

FOR CONTRACT NO.: 11-259804

INFORMATION HANDOUT

MATERIALS INFORMATION

BATTERY BACKUP SYSTEM
NORDAHL RD BRIDGE - OH TEMPORARY INSTALL

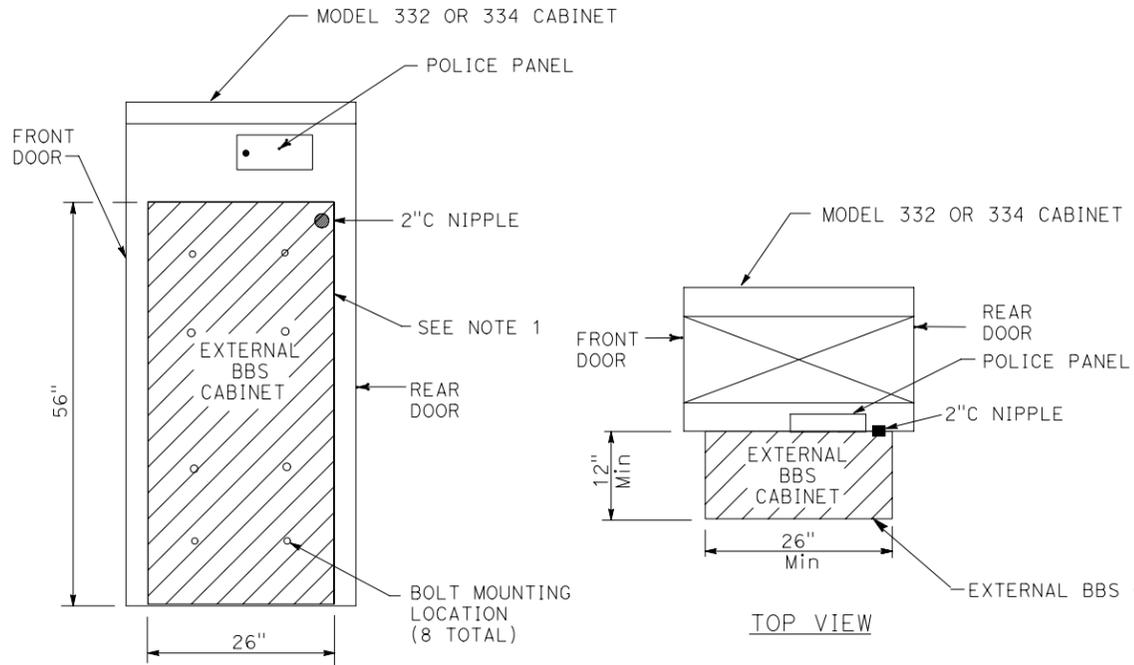
ROUTE: 11-SD-78-15.3/15.7

CONTRACT NO. 11-259804
ADDED PER ADDENDUM NO. 1 DATED OCTOBER 21, 2011

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11					

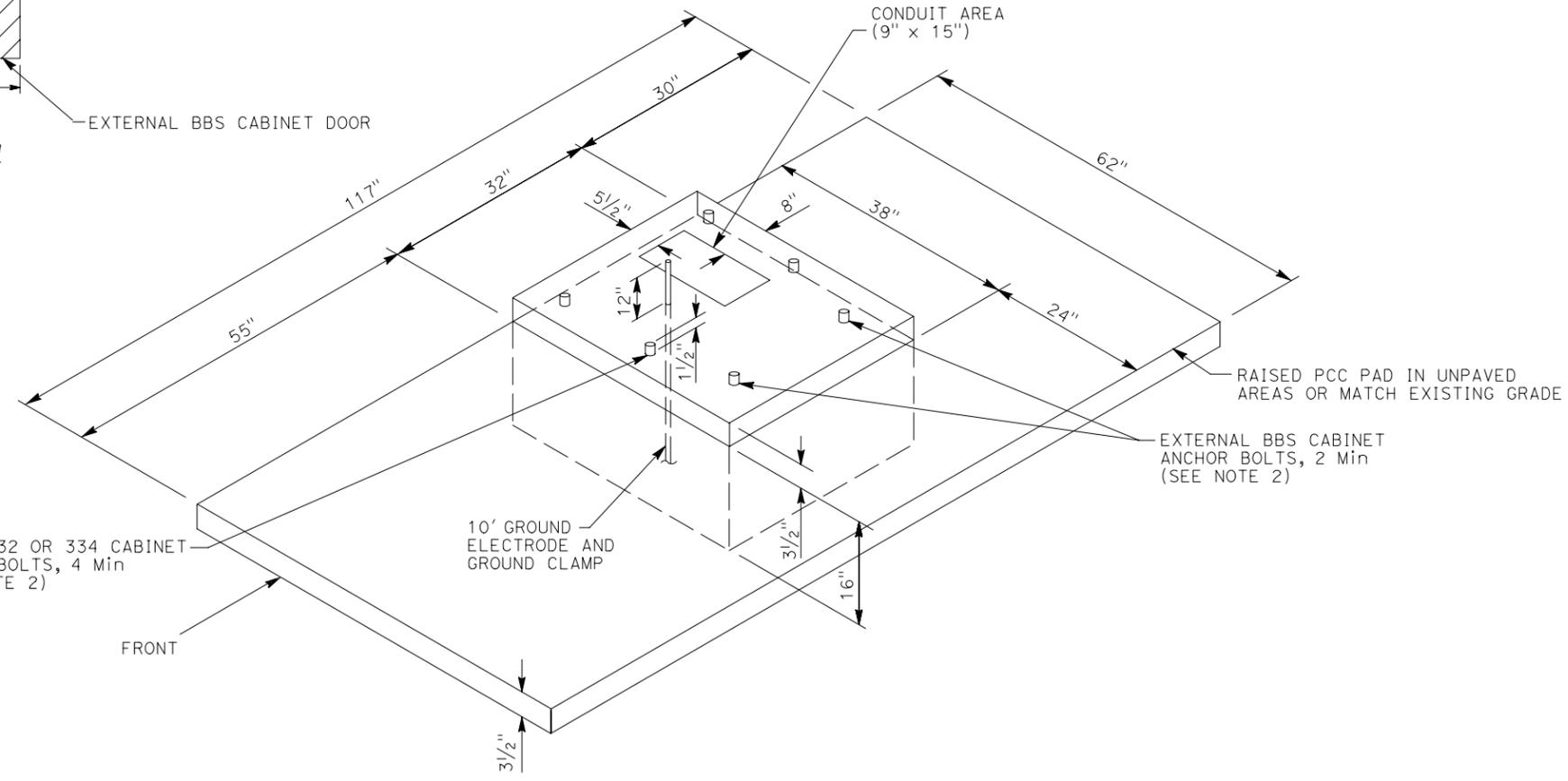
REGISTERED CIVIL ENGINEER	DATE
PLANS APPROVAL DATE	

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



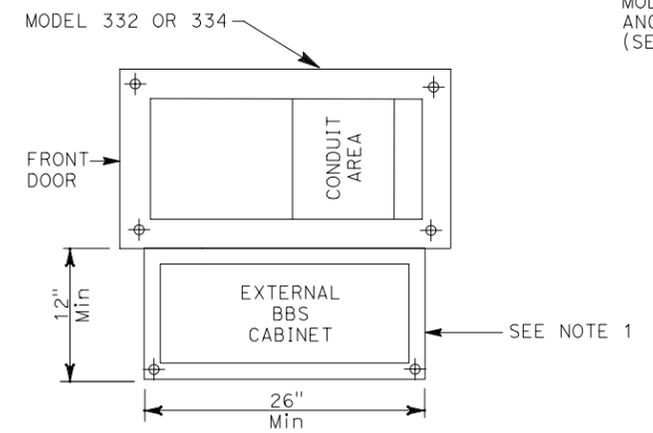
- NOTES:**
1. MOUNT THE EXTERNAL BBS CABINET TO THE MODEL 332 OR 334 CABINET WITH EIGHT 18-8 STAINLESS STEEL, FULLY THREADED, $\frac{3}{8}$ "-16 X 1" HEX HEAD BOLTS, EACH WITH TWO 18-8 STAINLESS STEEL, 1" OD, ROUND FLAT WASHERS (DESIGNED FOR $\frac{3}{8}$ " BOLTS) AND ONE STAINLESS STEEL K-LOCK HEX NUT. OBTAIN THE ENGINEER'S APPROVAL OF THE BOLT MOUNTING LOCATIONS PRIOR TO BBS CABINET INSTALLATION.
 2. THE ANCHOR BOLTS SHALL BE $\frac{3}{4}$ " Dia X 15" WITH A 2"-90° BEND. EXTERNAL BBS CABINET ANCHOR BOLT LOCATION SHALL BE PER MANUFACTURER'S RECOMMENDATION. OBTAIN THE ENGINEER'S APPROVAL OF THE ANCHOR BOLT LOCATIONS PRIOR TO CONSTRUCTING THE FOUNDATION.
 3. VERIFY THE DIMENSIONS OF THE BBS CABINET AND OBTAIN THE ENGINEER'S APPROVAL OF NECESSARY CHANGES PRIOR TO CONSTRUCTING THE FOUNDATION.
 4. ALL DIMENSIONS ARE NOMINAL.

EXTERNAL BBS CABINET MOUNTED TO THE MODEL 332 OR 334 CABINET



MODIFIED MODEL 332 AND 334 CABINET FOUNDATION DETAIL FOR BATTERY BACKUP SYSTEM (BBS)

(FOR DIMENSIONS AND DETAILS NOT SHOWN AND ADDITIONAL NOTES, SEE SHEET ES-3C OF THE STANDARD PLANS FOR MODEL 332 AND 334 CABINETS)



BASE PLAN FOR BBS MOUNTED TO THE MODEL 332 OR 334 CABINET

(FOR DIMENSIONS AND DETAILS NOT SHOWN, SEE CABINET HOUSING DETAILS OF THE TRANSPORTATION ELECTRICAL EQUIPMENT SPECIFICATION (TEES))

ELECTRICAL SYSTEMS (BBS FOUNDATION DETAILS)

NO SCALE

APPROVED FOR ELECTRICAL WORK ONLY



UNIT 0000

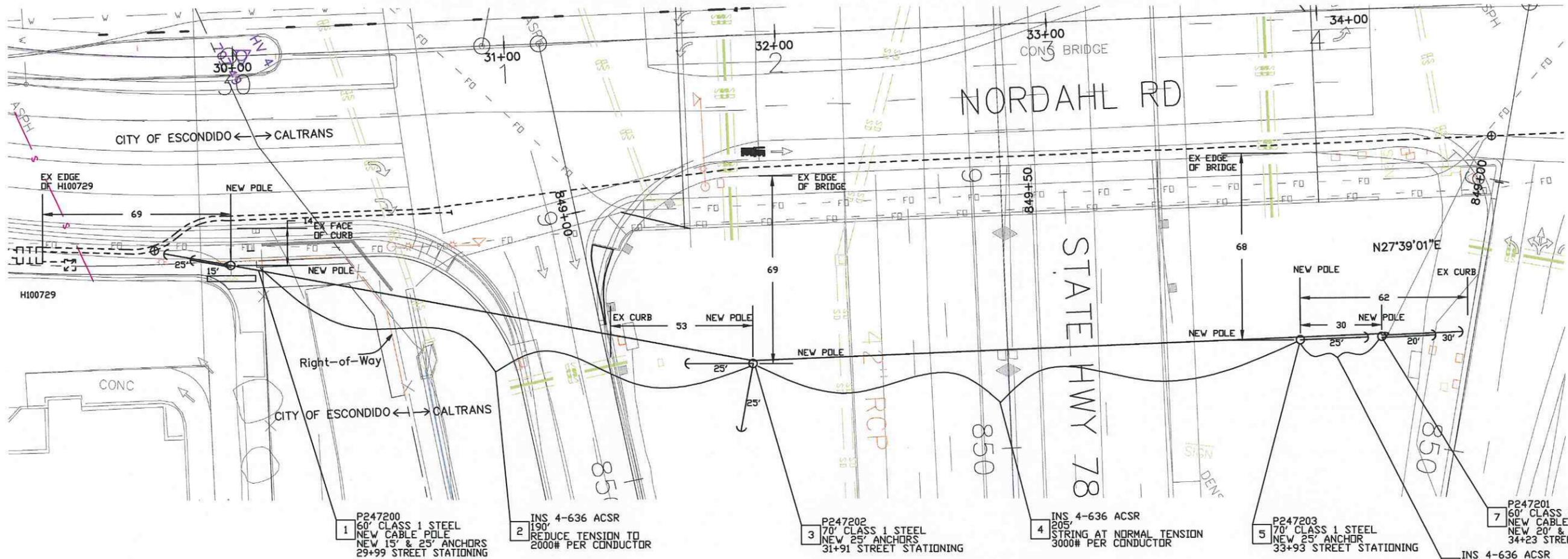
PROJECT NUMBER & PHASE

1100000000

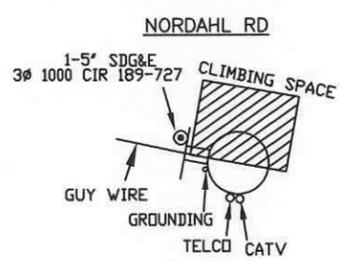
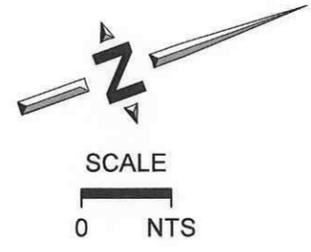
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC ELECTRICAL
 FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY DCB 10/11
 DATE REVISED
 USERNAME => #USER
 REQUEST

LAST REVISION DATE PLOTTED => #DATE
 10-19-11 TIME PLOTTED => \$TIME

NORDAHL RD BRIDGE - OH TEMPORARY INSTALL



- 1 P247200 60' CLASS 1 STEEL NEW CABLE POLE NEW 15' & 25' ANCHORS 29+99 STREET STATIONING
- 2 INS 4-636 ACSR 190' REDUCE TENSION TO 2000# PER CONDUCTOR
- 3 P247202 70' CLASS 1 STEEL NEW 25' ANCHORS 31+91 STREET STATIONING
- 4 INS 4-636 ACSR 205' STRING AT NORMAL TENSION 3000# PER CONDUCTOR
- 5 P247203 70' CLASS 1 STEEL NEW 25' ANCHOR 33+93 STREET STATIONING
- 6 INS 4-636 ACSR 30' REDUCE TENSION TO 2000# PER CONDUCTOR
- 7 P247201 60' CLASS 1 STEEL NEW CABLE POLE NEW 20' & 30' ANCHORS 34+23 STREET STATIONING

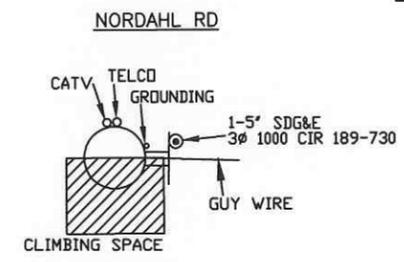


PRIMARY UP CABLE POLE
NORDAHL RD NO SCALE 1 PRI CP P247200

SDG&E San Diego Gas & Electric
APPLICANT APPROVAL
 APPROVAL OF THE SYSTEM DESIGN AS IT APPEARS ON THIS CONSTRUCTION DRAWING(S):
 A. Certifies that the location of the facilities to be owned and operated by SDG&E are acceptable and are not in conflict with Applicant's planned improvement.
 B. Authorizes SDG&E to proceed with the preparation of final design(s), drawings, and/or cost(s).
 Any further costs incurred by SDG&E in the processing of this project will be at the Applicant's expense if:
 1. There are changes to the system caused by the Applicant or the Applicant's authorized representative.
 2. There is a deviation from the gas/electric load information specified on the attached Engineering Agreement(s) which will necessitate design and/or construction changes.
 3. The project is cancelled after contract negotiations have been completed by Applicant and SDG&E.
 APPLICANT APPROVAL: *San Calgo* DATE: 3-14-11
 UTILITY APPROVAL: DATE:

Current Date: 1/25/2011

Notice: Return approved preliminary design drawing on or before 5 working days from current date above. If SDG&E has not received the signed preliminary design drawing within the 5 working day period, your original design due date will need to be rescheduled. Rescheduling of your project's design will be subject to the design team's existing schedule. This preliminary design will be void 30 working days after current date above and will be scheduled as a new project should you wish to continue with the design. Changes to the design may incur a new engineering fee. Customer approval of the preliminary design is mandatory. No costs or customer postage will be released without customer approval of the design.



PRIMARY DOWN CABLE POLE
NORDAHL RD NO SCALE 7 PRI CP P247201

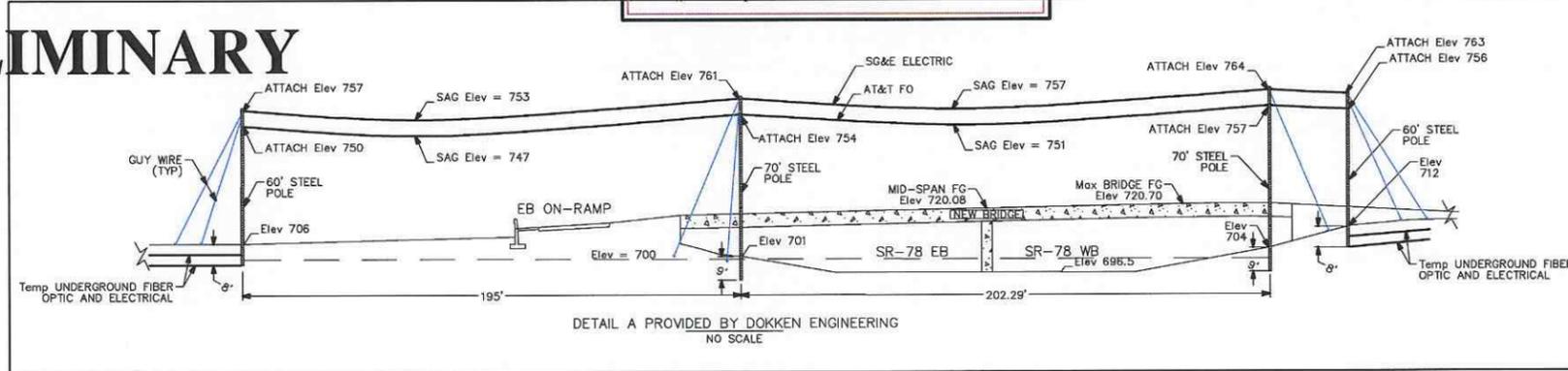
NOTES

- COORDINATE WORK WITH UG TEMPORARY WD #2942150
- STAKED BY SURVEY
- CUSTOMER REP: MARK FIRGER
 COMPANY: DOKKEN ENGINEERING
 PHONE: (858) 514-8377
- SDG&E CUSTOMER PROJECT PLANNER: DAVE EMERSON
 PHONE: (858) 654-1136



Call 811: Two Working Days Before You Dig!

PRELIMINARY



DESIGNED BY: JASON SEILER
 858-636-3992
 PLOT DATE: 1/26/2011
 PROJECT NO: 058603-030
 1 OF 1

CONSTRUCTION ORDER NO: 2942151

REV/SUPP

