

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



December 4, 2014

Advice Letter 4705-G

Rasha Prince, Director
Regulatory Affairs
Southern California Gas
555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011

**SUBJECT: Request for Approval of a Grant of Easement to SDG&E's Pursuant to PUC
Section 851 and G.O. 173**

Dear Ms. Prince:

Advice Letter 4705-G is effective as of November 30, 2014.

Sincerely,

A handwritten signature in cursive script that reads "Edward F. Randolph".

Edward F. Randolph, Director
Energy Division



Rasha Prince
Director
Regulatory Affairs

555 W. Fifth Street, GT14D6
Los Angeles, CA 90013-1011
Tel: 213.244.5141
Fax: 213.244.4957
RPrince@semprautilities.com

October 31, 2014

Advice No. 4705
(U 904G)

Public Utilities Commission of the State of California

Subject: Request for Approval of a Grant of Easement to SDG&E Pursuant to Public Utilities Code Section 851 and General Order 173

Southern California Gas Company ("SoCalGas") respectfully requests approval from the California Public Utilities Commission ("Commission" or "CPUC") under Public Utilities Code Section 851 ("Section 851") and General Order 173 ("GO 173") to convey an easement and right-of-way to San Diego Gas & Electric Company ("SDG&E") in the form and on the terms and conditions set forth in the proposed form of Easement included herewith as Attachment A (the "Proposed Easement Deed").

SoCalGas believes that the conveyance of the Easement to SDG&E will not affect SoCalGas' use and operation of any of its other property or facilities, and the transaction will not have any impact on ratebase or affect the ability of the utility to serve its customers or the public.

BACKGROUND

SoCalGas owns certain real property located at 34271 Del Obispo Street, in the City of Dana Point, California, consisting of approximately 1.03 acres and designated as Orange County Assessor's Parcel Number 121-340-68 (the "Property"). SoCalGas operates a natural gas valve station on the Property.

SDG&E has requested, and SoCalGas has approved (subject to CPUC's approval requested herein), the conveyance of an easement (the "Easement") from SoCalGas to SDG&E over the Property for purposes of installing and maintaining a 1200 kVAR pad-mounted capacitor and supervisory control and data acquisition system (SCADA) antenna pole, all as more particularly described in the Proposed Easement Deed included herewith as Attachment A and the drawings and photos included herewith as Attachment B ("Drawings and Photos").

The Easement area is approximately 23.5 feet by 6.5 feet located along the southeasterly perimeter of the Property adjacent to the northerly border of Del Obispo Street. SoCalGas has evaluated the potential impacts to its use of the Property, including, without limitation, the potential for induced voltage. SoCalGas has concluded that, based upon the current use of the Property, no additional mitigation measures have been identified. The parties will, however, measure the pipe to soil AC voltage upon completion of SDG&E's installation and, if excess voltage is determined to exist, SoCalGas will provide SDG&E with an appropriate mitigation plan.

Due to the size, location, use and configuration of the Easement and the nature and current use of the Property, the Property and SoCalGas' operations thereon will not be adversely impacted by the Easement. The conveyance of the Easement will not have an adverse effect on the public interest or the ability of SoCalGas to provide safe and reliable service to its customers at reasonable rates.

INFORMATION REQUIRED UNDER RULES 3 AND 4 OF GO 173

A. Rule 3 Requirements: SoCalGas is permitted to file this advice letter seeking Commission approval under Section 851 because the company believes it has satisfied the eligibility requirements set forth in Rule 3 of GO 173 as follows:

3a: The activity proposed in the transaction will not require environmental review by the Commission as a Lead Agency under California Environmental Quality Act (CEQA).

SoCalGas believes this transaction is not a "project" under CEQA pursuant to CEQA Guidelines Section 15378. If, however, the Commission were to determine this transaction is a project under CEQA, then SoCalGas believes that the Categorical Exemption set forth in CEQA Guidelines Section 15061(b)(3) applies. No other governmental agency is a CEQA lead or CEQA responsible agency for purposes of this transaction, and SoCalGas is not aware of any other discretionary or ministerial permits required in order to complete the conveyance of the Easement.

3b: The transaction will not have an adverse effect on the public interest or on the ability of the utility to provide safe and reliable service to customers at reasonable rates.

The Easement area impacts a relatively small portion of the Property and is located in a place and manner that will not adversely impact SoCalGas' use of the Property. Following installation of the SDG&E improvements within the Easement, SoCalGas will confirm that the pipe to soil voltage is within acceptable safety limits or provide a mitigation plan to SDG&E. The permitted uses under the Easement will not otherwise interfere with or adversely impact

SoCalGas' operations on the Property or its ability to provide safe and reliable service to its customers at reasonable rates.

- 3c. Any financial proceeds from the transaction will be either booked to a memorandum account for distribution between shareholders and ratepayers during the next general rate case or be immediately divided between shareholders and ratepayers based on a specific distribution formula previously approved by the Commission for that utility.**

The financial proceeds received by SoCalGas from the sale of an easement in the Property will be handled in accordance with the policy for the allocation of gains and losses on the sale of utility assets adopted in the Commission's Gain on Sale Rulemaking in D.06-05-041. SoCalGas will credit the ratepayer's 67% allocation of the gain on sale to the Gain/Loss on Sale Memorandum Account. The gain is computed as the net proceeds received from the sale of an easement in the property less the acquisition cost of an easement in the property and income taxes (i.e., at the combined federal and statutory income tax factor) on the sales transaction.

- 3d. If the transaction results in a fee interest transfer of real property, the property does not have a fair market value in excess of \$5 million.**

Not applicable. The transaction does not result in a fee interest transfer of real property.

- 3e. If the transaction results in a sale of a building, the building does not have a fair market value in excess of \$5 million.**

Not applicable. The transaction does not result in a sale of a building.

- 3f. If the transaction is for the sale of depreciable assets, the assets do not have a fair market value in excess of \$5 million.**

Not applicable. The transaction does not involve a sale of depreciable assets.

- 3g. If the transaction is a lease or a lease-equivalent, the total net present value of the lease payments, including any purchase option, does not have a fair market value in excess of \$5 million, and the term of the lease will not exceed 25 years.**

Not applicable. The transaction does not involve a lease or lease-equivalent.

- 3h. If the transaction conveys an easement, right-of-way, or other less than fee interest in real property, the fair market value of the easement, right-of-way, or other interest in the property does not exceed \$5 million.**

The transaction conveys an easement with a fair market value of only \$5,000.

3i. *The transaction will not materially impact the ratebase of the utility.*

This transaction will not impact the SoCalGas ratebase, given the nominal asset value of the Easement.

3j. *If the transaction is a transfer or change in ownership of facilities currently used in regulated utility operations, the transaction will not result in a significant physical or operational change in the facility.*

Not applicable. The transaction does not transfer or change ownership of facilities currently used in regulated utility operations.

3k. *The transaction does not warrant a more comprehensive review that would be provided through a formal Section 851 application.*

Given the nominal value and nature of the asset, this transaction does not warrant a more-comprehensive review under Section 851. Moreover, this transaction is typical of transaction for which GO 173 was developed.

B. Rule 4 Requirements: Rule 4 of GO 173 requires that the following information be included in this submission:

4a. *Identity and addresses of all parties to the proposed transaction.*

“SoCalGas”

Southern California Gas Company
555 W. Fifth Street
Los Angeles, CA 90013

“SDG&E”

San Diego Gas & Electric Company
8335 Century Park Court
San Diego, CA 92123

4b. *A complete description of the property, including its present location, condition, and use.*

The Property underlying the Easement consists of approximately 1.03 acres of improved real property in the City of Dana Point, Orange County, California and is currently used by SoCalGas as a natural gas valve station. The Easement area is approximately 23.5 feet by 6.5 feet located along the southeasterly

perimeter of the Property adjacent to the northerly border of Del Obispo Street. The Easement is described and depicted in Exhibit A to the Proposed Easement Deed included herewith as Attachment A and shown in the Drawings and Photos included herewith as Attachment B.

4c. The transferee's intended use of the property.

SDG&E will install and maintain a 1200 kVAR pad-mounted capacitor and supervisory control and data acquisition system (SCADA) antenna within the Easement, all as more particularly described in the Proposed Easement Deed included herewith as Attachment A and the Drawings and Photos included herewith as Attachment B.

4d. A complete description of the financial terms of the proposed transaction.

SDG&E shall pay SoCalGas total consideration of \$5,000 on or about the date of execution of the Proposed Easement Deed.

4e. A description of how the financial proceeds of the transaction will be distributed.

The financial proceeds received by SoCalGas from the sale of an easement in the Property will be handled in accordance with the policy for the allocation of gains and losses on the sale of utility assets adopted in the Commission's Gain on Sale Rulemaking in D.06-05-041. SoCalGas will credit the ratepayer's 67% allocation of the gain on sale to the Gain/Loss on Sale Memorandum Account. The gain is computed as the net proceeds received from the sale of an easement in the property less the acquisition cost of an easement in the property and income taxes (i.e., at the combined federal and statutory income tax factor) on the sales transaction.

4f. A statement on the impact of the transaction on ratebase and any effect on the ability of the utility to serve customers and the public.

The Easement area impacts a relatively small portion of the Property and is located in a place and manner that will not adversely impact SoCalGas' use of the Property. The permitted uses under the Easement will not otherwise interfere with or adversely impact SoCalGas' operations on the Property. Accordingly, the transaction will not have any impact on ratebase and will not have any effect on the ability of the utility to serve its customers or the public.

4g. For sales of real property and depreciable assets, the original cost, present book value, and present fair market value, and a detailed description of how the fair market value was determined (e.g., appraisal).

Not applicable. The transaction does not involve the sale of real property or a depreciable asset.

4h. For leases of real property, the fair market rental value, a detailed description of how the fair market rental value was determined, and any additional information necessary to show compliance with Rule 3(g) above.

Not applicable. The transaction does not involve a lease.

4i. For easements or rights-of-way, the fair market value of the easement or right-of-way and a detailed description of how the fair market value was determined.

The consideration of \$5,000 payable by SDG&E for the Easement represents the value the parties have agreed upon based upon their respective knowledge of the marketplace and the asset, their willingness to enter into the transaction and the fact that there will be no interference with the use and operation of the SoCalGas' Property as a result of the grant of Easement.

4j. A complete description of any recent past (within the prior two years) or anticipated future transactions that may appear to be related to the present transaction, such as sales or leases of interests in the same real property or real property that is located near the property at issue or that are being transferred to the same transferee; or for depreciable assets, sales of similar assets or sales to the same transferee.

There are no recent past or anticipated future transactions that may appear to be related to the conveyance of the Easement.

4k. Sufficient information and documentation (including environmental documentation) to show that all of the eligibility criteria stated in Rule 3 above have been met.

As set forth above, SoCalGas believes that all applicable eligibility criteria stated in Rule 3 have been satisfied.

4l. The filing utility may submit additional information to assist in the review of the advice letter, including recent photographs, scaled maps, drawings, etc.

Please see the Proposed Easement Deed, a copy of which is included herein as Attachment A. Also included herewith as Attachment B is a copy of the drawings and photos of the location of the Easement and the proposed improvements to be installed thereon.

4m. Environmental Information: If the applicant believes that the transaction is not a Project under CEQA, the applicant shall include an explanation of its position.

SoCalGas believes this transaction is not a “project” under CEQA pursuant to CEQA Guidelines Section 15378. If, however, the Commission were to determine this transaction is a project under CEQA, then SoCalGas believes that the Categorical Exemption set forth in CEQA Guidelines Section 15061(b)(3) applies. No other governmental agency is a CEQA lead or CEQA responsible agency for purposes of this transaction, and SoCalGas is not aware of any other discretionary or ministerial permits required in order to complete the conveyance of the Easement.

Protest

Anyone may protest this advice letter to the Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and must be received within 20 days of the date of this advice letter, which is November 20, 2014. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is given below.

CPUC Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102

Copies of the protest should also be sent via e-mail to the attention of the Energy Division Tariff Unit (EDTariffUnit@cpuc.ca.gov). A copy of the protest should also be sent via both e-mail and facsimile to the address shown below on the same date it is mailed or delivered to the Commission.

Attn: Sid Newsom
Tariff Manager - GT14D6
555 West Fifth Street
Los Angeles, CA 90013-1011
Facsimile No. (213) 244-4957
E-mail: snewsom@SempraUtilities.com

For questions, please contact Michelle Meghrouni at (213) 244-4809 or by electronic mail at: mmeghrouni@semprautilities.com.

Effective Date

SoCalGas believes that this filing is subject to Energy Division disposition and should be classified as Tier 2 (effective after staff approval) pursuant to GO 96-B. SoCalGas respectfully requests that this filing be approved on November 30, 2014, which is 30 calendar days from the date filed.

Notice

A copy of this advice letter is being sent to SoCalGas' GO 96-B service list. Address change requests to the GO 96-B should be directed by electronic mail to tariffs@socalgas.com or call 213-244-3387.

Rasha Prince
Director- Regulatory Affairs

Attachments

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No. **SOUTHERN CALIFORNIA GAS COMPANY (U 904G)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Sid Newsom

Phone #: (213) 244-2846

E-mail: SNewsom@semprautilities.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas
PLC = Pipeline HEAT = Heat WATER = Water

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 4705

Subject of AL Request for Approval of a Grant of Easement to SDG&E Pursuant to Public Utilities Code Section 851 and General Order 173

Keywords (choose from CPUC listing): Section 851

AL filing type: Monthly Quarterly Annual One-Time Other _____

If AL filed in compliance with a Commission order, indicate relevant Decision/Resolution #:

None

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL No

Summarize differences between the AL and the prior withdrawn or rejected AL¹: N/A

Does AL request confidential treatment? If so, provide explanation: No

Resolution Required? Yes No Tier Designation: 1 2 3

Requested effective date: 11/30/14 No. of tariff sheets: 0

Estimated system annual revenue effect (%): _____

Estimated system average rate effect (%): _____

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: None

Service affected and changes proposed¹ See Advice Letter

Pending advice letters that revise the same tariff sheets: None

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Ave.,
San Francisco, CA 94102
EDTariffUnit@cpuc.ca.gov

Southern California Gas Company
Attention: Sid Newsom
555 West 5th Street, GT14D6
Los Angeles, CA 90013-1011
SNewsom@semprautilities.com
tariffs@socalgas.com

¹ Discuss in AL if more space is needed.

ATTACHMENT A

Advice No. 4705

Proposed Easement Deed

Recording Requested by
San Diego Gas & Electric Company

When recorded, mail to:

San Diego Gas & Electric Company
8335 Century Park Court, Suite 100
San Diego, CA 92123-1569
Attn: Real Estate Records - CP11D

SPACE ABOVE FOR RECORDER'S USE

Project No.: 153758-010
Const. No.: 294800
A.P.N.: 121-340-68
(SBE 150-30-20-1)
Sketch No.: OS-15195

Transfer Tax None

SAN DIEGO GAS & ELECTRIC COMPANY

EASEMENT

SOUTHERN CALIFORNIA GAS COMPANY, a California corporation (who acquired title as SOUTHERN COUNTIES GAS COMPANY OF CALIFORNIA, a corporation, hereinafter called "Grantor", grants to SAN DIEGO GAS & ELECTRIC COMPANY, a corporation, "Grantee", an easement and right of way to erect, construct, change the size of, improve, reconstruct, relocate, repair, maintain and use facilities consisting of: (1) Underground electric facilities, and appurtenances for the transmission and distribution of electricity, (2) Underground communication facilities, and appurtenances, together with the right of ingress thereto and egress therefrom over said easement and over other practical routes across Grantor's land situated in the County of Orange, State of California described as follows:

That portion of the Rancho Boca De La Playa, according to Map thereof recorded in Book 4, Pages 118 and 119 of Patents, as described in a Deed recorded May 14, 1932 at Document No. in Book 556, Page 139 of Official Records of said County of Orange.

The easement in the aforesaid property shall be a strip of land, being approximately 23.5 feet by 6.5 feet, the approximate location being shown and delineated as "EASEMENT AREA" on the Exhibit "A", **consisting of one (1) sheet**, attached hereto and made a part hereof.

In order to provide adequate working area for Grantee, Grantor shall not erect, place or construct, nor permit to be erected, placed or constructed any building or other structure, park any vehicle, deposit any materials, plant any trees and/or shrubs within eight feet of the front of the door or hinged opening of any pad mounted electrical equipment installed within this easement.

Grantor grants to Grantee the right to erect and maintain on Grantor's property immediately adjacent to this easement retaining walls and/or protective barricades as may be necessary for Grantee's purposes.

Grantor will exercise only such reserved rights in said land as will not interfere with or prohibit the free and complete use and enjoyment by Grantee, its successor or assigns, of the rights hereby granted. Grantee shall have the right to assign any or all rights granted in this easement in whole or in part to other companies providing utility or communication services. Grantee shall have the right to top, cut, remove, or trim interfering plants and trees, and to keep said easement free from and to prevent any person, including Grantor and successors and assigns, from erecting, placing, or storing on said easement any flammable or other hazards and any structures, objects, or earth fills/cuts or other obstructions.

Grantor shall not increase or decrease the ground surface elevations within this easement after installation of Grantee's facilities, without prior written consent of Grantee, which consent shall not unreasonably be withheld.

This easement shall be binding upon and inure to the benefit of successors, heirs, executors, administrators, permittees, licensees, agents or assigns of Grantor and Grantee.

The legal description for this easement was prepared by San Diego Gas & Electric Company pursuant to Section 8730 of the Business and Professions Code, State of California.

Dated _____

SOUTHERN CALIFORNIA GAS COMPANY, a California corporation (who acquired title as SOUTHERN COUNTIES GAS COMPANY OF CALIFORNIA, a corporation

By: _____

Name: _____
(print name)

Title: _____

By: _____

Name: _____
(print name)

Title: _____

Prepared by: GAM

Checked: _____

Date: June 10, 2013

STATE OF _____)

COUNTY OF _____)SS.

On _____, before me _____
_____ (name, title of officer), personally appeared _____

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

(Notary Seal)

STATE OF _____)

COUNTY OF _____)SS.

On _____, before me _____
_____ (name, title of officer), personally appeared _____

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

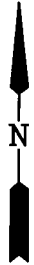
Signature _____

(Notary Seal)

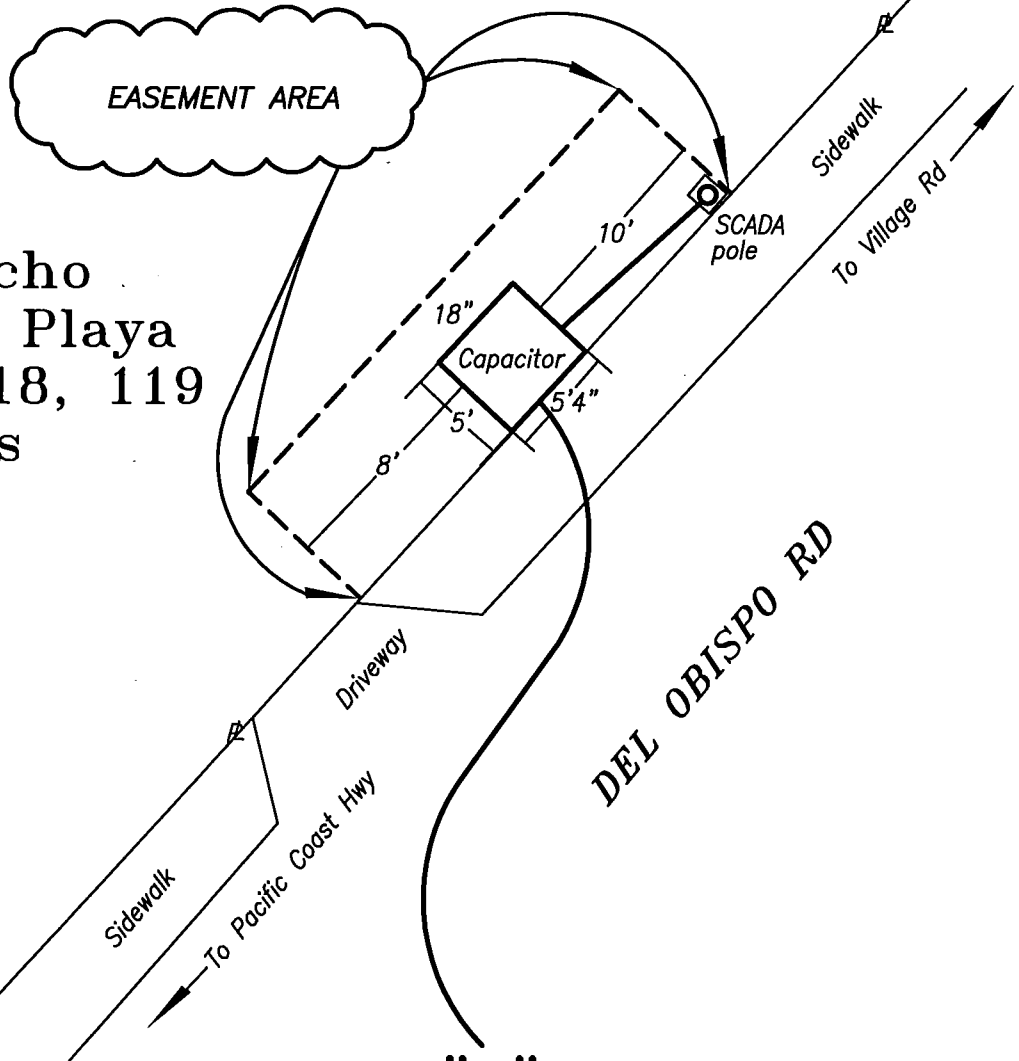
Owner:
 SOUTHERN COUNTIES GAS COMPANY OF CALIFORNIA
 5/14/1932; Bk 556, Pg 139

APN: 121-340-68
 SBE 150-30-20-1

121
 34



Por Rancho
 Boca De La Playa
 Bk 4, Pgs 118, 119
 Patents



UG ELEC

EXHIBIT "A"

| | | | | |
|--|-------------|----------------------|----------------|--------------------------------|
| SAN DIEGO GAS & ELECTRIC SAN DIEGO, CALIFORNIA | | ORIGINATOR: GAM | OK TO INSTALL: | PROJECT NO. 153758-010 |
| C794: Capacitor 34271 Del Obispo Dana Point | | SURVEYED BY: NONE | R/W OK: | CONST. NO. 2947800 |
| | | DRAWN BY: GAM | DATE: | DRAWING NO. OS-15195 |
| | | DATE: 6/10/13 | THOS. BROS. | |
| | | SCALE: NONE | | |
| NO. | SUPPLEMENTS | | DATE: | BY |
| | | | | APP'D |
| | | | | |
| | | | | |

ATTACHMENT B

Advice No. 4705

Drawings and Photos

DANA POINT
STATION
34271

- PROPOSED EASEMENT AREA

- CAPACITOR

- SCADA POLE

3414 PAD DETAIL

3

D211454

EXISTING FENCE TO BE
RE-ROUTED AROUND
WORKSPACE CLEARANCES.

20'/49' SCADA POLE
L122113

8

FENCE

FENCE

OPERATING
CLEARANCE

OPERATING
CLEARANCE

DRIVEWAY

SDWK

CURB

DEL OBISPO ST

7 1-3"
[L122113]

2 INST: 2/0 PEJ.
CIR 794, 1-4"
[M4755656220, A1]

GATE

1.5'

5'

8'

8'

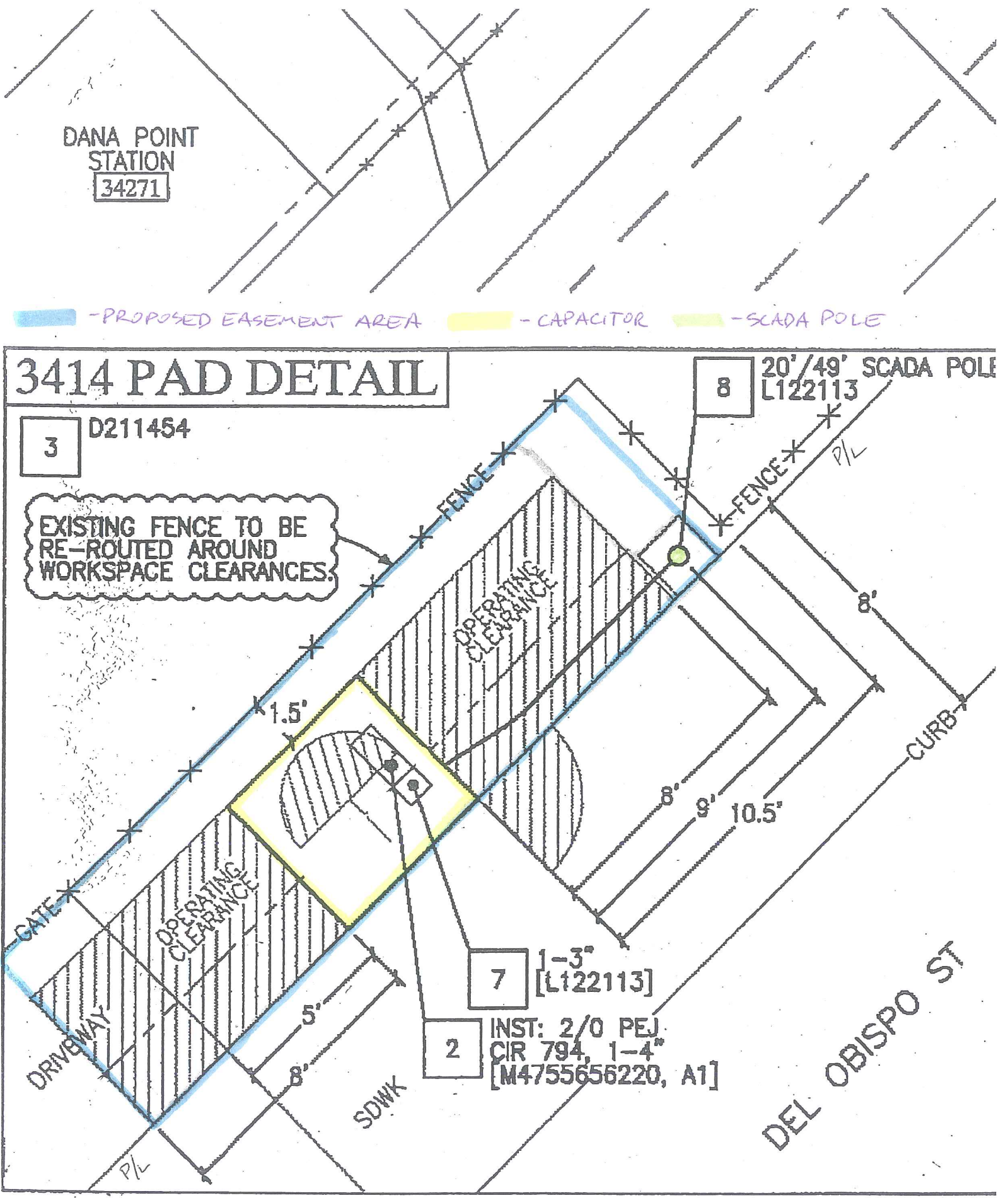
9'

10.5'

8'

P/L

P/L



Del Obispo Street, Dana Point, CA - Google, Maps - Windows Internet Explorer

http://maps.google.com/maps?tab=wl

File Edit View Favorites Tools Help

Convert

Search MSN Secure Citrix

Outlook Web Access MeetingPlace Find a Printer Citrix

Suggested Sites Right of Way Job Tracking eB Web-Connect Pandora Internet Ra... Del Obispo Stre...

Page Safety Tools

+You Search Images Maps Play YouTube News Gmail Drive Calendar More

Del Obispo Street, Dana Point, CA



Del Obispo Street, Dana Point, CA - Google Maps - Windows Internet Explorer

http://maps.google.com/maps?tab=wl

File Edit View Favorites Tools Help

Del Obispo Street, Dana Point, CA - G...

+You Search Images Maps Play YouTube News Gmail Drive Calendar More

Convert

Outlook Web Access Search MSN Secure Citr

MeetingPlace Citrix Find a Printer Right of Way Job Tracking Suggested Sites

Page Safety Tools

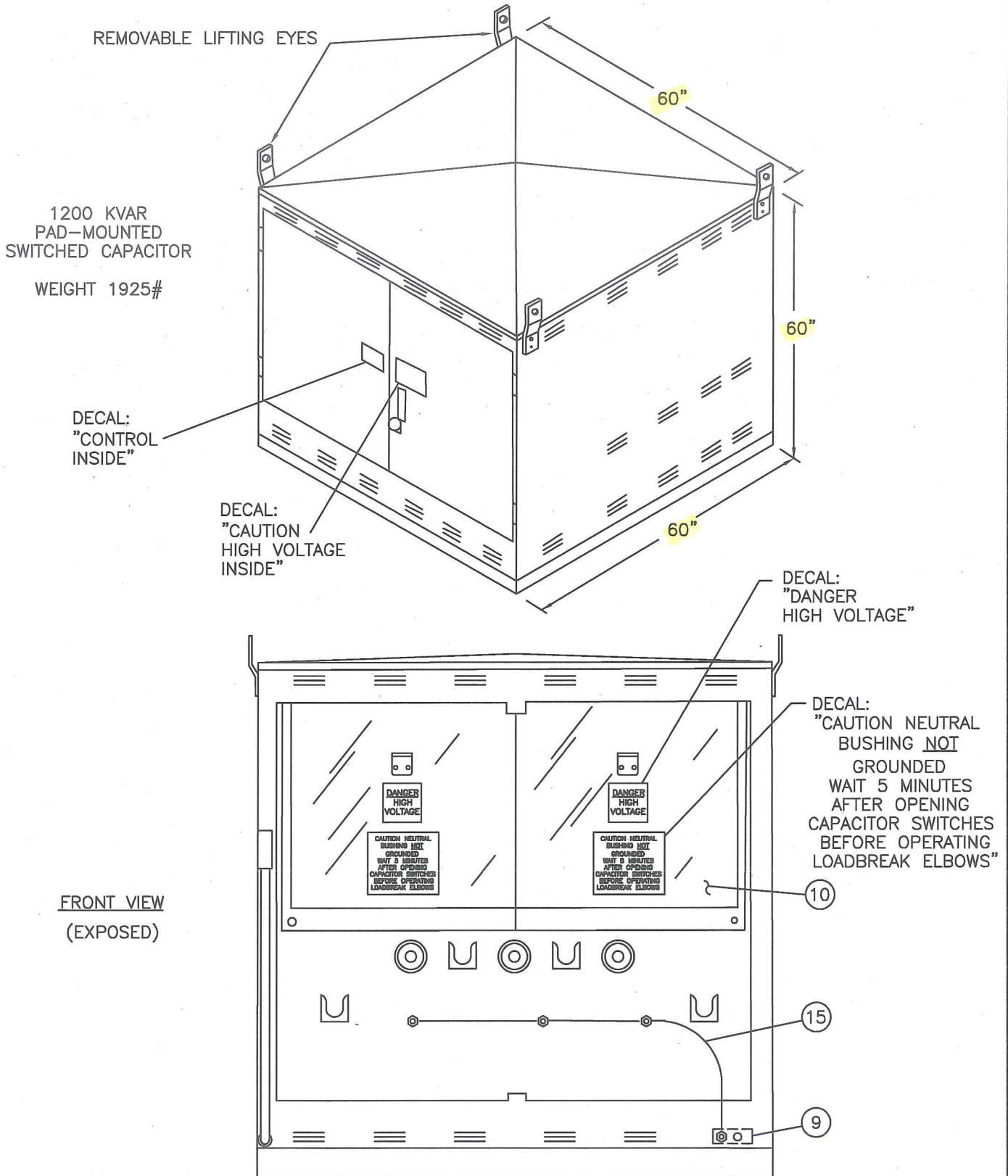
Del Obispo Street, Dana Point, CA

Google

Sign in



SCOPE: THIS STANDARD SHOWS THE 1200 KVAR PAD-MOUNTED SWITCHED CAPACITOR.

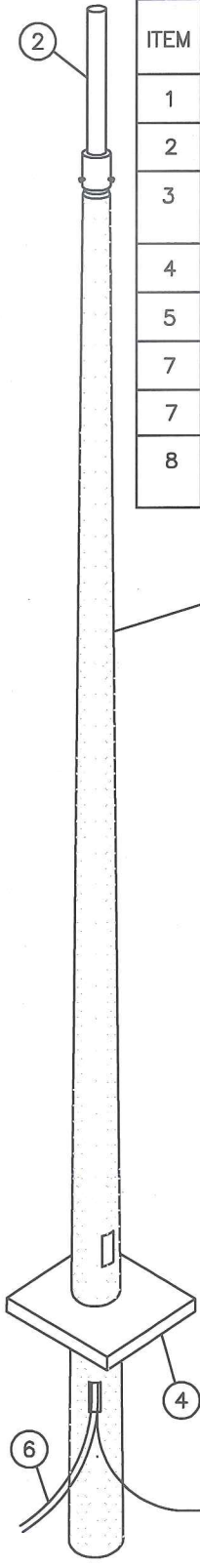


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| | | | | |
|-------------------------------------|--|--------------------|----------|---------------------|
| | Indicates Latest Revision | Completely Revised | New Page | Information Removed |
| REVISION | SDG&E ELECTRIC STANDARDS | | | |
| DATE 1-1-2000 APPD <i>RW/Vck</i> | 1200 KVAR PAD-MOUNTED SWITCHED CAPACITOR | | | 3820.1 |

BILL OF MATERIAL:

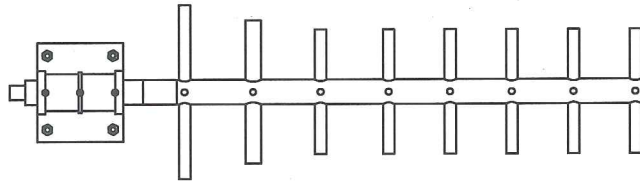
| ITEM | DESCRIPTION | QUANTITY | CONSTR. STD OR PAGE NO. | STOCK NUMBER | ASSEMBLY UNIT FAMILY 21770 | MACRO UNIT FAMILY 26770 |
|------|---|----------|-------------------------|--------------|----------------------------|-------------------------|
| 1 | 20' POLE | 1 | 4434 | 678126 | SCAD-P | P-SCAD |
| 2 | SMALL ANTENNA ADAPTER | 1 | - | 102017 | | |
| 3 | EXCAVATE POLE - SCADA ANTENNA EQUIPMENT | 1 | 4434 | - | EXPOLE | |
| 4 | CONCRETE COLLAR 20" X 20" | 1 | 4434 | - | POLE-C | |
| 5 | ANTENNA POLE DELIVERY | 1 | - | - | POLE-H | |
| 7 | 1" POLYETHYLENE (PE) CONDUIT | AS REQ'D | 3373.1 | 249630 | 1"PE | |
| 7 | SMALL ANTENNA | 1 | - | 109570 | ANTENA | |
| 8 | WIRE BARE COPPER #2 STR SOFT DRAWN | 33' | 4431.2 | 812816 | TG-T-W | |



① 20' POLE

- INSTALL POLE TO SUPPORT ANTENNA WHEN SUPERVISORY CABLE IS NOT AVAILABLE.
- WHEN PRACTICAL, INSTALL ANTENNA ON EXISTING POLE.
- POSITION FOR MINIMUM VISUAL IMPACT WHILE MINIMIZING DISTANCE TO RTU.
- INSTALL NO MORE THAN TWO ANTENNAS PER POLE.

⑦ SMALL ANTENNA & 1 CONNECTOR



INSTALLATION:

- Ⓐ** INSTALL 30 FEET OF GROUND WIRE IN THE TRENCH AS SHOWN IN "FIGURE 2", ON PAGE 4510.1. THE ALTERNATE METHOD OF GROUNDING IS TO INSTALL 2-8 FOOT GROUND RODS 6 FEET MINIMUM APART. USE #6 BARE STR. SOFT DRAWN COPPER WIRE TO ATTACH TO THE RODS AND POLE.
- Ⓑ** NATURAL SPOIL WITH 3/4 INCH MAXIMUM AGGREGATE, SAND, DECOMPOSED GRANITE, 3/4 INCH MAXIMUM AGGREGATE, OR POLESET (LISTED IN ORDER OF LEAST EXPENSE) MAY BE USED AS BACKFILL. TAMP THE BACKFILL (EXCEPT POLESET) THOROUGHLY.
- Ⓒ** CONCRETE SUPPORT COLLAR TO BE POURED IN PLACE.

© 1998 - 2005 San Diego Gas & Electric Company. All rights reserved. Removal of this copyright notice without permission is not permitted under law.

| | | | | |
|-------------------------|------------------------------|--------------------|----------|---------------------|
| | Indicates Latest Revision | Completely Revised | New Page | Information Removed |
| REVISION | SDG&E ELECTRIC STANDARDS | | | |
| DATE 3-1-02 | SCADA ANTENNA POLE W/ANTENNA | | | 4645.1 |
| APPD <i>[Signature]</i> | | | | |

CAPACITORS (briefly explained)

Should the voltage on a circuit fall below a specified level for some reason, a device called a **capacitor** can momentarily maintain the voltage at line value. Basically, a **capacitor** serves the same purpose as a storage tank in a water system. By maintaining the water in a storage tank at a definite level, the pressure on the water supplied by the system connected to it is maintained evenly.

It is the job of capacitors to keep the power factor as close to 1 as possible. The power factor is an important essential of electricity. Keeping the power factor close to 1 is a considerable economic advantage to the consumer and to the utility company. Inductance is the element in the circuit which is pulling the power factor below 1. Capacitance is the enemy of inductance. Therefore, **capacitors** counteract inductance, keep the power factor close to 1, and save the consumer and utility company money.

thereof, and the Grantor expressly reserves the right to create, make and/or apply similar or varying or different conditions, or to quit the same entirely, in sales and conveyances of other property owned by Grantor.

PROVIDED, also, that any and/or all of the conditions contained in Paragraphs numbered 2 to 5, inclusive, may be terminated, changed, modified or amended by the mutual written agreement of the Grantor herein and the then owner of said property, which agreement, to be effective, shall be duly and legally executed and recorded in the office of the County Recorder of said Orange County.

IN WITNESS WHEREOF, the said Title Insurance and Title Company on this 4th day of May, 1932, hereunto caused its corporate name and seal to be affixed by its Vice President and Assistant Secretary, thereunto duly authorized.

((CORPORATE SEAL))

TITLE INSURANCE AND TRUST COMPANY

By H. J. Beynon Vice President

By C. M. Sperry Assistant Secretary

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State of California
County of Los Angeles

On this 5th day of May 1932, before me, Angus Henderson, a Notary

Public in and for said County, personally appeared L. J. Beynon, known to me to be a Vice President, and C. M. Sperry, known to me to be an Assistant Secretary of TITLE INSURANCE AND TRUST COMPANY, the corporation that executed the within and foregoing instrument, and known to me to be the persons who executed the within instrument on behalf of the corporation therein named and acknowledged to me that such Corporation executed the same.

WITNESS my hand and official seal this day and year in this certificate first above written.

((SEAL))

Angus Henderson Notary Public
in and for the County of Los Angeles, State of California.

Recorded at request of Grantee, May 14, 1932, at 30 min. past 8 A.M. in Book 556, Page 137, Official Records of Orange County, Justice Whitney, County Recorder, Mathilde Crowell, Deputy.

Elanora Vaughn COMPARED Marie Woods

10624

SSG-139

CORPORATION GRANT DEED

ENGINEERING SERVICE CORPORATION, a corporation organized under the laws of the State of California, with its principal place of business at Los Angeles, in consideration of Ten (\$10.00) Dollars, to it in hand paid, the receipt of which is hereby acknowledged, does hereby grant to SOUTHERN CALIFORNIA GAS COMPANY OF CALIFORNIA, a corporation organized under the laws of the State of California, with its principal place of business at Los Angeles, the following described real property situate in the County of Orange, State of California.

"Being a portion of the Rancho Epoca de la Playa, in Orange County, California, included within the following described boundary line, to-wit:

Beginning at a point in the northwesterly line of McKinley Avenue, distant thereon N. 42°35'13" E. 100 feet from the most easterly corner of Lot 60, Tract No. 932, as per map recorded in Book 29, pages 12 and 13, Miscellaneous Maps, Records of Orange County, California; thence N. 47° 24' 25" W. 110 feet to the beginning of a tangent curve, concave to the Northeast and with a radius of 130 feet, thence northerly along said curve 51.72 feet, thence N. 42°35' 25" E. 280 feet, thence S. 47°24' 25" E. 100 feet to a point in the northwesterly line of said

McKinley Avenue, thence S. 42°35'54" W. along said last mentioned line, 290 feet to the point of beginning, and containing 1.06 acres, more or less.

Subject to conditions, restrictions, reservations, covenants and easements of record and subject also to taxes for the fiscal year 1932-33 and thereafter.

TO HAVE AND TO HOLD to said grantees, its successors and assigns.

IN WITNESS WHEREOF, the said Grantor has caused its corporate name and seal to be affixed hereto and this instrument to be executed by its President and Secretary thereunto duly authorized this 9th day of May 1932.

((CORPORATE SEAL))

ENGINEERING SERVICE CORPORATION

By Thos. A. Jordan President

By Linford C. Lull Secretary

State of California }
County of Los Angeles }

On this 9th day of May 1932, before me, the undersigned, a Notary Public in and for the County of Los Angeles, State of California, personally appeared Thos. A. Jordan, known to me to be the President and Linford C. Lull, known to me to be the Secretary of the Engineering Service Corporation, the corporation that executed the within instrument, on behalf of the Corporation herein named, and acknowledged to me that such Corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

((SEAL))

Mora Barnes Notary Public

in and for said County and State.

Recorded at request of Grantee, May 14, 1932, at 72 min. past 8 A.M. in Book 556, Page 139, Official Records of Orange County, Justine Whitney, County Recorder, Mathilda Crowell, Deputy.

Elanthe Vaughn COMPARED Marie Woods

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10627

At a meeting of the Seal Beach School District, held at Seal Beach, Orange County, California on the 11th day of May 1932, the following resolution was adopted,

"Be it resolved that Seal Beach School district hereby accepts from Charles N. Marshall and Annie Marshall, his wife the conveyance of the property described in the within deed".

Seal Beach School District

By Mildred Lanhead President

By E. Douglass Secretary

GRANT DEED

CHARLES N. MARSHALL and ANNIE MARSHALL, his wife, in consideration of Ten and No/100 Dollars to them in hand paid, the receipt of which is hereby acknowledged, do hereby grant to SEAL BEACH SCHOOL DISTRICT, Seal Beach, California, Orange County, all that real property situated in the City of Seal Beach, County of Orange, State of California, described as follows:

Lot Thirty-seven (37) in Block Two Hundred Eleven (211) Bay View Tract, as per map thereof recorded in Book 8, page 51, Miscellaneous Maps, Records of said Orange County.

Subject to the conditions and restrictions contained in the deed from Bayside Land Company, a corporation, to Charles N. Marshall, et ux, dated April 20th, 1926, and filed for record May 10th, 1926 in the office of the County Recorder of said Orange County.

TO HAVE AND TO HOLD to the said grantees their heirs or assigns.

WITNESS our hands this 5th day of May 1932.

Charles N. Marshall

Annie Marshall