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 50-323 Diablo Canyon Nuclear Power Plant, Unit 2, Pacific Ga. 05000323
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SUBJECT: Provides updated info re damage sustained by west breakwater at facility. Damage is limited re length of breakwater, w/no significant displacement at toe of slope in damaged segment. No safety issue involved. Diagrams encl.

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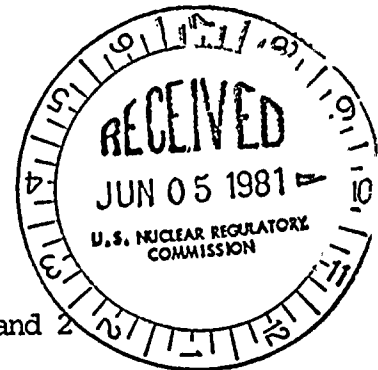
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U. S. Nuclear Regulatory Commission
Washington, DC 20555



Re: Docket No. 50-275
Docket No. 50-323
Diablo Canyon Units 1 and 2

Dear Mr. Miraglia:

This letter provides updated information regarding the damage sustained by the west breakwater at Diablo Canyon.

The underwater mapping and surveying program that we discussed in our March 27, 1981 response to the request for additional information has been essentially completed. The enclosed figures present the results of this survey insofar as actual breakwater damage is concerned. Figure 1 is the plan view of the damaged portion of the west breakwater and locates the sections through the structure depicted on Figure 2. The dotted rectangles on Figure 1 represent the displaced concrete cap blocks. On Figure 2, the as-surveyed cross-sections are shown together with the as-designed configuration. In addition the most severe assumed damage condition for which the safety-related features of the intake were qualified is superimposed on this figure for comparison.

Study of Figure 1 shows that the actual damage is very limited in terms of the length of the west breakwater involved with no significant displacement noted at the toe of the slope in the damaged segment. In our survey we found no other damage to the west breakwater nor did we find any damage to the east breakwater. Figure 2 demonstrates that this limited damage, although unlike that assumed in the original analysis, is nevertheless bounded by the original assumptions.

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Mr. Frank J. Miraglia, Jr.

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June 4, 1981

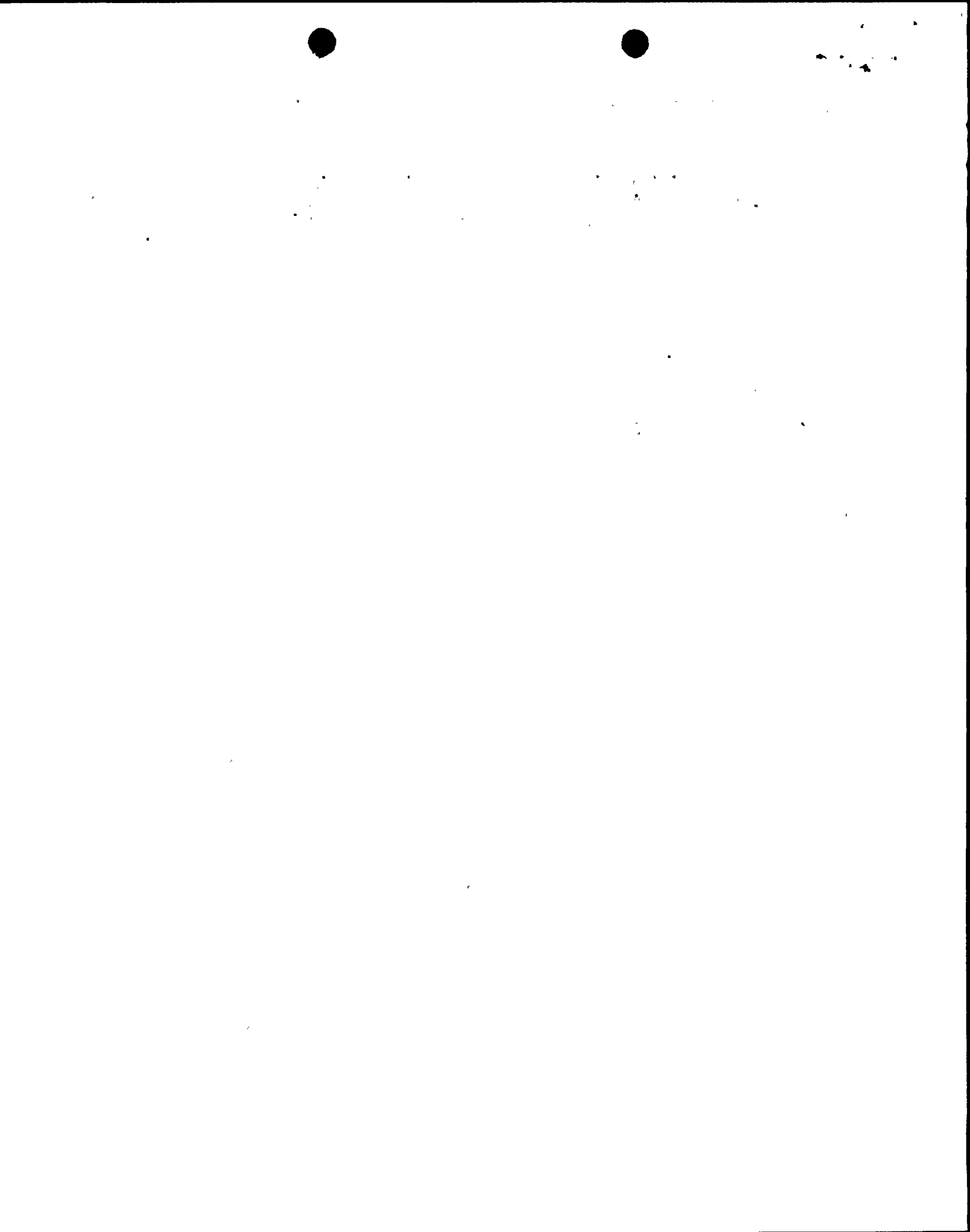
This additional information and findings confirm our previous assessment that there is no issue of safety involved in the breakwater damage at Diablo Canyon insofar as operation of the plant is concerned.

Very truly yours,

Philip A. Grane. ✓

Enclosures

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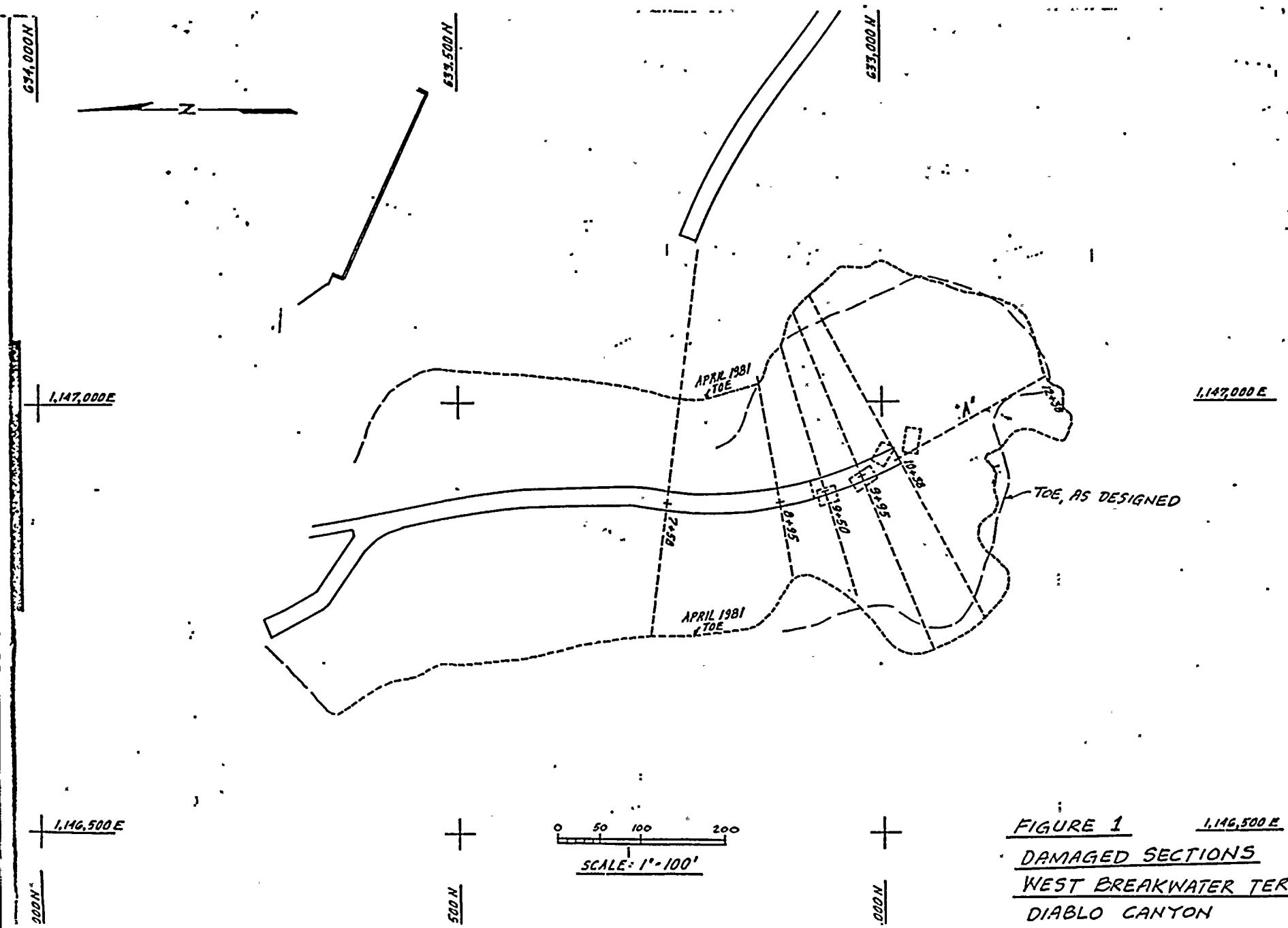
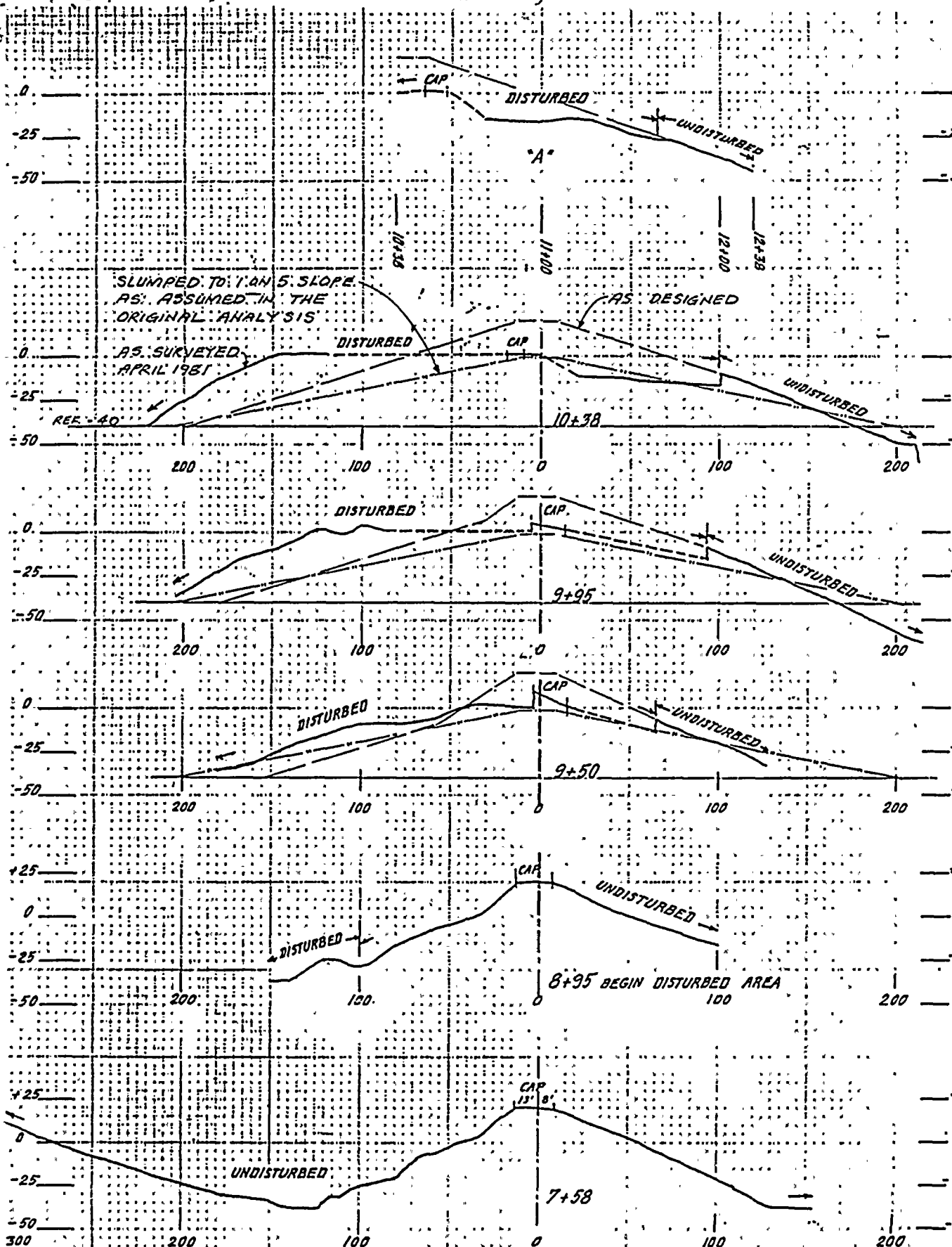


FIGURE 1
 DAMAGED SECTIONS
 WEST BREAKWATER TERMINUS
 DIABLO CANYON



Handwritten marks and scribbles in the top right corner.



SLUMPED TO 1 IN 5 SLOPE
AS ASSUMED IN THE
ORIGINAL ANALYSIS

AS SURVEYED
APRIL 1981

AS DESIGNED

NOTE:
Dashed lines: No survey data available.

H & V SCALE: 1" = 50'
VERTICAL DATUM = M.L.L.W.

FIGURE 2

