

PRELIMINARY CUT/FILL MAP

# THE VINEYARD AT MADEIRA

CITY OF ELK GROVE, COUNTY OF SACRAMENTO, CALIFORNIA

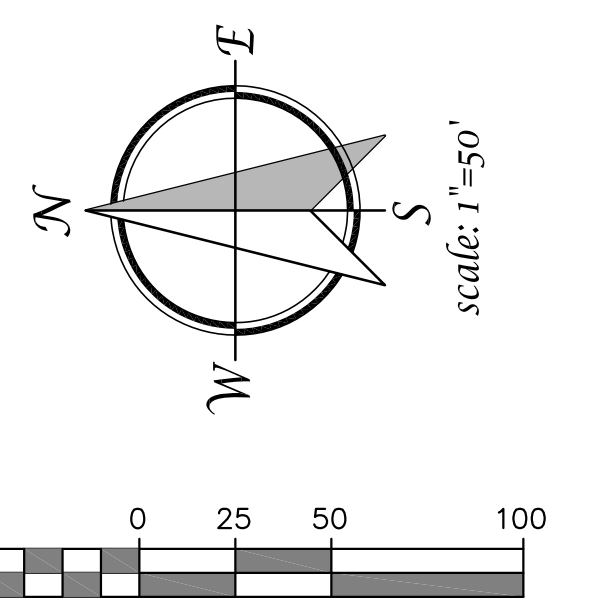
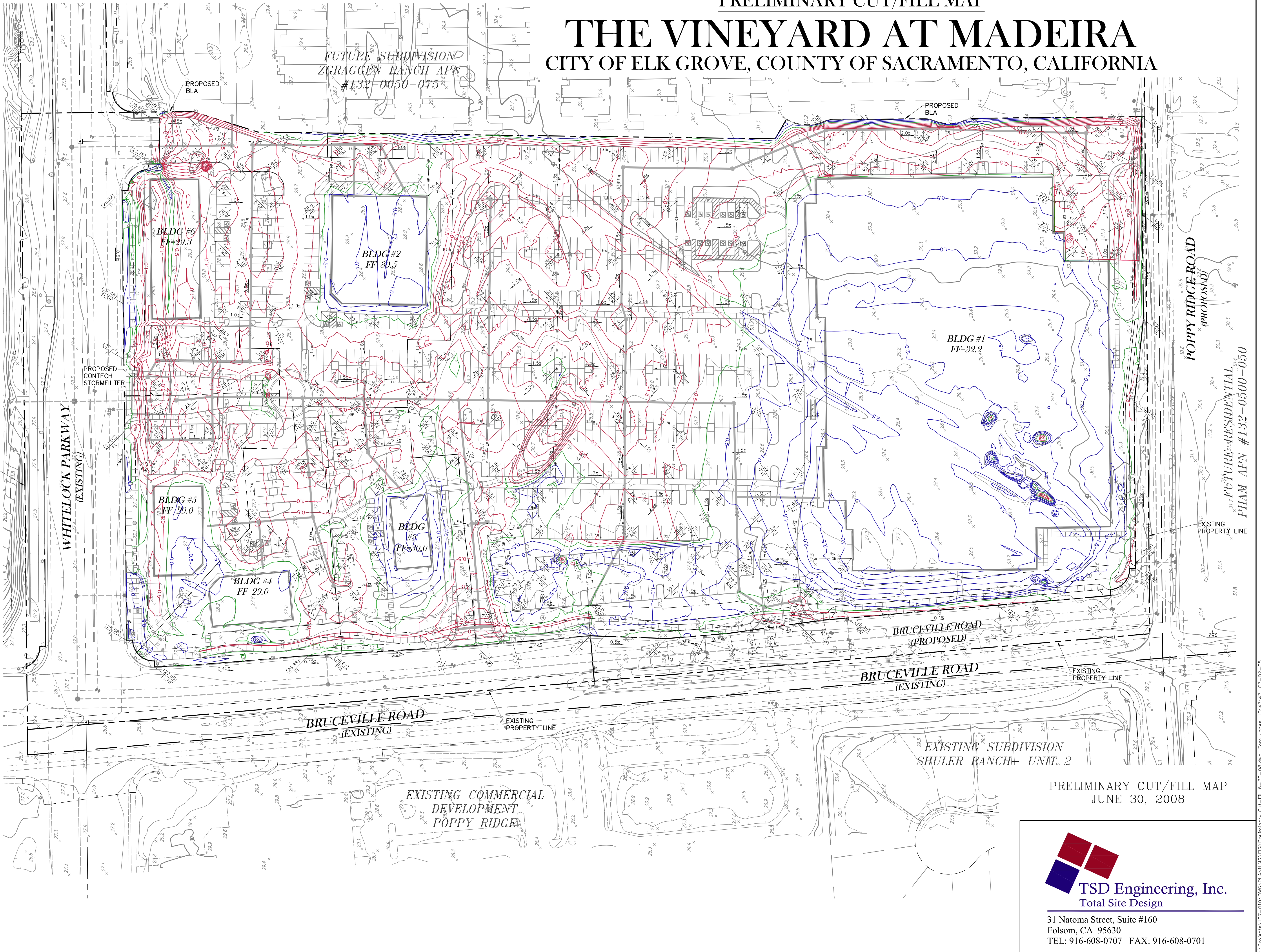
LEGEND	PROPOSED	EXISTING
DESIGN ELEVATION		
EXISTING SPOT ELEVATION		x 20.5
CONTOUR (5 FOOT)		
CONTOUR (1 FOOT)		
STORM DRAIN		
MANHOLE		
DROP INLET		
CUT CONTOUR		
FILL CONTOUR		
DAYLIGHT CONTOUR		

- NOTES**
- EARTHWORK NUMBERS ASSUME 1-FOOT STRUCTURAL SECTION FOR BUILDINGS.
  - EARTHWORK NUMBERS ASSUME AN AVERAGE PAVEMENT STRUCTURAL SECTION OF 15-INCHES FOR THE ENTIRE SITE (3' A.C. OVER 12' A.B.)

**LAGUNA RIDGE CENTRAL DRAINAGE CHANNEL**

EXISTING PROPERTY LINE

EARTHWORK		
ITEM	CUT (CY)	FILL (CY)
RAW QUANTITY	16,400	14,600
SHRINKAGE (15%)		2,200
CLEAR & GRUB		5,900 (3' OVER SITE)
TRENCH SPOILS	3,500 (EST.)	
ROAD SPOILS	5,000 (EST.)	
<b>TOTALS</b>	<b>+24,900</b>	<b>+22,700</b>



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JUNE 30, 2008

**TSD Engineering, Inc.**  
Total Site Design

31 Natoma Street, Suite #160  
Folsom, CA 95630  
TEL: 916-608-0707 FAX: 916-608-0701

P:\Projects\107-010\DWG\PLANNING\06 Preliminary Cut-Fill 8-30-08.dwg, Tom Jones, 10-47-47, 07-02-08