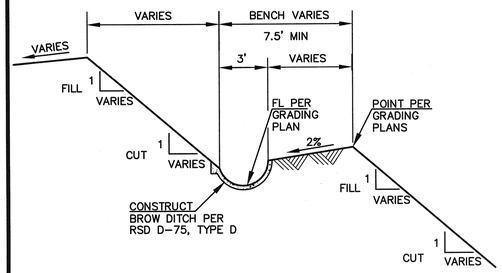
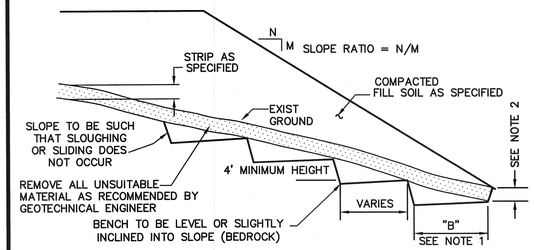


A TERRACE DETAIL

NO SCALE



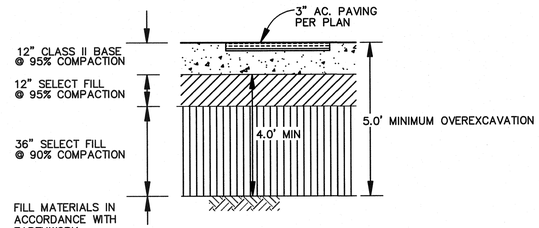
FORMATIONAL MATERIAL

NOTES:
1. THE MINIMUM WIDTH "B" OR KEY SHALL BE 2 FEET WIDER THAN THE COMPACTION EQUIPMENT, AND NOT LESS THAN 10 FEET.
2. THE OUTSIDE EDGE OF BOTTOM KEY SHALL BE BELOW TOPSOIL OR LOOSE SURFACE MATERIAL AND EXPOSE DENSE FORMATIONAL MATERIAL.

KEYS ARE REQUIRED WHERE THE NATURAL SLOPES ARE STEEPER THAN 6 HORIZONTAL TO 1 VERTICAL, OR WHERE SPECIFIED BY GEOTECHNICAL ENGINEER.

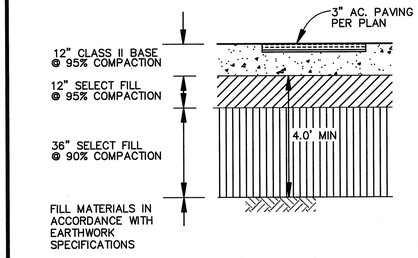
B BENCHING DETAIL

NO SCALE



C TYPICAL SUBSTATION SECTION – CUT

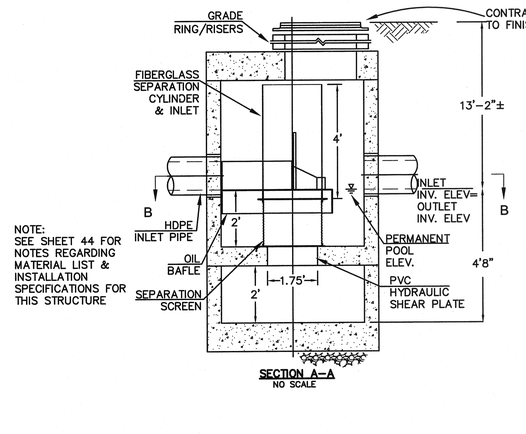
NO SCALE

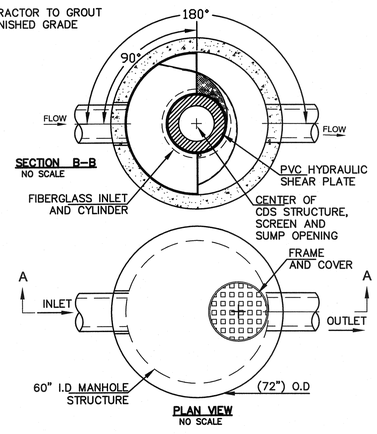


NOTE
1. ALL OVERSIZE MATERIAL SHALL BE BURIED AT A DEPTH BELOW FINISH GRADE IN ACCORDANCE WITH EARTHWORK SPECIFICATIONS

D TYPICAL SUBSTATION SECTION – FILL

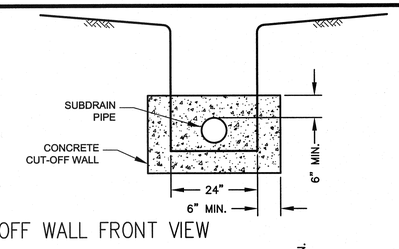
NO SCALE



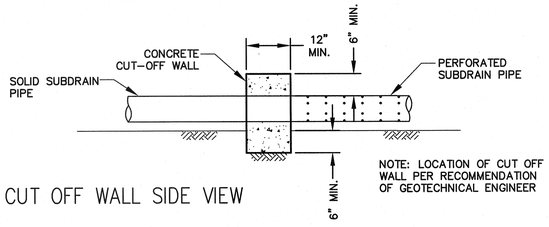


E WATER QUALITY UNIT – CONTECH CDS2015-5-43257-I.2

NO SCALE

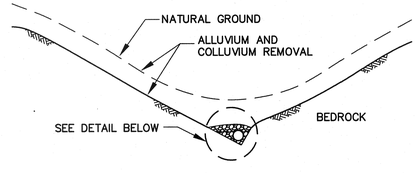


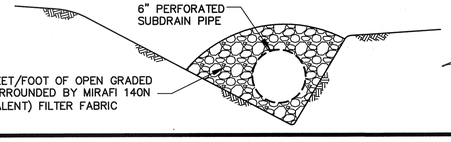
CUT OFF WALL FRONT VIEW



CUT OFF WALL SIDE VIEW

NOTE:
1. 6-INCH DIAMETER, SCHEDULE 80 PVC PERFORATED PIPE FOR FILLS IN EXCESS OF 100 FEET IN DEPTH.
2. 6-INCH DIAMETER, SCHEDULE 40 PVC PERFORATED PIPE FOR FILLS LESS THAN 100 FEET IN DEPTH.
3. FINAL 20' OF PIPE AT OUTLET SHALL BE NON-PERFORATED.

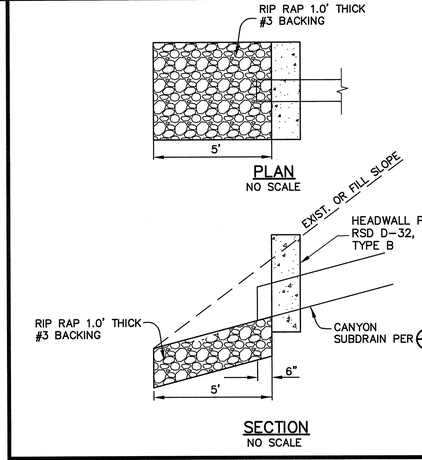




REGISTERED PROFESSIONAL ENGINEER
RICHARD W. MICKER
No. C63344
Exp. 6-30-10
CIVIL
STATE OF CALIFORNIA
5/30/10

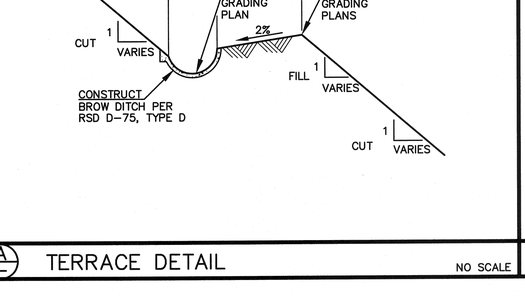
J TYPICAL CANYON SUBDRAIN DETAILS

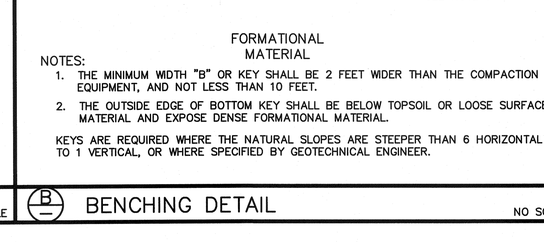
NO SCALE



G PIPE OUTLET AT CANYON SUBDRAIN

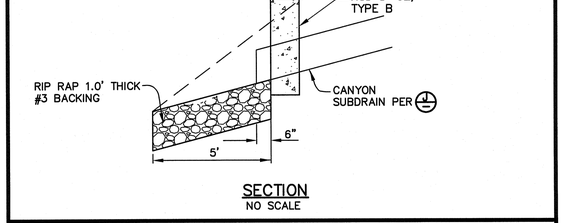
NO SCALE





H CHANNEL TO DRAINAGE STRUCTURE

NO SCALE



K AREA DRAIN FOR SPILLWAY

NO SCALE

NOLTE BEYOND ENGINEERING

REVISIONS

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

SAN DIEGO GAS & ELECTRIC COMPANY
SAN DIEGO, CALIFORNIA

SUNCREST SUBSTATION

GRADING AND DRAINAGE DETAILS

DRAWN BY:	MJ	DATE: 3/24/10	SCALE: AS SHOWN	W.O.: –	REV.: 0
CHECKED BY:	RWM	DATE: –			
APPROVED BY:	CR	DATE: –	SHEET 40 OF 66		SCR-C-040
CAD NO.:	GP40	PLOT SCALE: 1=1			

N:\SD8039600\LC4DD\USFS\CIVIL\GP\GP40
XREFS: