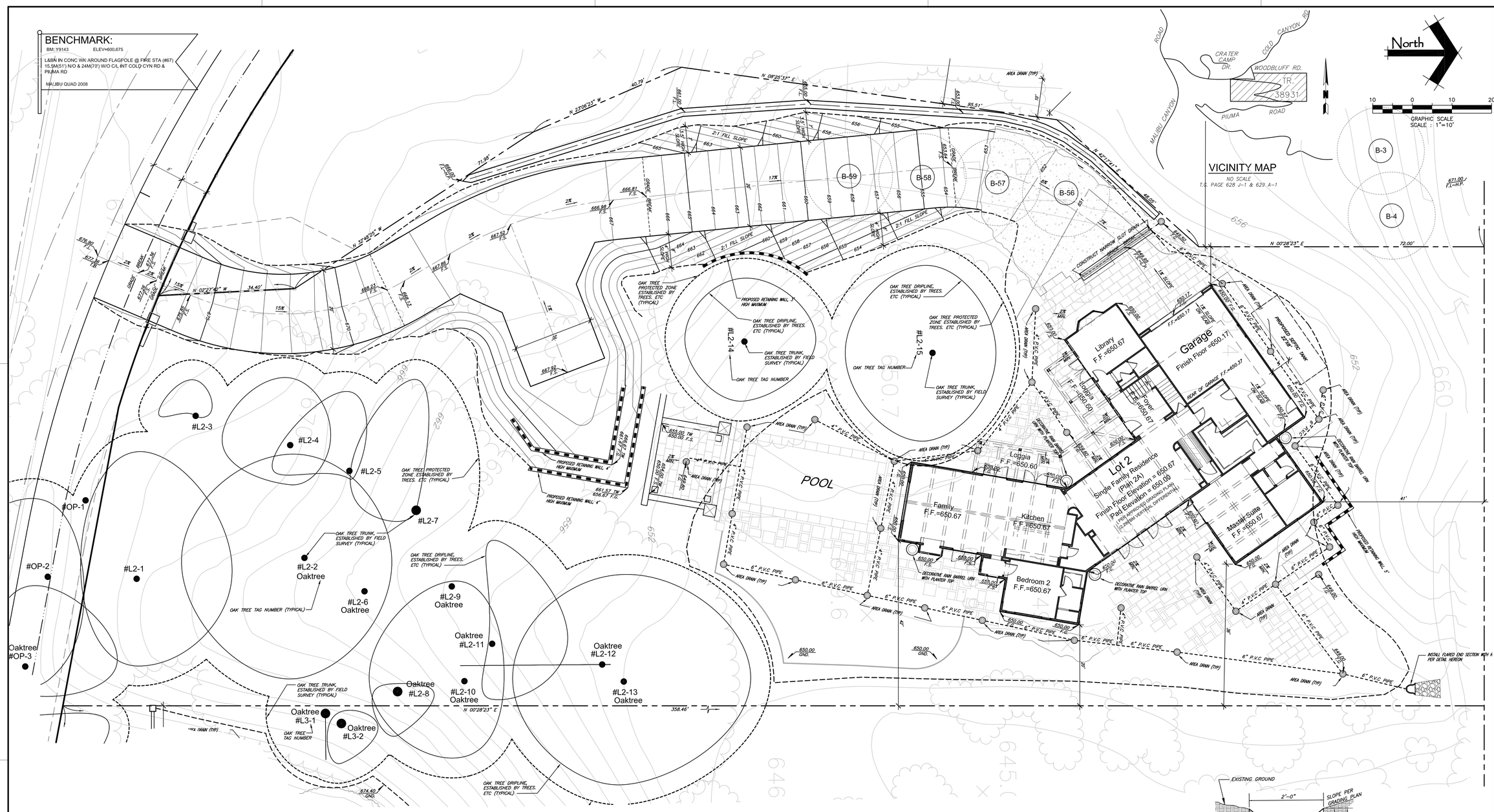
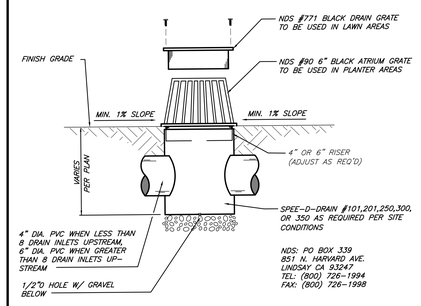
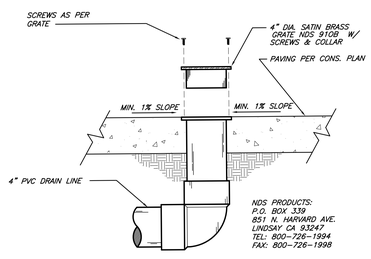




TYPICAL AREA DRAIN

NO SCALE



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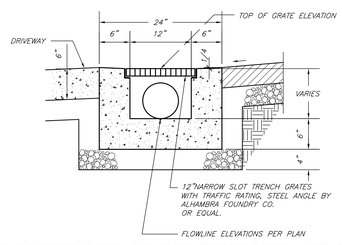

12" NARROW SLOT TRENCH GRATES

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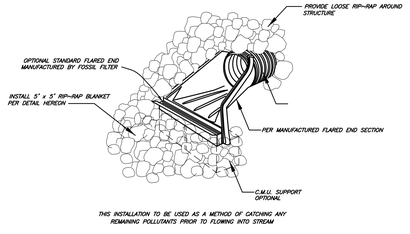

FLARED END SECTION

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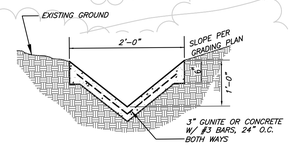
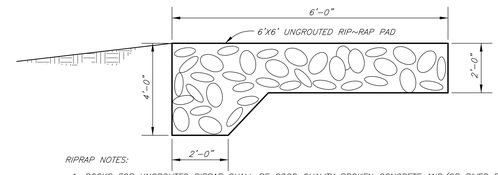


DRAINAGE SWALE

NO SCALE



RIPRAP NOTES:

1. ROCKS FOR UNGROUTED RIPRAP SHALL BE GOOD QUALITY BROKEN CONCRETE AND/OR RIVER RUN ROCK. THE SMALLEST DIMENSIONS SHALL EXCEED 3 INCHES AND THE LARGEST DIMENSION SHALL NOT EXCEED 18 INCHES. THE LARGEST DIMENSION SHALL NOT EXCEED 4 TIMES THE SMALLEST DIMENSION.
2. SURFACE ROCKS SHALL BE IMBEDDED FROM 1/2 TO 2/3 OF THEIR MAXIMUM DIMENSION. NOTE: CONCRETE MAY BE SUBSTITUTED FOR THE GROUT.

RIP-RAP BLANKET

NO SCALE

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email: CDD@civildesignandrafting.com
Civil Design & Drafting inc.

REVISION BLOCK

REV#	APPR	DATE	REVISION DESCRIPTION	ENGINEER	DATE

REGISTERED PROFESSIONAL ENGINEER IMAD ABOULHAWDAH No. 51299 Exp. 6-30-14 CIVIL STATE OF CALIFORNIA

CIVIL ENGINEER: PREPARED BY OR UNDER THE DIRECTION OF:
IMAD ABOULHAWDAH
PE No.: 51299
DATE Exp: 06/30/2014

TRACT MAP 38931

CONCEPT GRADING & DRAINAGE PLAN
FOR
TRACT MAP 38931 - LOT 2
ASSESSOR'S PARCEL NO: 4456-038-002

SCALE: AS NOTED DATE: 12/22/2013

SHEET:
C-1
OF 1 SHEETS

C:\Projects\Piuma Road\Site Plans\Lot 2 - Phase 2\Concept Grading Plan-Lot 2.dwg
11:16:03 12 / 21 / 2013