

**WALL 1 PROFILE**  
STA. 1+00 TO 3+12.69

**LEGEND**

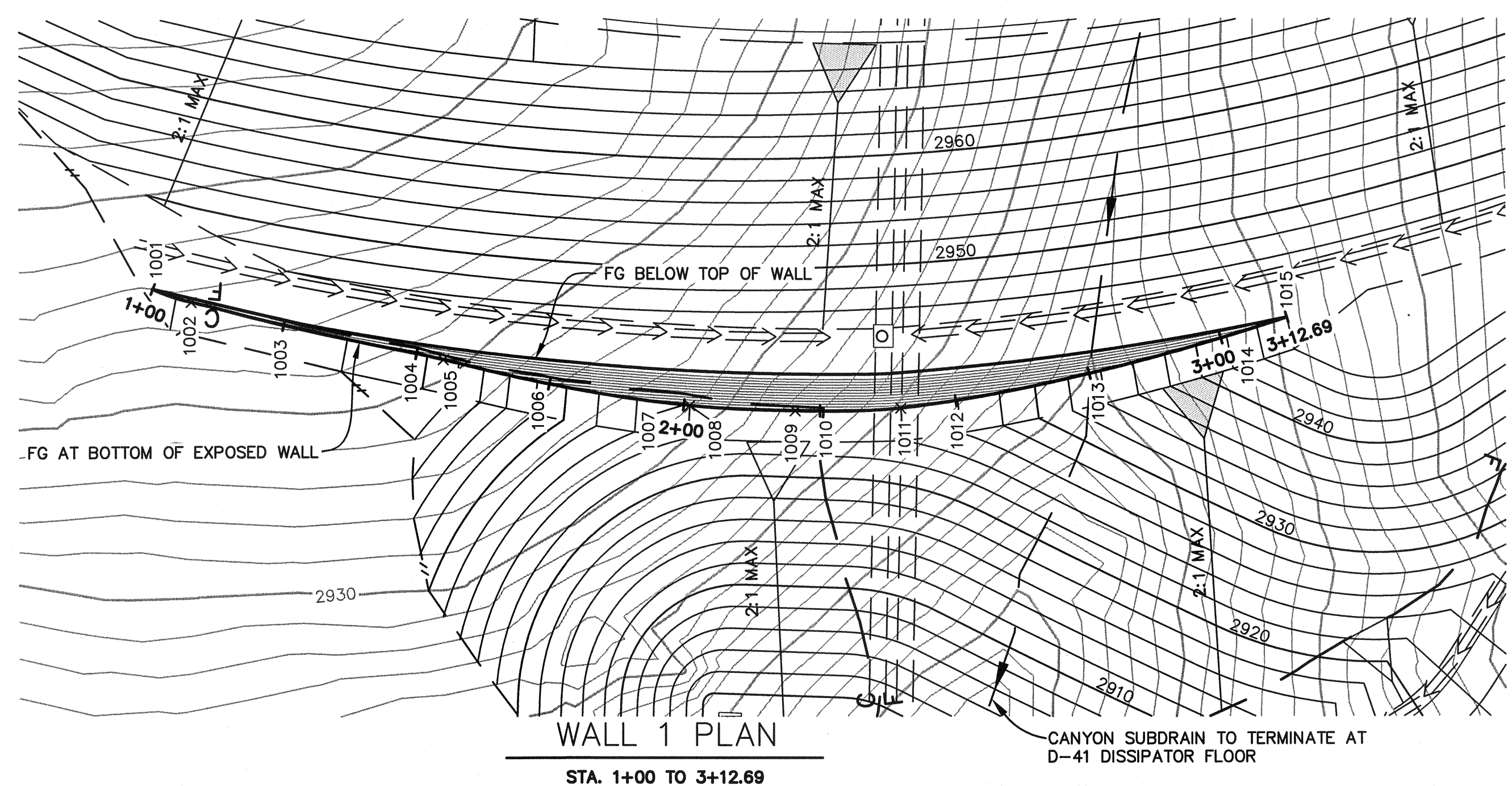
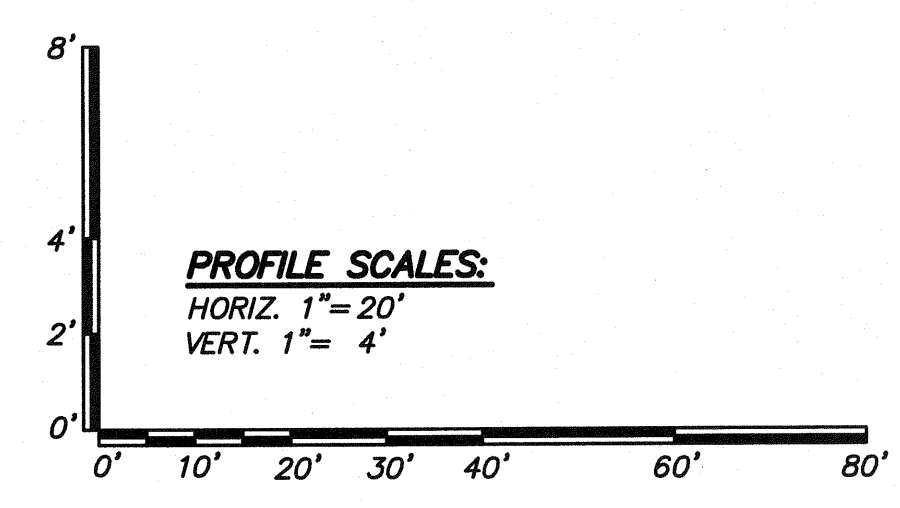
- TW TOP OF MSE STRUCTURE
- BW BOTTOM OF MSE STRUCTURE
- FG FINISH GRADE
- MG MIRAGRID GEOSYNTHETIC REINFORCING
- EG EXISTING GRADE
- L GEOGRID LENGTH
- H TOTAL WALL DESIGN HEIGHT
- H' EXPOSED WALL DESIGN HEIGHT
- H<sub>emb</sub> WALL EMBEDMENT DESIGN HEIGHT
- #XT DENOTES TYPE OF MIRAGRID REINFORCING REQUIRED
- ▨ FACE OF WALL
- 1002x HORIZONTAL CONTROL POINT
- 1003 HORIZONTAL CONTROL POINT AT ALIGNMENT STATION

**NOTES**

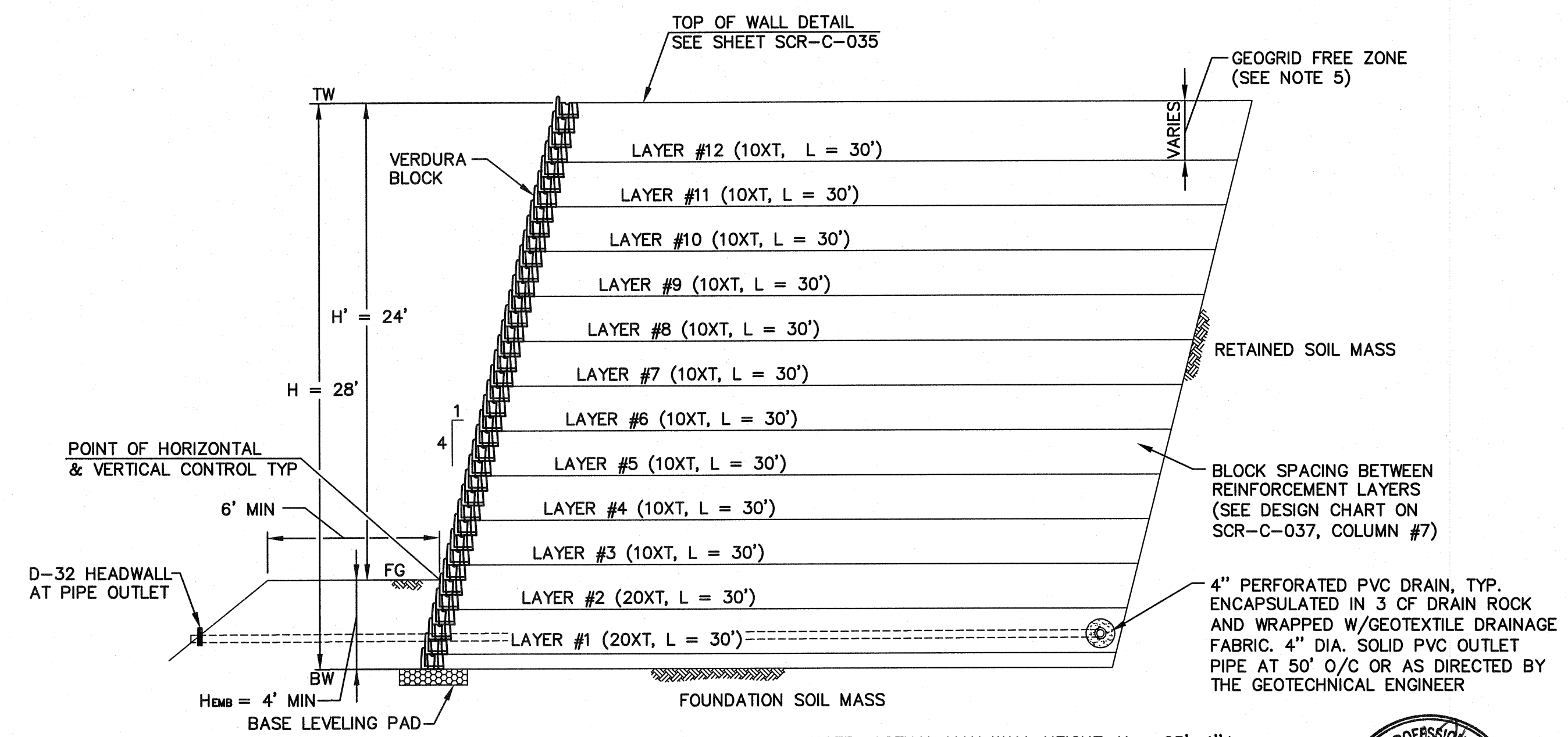
1. THIS SHEET IS NOT A GRADING PLAN. SEE GRADING PLANS FOR MORE INFORMATION.
2. GEOGRID LENGTHS ARE MEASURED FROM THE BACK OF BLOCK.
3. ALL IRRIGATION LINES ARE TO BE INSTALLED ALONG THE FACE OF THE WALL. REFER TO LANDSCAPE PLANS FOR IRRIGATION DETAILS.
4. SEE CIVIL PLANS FOR TYP. DRAINAGE DETAILS.
5. 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 PRECEDENCE OVER THE VALUES SHOWN IN THE DESIGN CHART ON SCR-C-037.

**HORIZONTAL CONTROL TABLE**

POINT	N	E	FG ELEV	STA
1001	1873291.6760	6427757.8381	2946.00	1+00.00
1002	1873285.0051	6427761.2397	2944.15	1+07.50
1003	1873270.0920	6427770.3930	2942.74	1+25.00
1004	1873249.2289	6427784.1655	2940.21	1+50.00
1005	1873245.0343	6427786.8851	2938.99	1+55.00
1006	1873228.1958	6427797.6735	2931.19	1+75.00
1007	1873208.2212	6427812.6891	2924.33	2+00.00
1008	1873207.3855	6427813.3732	2924.21	2+01.08
1009	1873193.2126	6427826.5690	2923.67	2+20.45
1010	1873190.0192	6427829.8101	2923.71	2+25.00
1011	1873180.0613	6427840.7773	2924.20	2+39.82
1012	1873174.0223	6427848.9724	2925.97	2+50.00
1013	1873160.4937	6427869.9883	2933.31	2+75.00
1014	1873148.2825	6427891.7993	2941.63	3+00.00
1015	1873142.5563	6427903.1234	2946.00	3+12.69



**WALL 1 PLAN**  
STA. 1+00 TO 3+12.69



**WALL 1 MAX DESIGN SECTION**  
NOT TO SCALE

**REVISIONS**

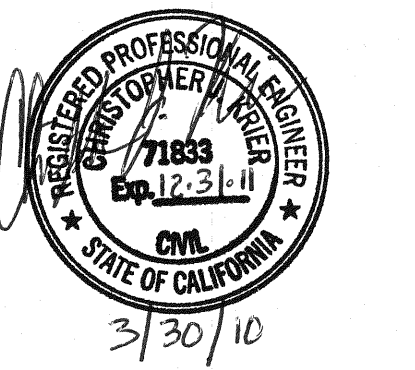
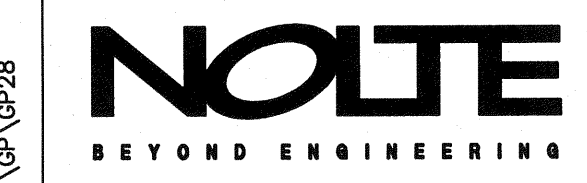
NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	WORK DONE	DATE:	BY:	APP'D:	NO.	

SAN DIEGO GAS & ELECTRIC COMPANY  
SAN DIEGO, CALIFORNIA

**SUNCREST SUBSTATION**  
MSE WALL 1 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 28 OF 66  
 CAD NO.: GP28 PLOT SCALE: 1=1

SCR-C-028



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