

EXISTING TOPOGRAPHY BASED ON AERIAL TOPOGRAPHY FLOWN MAY 2007 PROVIDED BY STEWART GEOTECHNOLOGIES VIA YOLO COUNTY AND INFORMATION PROVIDED BY GRANITE CONSTRUCTION COMPANY ON AUGUST 16, 2007 AND NOVEMBER 12, 2007. HORIZONTAL AND VERTICAL CONTROL FOR THE AERIAL TOPOGRAPHY IS BASED ON A CONTROL NETWORK TIED TO ANDREGG, INCORPORATED TO A NETWORK OF PUBLISHED BENCHMARKS. THE VERTICAL DATUM IS NGVD29.

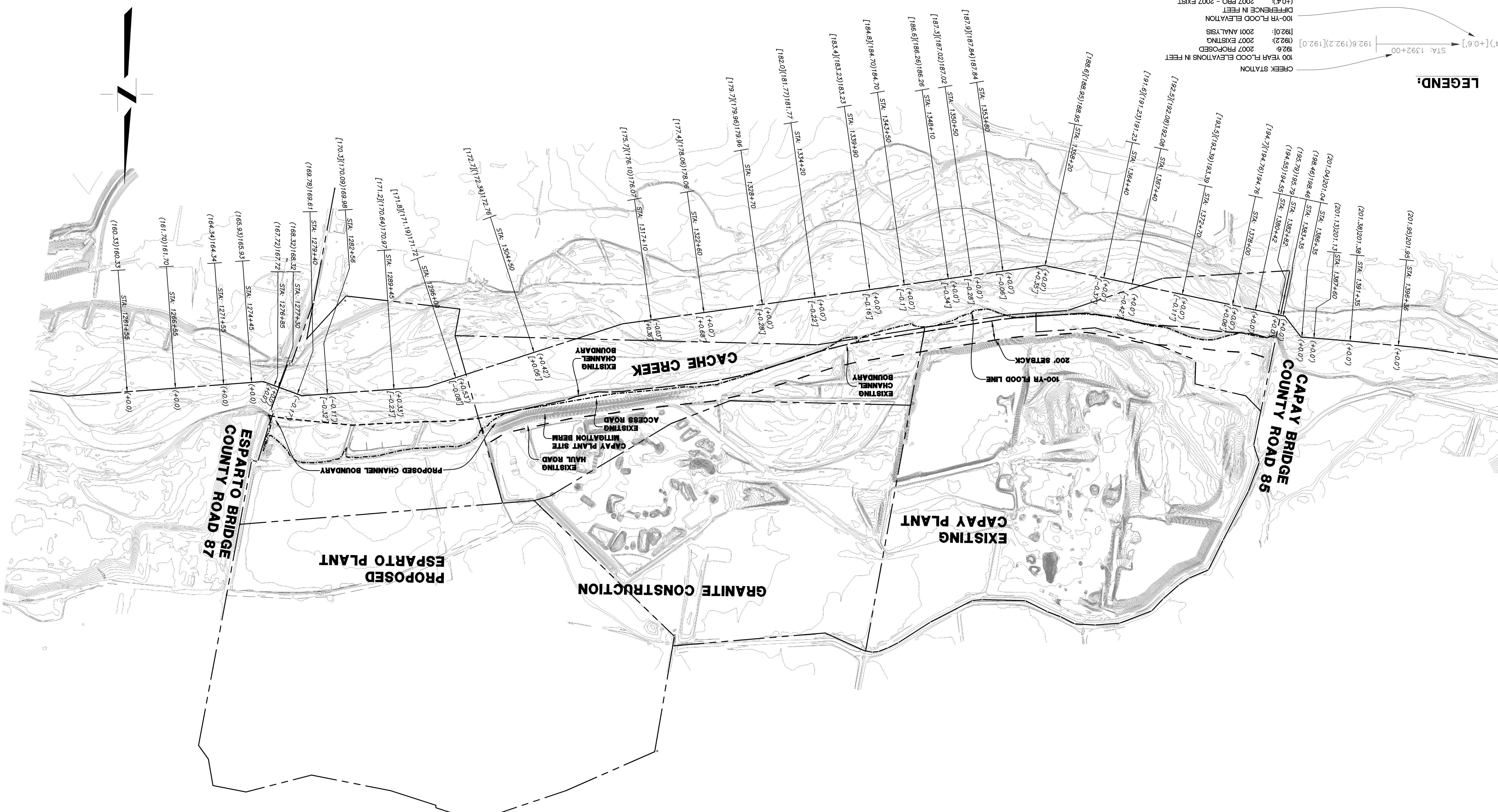
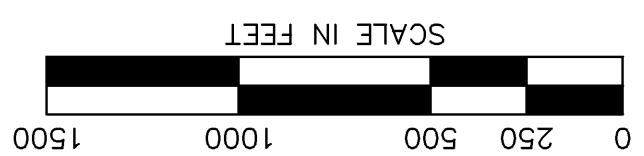
BENCHMARK:

- CREEK MODEL CENTERLINE
- PROPERTY LINE
- EXISTING CHANNEL BOUNDARY
- - - PROPOSED CHANNEL BOUNDARY REVISION
- - - 100 YR FLOOD LINE (PROPOSED CHANNEL ELEVATION)
- - - 200' SETBACK

LEGEND:

192.6 2007 PROPOSED
 (182.2) 2007 EXISTING
 (192.0) 2001 ANALYSIS
 DIFFERENCE IN FEET
 (H.4) 2007 PRO - 2007 EXIST
 (H.6) 2007 PRO - 2001 EXIST

- NOTES:**
1. 100-YEAR WATER SURFACE ELEVATIONS CALCULATED USING 100-YEAR FLOW (Q_{100})=61,500 CUBIC FEET PER SECOND BASED ON U.S. ARMY CORPS OF ENGINEERS "LOWER CACHE CREEK, YOLO COUNTY, CA-CITY OF WOODLAND AND VICINITY FLOOD REDUCTION STUDY," MARCH 12, 2001.
 2. 100-YEAR FLOOD ELEVATIONS ANALYSIS BASED ON MAY 2007 AERIAL TOPOGRAPHY AND NOVEMBER 2007 HEC-RAS HYDRAULIC MODEL.



**GRANITE CONSTRUCTION CACHE CREEK
 HYDRAULICS STUDY UPDATE
 APPROXIMATE 100-YEAR FLOOD ELEVATIONS**

DATE: 11/15/07
 JOB NO.: 598.11

1 OF 2 SHEETS



CUMMINGS ENGINEERS
 Project Planning • Civil Engineering • Landscape Architecture
 3940 Spillville Street, Suite 200 • Davis, CA 95618 • (530) 753-9200
 Sacramento Office • 201 20th Street, Suite Three • Sacramento, CA 95818 • (916) 455-0026

NO.	DATE	REVISIONS	BY	APPD.	DESIGNED BY	NC

DRAWN BY: NC
 CHECKED BY: SG
 SCALE: 1" = 500'