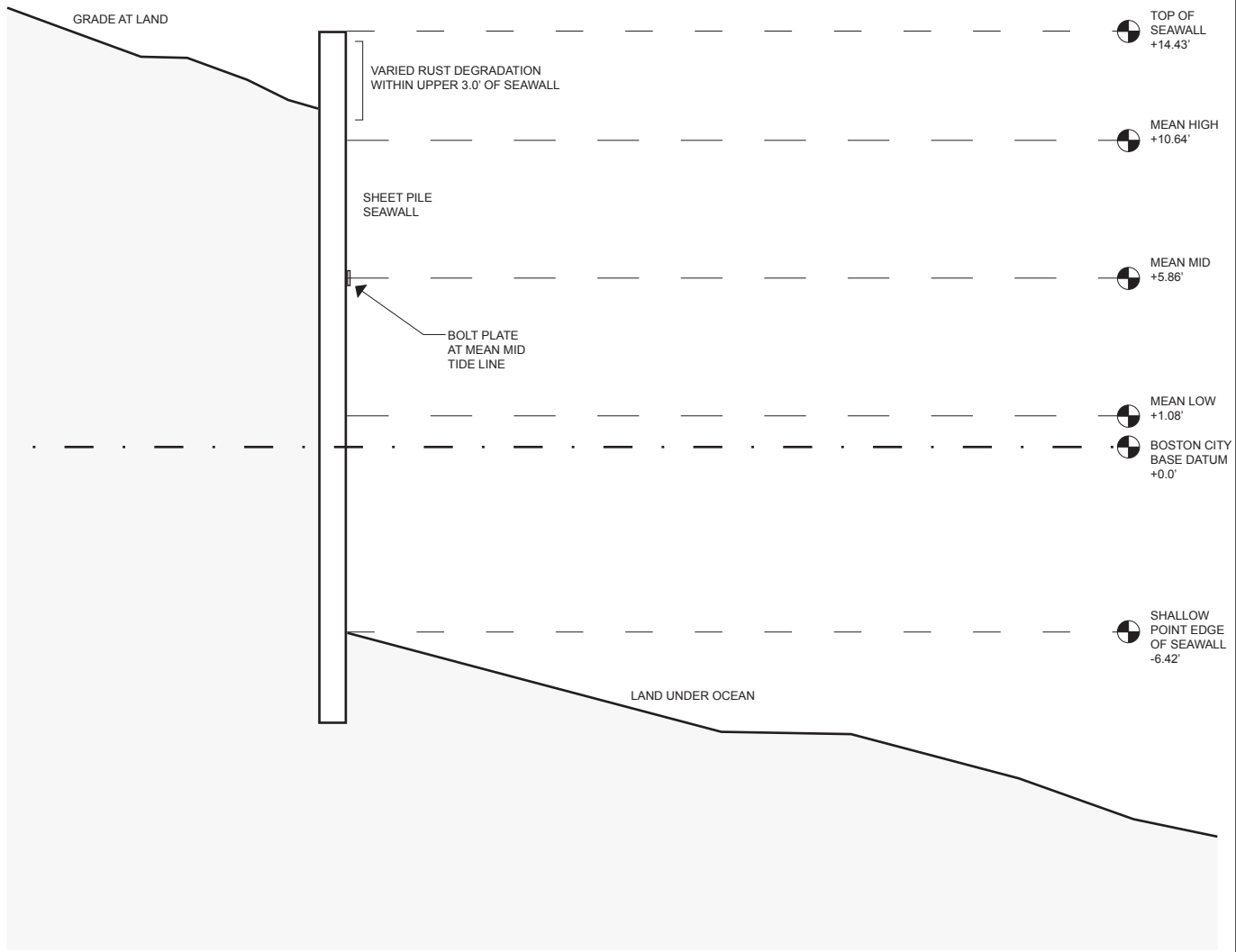
Aug 5, 2022

Appendix B: Project Maps and Specifications

The Emerald Tutu Inc  
 emerald.tutu@gmail.com  
 http://emerald-tutu.com



Gabriel Cira  
 Project Leader, The Emerald Tutu  
 (774) 327-1248  
 blue.cira@gmail.com



Aug 17, 2022

Section View of Seawall and Bolt Plate Level

The Emerald Tutu Inc  
 emerald.tutu@gmail.com  
 http://emerald-tutu.com



Gabriel Cira  
 Project Leader, The Emerald Tutu  
 (774) 327-1248  
 blue.cira@gmail.com



# SUPER ANCHOR SAFETY®

## 6x6 D-Plate Anchors Instruction/Specification Manual 2021

ENGLISH  
VERSION

**!WARNING TO USER!**  
You are required to read and use the Instruction/Specification manual supplied at the time this device was shipped. Improper use and installation can result in serious injury or death. Follow inspection requirements before each use.

### Specifications

**Minimum Breaking Strength MBS:** 5,000lb(22.5kN) in any direction the load is applied to the top fixture.  
**Proof Loading:** Must not exceed 2,500lb(11.3kN).  
**4-1 Design Load:** 1,250lb(567kg).  
**Service Load:** 360°  
**Low Temperature:** -30°F to +130°F

### Compliance

ANSI Z359.18-2017 Type A/T / Z359.7  
OSHA 1926.502  
**Note:** Use of "qualified and competent person\*" in this manual: consult OSHA definition.  
**Non-Specified Use:** Do not proof load, use for HLL or Window Washing, D-Plates No.1038/1303/1037P

### Specified Use:

**PPE Anchor:** 1 person max. user wt. 340lb including tools and equipment. Use for an anchorage connector designed to support a suspended component/tie-back line or an active fall protection system with a maximum free fall exposure of 6ft(1.8m). Users are required to wear current ANSI, CSA or OSHA compliant PPE including a personal energy absorber with a max. fall arrest force of 1,800lb. with the use of this anchor.  
**PPE Equipment:** Users are required to use PPE that comply with current ANSI, OSHA or CSA standards including a full body harness (FBH), and personal energy absorber with a max. arrest force of 1,800lb.  
**SRL's:** Self retracting lifelines must be equipped with an internal or external energy absorber.  
**Horizontal Lifeline (HLL):** Use with SAS pre-engineered, 30° angle fixed length Horizontal Lifelines cables No.1335. See page 4, Table 2.  
**Hoisting or Lifting:** Consult D-Plate Hoisting Addendum 1.

### Compatible Connectors

Connect PPE equipment with 3,600lb gate strength snaphooks and carabiners. Do not attach more than 1 connector to the loop top. Ensure connectors are compatible before use.

### Attachment Bolt Specifications

Install with 2 or 4 bolts as specified in this manual with certified 1/2"-13 grade 8, 18-8sst bolts or A-307 threaded rod. See Fig.9 for instructions to calculate attachment bolt lengths. Bolt threads must extend 1/8" past the lock nut.

### Anchor Locations

Unless specified with a Job Specific Plan, the max. spacing between anchors is 8ft. HLL spacing between anchors is 10-20ft with 2ft increments shown at Table 2.

### Structural Support

The anchor attachment point must be structurally capable of supporting 5,000lb or 2x the intended fall protection load per OSHA 1910.140(13). 3rd party structural engineering is available from SAS upon request. For example: 1 person w/energy absorber maximum arrest force of 1800lb x 2= 3,600lb attachment point.

### Inspections/Maintenance

Inspected before and after installation to confirm anchors are free of defects. A record of annual inspections by a competent person should be maintained. SAS inspection points may be used as part of the user and building owner's maintenance plan.

### D-Plate Inspection Points

- Confirm attachment bolts comply with specifications, and are tightened with lock nuts.
- Inspect welds and loop tops for cracks.
- Inspect Loop Top for deformation.
- If rust is present, re-coat w/zinc spray
- PID labels must be intact.

**Warning!** Anchors subjected to a free fall or other damage must be tagged to prevent further use until inspected by a qualified person. Remove from service if inspection does not pass and dispose of in a way that will prevent further use.

**Table 1 Use Specifications**

Use Rating	Part No.	Top Fixture		Base Plate	Type of Coating	See Fig.
		No.	Type			
PPE	1038	Forged D-Ring	Q235 Steel	Q235 Steel	Red Powder	1
	1028				HDG	5
HLL	1037-PG	1091	Q235	304sst	N/A	3
	1037-PS	1091S	316sst			
Pass-Thru	1037	1090	Q235	Q235	HDG	2
	1037S	1090S	316sst	304sst	N/A	
	1301G	1093	Q345	Q345	HDG	4
	1301S	1093S	316sst	304sst	N/A	

Fig.1

**No. 1038**  
Red Powder Coated  
Forged D-Ring  
DO NOT use for HLLS



No. 1037

HDG Coating  
No. 1090  
Cast Loop Top  
1-3/8" i.d.  
MBS 15,000lb

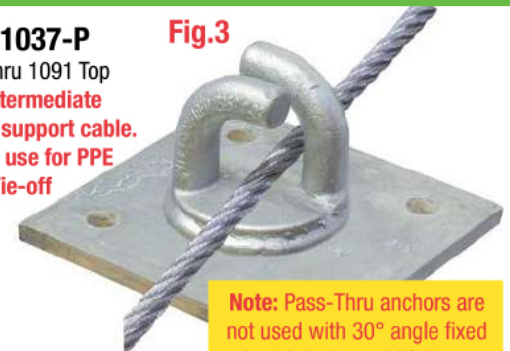
Fig.2



No. 1037-P

Pass-Thru 1091 Top  
HLL intermediate  
anchor to support cable.  
DO NOT use for PPE  
Tie-off

Fig.3



**Note:** Pass-Thru anchors are not used with 30° angle fixed length horizontal lifelines.

No. 1301

CAL-OSHA 2.0" i.d.  
Cast Loop Top  
MBS 20,000lb

Fig.4



### PID Labels

Primary Inspection	Installation
<p>Year: <input type="text"/></p> <p>Month: <input type="text"/></p> <p>Inspector: <input type="text"/></p> <p>Inspected: <input type="text"/></p> <p>Pass: <input type="checkbox"/></p> <p>Fail: <input type="checkbox"/></p>	<p>Year: <input type="text"/></p> <p>Month: <input type="text"/></p> <p>Inspector: <input type="text"/></p> <p>Installed: <input type="text"/></p> <p>Pass: <input type="checkbox"/></p> <p>Fail: <input type="checkbox"/></p>

**Super Anchor Safety**  
Monroe, WA 98272 USA  
425-488-8868

**D-Plate No. 1037-G**

DOM:

Material Specifications  
Loop Top: No.1090 Q235 Cast Steel  
1-3/8" i.d.  
Base Plate: Forged 304 Q235 Steel  
Finish: Hot Dip Galvanized  
Service Temp: -30°F / +130°F

Min. Breaking Strength: MBS 10,000lb with load applied to loop top in any direction.

Working Load: PPE: 4/1 max.  
Lifting Loads: 3/1 max. 5,000lb

Specified Use: Fall protection for one person w/max user wt. of 340lb. PPE anchor point, Window Washing, Horizontal Lifeline Systems, Lifting.

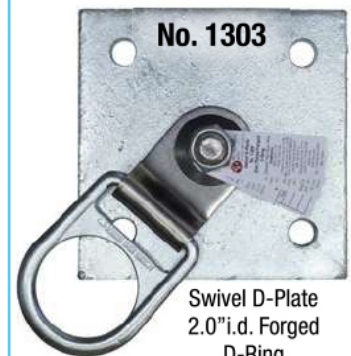
Warning! Max. proof load 2,500lb (11kN)

Compliance: OSHA 1926.502  
ANSI Z359.18 Type A/T  
ANSI/CSA 114.1-2001

WARNING! For installation and use consult instructions included at time of shipping. Inspect before each use and annually.

Fig.5

No. 1303



Swivel D-Plate  
2.0" i.d. Forged  
D-Ring  
Rotates 360°