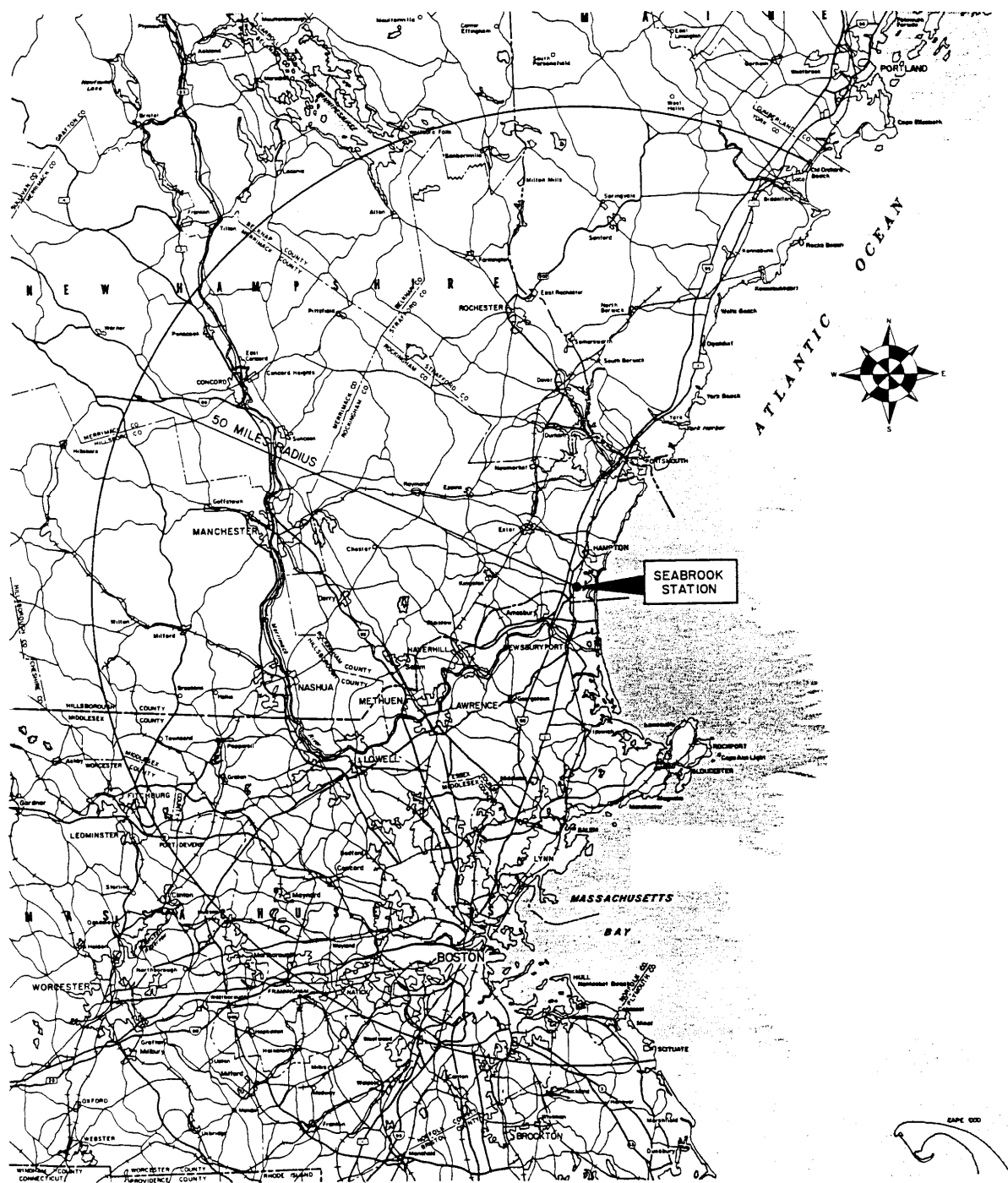
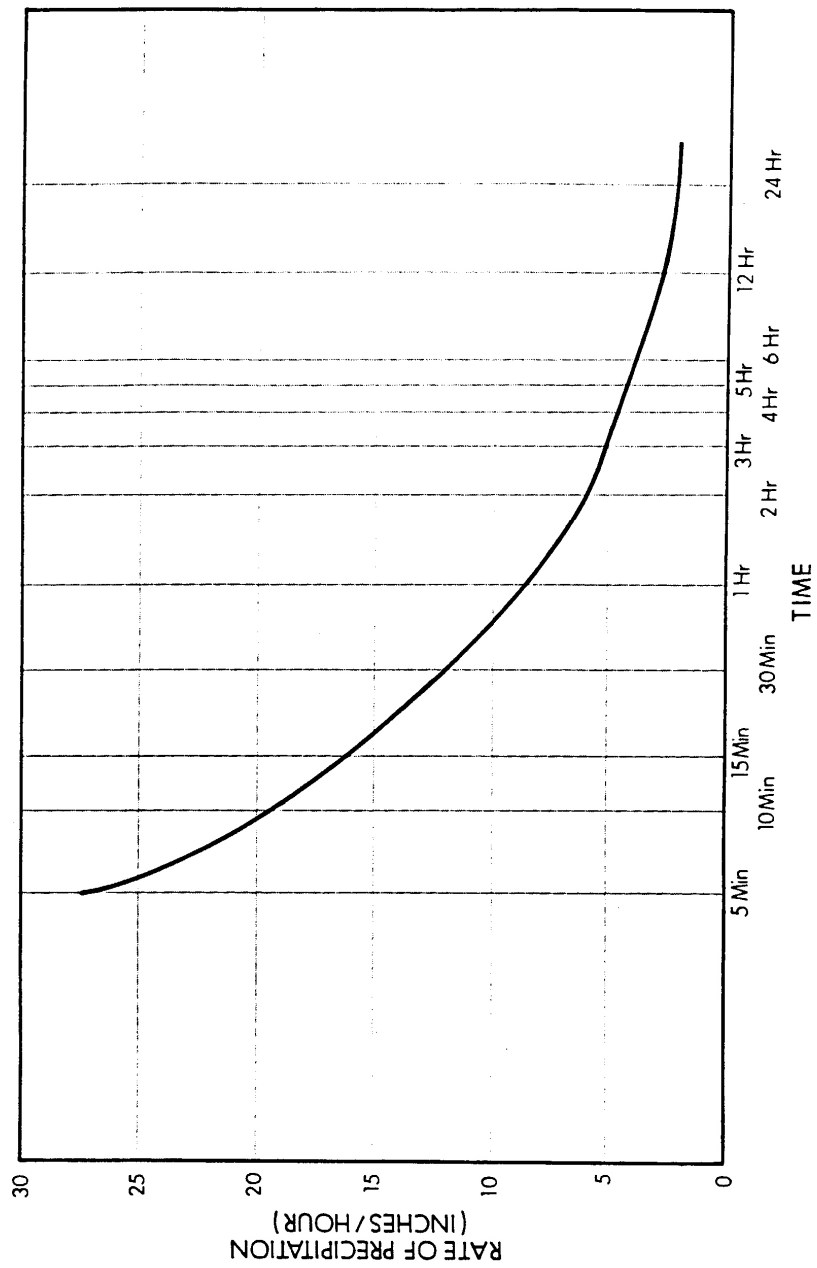


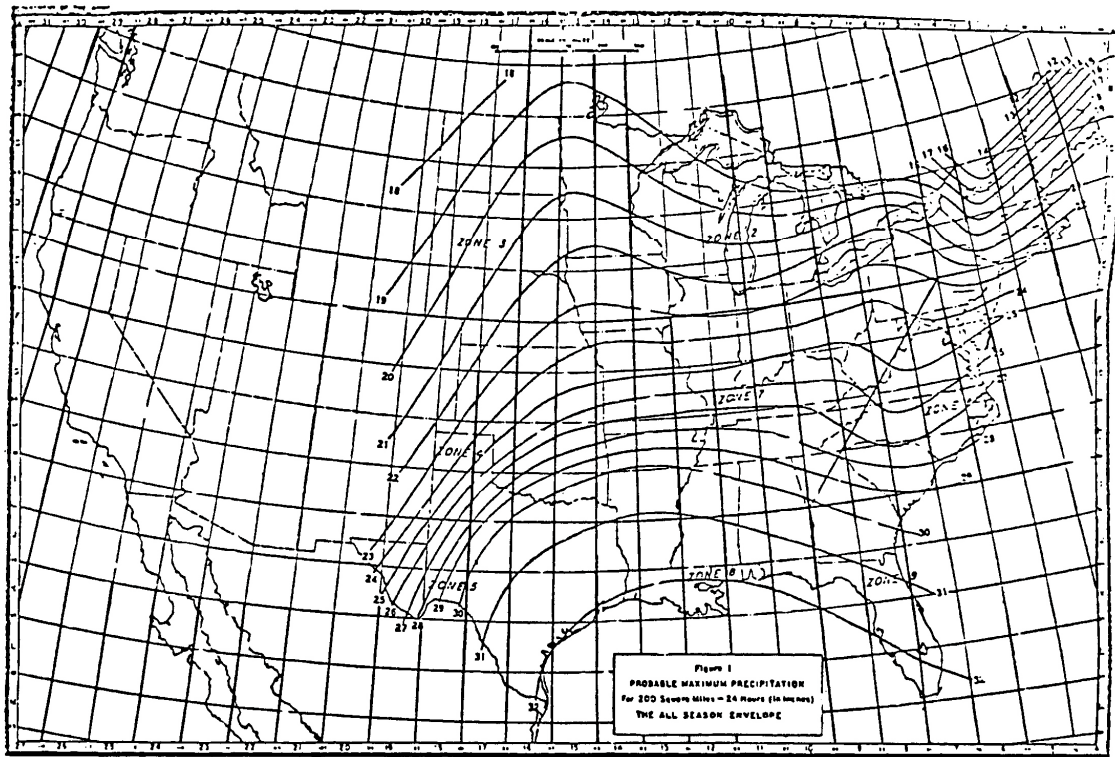
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Site Topography and Plot Plan	
		Figure 2.4-1



<p>SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT</p>	<p>Topographic Map Depicting Major Hydrologic Features of Region</p>	
		<p>Figure 2.4-2</p>

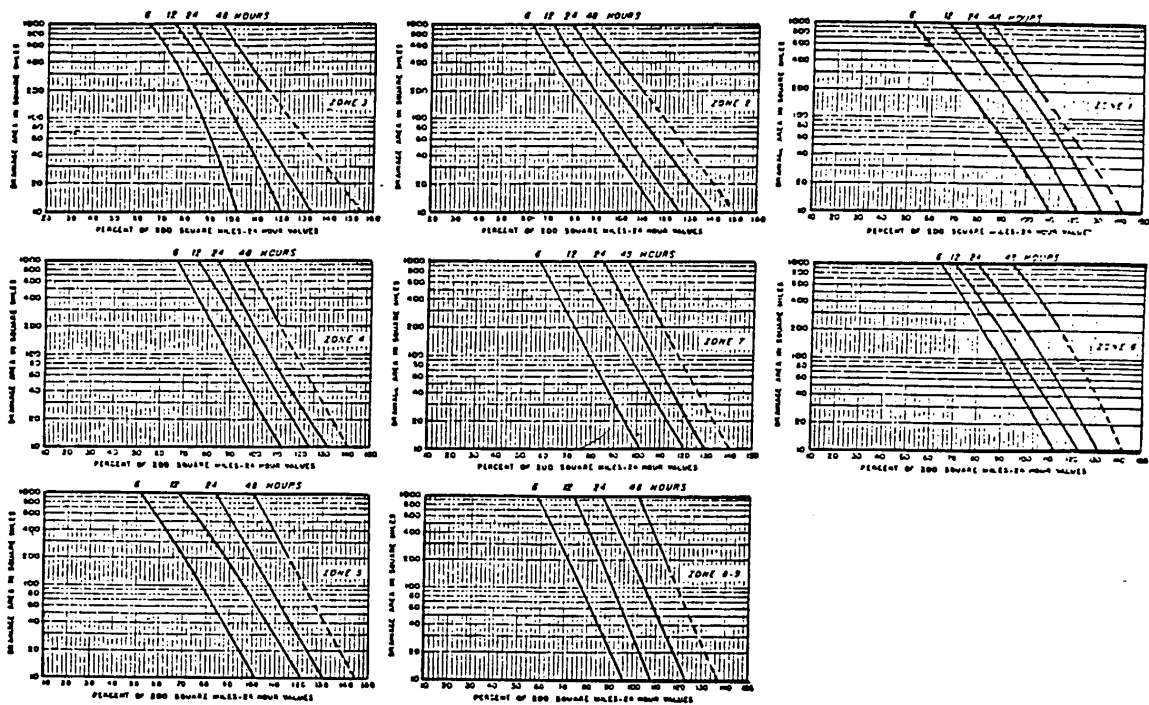


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Time Incremental Distribution of Local PMP	
		Figure 2.4-3

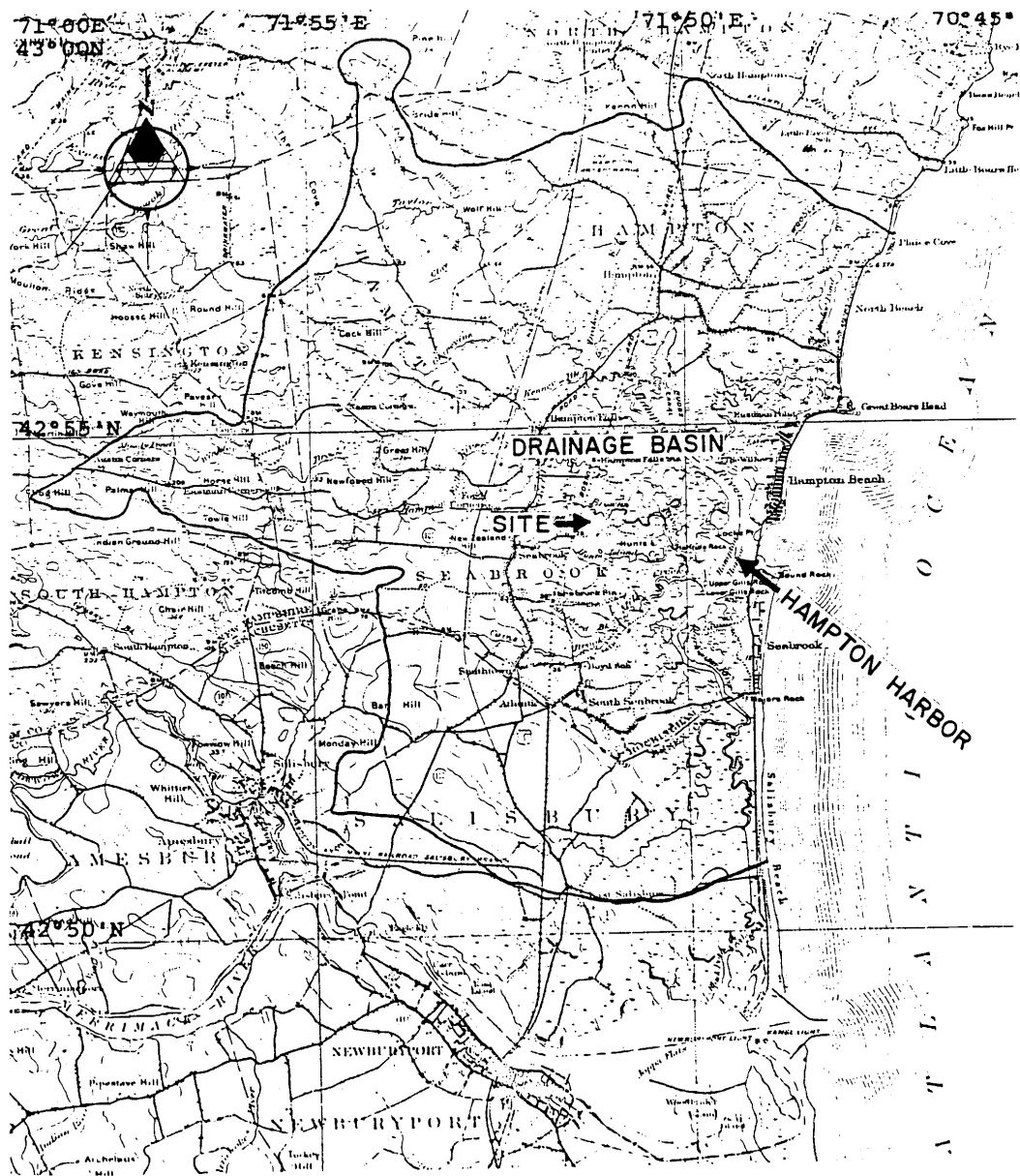


REFERENCE: Figure 1 of Riedel, J.T., J. F. Appleby, and R. W. Schloemer, April 1956, "Seasonal Variation of the Probable Maximum Precipitation East of the 105th Meridian for Areas from 10 to 1000 Square Miles and Durations of 6, 12, 24 and 48 Hours," Hydrometeorological Report No. 33, U. S. Department of Commerce.

SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Probable Maximum Precipitation for 200 Square Miles 24 Hours (in Inches) The All Season Envelope	
		Figure 2.4-4



REFERENCE: Figure 2 of Riedel, J.T., J. F. Appleby, and R. W. Schloemer, April 1956, "Seasonal Variation of the Probable Maximum Precipitation East of the 105th Meridian for Areas from 10 to 1000 Square Miles and Durations of 6, 12, 24 and 48 Hours," Hydrometeorological Report No. 33, U. S. Department of Commerce.



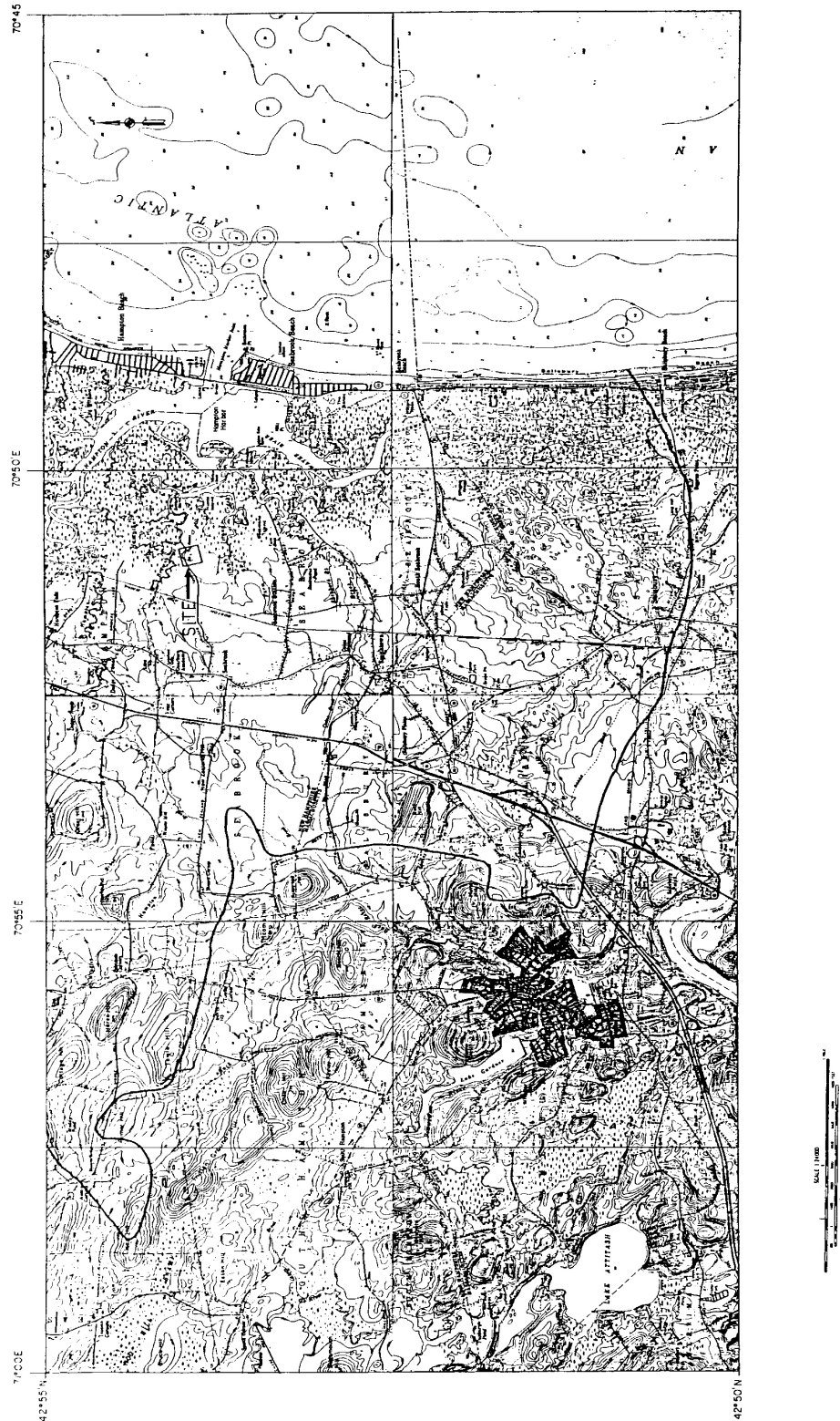
REFERENCE: Portion of USGS Topographic Map
Exeter, New Hampshire-Mass.

Scale: 1:62,500

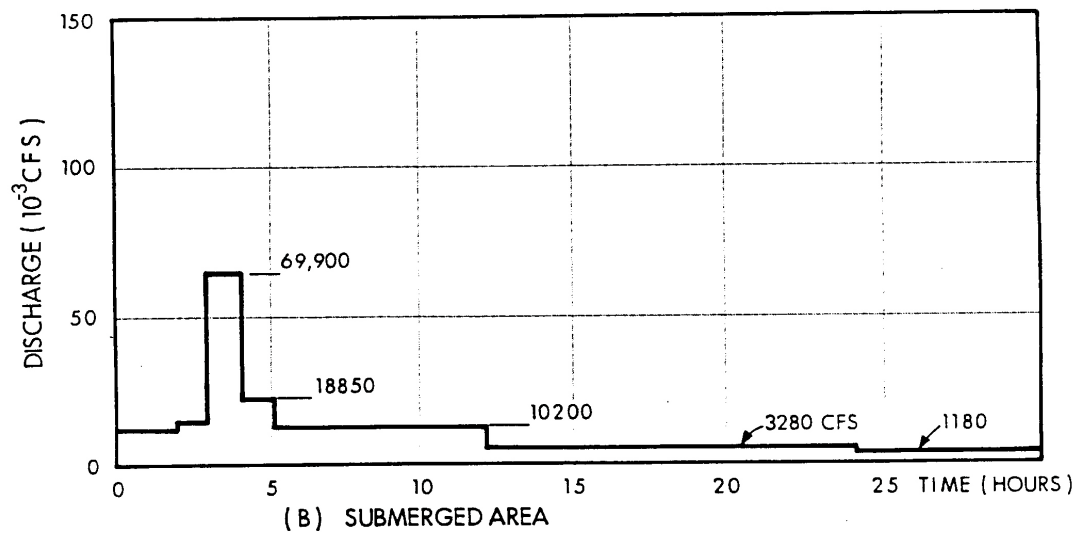
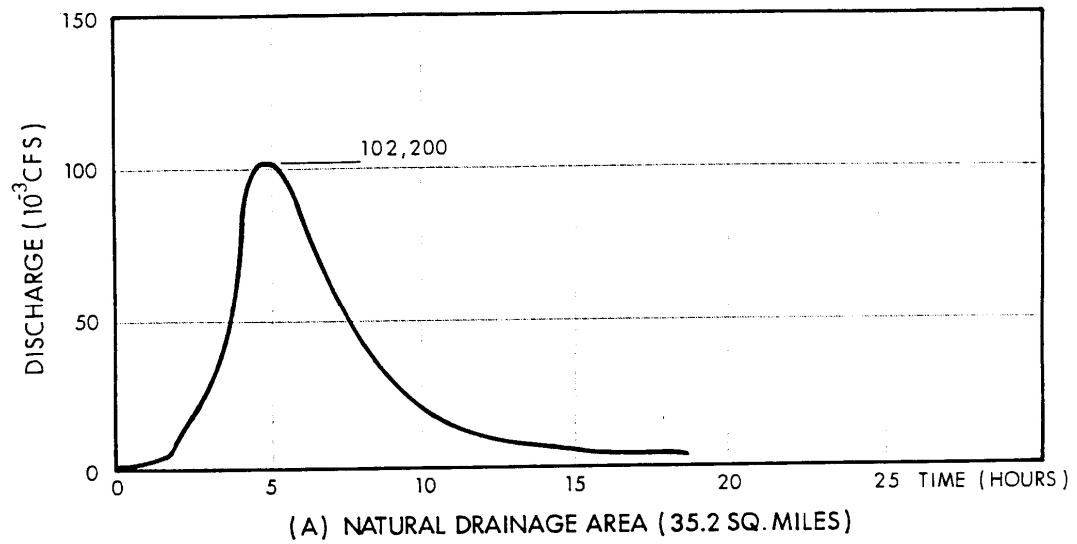
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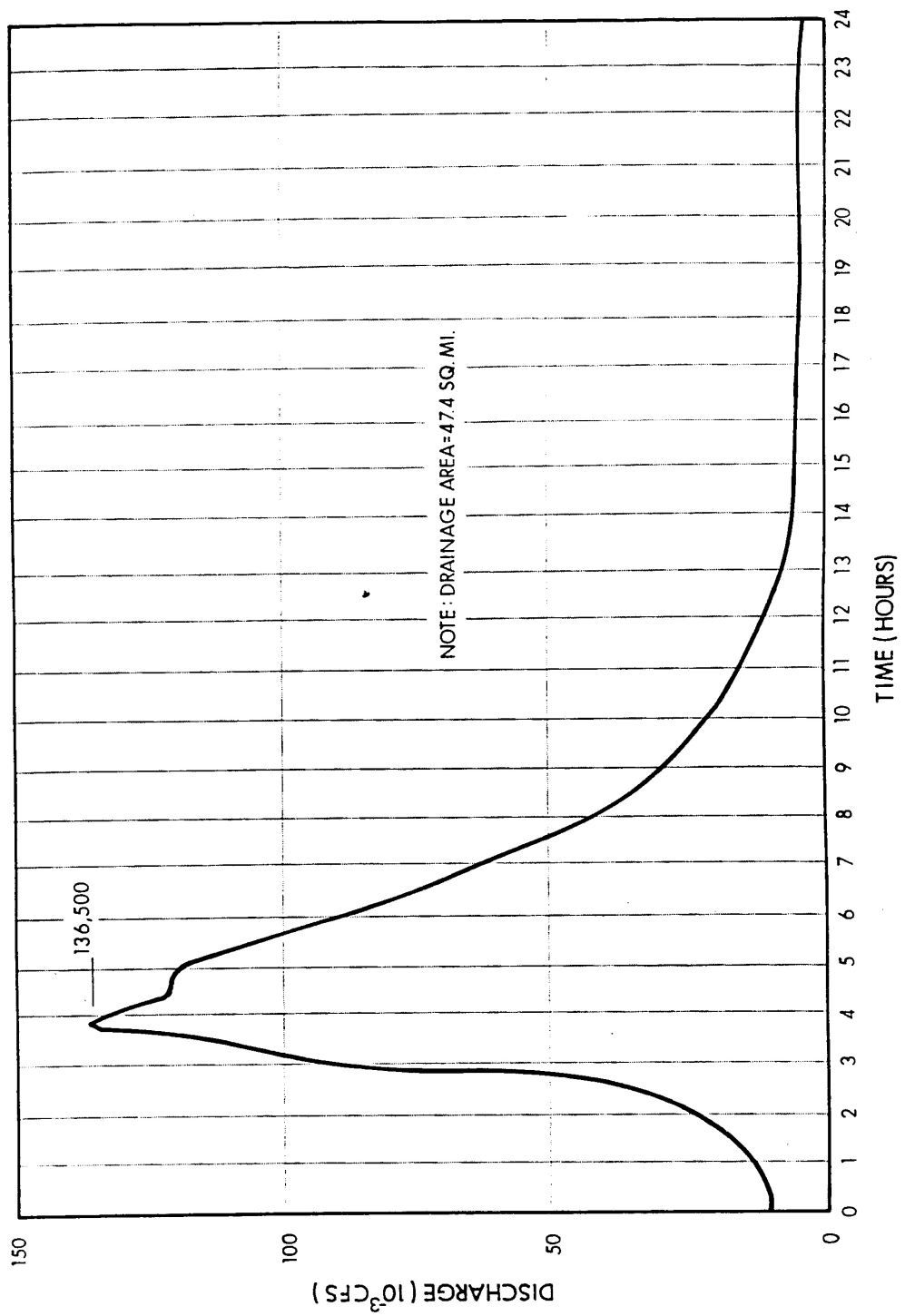
Hampton Harbor Drainage Basin

Figure 2.4-6

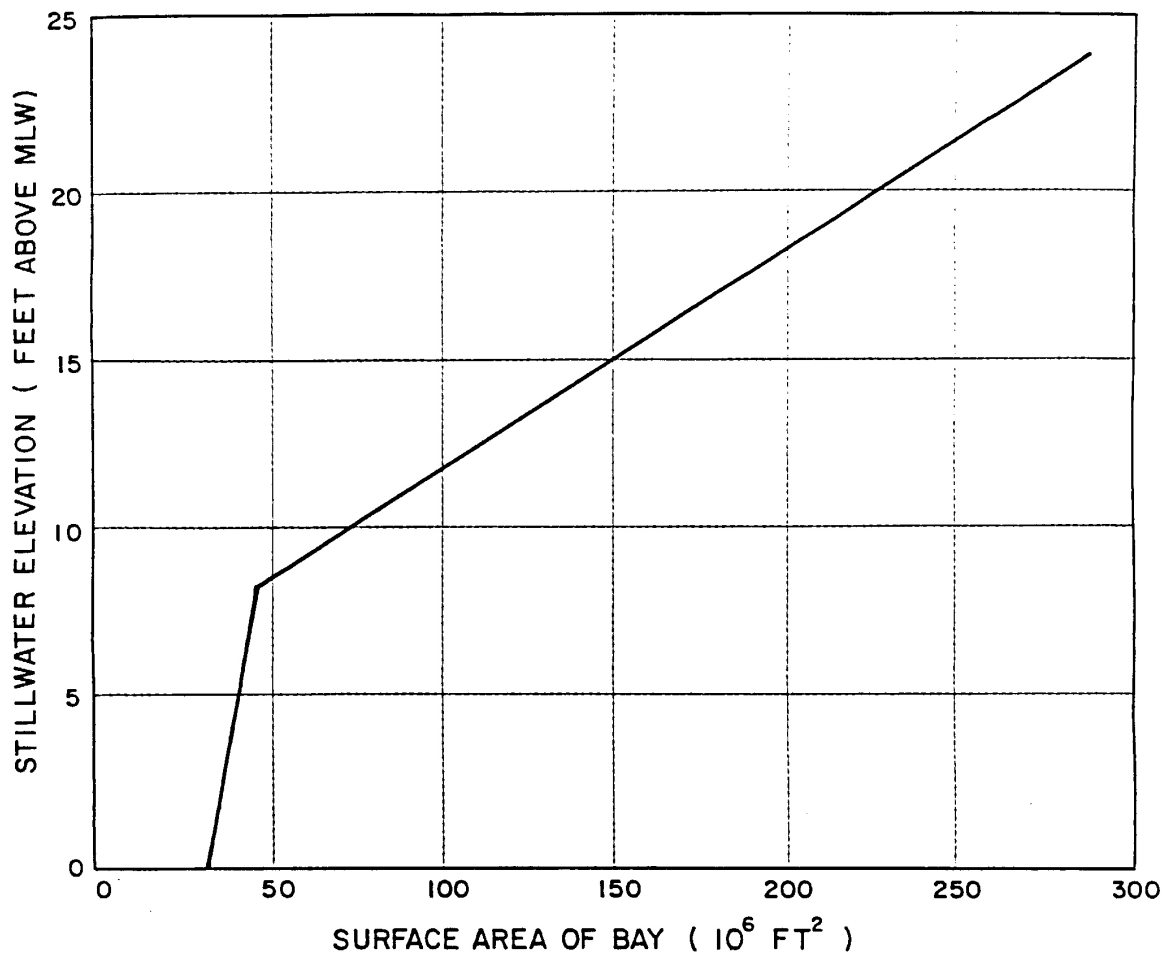


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Hampton Harbor Drainage Basin Detailed Topography [2 Sheets]	
		Figure 2.4-7 Sh. 2 of 2

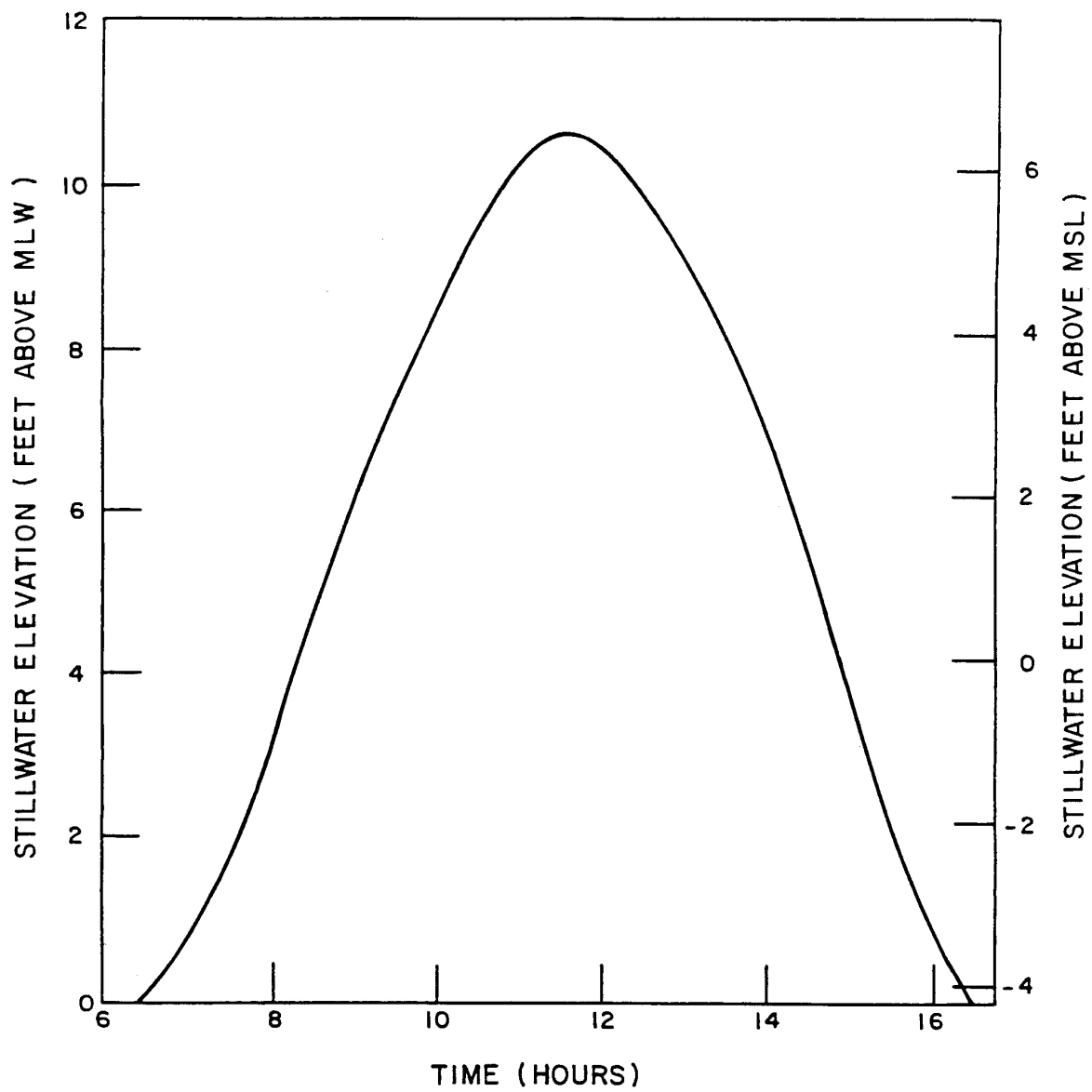




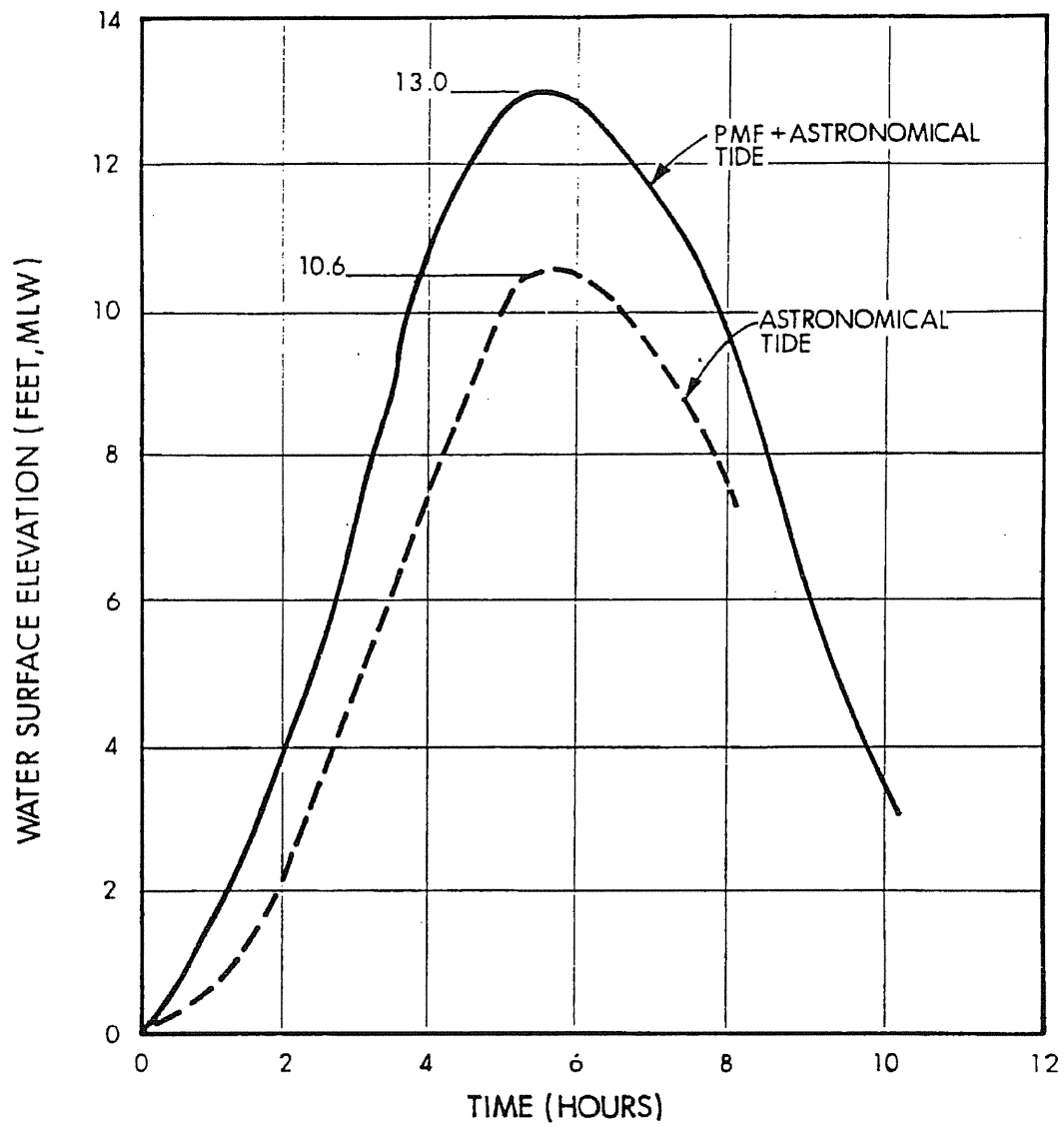
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	PMF Discharge Hydrograph	
		Figure 2.4-9



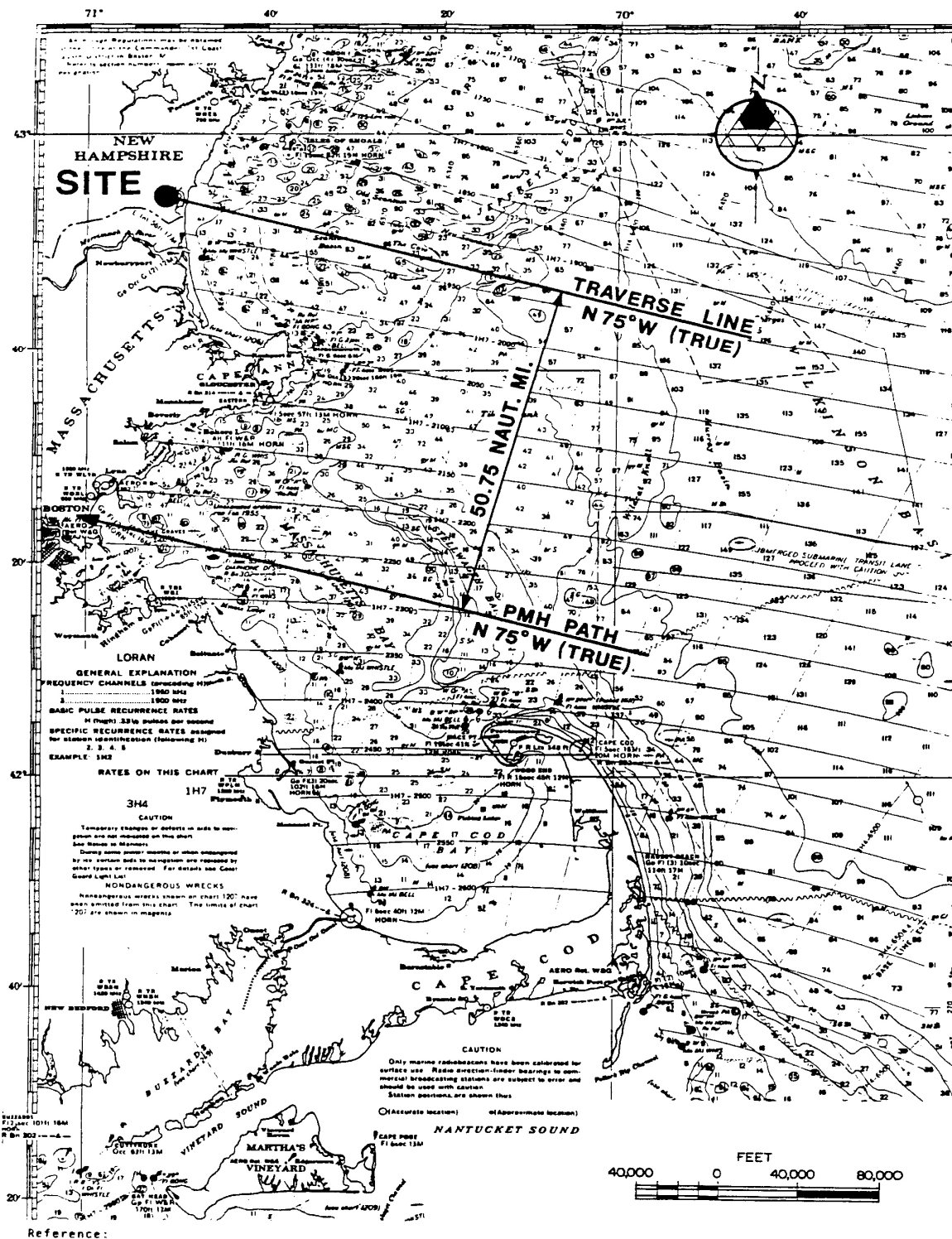
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Hampton Harbor Surface Area vs. Elevation	
		Figure 2.4-10



SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Astronomical Tidal Cycle Hampton Harbor November 22, 1972		
		Figure	2.4-11



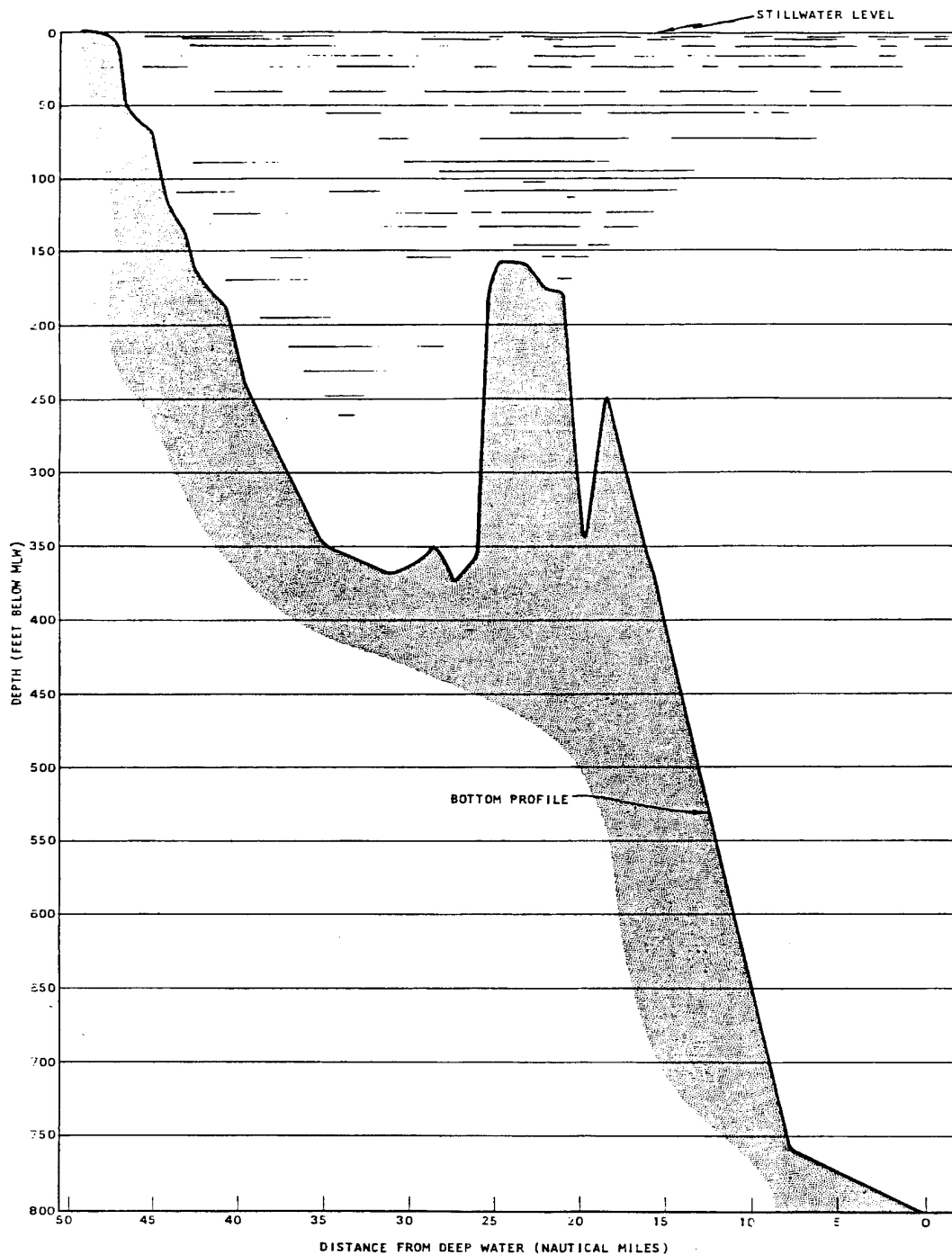
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Hampton Harbor PMF Hydrograph	
		Figure 2.4-12



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PMH Path

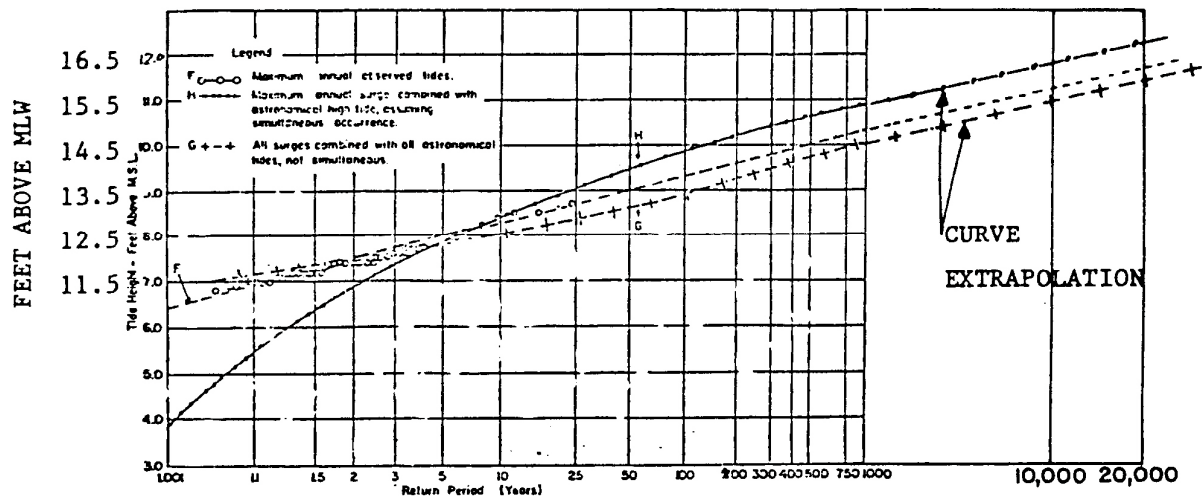
Figure 2.4-13



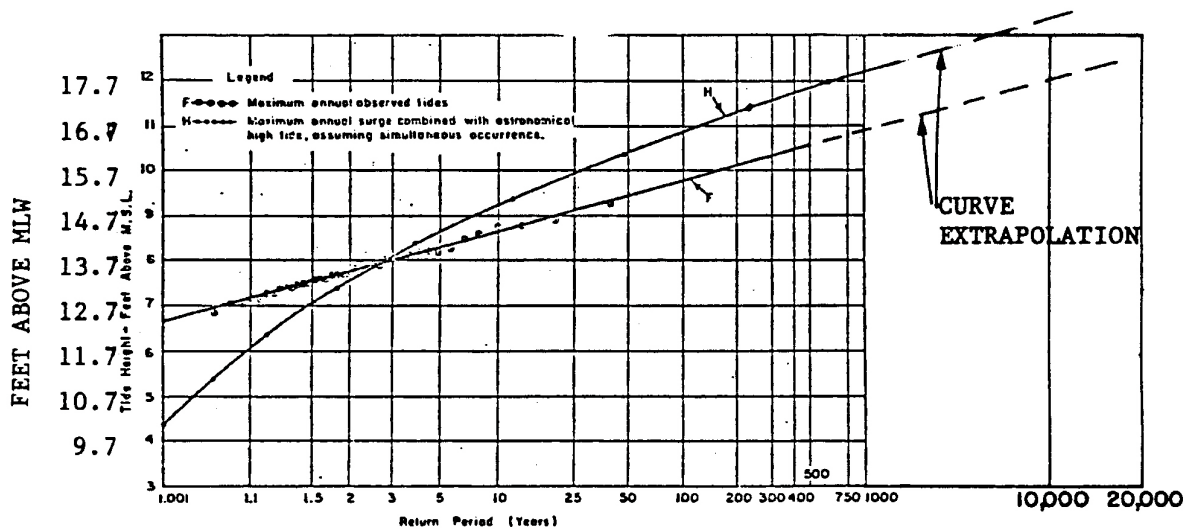
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ANALYSIS REPORT

Offshore Depth Profile Transverse Line N75°W (True)

Figure 2.4-14



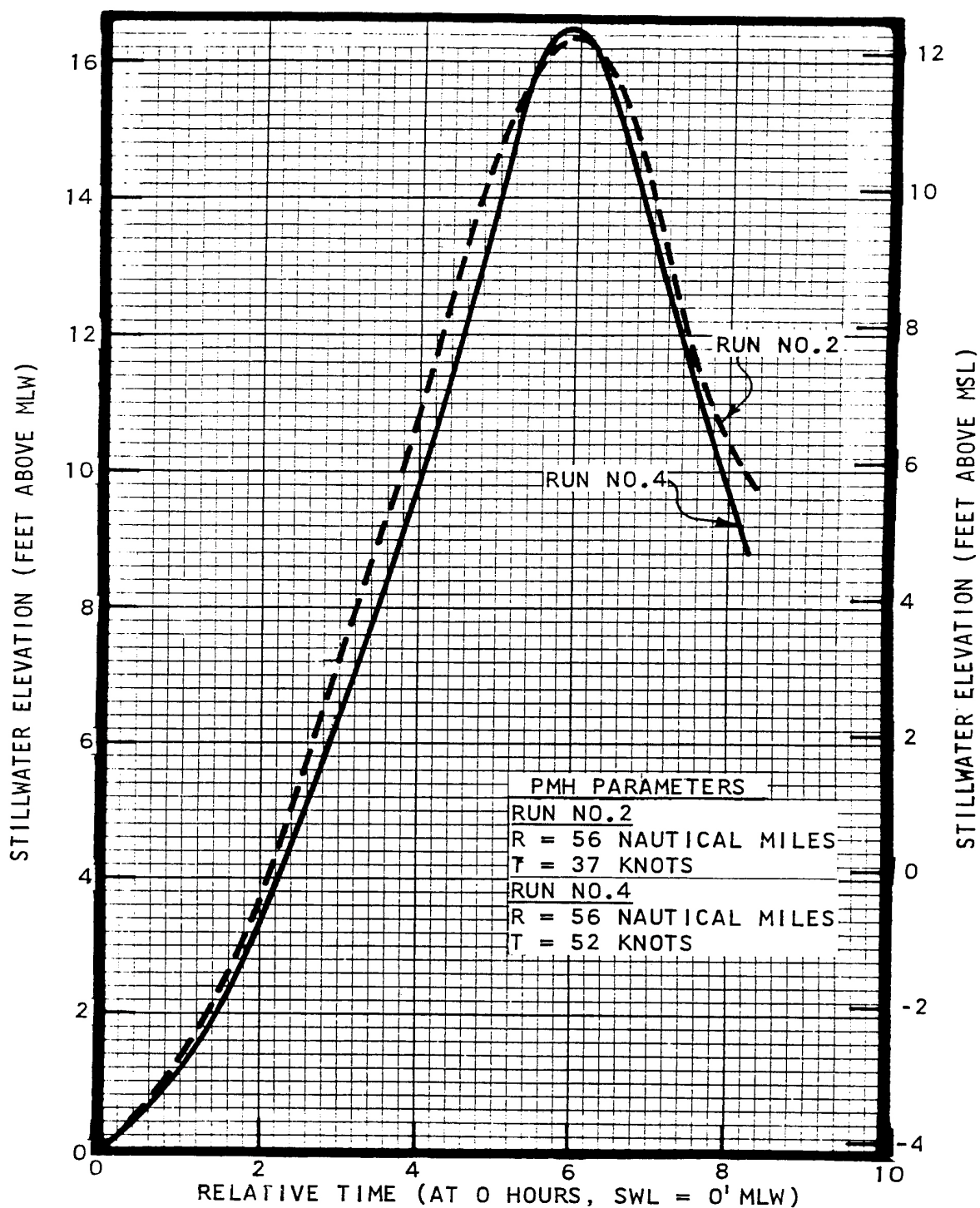
Estimated probability of extreme high tide height at Portland, Maine. (Based on data for 1914-1959.)

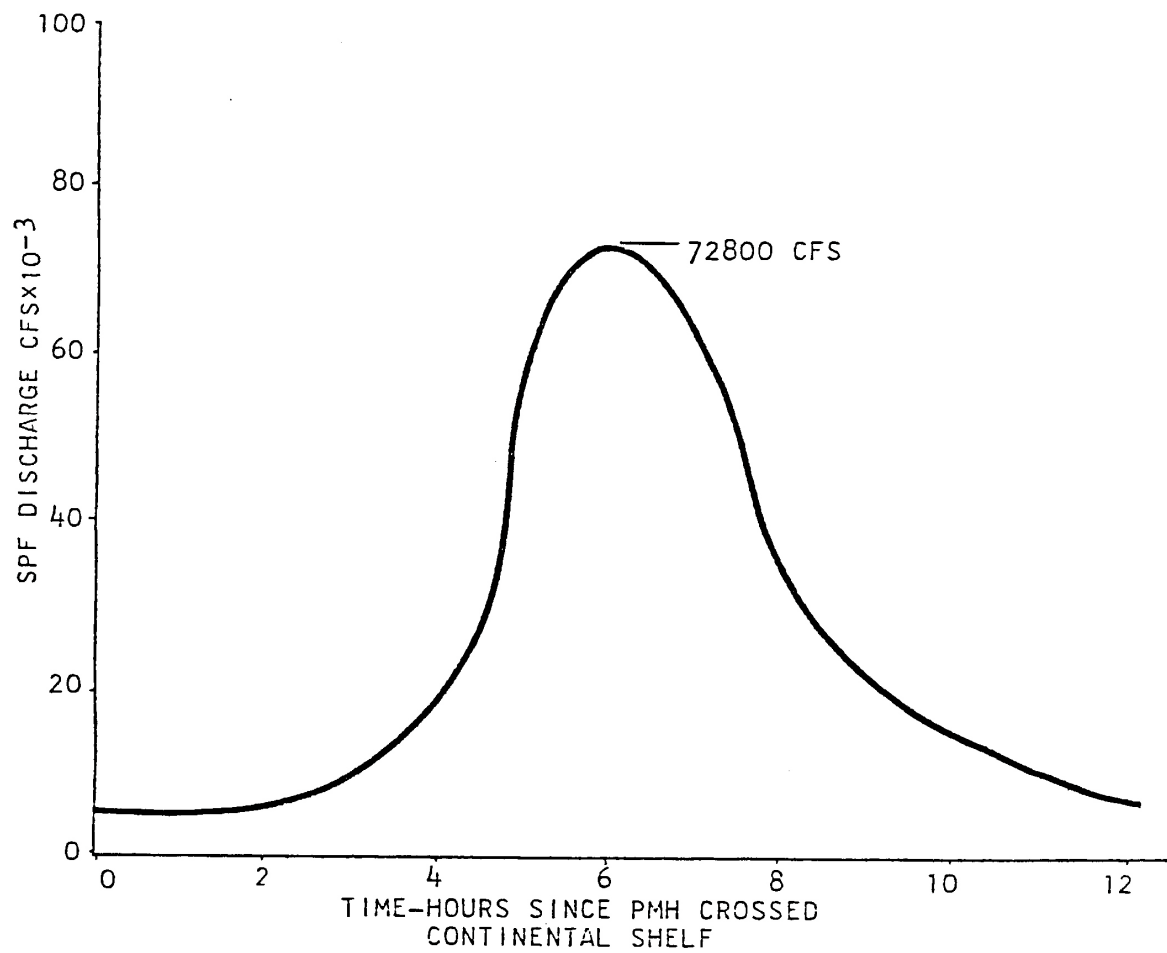


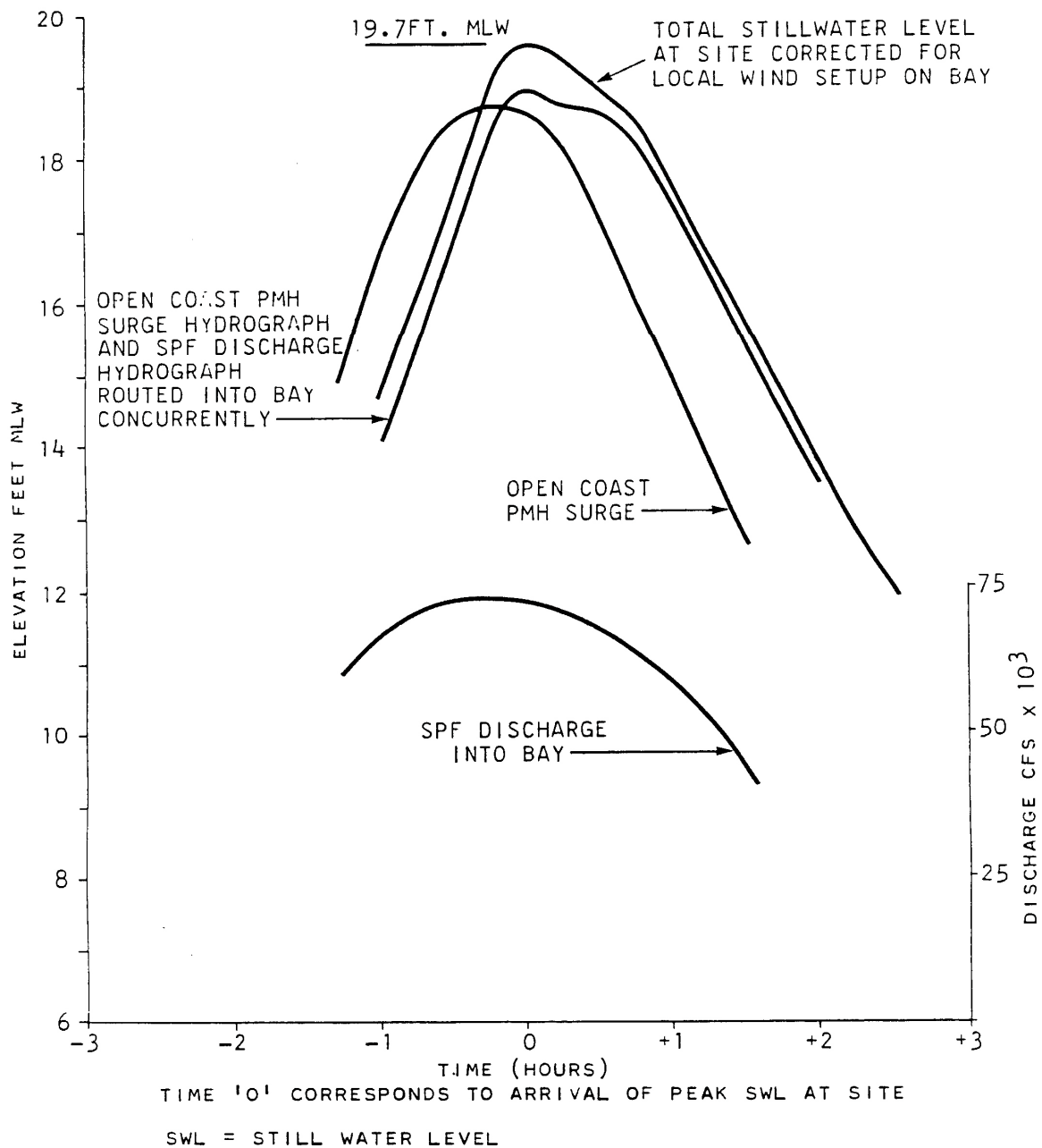
Estimated probability of extreme high tide height at Boston, Mass. (Based on data for 1922-1960)

REFERENCE: Figures 26 and 27 of U. S. Weather Bureau Hydrometeorological Section, "Criteria for a Standard Project Northeast for New England North of Cape Cod," National Hurricane Research Project Report #68, 1964.

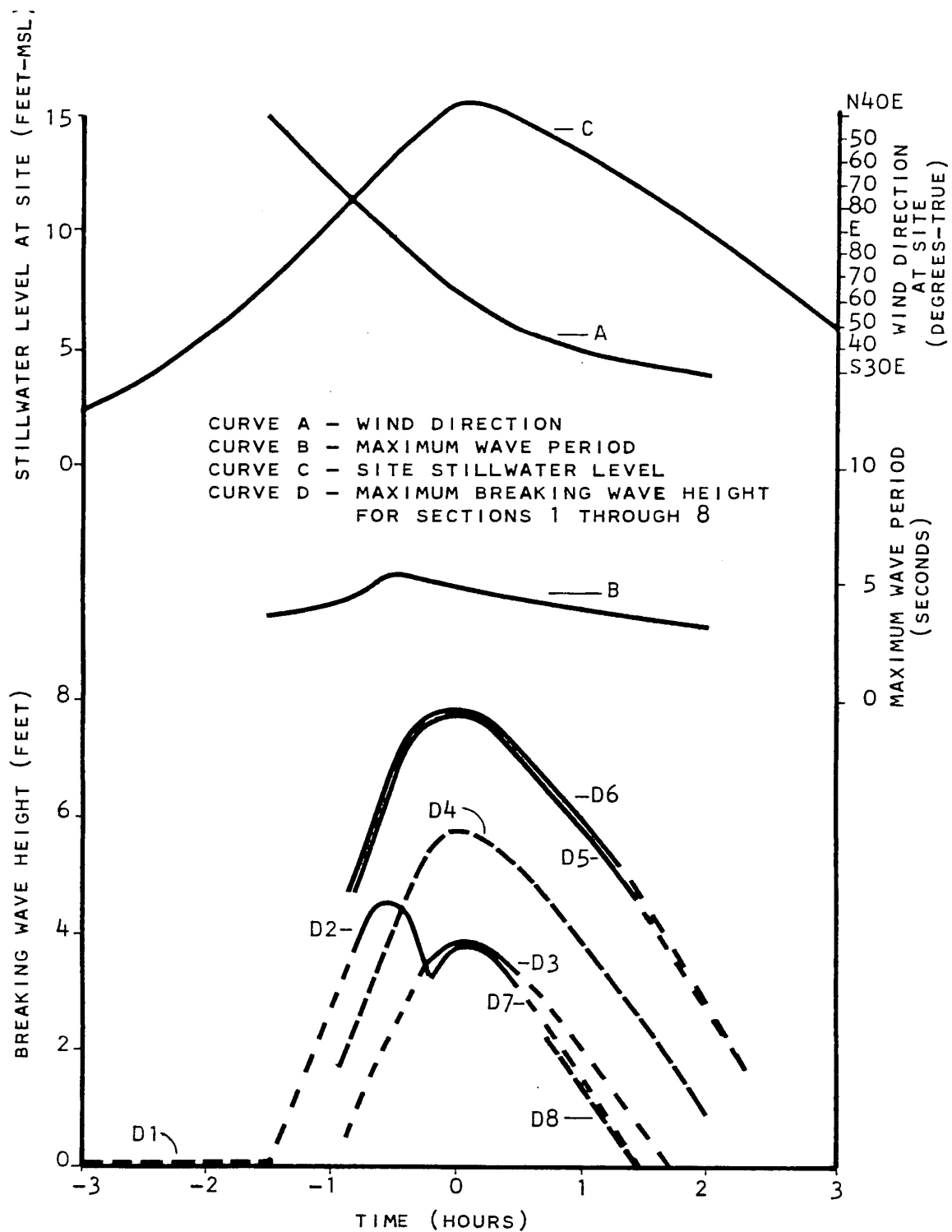
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Estimated Probability of Extreme High Tide at Portland, Maine and Boston, Mass.	
		Figure 2.4-15



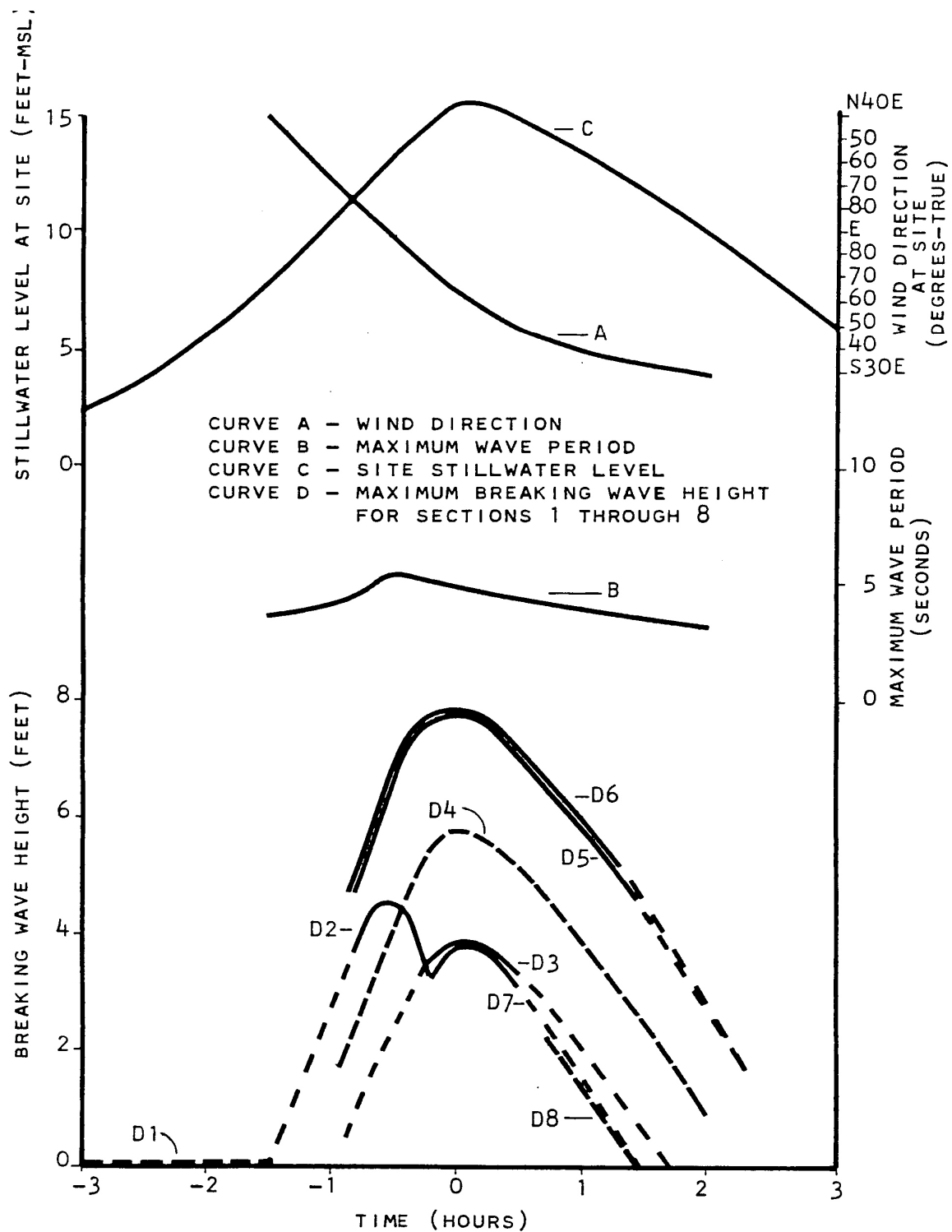




SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Resultant PMH and SPF Stillwater Levels	
		Figure 2.4-18



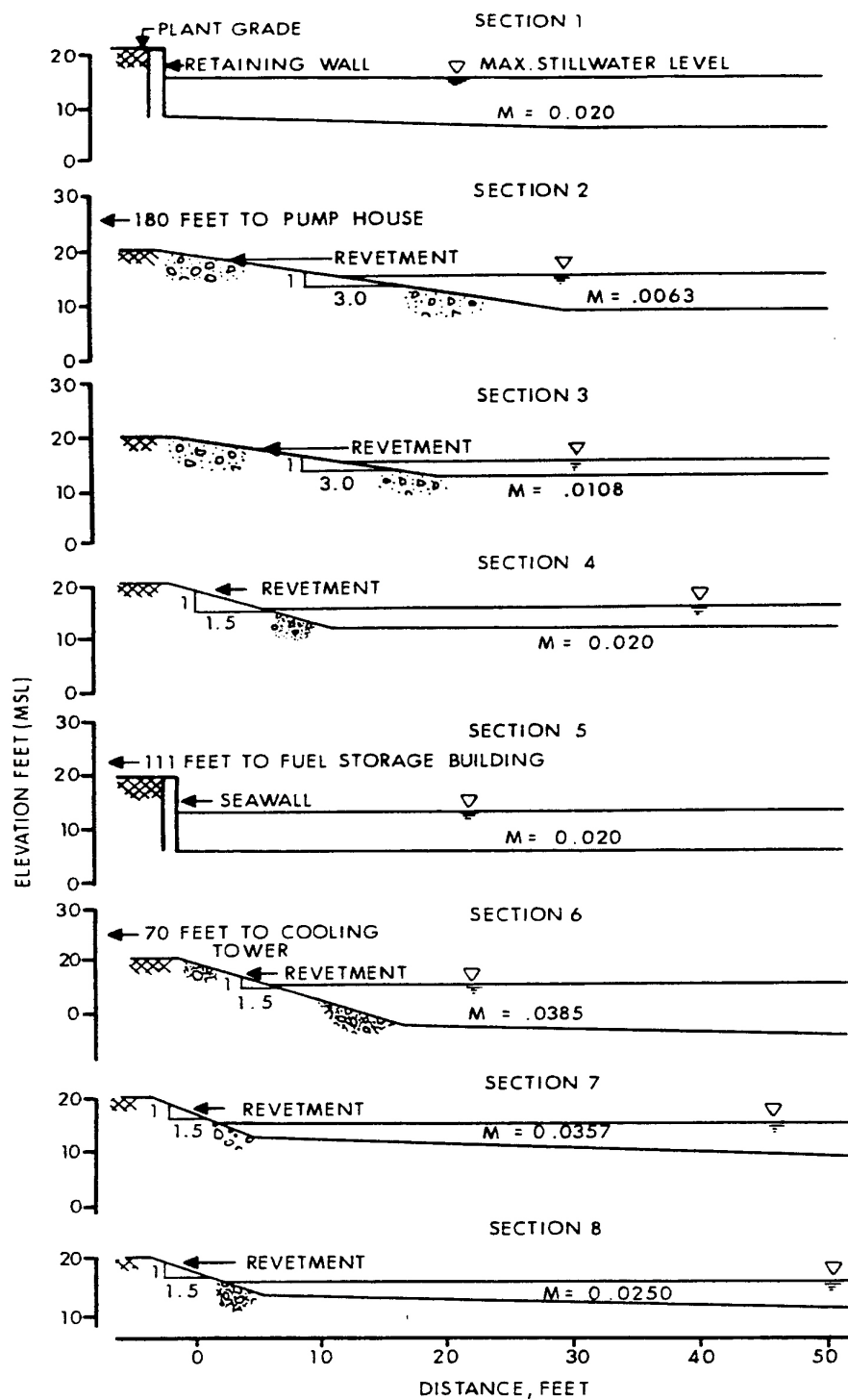
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Design Wave Heights, Periods and Waterlevels	
		Figure 2.4-19

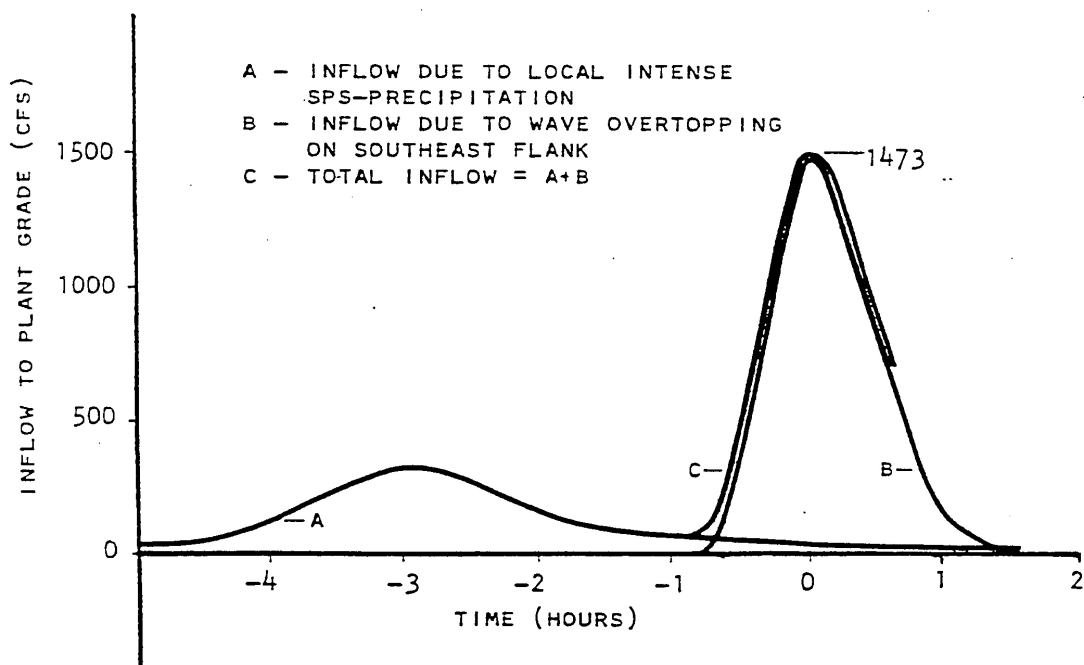


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Design Wave Heights, Periods and Waterlevels	
		Figure 2.4-19

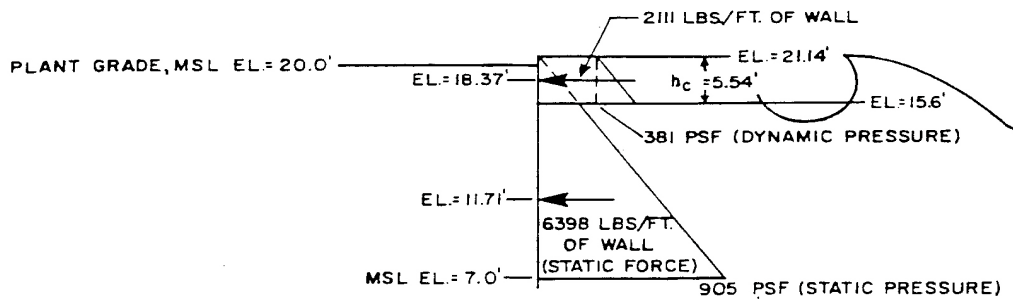
SECURITY-RELATED INFORMATION – WITHHELD UNDER 5
U.S.C. SECTION 552(b)(4) AND 5 U.S.C. SECTION 552(b)(7)(F)

SECURITY-RELATED INFORMATION – WITHHELD UNDER 5
U.S.C. SECTION 552(b)(4) AND 5 U.S.C. SECTION 552(b)(7)(F)





SECURITY-RELATED INFORMATION – WITHHELD UNDER 5
U.S.C. SECTION 552(b)(4) AND 5 U.S.C. SECTION 552(b)(7)(F)



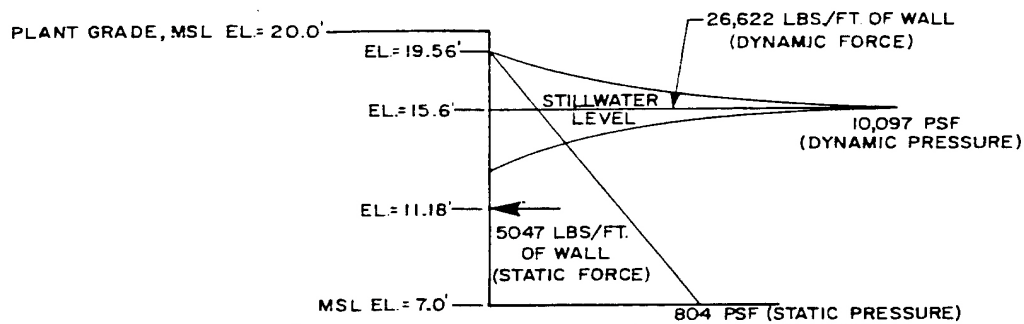
BROKEN WAVE CONDITION ON VERTICAL SEAWALL

WAVE PARAMETERS

$H_b = 7.91'$ (BREAKING WAVE HEIGHT)

$T =$ (INDEPENDENT OF WAVE PERIOD)

$d_s = 8.6'$ (WATER DEPTH IN FRONT OF STRUCTURE)



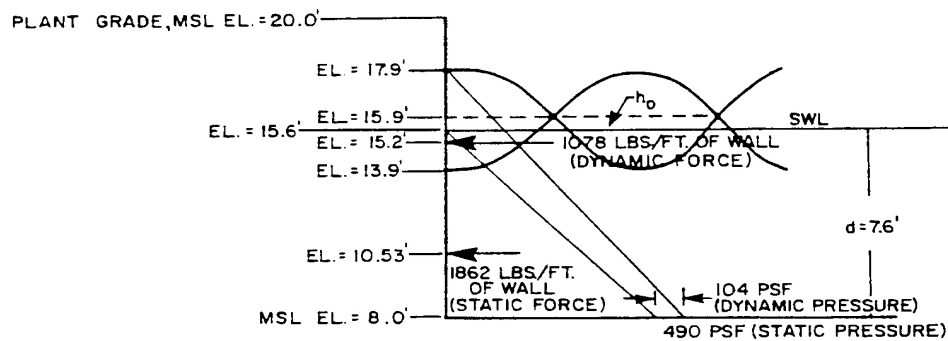
BREAKING WAVE CONDITION ON VERTICAL SEAWALL

WAVE PARAMETERS

$H_b = 7.91'$ (BREAKING WAVE HEIGHT)

$T = 4.8$ SECONDS (WAVE PERIOD)

$d_s = 8.6'$ (WATER DEPTH IN FRONT OF STRUCTURE)



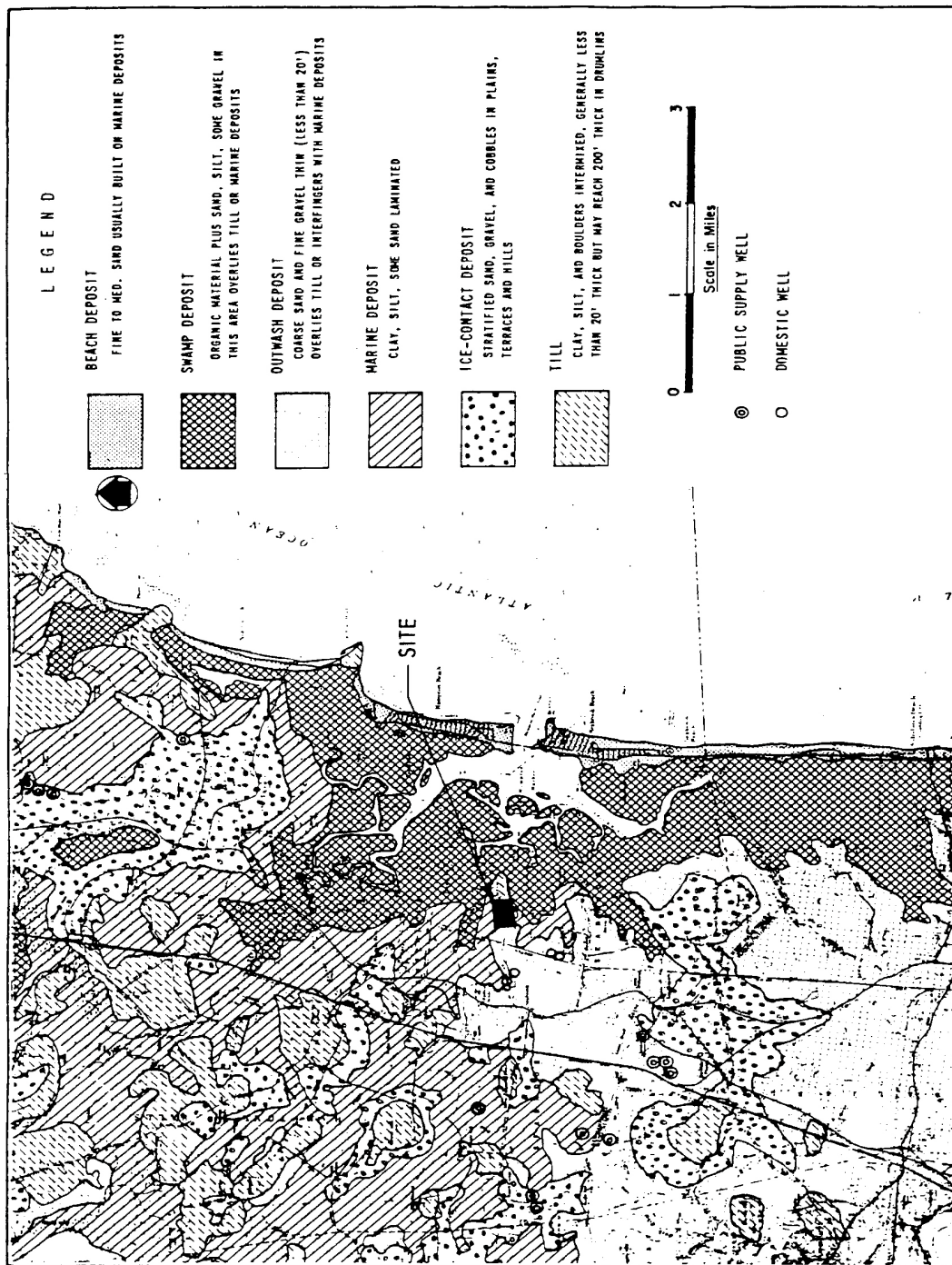
NON-BREAKING WAVE CONDITION ON RETAINING WALL

WAVE PARAMETERS

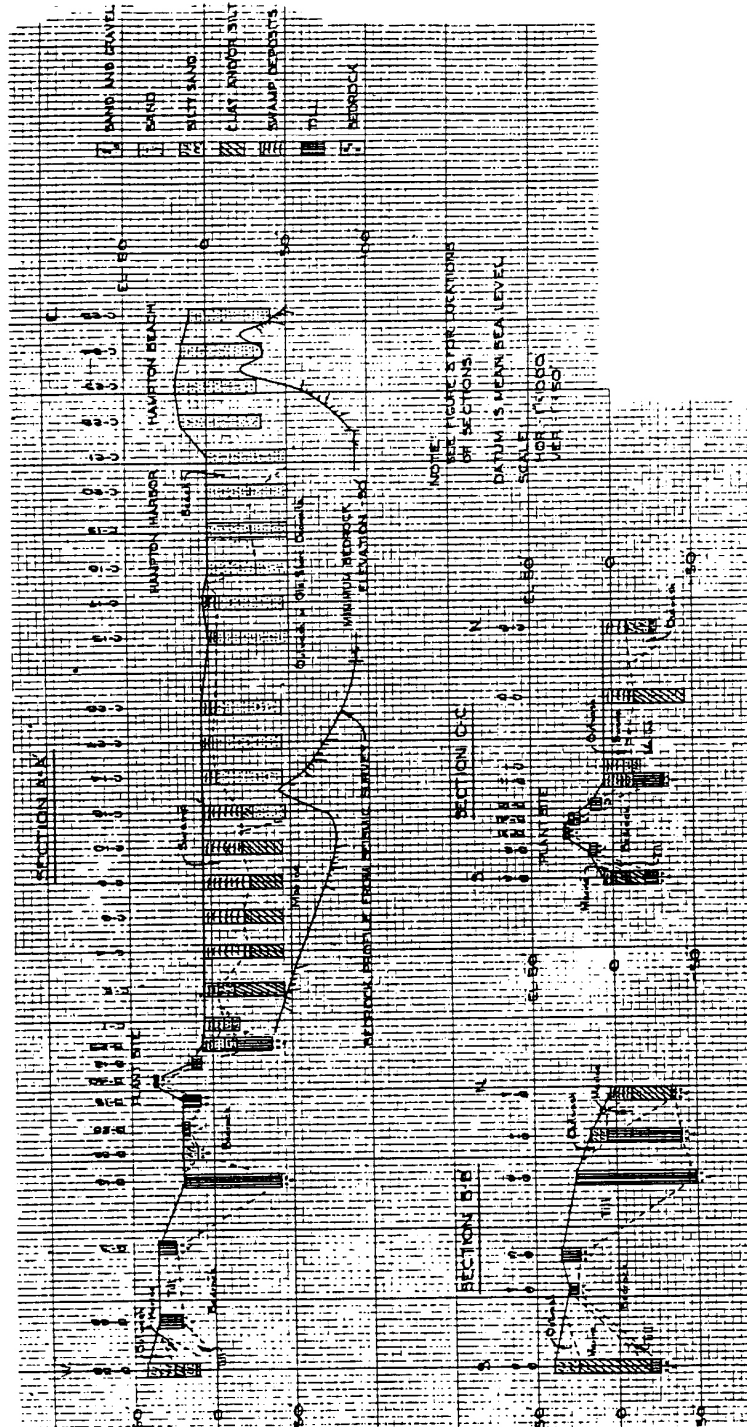
$H = 2.0'$ (WAVE HEIGHT)

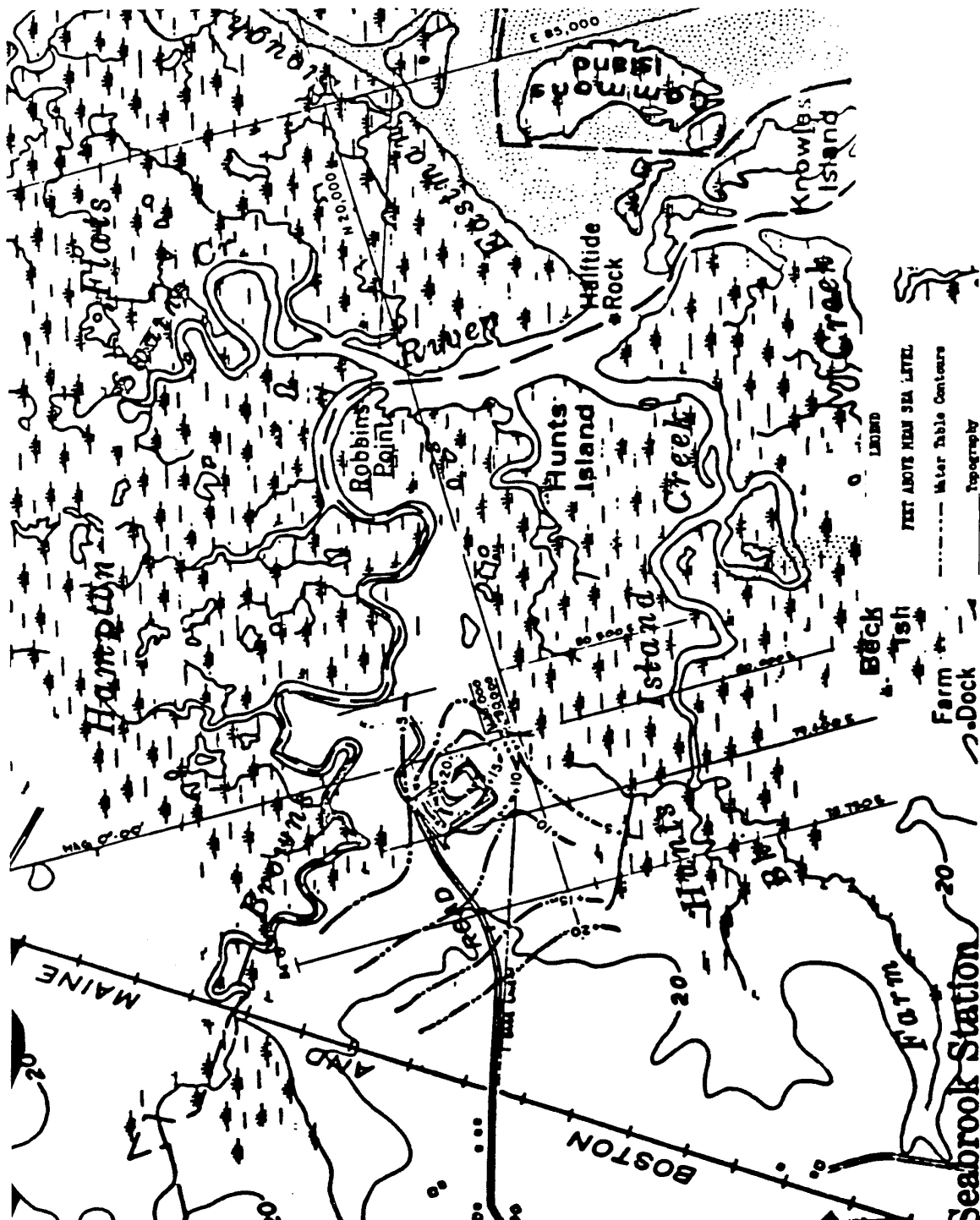
$T = 4.8$ SECONDS (WAVE PERIOD)

$d_s = 7.6'$ (WATER DEPTH IN FRONT OF STRUCTURE)

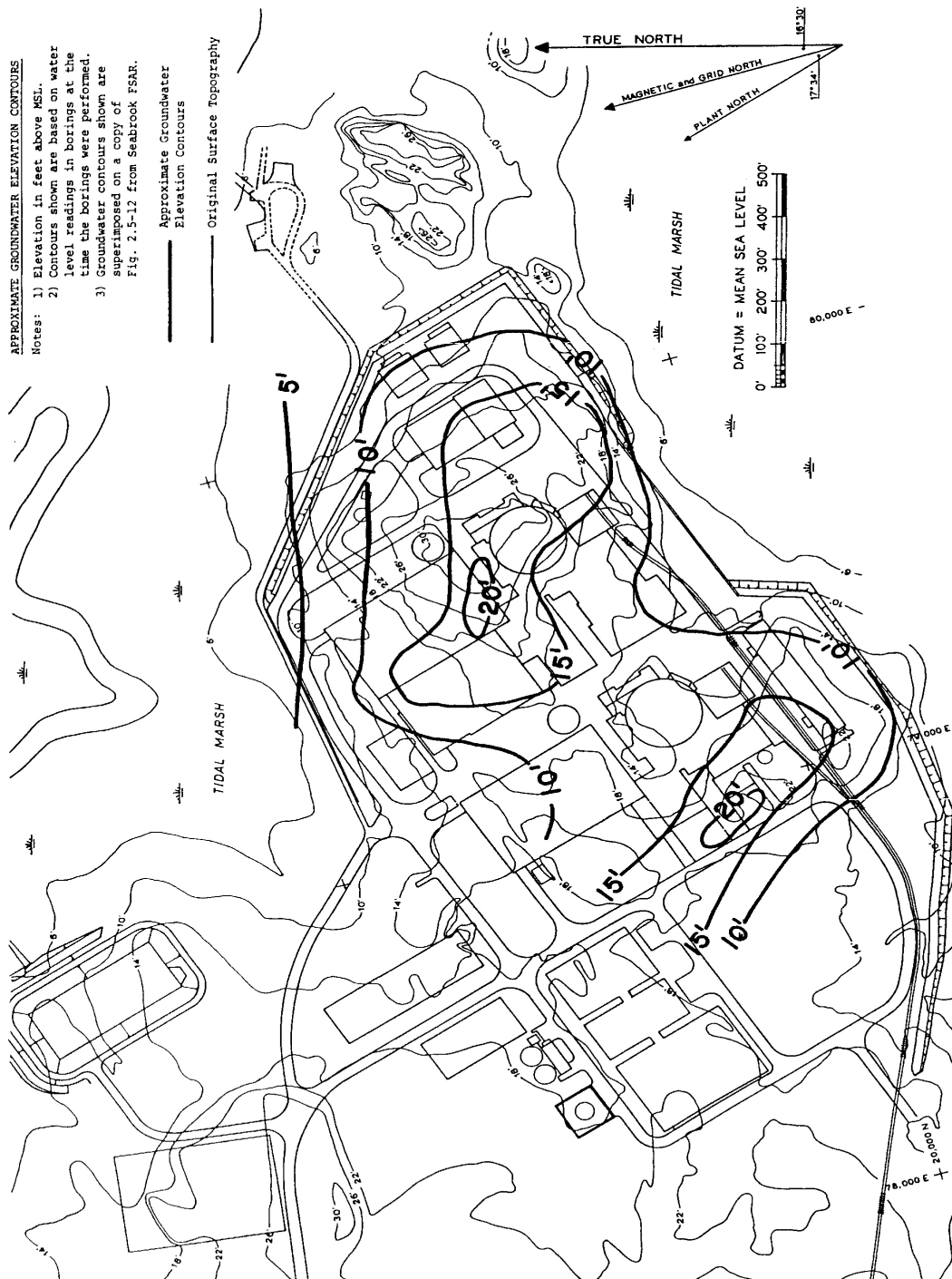


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Surficial Geology in the Seabrook Area	
		Figure 2.4-26





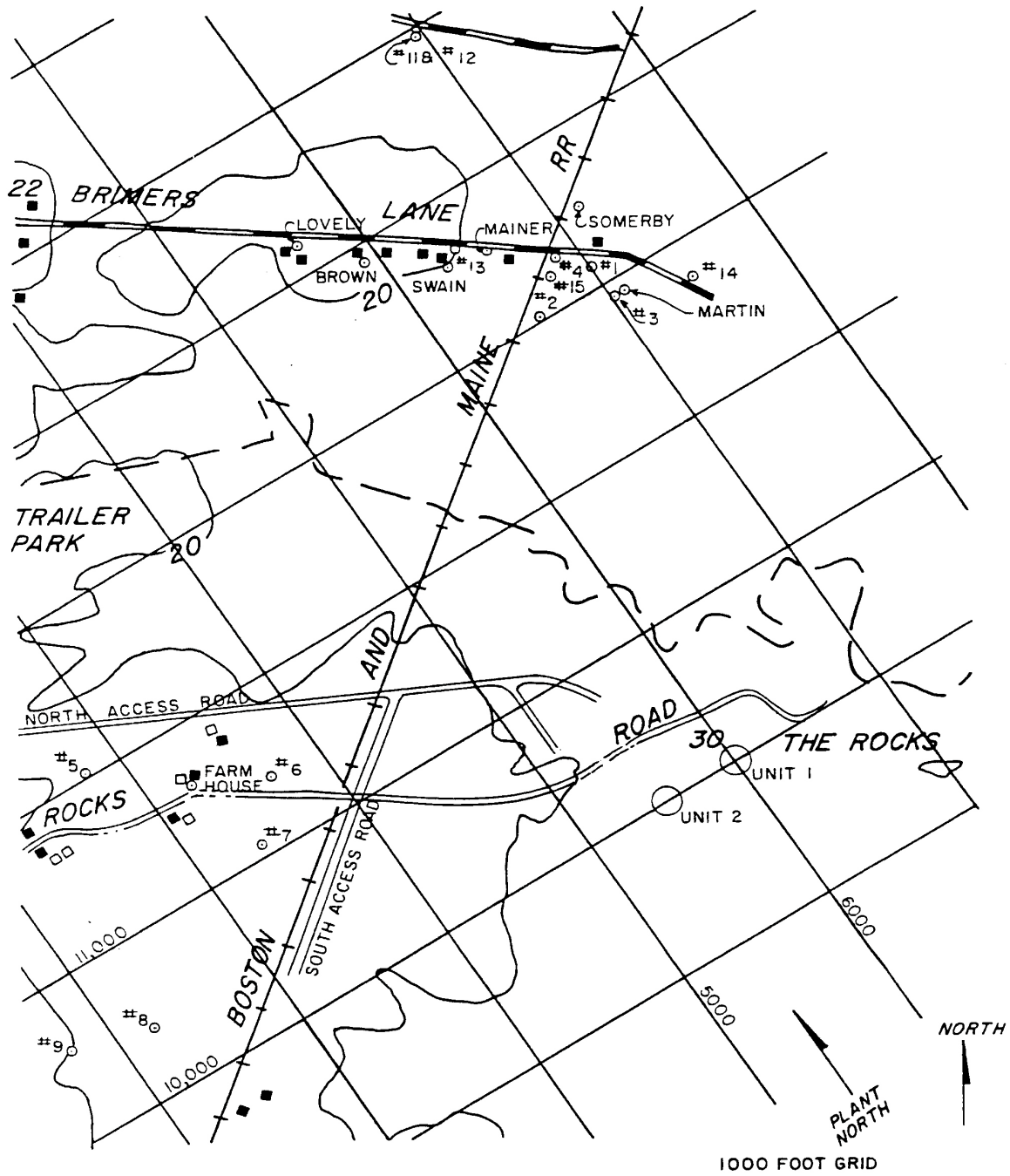
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Water Table Contours	
		Figure 2.4-28



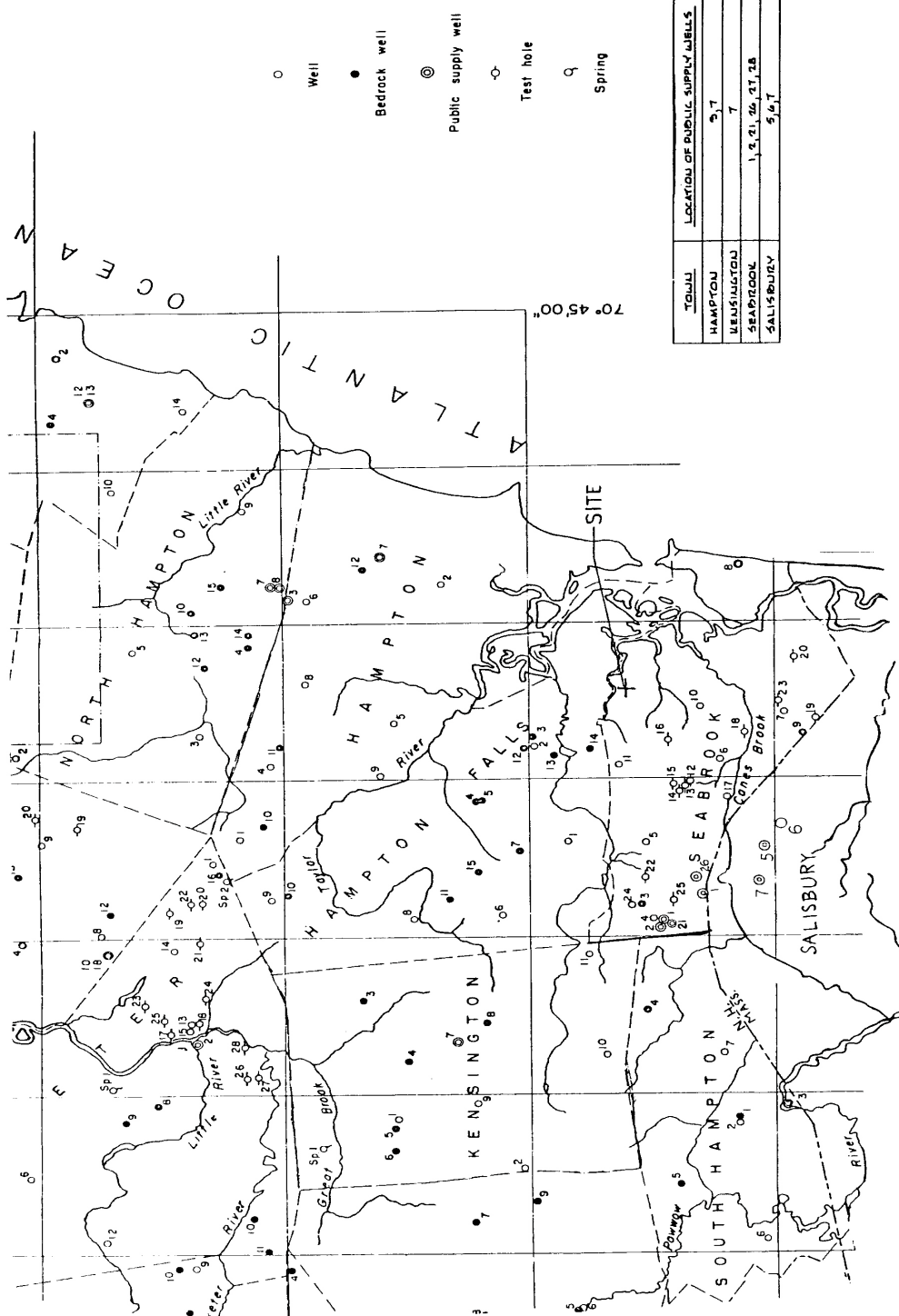
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Groundwater Contours in Plant Site Area Prior to
 Construction

Figure 2.4-29

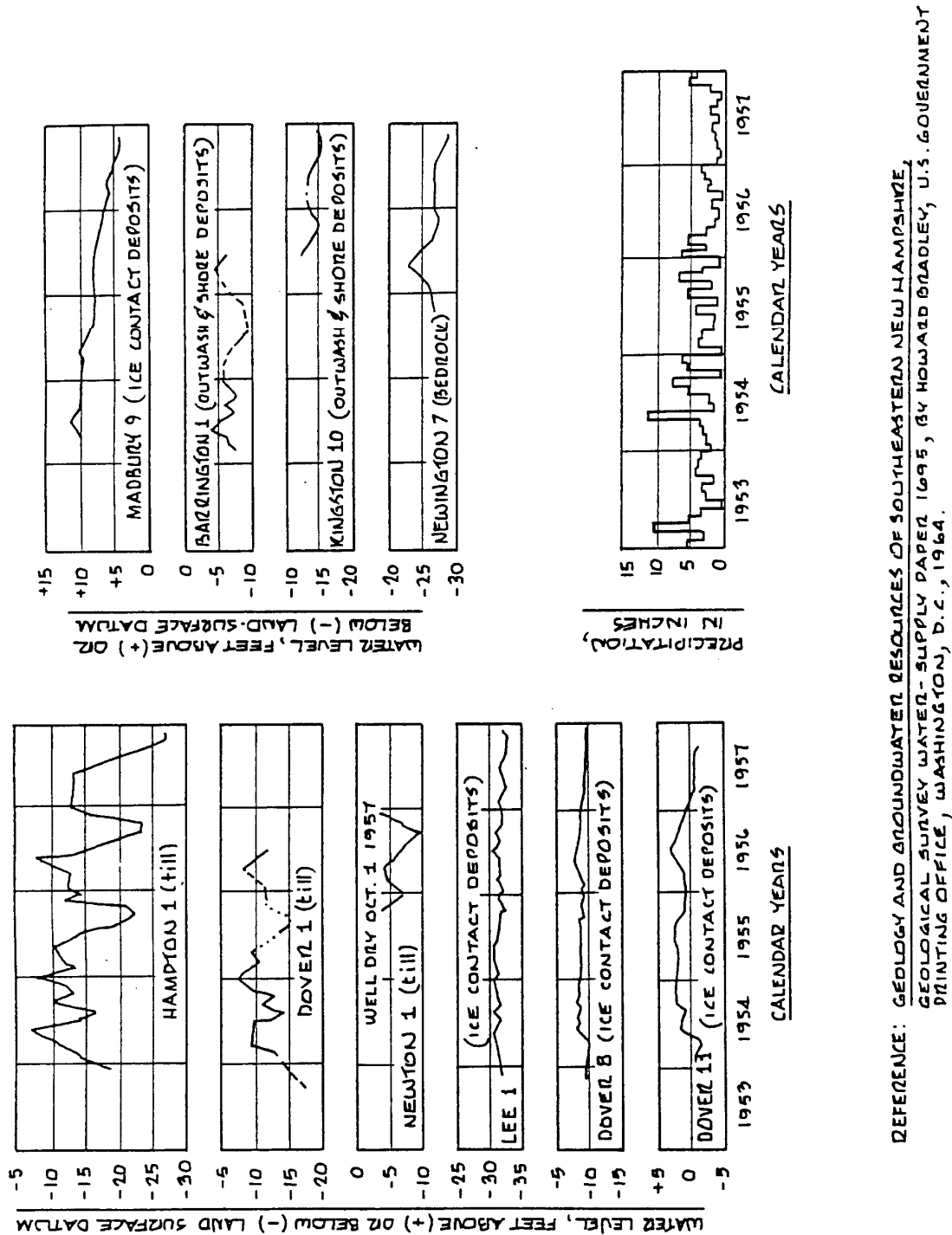


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Site Vicinity Wells	
		Figure 2.4-30

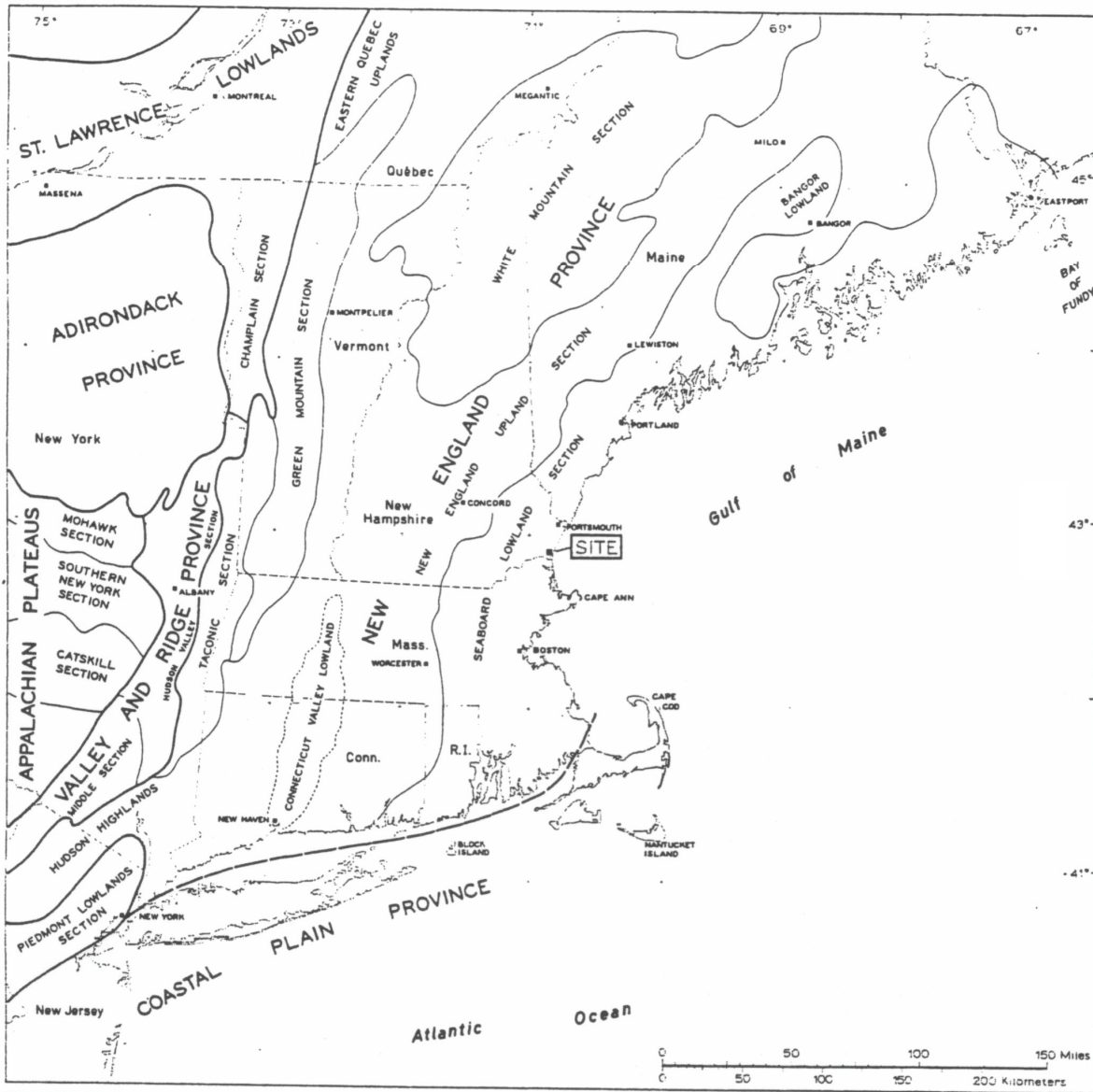


SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Seabrook Area Wells	
		Figure 2.4-31

SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Water Level Variations in the Seabrook Area	
		Figure 2.4-32



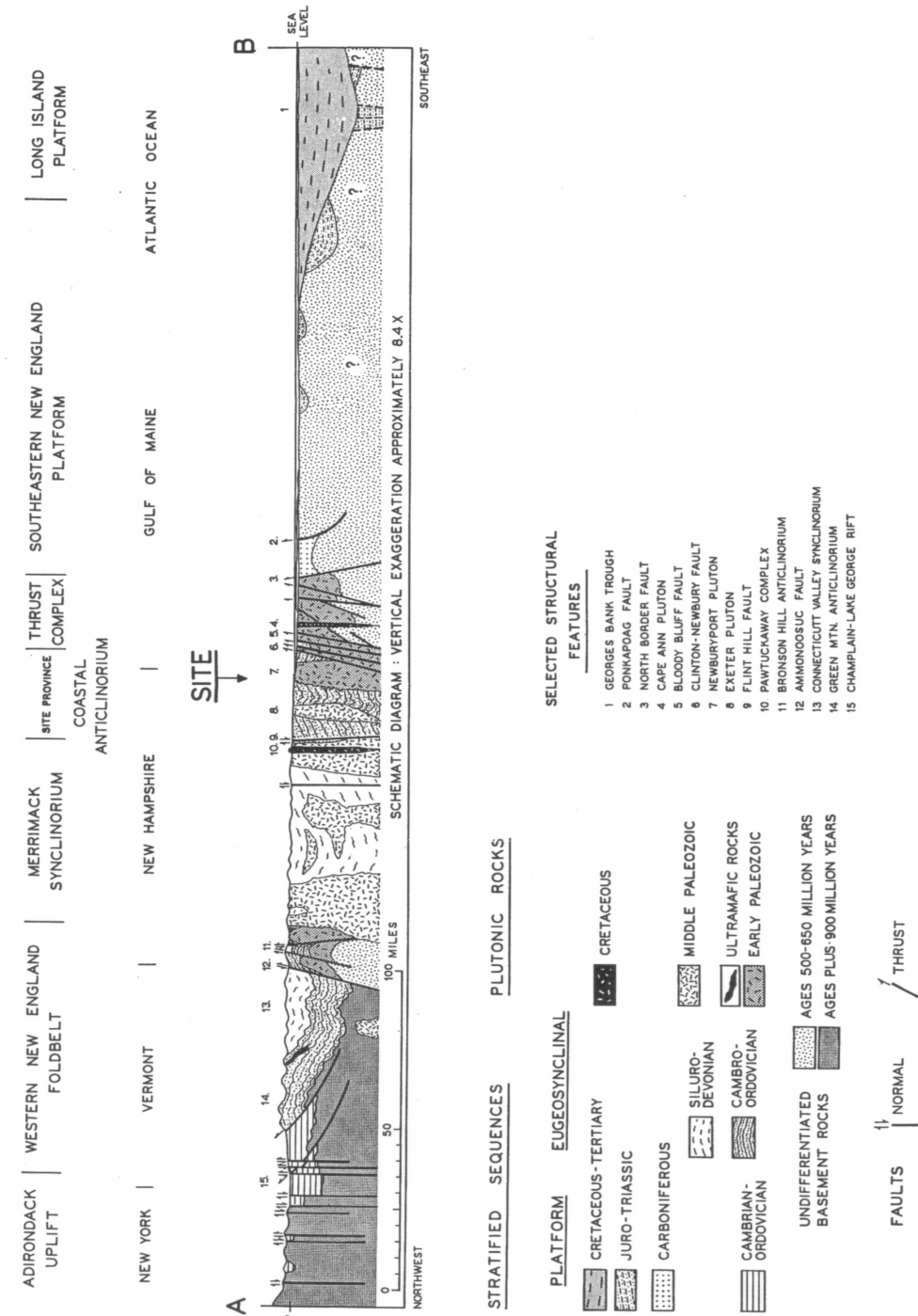
REFERENCE: GEOLOGY AND GROUNDWATER RESOURCES OF SOUTHEASTERN NEW HAMPSHIRE,
GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1695, BY HOWARD BRADLEY, U.S. GOVERNMENT
PRINTING OFFICE, WASHINGTON, D.C., 1964.

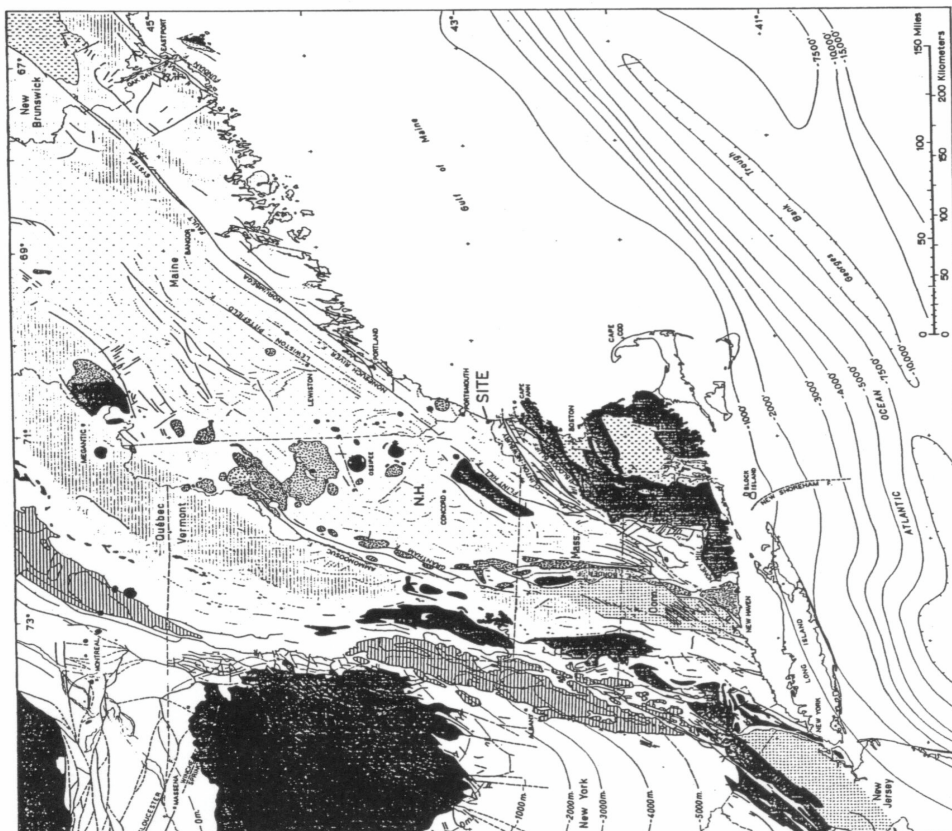
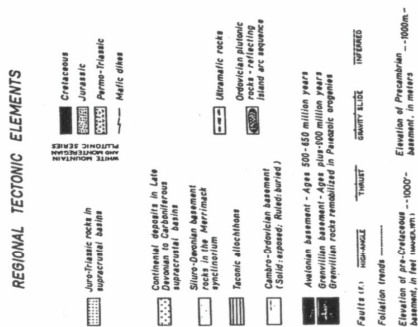


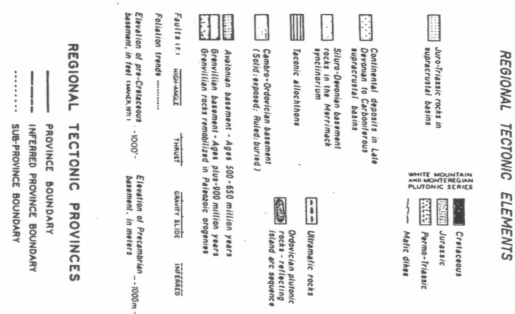
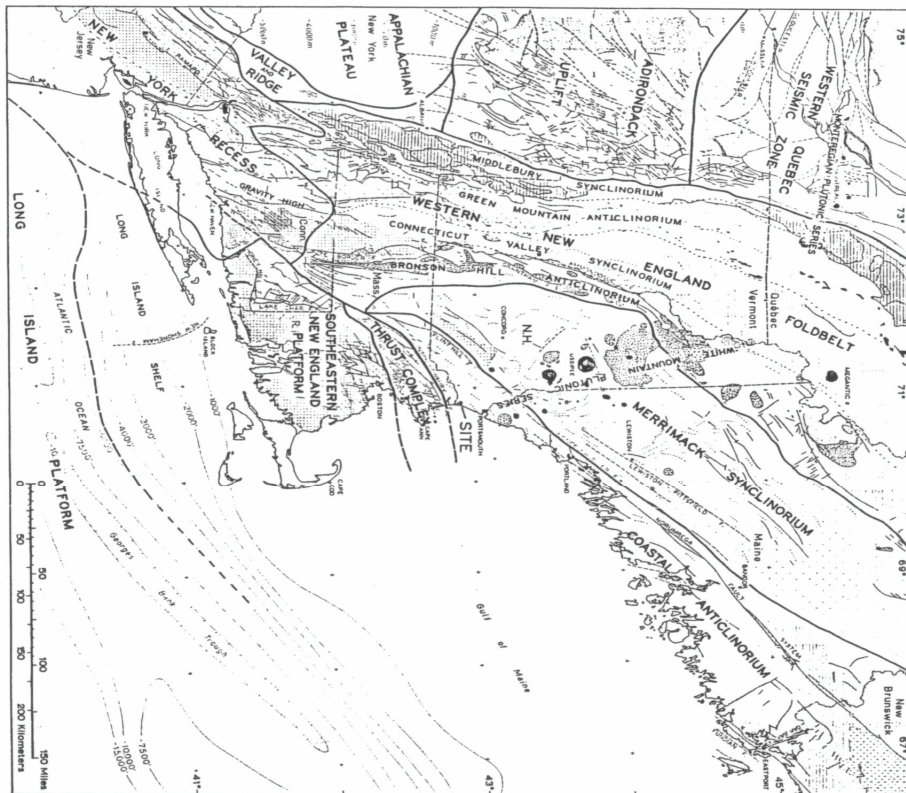
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Regional Physiographic Map

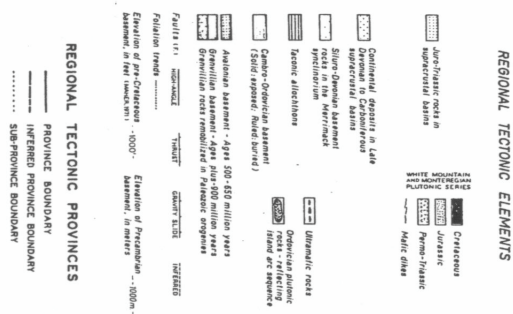
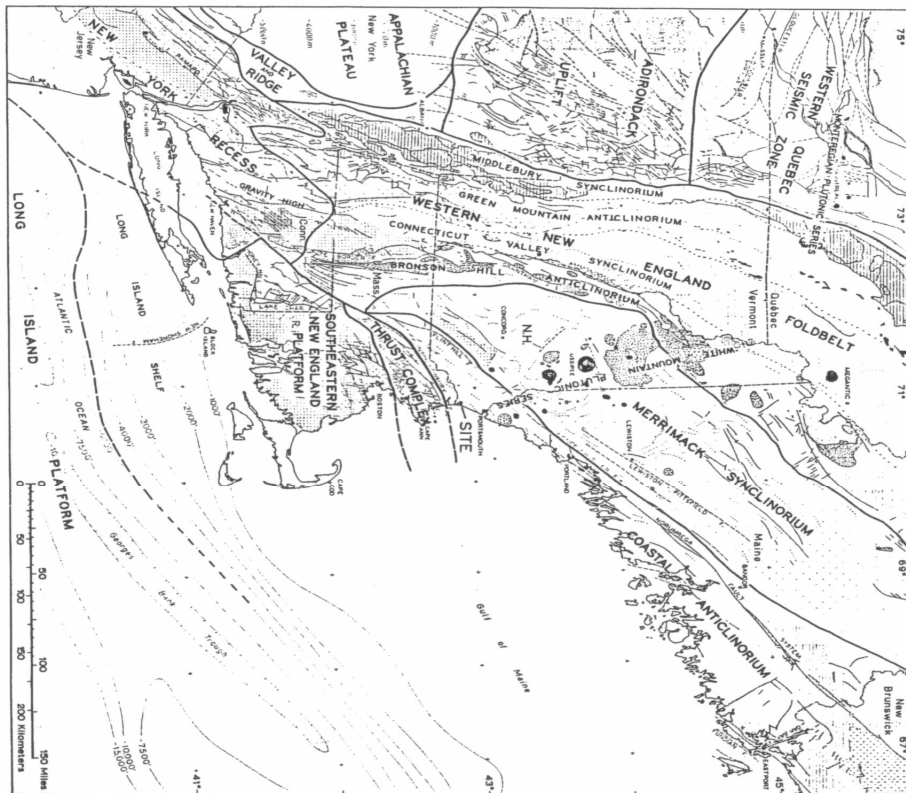
Figure 2.5-1



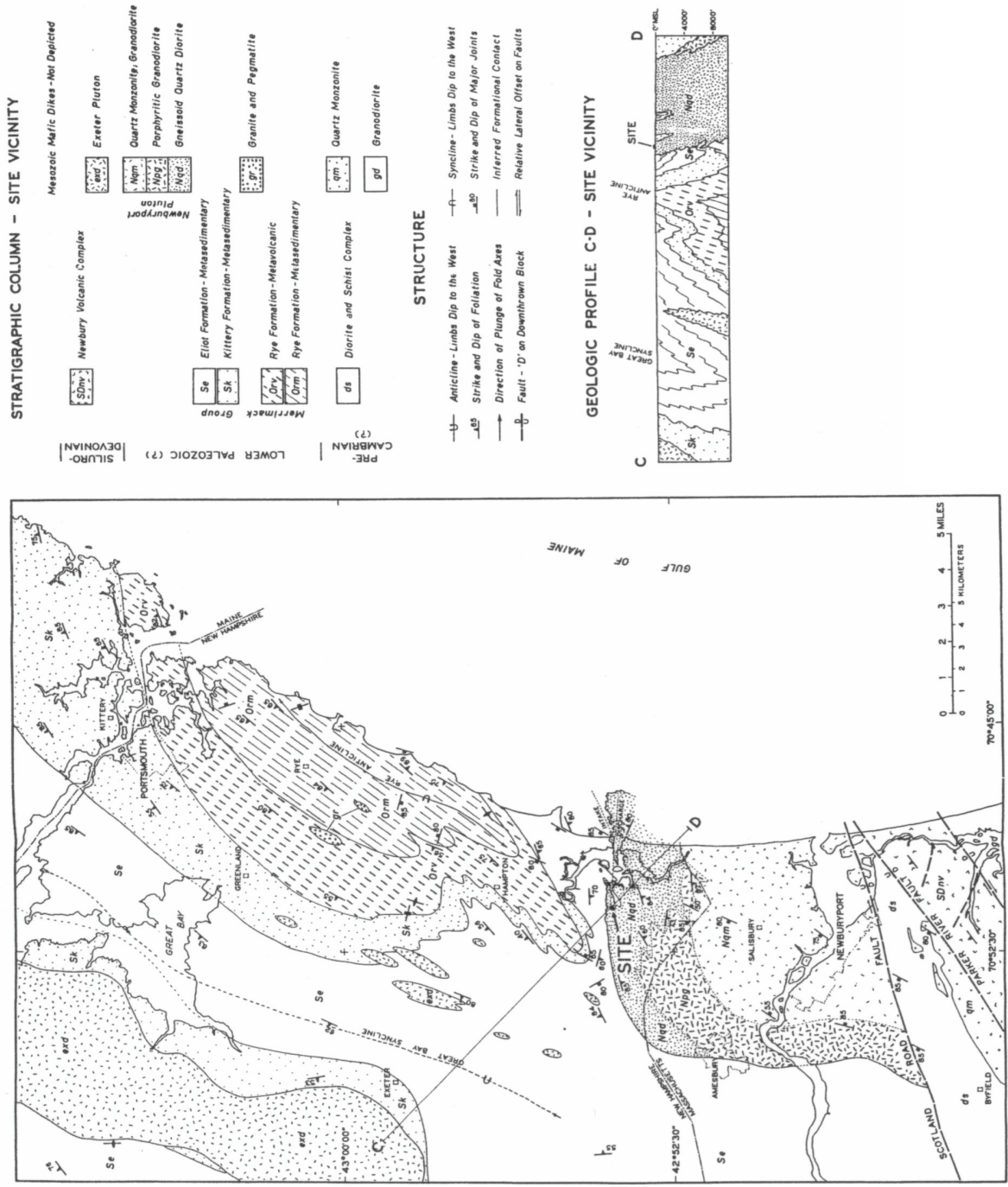




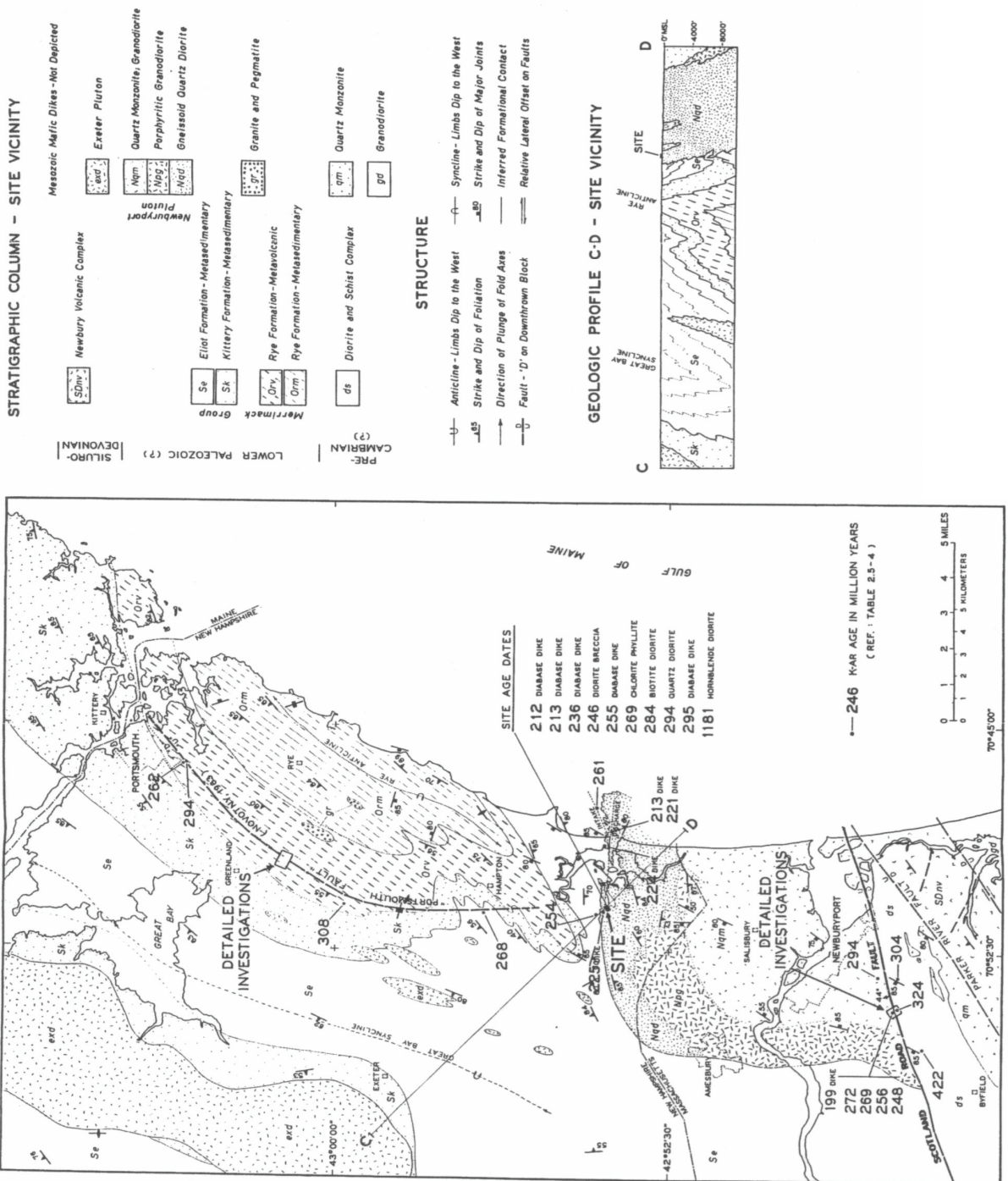
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Regional Tectonic Provinces	
		Figure 2.5-5



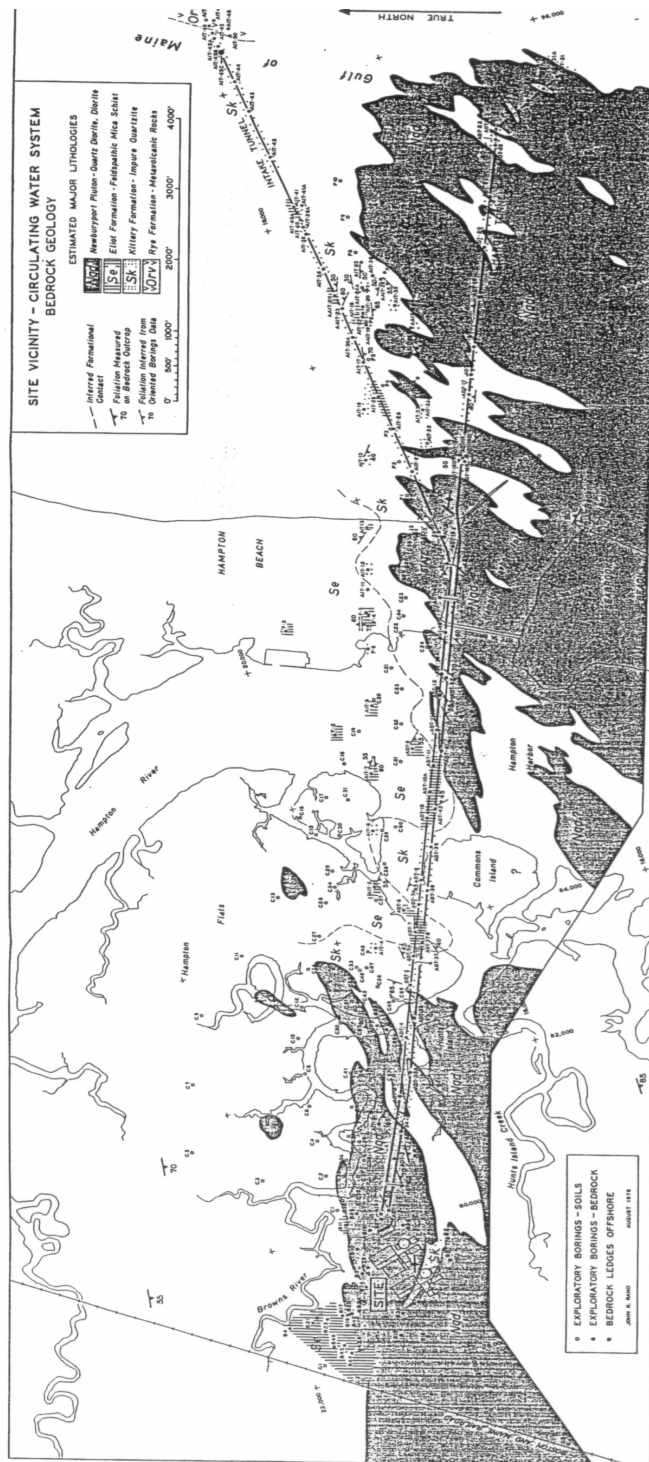
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Regional Tectonic Provinces	
		Figure 2.5-5



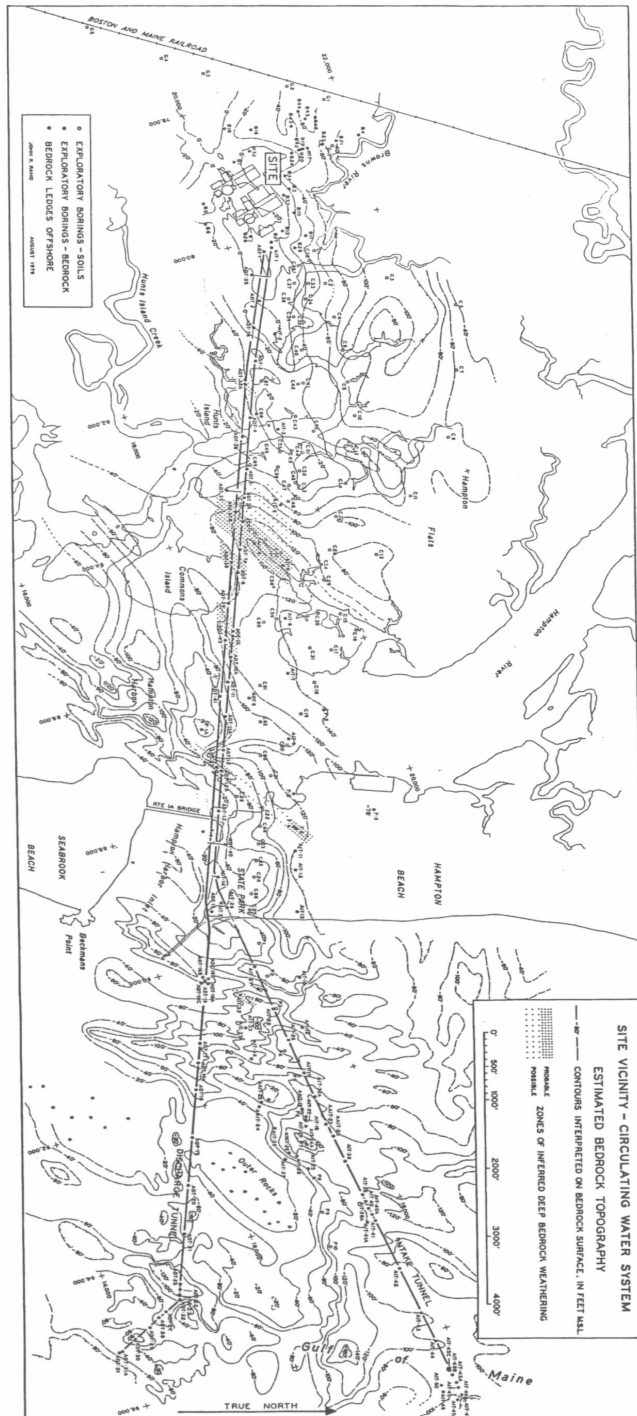
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Site Vicinity Bedrock Geology
	Figure 2.5-7



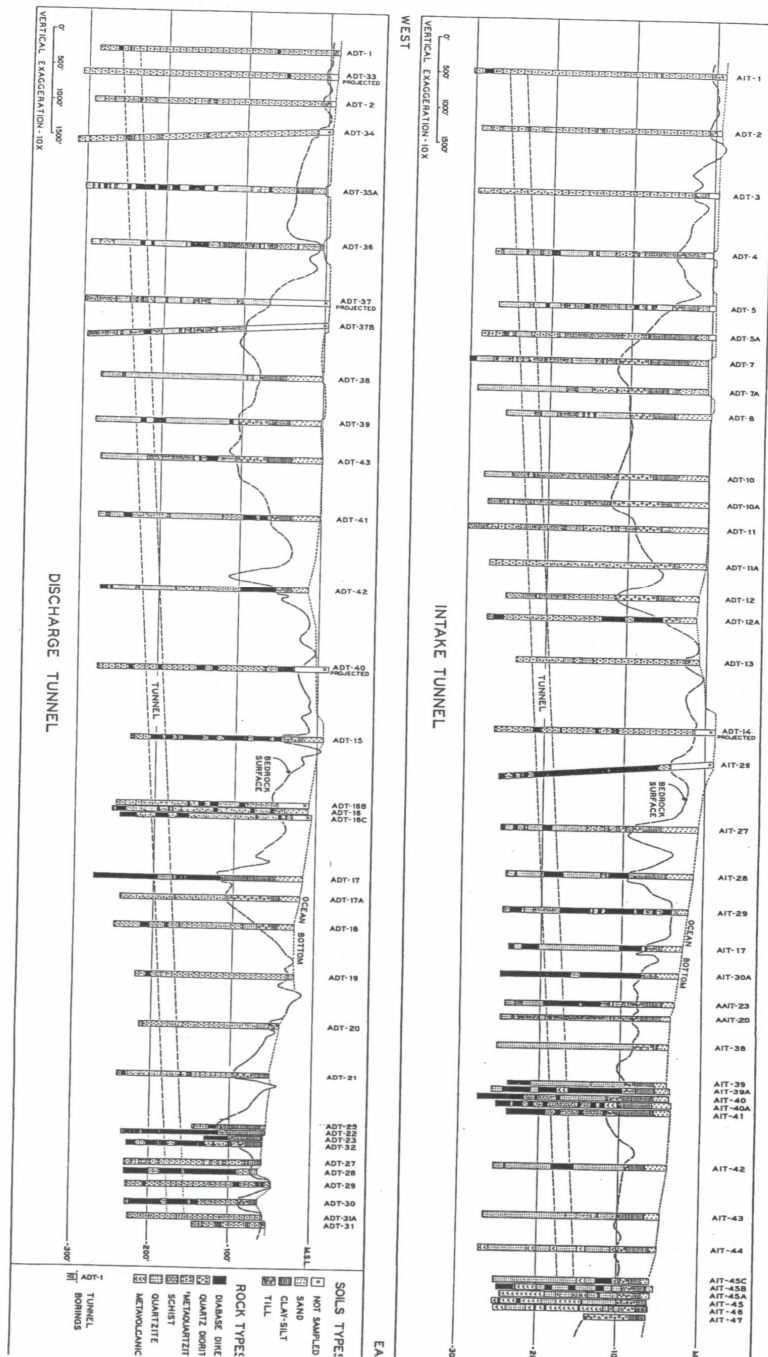
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Site Vicinity Fault Investigations and Radiometric Dating	
	Figure 2.5-8	



SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Site Vicinity - Bedrock Geology Circulating Water System	
		Figure 2.5-9



SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Site Vicinity - Estimated Bedrock Topography Circulating Water System	
		Figure 2.5-10



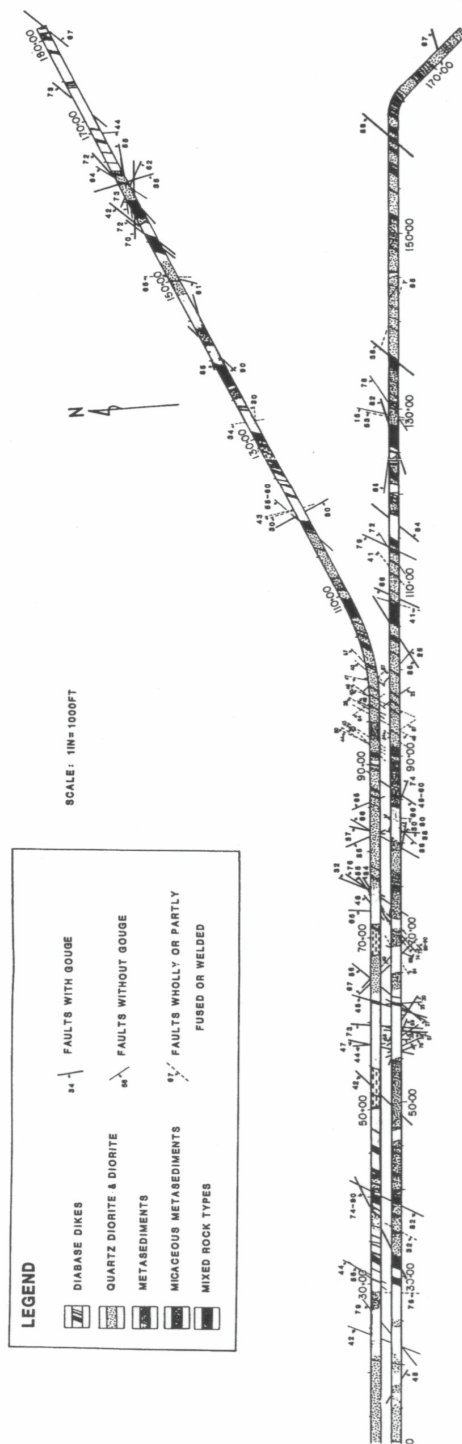
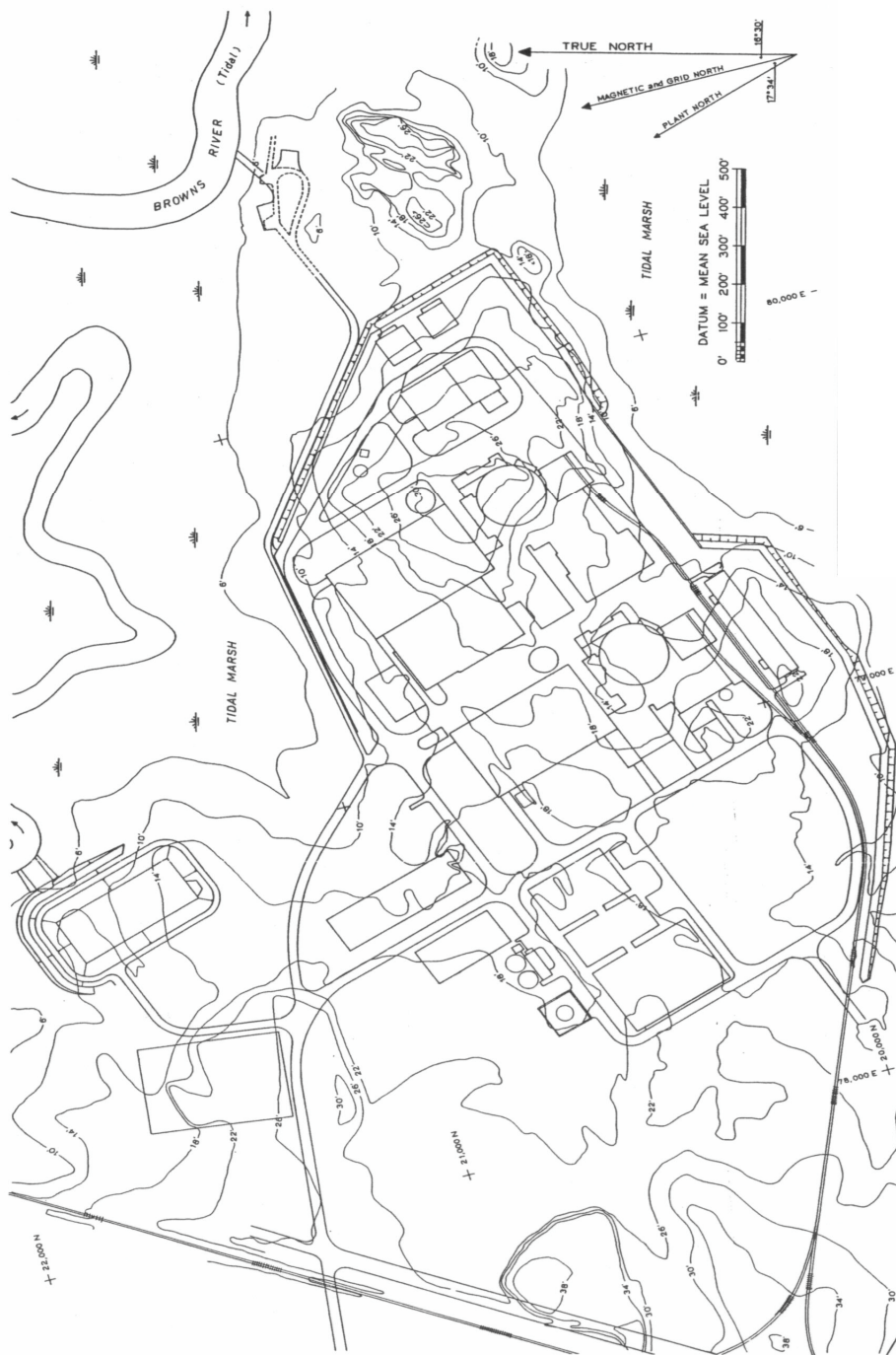




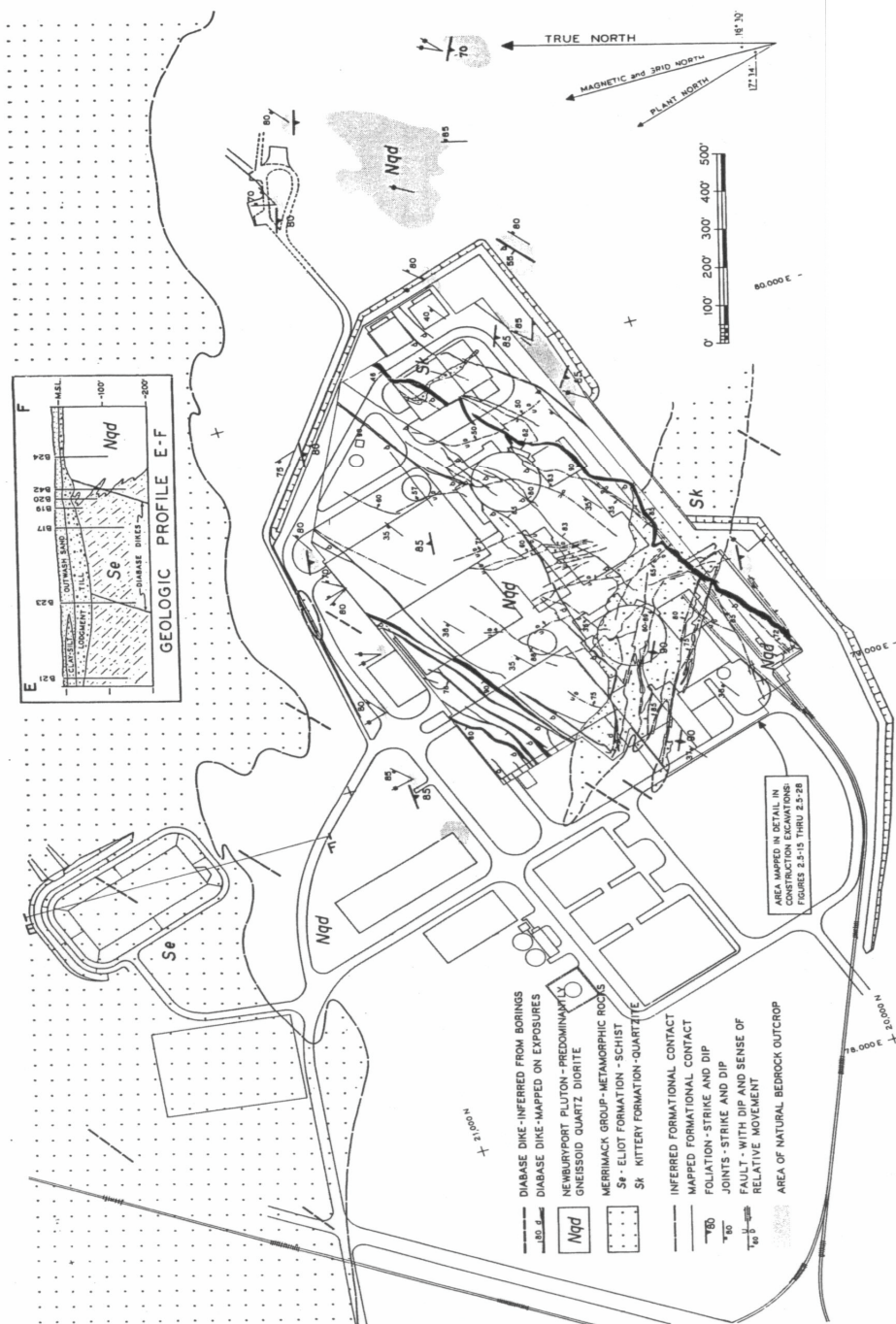
Figure 2.5-13

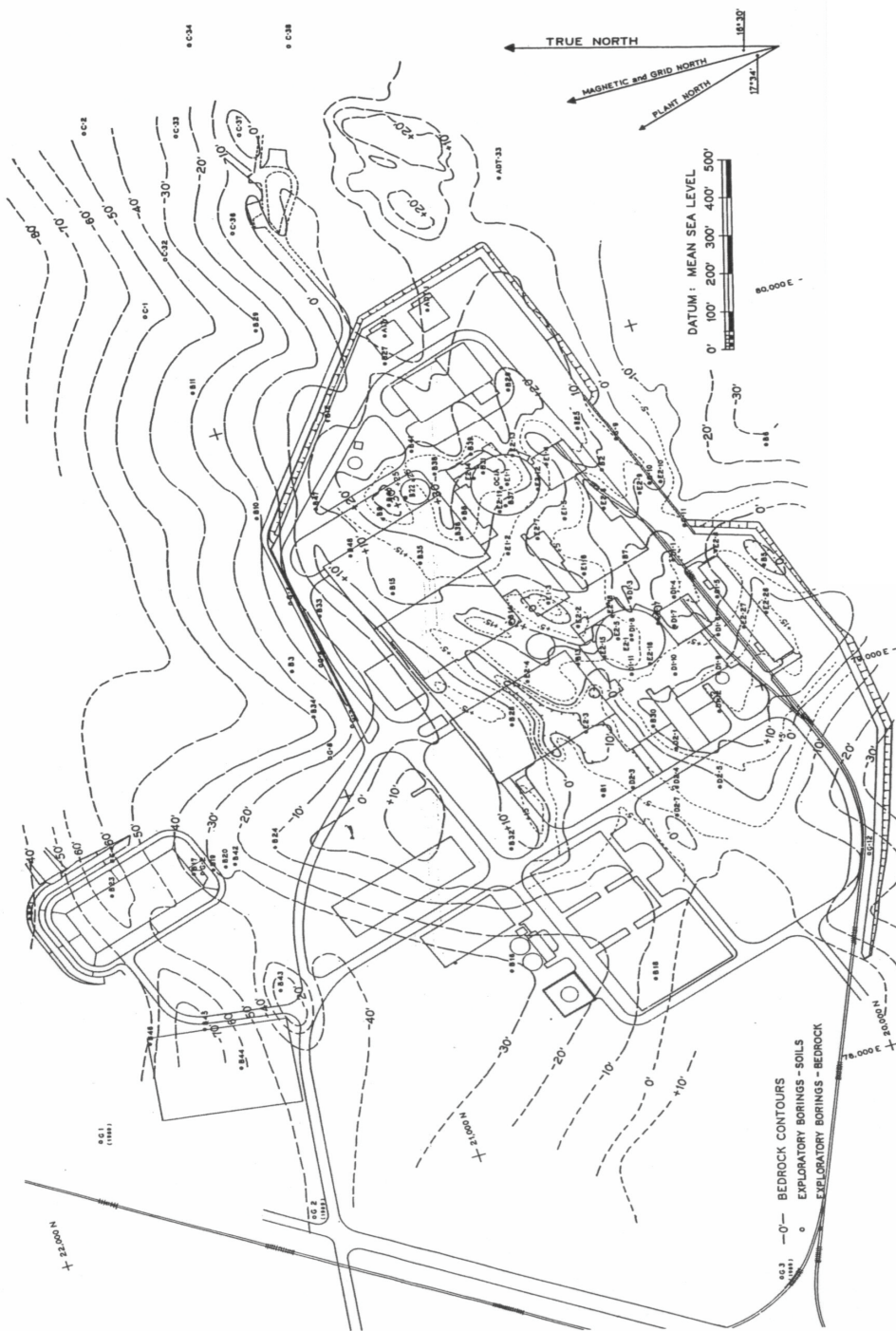
Site Vicinity - Discharge Tunnel Geology

Figure 2.5-14

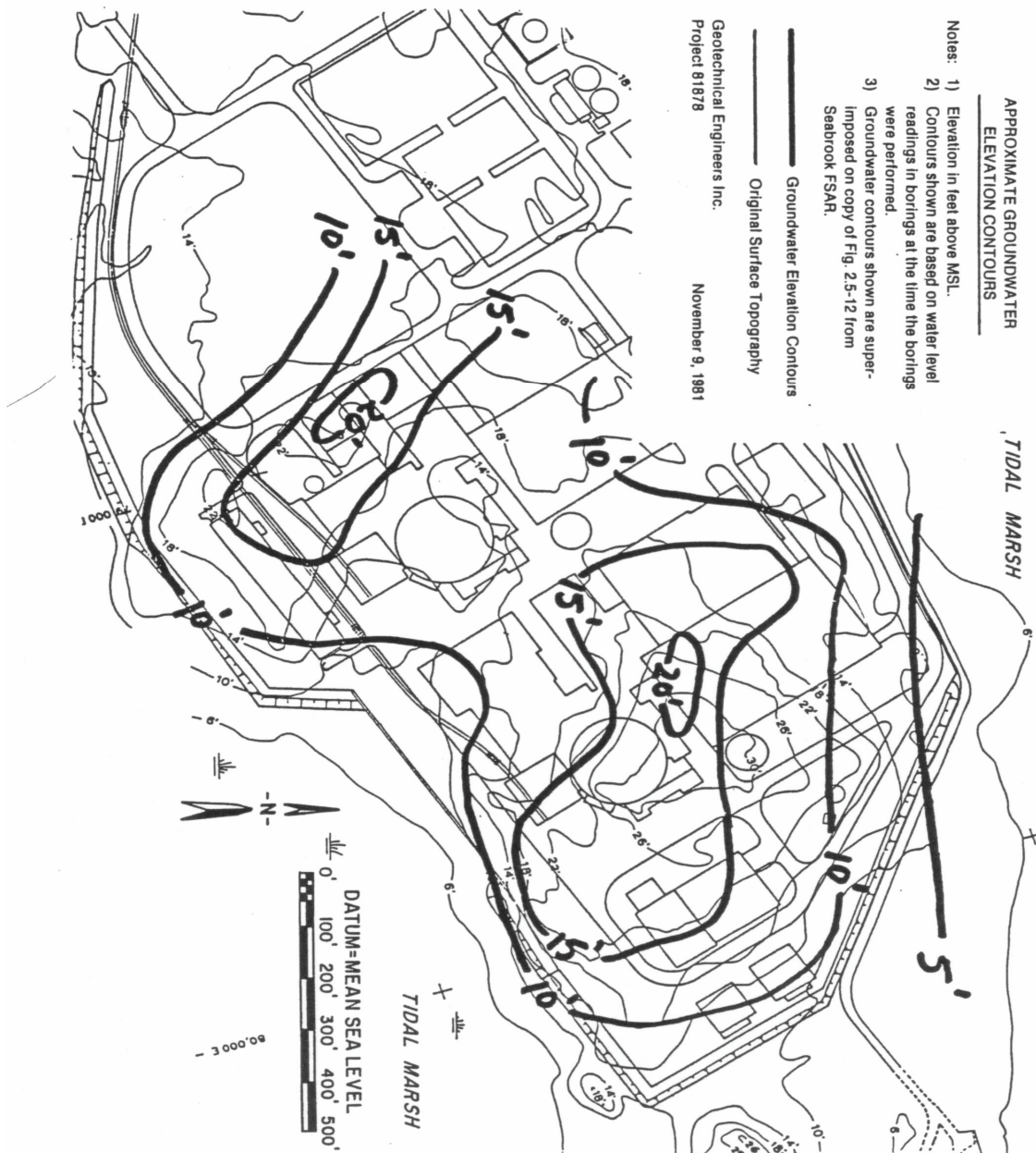


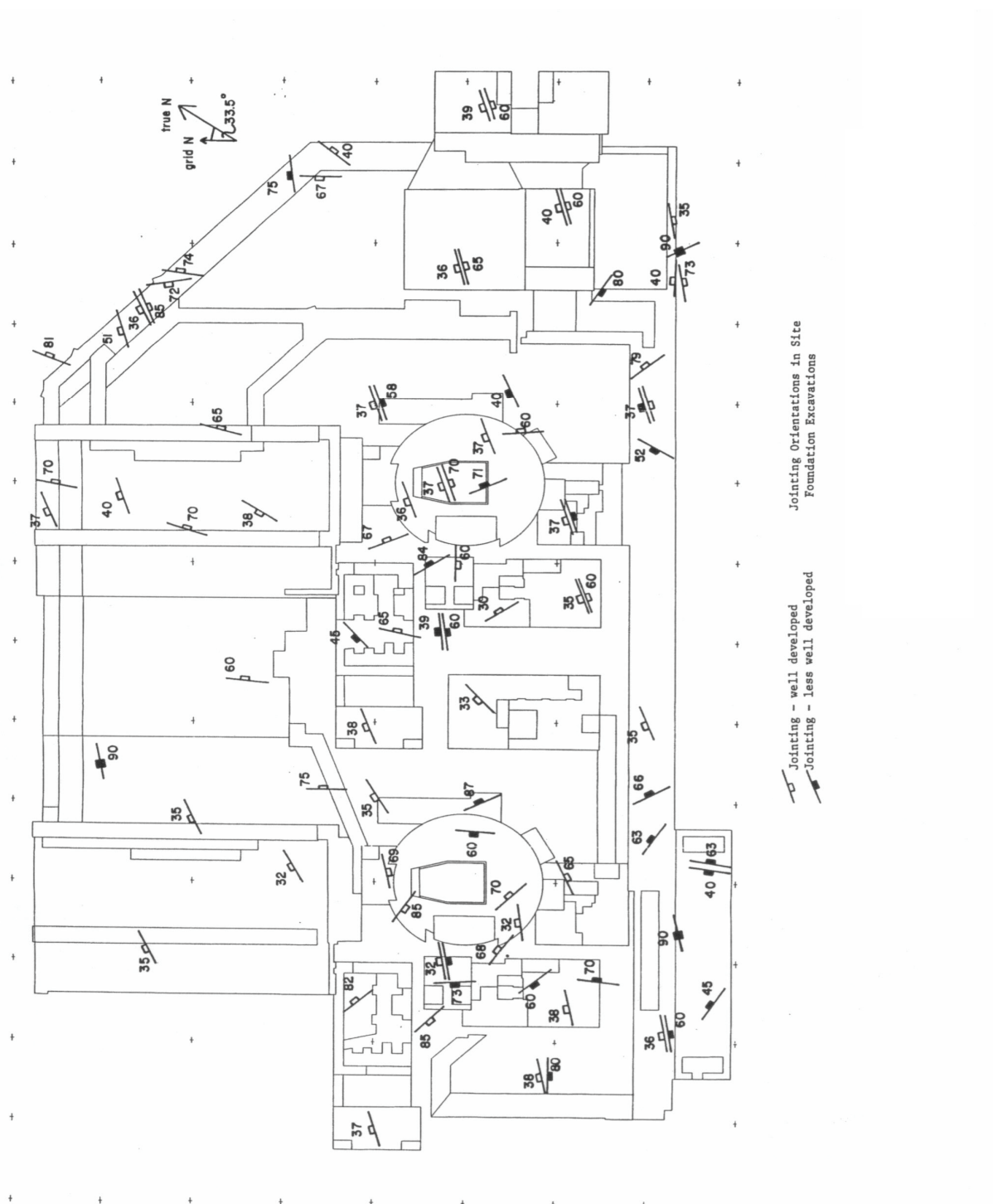
SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Site Area Plot Plan and Original Surface Topography	
		Figure 2.5-15





<p>SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT</p>	<p>Site Area Boring Locations and Estimated Bedrock Topography</p>	
		<p>Figure 2.5-17</p>

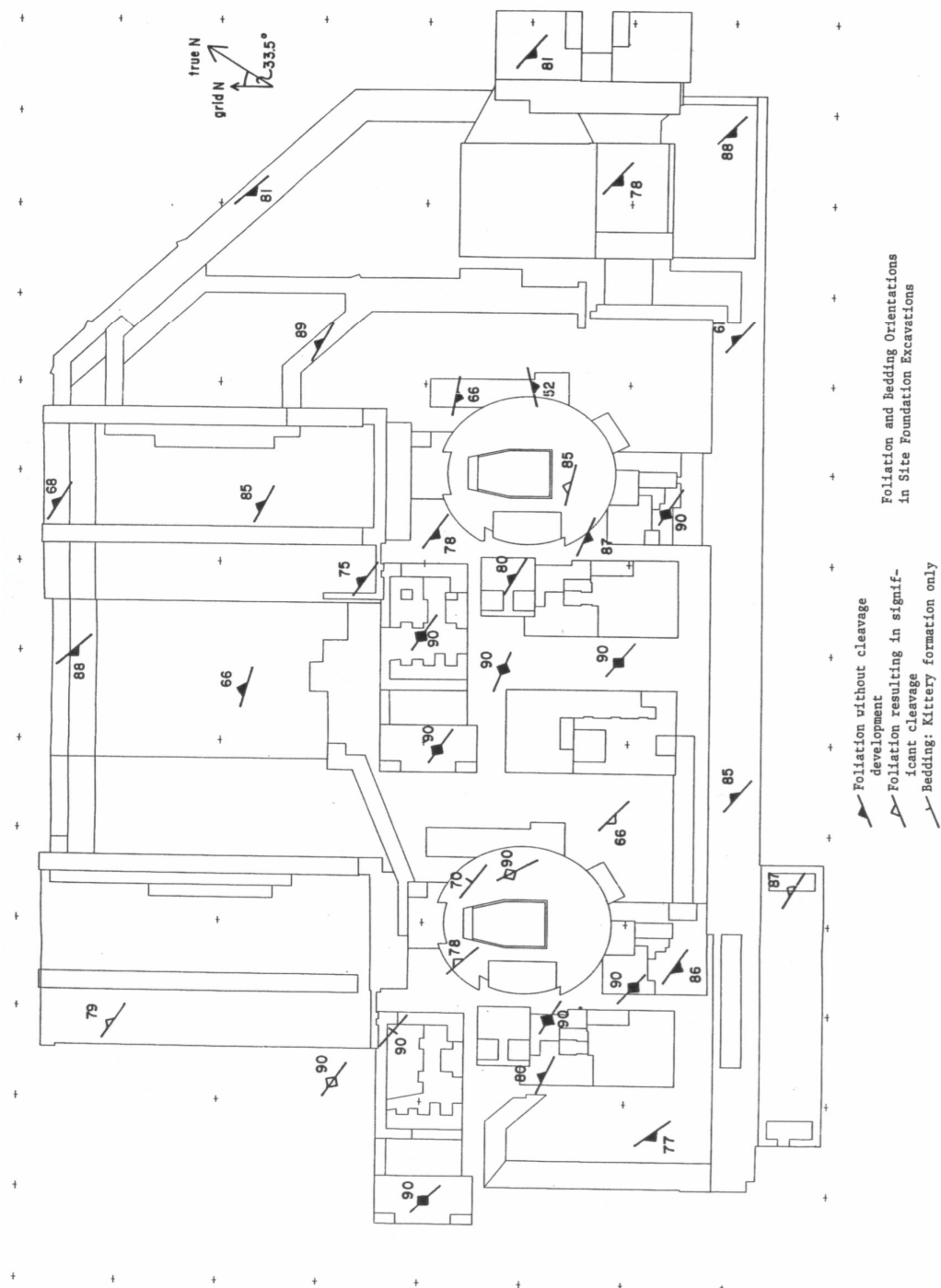


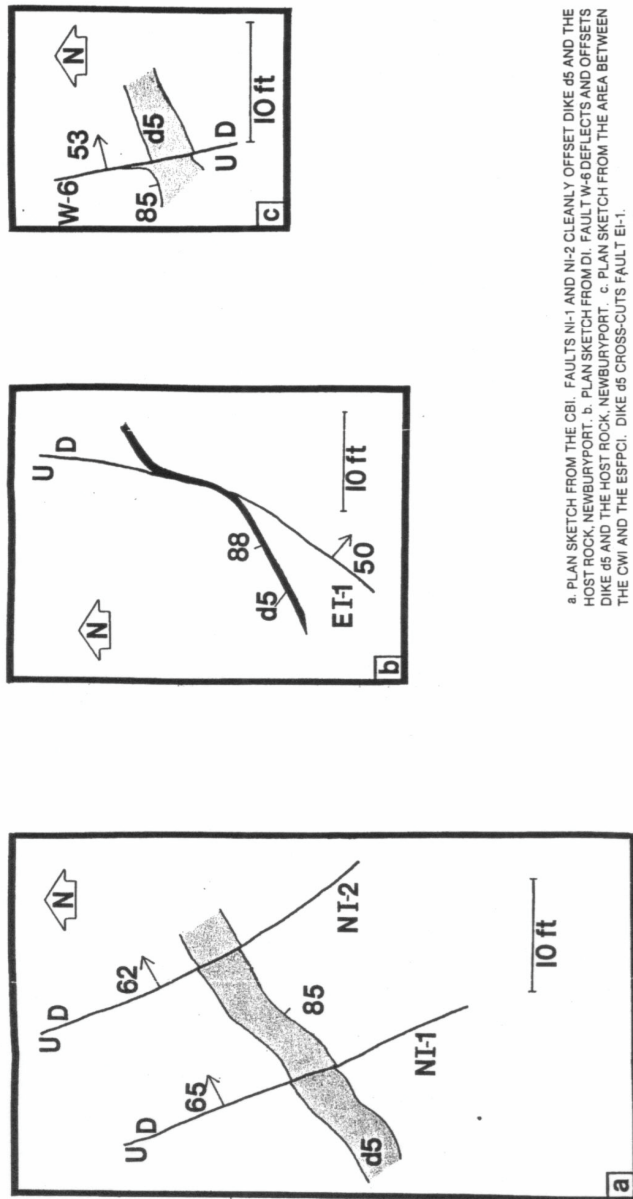


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Jointing Orientations in Site Foundation Excavations

Figure 2.5-21





a. PLAN SKETCH FROM THE CBI. FAULTS NI-1 AND NI-2 CLEANLY OFFSET DIKE d5 AND THE HOST ROCK, NEWBURYPORT. b. PLAN SKETCH FROM DI. FAULT W-5 DEFLECTS AND OFFSETS DIKE d5 AND THE HOST ROCK, NEWBURYPORT. c. PLAN SKETCH FROM THE AREA BETWEEN THE CWI AND THE ESFPCI. DIKE d5 CROSS-CUTS FAULT EI-1.

SEABROOK STATION UPDATED FINAL SAFETY ANALYSIS REPORT	Sketches Detailing NI-1, NI-2, EI-1, and W-6	
		Figure 2.5-23