

# Notice of Impending Development 11 19-2

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A Notice of Impending Development (NOID) provides notice to the public and the California Coastal Commission of UC Santa Cruz' intention to undertake a development project at its Coastal Science Campus (CSC, formerly the Marine Science Campus). In order for a project to be implemented, it must be contemplated by and within the parameters of the Marine Science Campus Coastal Long Range Development Plan (CLRDP). The CLRDP is available at UCSC's McHenry Library, the Santa Cruz Public Library and at: <https://lrddp.ucsc.edu/final-clrddp.shtml>.

The California Coastal Commission will review the project that is the subject of this NOID and determine if it is consistent with the CLRDP. The California Coastal Commission will provide advanced public notice of the date of the hearing.

## Project Summary for NOID 11 19-2 SMDC Emergency Generator Replacement

*The proposed project includes replacement of an existing diesel emergency generator with new natural gas emergency generator and installation of a 500-gallon backup propane storage tank at Seymour Marine Discovery Center (SMDC).*

Supporting Information, which includes more details about this project is available at: <http://ppc.ucsc.edu/planning/EnvDoc.html>. A hard copy is available for review at UC Santa Cruz Office of Physical Planning, Development and Operations, 1156 High Street, Barn G, Santa Cruz, CA 95064.

### University Approval

see CLRDP 8.1.4 (5)

Date June 27, 2019

### NOID Posting

see CLRDP 8.2.4

Date July 2, 2019

### Environmental Compliance (CEQA/NEPA)

see CLRDP 8.1.4 (5)

Date June 6, 2019

### Estimated Start of Construction

see CLRDP 8.2.3

Date Fall 2019

  X   CEQA Categorical Exemption  
CEQA document

\_\_\_\_\_ NEPA \_\_\_\_\_  
NEPA document

### UC Santa Cruz Project Manager

Name Phil Boutelle  
Phone (831) 459-5644  
Email philboutelle@ucsc.edu

### Coastal Commission Contact

Name Sarah Carvill  
Phone 831-427-4863  
Email sarah.carvill@coastal.ca.gov

# Notice of Impending Development 11 19-2

## Seymour Marine Discovery Center (SMDC) Emergency Generator Replacement

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### Supporting Information

see CLRDP 8.2.5

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*(this section used if Technical Reports are extensive)*

# 1. Project Report

## **1a. NOID 11 19-2 Project Description**

### **SEYMOUR MARINE DISCOVERY CENTER EMERGENCY GENERATOR REPLACEMENT**

#### **Overview**

The Seymour Marine Discovery Center (SMDC) is a 20,000 square foot marine research and education center located at 100 McAllister Way, in the City of Santa Cruz within UCSC's Coastal Science Campus. The SMDC building's electrical system is currently backed up by a diesel emergency generator. The existing generator is being replaced with a natural gas emergency generator with propane backup.

#### **Proposed Project**

The proposed project includes replacement of an existing diesel emergency generator with new natural gas emergency generator and installation of a 500-gallon backup propane storage tank. The existing generator is located within an existing outdoor storage yard attached to the southwest side of the SMDC building. There is insufficient space within the existing storage yard to accommodate the addition of a backup propane storage tank, meet a fire code requirement of 10-foot minimum distance from a building/structure and meet 10-foot minimum distance requirement from a PG&E transformer located next to the generator within the storage yard. Refer to Figure 1 Site Plan and Section 4 Plans.

The emergency generator replacement is considered a development excluded from development review procedures (CLRDP 8.3 A), however installation of the new propane storage tank within a new fenced enclosure meets the definition of a proposed development project in the CLRDP and is the focus of this Project Report review.

The replacement 125kw generator is of equivalent size and form to the existing diesel generator. The new generator will be installed in the location of the existing generator footprint and connect to an existing natural gas service located within the SMDC building storage yard.

The project would construct a 100 square-foot fenced and gated enclosure for the propane tank, located as close to the SMDC building and existing storage yard as possible, while meeting building and utility setback requirements. The propane tank enclosure location is within a landscaped island surrounded by existing walkways and adjacent to a service parking area.

The propane tank will require installation of new corrosion-resistant propane and vaporizer electric lines below grade (beneath an existing sidewalk), between the propane tank and emergency generator. The propane tank will be installed on a concrete slab and be surrounded on three sides by a retaining wall and fence, with access gate(s) at grade. The enclosure is 6 feet high to meet fire code requirements. Bollards will be installed facing the existing UCSC service parking spaces. The fenced enclosure will be constructed with fencing materials equivalent to the outdoor storage yard and SMDC building aesthetic (non-combustible vertical siding). Non-combustible materials are required to meet fire code requirements for the propane tank enclosure.



**Figure 1. Site Plan**

## **1b. CLRDP Consistency Determination**

As stated in Policy 1.1 (Development Consistency), "Development shall be deemed consistent with the CLRDP if it is consistent with the provisions of Chapters 5, 6, 7, 8, 9, and Appendices A and B."

The following is a list of all the Policies, Implementation Measures and Figures found in Chapter 5. Those that apply directly to this NOID are highlighted in black and followed with a comment regarding the project's consistency; those that do not are indicated with strikethrough text. In addition, any sections of Chapters 6, 7, 8, 9, and Appendices A and B that apply to this NOID are referenced with comments if relevant or as strikethrough text if they are not pertinent to this project.

## **CHAPTER 5 Long Range Land Use Development Plan**

### **5.1 Application of the Long Range Land Use Development Plan**

#### **Policy 1.1 Development Consistency**

The University finds the project contemplated under NOID 11 19-2 to be consistent with the CLRDP.

#### **IM 1.1.1 Figures of Chapter 5.**

##### **Figure 5.1 Building Program (New Construction Only)**

The project is an Outdoor Development, Equipment Storage and Maintenance type of Program Element and is consistent with the CLRDP building program. The addition of the 100 square foot project area does not exceed the maximum quantity of 70,000 square feet for Open Laydown Yards as allowed in the CLRDP. Approximately 56,500 square feet of Open Laydown Yards has been developed to date.

##### **Figure 5.2 Land Use Diagram**

The project is located within the Research and Education Mixed Use land use designation limits and within the original SMDC limits of construction. Refer to attached markup of Marine Discovery Center grading and drainage plan, sheet C1.2 for original limits of construction (Section 1 Attachments).

##### **Figure 5.3 Locational Restrictions for Building Program**

The project Program Element, Equipment Storage and Maintenance Facilities, location is within the Lower Terrace Development Zone and is limited to an existing facility, ancillary to allowed uses and has no locational restrictions.

##### **Figure 5.4 Development Subareas**

The project is within Development Subarea #15 and does not apply towards the maximum building coverage calculations. Figure 5.4, Note 3 states: "Coverage associated with parking and with outdoor research area, laydown, and storage does not apply towards maximum building coverage calculations." Refer to Figure 5.1 Building Program for CLRDP Outdoor Development maximum.

#### ~~IM 1.1.2 Lease Agreements.~~

#### ~~IM 1.1.3 Federal In holding and CLRDP.~~

#### **Policy 1.2 University Commitments**

The University commitments in the CLRDP have been undertaken.

### **5.2. Land Use**

#### **Figure 5.1 Building Program**

See IM 1.1.1 comment

#### **Figure 5.2 Land Use Diagram**

See IM 1.1.1 comment

#### **Figure 5.3 Locational Restrictions for Building Program**

See IM 1.1.1 comment

#### ~~Policy 2.1 Maintaining a Stable Urban / Rural Boundary~~

##### ~~IM 2.1.1 Over sizing of Utility Lines Prohibited.~~

##### ~~IM 2.1.2 Utility Prohibition Zone.~~

#### **Policy 2.2 Strengthening the Urban / Rural Boundary through the Protection of Adjacent Agricultural Resources**

##### **IM 2.2.1 Setback of Development and Uses from Adjacent Agricultural Use.**

The project is located outside the agricultural setback.

##### **Policy 2.3 Designing for the Urban Edge**

##### **IM 2.3.1 Cluster Development.**

The project propane tank enclosure is clustered as close to the existing building as the fire code would allow (10' minimum), within a landscaped island surrounded by existing walkways and screened with fencing materials equivalent to the existing outdoor storage yard and building aesthetic.

##### **IM 2.3.2 Impervious Coverage.**

The addition of the project's impervious elements (approximately 100 square foot propane storage tank slab foundation and perimeter wall) do not exceed the Development Subarea #15 Lower Terrace Development Zone impervious coverage limits of 40 percent. Approximately 20,000 square feet (SMDC building) of the allowed 31,000 square feet of building coverage has been built to date.

~~IM 2.3.3 Windbreak Vegetation~~

**IM 2.3.4 Buildout Planning.**

The project would not preclude the future buildout of the SMDC building.

**IM 2.3.5 Interim Weed Abatement Measures for Undeveloped Land Within Development Zones.**

The project is located within an area previously developed as part of the original SMDC (formerly Long Marine Laboratory) construction, not undeveloped land within the development zone.

~~Short term and Caretaker Accommodations~~

~~Policy 2.4 Short term and Caretaker Accommodations~~

~~IM 2.4.1 Short Term Accommodation Use Restrictions.~~

~~IM 2.4.2 Caretaker Accommodations.~~

~~IM 2.4.3 Use Conversion.~~

**Campus Land Uses Limited to Marine / Coastal Research and Education, Resource Protection, and Public Access**

**Policy 2.5 Ensuring Appropriate Land Uses on the Marine Science Campus**

The project supports the existing SMDC building and uses.

**5.3 Natural Resource Protection**

**Policy 3.1 Protection of the Marine Environment**

~~IM 3.1.1 Seawater System.~~

~~IM 3.1.2 Discharge of Drainage/Storm water.~~

~~Policy 3.2 Protection and Restoration of Habitat Areas~~

~~IM 3.2.1 Restoration of Wetlands on the Marine Science Campus.~~

~~IM 3.2.2 Management of Terrace Wetlands.~~

~~IM 3.2.3 Protection and Enhancement of Wildlife Movement.~~

~~IM 3.2.4 Management of Special Status Species Habitat.~~

~~IM 3.2.5 Protect Habitat Areas From Human Intrusion.~~

~~IM 3.2.6 Natural Area Management.~~

~~IM 3.2.7 Management of Water Quality and Drainage Features.~~

~~IM 3.2.8 Maintenance and Monitoring of Terrace Habitats.~~

~~IM 3.2.9 Wetland Buffers.~~

~~IM 3.2.10 Natural Areas Habitat Management.~~

~~IM 3.2.11 CRLF Protection.~~

~~IM 3.2.12 USFWS Consultation Required~~

~~IM 3.2.13 Rodenticides.~~

~~IM 3.2.14 Non-Invasive Native Plant Species Required.~~

Project replacement/restored landscaping shall be limited to non-invasive native plant species.

~~Policy 3.3 Use and Protection of Coastal Waters and Wetlands~~

~~IM 3.3.1 Pre development Evaluation of Wetland Conditions.~~

~~IM 3.3.2 Update CLRDP With Respect to Wetlands.~~

**Policy 3.4 Protection of Environmentally Sensitive Areas (ESHAs)**

The project is located within the Research and Education Mixed Use land use designation, and outside the Resource Protection Buffer and Resource Protection land use limits.

~~IM 3.4.1 Additional Measures to Protect Habitat Areas.~~

~~IM 3.4.2 Noise Intrusion into Terrace ESHA.~~

During an emergency event and periodic testing, the replacement natural gas generator will generate less noise than the existing diesel generator. Additionally, the generator will be equipped with a second stage muffler and second level sound attenuating enclosure to further limit operational noise.

~~IM 3.4.3 Noise Intrusion into YLR (original YLR).~~

See IM 3.4.2 above.

~~IM 3.4.4 Pre development Evaluation of ESHA Conditions.~~

~~IM 3.4.5 Update CLRDP With Respect to ESHA.~~

**Younger Lagoon Reserve**

~~Policy 3.5 Special Protection for the Original Younger Lagoon Reserve~~

~~IM 3.5.1 Protection and Enhancement of YLR Habitats.~~

~~IM 3.5.2 Protection of Special Status Species in YLR.~~

~~IM 3.5.3 Protection of YLR Resources.~~

~~IM 3.5.4 Development of Monitoring and Maintenance Program.~~

~~IM 3.5.5 Siting of Windbreak Vegetation.~~

**IM 3.5.6 YLR Manager Consultation.**

The Administrative Director of the UCSC Natural Reserves and the Director of the Younger Lagoon Reserve have reviewed the scope of the SMDC Emergency Generator Replacement (NOID 11 19-2) and concur the Project would not result in significant impacts to the Reserve.



Gage Dayton, Administrative Director, UCSC Natural Reserves

6/29/19

Date

~~IM 3.5.7 Movement Not Visible From YLR (original YLR)~~

~~Monitoring efforts and public use of Younger Lagoon will be visible from the original Younger Lagoon Reserve.~~

~~IM 3.5.8 Protective Measures for YLR (original YLR) in Middle Terrace.~~

~~Policy 3.6 Public Access to and within YLR (original YLR)~~

~~IM 3.6.1 Provision of Controlled Access within YLR (original YLR).~~

~~The project is consistent with public access policies for the beach and lagoon areas of YLR.~~

~~IM 3.6.2 Visual Access to YLR (original YLR).~~

~~Visual access to the original YLR is available from existing overlooks.~~

~~IM 3.6.3 Public Beach Access within YLR (original YLR).~~

### **Coastal Bluffs and Blufftops**

#### **Policy 3.7 Protection of Coastal Bluff and Bluff top Areas**

The project is located within an existing SMDC storage yard and landscaped island between existing paved walkways.

##### **IM 3.7.1 Bluff Setbacks.**

The project is located outside the coastal bluff 100' setback.

~~IM 3.7.2 Coastal Bluff and Bluff top Area Protection and Enhancement Measures.~~

~~IM 3.7.3 Protecting Existing Development from Coastal Erosion.~~

~~Agricultural Resources~~

~~Policy 3.8 Protection of Adjacent Agricultural Resources~~

~~IM 3.8.1 Cooperation.~~

~~IM 3.8.2 Agreement to Indemnify and Hold Harmless.~~

### **Cultural Resources**

#### **Policy 3.9 Conservation of Cultural Resources**

##### **IM 3.9.1 Construction Monitoring.**

The project is within the original SMDC (formerly Long Marine Laboratory) limits of construction. Requirements are met by UCSC Division I campus construction contract specifications.

### **Hazardous Materials Management**

#### **Policy 3.10 Hazardous Materials Management**

##### **IM 3.10.1 Hazardous Materials Management.**

The construction contract will include standard containment requirements during construction for removal of the existing diesel generator and will be reviewed by UCSC Environmental Health and Safety (EHS).

~~IM 3.10.2 Protective Measures for Laydown Yard.~~

### **Air Quality and Energy Consumption**

#### **Policy 3.11 Energy Efficiency in New Construction**

##### **IM 3.11.1 Energy Efficiency in New Construction.**

##### **IM 3.11.2 Energy Efficiency in Use.**

The project is replacing a diesel emergency generator with a natural gas emergency generator with propane backup.

~~Policy 3.12 Air Quality and Energy Conservation through Land Use and Transportation Controls~~

~~IM 3.12.1 Air Quality and Energy Conservation through On-Campus Short-Term Accommodations.~~

~~IM 3.12.2 Air Quality and Energy Conservation through Controlling Travel Mode Split.~~

~~IM 3.12.3 Air Quality and Energy Conservation through Parking Control.~~

~~IM 3.12.4 Air Quality and Energy Conservation through Alternative Transportation.~~

~~IM 3.12.5 Air Quality and Energy Conservation through Transportation Demand Management.~~

~~Natural Resource Protection Analysis~~

~~Policy 3.13 Natural Resource Protection Analysis Required~~

~~Policy 3.14 Permanent Protection~~

~~IM 3.14.1 Natural Areas Protection.~~

## **5.4. Scenic and Visual Qualities**

### **Figure 5.2 Land Use Diagram**

The project is located within the Research and Education Mixed Use land use designation limits and within the original SMDC (formerly Long Marine Laboratory) limits of construction.

### **Figure 5.4 Development Subareas**

The project is within Development Subarea #15.

#### **Policy 4.1 Protection of Scenic Views**

##### **IM 4.1.1 Location of Development.**

The project is located outside public view corridors depicted in Figure 3.16 and is located within a development zone. The project is within the existing SMDC storage yard and the propane tank enclosure is clustered as close to the existing building as the fire code would allow (10' minimum) and within a landscaped island surrounded by existing walkways.

#### **Policy 4.2 Protection of Scenic Quality**

##### **IM 4.2.1 Design Standards and Illustrative Campus Build out Site Plan.**

The project is a replacement of an existing facility supporting the SMDC building. The project is within the existing SMDC storage yard and includes a new 100 square foot enclosure screened with fencing materials equivalent to the existing outdoor storage yard and building aesthetic (non-combustible vertical siding). See photo and example of fencing materials attached to schematic design in Section 4.

### **IM 4.2.2 Alteration of Natural Landforms.**

The project is within the existing SMDC storage yard and the propane tank enclosure is within an existing landscaped island surrounded by existing walkways.

~~IM 4.2.3 Building and Other Structure Heights.~~

~~IM 4.2.4 Laboratory Buildings.~~

~~IM 4.2.5 Maximum Building Gross Square Footage.~~

~~IM 4.2.6 Maximum Additional Gross Square Footage in Lower Terrace.~~

### **IM 4.2.7 Construction Materials.**

The project is within the existing SMDC storage yard and includes a new 100 square foot enclosure screened with fencing materials equivalent to the existing outdoor storage yard and building aesthetic (non-combustible vertical siding).

~~IM 4.2.8 Building Setbacks.~~

~~IM 4.2.9 Building Length Limitations.~~

### **IM 4.2.10 Placement of Utility Lines Underground.**

The project utilities will be installed underground.

~~IM 4.2.11 Windbreak Vegetation.~~

~~IM 4.2.12 Development in Northernmost Portion of Middle Terrace.~~

### **IM 4.2.13 Development Along Edge of Lower Terrace.**

The project is within Development Subarea #15.

~~IM 4.2.14 Building Development West of McAllister Way in Lower Terrace.~~

~~IM 4.2.15 Building Development West of McAllister Way in Middle Terrace.~~

### **IM 4.2.16 Building Development Outside of Subareas Prohibited.**

The project is within Development Subarea #15.

### **Policy 4.3 Visual Intrusion and Lighting**

~~IM 4.3.1 Visual Intrusion into YLR (original YLR).~~

~~IM 4.3.2 Visual Intrusion into YLR (Terrace Lands).~~

~~IM 4.3.3 All Lighting.~~

~~IM 4.3.4 Building Lighting.~~

~~IM 4.3.5 Street and Trail Lighting.~~

~~IM 4.3.6 Parking Lot and Maintenance Yard Lighting.~~

~~IM 4.3.7 Sign Lighting.~~

~~IM 4.3.8 Lighting Plan Required.~~

## **5.5. Circulation and Parking**

### **Figure 5.5 Circulation and Parking Diagram**

#### **Auto Circulation**

#### **Policy 5.1 Vehicular Access**

~~IM 5.1.1 New Circulation System.~~

~~IM 5.1.2 Improve Shaffer Road / Delaware Avenue Intersection~~

~~IM 5.1.3 Shaffer Road Improvements.~~

~~IM 5.1.4 Access for Wildlife Across Shaffer Road (Upper Wildlife Corridor).~~

~~IM 5.1.5 Access for Wildlife Across Shaffer Road (Lower Wildlife Corridor).~~

~~IM 5.1.6 Use of Former Access Road.~~

~~IM 5.1.7 Emergency Access.~~

#### **Travel Mode Split**

#### **Policy 5.2 Travel Mode Split**

~~IM 5.2.1 Encourage Alternatives to Single Occupant Vehicle.~~

~~IM 5.2.2 Alternatives to the Single Occupant Vehicle.~~

#### **Parking**

#### **Policy 5.3 Parking for Campus Use and Public Coastal Access**

~~IM 5.3.1 All Campus Users Off-Hour Parking.~~

~~IM 5.3.2 Public Coastal Access Parking.~~

~~IM 5.3.3 Campus Entrance Public Coastal Access Parking.~~

~~IM 5.3.4 Middle Terrace Public Coastal Access Parking.~~

~~IM 5.3.5 Lower Terrace Dual Use Parking (Public Coastal Access Parking and Discovery Center Parking).~~

~~IM 5.3.6 Lower Terrace Public Coastal Access Parking.~~

~~IM 5.3.7 Parking Demand Satisfied On Campus.~~

~~IM 5.3.8 Free and/or Low Cost Public Coastal Access Parking.~~

#### **Parking Supply**

#### **Policy 5.4 Parking Supply**

~~IM 5.4.1 Development of New Parking~~

~~IM 5.4.2 Lease Agreements~~

~~IM 5.4.3 Distribution and Intensity of Parking~~

#### **Parking Management**

#### **Policy 5.5 Parking Management**

~~IM 5.5.1 Permits Required.~~

~~IM 5.5.2 Public Coastal Access Parking.~~



~~IM 5.5.3 Carpools and Vanpools.~~  
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~~IM 5.6.5 Crosswalk Design.~~  
~~IM 5.6.6 Siting Buildings for Ease of Access.~~  
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~~IM 5.7.3 Physical Infrastructure for Transit.~~  
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~~IM 5.8.3 Transportation Information.~~  
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~~Policy 5.9 Impacts Offset~~

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~~Circulation and Parking Plan~~  
~~Policy 5.10 Circulation and Parking Plan Required~~

#### 5.6. Public Access and Recreation

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~~IM 6.2.11 Off Campus Trail Connectivity.~~  
~~IM 6.2.12 Maintenance of Existing Public Access.~~  
~~IM 6.2.13 Public Access to Younger Lagoon Beach.~~  
~~Policy 6.3 Public Access and Recreation Plan Required~~

#### 5.7. Hydrology and Water Quality

##### **Figure 5.7 Utilities Diagram**

##### **Policy 7.1 Productivity and Quality of Coastal Waters**

##### **IM 7.1.1 Management of Storm water and Other Runoff.**

The 100 square foot propane tank enclosure impervious surface stormwater runoff will infiltrate to surrounding existing landscaping.

~~IM 7.1.2 Water Quality Standards.~~  
~~IM 7.1.3 Pre and Post Development Flows.~~  
~~IM 7.1.4 Pre-Development Drainage Patterns Defined.~~  
~~IM 7.1.5 Pre-Development Drainage Peak Flow Rates Defined.~~  
~~IM 7.1.6 Groundwater Recharge.~~  
~~IM 7.1.7 Seawater System (Seawater Containment)~~  
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~~IM 7.1.10 Elements of the Storm water Treatment Train.~~  
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~~IM 7.3.2 Discharge Siting and Design.~~  
~~Policy 7.4 Drainage Plan Required~~

## **5.8 Utilities**

### **Policy 8.1 Provision of Public Works Facilities**

~~IM 8.1.1 Sizing of Utilities.~~

The project is replacing an existing SMDC building diesel emergency generator with a new natural gas emergency generator of equivalent capacity and supports the existing building power demand.

~~IM 8.1.2 Seawater System.~~

~~Policy 8.2 Protection of Biological Productivity and Quality of Coastal Waters When Providing Public Works Facilities~~

~~IM 8.2.1 Installation of New Utility Lines and Related Facilities.~~

~~IM 8.2.2 Seawater System.~~

~~IM 8.2.3 Evaluation of Western Utility Corridor.~~

~~Policy 8.3 Water Conservation Required~~

~~Policy 8.4 Impacts to City Water and Sewer Systems Offset~~

~~Policy 8.5 Utility Plan Required~~

## **CHAPTER 6 Design Guidelines**

~~6.1 Building Design~~

~~6.2 Campus Street Design~~

~~6.3 Parking Design~~

### **6.5 Landscape Design Ornamental Landscape:**

The project is located within an Ornamental Landscape Area. Project landscaping shall be limited to native plant species grown from locally collected seeds and cuttings.

~~6.6 Lighting Design~~

~~6.7 Signage Design~~

### **6.8 Fence / Barrier Design**

#### **Fencing/Barriers for Buildings, Research Areas, and Seawater System Intake, Filtration, and Storage:**

The project is within the existing SMDC building storage yard and includes a new backup propane storage tank fenced enclosure in proximity to the existing storage yard and building. The new enclosure will be constructed with materials equivalent to the existing outdoor storage yard and building aesthetic (non-combustible vertical siding). The propane enclosure fencing will be 6' in height, as required by fire code.

## **CHAPTER 7 Illustrative Campus Buildout Site Plan and Preliminary Designs**

N/A

## **CHAPTER 8 Development Procedures**

This NOID and the public notification process is submitted in conformance with the requirements of the CLRDP.

## **CHAPTER 9 Capital Improvement Program**

N/A

## **APPENDIX A Resource Management Plan**

N/A

**APPENDIX B Drainage Concept Plan**

N/A – See IM 7.1.1

**1c. Environmental Compliance Documentation**

Categorical Exemption as existing facilities and new construction of a small structure

**1d. Technical Reports**

Not required for this NOID

**1e. Consultation Documentation with other Agencies**

Not required for this NOID

**1f. Implementing Mechanisms**

N/A

**1g. Correspondence Received**

None

**1h. UC Santa Cruz Project Manager**

Phil Boutelle

phone: 831-459-5644

email: [philboutelle@ucsc.edu](mailto:philboutelle@ucsc.edu)

## **SECTION 1. Attachments**

SMDC EMERGENCY GENERATOR REPLACEMENT NOID 11 19-2

Original limits of construction markup of 1997 Marine Discovery Center grading and drainage plan, sheet C1.2



SRG Partnership, Inc.

Architecture  
Planning  
Interiors

421 SW Morrison St  
Suite 200  
Portland, Oregon  
97205-3804  
T 503-223-1917  
F 503-294-0272  
E eng@sgp.com

**Mand**  
ENGINEERS, INC.  
CIVIL ENGINEERING • LAND SURVEYING  
STRUCTURAL DESIGN  
1100 WATER STREET  
SANTA CRUZ, CA 95062  
TEL (408) 428-3313  
FAX (408) 428-1763

**MARINE DISCOVERY CENTER**  
Joseph M. Long Marine Laboratory, UC Santa Cruz  
Santa Cruz, CA

Drawing Title  
**GRADING AND DRAINAGE PLAN**

1" = 30'

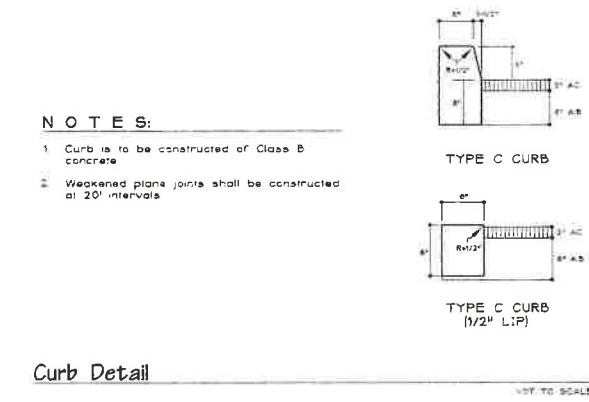
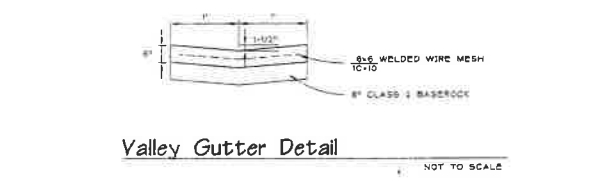
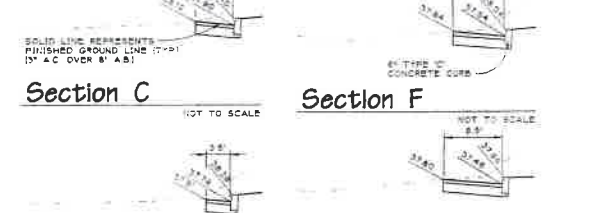
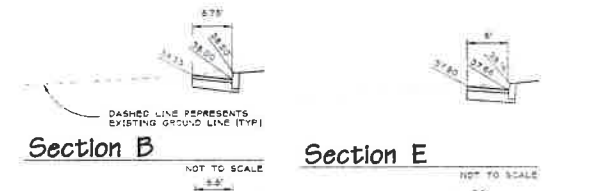
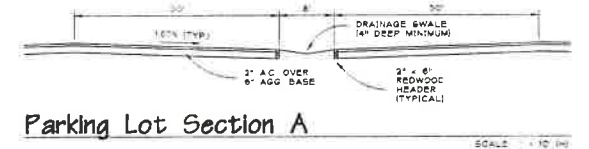
Revisions  
8/18/97 - PER PLAN CHECK COMMENTS  
8/19/97 - PER USDC COMMENTS  
10/8/97 - PER USDC COMMENTS

Drawn by  
JFI  
Checked by  
HDS  
Date  
5 August, 1997  
Project No  
3829

Drawing No

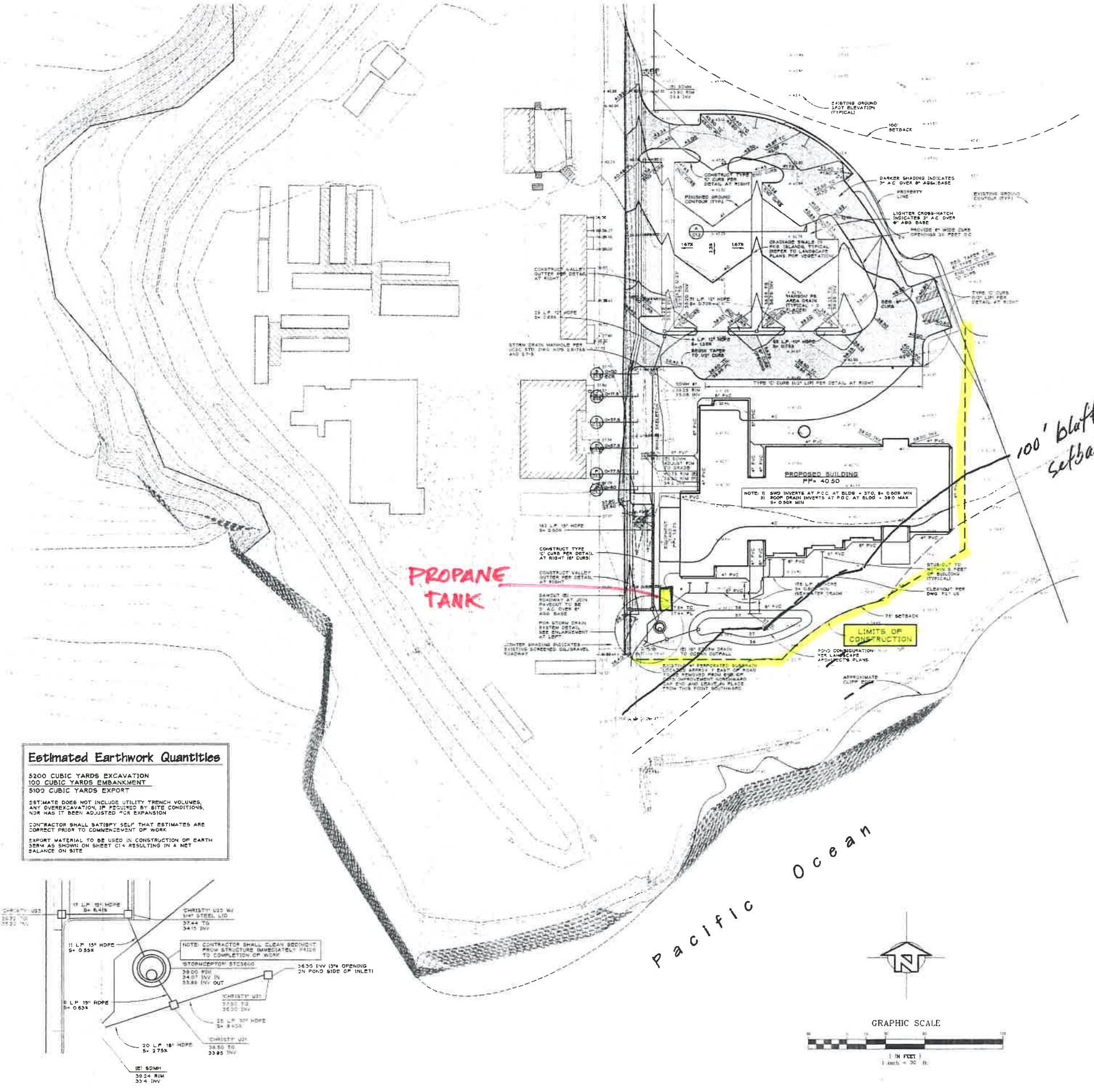
**C1.2**

*Harold D. Smith*  
REGISTERED CIVIL ENGINEER NO. 1619



**NOTES:**

- 1. Curb is to be constructed of Class B concrete.
- 2. Weakened plane joints shall be constructed at 20' intervals.



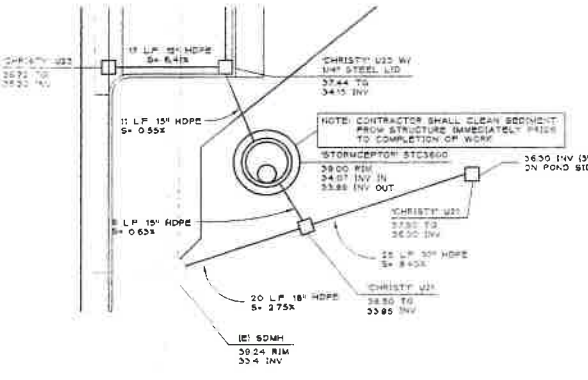
**Estimated Earthwork Quantities**

|                             |
|-----------------------------|
| 5200 CUBIC YARDS EXCAVATION |
| 100 CUBIC YARDS EMBANKMENT  |
| 5100 CUBIC YARDS EXPORT     |

ESTIMATE DOES NOT INCLUDE UTILITY TRENCH VOLUMES, ANY OVEREXCAVATION, OR REQUIRED BY SITE CONDITIONS, NOR HAS IT BEEN ADJUSTED FOR EXPANSION.

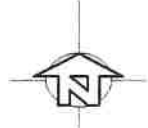
CONTRACTOR SHALL SATISFY SELF THAT ESTIMATES ARE CORRECT PRIOR TO COMMENCEMENT OF WORK.

EXPORT MATERIAL TO BE USED IN CONSTRUCTION OF EARTH BERM AS SHOWN ON SHEET C1.4 RESULTING IN A NET BALANCE ON SITE.



**Storm Drain System Enlargement**

Pacific Ocean



**SECTION 2. University Approval Documentation**  
SMDC EMERGENCY GENERATOR REPLACEMENT NOID 11 19-2

*Drafted by:* O. Slayer  
*Reviewed by:* A. Klaus

## **ITEM FOR ACTION**

### **FOR VICE CHANCELLOR APPROVAL**

#### **DESIGN APPROVAL – SEYMOUR MARINE DISCOVERY CENTER EMERGENCY GENERATOR REPLACEMENT**

The Associate Vice Chancellor - Physical Planning, Development and Operations, recommends that, upon review and consideration of the environmental consequences of the proposed Seymour Marine Discovery Center Emergency Generator Replacement (“Project”), described below, the Vice Chancellor-Business and Administrative Services:

Approve the design of the Seymour Marine Discovery Center Emergency Generator Replacement Project.

#### **Background and Project Description**

The proposed project includes replacement of an existing diesel emergency generator with new natural gas/propane emergency generator, and installation of a 500-gallon propane storage tank. The new, 125 kW generator will be the same size as the existing generator and will be installed at the same location, within an existing outdoor storage yard attached to the southwest side of the Seymour building. The new generator will connect to an existing natural gas service located within the storage yard. The propane tank would be installed on a new concrete slab within a new, approximately 100-square-foot, fenced enclosure. The propane tank enclosure location is within a landscaped island surrounded by existing walkways and adjacent to a service parking area. New propane and vaporizer electric lines will be installed below grade beneath an existing sidewalk, between the propane tank and emergency generator. Bollards will be installed between the enclosure and adjacent service parking spaces.

#### **Environmental Review**

The project site is outside the view corridors that are protected under the Coastal Long Range Development Plan (CLRDP). The project consists of minor alterations to the existing Seymour Marine Discovery Center, including replacement of existing equipment with new equipment of the same size and purpose, in the same location; and installation of small new equipment in a small new structure. The project site is in an existing developed area and is not a hazardous waste site, and no historical or scenic resources would be affected. The project is categorically exempt from CEQA under Class 1, Existing Facilities, Class 2, Replacement or Reconstruction, and Class 3, New Construction or Conversion of Small Structures. None of the exceptions to these exemptions are present.



RECOMMENDED



June 25, 2019

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Traci Ferdolage  
Associate Vice Chancellor - Physical Planning, Development and Operations

Date

APPROVED



June 27, 2019

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Sarah C. Latham  
Vice Chancellor - Physical Planning, Development and Operations

Date

Attachments:

1. Project Design Plans
2. UC Environmental Impact Classification Form

Cc:

Traci Ferdolage, Associate Vice Chancellor  
Jolie Kerns, Interim Director of Campus Planning

**SECTION 3. Environmental Compliance Documentation**  
SMDC EMERGENCY GENERATOR REPLACEMENT NOID 11 19-2

Campus/Field Station/Division Santa Cruz

Project Account WO00411499

Project Title Seymour Marine Discovery Center Auxiliary Generator and Propane Tank

For purposes of compliance with the California Environmental Quality Act of 1970 (CEQA), and Amended University of California Procedures for Implementation of CEQA, this project has been reviewed and initially classified as indicated below. Please check (X) as appropriate. Include project description and appropriate local map with your submission.

I. EXEMPT FROM THE CALIFORNIA ENVIRONMENTAL QUALITY ACT OF 1970 - When it can be seen with certainty that there is no possibility the action will result in physical change to the environment (15061(b)(3)), or the action is specifically exempted by statute (15260-15285), the project is classified as generally exempt from CEQA. General/Statutory Exemption: § [Insert applicable CEQA Guidelines Section]

II. CATEGORICALLY EXEMPT - This project falls under the indicated Class(es) of Exemption(s), none of the exceptions to the exemption apply (15300.2), and there is no significant effect on the environment (for complete list see CEQA Guidelines Section 15300):

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Class 1: Existing Facilities                  | <input type="checkbox"/> Class 17: Open Space Contracts or Easements                         |
| <input checked="" type="checkbox"/> Class 2: Replacement or Reconstruction        | <input type="checkbox"/> Class 23: Normal Operation of Facilities for Public Gatherings      |
| <input checked="" type="checkbox"/> Class 3: New Construction or Small Structures | <input type="checkbox"/> Class 25: Transfer of Land: Natural Conditions/Historical Resources |
| <input type="checkbox"/> Class 4: Minor Alterations to Land                       | <input type="checkbox"/> Class 30: Minor Actions: Prevent Hazardous Waste/Substances         |
| <input type="checkbox"/> Class 6: Information Collection                          | <input type="checkbox"/> Class 31: Historical Resource Restoration/Rehabilitation            |
| <input type="checkbox"/> Class 11: Accessory Structures                           | <input type="checkbox"/> Class 32: In-Fill Development Projects                              |
| <input type="checkbox"/> Class 13: Acquisition for Conservation                   | <input type="checkbox"/> Class 33: Small Habitat Restoration Projects                        |
| <input type="checkbox"/> Class 16: Transfer of Land Ownership for Parks           | Other: <u>[If other, identify which class under Section 15300]</u>                           |

III. INITIAL STUDY - This project is not statutorily or categorically exempt from CEQA; an Initial Study is to be prepared to determine if the project may have a significant effect on the environment.

Stand-Alone  Tiered Initial Study (15152): [Identify EIR from which Initial Study is tiered]

IV. ENVIRONMENTAL IMPACT REPORT (EIR) - It is known that the project will have a direct or cumulatively significant effect on the environment and an EIR will be/has been prepared. Identify the type of EIR:

Programmatic  Stand-Alone (Project-Specific) [Identify EIR title]

Additional project analysis:

None/Findings Only  Addendum  Subsequent  Supplement to EIR: [Identify EIR from which document is tiered/based]

**PROJECT DESCRIPTION** - *[Insert brief project description, provide supporting documentation as appropriate.]*

Real estate transaction type:  Acquisition  Sale  Lease  Easement  License *[Include proposed use in project description below]*

The proposed project includes replacement of an existing diesel emergency generator with new natural gas/propane emergency generator, and installation of a 500-gallon propane storage tank. The new, 125 kW generator will be the same size as the existing generator and will be installed at the same location, within an existing outdoor storage yard attached to the southwest side of the Seymour building. The new generator will connect to an existing natural gas service located within the storage yard. The propane tank would be installed on a new concrete slab within a new, approximately 100-square-foot, fenced enclosure. The propane tank enclosure location is within a landscaped island surrounded by existing walkways and adjacent to a service parking area. New propane and vaporizer electric lines will be installed below grade beneath an existing sidewalk, between the propane tank and emergency generator. Bollards will be installed between the enclosure and adjacent service parking spaces. The project site is outside the view corridors that are protected under the CLRDP. The project consists of minor alterations to the existing Seymour Marine Discovery Center, including replacement of existing equipment with new equipment of the same size and purpose, in the same location; and installation of small new equipment in a small new structure. The project site is in an existing developed area and is not a hazardous waste site, and no historical or scenic resources would be affected. The project is categorically exempt from CEQA under Class 1, Existing Facilities, Class 2, Replacement or Reconstruction, and Class 3, New Construction or Conversion of Small Structures. None of the exceptions to these exemptions are present.

V. Does this project conform to the approved LRDP?  YES  NO  NA *[If NO or NA, include explanation in Project Description above]*

VI. Alisa Klaus June 5, 2019 SC Latham 6/6/2019  
Prepared by Date Local Approved by Sarah C. Latham Date

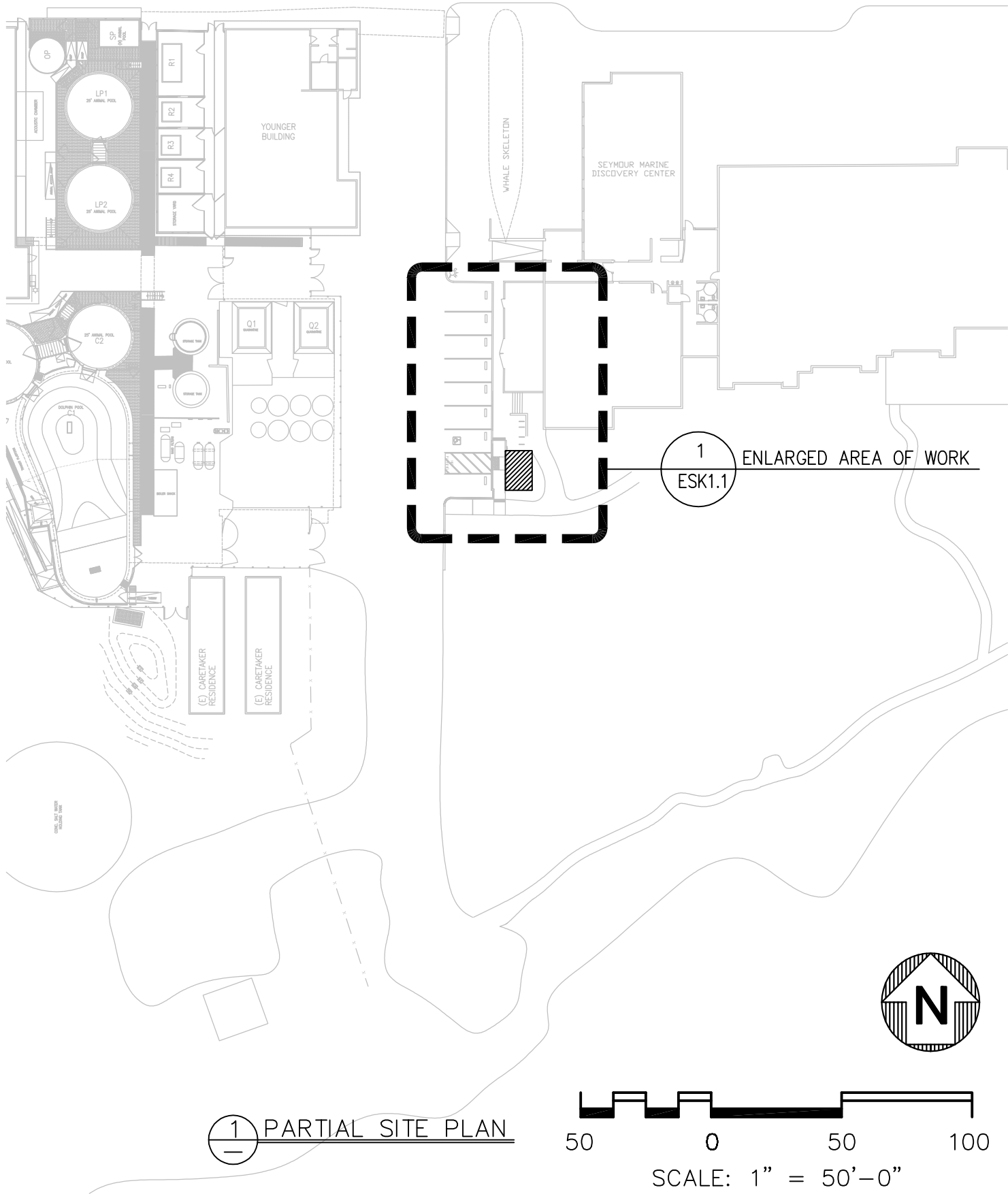
**VII. OFFICE OF THE PRESIDENT**

Concur with Classification  Do not concur with Classification

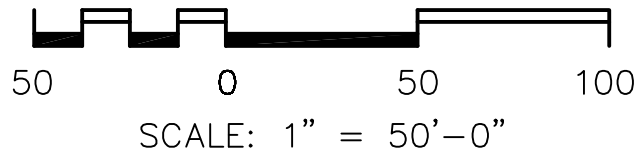
Signed \_\_\_\_\_ Date \_\_\_\_\_

**SECTION 4. Plans, Specifications, etc.**

SMDC EMERGENCY GENERATOR REPLACEMENT NOID 11 19-2



1 PARTIAL SITE PLAN



UCSC MARINE BIOLOGY  
EDUCATION CENTER

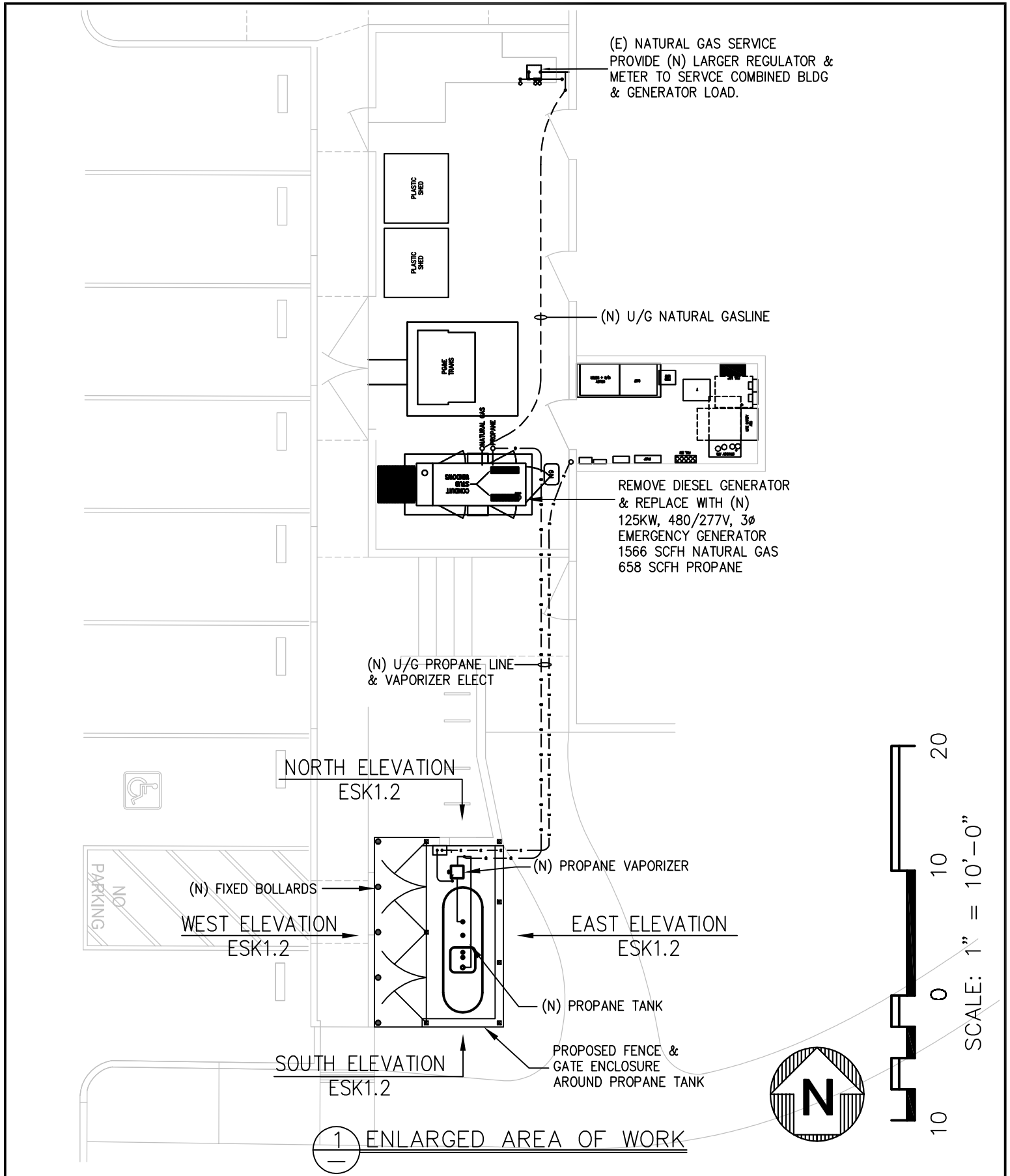
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| ENGR<br>DGS           | DR<br>SLM | REF DWG TITLE:<br>ELECTRICAL PROJECT SKETCH |                    |



**Central Pacific Engineering, Inc.**  
Professional Engineers  
9035 Soquel Ave, Suite 205  
Santa Cruz, CA 95062  
(831)476-1525

REF DWG NO.

**ESK1.0**



UCSC MARINE BIOLOGY  
EDUCATION CENTER

|                       |           |   |                    |
|-----------------------|-----------|---|--------------------|
| PROJ. NO.<br>18-024-0 |           | DATE<br>05/10/19                            | SCALE:<br>NO SCALE |
| ENGR<br>DGS           | DR<br>SLM | REF DWG TITLE:<br>ELECTRICAL PROJECT SKETCH |                    |



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(831)476-1525

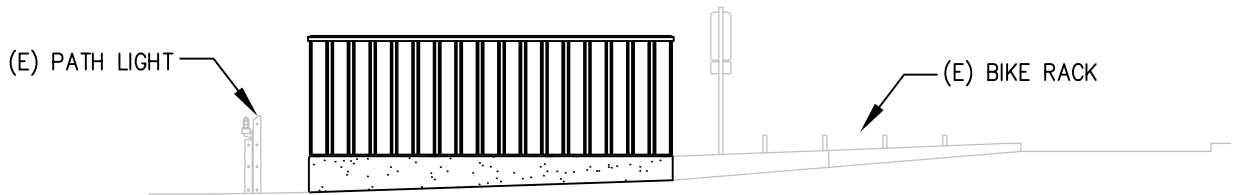
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**ESK1.1**



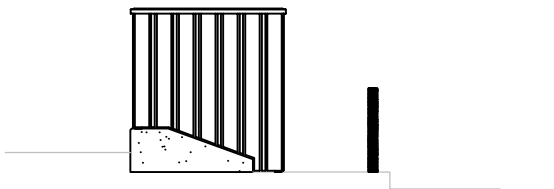
WEST ELEVATION

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



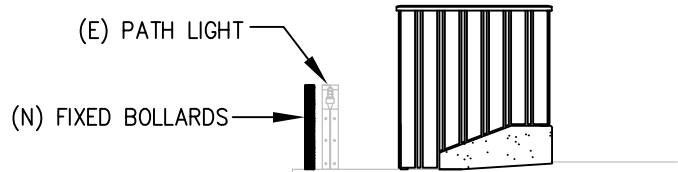
EAST ELEVATION

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



NORTH ELEVATION

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



SOUTH ELEVATION

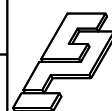
SCALE: 1/8" = 1'-0"



SCALE: 1" = 8'-0"

UCSC MARINE BIOLOGY  
EDUCATION CENTER

|                       |           |   |                    |
|-----------------------|-----------|---|--------------------|
| PROJ. NO.<br>18-024-0 |           | DATE<br>05/10/19                            | SCALE:<br>NO SCALE |
| ENGR<br>DGS           | DR<br>SLM | REF DWG TITLE:<br>ELECTRICAL PROJECT SKETCH |                    |



**Central Pacific Engineering, Inc.**  
Professional Engineers  
9035 Soquel Ave, Suite 205  
Santa Cruz, CA 95062  
(831)476-1525

REF DWG NO.

**ESK12**

SMDC Emergency Generator Replacement NOID 11 19-2

ATTACHMENT



Existing wood fencing at storage yard.



Non-combustible composite material example.

The fire code-required non-combustible fencing material would be composite and look similar to the aesthetic of the existing emergency generator storage enclosure and SMDC building.



**SECTION 5. Technical Reports**

N/A

**SECTION 6. Correspondence**

None to date

SMDC EMERGENCY GENERATOR REPLACEMENT NOID 11 19-2