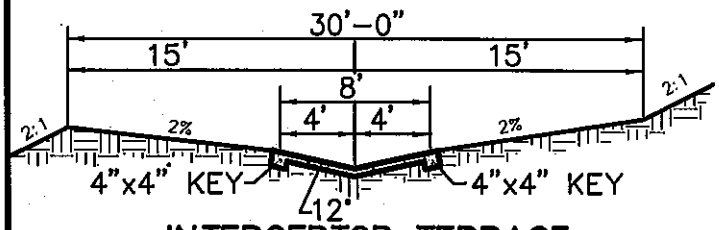
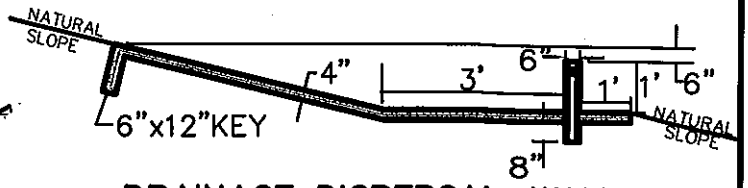
INTERCEPTOR AND DIVERTER TERRACE NOTES

1. TERRACES SHALL BE CONCRETE AND SHALL BE FORMED BEFORE POURING CONCRETE. FORMS SHALL BE SET TO GRADE AND ALIGNMENT AT ALL BREAKS IN THE CROSS-SECTIONS. THE CONCRETE SHALL BE SCREEDED TO CROSS-SECTION.
2. ALL TERRACES SHALL BE REINFORCED WITH 6"x6" – #10 WELDED WIRE FABRIC OR EQUIVALENT REINFORCING STEEL.
3. THE LONGITUDINAL SLOPE SHALL BE NOT LESS THAN 4% AND NOT MORE THAN 12%.
4. REQUIRED EVERY 25' OF VERT. HEIGHT FOR CUT & FILL SLOPE
5. A SINGLE RUN SHALL NOT EXCEED 150' TO A DOWN DRAIN.
6. ANY CHANGE IN THE RATE OF SLOPE SHALL INCREASE THE GRADE IN THE DIRECTION OF FLOW.



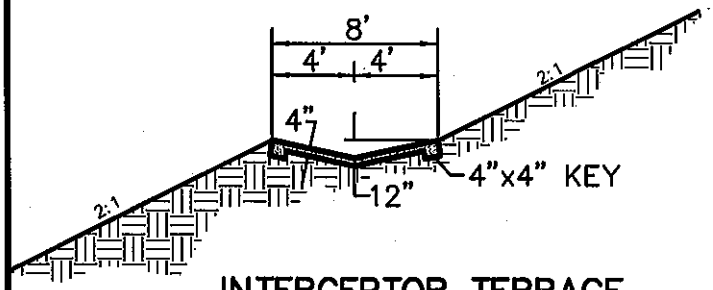
INTERCEPTOR TERRACE AND HORIZONTAL BENCH



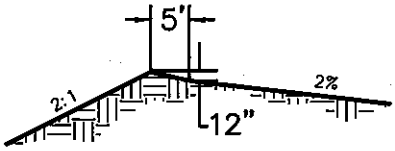
DRAINAGE DISPERSAL WALL

TO CONVERT CHANNEL FLOW TO SHEET FLOW

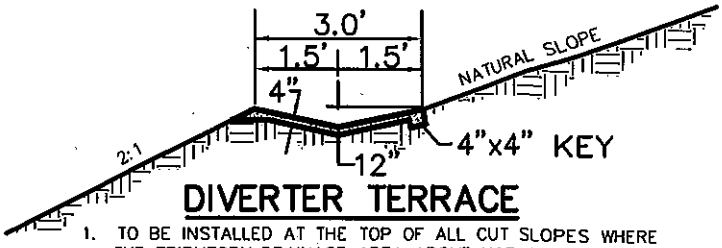
1. GROUT ALL CELLS AND OMIT ALLHEAD JOINTS FIRST COURSE
2. WALL TO BE LOCATED ALONG CONTOUR LINE TO ESTABLISH UNIFORM OVERFLOW OR SEEPAGE.
3. LENGTH OF WALL TO EQUAL LENGTH OF CONTOUR LINE AFFECTED BY GRADING.
4. DRAINAGE DISPERSAL WALLS SHALL BE REINFORCED WITH 6"x6" – #10 WELDED WIRE FABRIC OR EQUIVALENT REINFORCING STEEL.



INTERCEPTOR TERRACE

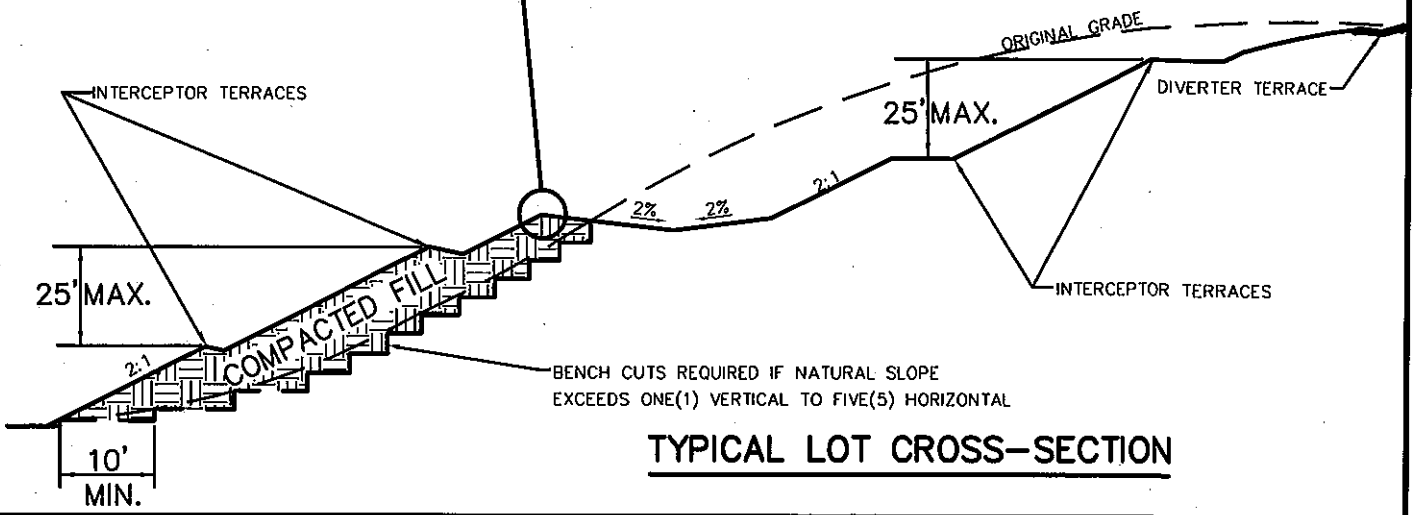


BERM DETAIL



DIVERTER TERRACE

1. TO BE INSTALLED AT THE TOP OF ALL CUT SLOPES WHERE THE TRIBUTORY DRAINAGE AREA ABOVE HAS A SLOPE EXCEEDING 10(TEN) HORIZONTAL TO 1(ONE) VERTICAL; AND A HORIZONTAL PROJECTION OF GREATER THAN 40 FEET.



TYPICAL LOT CROSS-SECTION

CITY OF SAN BUENAVENTURA

PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

DESIGNED BY: B.W.	TERRACE DRAINS AND TYPICAL LOT CROSS SECTION		STD. DET. NO. 501
DRAWN BY: bh			
CHECKED BY: K.W.			
APPROVED BY: Robert L. Williams LAND DEVELOPMENT ENGINEER	APPROVED BY R.C.E. CITY ENGINEER R.C.E. 37064	DATE 5-16-07	SHEET 1 of 1