

EMERGENCY PERMIT

15EMP-00000-00011



- Coastal Zone:**
Subject to the requirements of Section 35-171.2 of the Article II Coastal Zoning Ordinance and the policies of the Coastal Land Use Plan.

Case Name: Southern California Edison - Gaviota Substation
Emergency Back-up Generators

Case Number: 15EMP-00000-00011

Site Address: 16900 Calle Real, Gaviota, CA 93117

APN: 081-130-021

Applicant/Agent Name: Kevin Smith
6 Pointe Drive, 4th floor
Brea, CA 92821
714-514-2003

Owner Name: Southern California Edison

ZONING PERMIT
ISSUED
SANTA BARBARA COUNTY PLANNING & DEVELOPMENT

South County Office
123 E. Anapamu Street
Santa Barbara, CA 93101
(805) 568-2000

Energy Division
123 E. Anapamu Street
Santa Barbara, CA 93101
(805) 568-2040

North County Office
624 W. Foster Road
Santa Maria, CA 93454
(805) 934-6250

PERMIT APPROVAL:

This is to inform you that an Emergency Permit has been approved for:

The temporary installation of emergency backup generation equipment and related facilities (capable of producing approximately 19.5 MW of electricity) at Southern California Edison's Gaviota Substation, located in the Gaviota Area, Third Supervisorial District. The equipment and facilities will be installed in order to provide emergency back-up service if the anticipated 2015-2016 El Niño causes power outages. Unless there is an emergency, units will only be run to conduct testing and only during daylight hours to minimize ambient noise. The equipment and facilities to be temporarily installed, and associated site preparation, consist of the following:

- Fifteen (15) 10-foot by 40-foot containment berms and one (1) 10-foot by 30-foot containment berms located on the substation surface with one-foot-high walls;
- Five (5) 1500 kW diesel generators (L 20 feet, W 8 feet, H 8.5 feet) located on trailers in the containment berms;
- Six (6) 2000 kW diesel generators (L 40 feet, W 8 feet, H 8.5 feet) located on trailers in the containment berms;
- Nine (9) 2.5 MVA transformers (W 10 feet, D 6.5 feet, H 7 feet) located in the containment berms;
- Two (2) 12 kV switchgears located on the substation surface;
- Eleven (11) 2,300-gallon diesel fuel tanks (L 10 feet, W 8 feet, H 8 feet) located in the containment berms;
- Conductors for grounding equipment to existing SCE ground grid located below grade;
- Running of cable and fuel hose connections;
- Installation of K-rails, check dams, and gravel bag berms to divert flows away from equipment;
- One (1) 66/12 kV 28 MVA "B Bank" (L 16 feet, W 13 feet, H 15.5 feet) and related foundation;
- One (1) circuit breaker (L 4 feet, W 4 feet, H 11 feet) and related foundation;
- 120 feet of new three-inch conduit approximately three feet underground to connect circuit breaker and transformer; and
- Conductors for grounding equipment to existing SCE ground grid located below grade.

Equipment set-up would occur through the end of December 2015, with work expected to occur 10 hours a day, seven days a week. The newly installed equipment related to emergency back-up generation would remain at the Gaviota Substation until the end of the El Niño season, approximately May 2016, unless the units are in operation for a more extended period due to the need to support emergency repairs of the electric system.

The emergency permit also allows for localized, minor repairs to the asphalt of the private access road servicing the substation, as well as the filling of sinkholes adjacent to an existing, failing

concrete drainage swale located along the southern edge of the substation. A temporary earthen swale will be installed on the substation site to direct drainage away from the failing, concrete swale. All earth disturbances will occur above depths previously disturbed. Installation and operation of the aforementioned temporary equipment and facilities, as well as work associated with the aforementioned repairs, shall incorporate appropriate best management practices.

The National Oceanic and Atmospheric Administration (NOAA) has observed atmospheric and oceanic anomalies indicating a strong El Niño through winter 2015-2016 in the Northern Hemisphere. With above average precipitation possible, Southern California Edison (SCE) anticipates emergency storm events may result in prolonged outages to the communities served by SCE's Goleta area electric system. SCE is proposing contingencies for backup generation in the emergency event that regular sources of generation and transmission become unavailable to the area.

Therefore, in the interest of public safety, this situation constitutes an emergency in accordance with the applicable zoning ordinance indicated above and immediate action is warranted. As the required findings (listed below) can be made, the emergency work is hereby approved, subject to compliance with the attached conditions of approval. This permit is not valid until signed by the owner/applicant and subsequently issued by the Planning and Development Department upon verification that all conditions of approval requiring action prior to permit issuance are satisfied.

Sincerely,



Alice McCurdy
Deputy Director

APPROVAL DATE: December 11, 2015

OWNER/APPLICANT AGREEMENT:

The undersigned permittee acknowledges receipt of this permit and agrees to abide by all terms and conditions of approval incorporated herein. The undersigned also acknowledges and agrees that:

- This Emergency Permit provides only temporary authorization for the proposed action and other applicable permits (such as a Conditional Use Permit, Coastal Development Permit, Land Use Permit, Building Permit) are required by law to validate the emergency work as permanent.
- Any evidence or findings contained herein, or upon which this permit relies, shall not constitute any limitation on the authority of the County of Santa Barbara to issue, grant, deny, rescind, or revoke this permit or any future permit(s) required for the activities described herein, or on the authority of the County of Santa Barbara to analyze, mitigate, or condition any future permit(s) required for the activities described herein.
- This permit does not authorize any work or construction activities outside of the scope of the project as indicated in the project description, conditions of approval and approved plans.
- This permit shall not be construed to authorize any violation of County ordinance or policy, or the violation of any State or Federal regulation.

Kevin Smith [Signature] 12/11/2015
Print Name Signature Date

PERMIT ISSUANCE:

Ryan Cooksey [Signature] 12/11/15
Print Name Signature Date

FINDINGS OF APPROVAL:

1. The approval of this project shall not be held to permit or to be an approval of a violation of any provision of any County Ordinance or State Law.
2. In compliance with Section 35-171.5.2 of the Article II Zoning Ordinance, prior to the approval or conditional approval of an application for an Emergency Permit the Director shall first make all of the following findings, as applicable:

- a. An emergency exists and requires action more quickly than provided for by the procedures for permit processing, and the action will be completed within 30 days unless otherwise specified by the terms of the permit.*

The National Oceanic and Atmospheric Administration (NOAA) has observed atmospheric and oceanic anomalies indicating a strong El Niño through winter 2015-2016 in the Northern Hemisphere. With above average precipitation possible, Southern California Edison (SCE) anticipates emergency storm events may result in prolonged outages to the communities served by SCE's Goleta area electric system. Approval and issuance of this emergency permit will allow for temporary power generation in the emergency event that regular sources of generation and transmission become unavailable to the Goleta area electric system.

El Niño storm events may occur in the Santa Barbara area by the end of December 2015. Accordingly, the normal permit processing path does not allow sufficient time to install the necessary equipment and facilities for emergency back-up power generation prior to the potential onset of El Niño. All work associated with this emergency permit will be completed by the end of December 2015, less than 30 days from the date of permit issuance.

- b. Public comment on the proposed emergency action has been reviewed.*

Due to the time sensitive nature of the temporary installation of equipment and facilities for emergency power generation, time does not allow for public comment on the Emergency Permit itself since immediate action is warranted to reduce the safety risks associated with power outages. Per Article II, Section 35-171.5.1, noticing is not required to precede commencement of emergency work. Accordingly, the noticing requirements for the subject emergency permit (as defined by Article II, Section 35-171-.5.1) shall be satisfied subsequent to the approval and issuance of the subject Emergency Permit. Moreover, the processing of the Coastal Development Permit required to validate the installation of emergency backup generation equipment and related facilities, as well as associated access and site improvements, will provide opportunity for public comment.

- c. The action proposed is consistent with the requirements of the Coastal Land Use Plan and Coastal Zoning Ordinance.*

The proposed action is consistent with the policies of the Coastal Land Use Plan and the requirements of the Article II Coastal Zoning Ordinance. The applicant shall submit an

application for a Coastal Development Permit for the installation of emergency backup generation equipment and related facilities, as well as associated access and site improvements, within 30 days of issuance of the subject Emergency Permit.

3. This action is not subject to the provisions of the California Environmental Quality Act, pursuant to State CEQA Guidelines Section 15269, statutory exemption for emergency projects.

EMERGENCY PERMIT CONDITIONS OF APPROVAL

1. This Emergency Permit is based upon and limited to compliance with the project description, and the conditions of approval set forth below. Any deviations from the project description or conditions must be reviewed and approved by the County for conformity with this approval. Deviations without the above-described approval will constitute a violation of permit approval. If it is determined that project activity is occurring in violation of any or all of the following conditions, the Director of Planning and Development may revoke this permit and all authorization for development. The decision of the Director to revoke the Emergency Permit may be appealed to the Planning Commission.

The project description is as follows:

The temporary installation of emergency backup generation equipment and related facilities (capable of producing approximately 19.5 MW of electricity) at Southern California Edison's Gaviota Substation, located in the Gaviota Area, Third Supervisorial District. The equipment and facilities will be installed in order to provide emergency back-up service if the anticipated 2015-2016 El Niño causes power outages. The equipment and facilities to be temporarily installed, and associated site preparation, consist of the following:

- Fifteen (15) 10-foot by 40-foot containment berms and one (1) 10-foot by 30-foot containment berms located on the substation surface with one-foot-high walls;
- Five (5) 1500 kW diesel generators (L 20 feet, W 8 feet, H 8.5 feet) located on trailers in the containment berms;
- Six (6) 2000 kW diesel generators (L 40 feet, W 8 feet, H 8.5 feet) located on trailers in the containment berms;
- Nine (9) 2.5 MVA transformers (W 10 feet, D 6.5 feet, H 7 feet) located in the containment berms;
- Two (2) 12 kV switchgears located on the substation surface;
- Eleven (11) 2,300-gallon diesel fuel tanks (L 10 feet, W 8 feet, H 8 feet) located in the containment berms;
- Conductors for grounding equipment to existing SCE ground grid located below grade;
- Running of cable and fuel hose connections;

- **Installation of K-rails, check dams, and gravel bag berms to divert flows away from equipment;**
- **One (1) 66/12 kV 28 MVA “B Bank” (L 16 feet, W 13 feet, H 15.5 feet) and related foundation;**
- **One (1) circuit breaker (L 4 feet, W 4 feet, H 11 feet) and related foundation;**
- **120 feet of new three-inch conduit approximately three feet underground to connect circuit breaker and transformer; and**
- **Conductors for grounding equipment to existing SCE ground grid located below grade.**

Equipment set-up would occur through the end of December 2015, with work expected to occur 10 hours a day, seven days a week. The newly installed equipment related to emergency back-up generation would remain at the Gaviota Substation until the end of the El Niño season, approximately May 2016, unless the units are in operation for a more extended period due to the need to support emergency repairs of the electric system.

The emergency permit also allows for localized, minor repairs to the asphalt of the private access road servicing the substation, as well as the filling of sinkholes adjacent to an existing, failing concrete drainage swale located along the southern edge of the substation. A temporary earthen swale will be installed on the substation site to direct drainage away from the failing, concrete swale. All earth disturbances will occur above depths previously disturbed. Installation and operation of the aforementioned temporary equipment and facilities, as well as work associated with the aforementioned repairs, shall incorporate appropriate best management practices.

2. An application(s) for the required permits necessary to validate the emergency work as permanent shall be submitted by the applicant to the Planning and Development Department no later than 30 days following the issuance of this Emergency Permit. The permits required for the proposed emergency work include a Minor Conditional Use Permit (pursuant to Section 35-169 of the Article II, Coastal Zoning Ordinance) and/or a Coastal Development Permit (pursuant to Section 35-172 of the Article II Coastal Zoning Ordinance).
3. Any materials required for a completed application, as identified in the initial review of the original application required pursuant to Condition #2 above, shall be submitted within 90 days after written notification of the application deficiencies is provided to the applicant. This time period may be extended by the Director of Planning and Development.
4. Only that emergency work specifically requested and deemed an emergency for the specific property mentioned is authorized. Any additional emergency work requires separate authorization from the Director of Planning and Development. The work authorized by this permit must be commenced within 30 days of the date of issuance of the permit and completed within 30 days after the beginning of construction. If construction activities are proposed by the applicant to commence after 30 days, separate authorization by the Director of P&D is required.
5. This permit does not preclude the necessity to obtain authorization and/or permits from other County Departments or other agencies.

6. The Director of Planning and Development may order the work authorized under this emergency permit to stop immediately if it is determined that unanticipated and substantial adverse environmental effects may occur with continued construction.
7. **Erosion and Sediment Control Plan.** An Erosion and Sediment Control Plan (ESCP) shall be implemented as part of the project. The ESCP shall incorporate Best Management Practices, be designed to minimize erosion during construction, protect natural watercourses/creeks, and convey storm water runoff to existing drainage systems keeping contaminants and sediments onsite. The ESCP shall be implemented for the duration of construction. **PLAN REQUIREMENTS:** The ESCP shall be depicted on construction plans. **TIMING:** The Owner/Applicant shall install the ESCP prior to commencement of construction.
8. **Best Management Practices - Installation and Operation of Emergency Back-up Power Generation Equipment and Facilities.** As stated in the application materials for the subject Emergency Permit (submitted December 11, 2015), the installation and operation of facilities and equipment allowed under the subject emergency permit shall incorporate the following Best Management Practices:
 - Fueling and oil change maintenance procedures that will prevent fuel or oil from dripping on the ground;
 - Spill kits will be located adjacent to berms;
 - Personnel will be onsite at all times that the units are operated;
 - An emergency cutoff switch exists to stop unit operation and fuel flow if there should be a leak;
 - Berms will be kept free of standing water;
 - A vacuum truck will be used to remove water if there is a visible sheen;
 - A temporary rainwater swale will be constructed to direct rainwater away from the units;
 - Unless there is an emergency, units will only be run to conduct testing and only during daylight hours to minimize ambient noise; and
 - Other best management practices include limiting vehicle speed to control dust, watering project areas as required to control dust, placing gravel bags and k-rails to control substation drainage, and staging substation equipment and material in stabilized areas.**PLAN REQUIREMENTS:** The language of this condition shall be included on construction plans.
9. **Equipment Storage-Construction.** The Owner/Applicant shall designate a construction equipment filling and storage area(s) to contain spills, facilitate clean-up and proper disposal and prevent contamination from discharging to the storm drains, street, drainage ditches, creeks, or wetlands. The areas shall be no larger than 50 x 50 foot unless otherwise approved by P&D and should be located at least 100 feet from any storm drain, waterbody or sensitive biological resources. **PLAN REQUIREMENTS:** The Owner/Applicant shall designate storage area(s) on construction plans. **TIMING:** The Owner/Applicant shall install the area prior to commencement of construction.

10. **Equipment Washout-Construction.** The Owner/Applicant shall designate a washout area(s) for the washing of concrete trucks, paint, equipment, or similar activities to prevent wash water from discharging to the storm drains, street, drainage ditches, creeks, or wetlands. Note that polluted water and materials shall be contained in this area and removed from the site as necessary. The area should be located at least 100 feet from any storm drain, waterbody or sensitive biological resources. **PLAN REQUIREMENTS:** The Owner/Applicant shall designate the washout area(s) location on construction plans. **TIMING:** The Owner/Applicant shall install the area prior to commencement of construction.

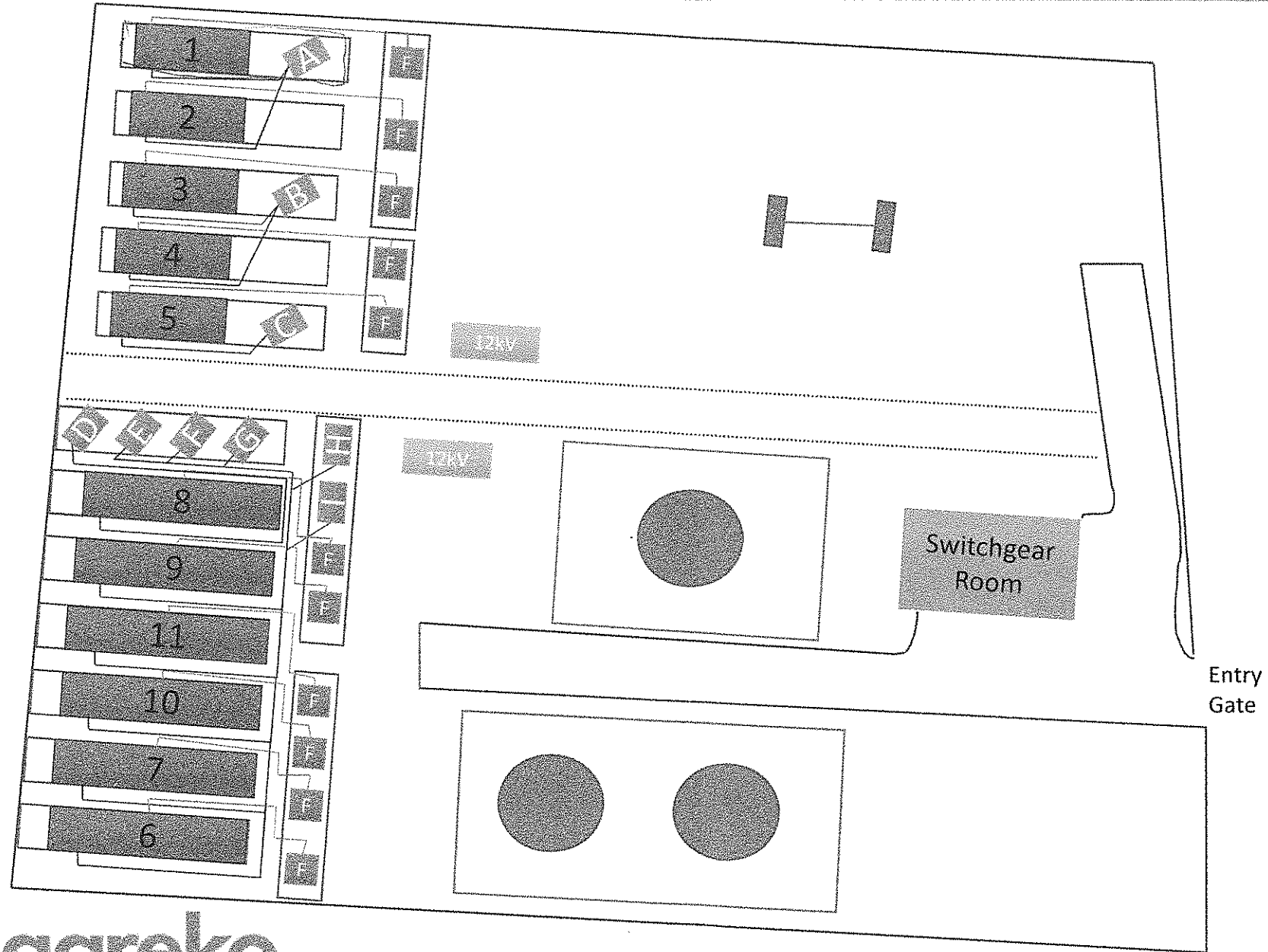
11. **Onsite Construction Parking.** All construction-related vehicles, equipment staging and storage areas shall be located onsite and outside of the road and highway right of way. The Owner/Applicant shall provide all construction personnel with a written notice of this requirement and a description of approved parking, staging and storage areas. The notice shall also include the name and phone number of the Owner/Applicant's designee responsible for enforcement of this restriction. **PLAN REQUIREMENTS:** Designated construction personnel parking area(s) shall be depicted on construction plans.

Attachments:

A. Site Plans

cc: Supervisor Farr, Third Supervisorial District
P&D Deputy Director
Supervising Planner, P&D
Coastal Program Analyst, Calif. Coastal Comm., 89 S. California Street, Ventura CA 93001

Gaviota Project Overview



aggreko

ZONING
APPROVED
DEC 11 2015
PLANNER:
S.B. PLANNING & DEVELOPMENT

PROJECT ADDRESS:
16900 CALLE REAL,
CANTOIA, CA

SUPERVISING ENGINEER:
GENEVEVE KURD
SOUTHERN CALIFORNIA EDISON
ONE INNOVATION WAY
POMONA, CA 91768
OFFICE: (909) 274-1478
EMAIL: GENEVEVE.KURD@SCE.COM

CIVIL ENGINEERING CONTACT:
LOUIE MERCURIO, P.E.
RCE #75985 STATE OF CALIFORNIA
SOUTHERN CALIFORNIA EDISON
ONE INNOVATION WAY
POMONA, CA 91768
OFFICE: (909) 274-1462
EMAIL: LOUIE.MERCURIO@SCE.COM

GEOTECHNICAL GROUP CONTACT:
ESAM ABRAHAM, P.E., G.E.
RCE #5481 STATE OF CALIFORNIA
SOUTHERN CALIFORNIA EDISON
ONE INNOVATION WAY
POMONA, CA 91768
OFFICE: (909) 274-1446
EMAIL: ESAM.ABRAHAM@SCE.COM



An EDISON INTERNATIONAL Company

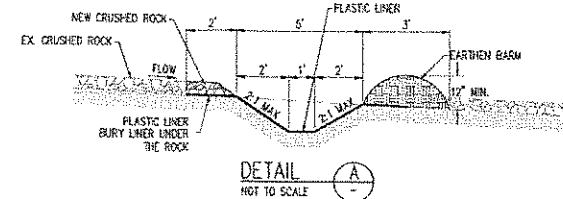
SOUTHERN CALIFORNIA EDISON SITE IMPROVEMENT PLAN FOR GAVIOTA SUBSTATION County of Santa Barbara

DRAWING INDEX

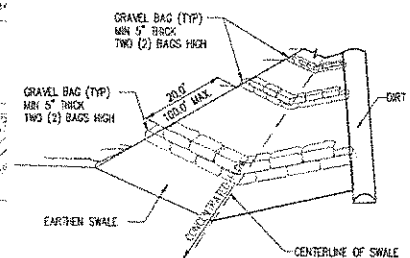
SHEET NUMBER	DRAWING NUMBER	SHEET TITLE
TEMP-1	55XXXXX-0	TEMPORARY DRAINAGE MITIGATION PLAN

TEMPORARY CONSTRUCTION NOTES: Q'TY

- ① CONSTRUCT TEMPORARY EARTHEN SWALE PER DETAIL A BELOW..... 235 LF
- ② PROVIDE TEMPORARY CHECK DAMS PER DETAIL B BELOW..... 106 CY
- ③ POUR CONCRETE SLURRY MAX TO SHOULDER (FIELD LOCATE). CONCRETE SLURRY SPECIFICATIONS IS PROVIDED BELOW..... 106 CY
- ④ CONSTRUCT 3'-6" STAKE RIPPAP ENERGY DISSIPATOR..... 50 SF



DETAIL A
NOT TO SCALE



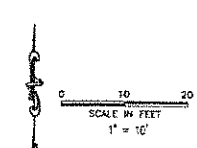
DETAIL B
NOT TO SCALE

CONCRETE SLURRY FILL SPECIFICATIONS:
Flowable Fill Mix:

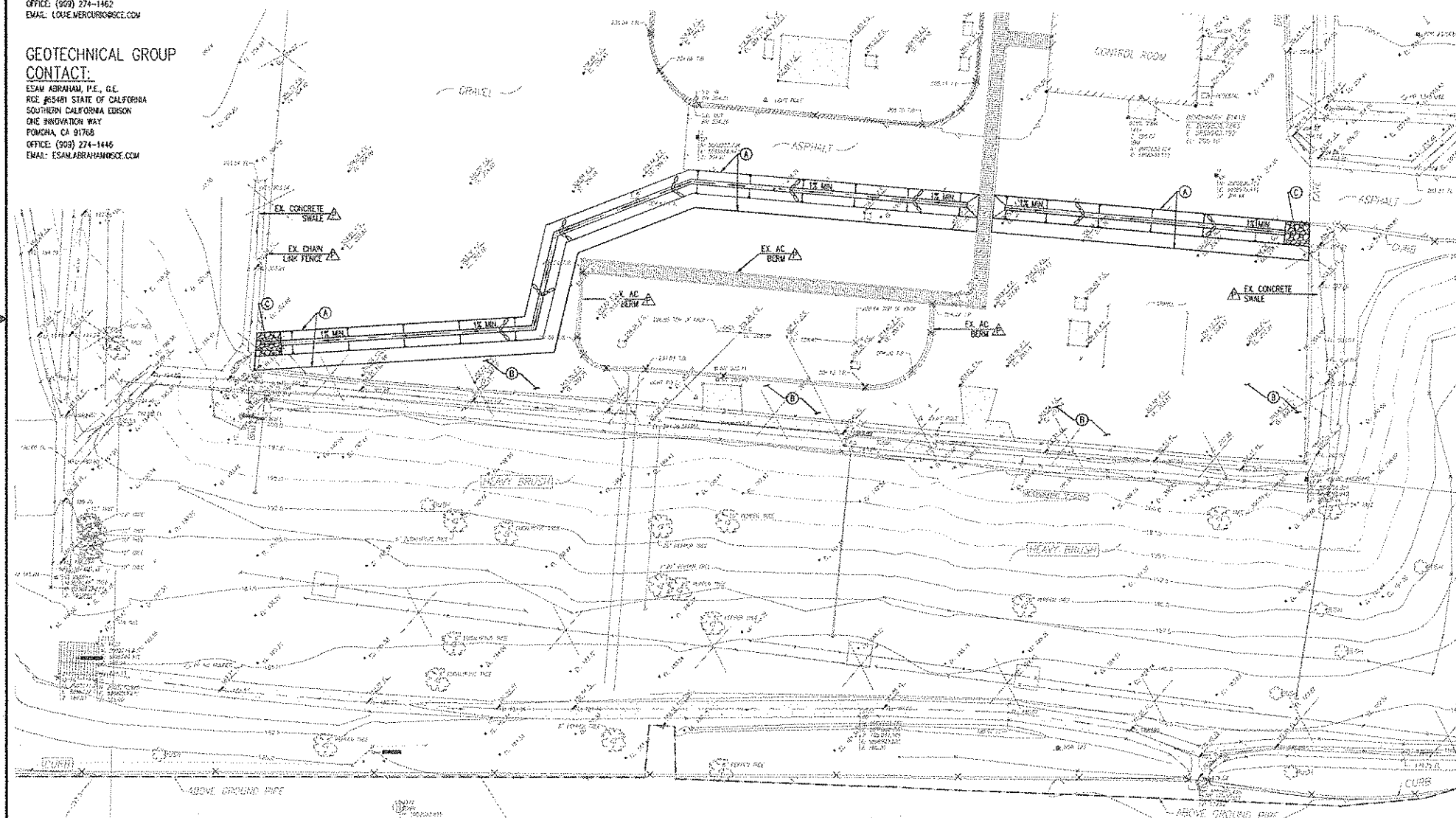
- Slump: 10"
- Maximum aggregate size: No. 4
- Minimum strength: 60 psi
- Maximum water/cement: 2.5 lbs/lb
- Minimum cement: 94 lbs/cy³
- Type II cement

NOTE TO CONTRACTOR:

1. THE CONTRACTOR SHALL DISPOSE OF ALL CONSTRUCTION DEBRIS AT AN APPROVED EDISON DISPOSAL FACILITY AFTER ALL ENVIRONMENTAL CLEARANCES HAVE BEEN MET. CLEARANCE MAY INCLUDE THE TESTING OF DEBRIS AND APPROVAL FROM SCE CORPORATE ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT.
2. CONTRACTOR TO PROVIDE TEMPORARY FENCING FOR SUBSTATION SECURITY DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE TO MAKE SURE THE GATE IS LOCKED AND SECURED AFTER WORKING HOURS.
4. COORDINATE WITH MAINTENANCE AND OPERATIONS FOR DAY TO DAY SITE OPERATIONS. CONTACT MARK VENNEMAN (561) 733-3529 OR WARREN FREEMAN (805) 659-4711 FOR QUESTIONS.



Underground Service Alert
Call: TOLL FREE
1-800-422-4133
10 WORKING DAYS BEFORE YOU DIG
* REVISION ON AUTOGUARD SYSTEM ONLY *



REFERENCE DRAWING	NO.	REVISIONS	DATE	SAP NO	SUPV	APPROVED	ENGR	EXT	MADE	P.C.	NO.	ISSUED FOR CONSTRUCTION	DATE	SAP NO	SUPV	APPROVED	ENGR	EXT	MADE	P.E.		
												0	9/16/2015									

LOCATION: GAVIOTA SUBSTATION
SHEET NO. **C-X**
TEMPORARY DRAINAGE MITIGATION PLAN
SCALE: AS SHOWN
1 OF 1

ZONING APPROVED

55XXXXX-0 DEC 01 2015

PLANNING & DEVELOPMENT
S.B. PLANNING & DEVELOPMENT