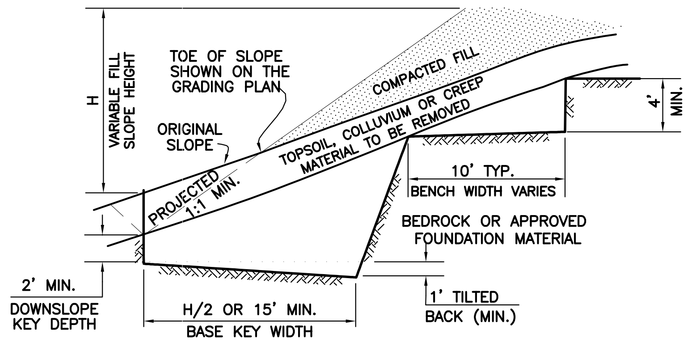
NOT PART OF THE SURVEY

20 0 20 40

GRAPHIC SCALE
SCALE : 1"=20'



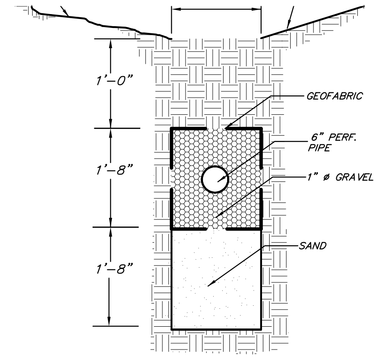
NOTE:
WHERE NATURAL SLOPE GRADIENT IS 5:1 OR LESS, THE NECESSITY FOR BENCHING SHALL BE DETERMINED BY THE PROJECT SOILS ENGINEER.

TYPICAL FILL ABOVE NATURAL SLOPE DETAIL

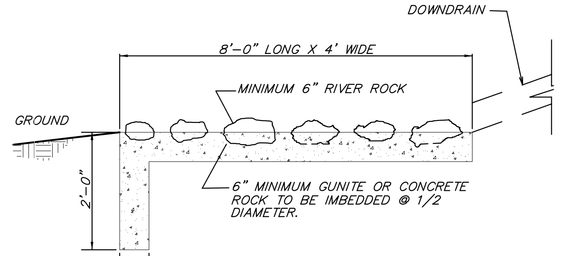
NOT TO SCALE

CONSTRUCTION NOTES:

1. CONSTRUCT EARTH SWALE PER DETAIL "A" HEREON.
2. CONSTRUCT RIP-RAP BLANKET PER DETAIL "B" HEREON.



EARTH SWALE (A)
NO SCALE



RIP-RAP BLANKET (B)
NO SCALE

CALCIVIC ENGINEERING GROUP
CONSULTING ENGINEERS & LAND SURVEYORS
CIVIL / STRUCTURAL / LAND SURVEYING
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TEL (626) 798-2828 FAX(626) 798-6644
E-MAIL calcivic@earthlink.net

REGISTERED PROFESSIONAL ENGINEER
IVAN W. K. CHU
No. C44672
EXP. 03/31/12
CIVIL
STATE OF CALIFORNIA

REVIEW BY STAFF	BY	DATE
TRAFFIC		
WATER		
SEWER		
PLANNING		

APPROVED BY

RAY HOLLAND
DIRECTOR OF PUBLIC WORKS
CITY OF RANCHO PALOS VERDES
DATE _____

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SHEET TITLE
GRADING PLAN
ROBERT E. RYAN PARK
FIELD IMPROVEMENTS
HAWTHORNE BLVD.
RANCHO PALOS VERDES, CA

PROJECT TITLE
ROBERT E. RYAN PARK
FIELD IMPROVEMENTS
HAWTHORNE BLVD.
RANCHO PALOS VERDES, CA

REVISIONS	DATE
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

DRAWN BY:	DH/PBN
CHECKED BY:	LW
PROJECT NO.	0808
DATE:	12/17/2010

LICENSED LANDSCAPE ARCHITECT
LISTE M. WITHERS 1977
Signature
8/31/2011
Renewal Date
12/17/2010
Date
STATE OF CALIFORNIA

SHEET OF 7