

**PETITION FOR CHANGE OF THE PROJECT DESCRIPTION IN THE FINAL  
DECISION TO ERECT AND UTILIZE AN ELECTRICAL PARTS STORAGE**

**WAREHOUSE  
PALOMAR ENERGY CENTER  
(01-AFC-24C)**

<b>DOCKET</b>	
<b>01-AFC-24C</b>	
DATE	<u>AUG 03 2011</u>
RECD.	<u>AUG 11 2011</u>

**By:**

**SAN DIEGO GAS & ELECTRIC COMPANY  
SAN DIEGO, CALIFORNIA**

**Submitted to:**

**CALIFORNIA ENERGY COMMISSION**

**AUGUST 3, 2011**

**PETITION FOR CHANGE OF THE PROJECT DESCRIPTION IN THE FINAL  
DECISION TO ERECT AND UTILIZE AN ELECTRICAL PARTS STORAGE  
WAREHOUSE  
PALOMAR ENERGY CENTER  
(O1-AFC-24C)**

**1.0 INTRODUCTION**

San Diego Gas & Electric Company (SDG&E) is filing this petition for a proposed amendment of the project design as described in the Final Decision for the Palomar Energy Center (PEC), Docket 01-AFC-24 pursuant to 20 Cal. Code Regs. Section 1769(a)(1). San Diego Gas & Electric (SDG&E or "the applicant") is proposing to erect a small warehouse that will be used to store high value sensitive equipment and important stand-by parts for the power plant. The new warehouse will add an additional level of security for both the high value equipment and the stand-by parts. Currently, several stand-by parts are being stored outdoors which causes difficulty when inventorying the items and leaves them exposed to damage from constant repositioning and inclement weather. The new warehouse will ensure accurate inventory and minimize damage caused by repositioning and/or inclement weather. No changes in Conditions of Certification are necessary.

**2.0 DESCRIPTION OF PROPOSED MODIFICATION (Sec. 1769(a)(1)(A))**

Further details of the proposed facilities are as follows:

Electrical Parts Storage Warehouse. SDG&E proposes to construct a new two-story structural steel and metal frame warehouse building utilizing an irregular wedge of land that is currently being used for outdoor storage. The new building is approximately 1532 square feet, with an enclosed total of 3064 square feet. The proposed building will be adjacent to an existing roadway and will have roll-up doors on each level facing the road

for ease of forklift access. The stairs to the second level will be constructed on the exterior of the shell so as to maximize the available floor space. Both floors will have ventilation fans with louvers and overhead fluorescent lighting. The new warehouse will be slightly visible from Citricado Parkway (see Photo Simulation 2). The warehouse will be painted the plant color (SW 1022 Cubist grey). Plot plans showing the location of the building and visual simulations are attached in Appendix 1.

### **3.0 NECESSITY (Sec. 1769(a)(1)(B))**

The new warehouse will improve facility reliability, efficiency, and convenience to access stored high value equipment and stand-by parts.

### **4.0 TIMING (Sec. 1769(a)(1)(C) and (D))**

SDG&E assumed ownership of the PEC about three years after issuance of the Final Decision and certification to Palomar Energy, LLC. Since taking ownership of the plant in 2006, SDG&E has continued to review the engineering and design of the plant to in order to better serve the needs of SDG&E ratepayers. SDG&E has also benefited from experience gained operating the plant since assuming ownership. This "fine tuning" could not have taken place during the licensing proceeding because SDG&E was not the applicant, the plant was not yet operating, and Palomar Energy brought its own objectives to the development of the project for the merchant market. The addition of the electrical parts storage warehouse does not change or undermine the assumptions, rationale, findings, or other bases of the Final Decision. The change complies with all laws, ordinances, regulations and standards and does not have a significant environmental impact, as further described below.

**5.0 ANALYSIS OF THE EFFECT OF THE MODIFICATIONS ON THE ENVIRONMENT (Sec. 1769(a)(1)(E))**

The requested equipment change will have no significant effects on any of the technical areas analyzed in the August 2003 Final Commission Decision. Please see Table 1 below.

**Table 1**  
**Review of Effects of Installation and Operation of Emergency Engine**

TECHNICAL AREA	SIGNIFICANT ENVIRONMENTAL IMPACT (Y/N)?		NOTES
AIR QUALITY		N	no change
CULTURAL RESOURCES		N	Area for construction is prior filled area
EFFICIENCY		N	No impact
GEOLOGICAL HAZARDS		N	No change
HAZARDOUS MATERIALS HANDLING		N	No change
LAND USE		N	No change
NOISE		N	No Change

TECHNICAL AREA	SIGNIFICANT ENVIRONMENTAL IMPACT (Y/N)?		NOTES
PALEONTOLOGICAL RESOURCES		N	Area for construction is prior filled area
BIOLOGICAL RESOURCES		N	Area previously disturbed.
PUBLIC HEALTH		N	no change
RELIABILITY		N	No change
SOCIOECONOMICS		N	No change
SOILS		N	No change
TRAFFIC AND TRANSPORTATION		N	Construction traffic minimal
T-LINE SAFETY AND NUISANCE		N	No change
TRANSMISSION SYSTEM ENGINEERING		N	No change
VISUAL RESOURCES		N	Structures will meet painting and visual requirements of Final Decision;

TECHNICAL AREA	SIGNIFICANT ENVIRONMENTAL IMPACT (Y/N)?	NOTES
		See plot plan and visual simulations in Appendices 1.
WASTE MANAGEMENT	N	No change
WATER RESOURCES	N	No change
WORKER SAFETY	N	No change

#### **6.0 COMPLIANCE WITH LAWS, ORDINANCES, REGULATIONS AND STANDARDS (LORS) (Sec. 1769(a)(1)(F))**

The new buildings warehouse will not affect compliance with any other LORS requirement. Therefore, the proposed modification is not anticipated to impact SDG&E's ability to comply with the applicable LORS, as listed in Appendix A of the Commission Final Decision.

#### **7.0 POTENTIAL EFFECTS ON PUBLIC AND NEARBY PROPERTY OWNERS (Sec. 1769(a)(1)(G and I))**

The requested modification will not have any environmental impacts and will comply with all applicable LORS. Thus, the proposed equipment change is not anticipated to affect nearby property owners or parties in the application proceedings or the public.



**8.0 LIST OF PROPERTY OWNERS (Sec. 1769(a)(1)(H))**

A list of property owners 1,000 feet of the plant site has previously been provided to the Commission CPM.

**9.0 SUMMARY OF REQUEST**

As demonstrated above, construction and use of the new warehouse will not have an adverse effect on the public or the environment. The change will not affect compliance with applicable LORS. Accordingly, SDG&E requests that the Energy Commission Staff expedite review of this petition, and request Commission approval of the proposed modified conditions in accordance with Title 20 CCR Section 1769.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Jason T. Dobbs', with a long horizontal flourish extending to the right.

Jason T. Dobbs  
Compliance Administrator

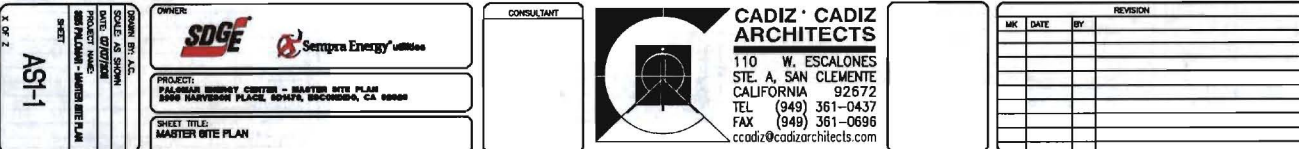
Dated: AUGUST 3, 2011

## **APPENDIX 1**

### **SITE MAP, FLOOR PLANS, AND VISUAL SIMULATIONS OF PROPOSED WAREHOUSE**



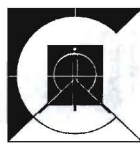
SCALE:	
$1'' = 60' - 0''$	



ORIGIN: BNY, A.C.
SCALE: AS SHOWN
DATE: 07/07/2008
PROJECT NAME: SBS PLAZA - WATERFIRE PLAZA
SHEET AS1-1
X OF 2

OWNER:	
	 Sempra Energy Utilities
PROJECT:	
PALOMAR ENERGY CENTER - MASTER SITE PLAN 8900 HARBORLAND PLACE, SANITO, ENCINITAS, CA 92026	
SHEET TITLE:	
MASTER SITE PLAN	

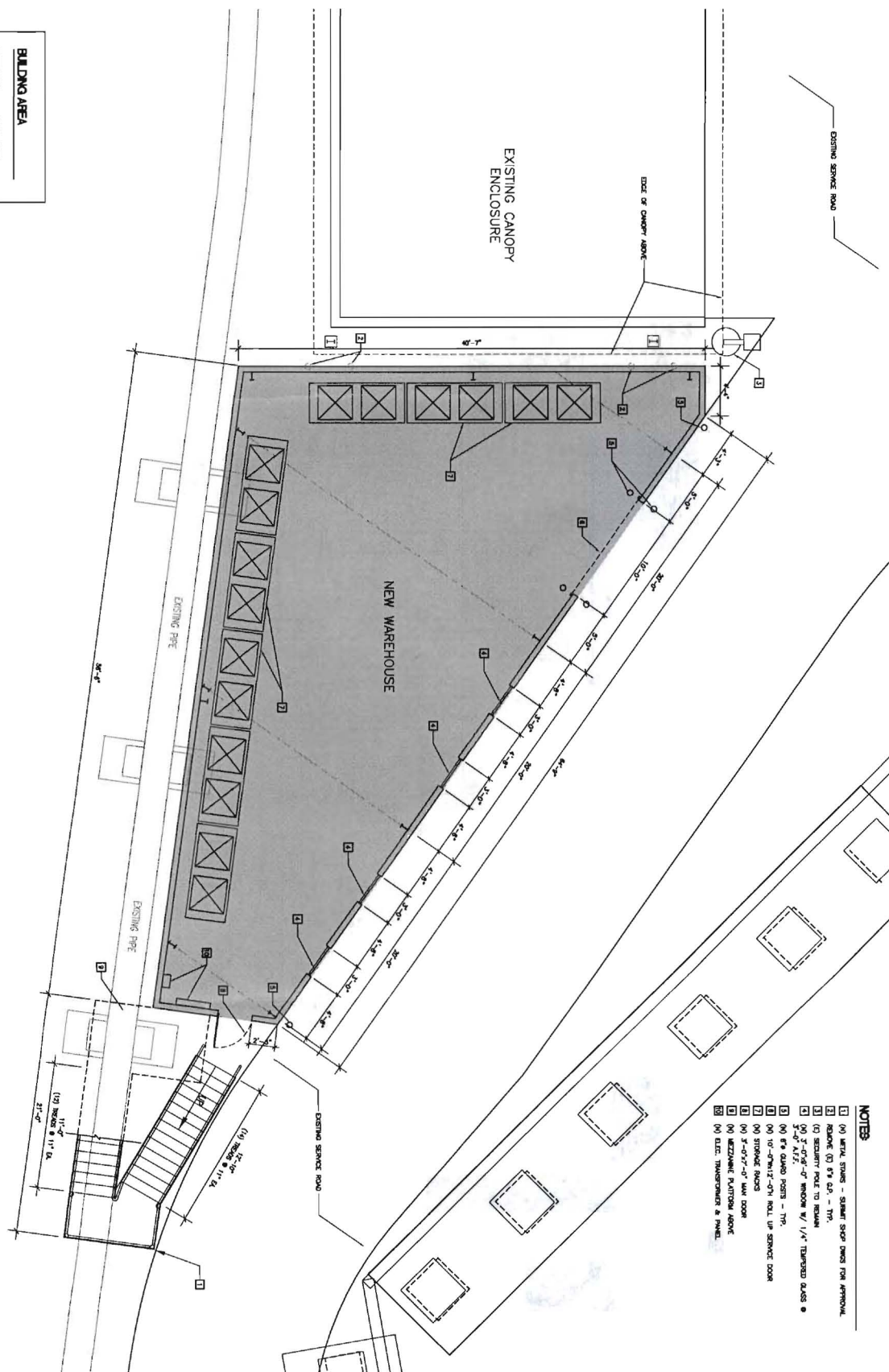
CONSULTANT



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<b>BUILDING AREA</b>	
FIRST FLOOR	1,500 SQ.FT.
SECOND FLOOR	1,500 SQ.FT.
TOTAL BUILDING AREA	3,000 SQ.FT.



- NOTES**

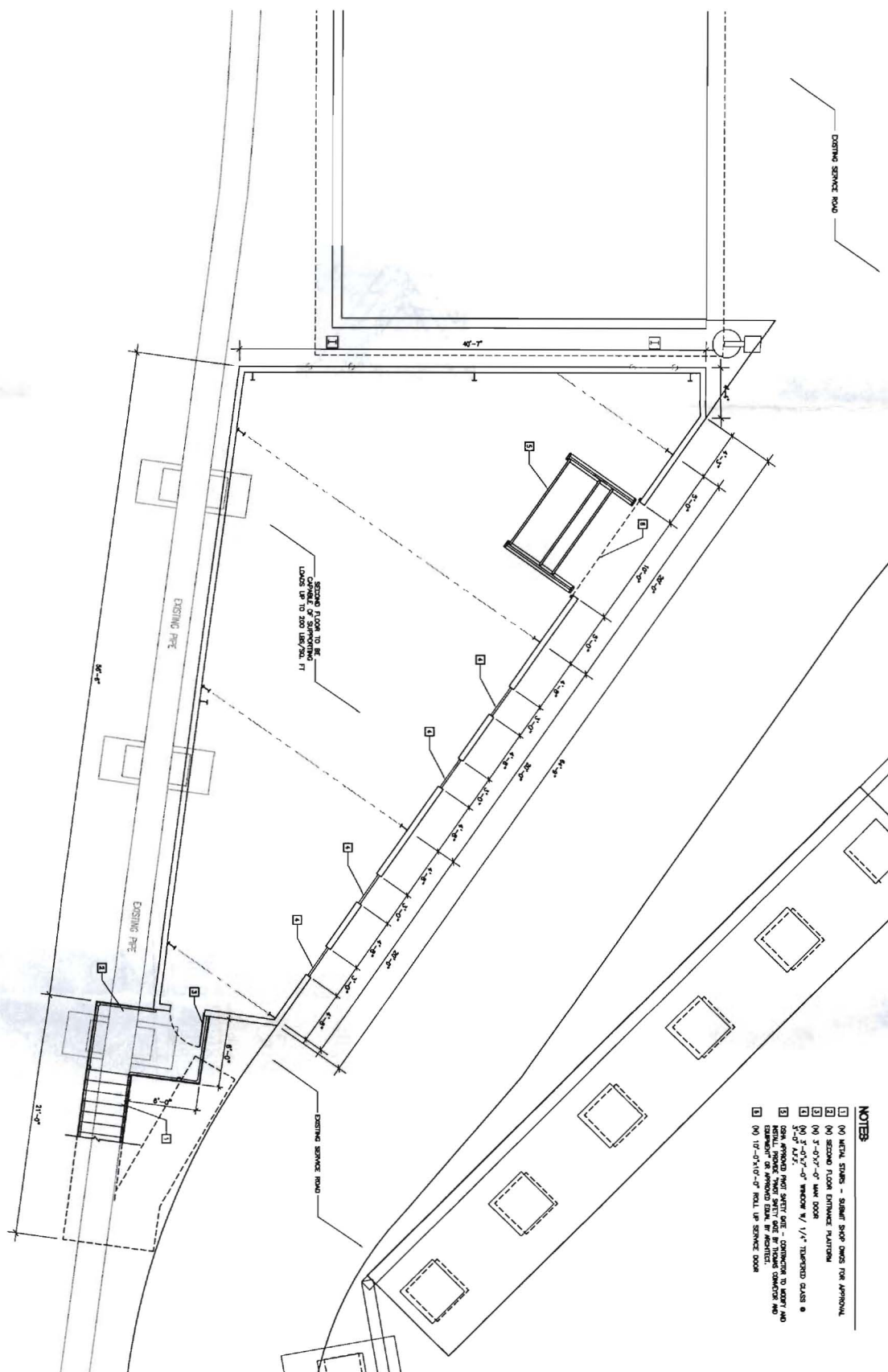
  - 1) (A) METAL STRIPS - SHARPEN STOP INDEX FOR APPROVAL.
  - 2) RESINITE (C) ST. GIL - TTS.
  - 3) (C) SECURITY HOLO TO RESIST
  - 4) 3"-0'-0"-0" WINDOW W/ 1/4" TEMPERED GLASS ●  
3'-0" A.T.S.
  - 5) (A) 8" QUARTZ POSTS - TTS.
  - 6) 10'-0"-0'-1/2"-0'-0" ROLL UP SERVICE DOOR
  - 7) (A) STORAGE AIDS
  - 8) (A) 3'-0'-0"-0" LAM DOOR
  - 9) (A) MEZZANINE PLATFORM ABOVE
  - 10) (A) ELEC. TRANSFORMER & PANEL.

SCALE:	1
$1/4"=1'-0"$	

DRAWN BY: AS	OWNER: <b>SDGE</b> Sempra Energy Utilities	CONSULTANT:		<b>CADIZ • CADIZ ARCHITECTS</b> 110 W. ESCALONES STE. A, SAN CLEMENTE CALIFORNIA 92672 TEL (949) 361-0437 FAX (949) 361-0896 ccadiz@cadizarchitects.com		REVISION <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th></th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	NO.	DATE	BY																																									
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SCALE: AS SHOWN	PROJECT: PALMDALE ENERGY CENTER - NEW WAREHOUSE 2808 HARRISON PLACE, RIVINGTON, SECONDO, CA 93028																																																	
SHEET NAME: NEW PALMDALE - NEW WAREHOUSE	DRAWING TITLE: WAREHOUSE FIRST FLOOR PLAN																																																	



SCALE:	1
$1/4" = 1' - 0"$	



- 1 (1) INITIAL STAINS - SUBMIT SHOP DRAWINGS FOR APPROVAL.
- 2 (2) SECOND FLOOR ENTRANCE PLASTERING.
- 3 (3) 3'-0"x7'-0" MAIN DOOR.
- 4 (4) 3'-0"x7'-0" WINDOW W/ 1/4" THERMOPLASTIC GLASS.
- 5 (5) DOOR AND PART SIGHT CASE - CONFORM TO 2007 ASHRAE 90.1-2006 ENERGY EFFICIENCY STANDARDS FOR BUILDING ENVELOPE AND EQUIPMENT OR APPROVED EARTH OR AIR TIGHTNESS BY ARCHITECT.
- 6 (6) 10'-0"x10'-0" ROLL UP SERVICE DOOR.



DRAWN BY: JAS SCALE: AS SHOWN DATE: 03/24/2014 DESIGNED BY: 888 PLUMBER - NEW WAREHOUSE SHEET X OF 2	OWNER:  
	PROJECT: FLEASHER ENERGY CENTER - NEW WAREHOUSE 888 BAYVIEW PLACE, 60147, ENCINO, CA 92036
	SHEET TITLE: WAREHOUSE SECOND FLOOR PLAN

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SCALE:	1
1/4"=1'-0"	



SCALE:

SCALE: AS SHOWN DATE: 03/20/2008 DRAWN BY: JAS CHECKED BY: JAS DESIGNED BY: JAS 2008 PLACMAN - NEW WAREHOUSE SHEET:	OWNER:  
	PROJECT: PALMAR ENERGY CENTER - NEW WAREHOUSE 2008 BARTISMAN PLACE, B07478, BUCKINGHAM, CA 95009
	SHEET TITLE: WAREHOUSE EXTERIOR ELEVATION
	A3-1

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**SDG&E PALOMAR ENERGY CENTER**  
NEW ELECTRICAL PARTS STORAGE WAREHOUSE BLDG.  
PHOTO-SIMULATION  
7/6/11



BEFORE



AFTER



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**SDG&E PALOMAR ENERGY CENTER**  
NEW ELECTRICAL PARTS STORAGE WAREHOUSE BLDG.  
PHOTO-SIMULATION 2 - VIEW FROM CITRICADO PKWY  
7/8/11



BEFORE



AFTER



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