# PRESIDENTIAL SUBSTATION

## CONCEPTUAL SITE GRADING PLAN

SCALE: 1"=25'

SITE SUMMARY

| DESCRIPTION | QUANTITIES | UNITS | REMARKS |
|---|---|---|---|
| GRADED PAD AREA | 5,940 | SF | WITHIN SUBSTATION |
| PERIMETER BLOCK WALLS | 933 | LF | 8.5' HIGH |
| ASPHALT CONCRETE PAVEMENT | 4,445 | SF | INTERIOR |
| ASPHALT CONCRETE PAVEMENT | 2,730 | SF | EXTERIOR ROAD |
| GROSS AREA SOIL DISTRUBANCE | 101,400 | SF | 2.33 AC |
| AREA OF 2:1 SLOPE | 5,700 | SF | 0.13 AC |
| AREA OF 25% SLOPE ENCROACHMENT | 17,100 | SF | 0.39 AC |
| NET SITE AREA | 229,583 | SF | 5.27 AC |
| STREET DEDICATION | 5,791 | SF | 0.13 AC |
| 24-INCH RCP STORM DRAIN | 200 | LF | |
| 36-INCH RCP STORM DRAIN | 20 | LF | |
| ESTIMATED EARTHWORK | 40,000 | CY | IMPORT |
| RETAINING WALL | 180 | LF | 2' TO MAX. 5.5' HIGH |

EXISTING 36-INCH CORRUGATED METAL PIPE

EXISTING CURB & GUTTER

PROPOSED 24-INCH S.D.

PROPOSED INLET WING WALLS

PROPOSED INLET/GRATE AND 36-INCH STORM DRAIN

PROPOSED POINT OF CONNECTION, JUNCTION STRUCTURE, & MANHOLE SHAFT

PROPOSED DECELERATION LANE

APPROX. L=220'

OLSON ROAD

PROPOSED WHITE TRAFFIC STRIPE

EXISTING GUARD METAL RAIL

PROPOSED TEMPORARY ACCESS RAMP

PROPOSED ACCELERATION LANE

APPROX. L=215'

DRAINAGE OPENINGS

PROPOSED CONCRETE SWALE

PROPOSED 2:1 CUT SLOPE

TRAIL

25% SLOPE LIMIT

REMOVE EXISTING CONCRETE INLET STRUCTURE & PORTION OF 36-INCH PIPE

PROPOSED CATCH BASINS AND S.D. LATERALS

PROPOSED STORM WATER INFILTRATION SWALE

PROPOSED METAL SLIDING GATE

PROPOSED 36-INCH STORM DRAIN

PROPOSED RETAINING WALL

PROPOSED PERIMETER 8.5' HIGH BLOCK WALL

10' SETBACK

CITY OF THOUSAND OAKS BOUNDRY

CITY OF SIMI VALLEY BOUNDRY

25% SLOPE LIMIT

JUNE 25, 2009

| REFERENCE DRAWINGS | REFERENCE DRAWINGS |
|---|---|

| NO. | REVISIONS | DATE | P.E. | QAE | SUPV | APPROVED | ENGR | CK'D | MADE | I.D. |
|---|---|---|---|---|---|---|---|---|---|---|

| NO. | REVISIONS | DATE | P.E. | QAE | SUPV | APPROVED | ENGR | CK'D | MADE | I.D. |
|---|---|---|---|---|---|---|---|---|---|---|

LOCATION: PRESIDENTIAL SUBSTATION

CONCEPTUAL GRADING AND DRAINAGE PLAN

SOUTHERN CALIFORNIA EDISON An EDISON INTERNATIONAL Company

SHEET NO. C-1

SCALE: 1"=25'-0"

1 OF 1 SHTS.

DWG. LIST M=_____ SH._____

* REVISE ON AUTOCAD SYSTEM ONLY *

C:\Documents and Settings\kao\My Documents\VA_Projects\Presidential (formerly Simi) Substation\Design\Preliminary\Post Trans.Mtg 8.6.08\PRESIDENTIAL_GP_r8.29.08.dwg 1/26/2009 3:47:09 PM PST

SCE E4-652-CADD 03-85