Don Houston
Environmental Project Manager
1010 Tavern Road
Alpine, CA 91901
(T) 858-503-5006
(F) 858-503-5076

October 28, 2014

Mr. Eric Chiang
Project Manager
California Public Utilities Commission
505 Van Ness Avenue, 4th Floor
San Francisco, CA 94102

Re: Notice to Proceed (NTP) Request #15 to Realign the 69 Kilovolt (kV) Distribution Line to the Boulevard Substation Rebuild Site

Dear Mr. Chiang:

On June 21, 2012, the California Public Utilities Commission (CPUC) selected the East County (ECO) Substation Alternative Site combined with the ECO Partial Underground 138 kV Transmission Route Alternative (Decision A.09-08-003) as the approved ECO Substation Project (Project). The decision granted San Diego Gas & Electric Company (SDG&E) a Permit to Construct and conditionally authorized construction of the Project with the implementation of pre-construction mitigation measures (MMs). A Notice of Determination was submitted to the State Clearinghouse on June 21, 2012, indicating the CPUC's approval of the Project.

Purpose

SDG&E is formally requesting authorization from the CPUC to realign the existing 69 kV transmission line (TL 6931) from the existing Boulevard Substation to the Boulevard East Substation rebuild site, as described in the Final Environmental Impact Report/Environmental Impact Statement (Final EIR/EIS). TL 6931 currently connects into the south side of the existing Boulevard Substation. The realignment will allow the existing TL 6931 to connect to the new 138/69/12 kV Boulevard East Substation rebuild site, which was approved by the CPUC with NTP #8 on August 2, 2013. As described in the Final EIR/EIS, two new steel poles and associated anchor structures will be installed to accomplish the realignment into the west side of the Boulevard East Substation rebuild site. The locations of the structures to be constructed under this NTP request are depicted in Attachment A: TL 6931 Realignment Map. Construction methods and equipment to be used will be similar to those used for installation of the Section 2 138 kV Overhead Transmission Line.

Pre-Construction Mitigation Measures

As of this request, all pre-construction measures have been completed. In accordance with Mitigation Measure (MM) BIO-2c, Attachment A: TL 6931 Realignment Map depicts the jurisdictional drainages identified for the TL 6931 realignment. As required by MMs BIO-1a, VIS-3d, VIS-3e, and CUL-1d, final engineering plans for the TL 6931 realignment—which depict work space and access roads and note the archaeological monitoring requirements—are included as Attachment B: Final Engineering Plans. As stated in the Mitigation Monitoring, Compliance, and Reporting Program, all other MMs will be implemented during construction.

Activity Summary

Construction of the TL 6931 realignment will occur in accordance with the descriptions provided in Sections B.15 and B-27 of the Final EIR/EIS. The information described in Section B of the Final EIR/EIS includes specific details pertaining to construction equipment, material staging and storage, and aboveground equipment for the 69 kV transmission line.

Upon completion of the Project, all areas of temporary disturbance will be restored to their original condition. This will include removal of any temporary facilities, as well as collection and proper disposal of any waste, trash, and debris. The TL 6931 realignment is anticipated to take approximately two months to complete, beginning in November 2014 and ending in January 2015.

We respectfully request authorization of this NTP request by October 31, 2014, in order to meet the overall Project schedule. Should you have any questions or need additional information, please do not hesitate to contact me at (858) 503-5006.

Sincerely,

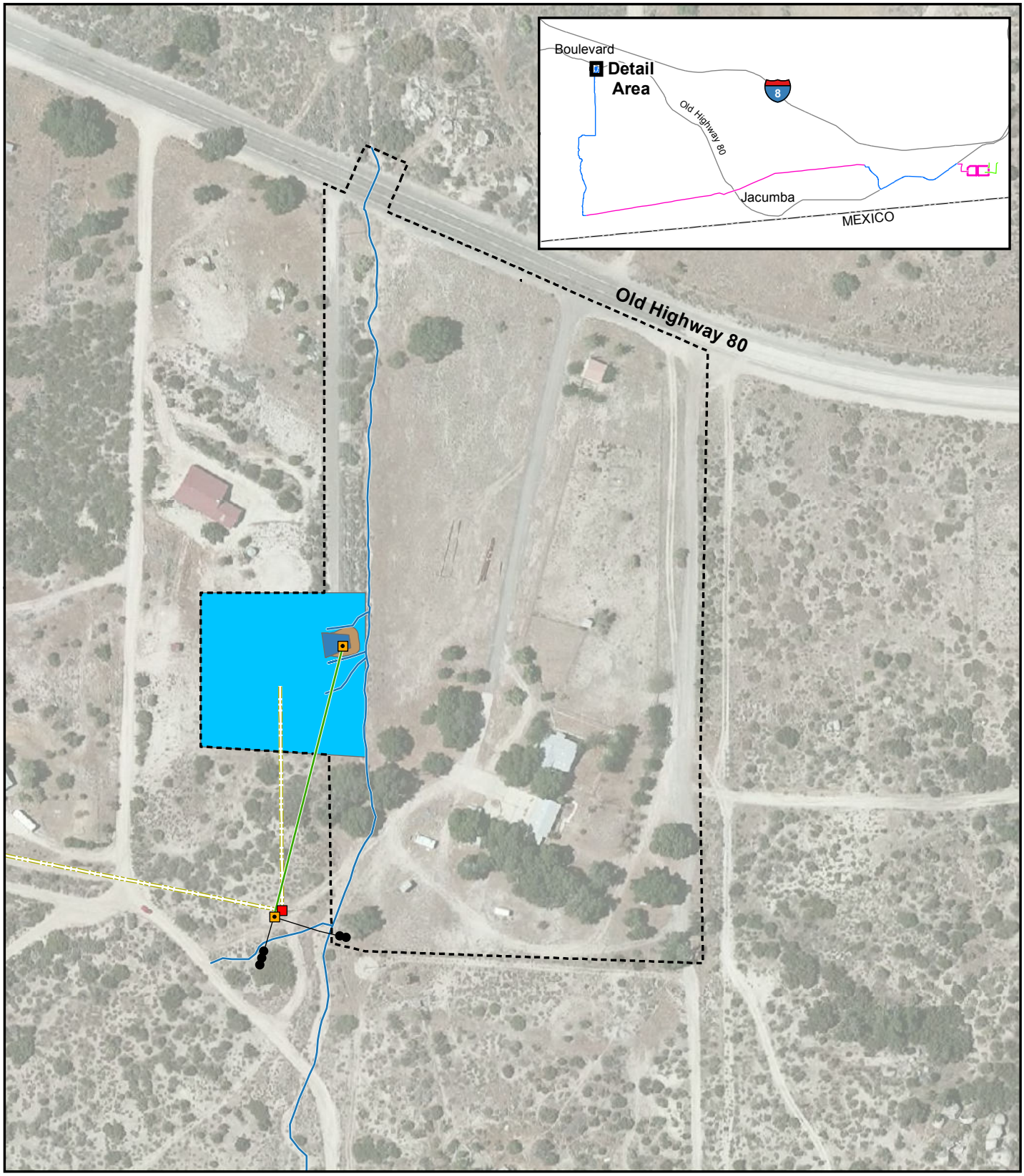
Don Houston

Don Houston
SDG&E Environmental Project Manager

Attachment A: TL 6931 Realignment Map
Attachment B: Final Engineering Plans

cc: Kirstie Reynolds, SDG&E
David Hochart, Dudek
Anne Marie McGraw, Insignia Environmental (Insignia)
Jeffry Coward, Insignia

ATTACHMENT A: TL 6931 REALIGNMENT MAP



Attachment A: 6931 Realignment Map

East County Substation Project

- Proposed Pole
- Existing Pole to be Removed
- Guy Stub
- 69 kV Transmission Line
- Guy Wire
- Existing Transmission Line
- Grading
- Pad
- Temporary Construction Area
- Boulevard Substation Rebuild Site
- Drainage

SDGE A Sempra Energy utility

INSIGNIA ENVIRONMENTAL

1:2,000

0 150 300 Feet

Z:\Projects\SDGE_ECO\MXDs\NTP_Requests\69kV_NTP.mxd

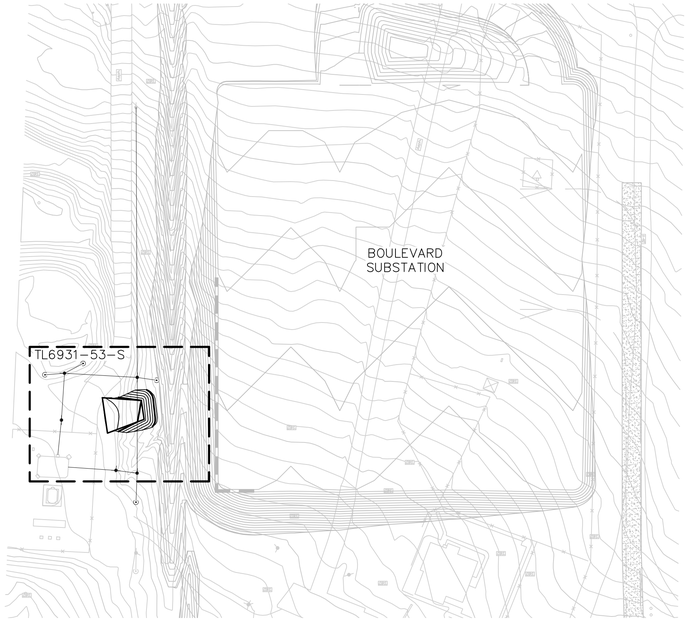
10/21/2014

ATTACHMENT B: FINAL ENGINEERING PLANS

EAST COUNTY SUBSTATION PROJECT

BOULEVARD TO CRESTWOOD

TL6931 - 69kV LINE



NORTH

TOWER-SITE WORK TO BE DONE

STRUCTURE	SHEET NUMBER
Z100057	TL6931-53-S

TOPOGRAPHY

SOURCE OF TOPOGRAPHY IS: DEVELOPED BY PHOTOGRAMMETRIC METHODS BASED ON AERIAL SURVEY BY INLAND AERIAL, INC., 7117 ARLINGTON AVE. SUITE A, RIVERSIDE, CA 92503 ON JUNE 18, 2010.

BENCHMARK

POINT IS BENCHMARK DISK SET IN A CONCRETE HEADWALL "W 612 1941". NAVD88 ELEVATION = 3203.32SFT.

BASIS OF COORDINATES

THE COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 AND ARE EXPRESSED IN TERMS OF THE CALIFORNIA COORDINATE SYSTEM 1983, ZONE VI, AT EPOCH 1991.35 AND ARE BASED ON MONUMENT "SAN DIEGO GPS 31 1990" LOCATED 2.5 MILES NORTHEAST OF JACUMBA, ON THE SOUTH SIDE OF INTERSTATE FREEWAY 8 AT POST MILE 74.9, 400 FEET WEST OF TELEPHONE CALL BOX 8-750 SET AT THE TOP OF A 20' HIGH ROCK CUT.

WORK TO BE DONE

THE IMPROVEMENTS CONSIST OF THE WORK TO BE DONE ACCORDING TO THESE PLANS, SDG&E SPECIFICATIONS, THE GREEN BOOK STANDARD SPECIFICATIONS, AND THE SAN DIEGO REGIONAL STANDARD DRAWINGS.

STANDARD SPECIFICATIONS

1. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK), INCLUDING THE CITY OF SAN DIEGO AND REGIONAL SUPPLEMENTAL AMENDMENTS, EACH THE LATEST ADOPTED EDITION.

STANDARD DRAWINGS

1. SAN DIEGO AREA REGIONAL STANDARD DRAWINGS, LATEST ADOPTED EDITION.

SITE PREPARATION

1. INSTALL ALL NECESSARY EROSION CONTROL DEVICES AND TEMPORARY DRAINAGE DITCHES AS NECESSARY TO KEEP THE SITE FREE FROM FLOWING AND PONDING WATER AT ALL TIMES.
2. CLEAR AND GRUB THE NEW CONSTRUCTION AREAS TO THE CUT/FILL DAYLIGHT LINE AS GIVEN ON THE DRAWINGS AND SPECIFICATIONS. ALL VEGETATION, TREES, BRUSH, GRASS AND OTHER OBJECTIONABLE MATERIALS SHALL BE REMOVED, COLLECTED AND DISPOSED OF BY SUBCONTRACTOR OFF SITE. WHEN TREES ARE REMOVED IN AREAS OF PERMANENT DISTURBANCE, THE ROOT SYSTEMS SHALL ALSO BE REMOVED. ALL AREAS THAT ARE CLEARED SHALL BE LEFT WITH A NEAT AND FINISHED APPEARANCE AND FREE FROM UNSIGHTLY DEBRIS.
3. TREES OUTSIDE OF THE AREAS TO BE GRADED OR OTHER AREAS TO BE IMPROVED SHALL BE PROTECTED FROM DAMAGE BY THE SUBCONTRACTOR'S OPERATIONS.
4. INSTALL ALL REQUIRED EROSION CONTROL DEVICES. SEE SWPPP FOR EROSION CONTROL REQUIREMENTS.

EROSION CONTROL NOTES

1. TOPS OF ALL FILL SLOPES TO BE DIKED TO PREVENT WATER FROM FLOWING OVER THE CREST. ALL ROADS AND STRUCTURE PADS SHALL BE CONSTRUCTED TO PREVENT WATER FROM CAUSING EROSION.
2. IT IS THE RESPONSIBILITY OF THE SUBCONTRACTOR TO HYDROSEED AND INSTALL EROSION CONTROL BLANKETS ON ALL CUT AND FILL SLOPES. THE SEED MIX WILL INCLUDE NATIVE OR DROUGHT TOLERANT PLANT SPECIES AND WILL BE SPECIFIED BY SDG&E.
3. ALL CUT AND FILL SLOPES SHALL BE TEMPORARILY PROTECTED BY CONTINUOUS CERTIFIED WEED-FREE RICE WATTLES LOCATED AT ALL LOCATIONS WHERE RUNOFF FROM EXCAVATED OR FILLED AREAS CAN OCCUR, IN ACCORDANCE WITH THE SEMPRA ENERGY UTILITIES "WATER QUALITY CONSTRUCTION BEST MANAGEMENT PRACTICES MANUAL", AT A MINIMUM, CONTINUOUS FIBER ROLLS SHALL BE PLACED ALONG THE TOE, TOP, FACE, AND AT GRADE BREAKS OF EXPOSED AND ERODIBLE SLOPES TO COMPLY WITH SHEET FLOW REQUIREMENTS.
4. THE SUBCONTRACTOR SHALL FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WDID# 7 37C365199 IN ACCORDANCE WITH THE CALIFORNIA WATER RESOURCE CONTROL BOARD GENERAL CONSTRUCTION STORM WATER PERMIT AND ANY LOCAL REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) GUIDANCE OR DIRECTIVES. THE SUBCONTRACTOR IS ALSO RESPONSIBLE FOR IMPLEMENTING ALL REQUIRED BMP'S PER THE SWPPP, INCLUDING, BUT NOT LIMITED TO, PROVIDING THE NECESSARY MATERIAL, EQUIPMENT, AND TRAINED PERSONNEL.
5. HYDROSEEDING SLOPES SHALL FOLLOW THE RECOMMENDATIONS OF THE PROJECT BIOLOGIST AS TO THE SELECTION OF SPECIES, SEED SPECIFICATIONS, MIXTURE, TIME OF SEEDING, SEEDING METHOD, AND IRRIGATION REQUIREMENTS.
6. THE SUBCONTRACTOR SHALL PROVIDE THE NECESSARY MATERIAL, EQUIPMENT, AND TRAINED PERSONNEL TO PROVIDE THE REQUIRED VEGETATIVE COVER AND FOR THE TIME PERIODS AS SPECIFIED BY THE APPROPRIATE CALIFORNIA WATER RESOURCE CONTROL BOARD GENERAL CONSTRUCTION STORM WATER PERMIT APPLICABLE TO THE PROJECT OR PROJECT SECTION AND IN EFFECT AT THE TIME OF CONSTRUCTION.
7. ALL BMP WORK SHALL COMPLY WITH SDG&E'S 'BEST MANAGEMENT PRACTICE MANUAL FOR WATER QUALITY CONSTRUCTION', PREPARED BY GEOSYNTEC CONSULTANTS & REVISED BY SDG&E JULY 2011.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH THE PROJECT SPECIFICATIONS. ROADS AND STRUCTURE PADS SHALL BE BUILT IN ACCORDANCE WITH SDG&E'S "DESIGN AND PROCEDURE MANUAL FOR TRANSMISSION LINE ACCESS ROADS" DATED MAY 18, 2007 AND "TRANSMISSION STRUCTURE ACCESS ROAD AND STRUCTURE PAD CONSTRUCTION, SPEC. NO. TE-0101", DATED MAY 11, 2009.
2. NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING. THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS, AND REGULATIONS.
3. ANY QUANTITIES INDICATED ON THESE PLANS ARE ENGINEER'S ESTIMATES ONLY AND ARE NOT TO BE USED BY SUBCONTRACTOR FOR BIDDING PURPOSES.
4. THE SUBCONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD AND BRING DISCREPANCIES TO THE ATTENTION OF THE BETA REPRESENTATIVE PRIOR TO STARTING CONSTRUCTION.
5. PRIOR TO ANY EARTHWORK OPERATIONS, THE SUBCONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES AND SHALL CONTACT DIG ALERT AT 811. SUBCONTRACTOR SHALL NOTIFY RESPECTIVE UTILITY COMPANIES PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.
6. SUBCONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT ADJACENT PROPERTIES AND STRUCTURES DURING CONSTRUCTION.
7. ENVIRONMENTALLY SENSITIVE AREAS (ESAs) DESIGNATED BY MARKED BOUNDARIES IN THE FIELD ARE OFF-LIMITS TO CONSTRUCTION ACTIVITIES. ARCHAEOLOGICAL MONITORING OF ANY GROUND DISTURBANCE AND/OR NEW CONSTRUCTION ACTIVITY NEAR AN ESA MAY BE REQUIRED. FOLLOWING THE INITIATION OF CONSTRUCTION ACTIVITIES, THE ON-SITE PROFESSIONAL ARCHAEOLOGIST MAY DETERMINE THAT FULL-TIME MONITORING IS NO LONGER REQUIRED.
8. SUBCONTRACTOR SHALL PROVIDE FOR DEWATERING AT EXCAVATIONS FROM EITHER SURFACE WATER OR SEEPAGE, AND PROVIDE ADEQUATE SHORING TO PREVENT CAVING.
9. THE SUBCONTRACTOR IS RESPONSIBLE FOR OBTAINING A PERMIT FOR TEMPORARY CONSTRUCTION DEWATERING. A PERMIT IS REQUIRED FROM THE REGIONAL WATER QUALITY CONTROL BOARD FOR ANY DISCHARGE OF GROUNDWATER TO THE ENVIRONMENT. THE SUBCONTRACTOR SHALL COMPLY WITH REGIONAL WATER QUALITY CONTROL BOARD WASTE DISCHARGE PERMIT REQUIREMENTS, AS APPLICABLE. BEFORE STARTING DEWATERING OPERATIONS, THE SUBCONTRACTOR SHALL OBTAIN AUTHORIZATION, AS REQUIRED, FOR THE DISPOSAL OF GROUNDWATER. THE SUBCONTRACTOR SHALL COMPLY WITH ALL APPLICABLE SAMPLING, TESTING, MONITORING, AND REPORTING REQUIREMENTS.
10. THE GEOTECHNICAL ENGINEER OR ENGINEERING GEOLOGIST SHALL MAKE FIELD DENSITY TESTS IN THE COMPACTED FILL TO PROVIDE A BASIS FOR EXPRESSING AN OPINION AS TO WHERE THE FILL MATERIAL HAS BEEN COMPACTED AS SPECIFIED. DENSITY TESTS SHALL BE MADE IN THE COMPACTED MATERIAL BELOW ANY DISTURBED SURFACE. WHEN THESE TESTS INDICATE THAT THE DENSITY OF ANY LAYER OF FILL OR PORTION THEREOF IS BELOW THE SPECIFIED DENSITY, THE PARTICULAR LAYER OR AREA REPRESENTED BY THE TEST SHALL BE REWORKED UNTIL THE SPECIFIED DENSITY HAS BEEN ACHIEVED.
11. NO MORE THAN TWO (2) FEET IN VERTICAL ELEVATION OF FILL SHALL BE PLACED WITHOUT AT LEAST ONE (1) FIELD DENSITY TEST BEING PERFORMED WITHIN THAT INTERVAL.

GRADING

1. IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO PERFORM ALL GRADING AND EARTHWORK IN STRICT ACCORDANCE WITH SDG&E'S SPECIFICATIONS, PROJECT GEOTECHNICAL REPORT AND THESE DRAWINGS. IN CASE OF DISCREPANCY, THE MORE STRINGENT REQUIREMENT SHALL BE MET UNLESS NOTED OTHERWISE.
2. A GEOTECHNICAL ENGINEER WILL BE THE CONTRACTOR'S REPRESENTATIVE TO INSPECT ALL EARTHWORK OPERATIONS. THE EXCAVATION AND PLACEMENT OF FILL SHALL BE UNDER THE DIRECT OBSERVATION AND INSPECTION OF THE GEOTECHNICAL ENGINEER. NO FILL SHALL BE PLACED UNTIL THE GEOTECHNICAL ENGINEER HAS APPROVED THE SUBGRADE.
3. OBSERVATIONS AND COMPACTION TESTS WILL BE MADE BY THE GEOTECHNICAL ENGINEER DURING ALL EARTHWORK OPERATIONS TO ENSURE THE WORK WAS CONSTRUCTED IN ACCORDANCE WITH SDG&E'S SPECIFICATIONS AND DRAWINGS. REPORTS SHALL BE SUBMITTED WITHIN 24 HOURS OF PERFORMANCE TO BETA ENGINEERING.
4. THE GEOTECHNICAL ENGINEER WILL GIVE WRITTEN NOTICE OF CONFORMANCE WITH THE SPECIFICATIONS UPON COMPLETION OF GRADING. DEVIATIONS FROM SDG&E'S SPECIFICATIONS OR DRAWINGS WILL BE PERMITTED ONLY UPON WRITTEN AUTHORIZATION FROM SDG&E'S SITE REPRESENTATIVE AND BETA'S SITE REPRESENTATIVE.
5. THE SITE CONSTRUCTION AREAS SHALL BE EXCAVATED, FILLED AND COMPACTED AS SHOWN ON THE DRAWINGS AND SPECIFICATIONS. ADDITIONAL OVER EXCAVATION MAY BE REQUIRED IN ISOLATED AREAS AND SHALL BE AS DIRECTED BY THE GEOTECHNICAL ENGINEER AND/OR BETA'S REPRESENTATIVE.
6. THE PLACEMENT AND COMPACTION OF FILL MATERIALS SHALL BE IN ACCORDANCE WITH THE SDG&E SPECIFICATIONS AND THE DIRECTION OF THE GEOTECHNICAL REPORT.
7. ALL SLOPES SHALL BE 2:1 HORIZONTAL TO VERTICAL UNLESS OTHERWISE NOTED AND SHALL BE ROUNDED INTO THE EXISTING TERRAIN TO PRODUCE A CONTOURED TRANSITION FROM CUT OR FILL FACES TO NATURAL GROUND AND ABUTTING CUT OR FILL SURFACES.
8. CUT SLOPES SHALL BE SERRATED AND LEFT ROUGH. FILL SLOPES SHALL BE TRACK WALKED TWICE AND LEFT ROUGH.
9. THE SLOPES OF EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED AS DIRECTED AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS, ORGANIC MATTER, AND OTHER WASTE MATERIALS EXPOSED ON AN EXCAVATION OR EMBANKMENT SLOPE SHALL BE REMOVED AND DISPOSED OF OFF SITE.
10. ALL AREAS TO BE GRADED SHALL BE CLEARED AND GRUBBED WITHIN THE AREA TO BE GRADED ONLY.
11. THE SURFACE OF ACCESS ROADS AND STRUCTURE PADS SHALL CONTAIN NO ROCKS OR HARD LUMPS GREATER THAN THREE (3) INCHES IN MAXIMUM DIMENSION.
12. GRADED AREAS AROUND THE PROJECT PERIMETER MUST DRAIN AWAY FROM THE FACE OF THE SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL EROSION CONTROL PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY.
13. DURING CONSTRUCTION THE SUBCONTRACTOR SHALL GRADE ALL EXCAVATED SURFACES TO PROVIDE POSITIVE DRAINAGE AND PREVENT PONDING OF WATER. THE SUBCONTRACTOR SHALL CONTROL SURFACE WATER TO AVOID DAMAGE TO ADJOINING PROPERTIES OR TO FINISH WORK ON THE SITE. THE SUBCONTRACTOR SHALL TAKE REMEDIAL MEASURES TO PREVENT EROSION OF THE FRESHLY GRADED AREAS, AND UNTIL SUCH TIME AS PERMANENT DRAINAGE AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
14. GRADING SHALL BE DONE WITHIN A TOLERANCE OF (+/-)0.1' OF THE GRADES AND ELEVATIONS SHOWN ON THE DRAWINGS AND ALL SLOPES SHALL BE CONSTRUCTED WITHIN 0.5'(+/-) OF THE LOCATION SHOWN ON THE DRAWINGS. IN NO WAY SHALL THE ABOVE TOLERANCES RELIEVE THE SUBCONTRACTOR OF THE RESPONSIBILITY OF PROVIDING A FINISH THAT WILL NOT COLLECT OR POND WATER.
15. UPON COMPLETION OF THE GRADING OBSERVATIONS AND ACCEPTANCE BY THE GEOTECHNICAL ENGINEER AND THE BETA SITE REPRESENTATIVE, NO FURTHER EXCAVATION OR FILLING WORK SHALL BE DONE UNLESS DIRECTED AND UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER, THE BETA SITE REPRESENTATIVE, OR THE SDG&E SITE REPRESENTATIVE.

ESTIMATED EARTHWORK QUANTITIES

CUT	0 CY.
NATIVE FILL	82 CY.
SHRINKAGE (15%):	12 CY.
IMPORT:	70 CY.

NOTE:

GRADING QUANTITIES ARE ESTIMATED VOLUMES ONLY AND ARE NOT TO BE USED AS PAY QUANTITIES OR FOR BIDDING PURPOSES. GRADING CONTRACTOR SHALL INDEPENDENTLY VERIFY EARTHWORK QUANTITIES TO DETERMINE THE OVERALL SCOPE OF GRADING WORK TO BE PREFORMED.

OWNER

SAN DIEGO GAS & ELECTRIC
8316 CENTURY PARK COURT, CP52B
SAN DIEGO, CA 92123-1582
PHONE: (858) 637-3726

LEGEND

SYMBOL	DESCRIPTION
X	NEW STRUCTURE POLE
	SECTION LINE
	McCARTHY DOWN DRAIN (A/007)
	EARTH BERM (B/007)
3200	ARMY CORPS OF ENGINEERS WATERWAY
3200	PROPOSED INDEX CONTOUR
	PROPOSED INTERMEDIATE CONTOUR
3200	EXISTING INDEX CONTOUR
	EXISTING INTERMEDIATE CONTOUR
	INDICATES FILL SLOPE
	INDICATES CUT SLOPE
	INDICATES DAYLIGHT LINE
X/X	DETAIL
	SHEET WHERE DETAIL IS DEPICTED

GEOTECHNICAL ENGINEER CERTIFICATION

GEOCON, INC.
6960 FLANDERS DR.
SAN DIEGO, CA 92121
(858) 587-6658

ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST AND IN ACCORDANCE WITH THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL INVESTIGATION REPORT NO. 27669024.1 BY URS CORPORATION FOR THE EAST COUNTY SUBSTATION LOCATED IN SAN DIEGO COUNTY, CA, DATED JANUARY 24, 2011, AND APDATE REPORT AND CHANGE OF GEOTECHNICAL ENGINEER OF RECORD, PREPARED BY GEOCON INC, (PROJECT NO. G1522-32-01), DATED NOVEMBER 5 2012.

THESE GRADING PLANS HAVE BEEN REVIEWED BY THE UNDERSIGNED AND FOUND TO BE IN CONFORMANCE WITH THE RECOMMENDATIONS OUTLINED IN THE REFERENCED GEOTECHNICAL REPORTS PREPARED FOR THIS PROJECT. THE SOILS REPORTS REFERENCED ABOVE SHALL BE CONSIDERED PART OF THIS PLAN AND ALL GRADING WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATION AND RECOMMENDATIONS OF SAID REPORTS.

BY: _____ DATE: _____ EXPIRES _____
DAVID B. EVANS, CEG 1860

BY: _____ DATE: _____ EXPIRES _____
THOMAS V. LANGPAP, GE 503

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY SDG&E IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR PROJECT DESIGN.

_____ DATE _____ EXPIRES _____
SARAH M. HALBERT R.C.E. NO. 78685

LAND SERVICES
REVISIONS:

PROFILE KEY
DESIGN PROFILE
EXISTING GROUND

SCALE
0 60 120
SCALE 1" = 60'

REV	BUDGET	CONST ORDER	CHANGE	DWN	CHKD	APPV	DATE
B			REVISED PER SDG&E COMMENTS	NDL			9/29/14
A			ISSUED FOR APPROVAL	NDL			8/20/14

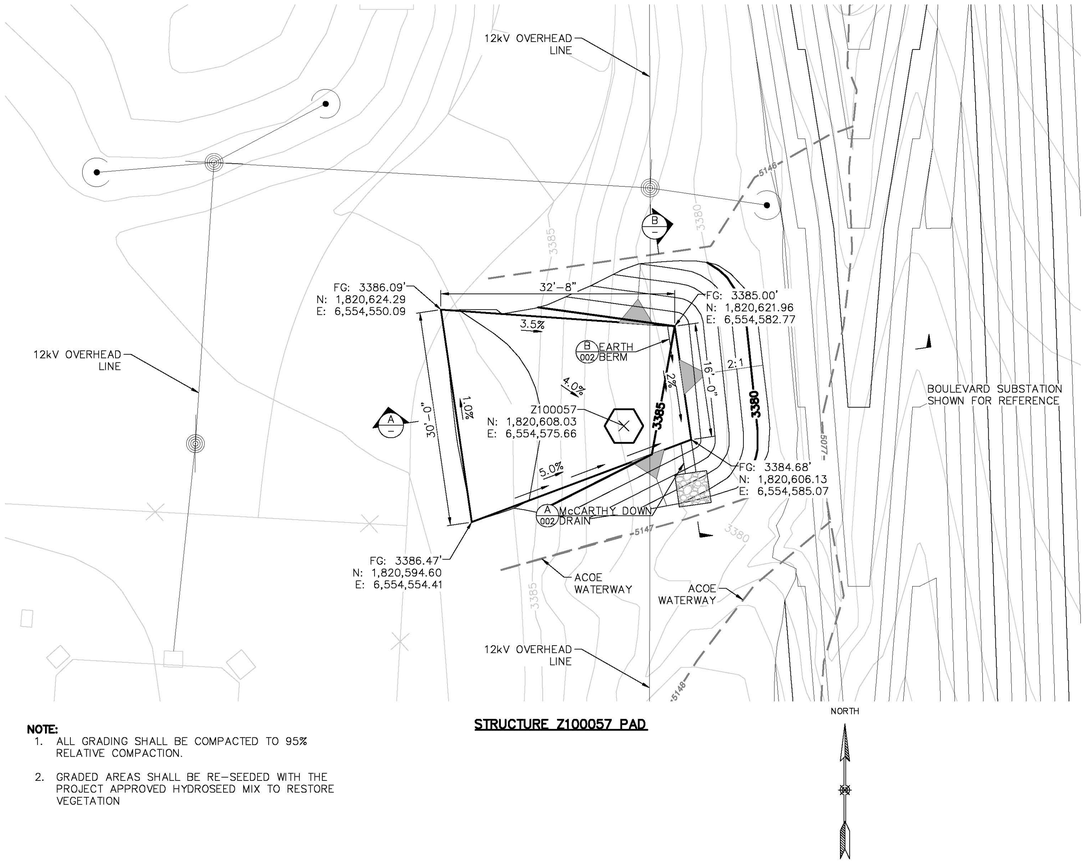
BETA

SDG&E SAN DIEGO GAS & ELECTRIC
TRANSMISSION ENGINEERING
TL6931
BOULEVARD SUB TO CRESTWOOD SUB

SCALE AS NOTED SHEET 1 OF 1

69kV TRANSMISSION LINE
BOULEVARD TO CRESTWOOD
TITLE SHEET

DRAWING NUMBER
TL6931-001

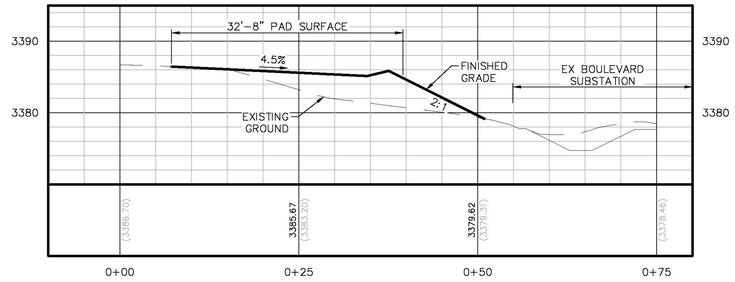


STRUCTURE Z100057 PAD

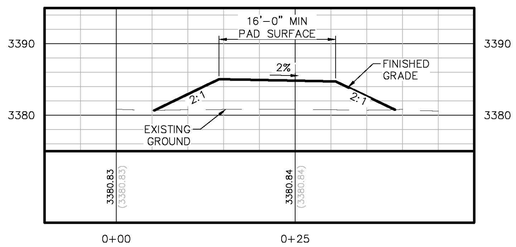
NOTE:

1. ALL GRADING SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
2. GRADED AREAS SHALL BE RE-SEEDED WITH THE PROJECT APPROVED HYDROSEED MIX TO RESTORE VEGETATION

STRUCTURE NUMBER	SP NUMBER	Z NUMBER	STRUCTURE TYPE	STRUCTURE LINE ANGLE	POLE HEIGHT
53	1529	Z100057	69kV SINGLE POLE	76.49	85.00



SECTION A
() DENOTES EXISTING ELEVATION



SECTION B
() DENOTES EXISTING ELEVATION

LAND SERVICES

REVISIONS:

PROFILE KEY

DESIGN PROFILE

EXISTING GROUND

SCALE

0 10 20

SCALE 1" = 10'

REV	BUDGET	CONST ORDER	CHANGE	DWN	CHKD	APPV	DATE
B			REVISED PER SDG&E COMMENTS	NDL			9/29/14
A			ISSUED FOR APPROVAL	NDL			8/20/14

BETA

SDGE SAN DIEGO GAS & ELECTRIC
TRANSMISSION ENGINEERING
TL6931
BOULEVARD SUB TO CRESTWOOD SUB

SCALE AS NOTED | SHEET 1 OF 1

69kV TRANSMISSION LINE
BOULEVARD TO CRESTWOOD
STRUCTURE Z100057

DRAWING NUMBER
TL6931-53-S