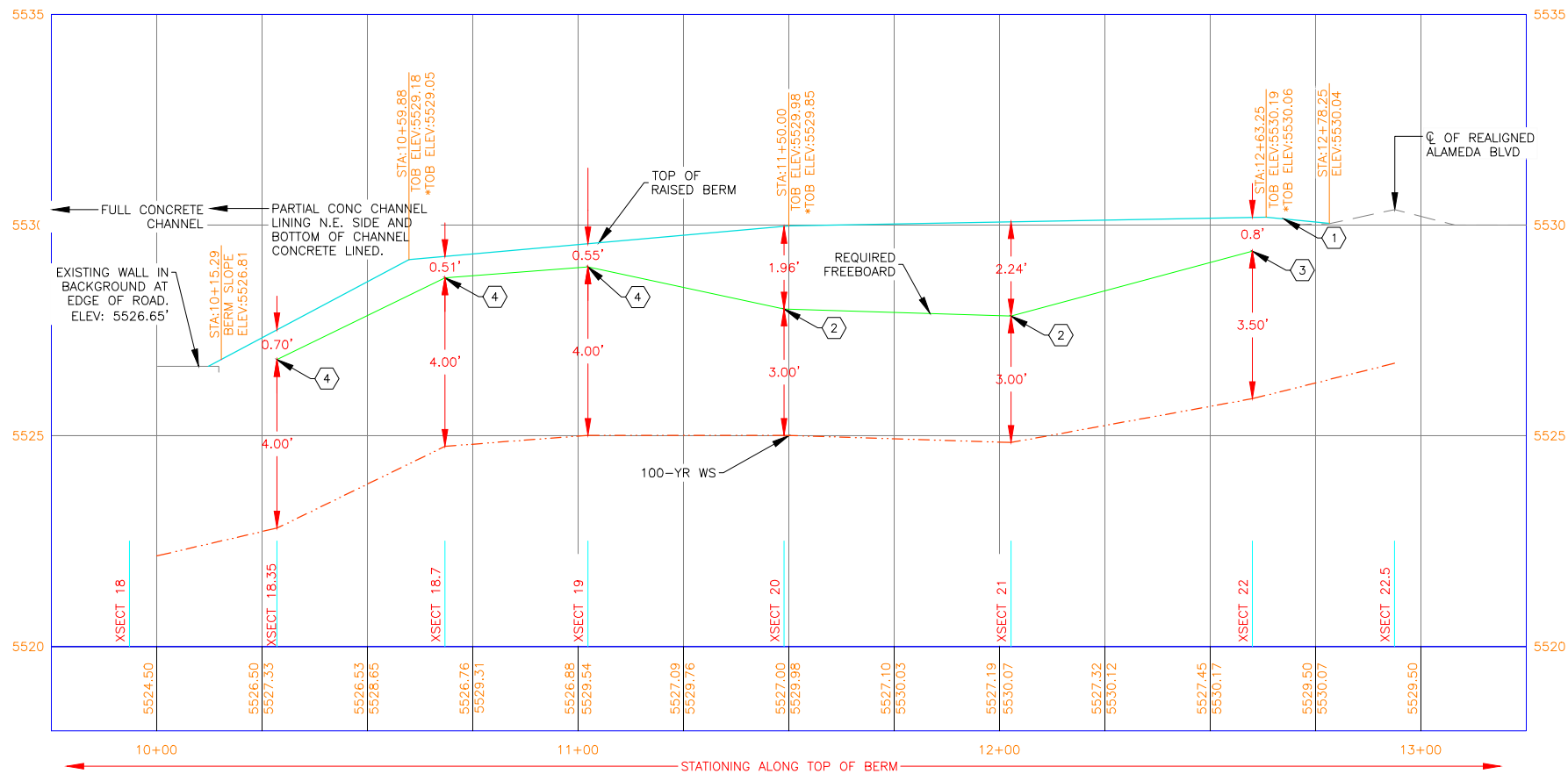
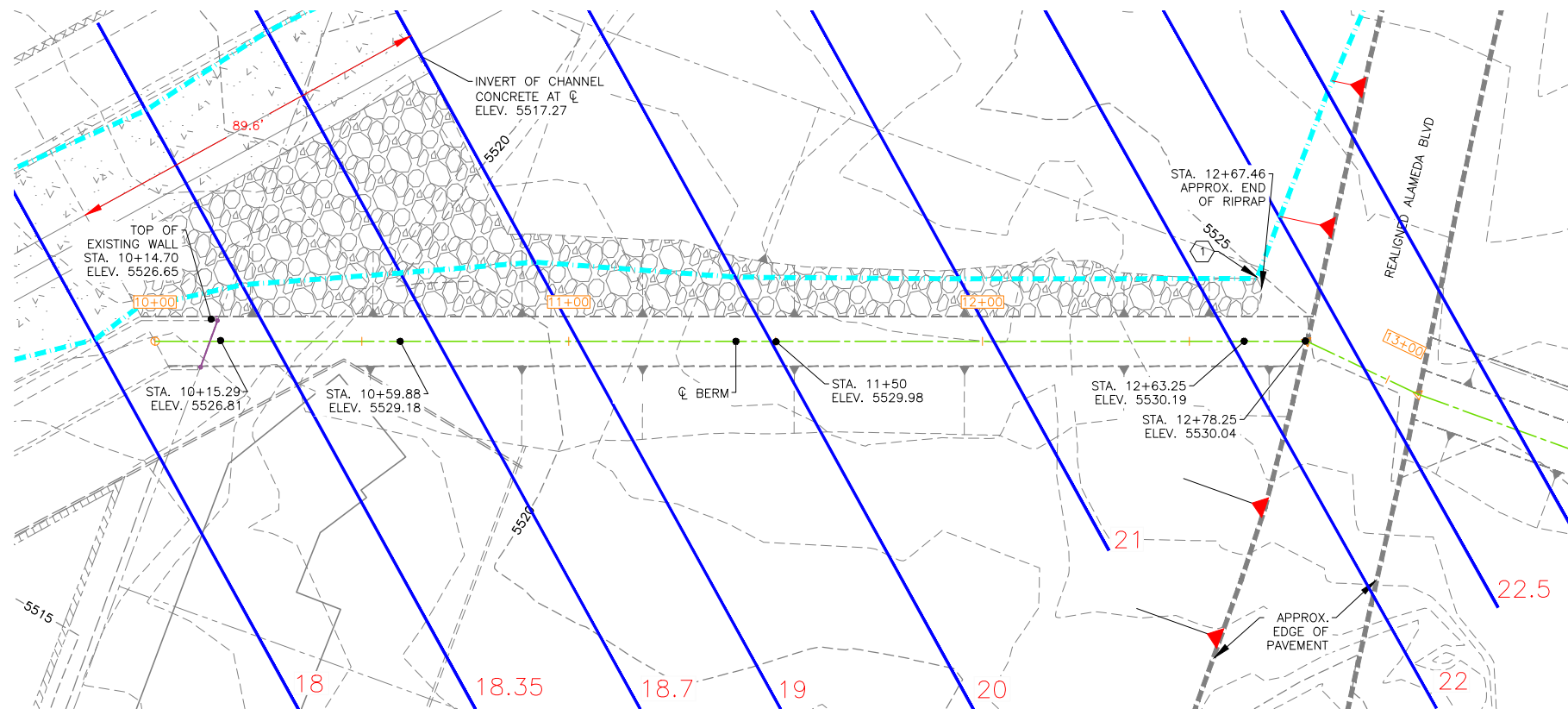


P:\COA05-060_LA_CUEVA_Channel\LOMRResponse 03-12\BermModPnP_0312.dwg waters Plotted: March 19, 2012 - 9:19am Layout: PLANPROFILE



KEYED NOTES

- POINT AT WHICH THE BASE FLOOD REACHES THE TOE OF THE BERM. BERM CONTINUES UPSTREAM BUT DOES NOT AFFECT BASE FLOOD ELEVATIONS.
- MINIMUM REQUIRED FREEBOARD PER 65.10(b)(1).
- ADDITIONAL ONE-HALF FOOT ABOVE THE MINIMUM AT UPSTREAM END OF LEVEE PER 65.10(b)(1).
- ADDITIONAL ONE FOOT ABOVE THE MINIMUM WITHIN 100 FEET OF A CONSTRUCTION PER 65.10(b)(1).

GENERAL NOTES

ALL STATIONING ON THIS SHEET REFERS TO THE ϕ OF THE TOP OF BERM.

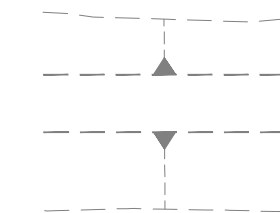
TERMINUS CLOSURE LOCATIONS:

UPSTREAM: REALIGNED ALAMEDA BLVD ROAD EMBANKMENT.

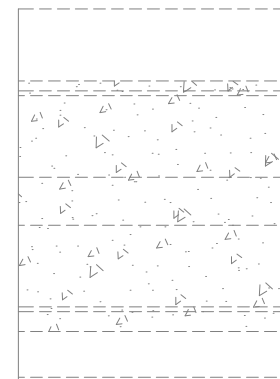
DOWNSTREAM: IMPROVED CONCRETE CHANNEL.

LEGEND

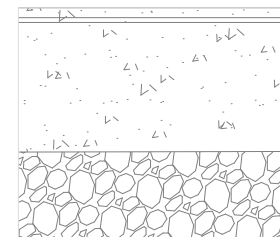
- TOB ELEV:9999.99 TOP OF BERM AS-BUILT ELEVATION PER 2/8/11 AS-BUILT SURVEY
- *TOB ELEV:9999.99 TOP OF BERM ELEVATION AFTER SETTLEMENT PER ATTACHED REPORT
- 5535 INDEX CONTOUR
- 21 INTERMEDIATE CONTOUR
- HEC-RAS CROSS SECTION
- REVISED 100-YR FLOODPLAIN



EXISTING EARTHEN BERM



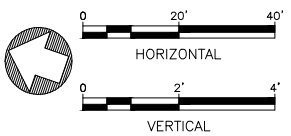
FULLY LINED CONCRETE CHANNEL DOWNSTREAM FROM BERM STATION 10+00



PARTIALLY LINED CONCRETE CHANNEL WITH WIRE TIED RIPRAP SLOPE PROTECTION (BERM STA 10+00 TO 10+64.4)



BERM MODIFICATION PLAN AND PROFILE



REVISIONS

NO.	KEY	DATE	DESCRIPTION

DESIGNED BY: EVD
DRAWN BY: CP, RW
REVIEWED BY: EVD
DATE: MARCH 2012

BENCH MARK

ZONE MAP NO. C-21

LA CUEVA CHANNEL
LOMR

PROJECT NO. 14580
SHEET 1 TOTAL 1