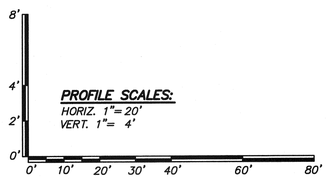
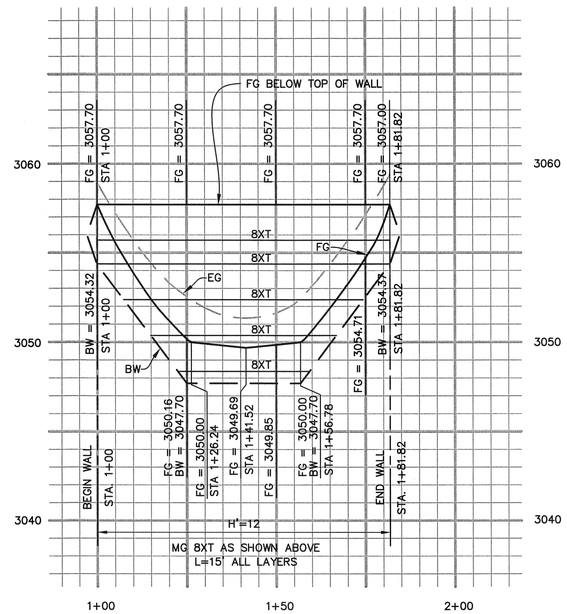




WALL 4 PROFILE

STA. 1+00 TO 1+81.82

LEGEND

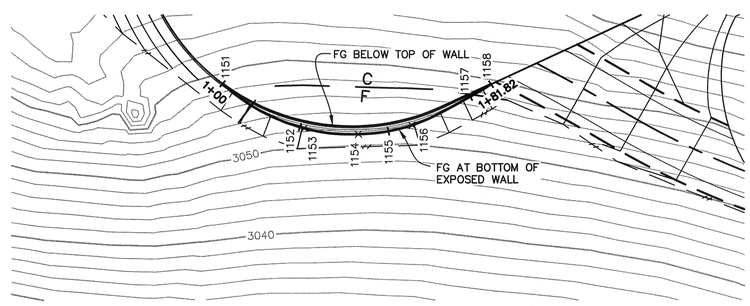
TW	TOP OF MSE STRUCTURE
BW	BOTTOM OF MSE STRUCTURE
FG	FINISH GRADE
MG	MIRAGRID GEOSYNTHETIC REINFORCING
EG	EXISTING GRADE
L	GEOGRID LENGTH
H	TOTAL WALL DESIGN HEIGHT
H'	EXPOSED WALL DESIGN HEIGHT
H_{EMB}	WALL EMBEDMENT DESIGN HEIGHT
#XT	DENOTES TYPE OF MIRAGRID REINFORCING REQUIRED
	FACE OF WALL
1002 ×	HORIZONTAL CONTROL POINT
1003 +	HORIZONTAL CONTROL POINT AT ALIGNMENT STATION

NOTES

1. THIS SHEET IS NOT A GRADING PLAN. SEE GRADING PLANS FOR MORE INFORMATION.
2. GEOGRID LENGTHS ARE MEASURED FROM THE BACK OF BLOCK.
3. ALL IRRIGATION LINES ARE TO BE INSTALLED ALONG THE FACE OF THE WALL. REFER TO LANDSCAPE PLANS FOR IRRIGATION DETAILS.
4. SEE CIVIL PLANS FOR TYP. DRAINAGE DETAILS.
5. GEOGRID WILL NOT BE PLACED CLOSER THAN THREE COURSES BELOW FINISH GRADE AND NO FURTHER THAN FIVE COURSES.
6. GEOGRID LOCATIONS AND LENGTHS SHOWN ON THE PROFILE TAKE PRECEDENT OVER THE VALUES SHOWN IN THE DESIGN CHART ON SCR-C-037.

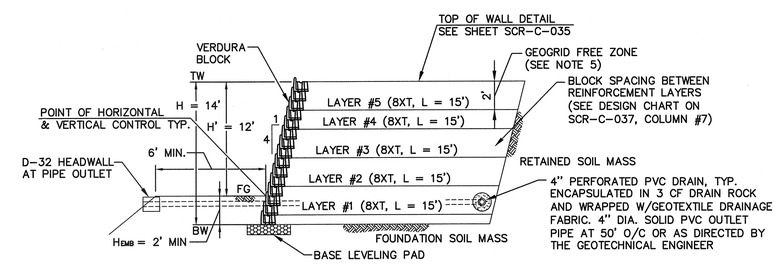
HORIZONTAL CONTROL TABLE

POINT	N	E	FG ELEV	STA
1151	1873447.0640	6429079.1019	3057.70	1+00.00
1152	1873461.5246	6429099.2068	3050.16	1+25.00
1153	1873462.4590	6429100.0208	3050.00	1+26.24
1154	1873475.5061	6429107.8673	3049.69	1+41.52
1155	1873483.5131	6429110.6353	3049.85	1+50.00
1156	1873490.1792	6429111.8532	3050.00	1+56.78
1157	1873508.3648	6429111.4272	3054.71	1+75.00
1158	1873515.1348	6429110.6798	3057.70	1+81.82



WALL 4 PLAN

STA. 1+00 TO 1+81.82



NOTE: ACTUAL MAX WALL HEIGHT, H = 10'-0"±
MAX DESIGN WALL HEIGHT, H = 14'

WALL 4 MAX DESIGN SECTION

NOT TO SCALE

REGISTERED PROFESSIONAL ENGINEER CHRISTOPHER A. RAMER 71833 Exp. 12-31-10 CIVIL STATE OF CALIFORNIA
3/30/10

NOLTE
BEYOND ENGINEERING

REVISIONS

NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SUNCREST SUBSTATION

MSE WALL 4 PLAN/PROFILE

DRAWN BY:	NS	DATE:	3/24/10	SCALE:	1"=20'	W.O.: –	REV.: 0
CHECKED BY:	RWM	DATE:	–				
APPROVED BY:	CR	DATE:	–	SHEET 31 OF 66			
CAD NO.:	GP31	PLOT SCALE:	1=1				

SCR-C-031

N:\SDR039600\CADD\USFS\CIVIL\GP\GP31
XREFS: