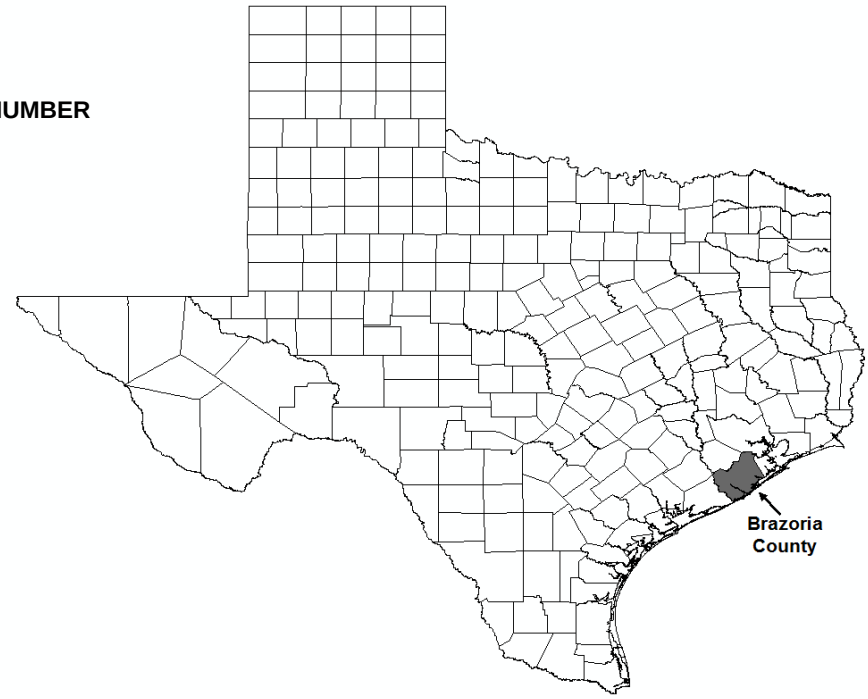
FLOOD INSURANCE STUDY



BRAZORIA COUNTY
TEXAS
AND INCORPORATED AREAS

VOLUME 4 OF 4

COMMUNITY NAME	COMMUNITY NUMBER
ALVIN, CITY OF	485451
ANGLETON, CITY OF	480064
BAILEY'S PRAIRIE, VILLAGE OF	480065
BONNEY, VILLAGE OF	481300
BRAZORIA, CITY OF	480066
BRAZORIA COUNTY, UNINCORPORATED AREAS	485458
BROOKSIDE VILLAGE, CITY OF	480067
CLUTE, CITY OF	480068
DANBURY, CITY OF	480069
FREEPORT, CITY OF	485467
HILLCREST VILLAGE, CITY OF	485478
HOLIDAY LAKES, TOWN OF	485517
IOWA COLONY, CITY OF	481071
JONES CREEK, VILLAGE OF	480072
LAKE JACKSON, CITY OF	485484
LIVERPOOL, CITY OF	480075
MANVEL, CITY OF	480076
OYSTER CREEK, CITY OF	481255
PEARLAND, CITY OF	480077
QUINTANA, TOWN OF	481301
RICHWOOD, CITY OF	485502
SANDY POINT, CITY OF	480071
SURFSIDE BEACH, CITY OF	481266
SWEENY, CITY OF	485512
WEST COLUMBIA, CITY OF	480081



REVISED PRELIMINARY JUNE 29, 2018

Revised: XXXX YY, 20XX

Federal Emergency Management Agency

Flood Insurance Study Number

48039CV004A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

This preliminary revised Flood Insurance Study contains profiles presented at a reduced scale to minimize reproduction costs. All profiles will be included and printed at full scale in the final published report.

Part or all of this Flood Insurance Study may be revised and republished at any time. In addition, part of this Flood Insurance Study may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the Flood Insurance Study. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current Flood Insurance Study components.

ATTENTION: On FIRM panels 0430, 0435, 0440, 0445, 0465, 0605, and 0610 the Angleton Levee; and on FIRM panels 0615, 0620, 0640, 0645, 0785, 0795, 0805, 0810, and 0815 the Freeport Hurricane Flood Protection Levee System; have not been demonstrated by the communities or levee owners to meet the requirements of Section 65.10 of the NFIP regulations in 44 CFR as it relates to the levee's capacity to provide 1-percent-annual-chance flood protection. The subject areas are identified on FIRM panels (with notes and bounding lines) and in the FIS report as potential areas of flood hazard data changes based on further review.

FEMA has updated the levee analysis and mapping protocols for non-accredited levees. Until such time as FEMA is able to initiate a new flood risk project to apply the new procedures, the flood hazard information on the aforementioned FIRM panel that are affected by the Angleton Levee and Freeport Hurricane Flood Protection Levee System are being added as a snapshot of the prior effective information presented on the FIRMs and FIS reports dated September 22, 1999 for Brazoria County, Texas and Incorporated Areas. As indicated above, it is expected that affected flood hazard data within the subject area could be significantly revised. This may result in floodplain boundary changes, 1-percent-annual-chance flood elevation changes, and/or changes to flood hazard zone designations.

The effective FIRM panels (and the FIS) will again be revised to update the flood hazard information associated with the Angleton and Freeport Levee Systems when FEMA is able to initiate and complete a new flood risk project to apply the updated levee analysis and mapping procedures.

Initial Countywide Flood Insurance Study Date Effective Date: June 5, 1989

First Revised Countywide Flood Insurance Study Date: November 17, 1993

Second Revised Countywide Flood Insurance Study Date: September 22, 1999

Third Revised Countywide Flood Insurance Study Date: TBD

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VOLUME 2

Exhibit 1 – Flood Profiles

Amoco Drive Overflow	01P
Austin Bayou	02P-06P
Bastrop Bayou and Bastrop Bayou West Tributary	07P-09P
Bastrop Ditch 3	09(a)
Bastrop Bayou East Tributary	10P-11P
Bastrop Ditch 1	11(a)
Bell Creek	12P-13P
Berry Road Overflow	14P
Brazos River	15P-17P
Brushy Bayou	18P-22P
Cedar Lake Creek	23P-25P
Chigger Creek	26P-27P
Chigger Creek Bypass	28P
Chocolate Bayou (100-00-00)	29P-34P
Clear Creek	35P-38P
Cocklebur Slough	39P-41P
Cow Creek	42P-43P
Cowart Creek	44P-45P
Cowart Creek Tributary 1	46P
Cowart Creek Tributary 2	47P-48P

VOLUME 3

Exhibit 1 – Flood Profiles (continued)

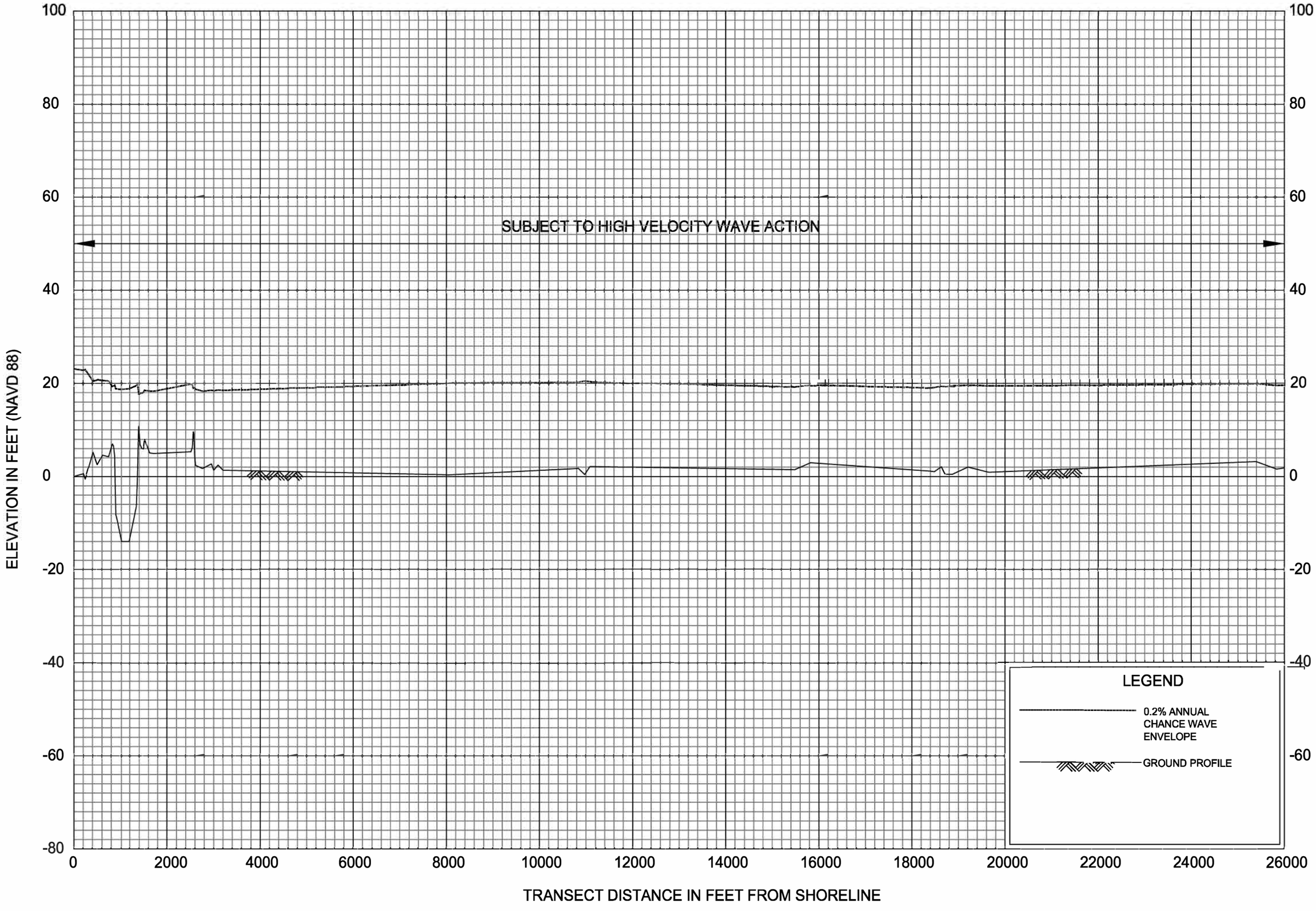
Cowart Creek Tributary 2 Overflow 1	49P
Cowart Creek Tributary 2 Overflow 2	50P
Cowart Creek Tributary 2-1	51P
Cowart Creek Tributary 2-2	52P
Cowart Creek Tributary 3	53P
CR 879B Overflow	54P
Flores Bayou	55P-57P
Halls Bayou	58P-59P
Harkey Road Overflow	60P
Hickory Slough	61P-62P
Linnville Bayou	63P-67P
Marys Creek	68P-69P
Marys Creek Bypass Channel	70P
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Mound Creek	72P-73P
Mustang Bayou	74P-80P
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VOLUME 4

Exhibit 2 – Transect Profiles

Transects 1 - 40	113P-209P

Exhibit 3 – Flood Insurance Rate Map Index
Flood insurance Rate Maps



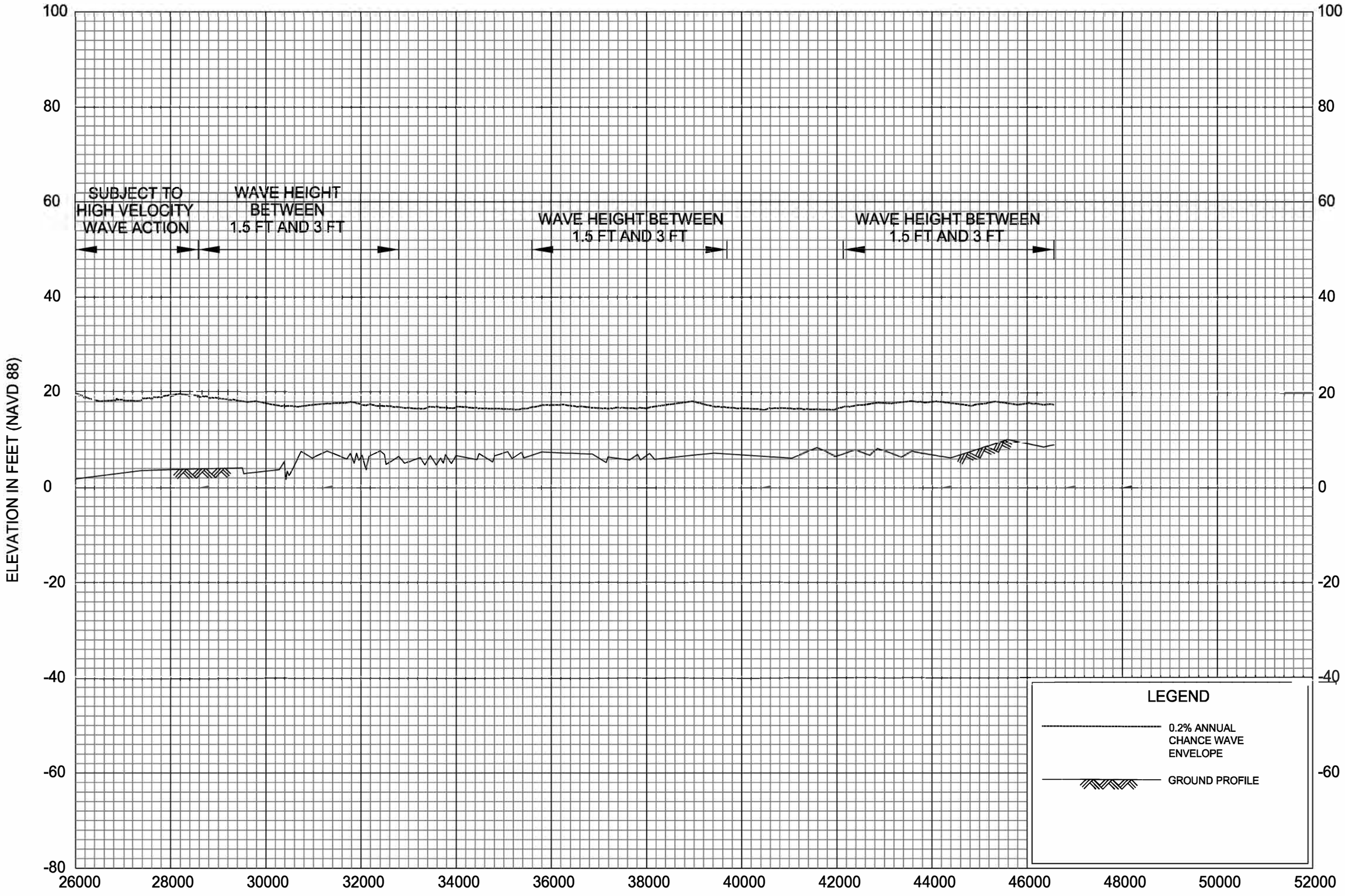
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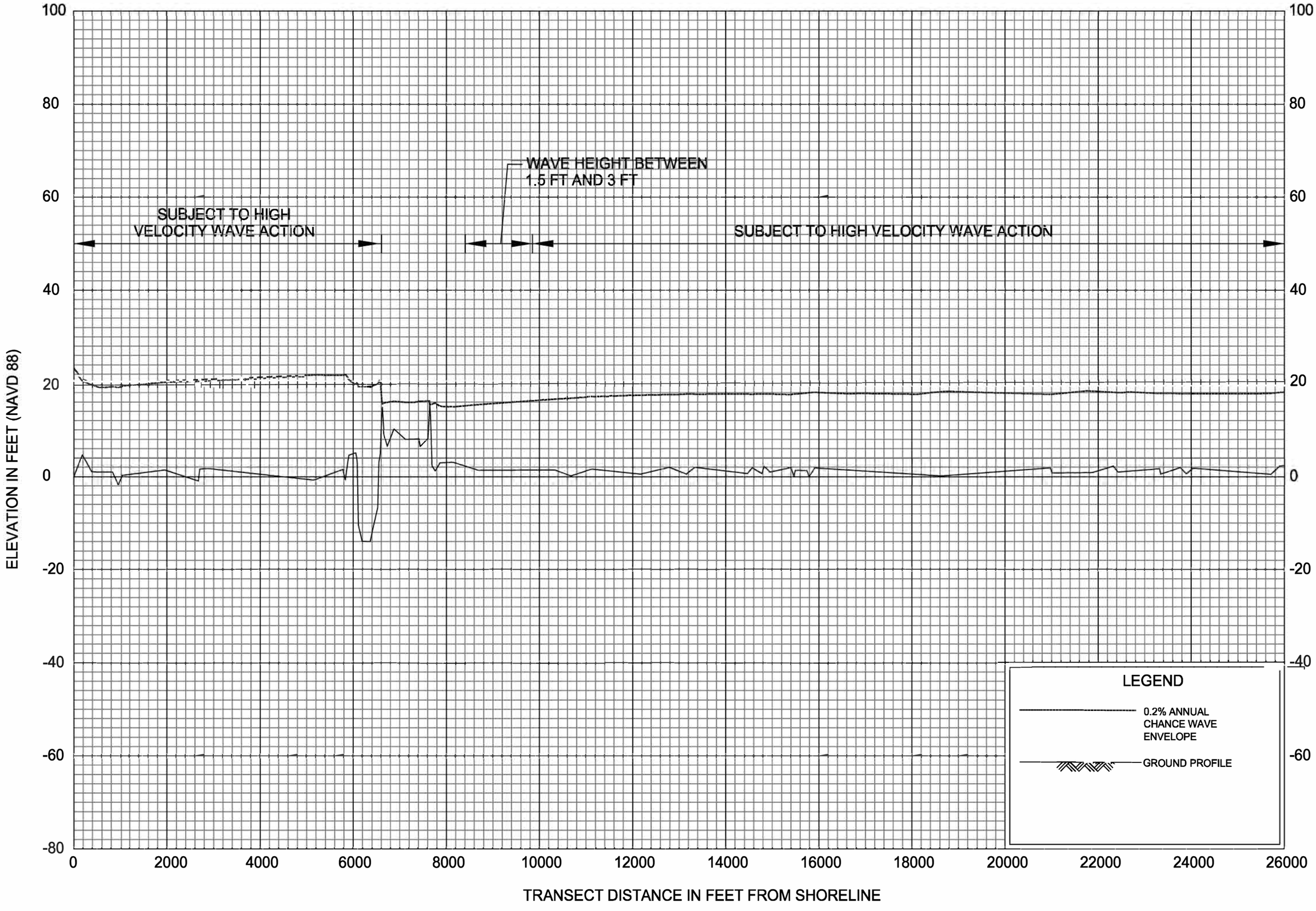


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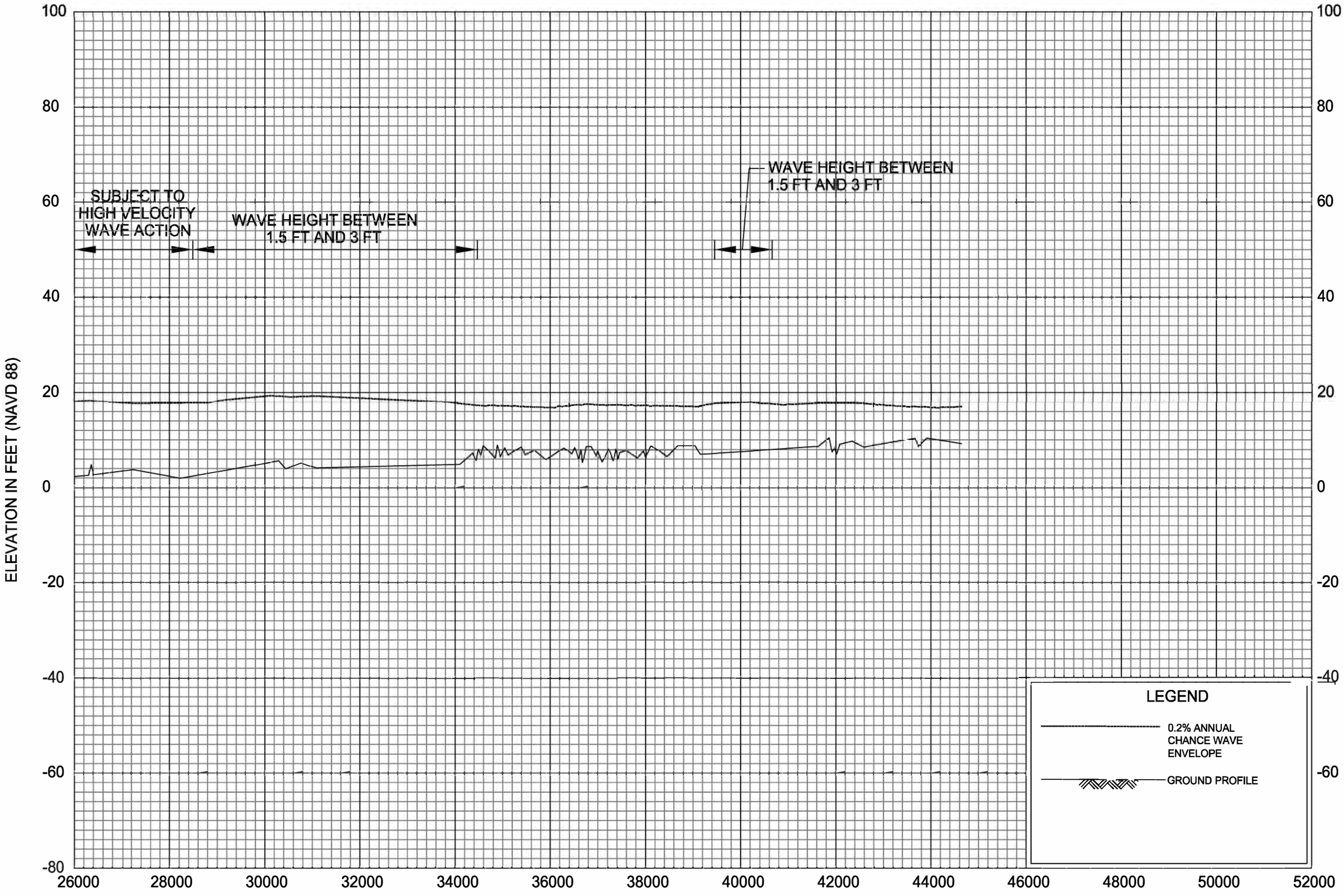
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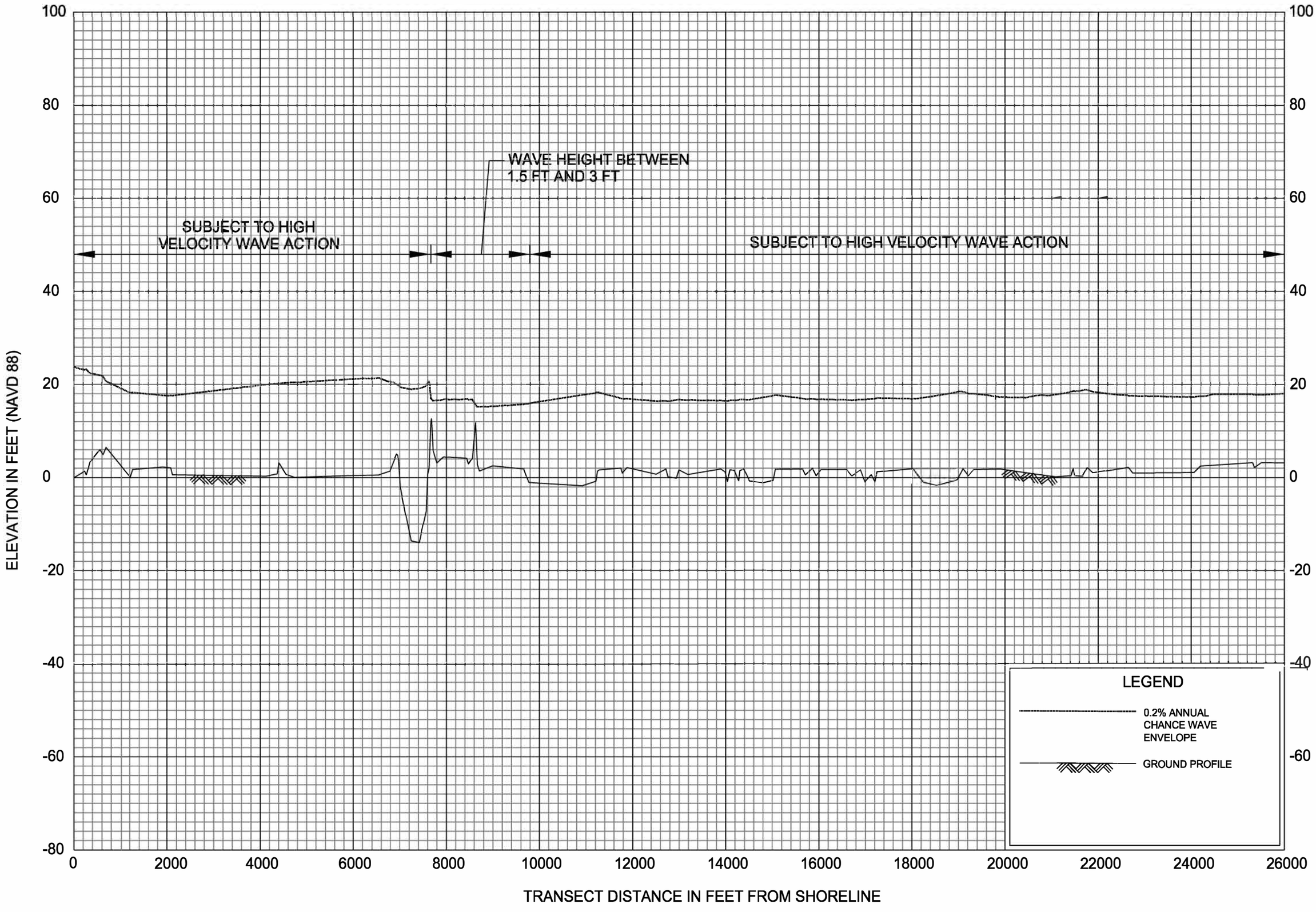
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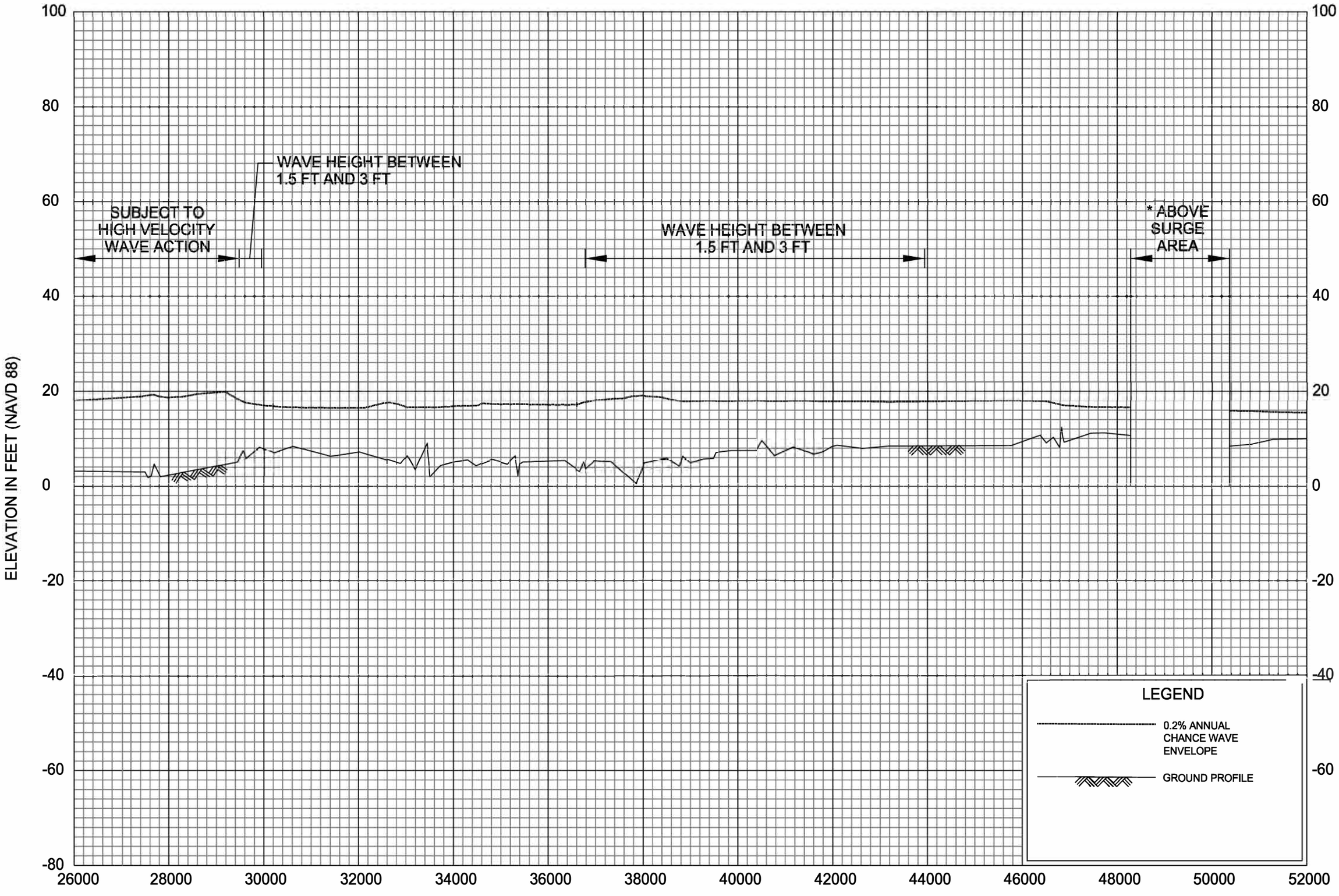
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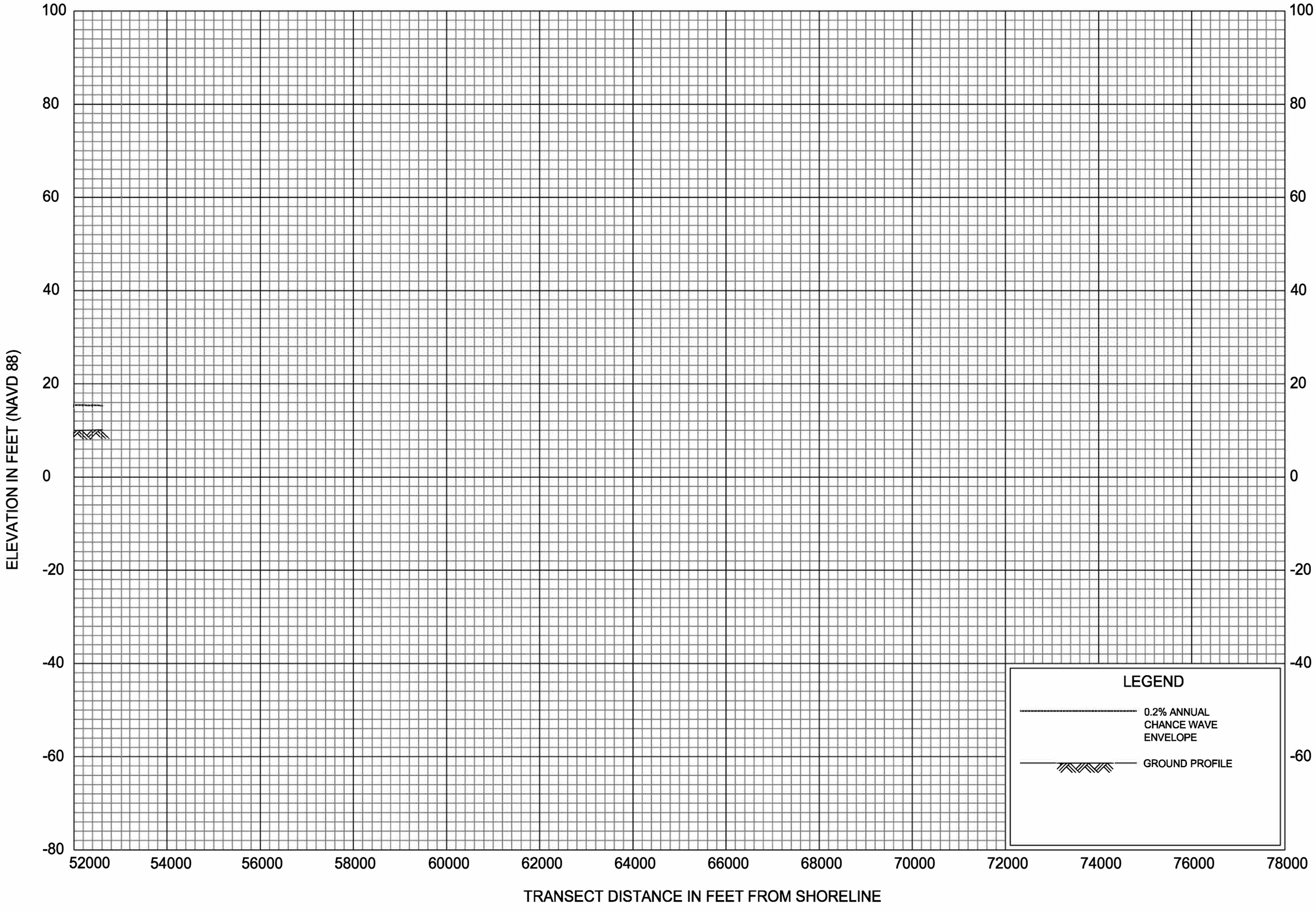
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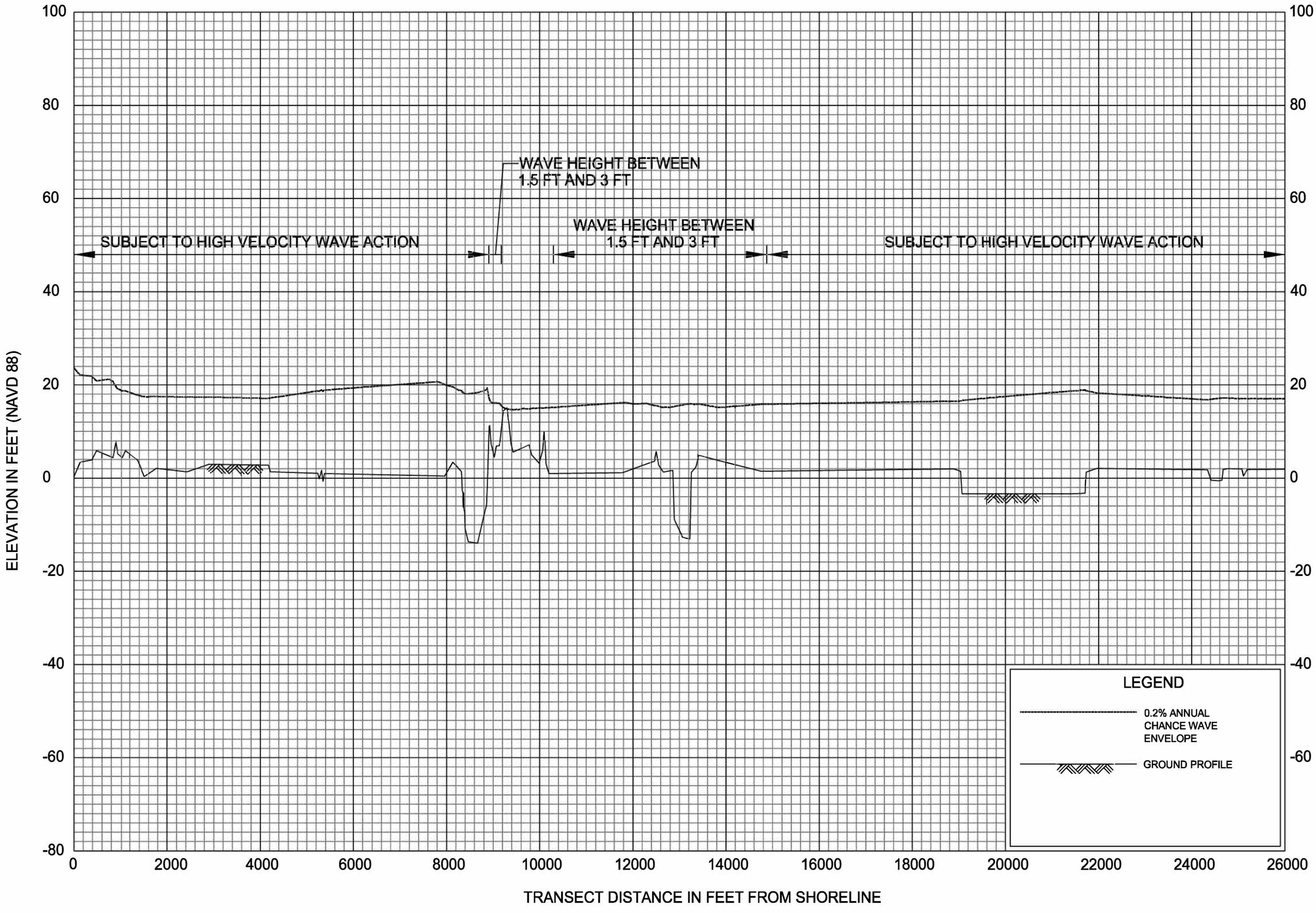
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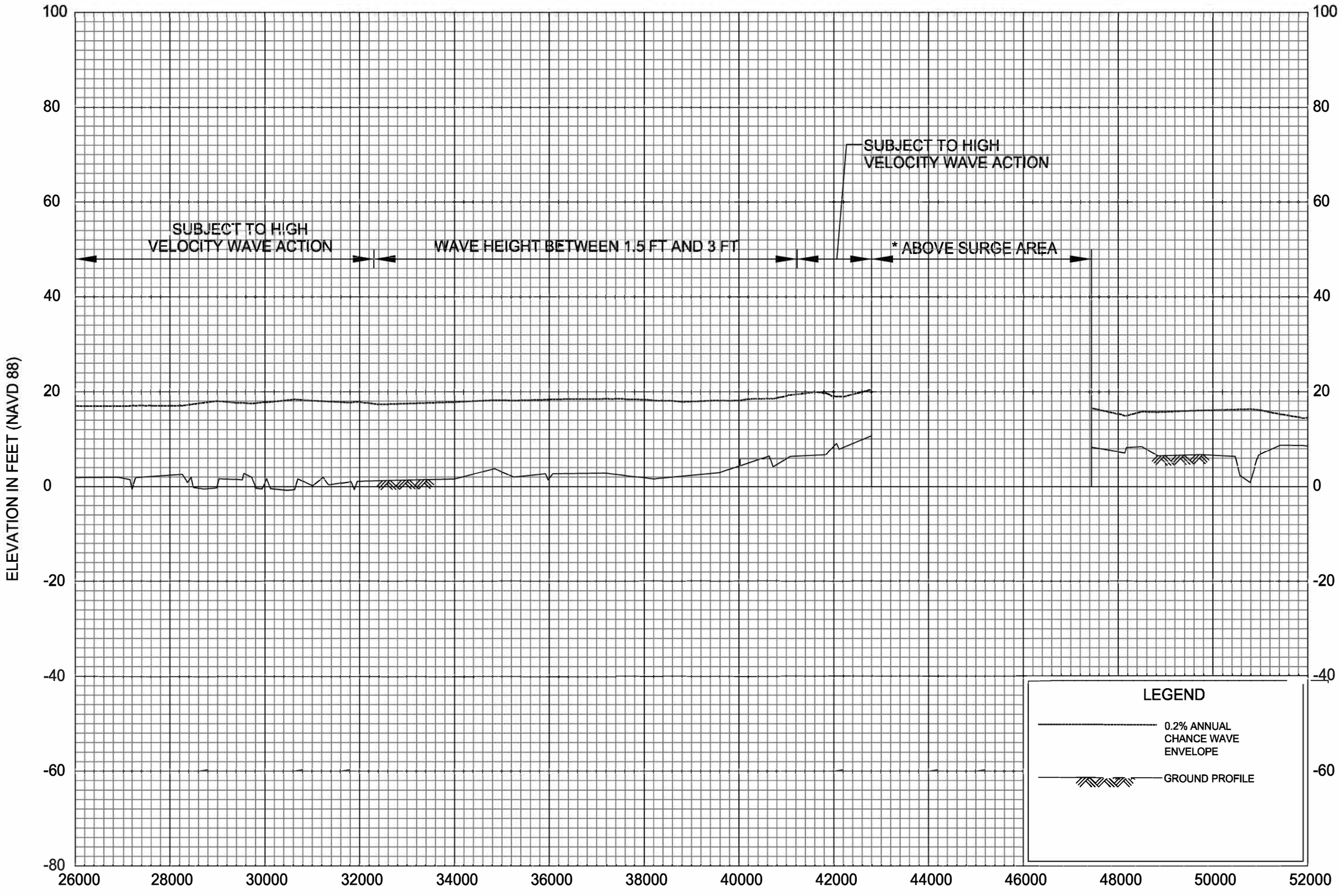
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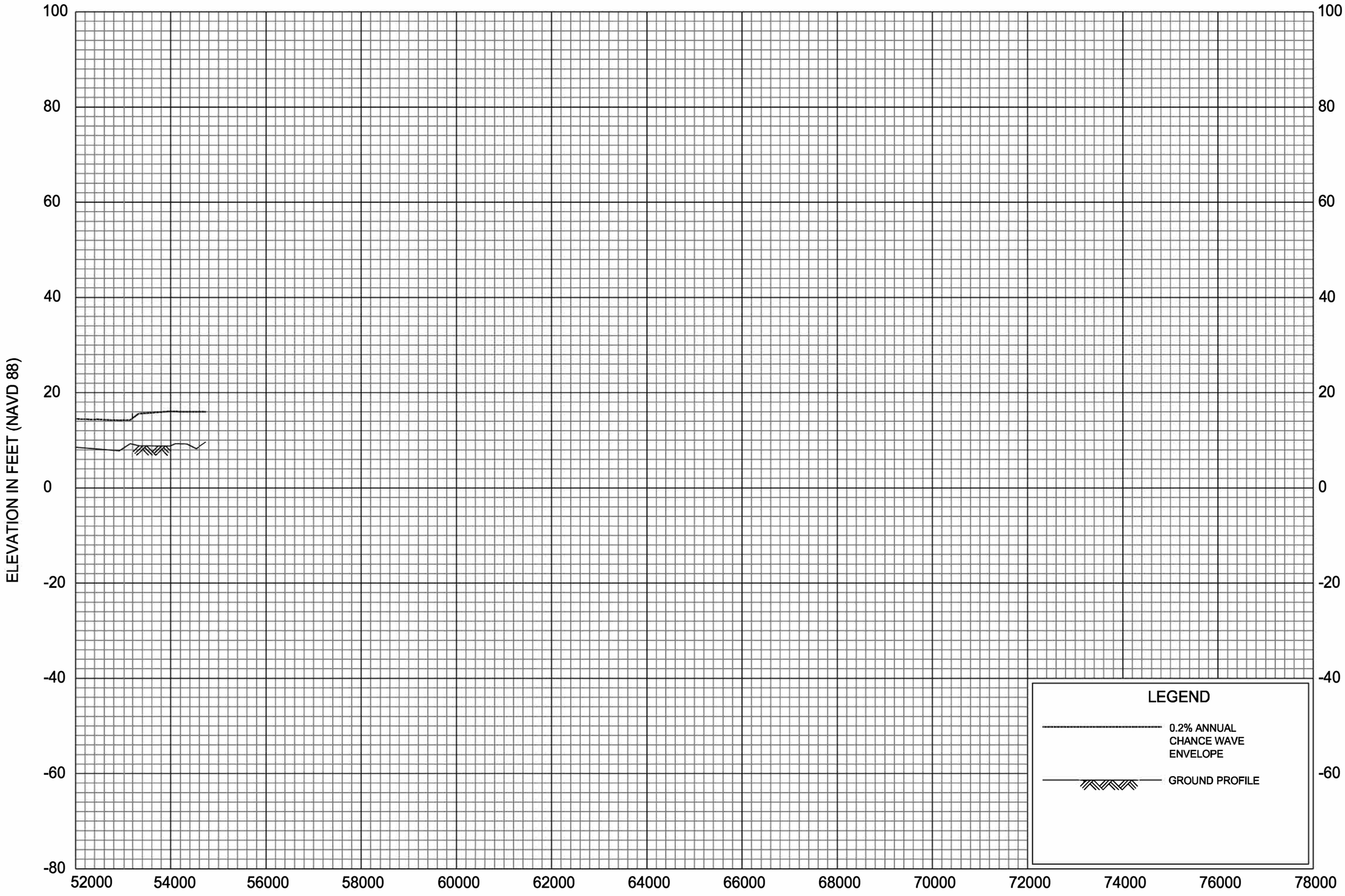
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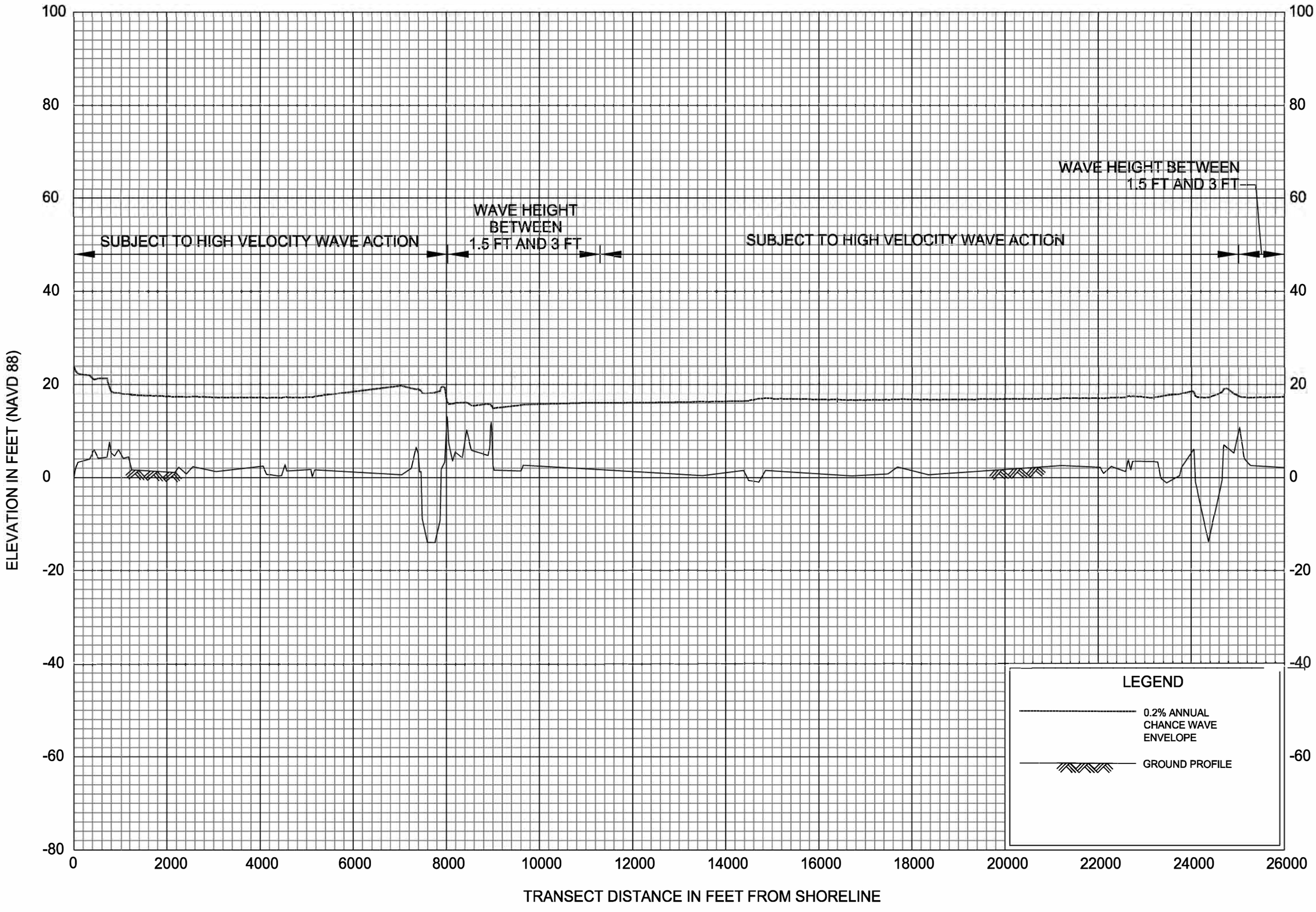
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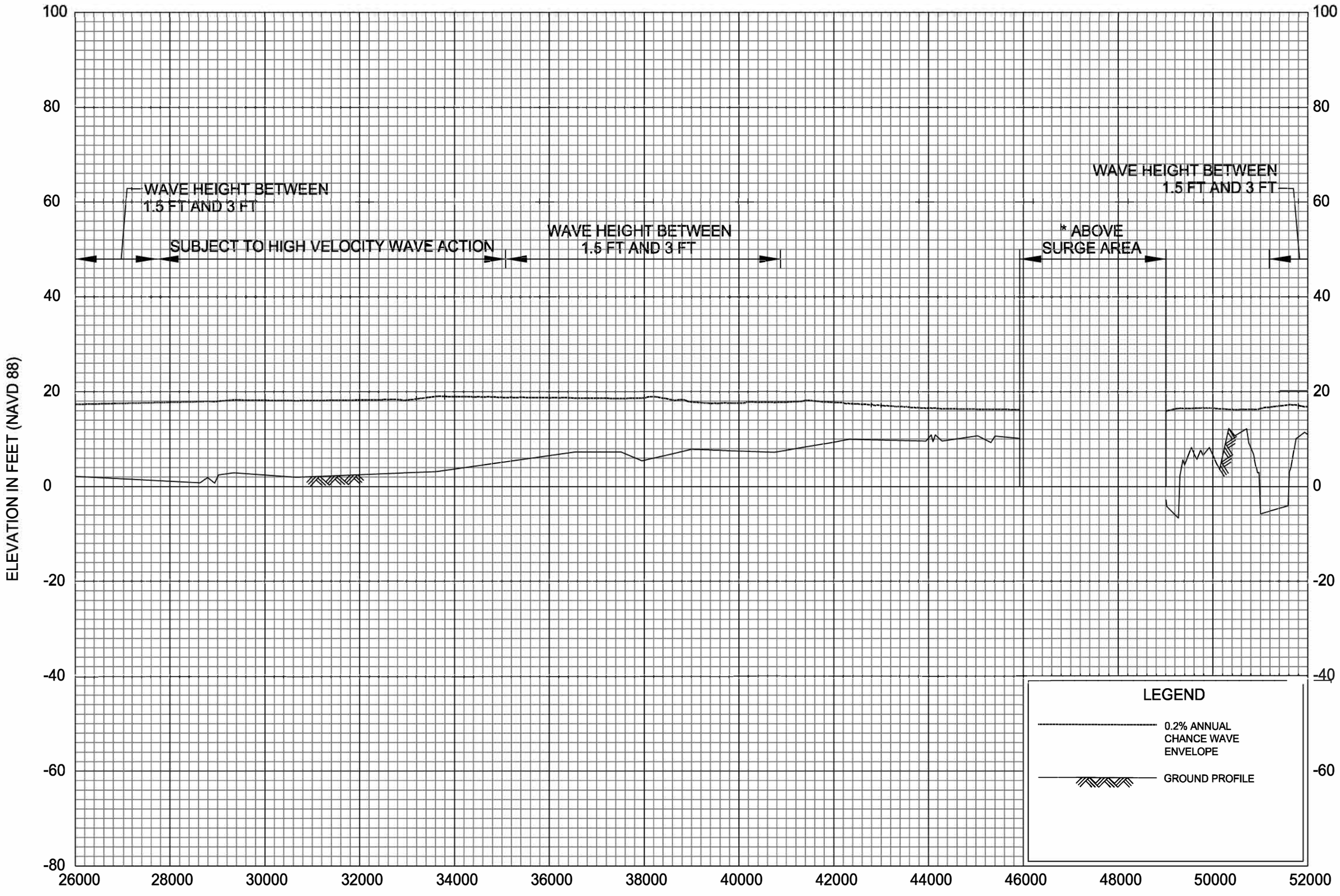
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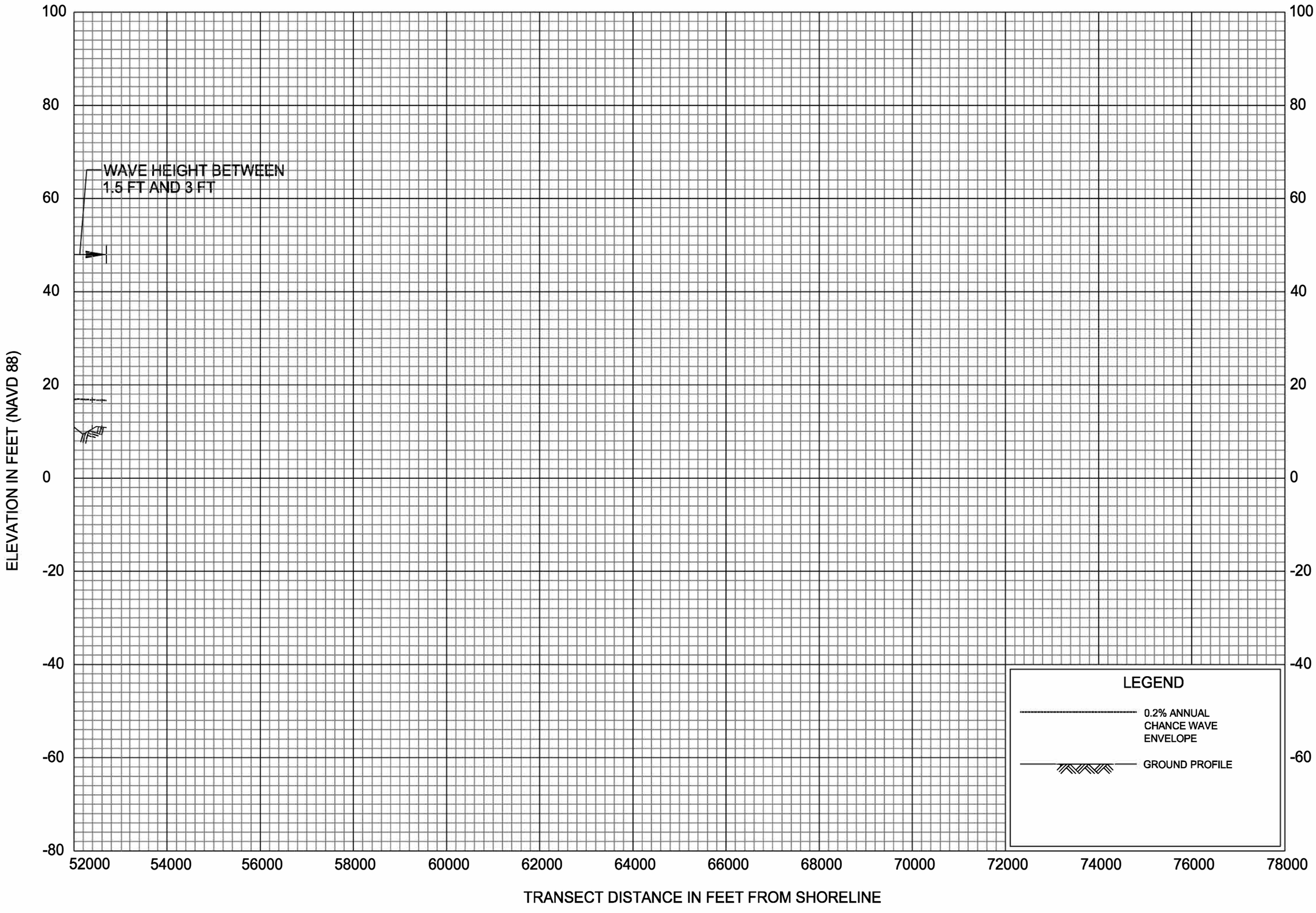
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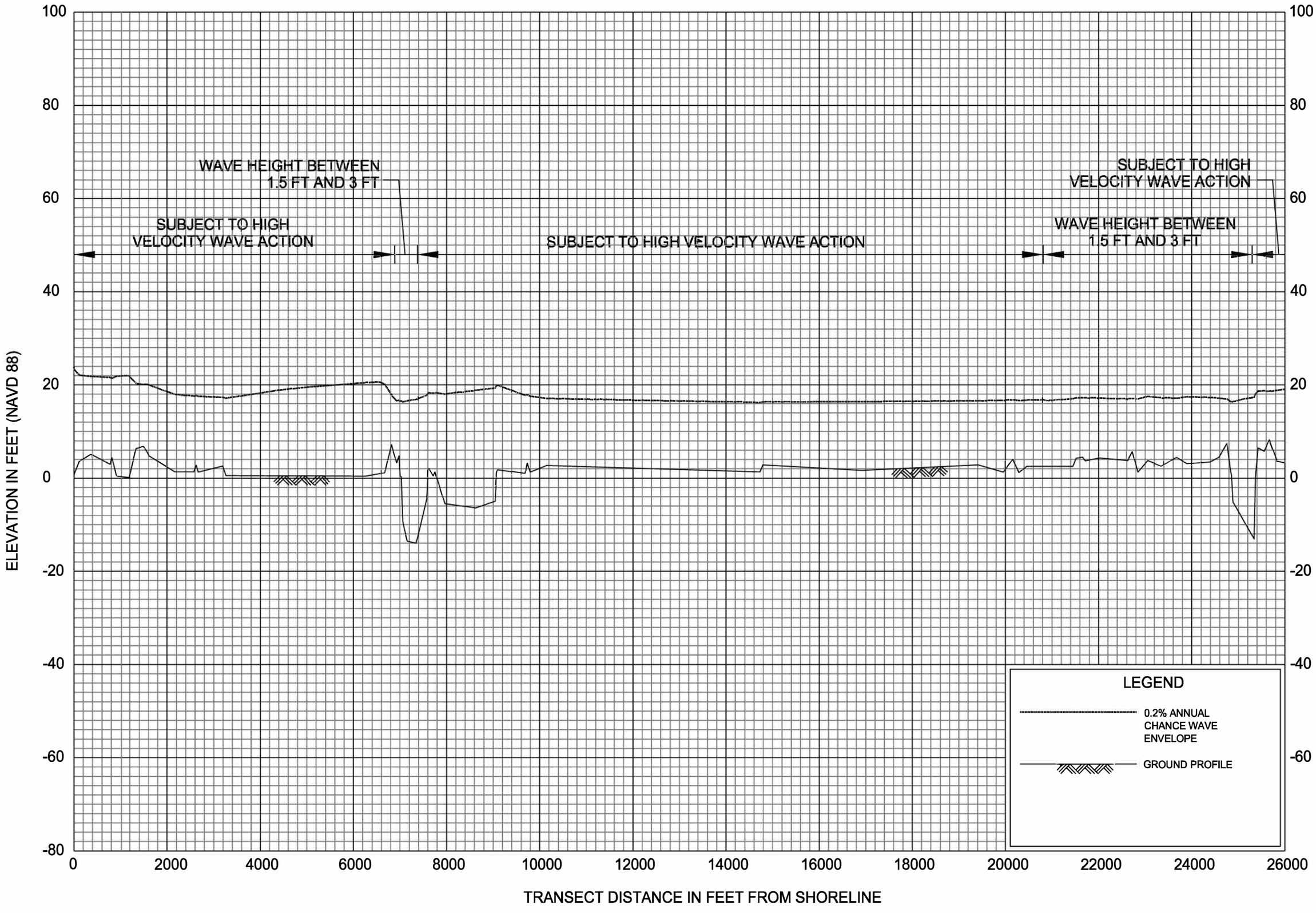
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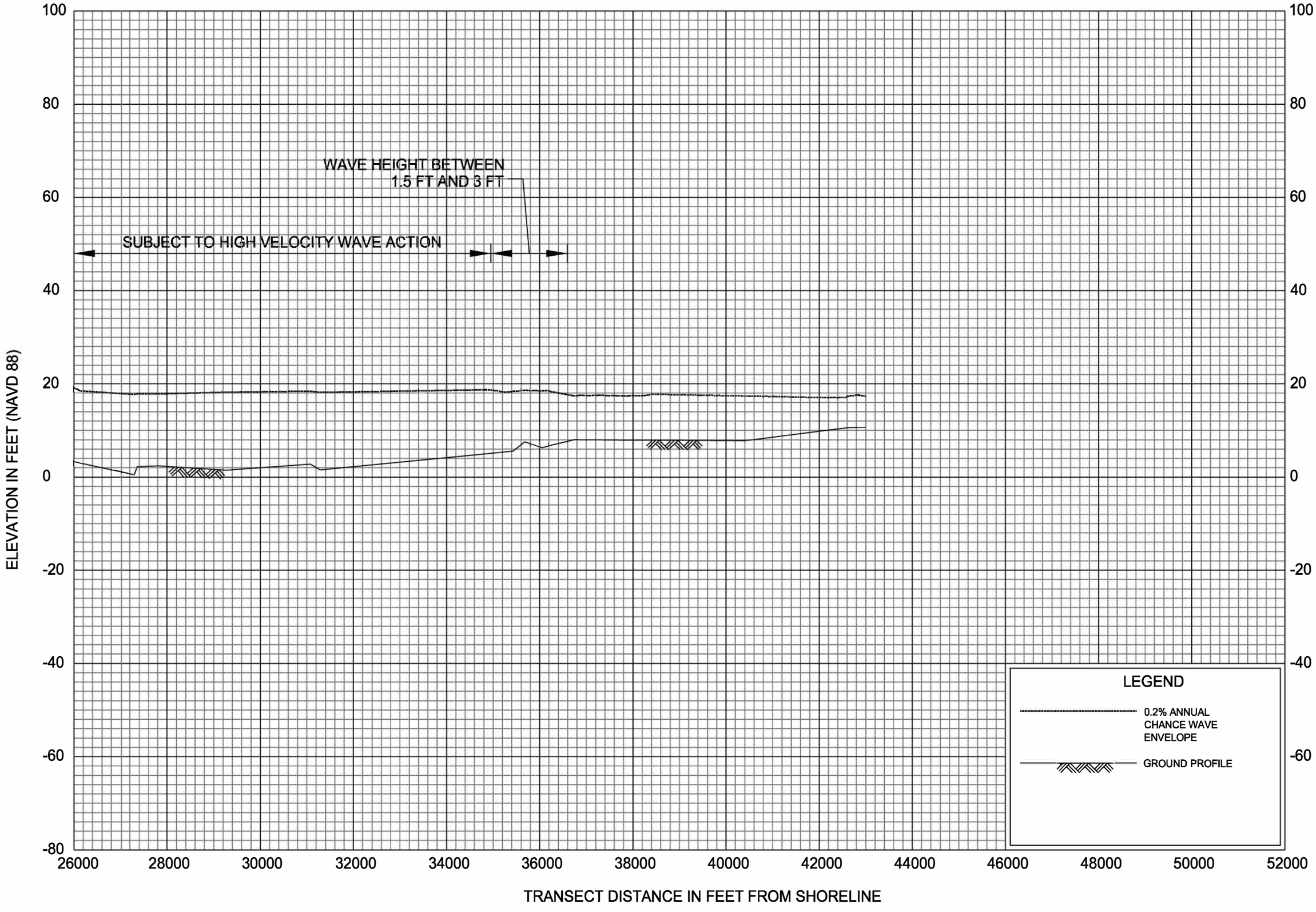
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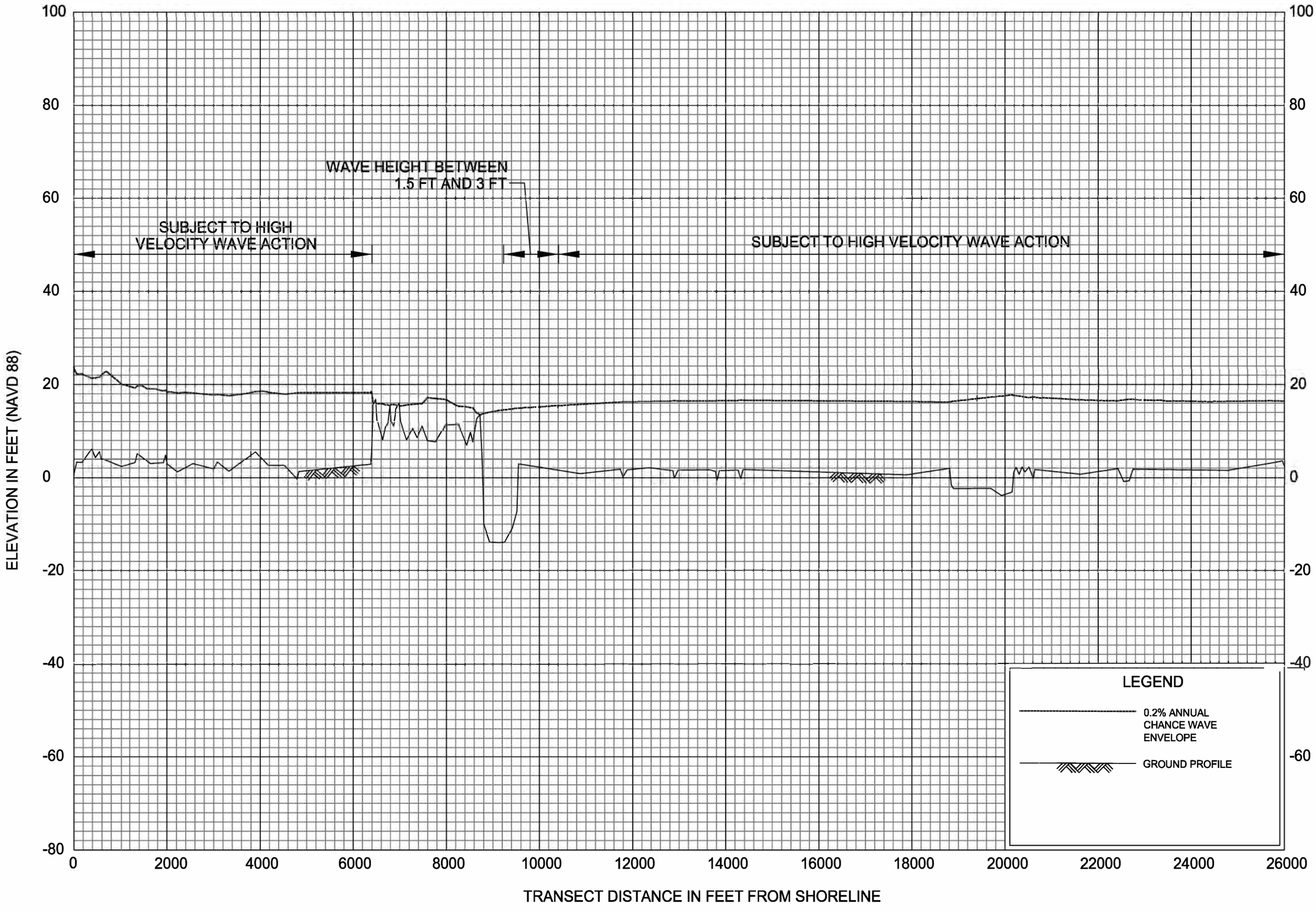
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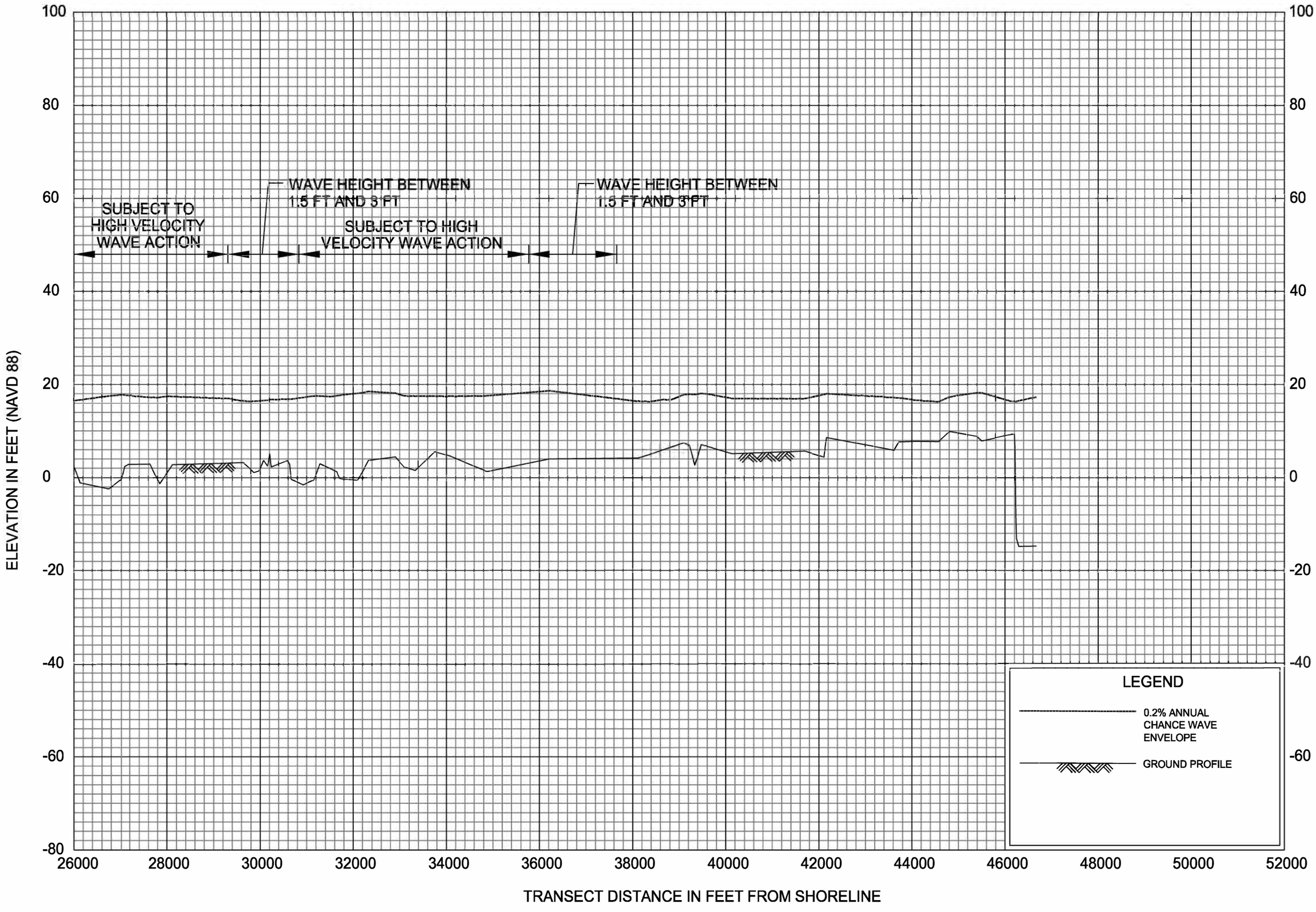
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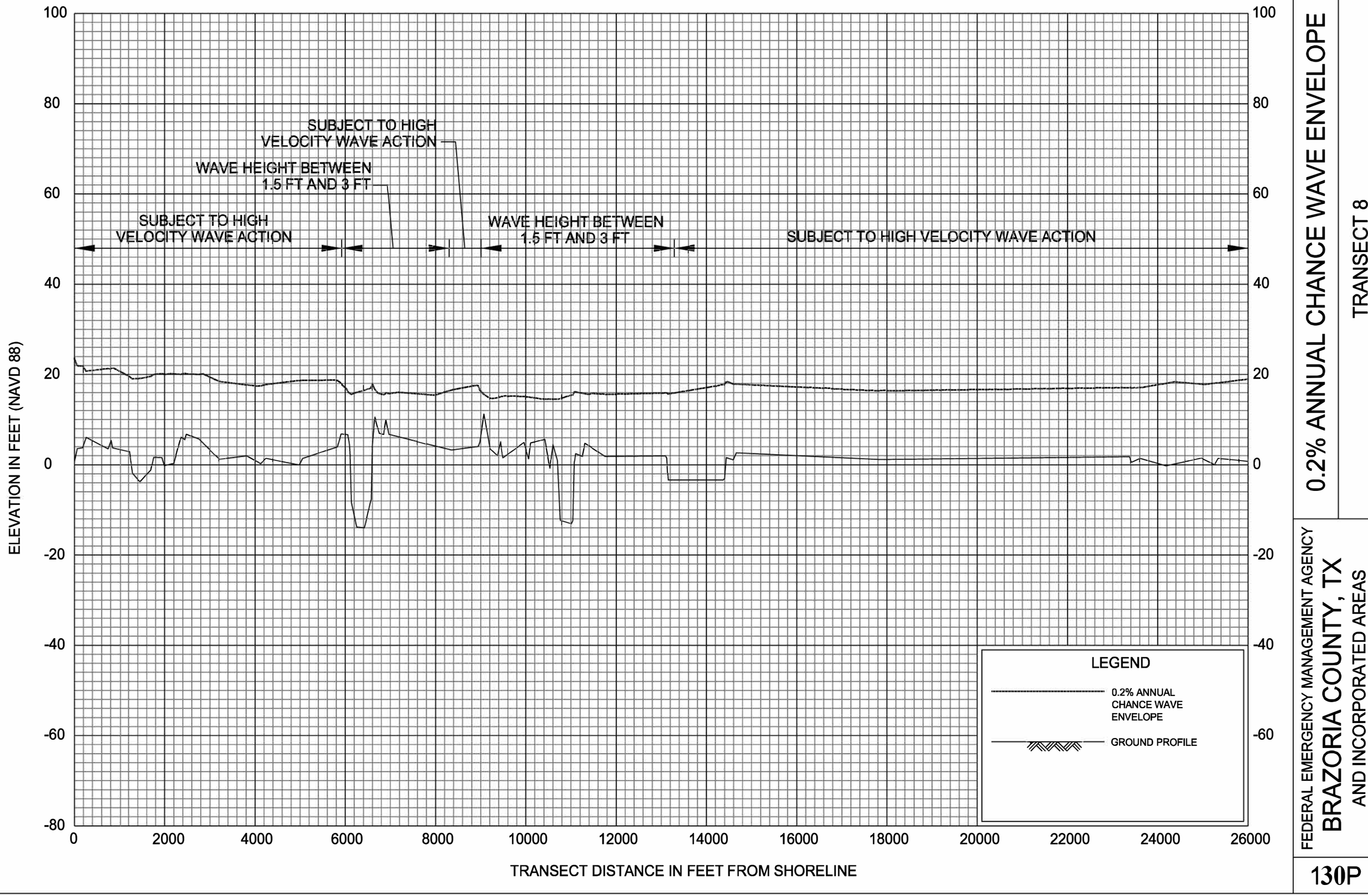
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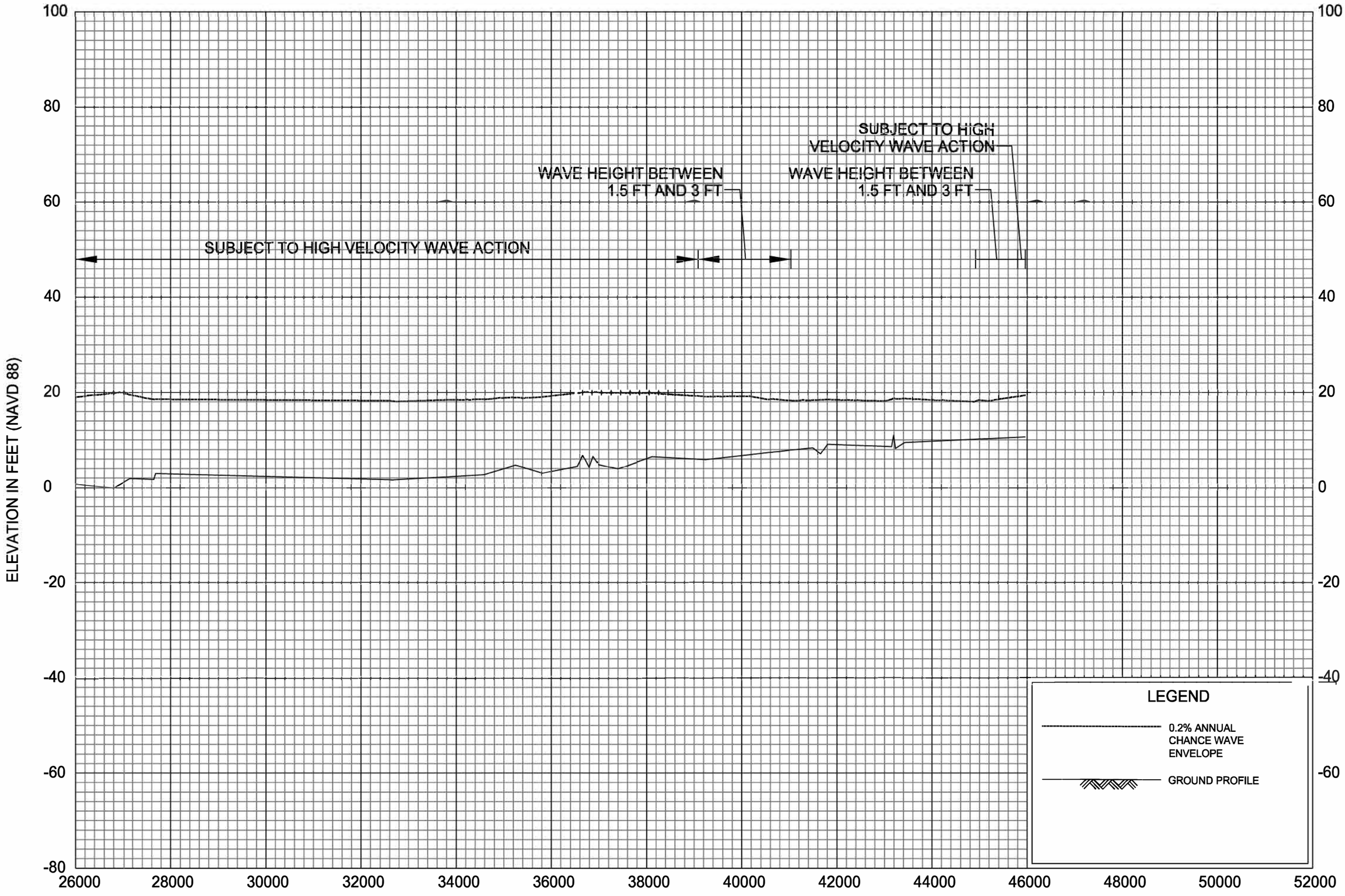
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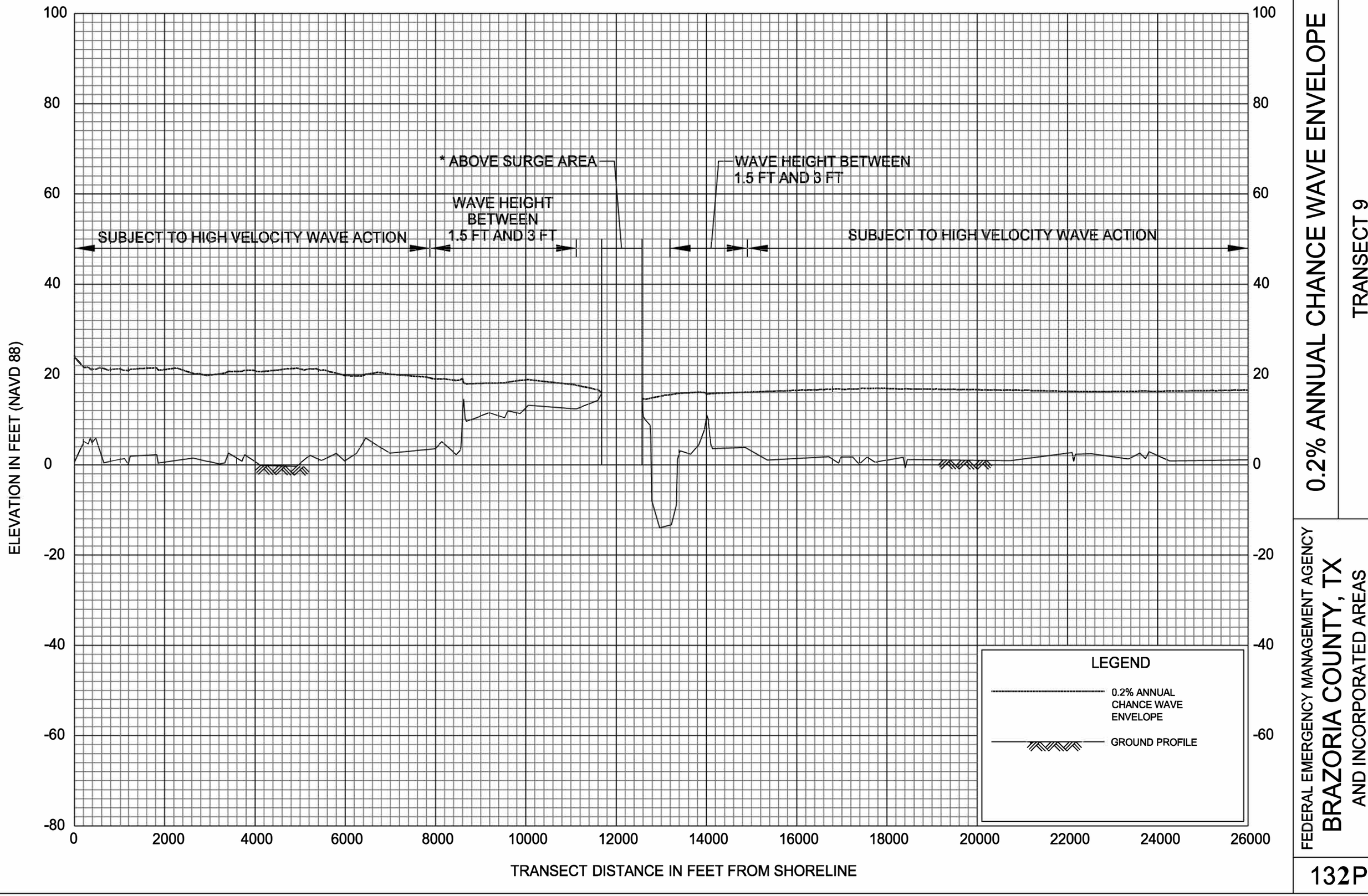
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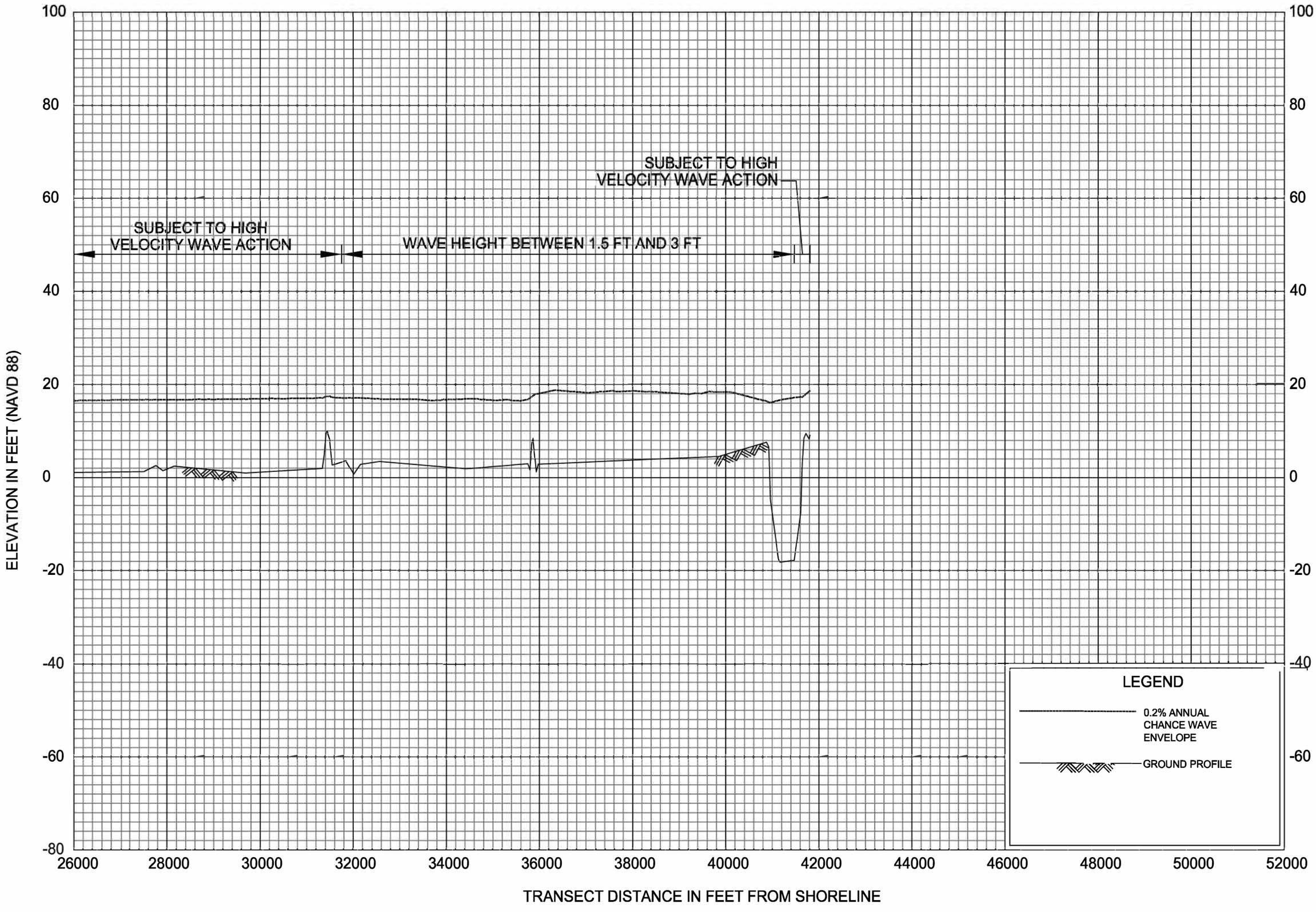
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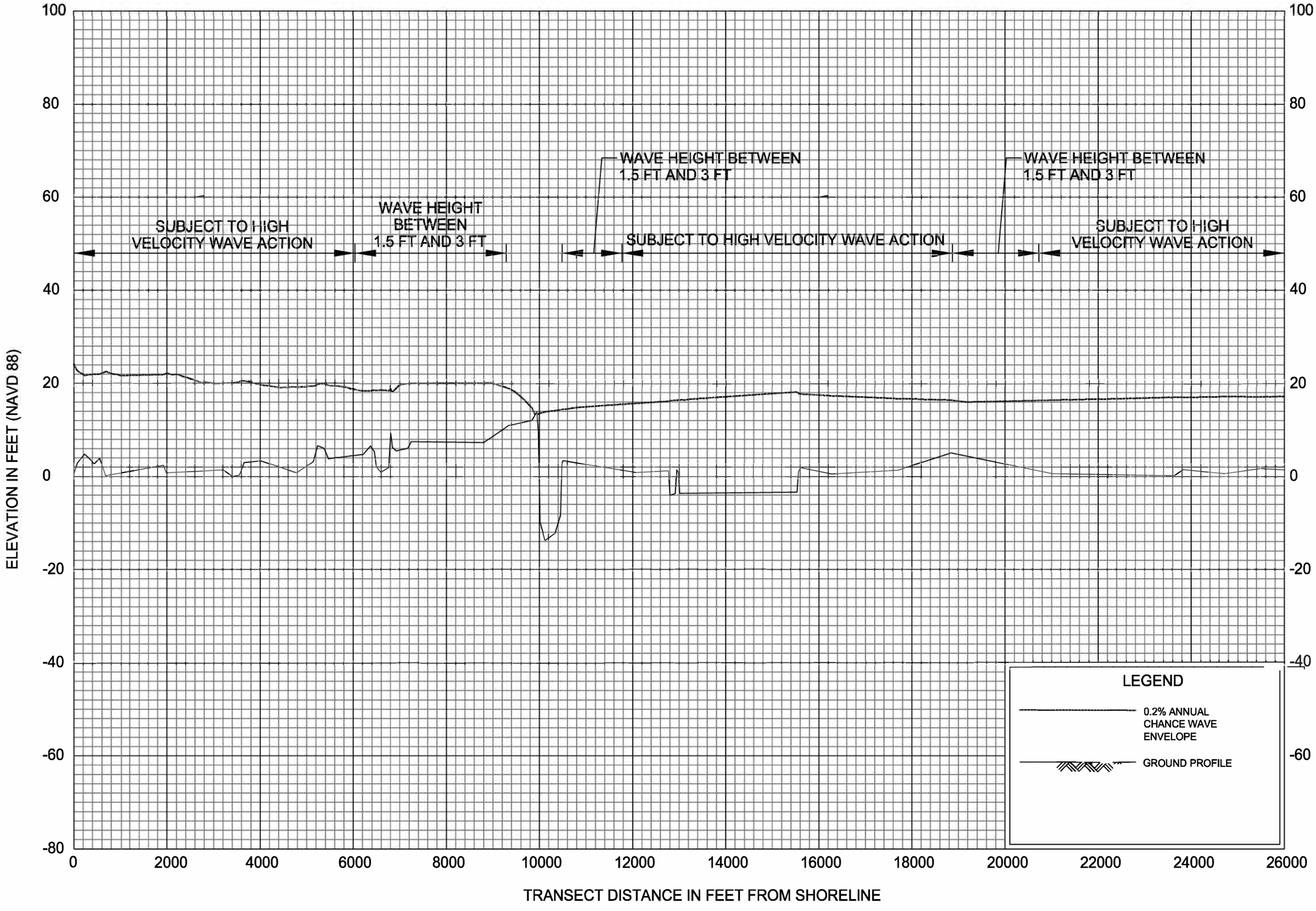
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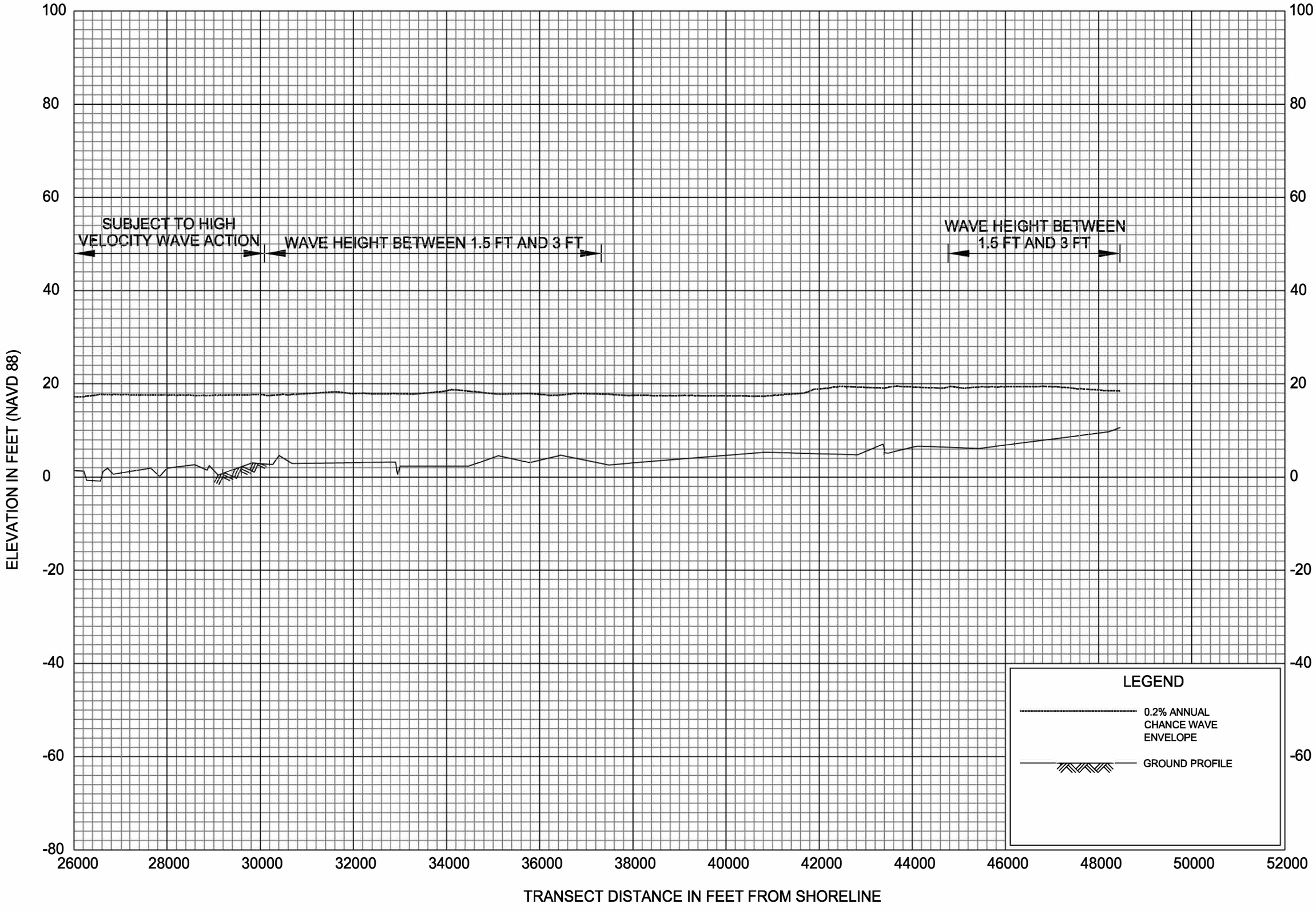
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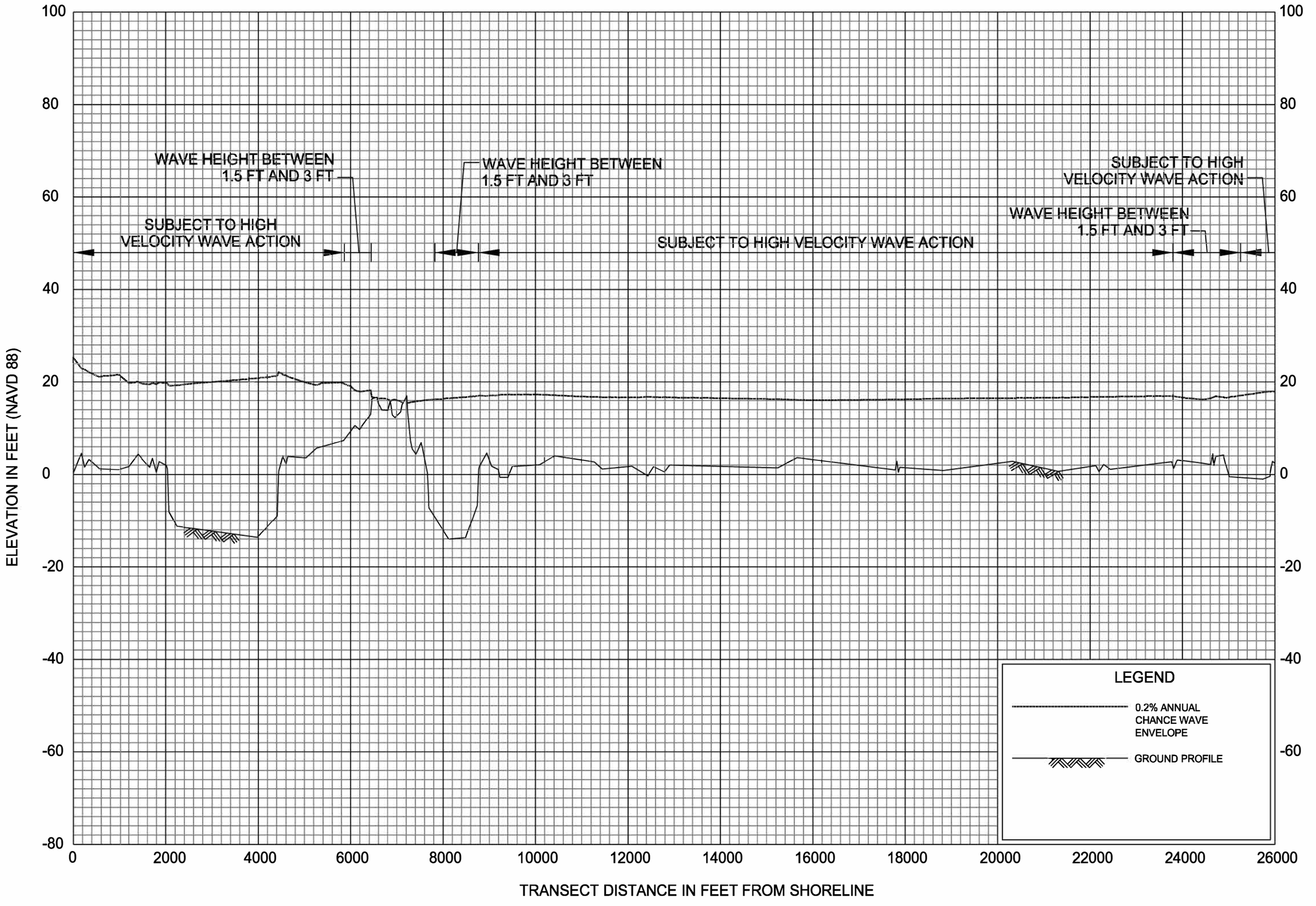
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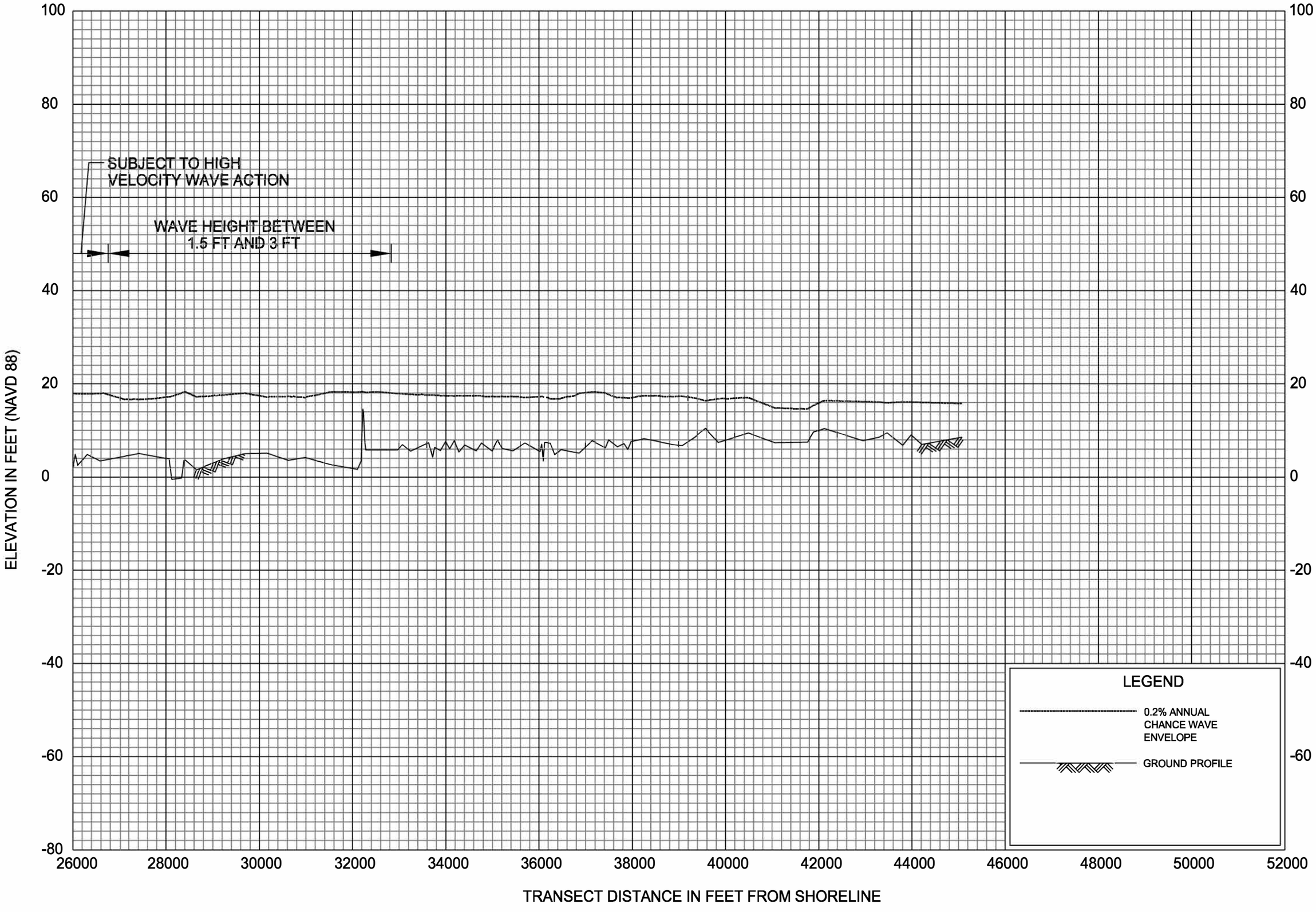
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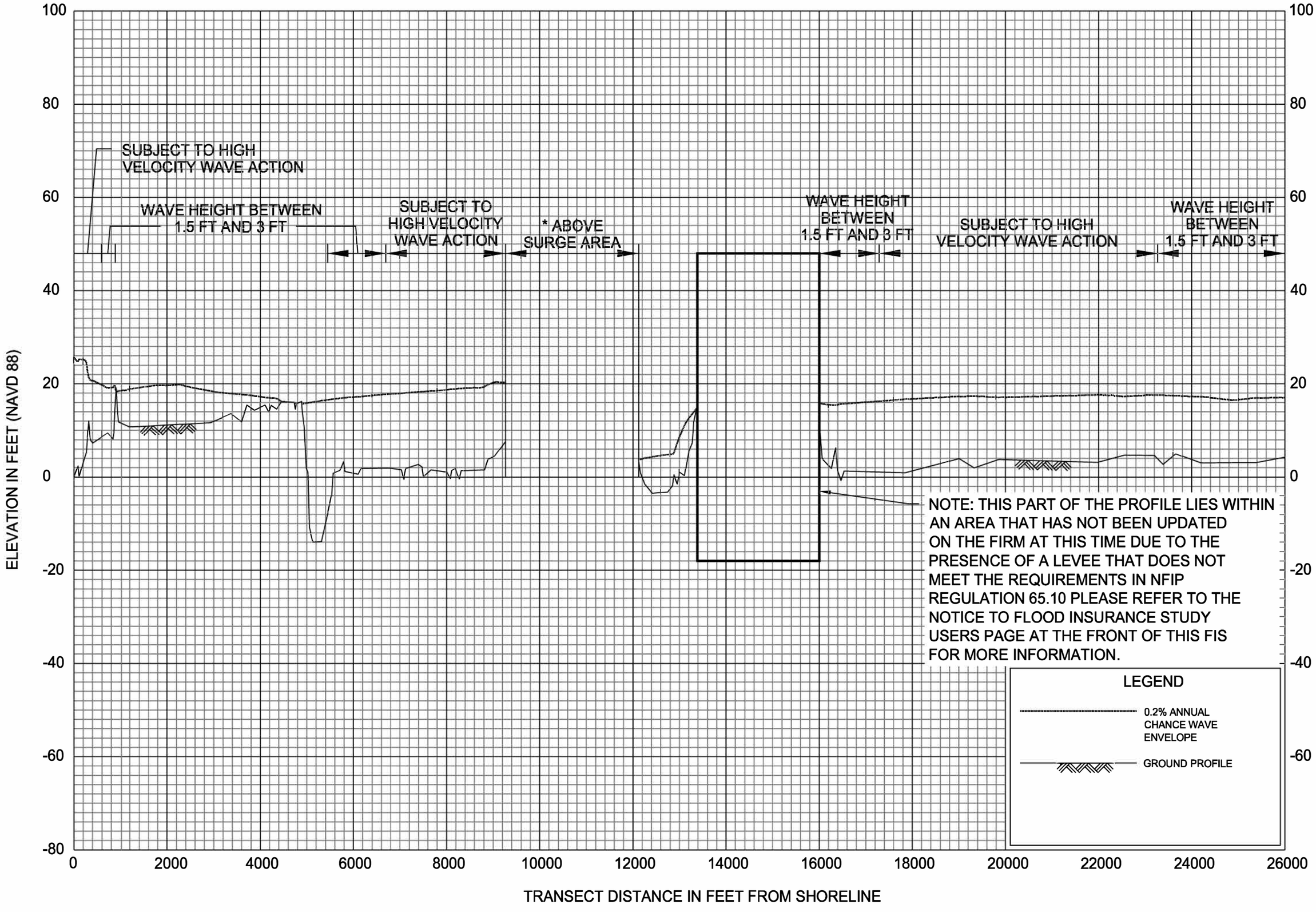
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BRAZORIA COUNTY, TX

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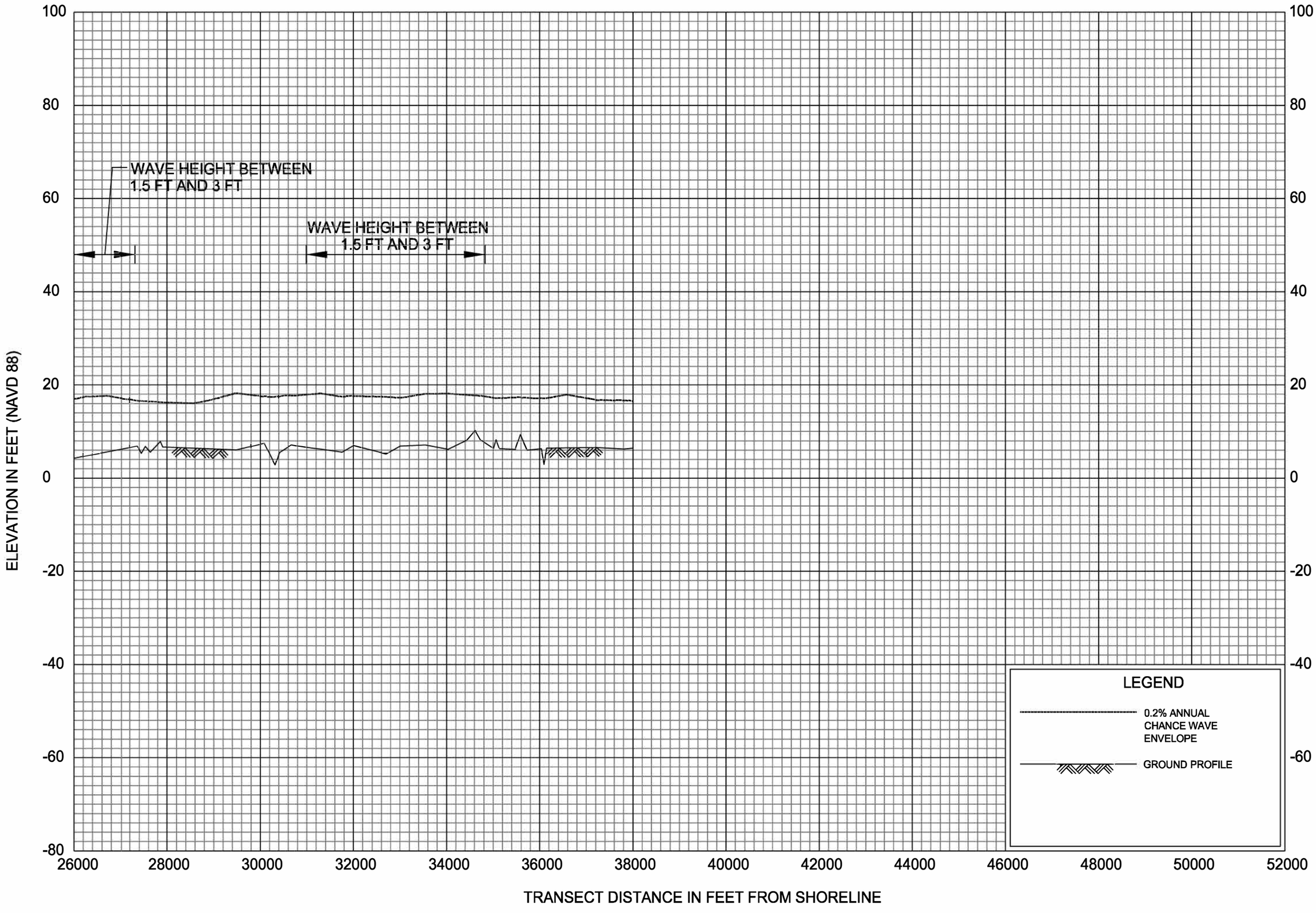
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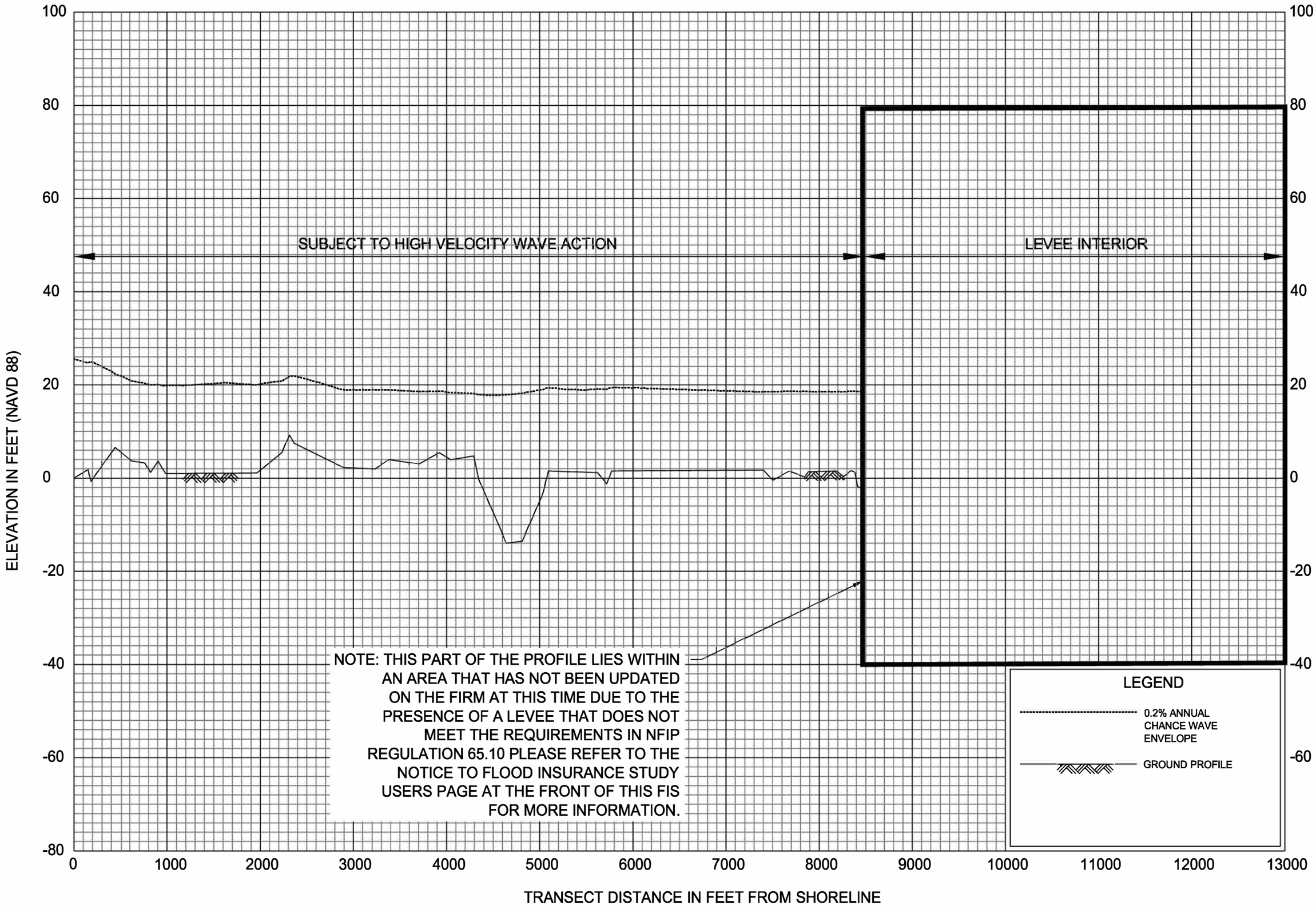
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AND INCORPORATED AREAS

139P



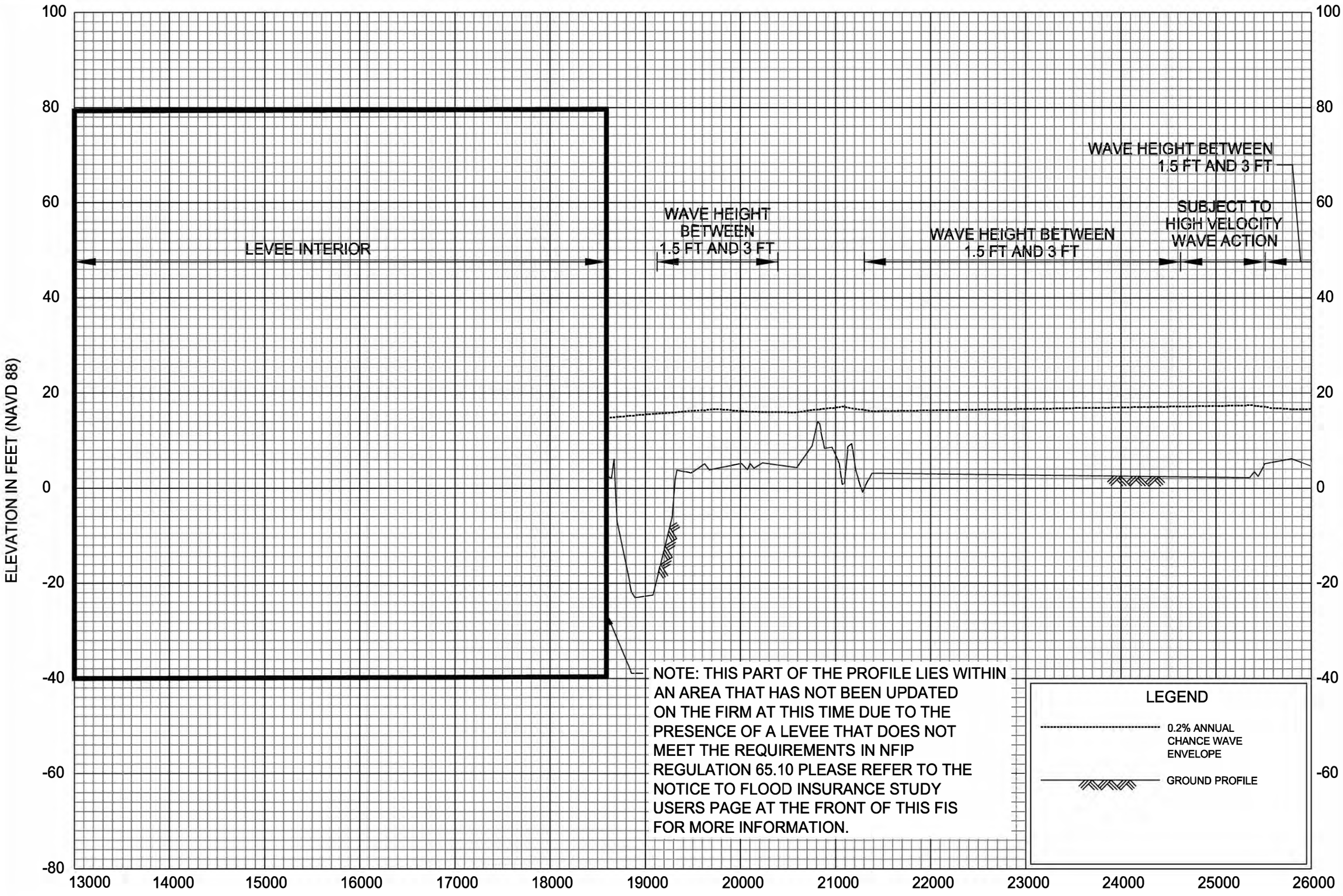
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 13

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS



0.2% ANNUAL CHANCE WAVE ENVELOPE

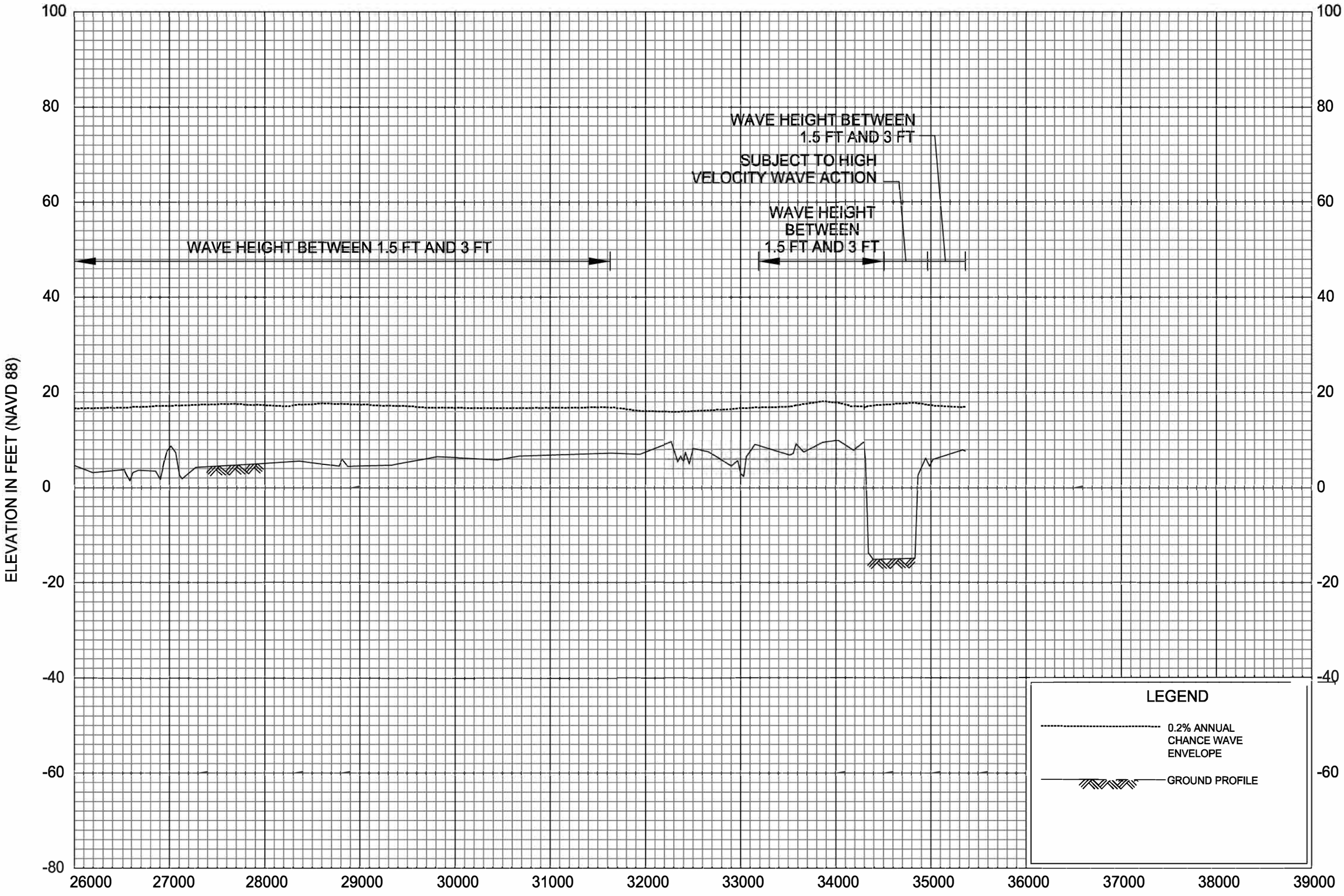
TRANSECT 13

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

141P



0.2% ANNUAL CHANCE WAVE ENVELOPE

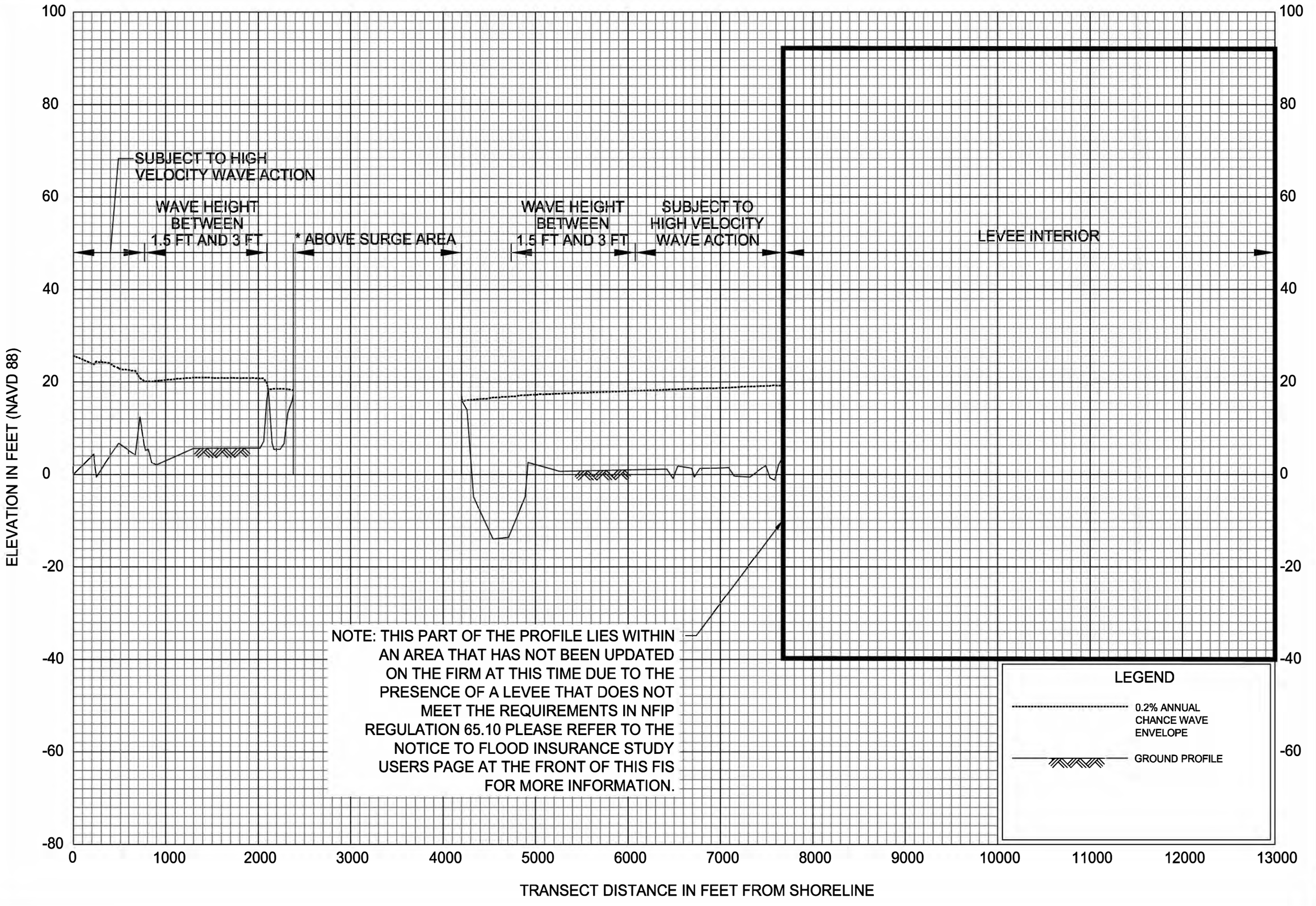
TRANSECT 13

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

142P



0.2% ANNUAL CHANCE WAVE ENVELOPE

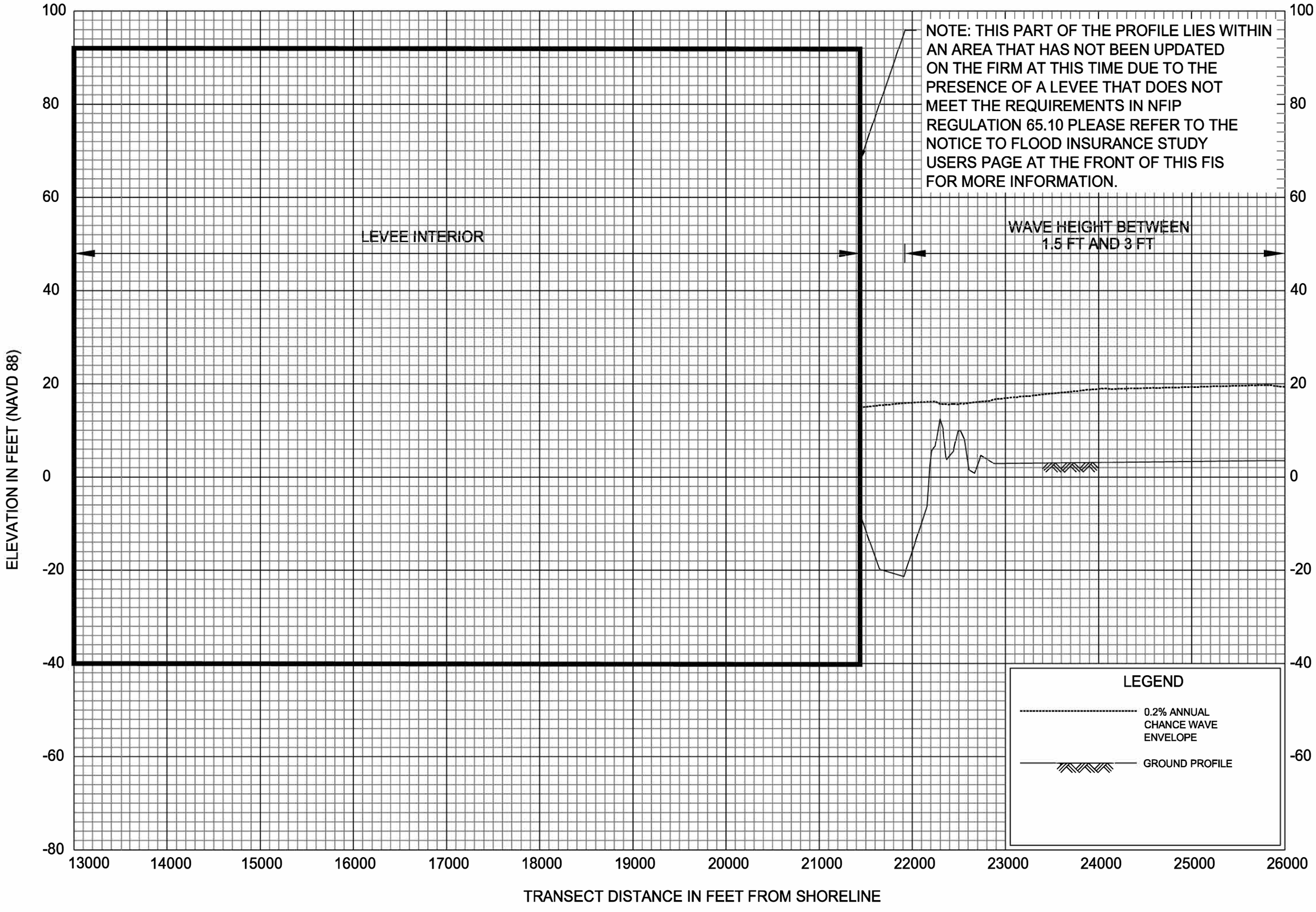
TRANSECT 14

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

143P



0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 14

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

144P

SUBJECT TO HIGH VELOCITY WAVE ACTION

WAVE HEIGHT BETWEEN 1.5 FT AND 3 FT

WAVE HEIGHT BETWEEN 1.5 FT AND 3 FT

ELEVATION IN FEET (NAVD 88)

100
80
60
40
20
0
-20
-40
-60
-80

26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

0.2% ANNUAL CHANCE WAVE ENVELOPE

GROUND PROFILE

0.2% ANNUAL CHANCE WAVE ENVELOPE

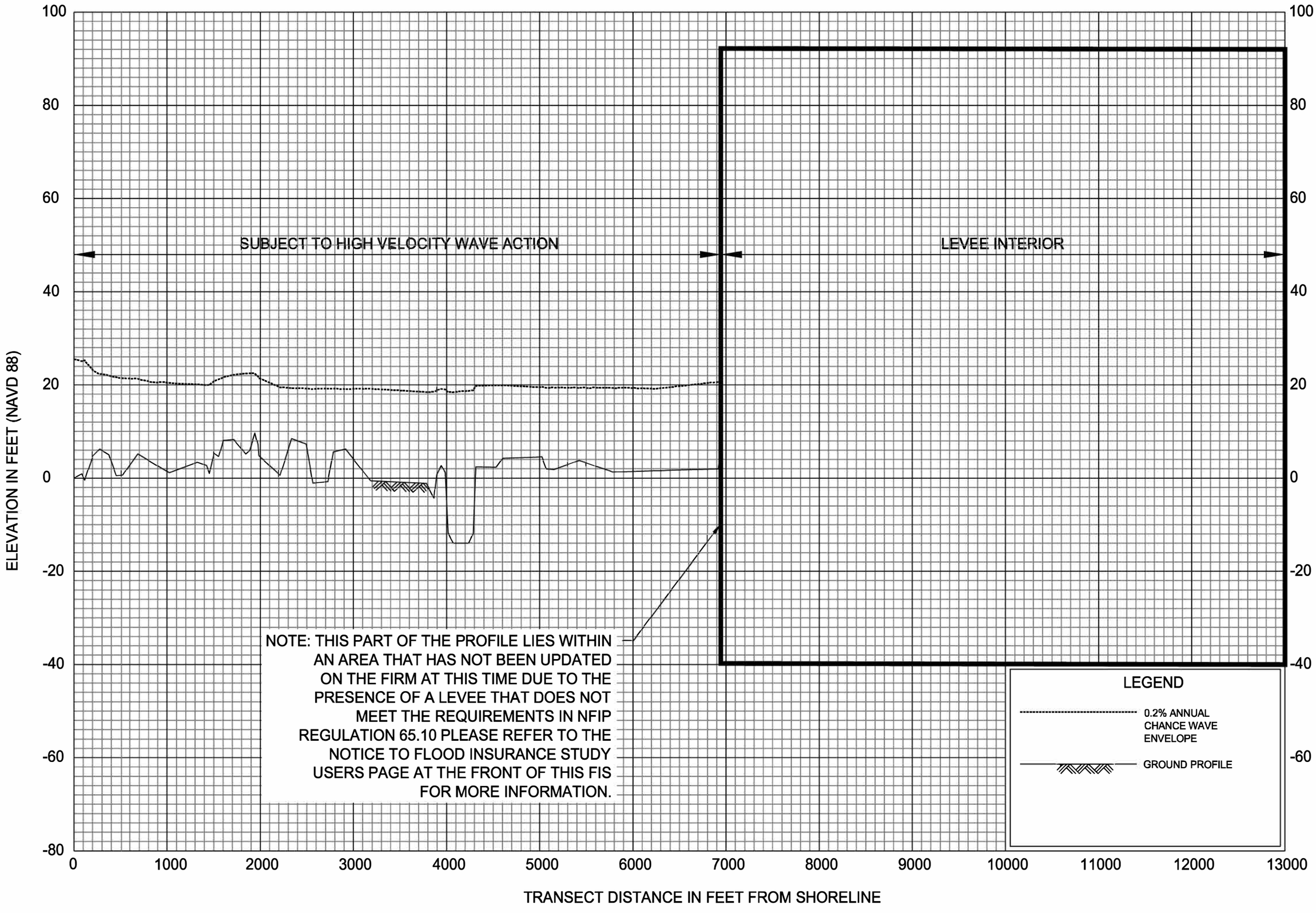
TRANSECT 14

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

145P



0.2% ANNUAL CHANCE WAVE ENVELOPE

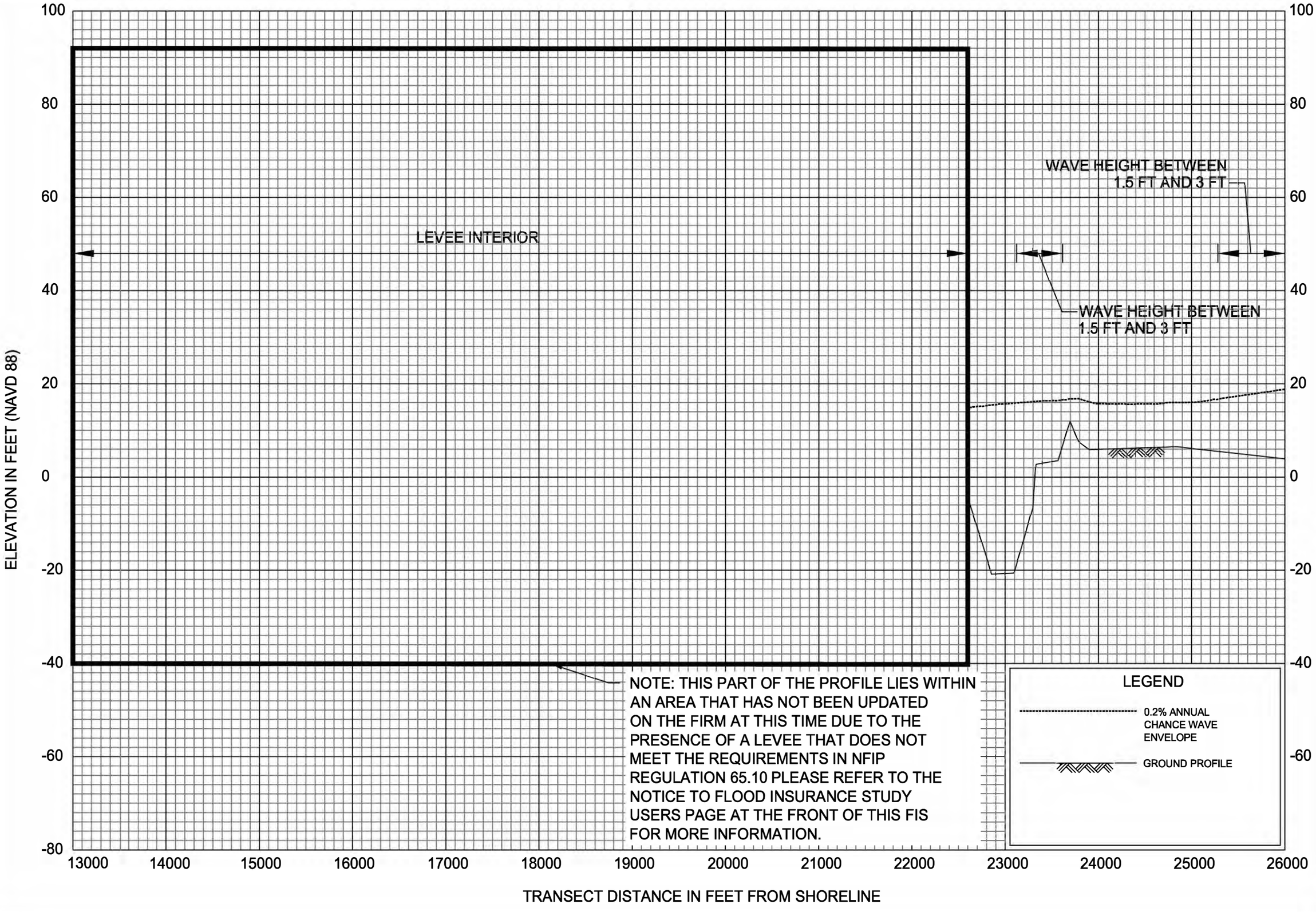
TRANSECT 15

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

146P



0.2% ANNUAL CHANCE WAVE ENVELOPE

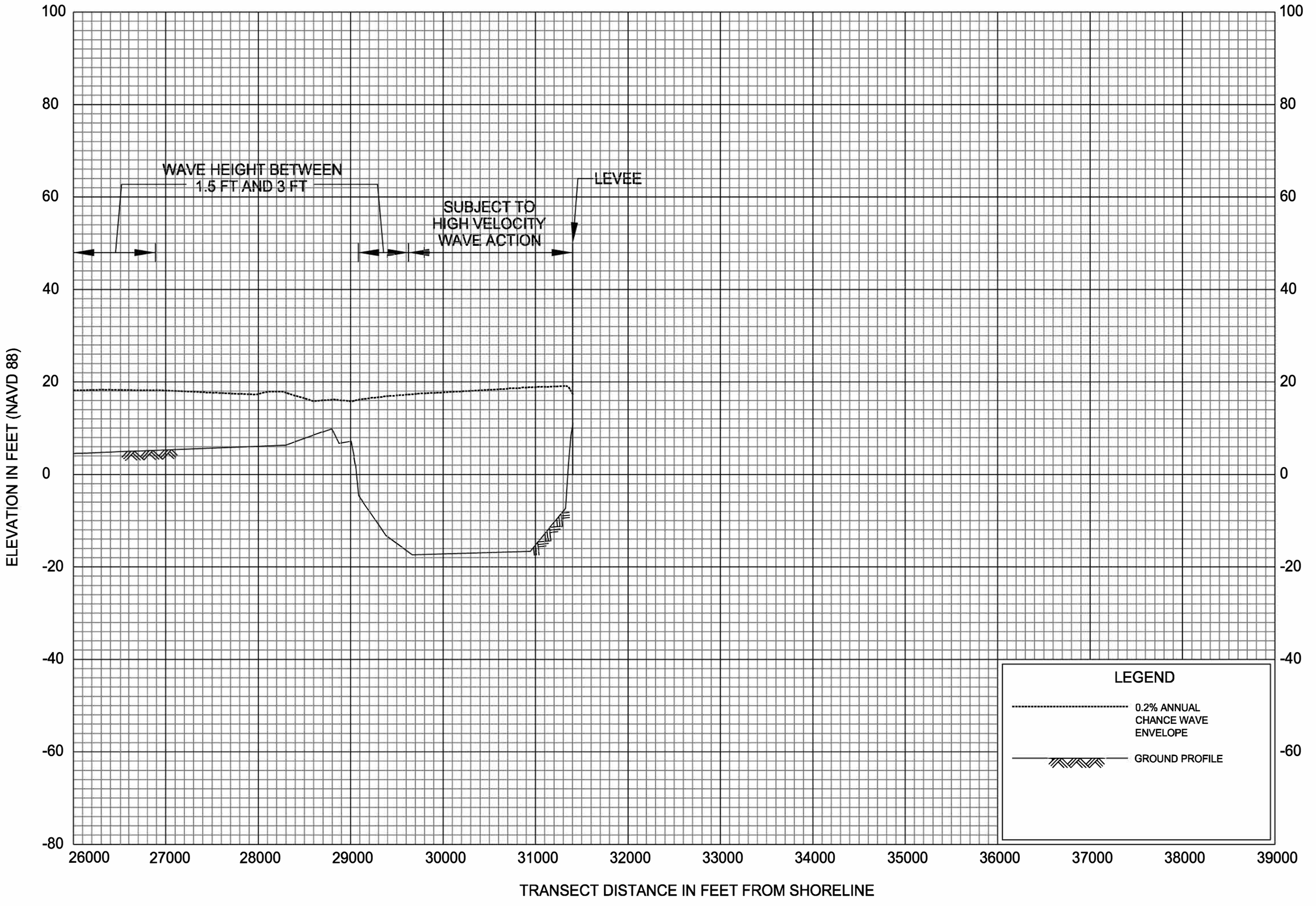
TRANSECT 15

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

147P



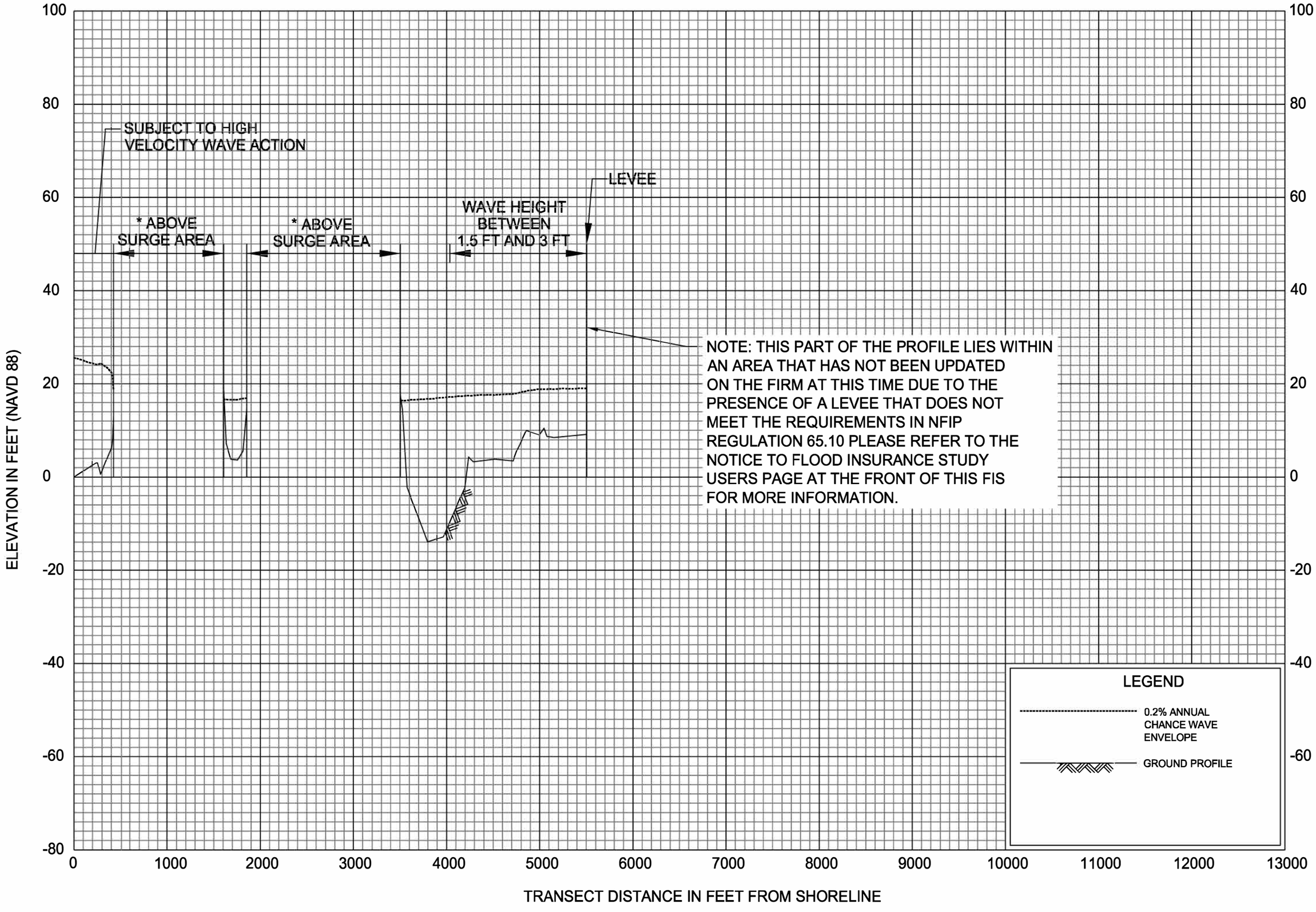
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 15

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS



0.2% ANNUAL CHANCE WAVE ENVELOPE

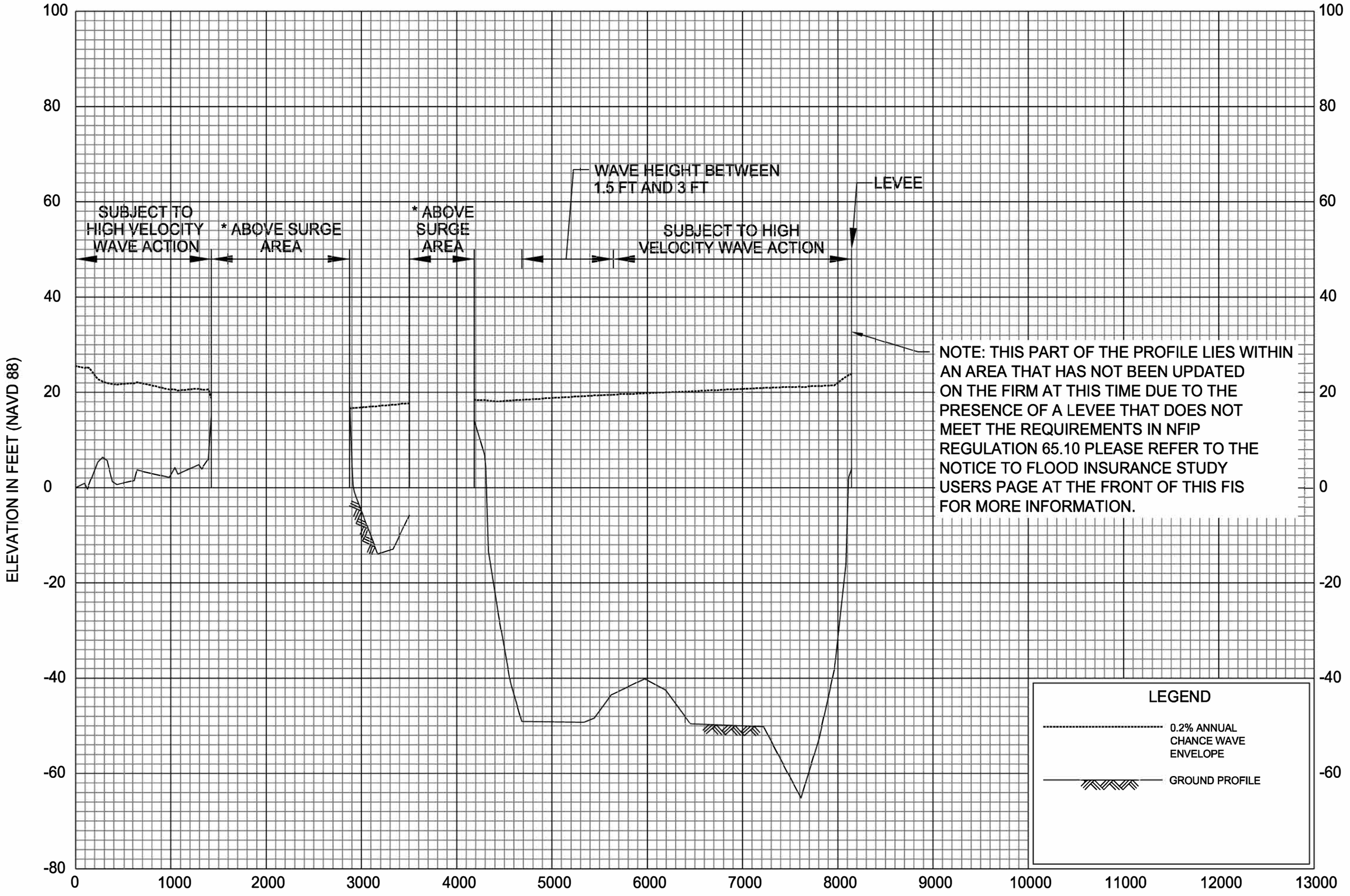
TRANSECT 16

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

149P



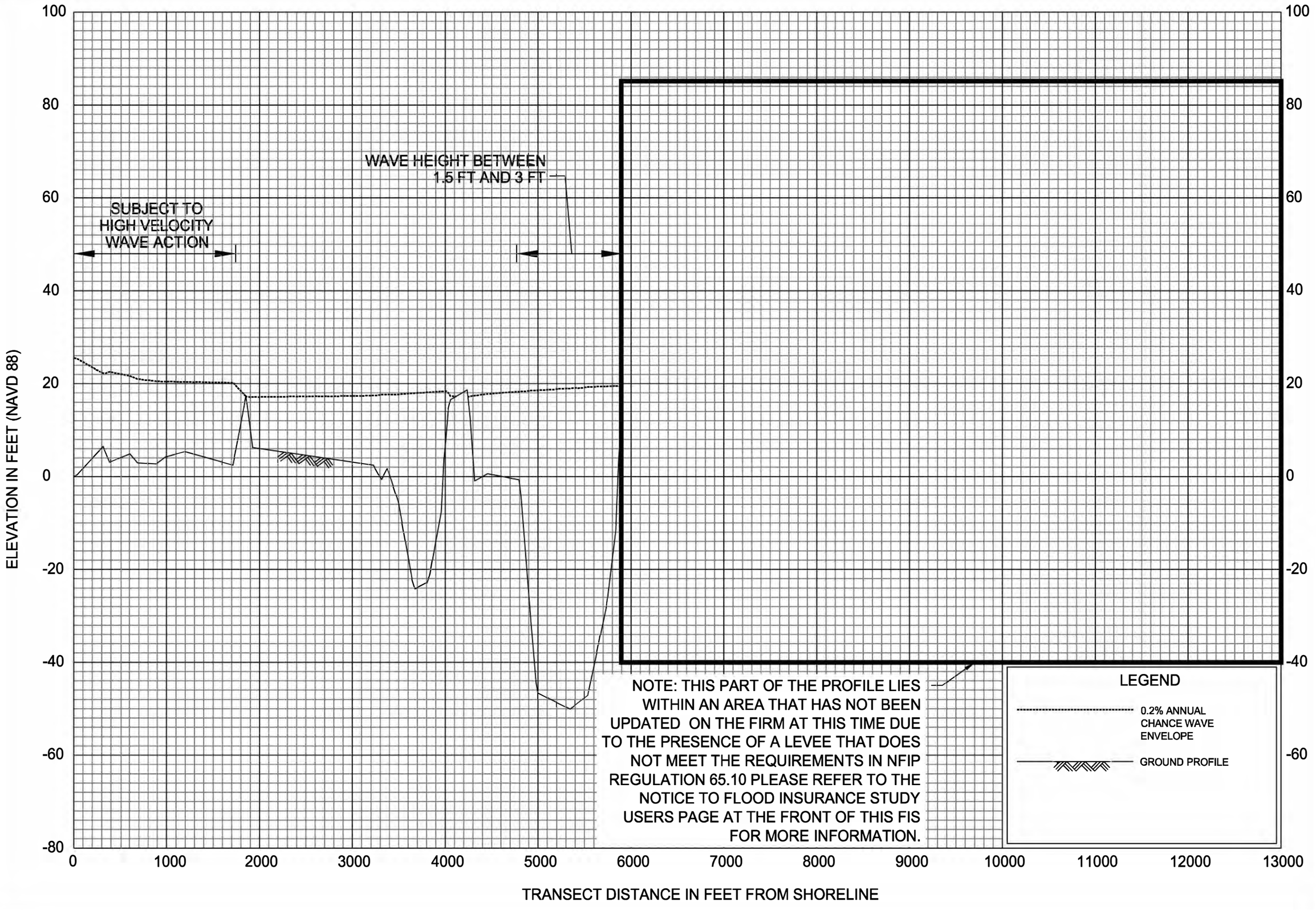
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 17

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

150P



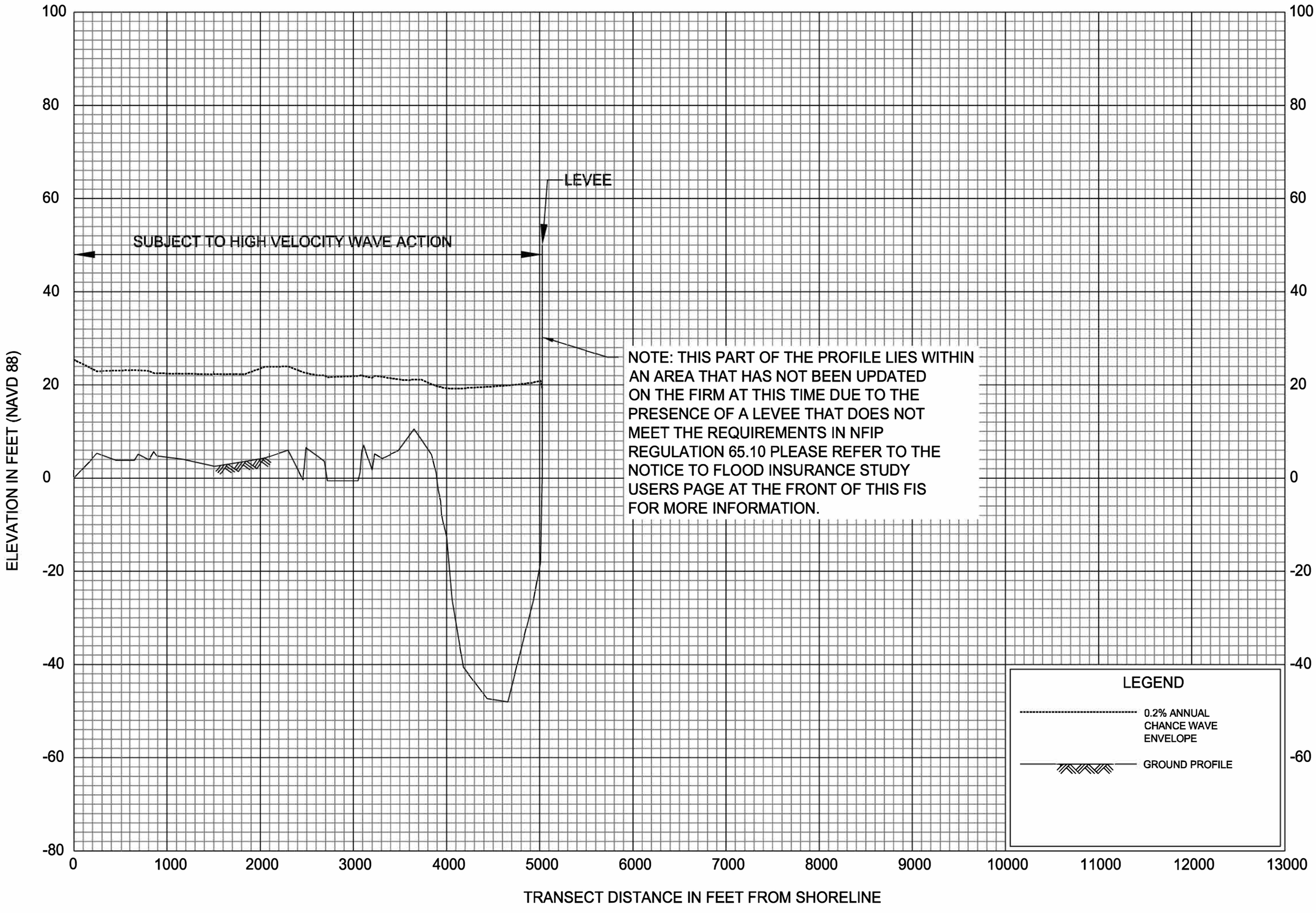
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 18

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

151P



0.2% ANNUAL CHANCE WAVE ENVELOPE

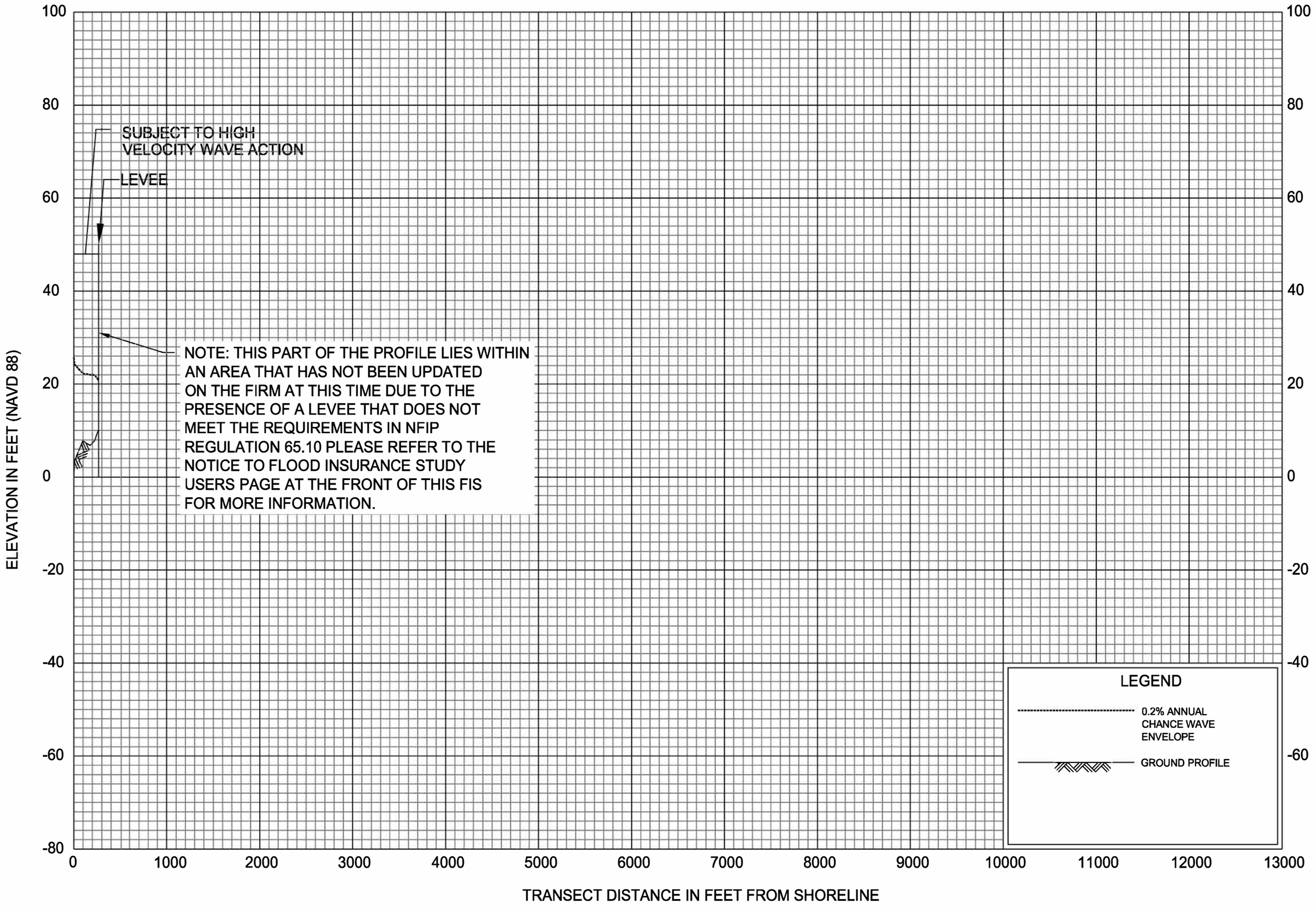
TRANSECT 19

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

152P



0.2% ANNUAL CHANCE WAVE ENVELOPE

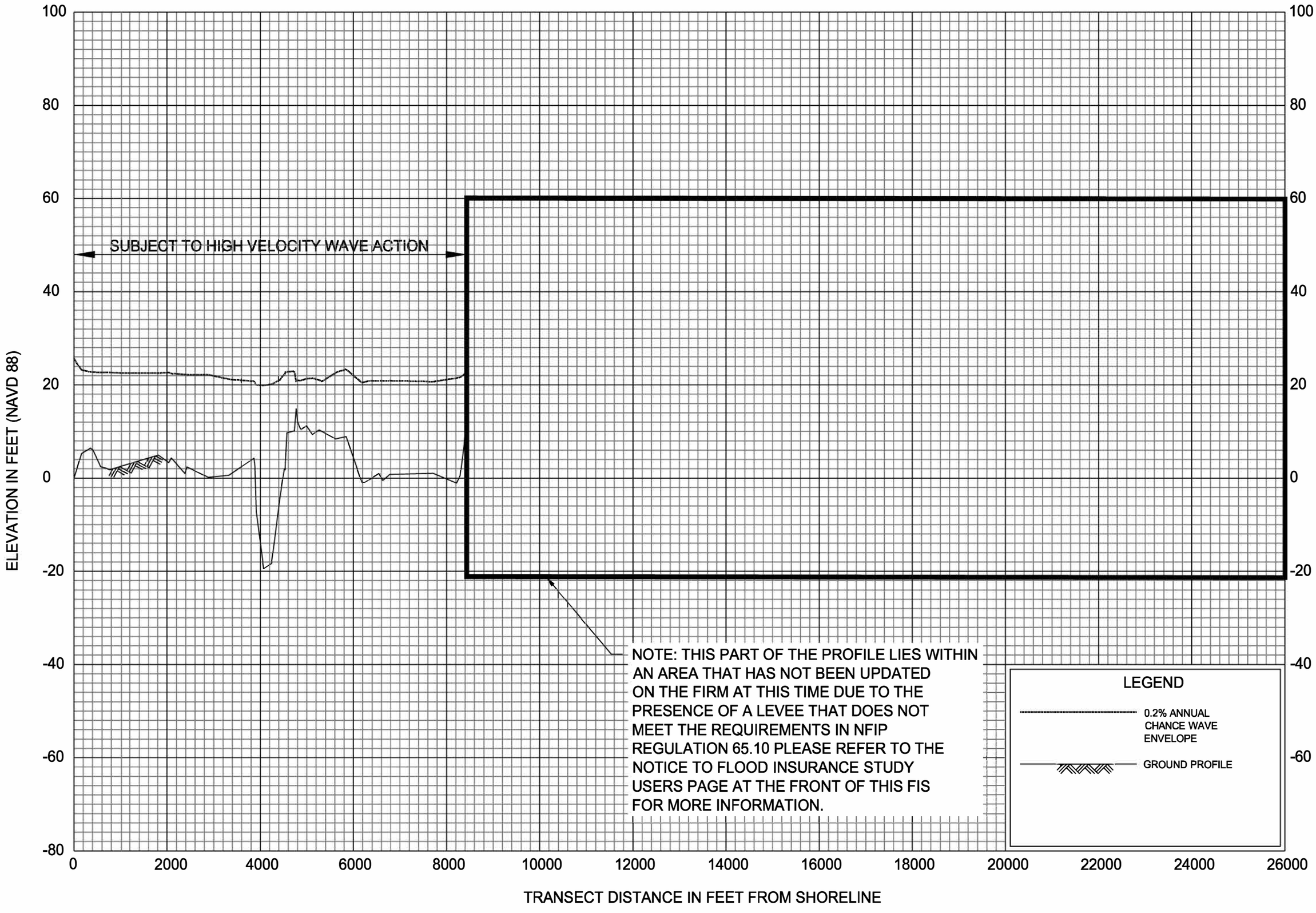
TRANSECT 20

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

153P



0.2% ANNUAL CHANCE WAVE ENVELOPE

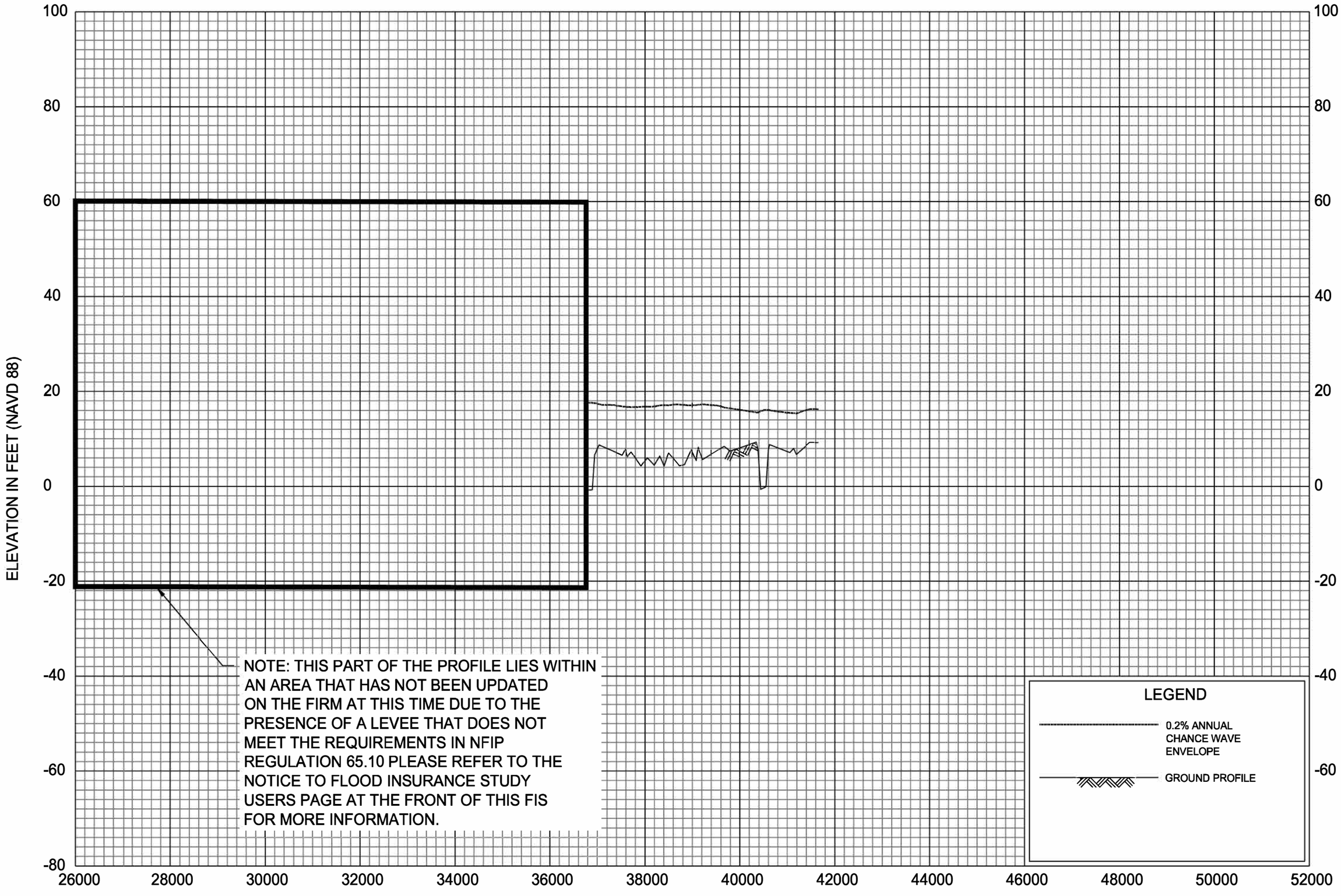
TRANSECT 21

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

154P



0.2% ANNUAL CHANCE WAVE ENVELOPE

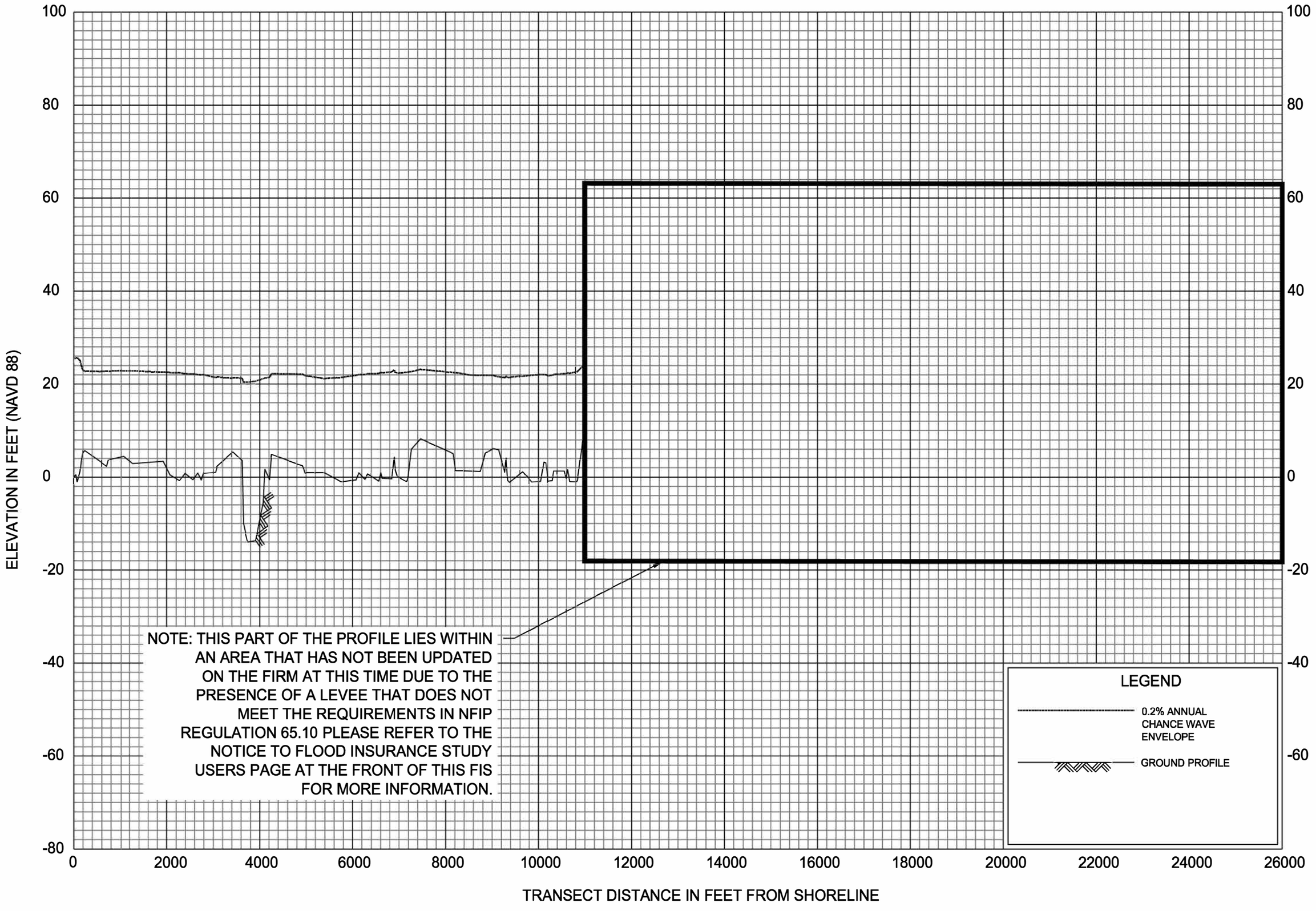
TRANSECT 21

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

155P



0.2% ANNUAL CHANCE WAVE ENVELOPE

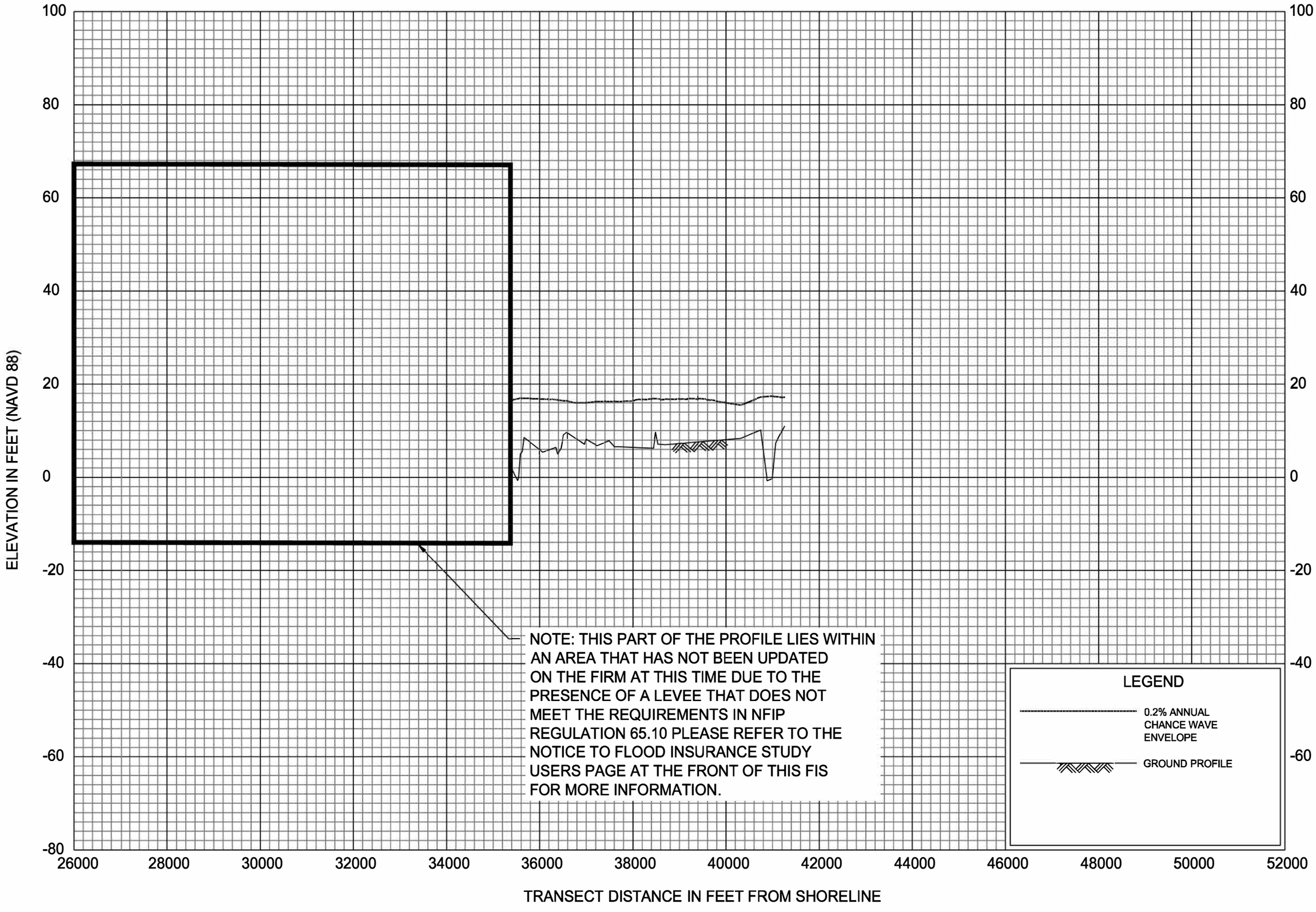
TRANSECT 22

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

156P



0.2% ANNUAL CHANCE WAVE ENVELOPE

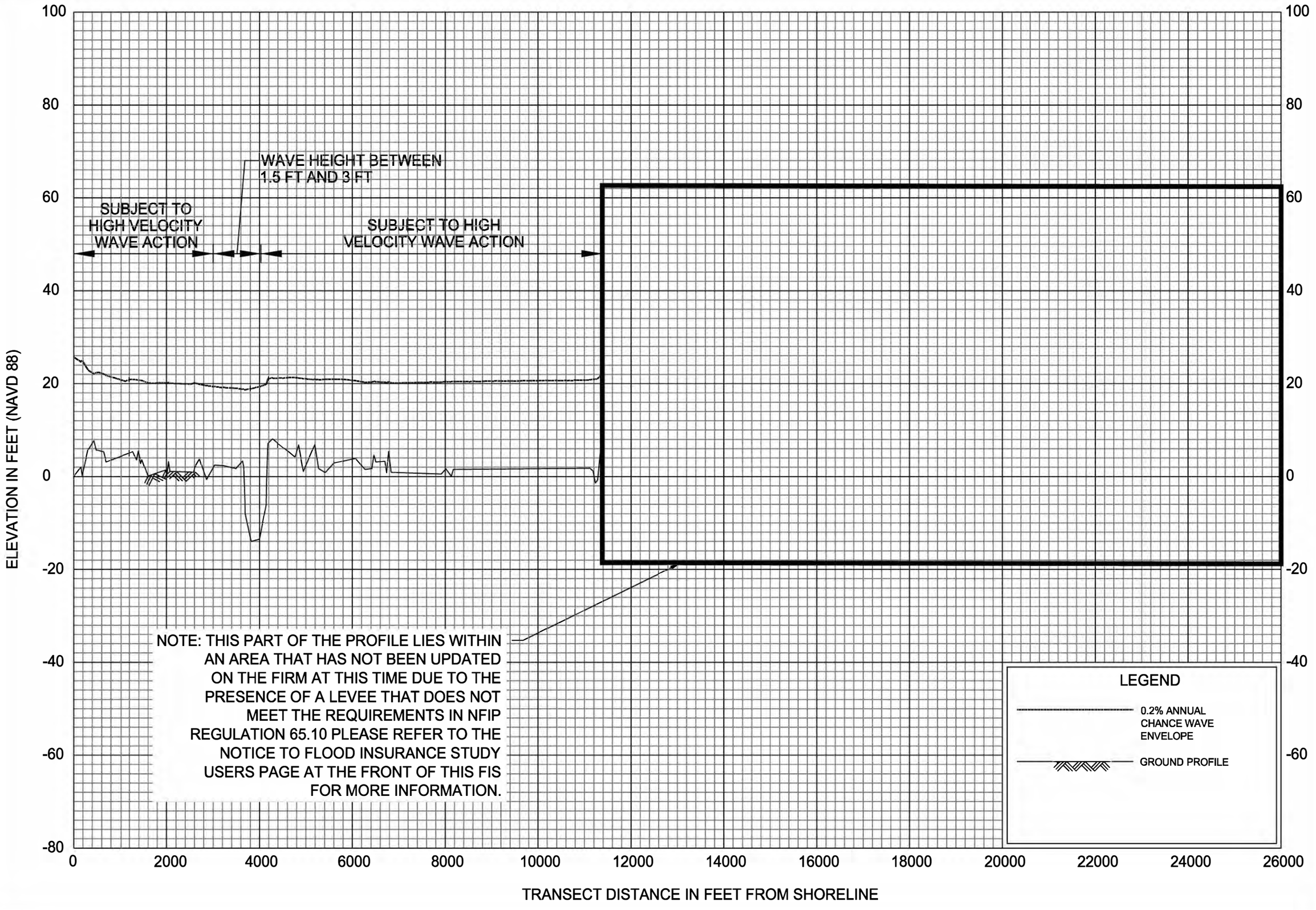
TRANSECT 22

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

156P



0.2% ANNUAL CHANCE WAVE ENVELOPE

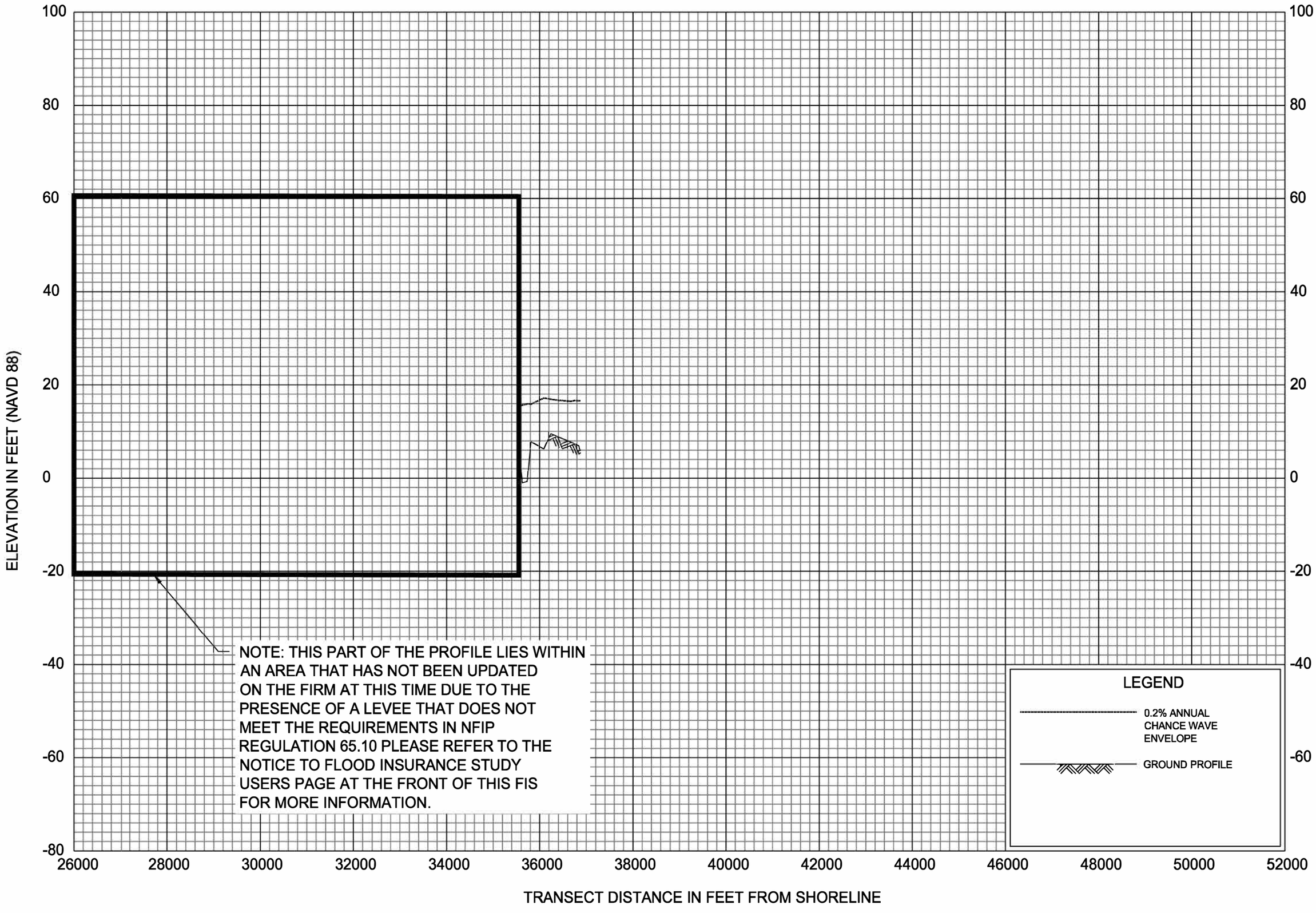
TRANSECT 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

158P



0.2% ANNUAL CHANCE WAVE ENVELOPE

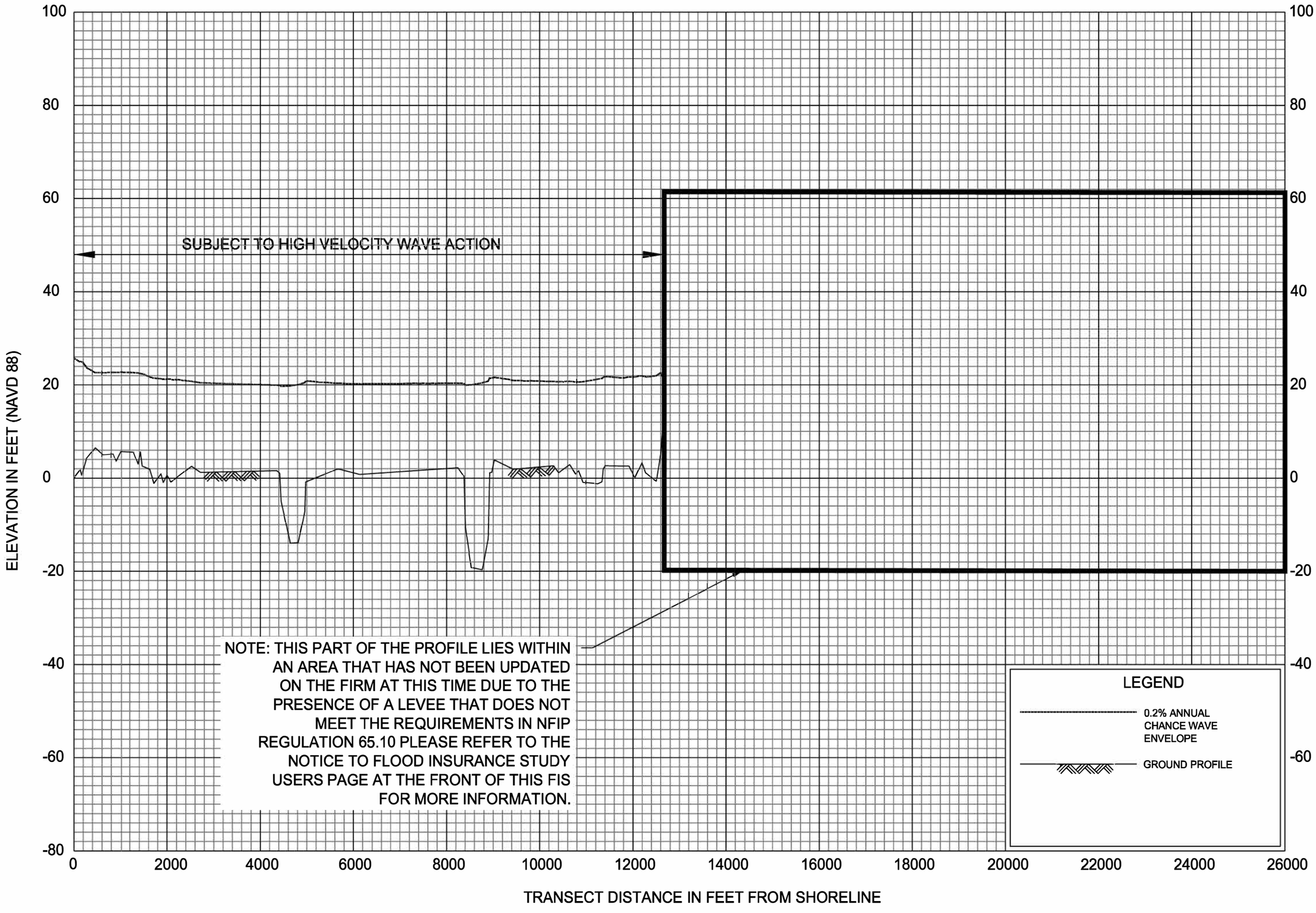
TRANSECT 23

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

159P



0.2% ANNUAL CHANCE WAVE ENVELOPE

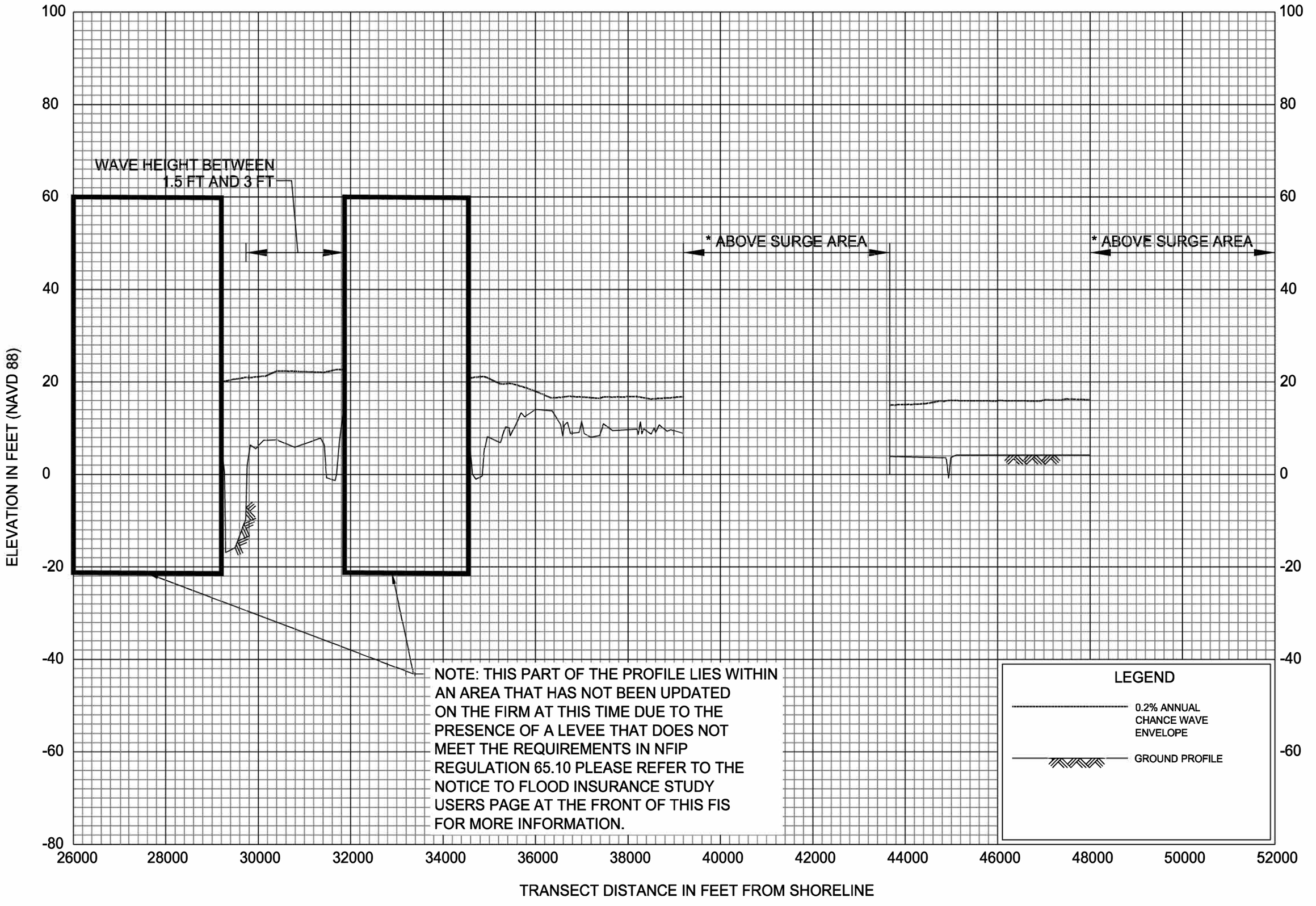
TRANSECT 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

160P

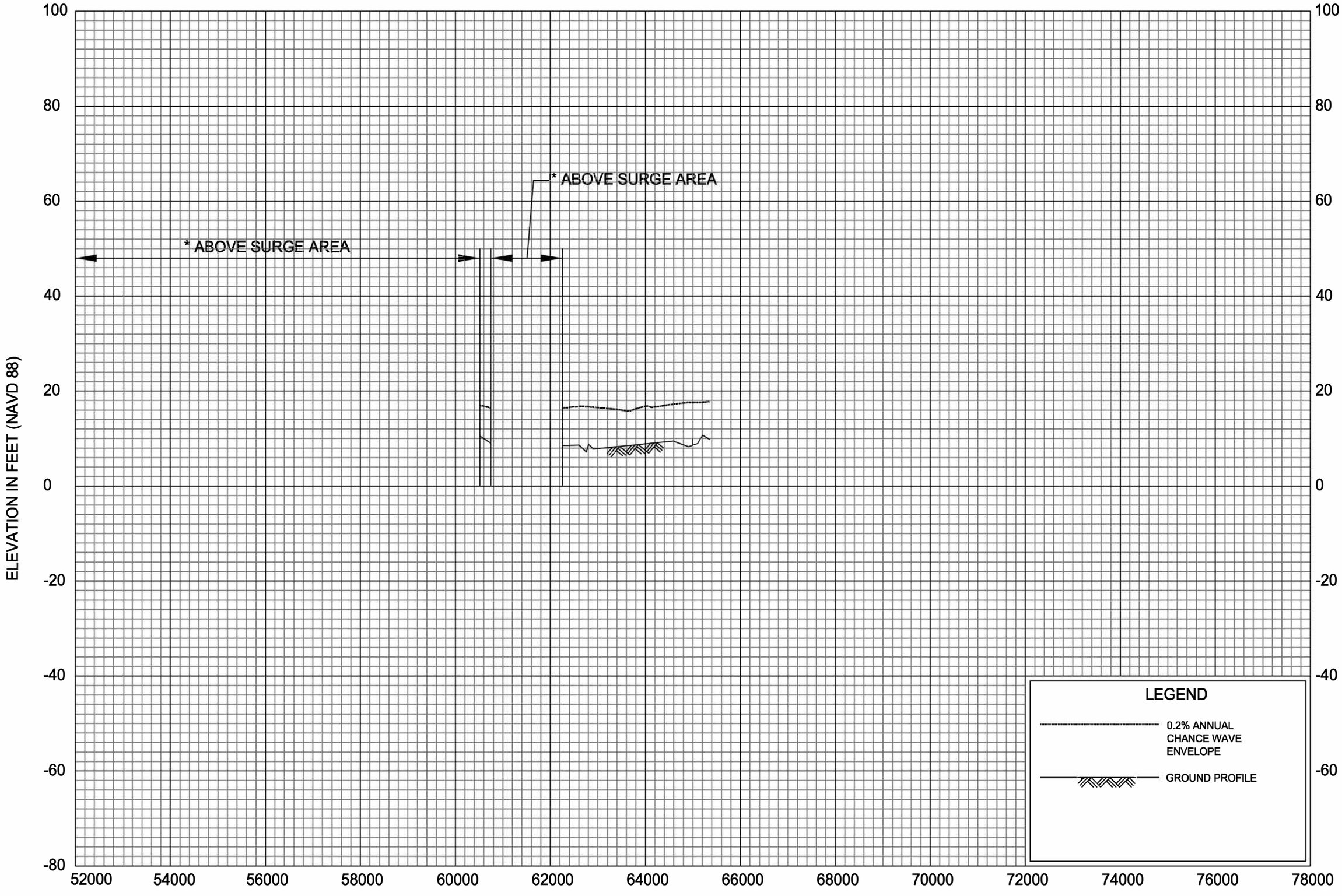


0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS



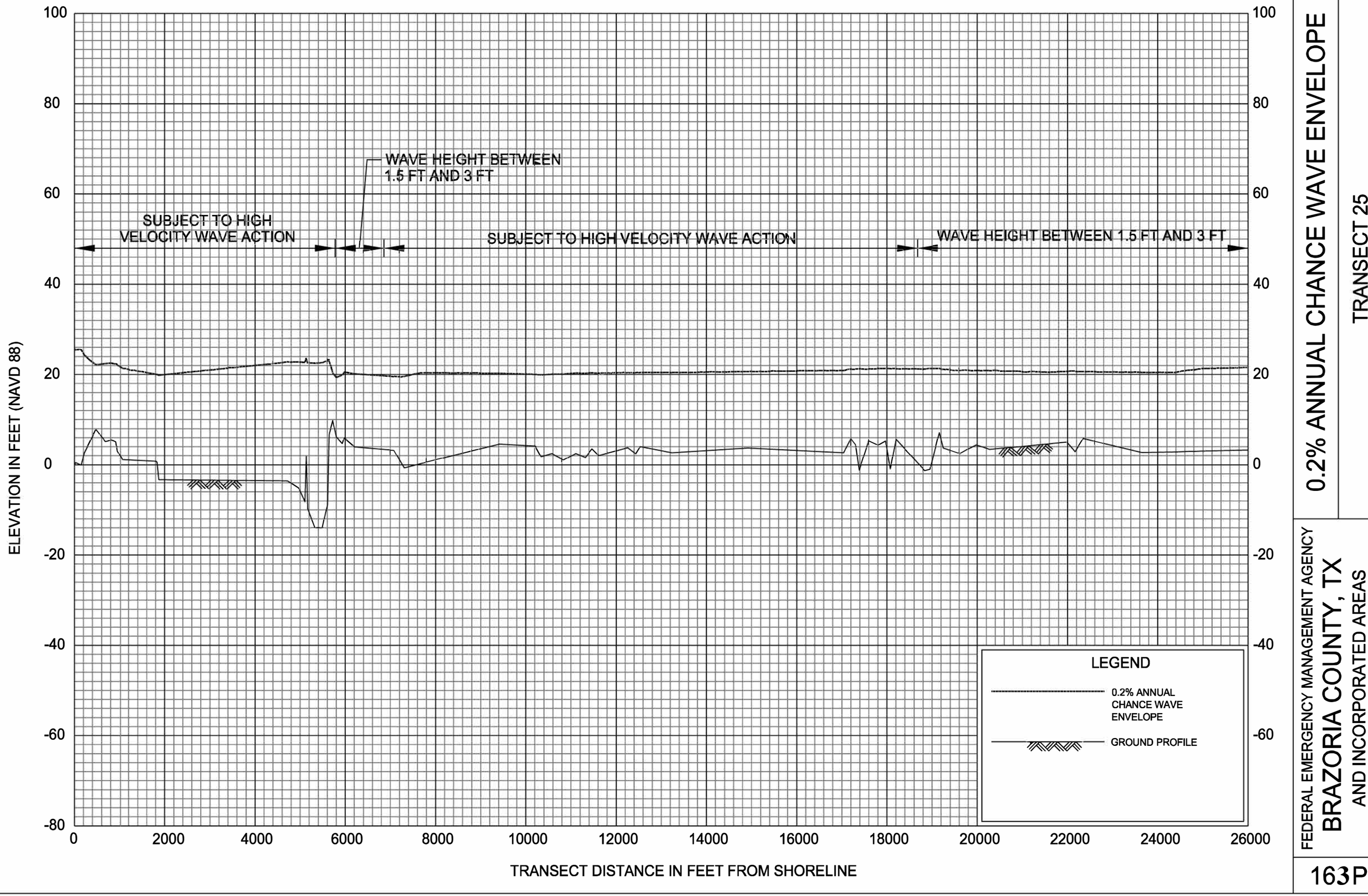
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX AND INCORPORATED AREAS

162P



0.2% ANNUAL CHANCE WAVE ENVELOPE

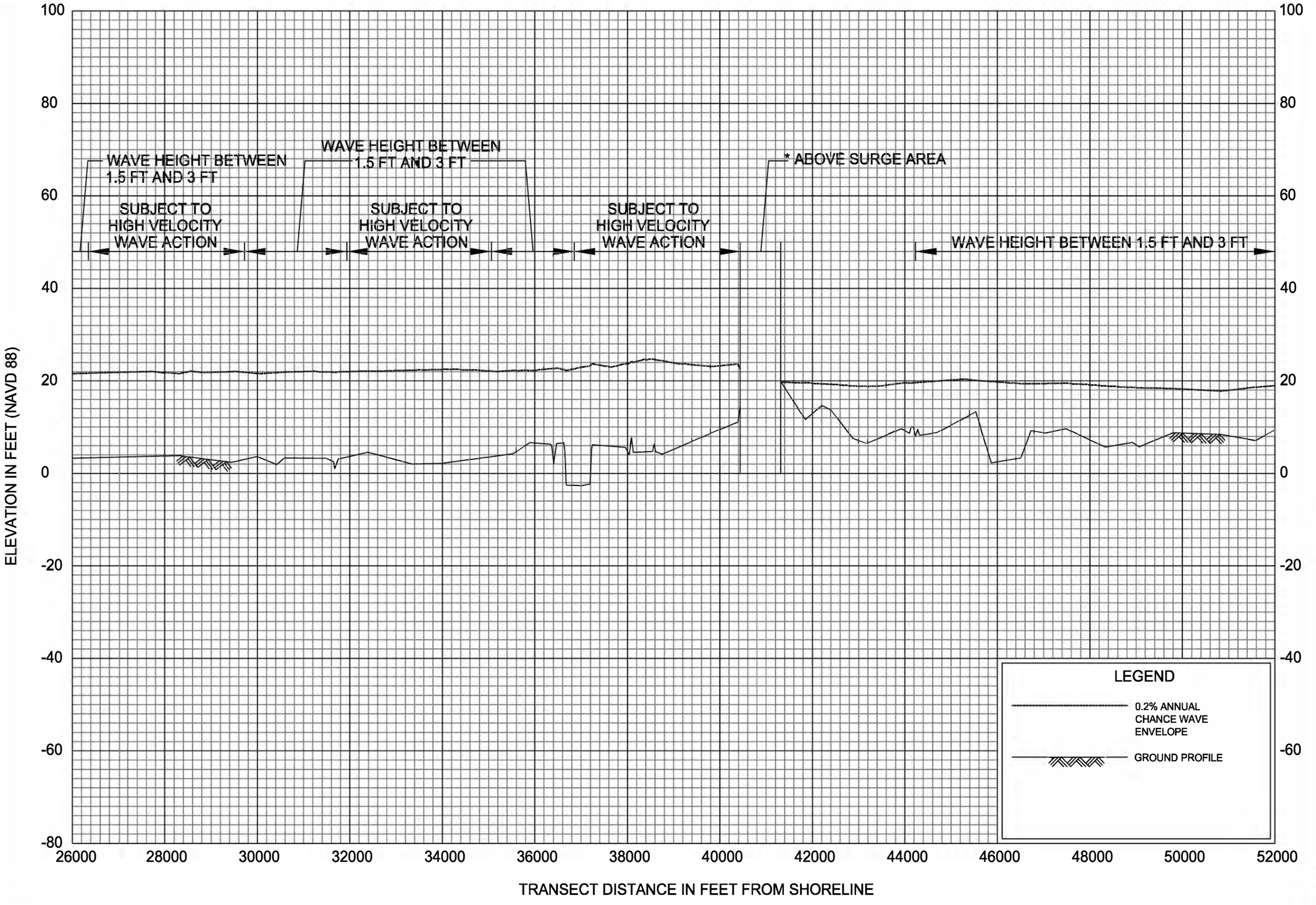
TRANSECT 25

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

163P



0.2% ANNUAL CHANCE WAVE ENVELOPE

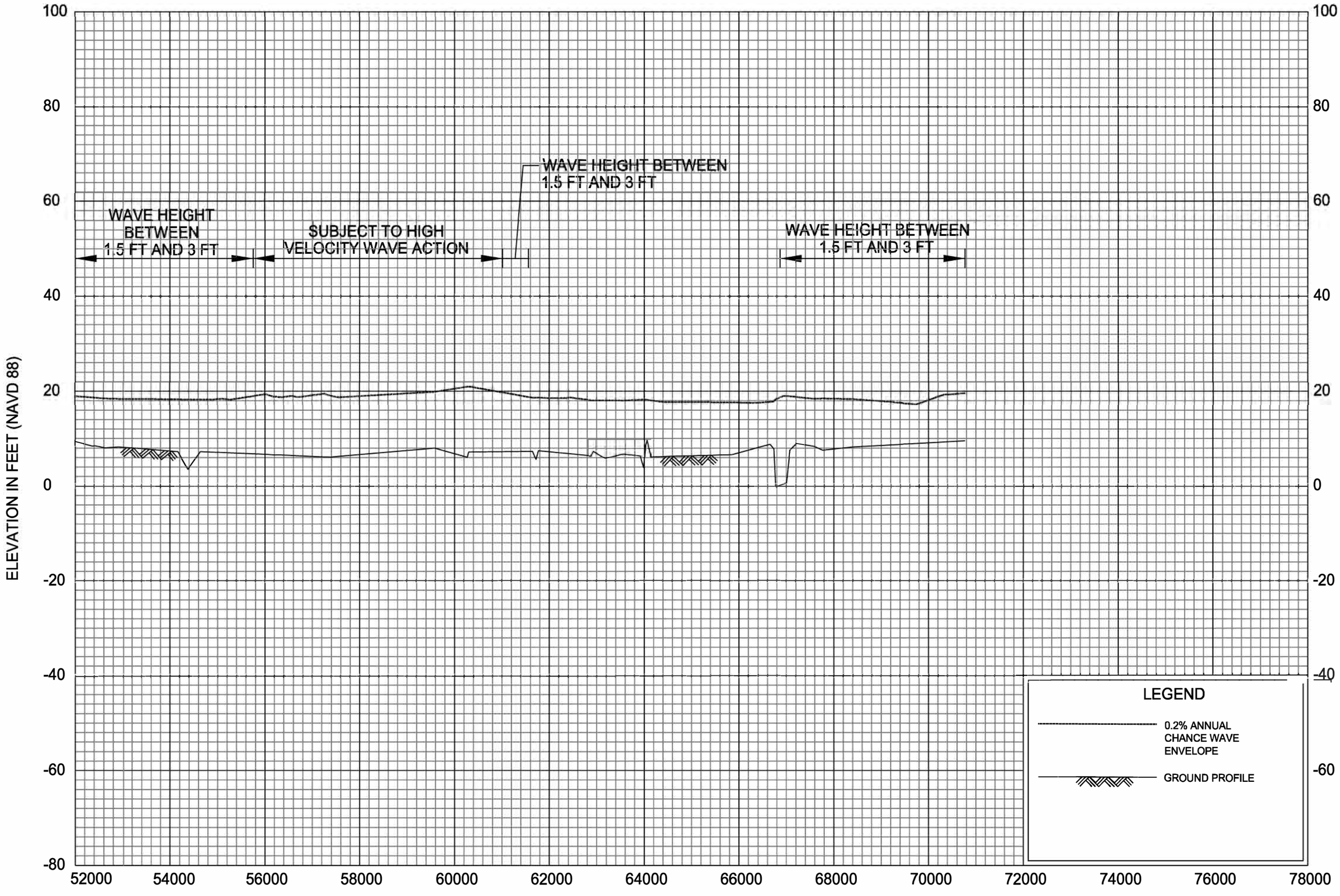
TRANSECT 25

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

164P



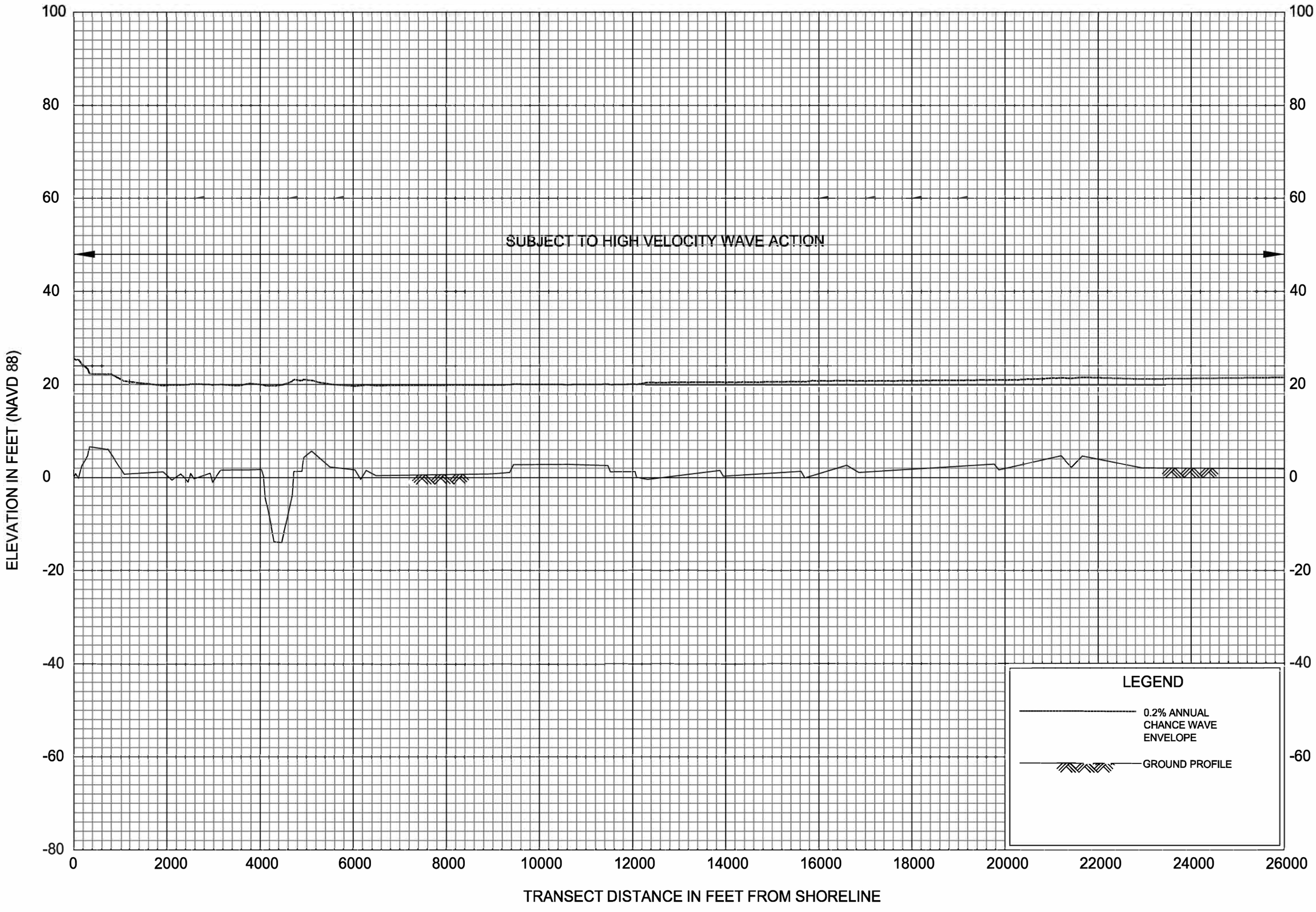
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 25

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

165P



0.2% ANNUAL CHANCE WAVE ENVELOPE

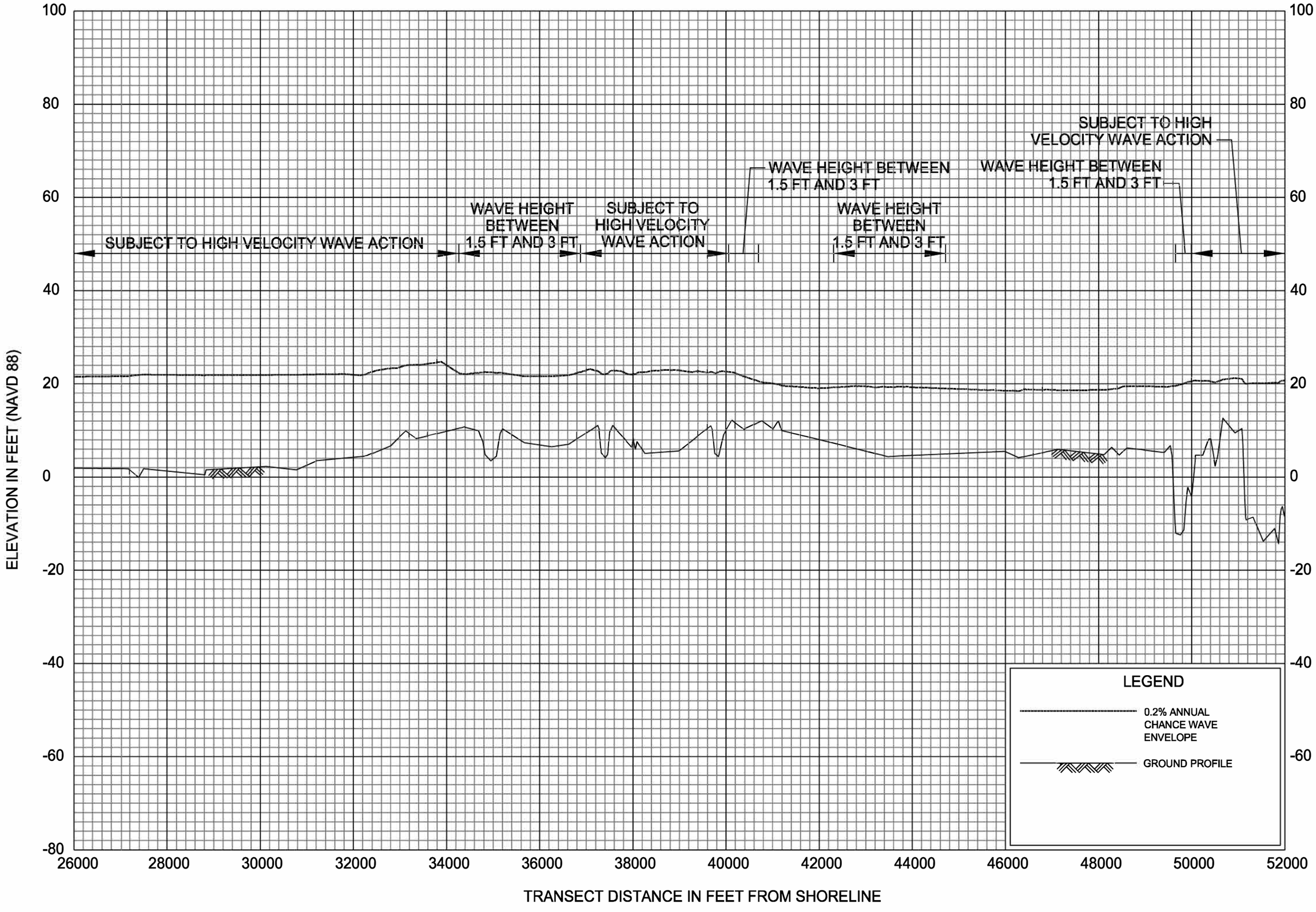
TRANSECT 26

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

166P



0.2% ANNUAL CHANCE WAVE ENVELOPE

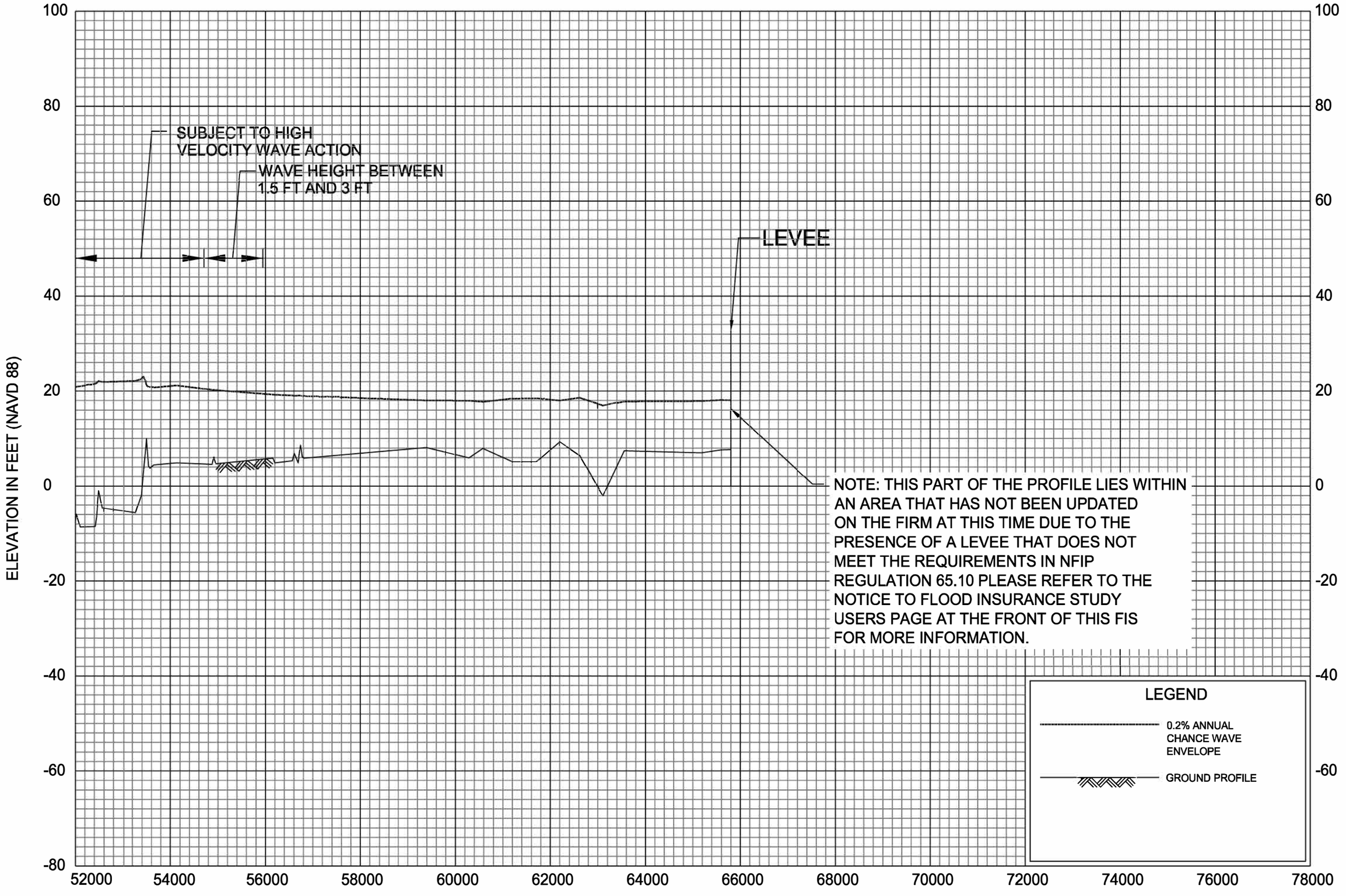
TRANSECT 26

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

167P



0.2% ANNUAL CHANCE WAVE ENVELOPE

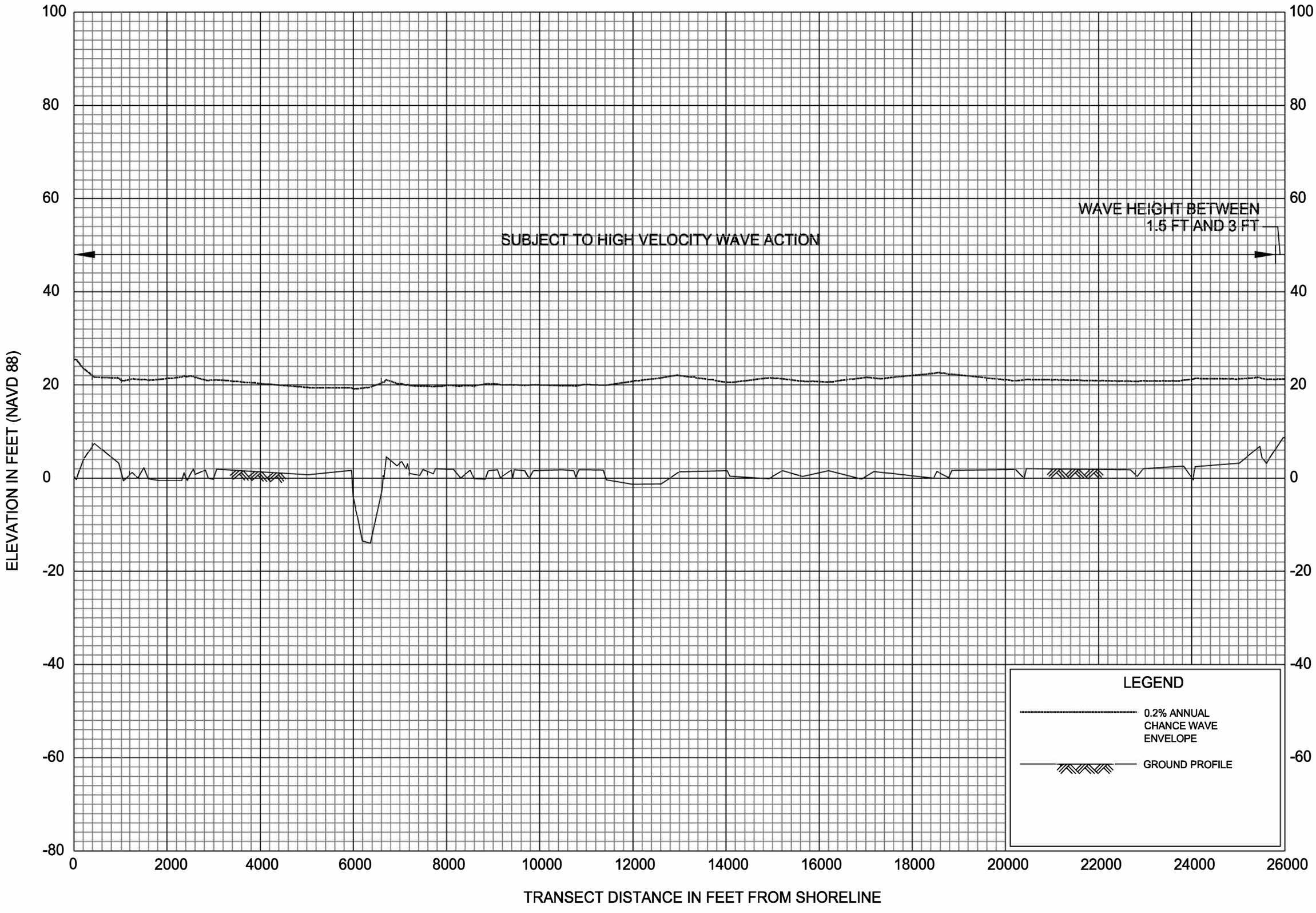
TRANSECT 26

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

168P



0.2% ANNUAL CHANCE WAVE ENVELOPE

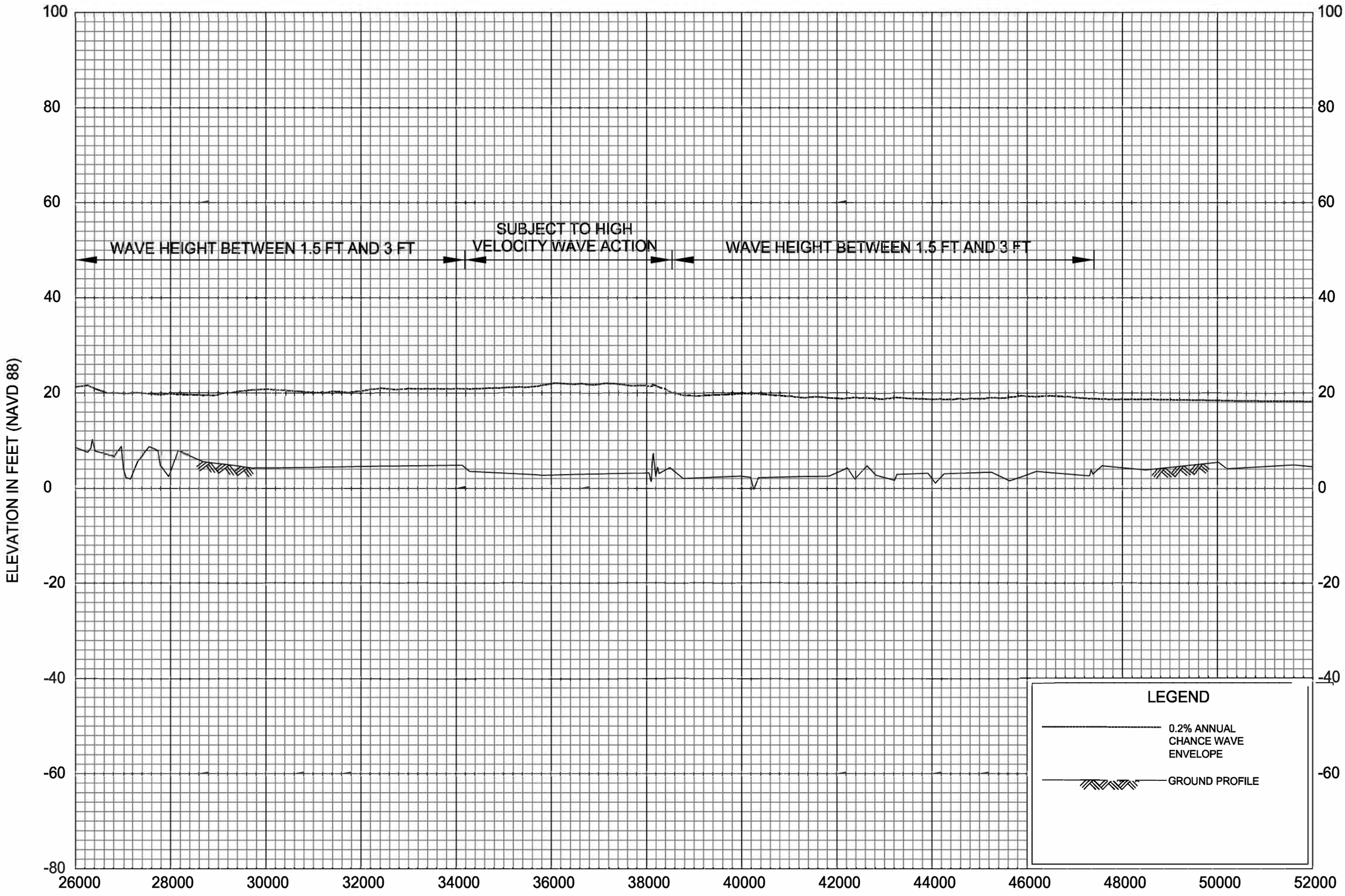
TRANSECT 27

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

169P



0.2% ANNUAL CHANCE WAVE ENVELOPE

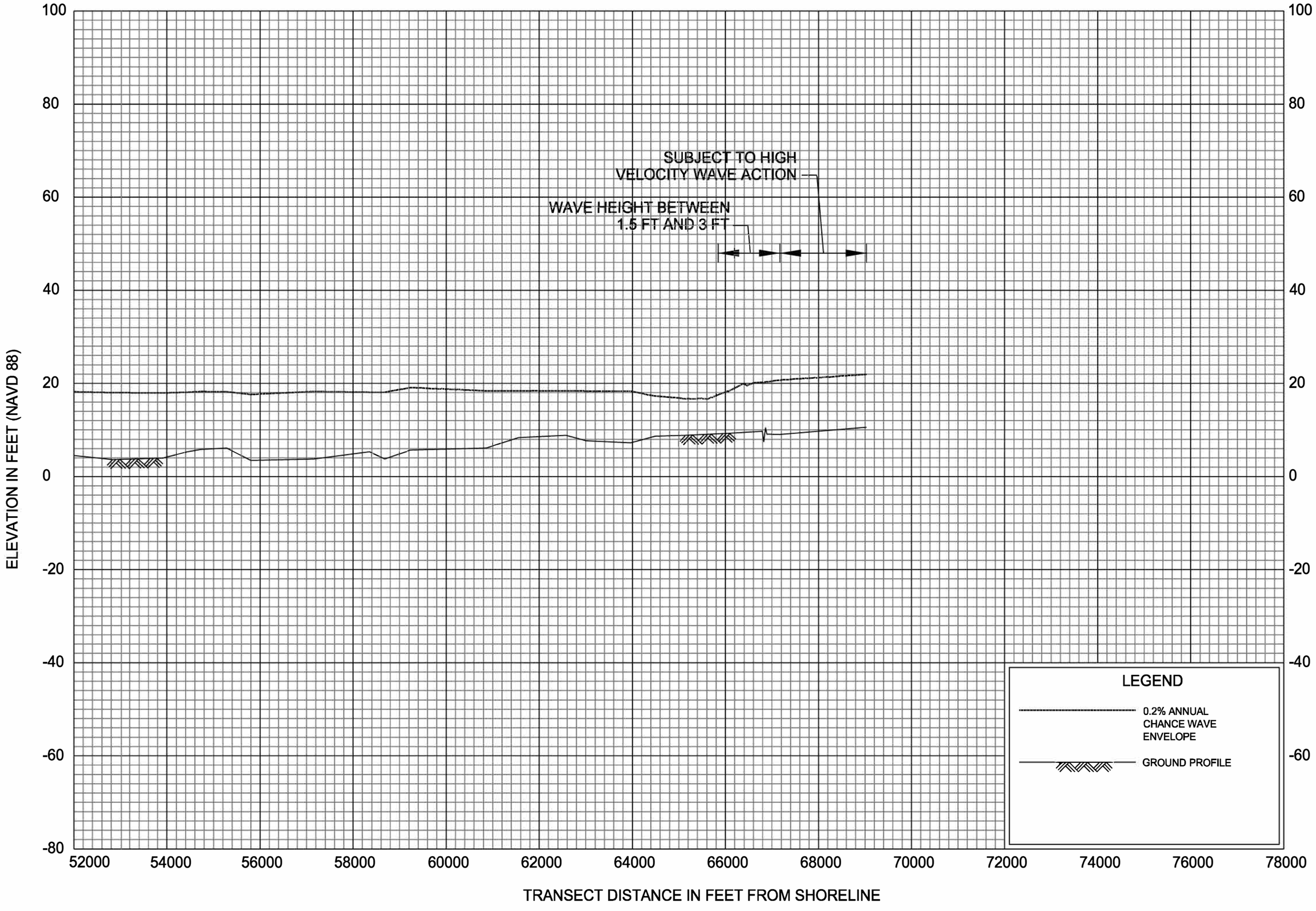
TRANSECT 27

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

170P



0.2% ANNUAL CHANCE WAVE ENVELOPE

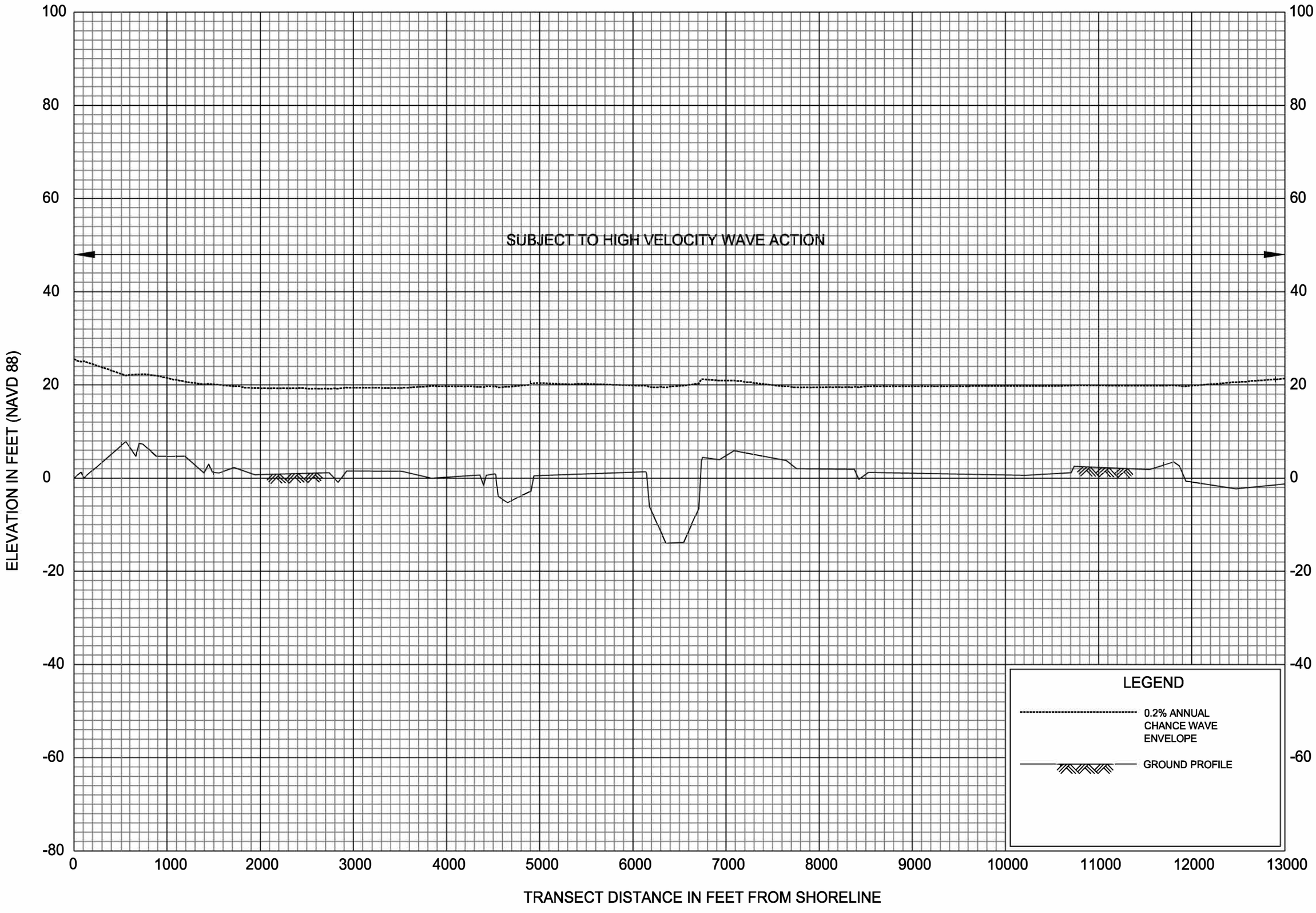
TRANSECT 27

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

171P



0.2% ANNUAL CHANCE WAVE ENVELOPE

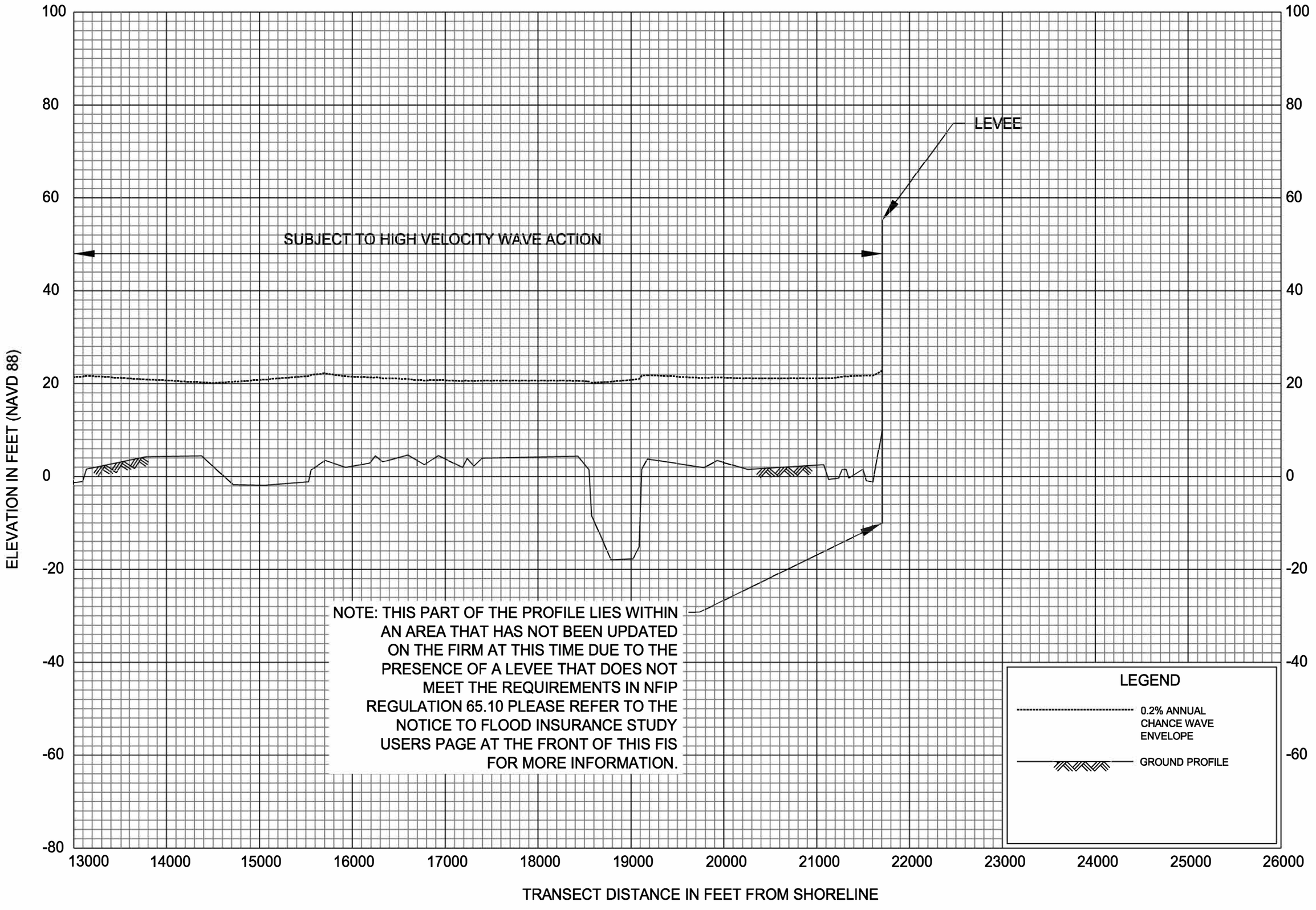
TRANSECT 28

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

172P



0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 28

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

WAVE HEIGHT BETWEEN
1.5 FT AND 3 FT

SUBJECT TO HIGH VELOCITY WAVE ACTION

ELEVATION IN FEET (NAVD 88)

100
80
60
40
20
0
-20
-40
-60
-80

0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
24000
26000

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

0.2% ANNUAL CHANCE WAVE ENVELOPE

GROUND PROFILE

0.2% ANNUAL CHANCE WAVE ENVELOPE

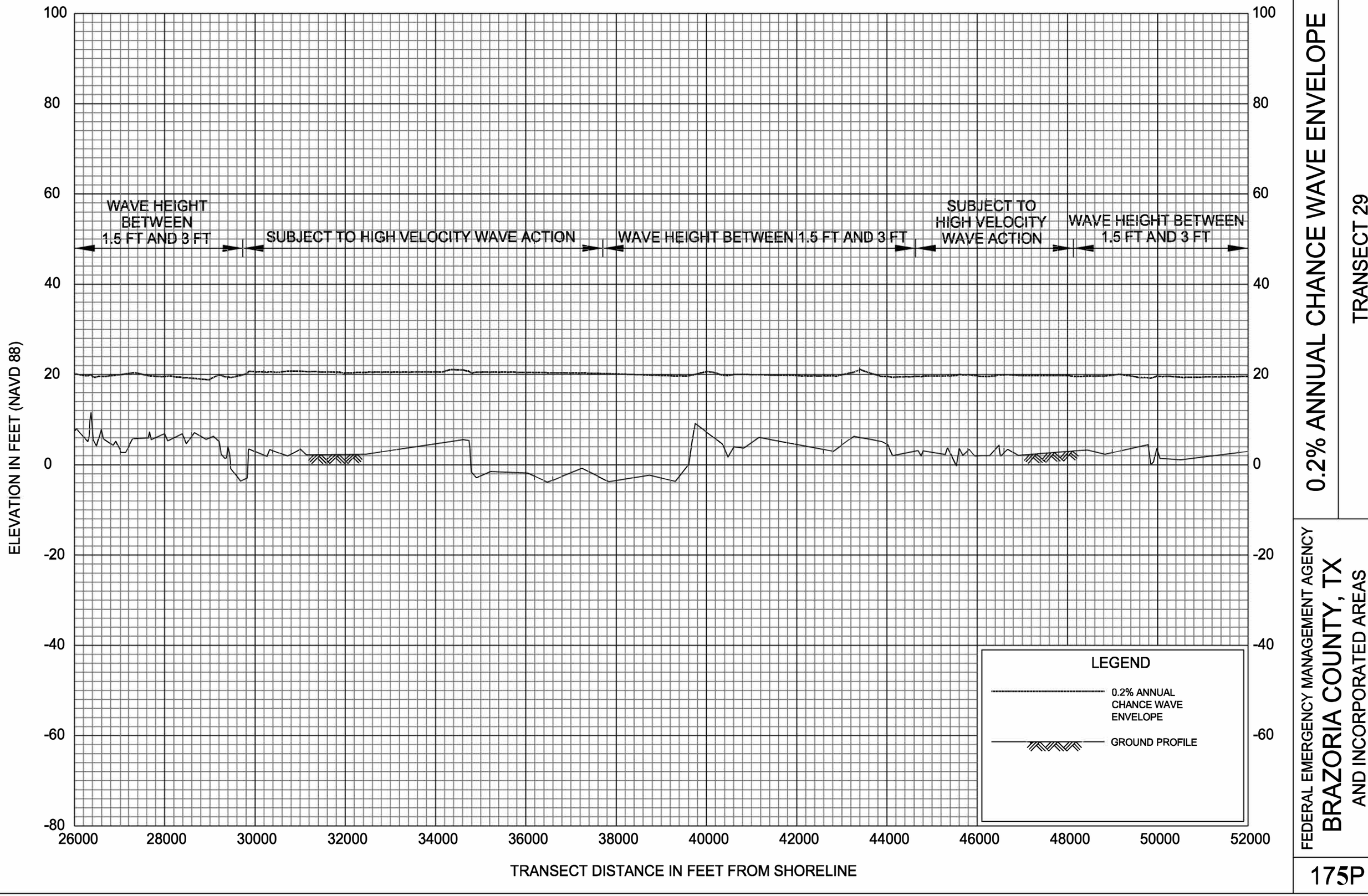
TRANSECT 29

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

174P



0.2% ANNUAL CHANCE WAVE ENVELOPE

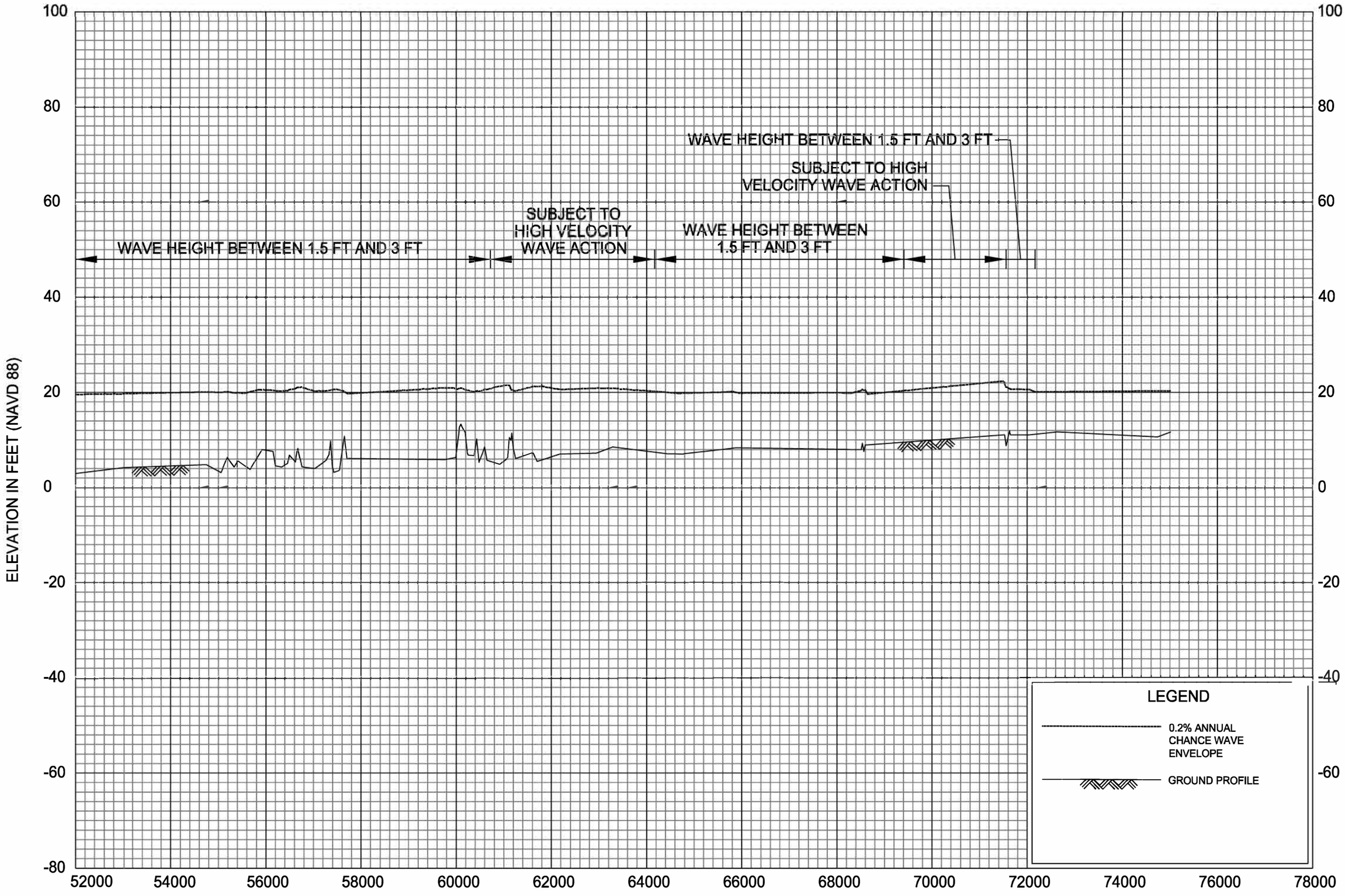
TRANSECT 29

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

175P



0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 29

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

176P

SUBJECT TO HIGH VELOCITY WAVE ACTION

ELEVATION IN FEET (NAVD 88)

100
80
60
40
20
0
-20
-40
-60
-80

0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
24000
26000

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

0.2% ANNUAL CHANCE WAVE ENVELOPE

GROUND PROFILE

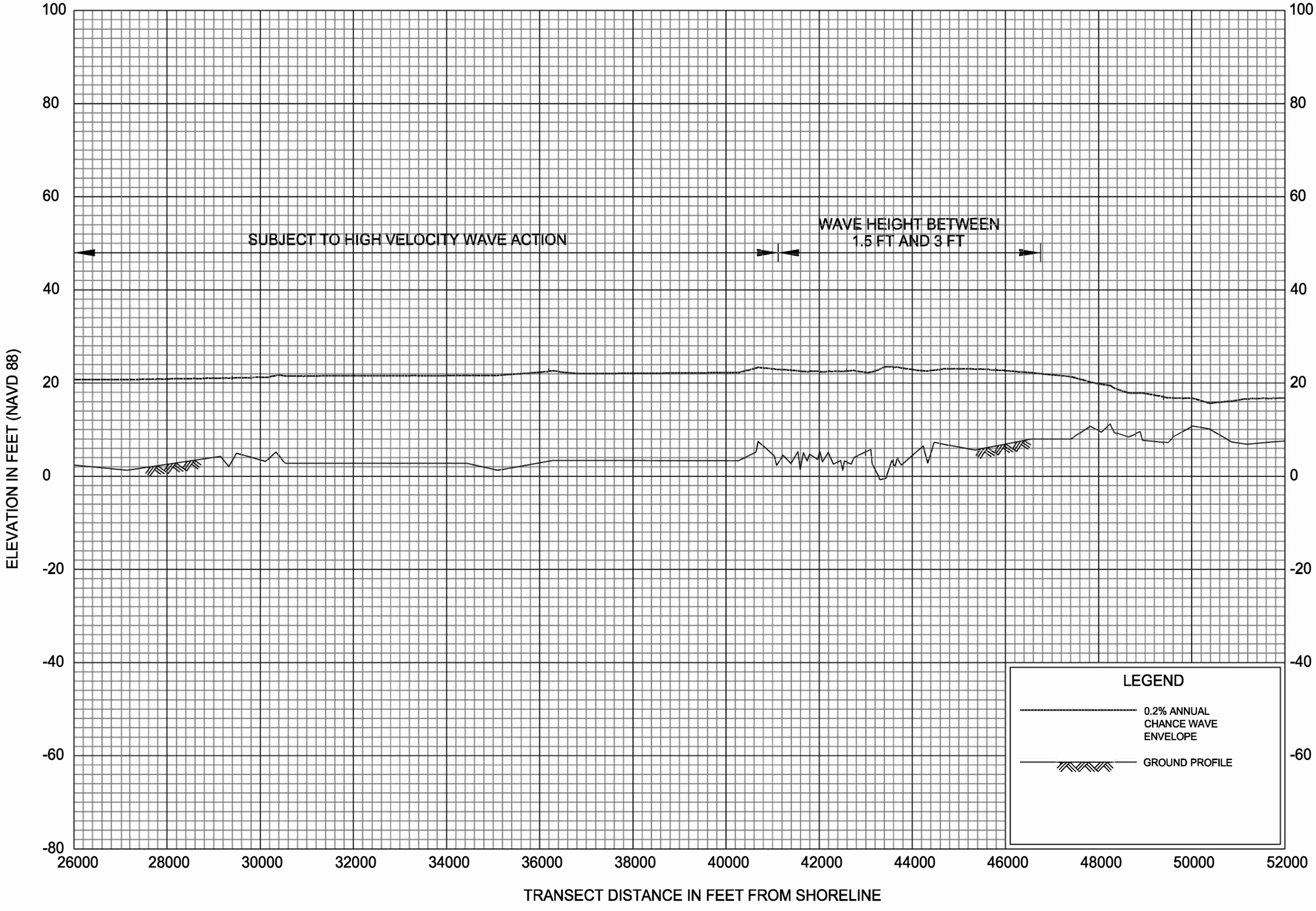
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 30

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

177P



0.2% ANNUAL CHANCE WAVE ENVELOPE

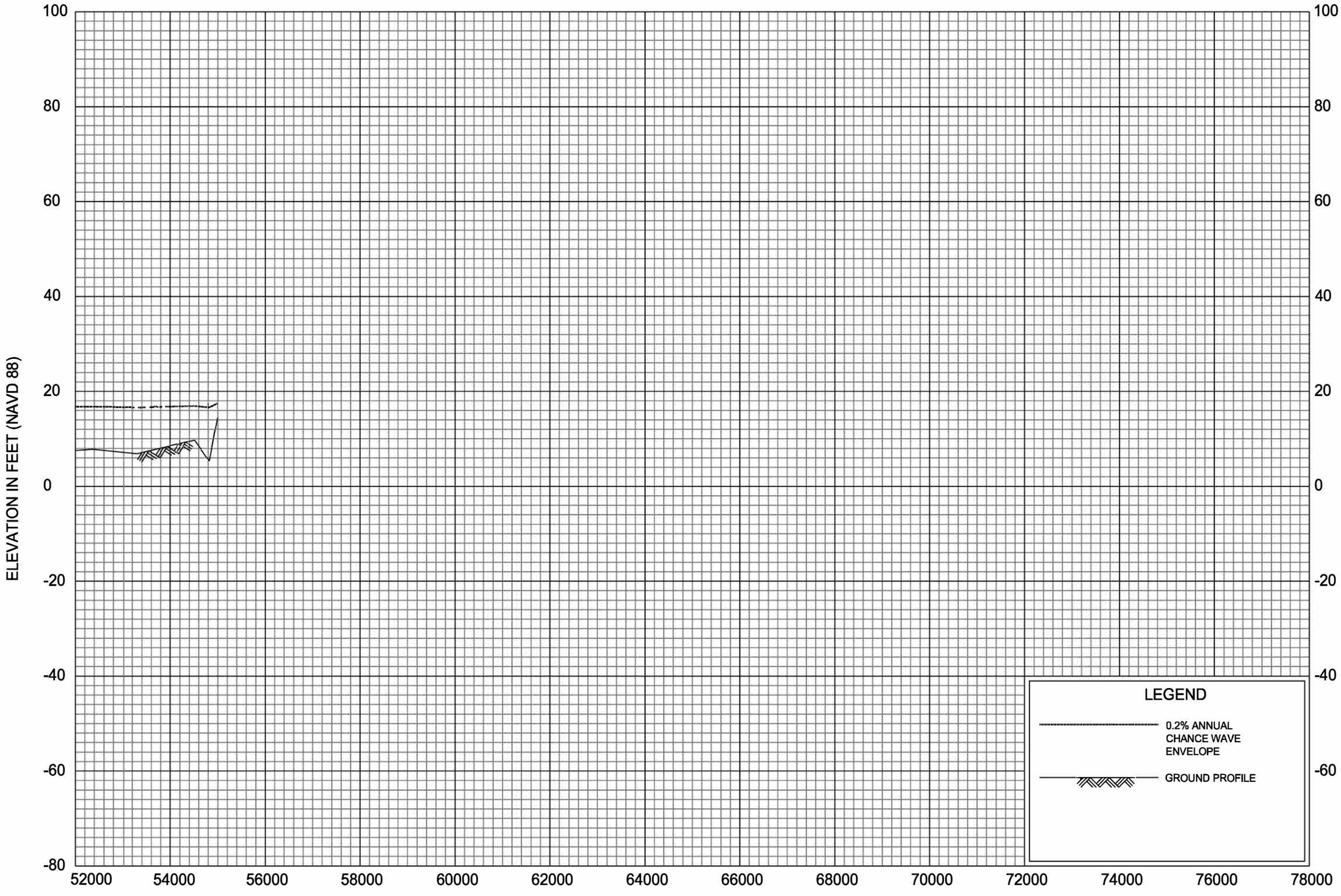
TRANSECT 30

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

178P



0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 30

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

179P

SUBJECT TO HIGH VELOCITY WAVE ACTION

ELEVATION IN FEET (NAVD 88)

100
80
60
40
20
0
-20
-40
-60
-80

0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
24000
26000

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

0.2% ANNUAL CHANCE WAVE ENVELOPE

GROUND PROFILE

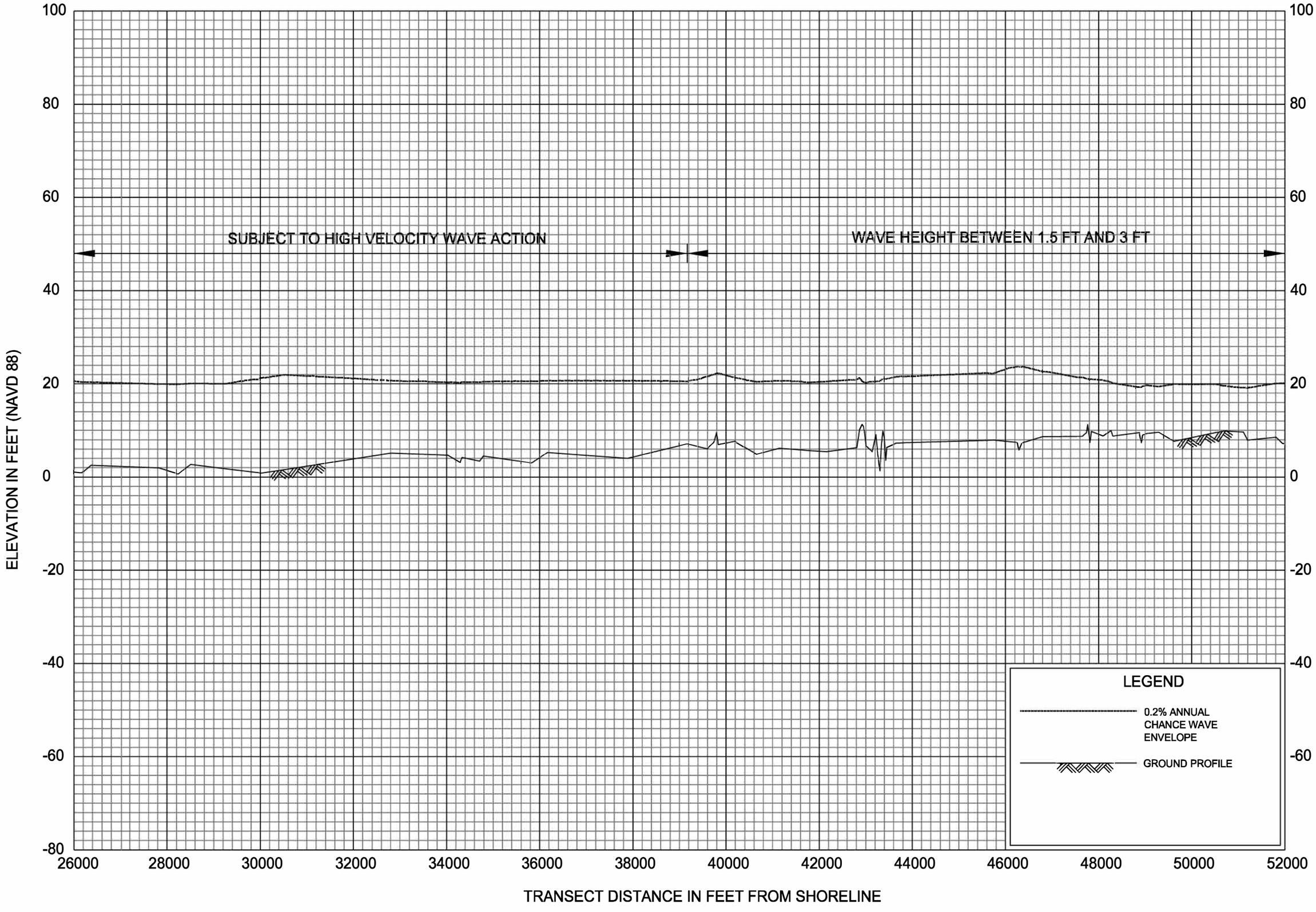
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 31

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

180P



0.2% ANNUAL CHANCE WAVE ENVELOPE

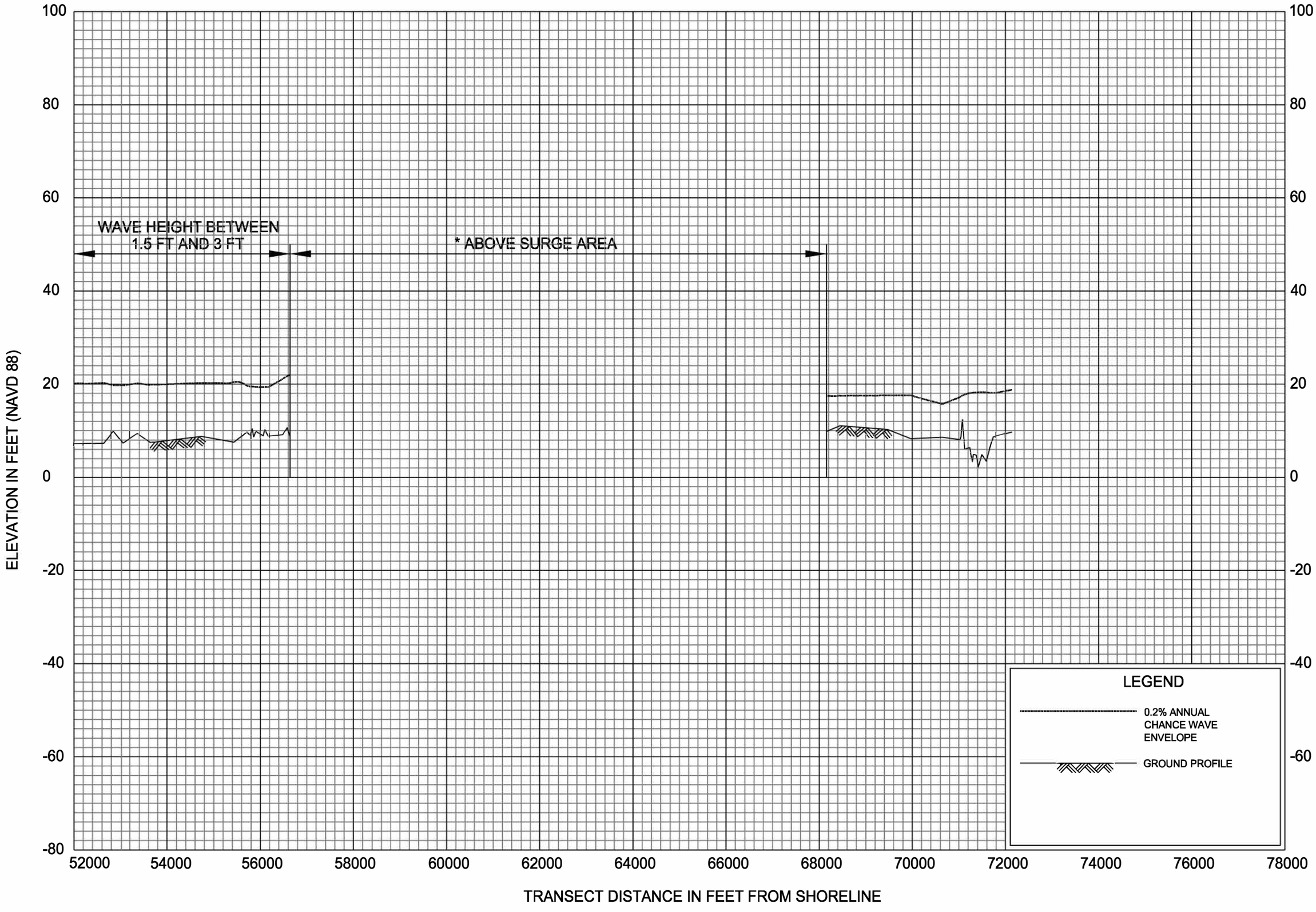
TRANSECT 31

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

181P



0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 31

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

182P

SUBJECT TO HIGH VELOCITY WAVE ACTION

ELEVATION IN FEET (NAVD 88)

100
80
60
40
20
0
-20
-40
-60
-80

0
2000
4000
6000
8000
10000
12000
14000
16000
18000
20000
22000
24000
26000

TRANSECT DISTANCE IN FEET FROM SHORELINE

LEGEND

0.2% ANNUAL CHANCE WAVE ENVELOPE

GROUND PROFILE

0.2% ANNUAL CHANCE WAVE ENVELOPE

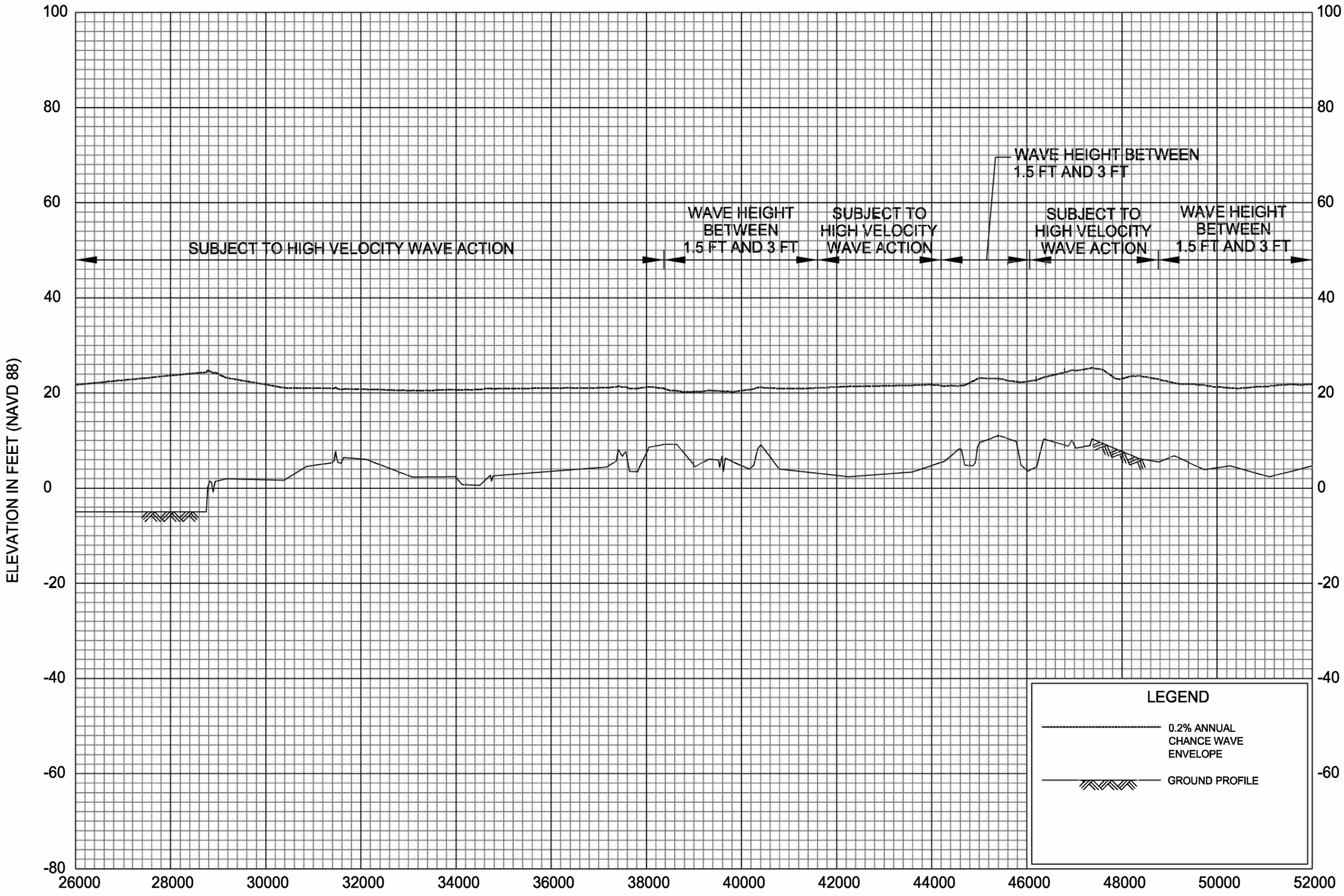
TRANSECT 32

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

183P



0.2% ANNUAL CHANCE WAVE ENVELOPE

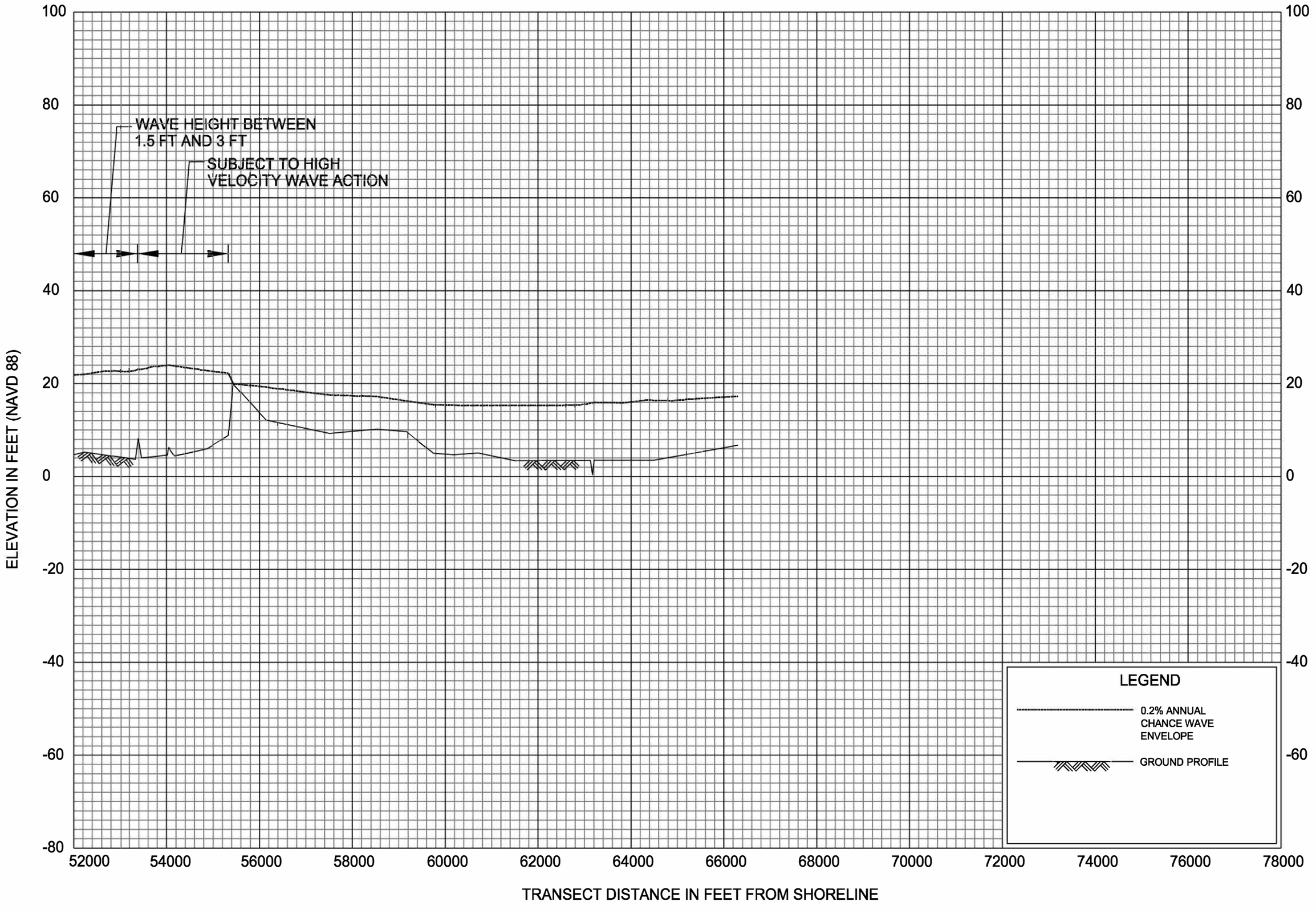
TRANSECT 32

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

184P



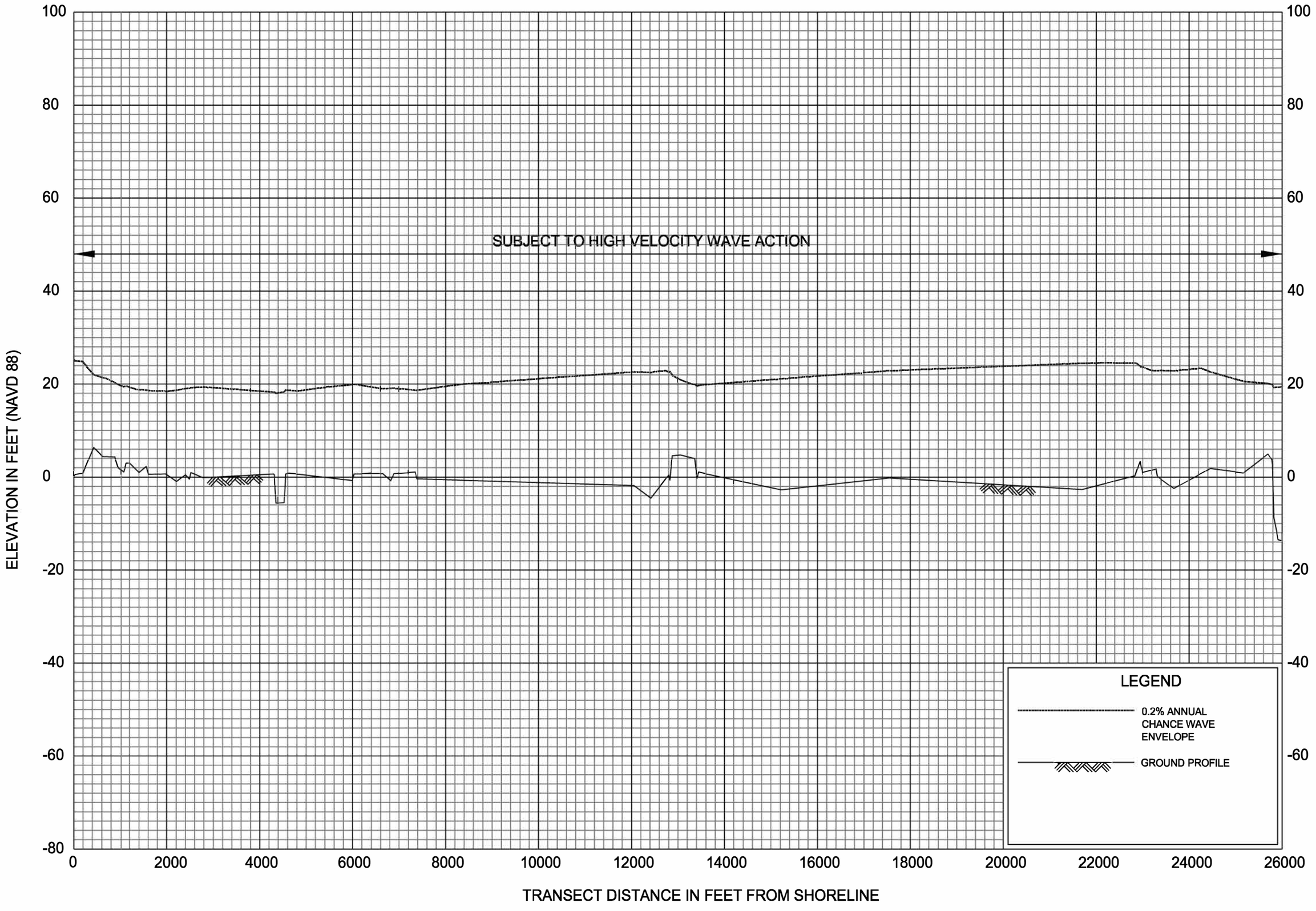
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 32

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

185P



0.2% ANNUAL CHANCE WAVE ENVELOPE

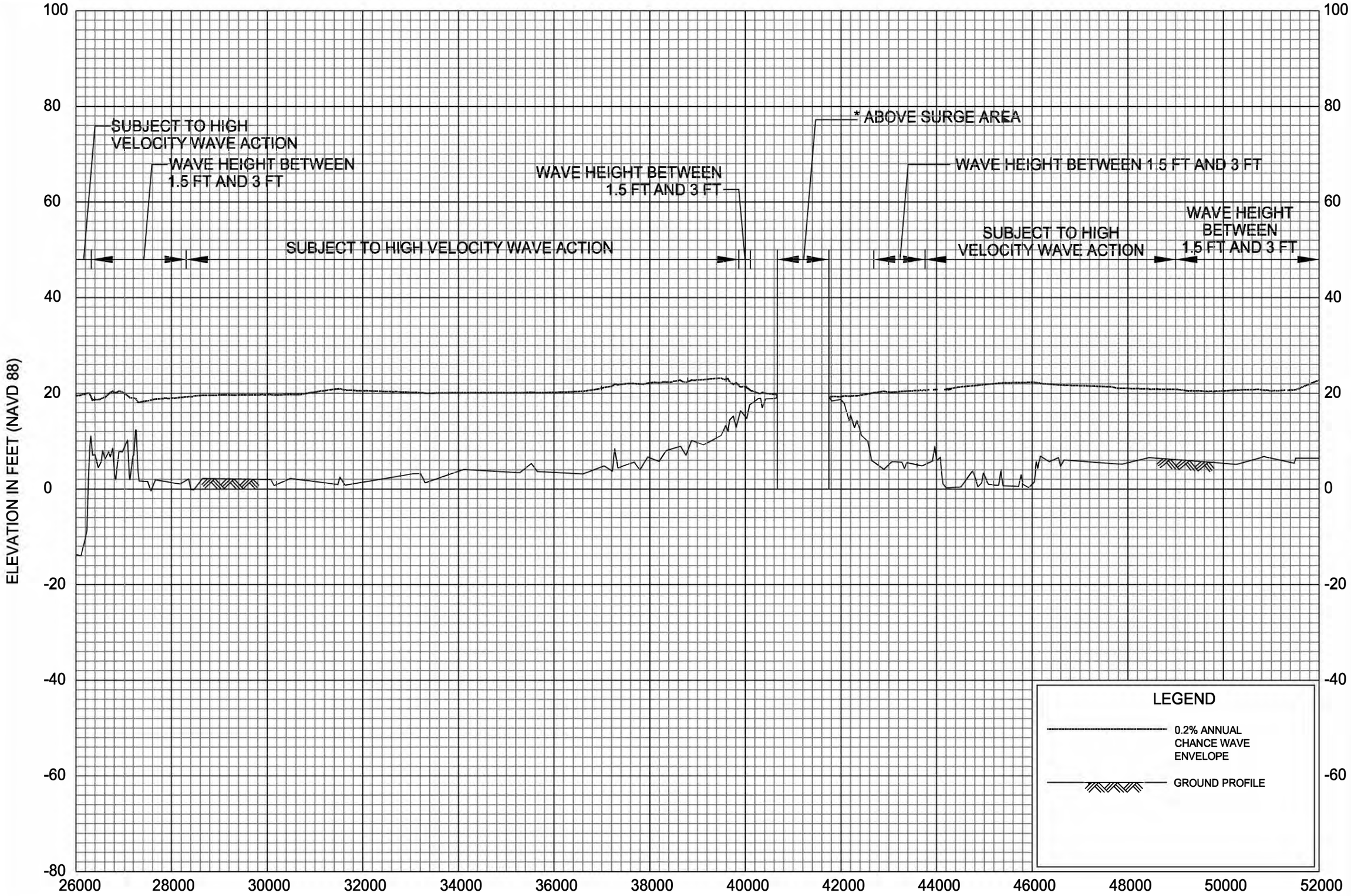
TRANSECT 33

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

186P



0.2% ANNUAL CHANCE WAVE ENVELOPE

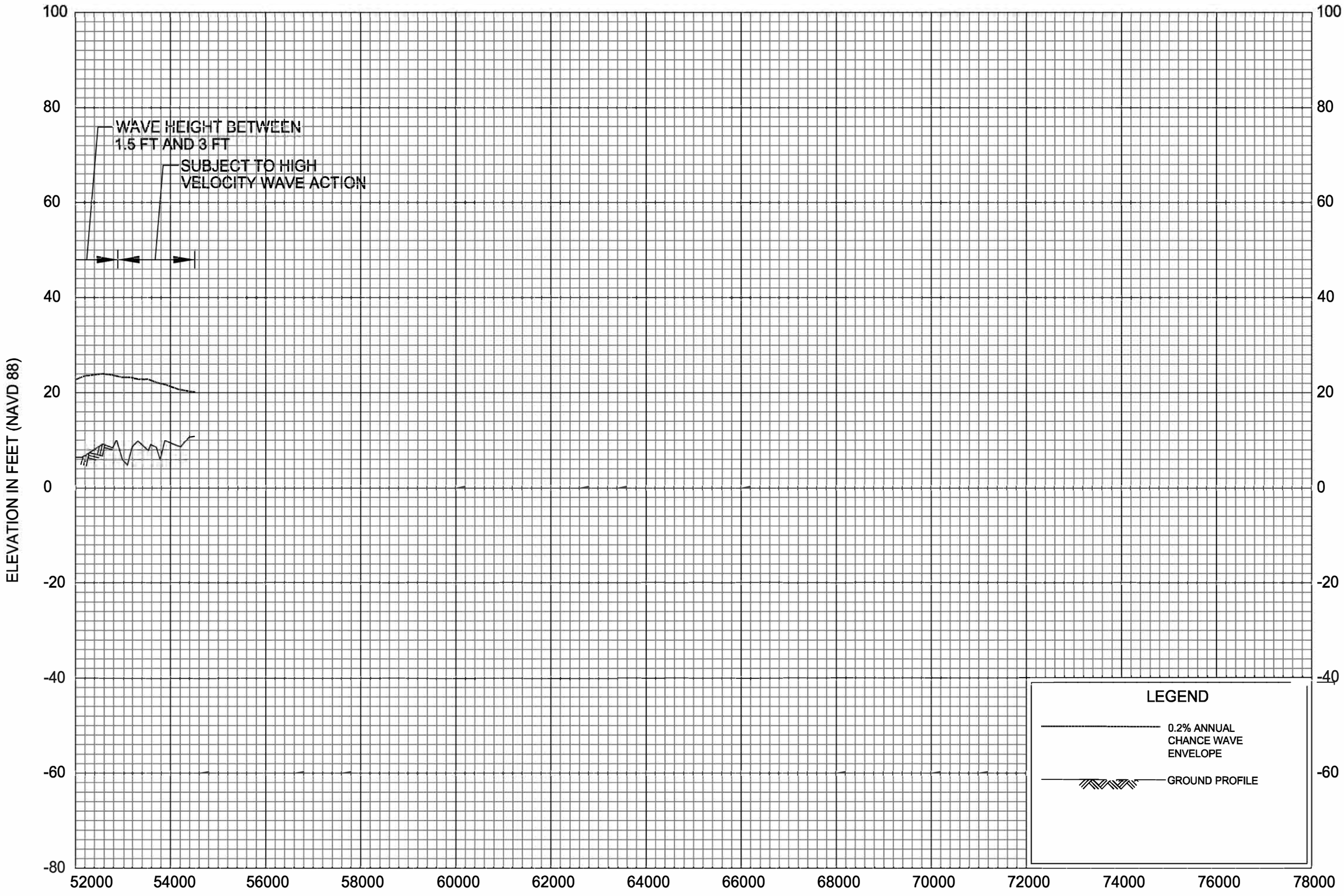
TRANSECT 33

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

187P



0.2% ANNUAL CHANCE WAVE ENVELOPE

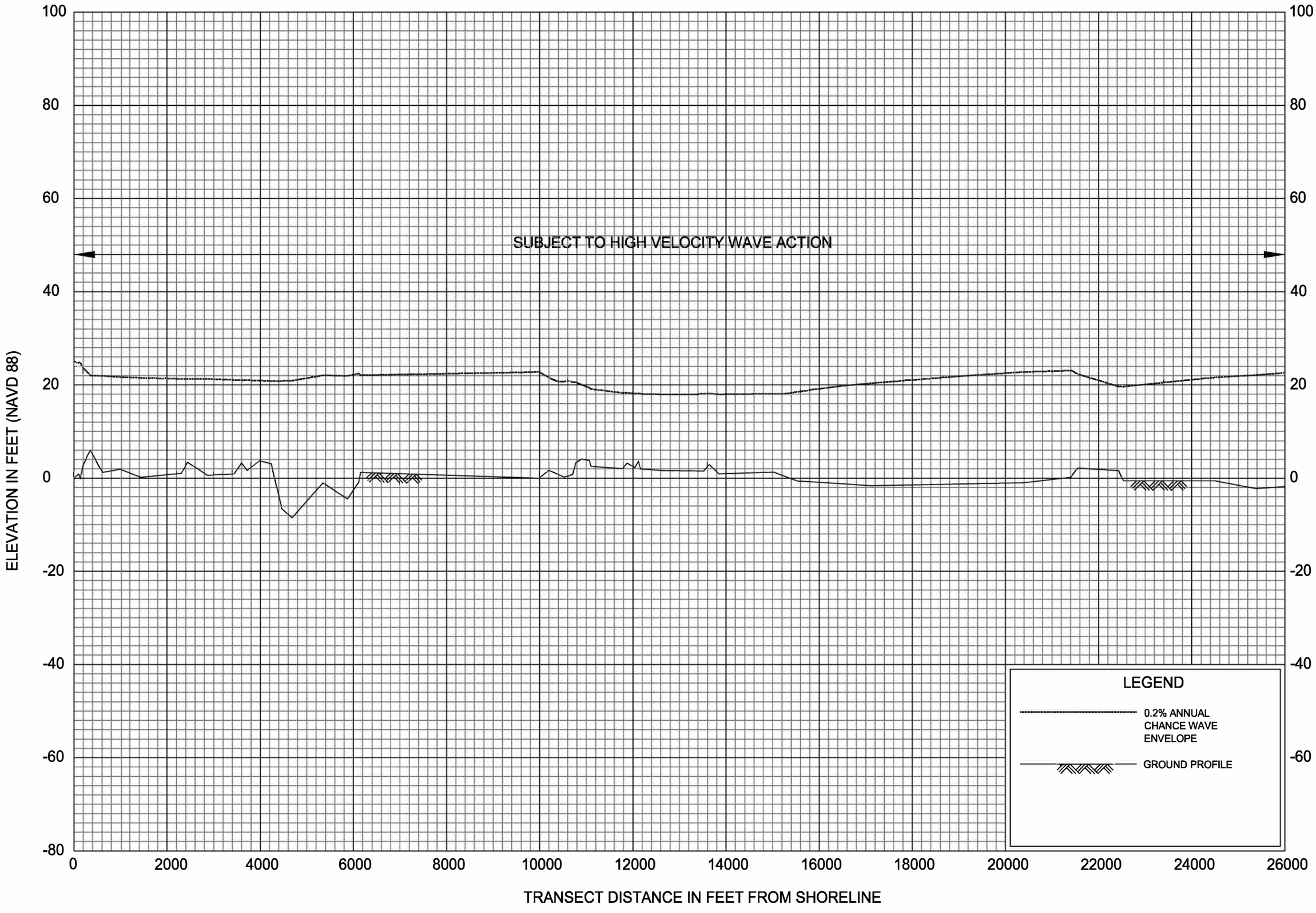
TRANSECT 33

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

188P



0.2% ANNUAL CHANCE WAVE ENVELOPE

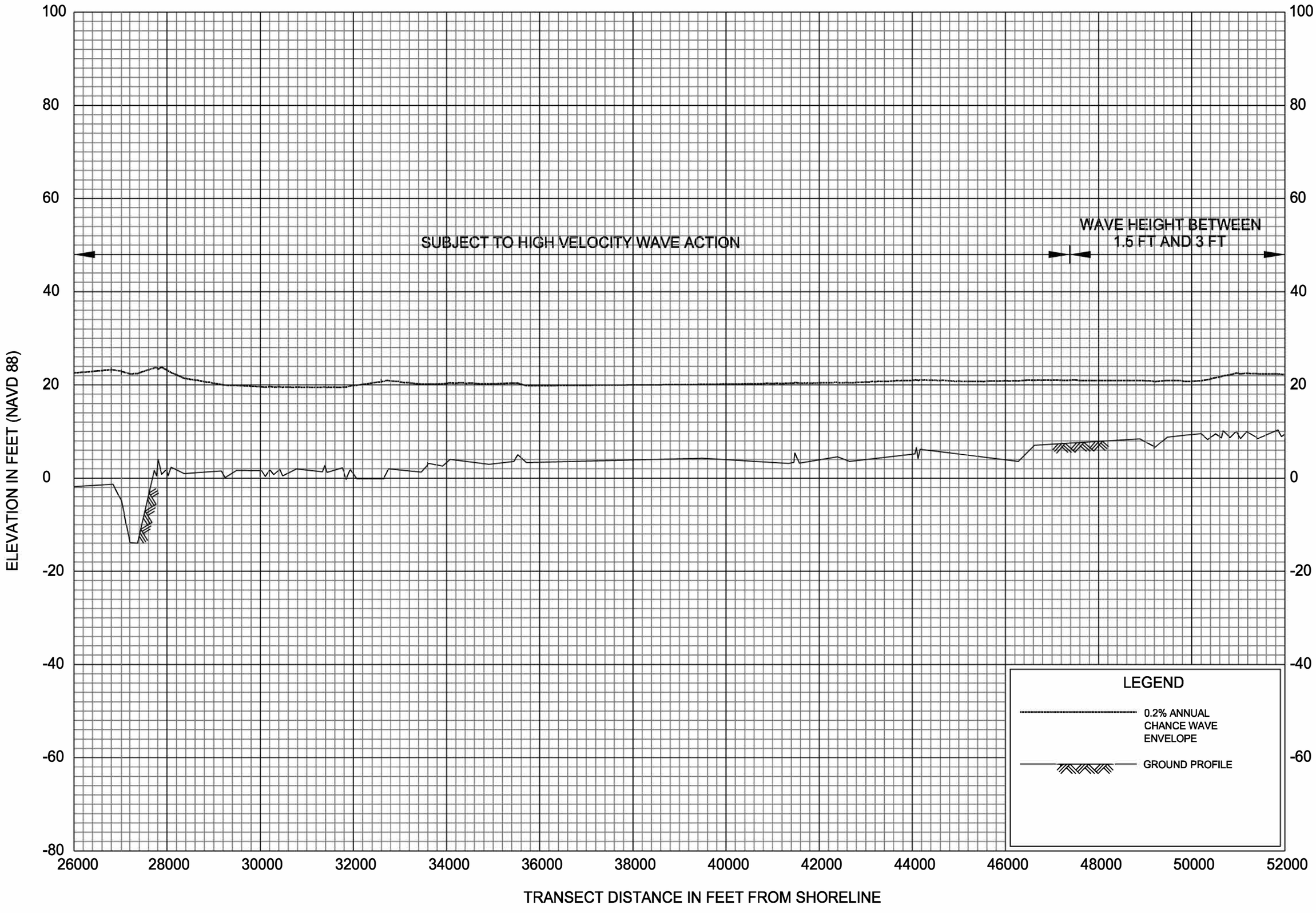
TRANSECT 34

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

189P



0.2% ANNUAL CHANCE WAVE ENVELOPE

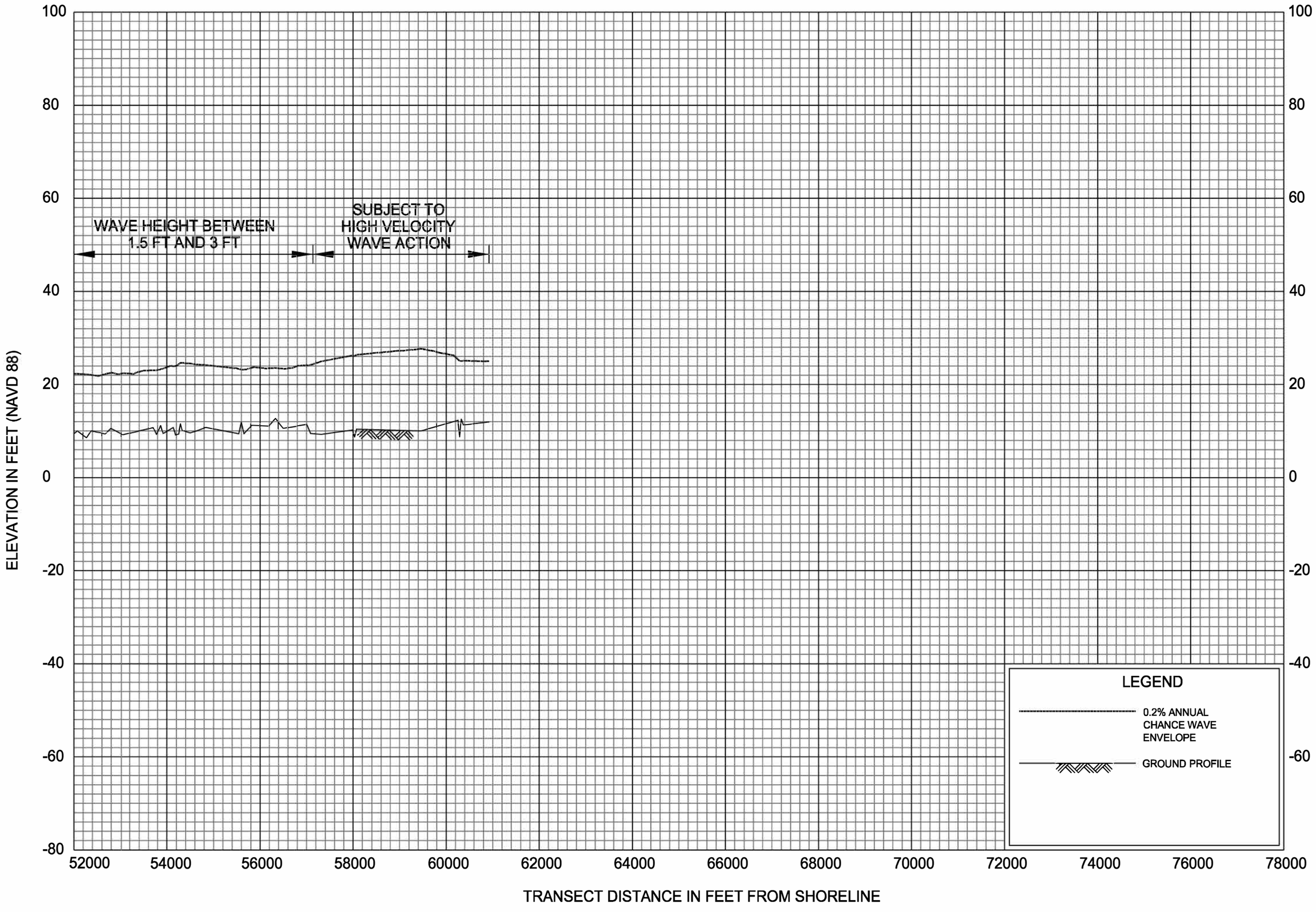
TRANSECT 34

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

190P



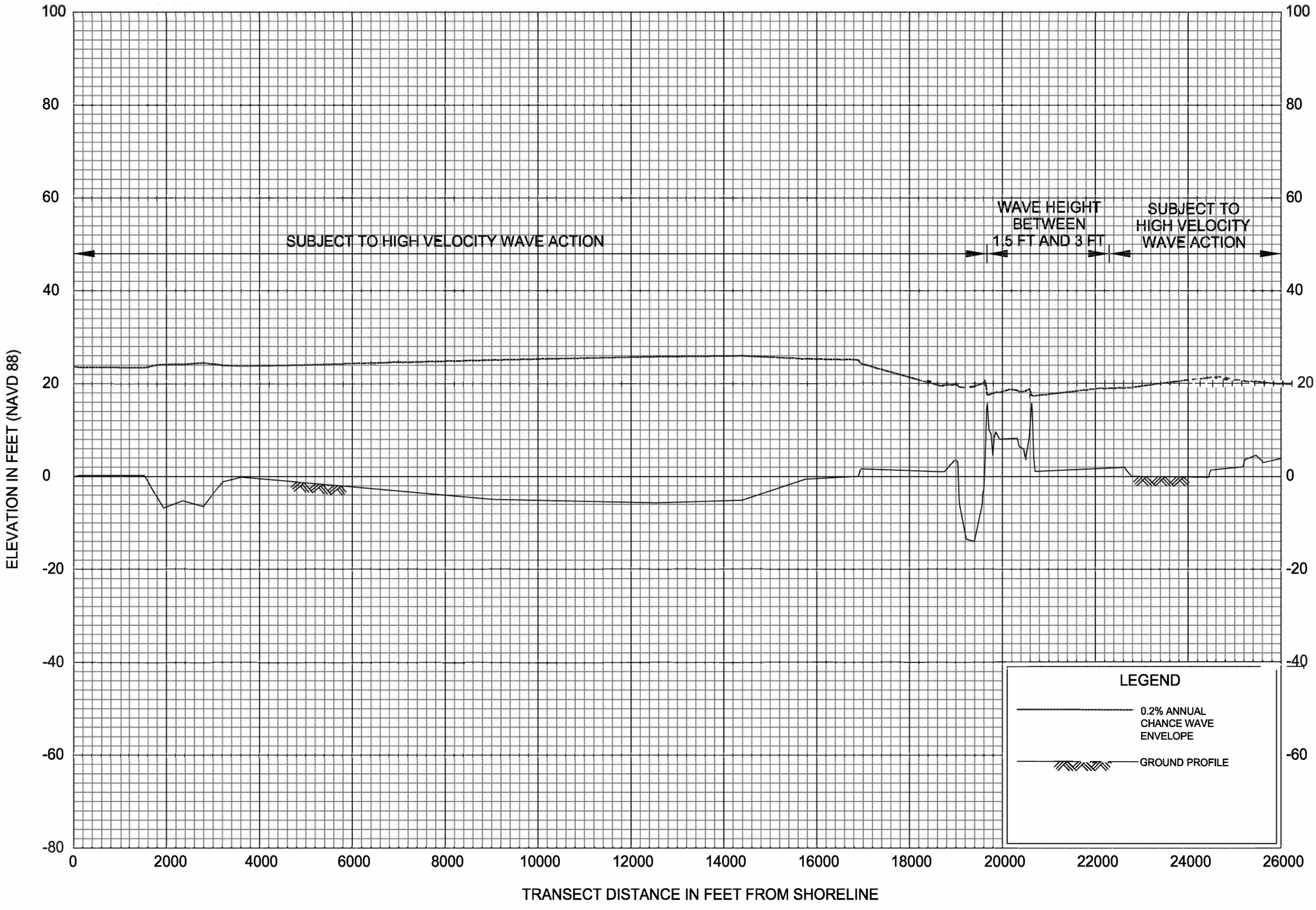
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 34

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX AND INCORPORATED AREAS

191P



0.2% ANNUAL CHANCE WAVE ENVELOPE

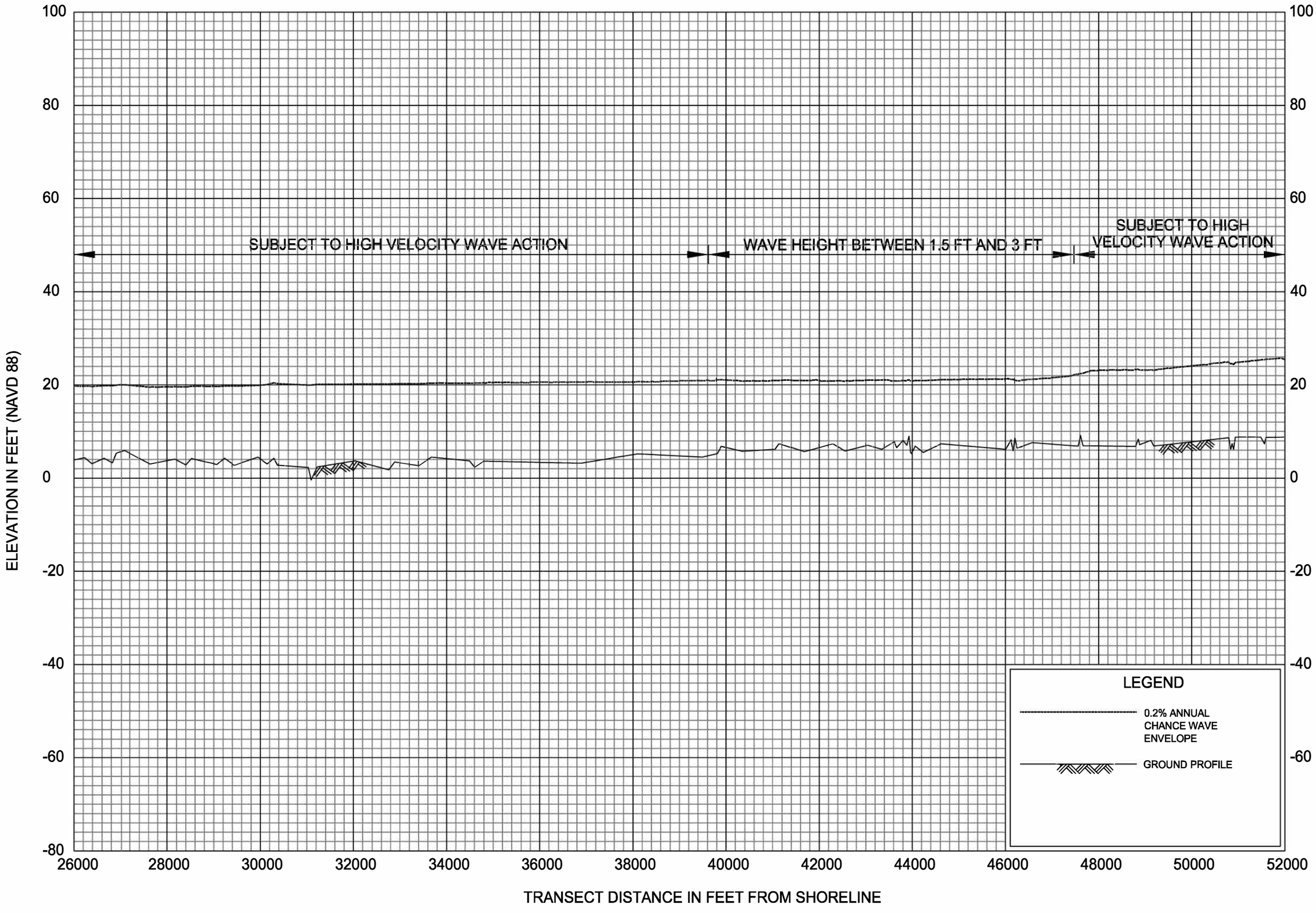
TRANSECT 35

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

192P



0.2% ANNUAL CHANCE WAVE ENVELOPE

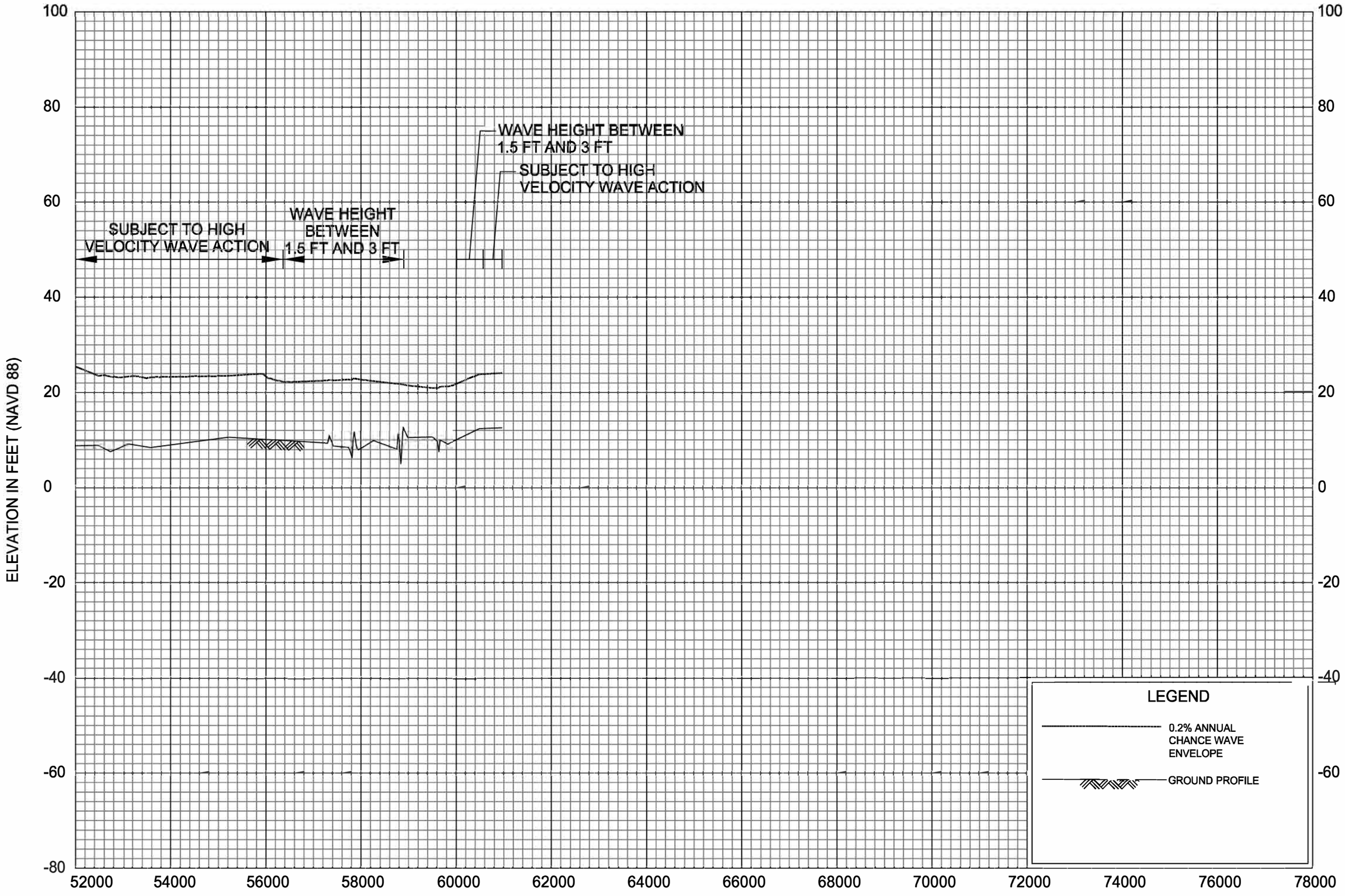
TRANSECT 35

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

193P



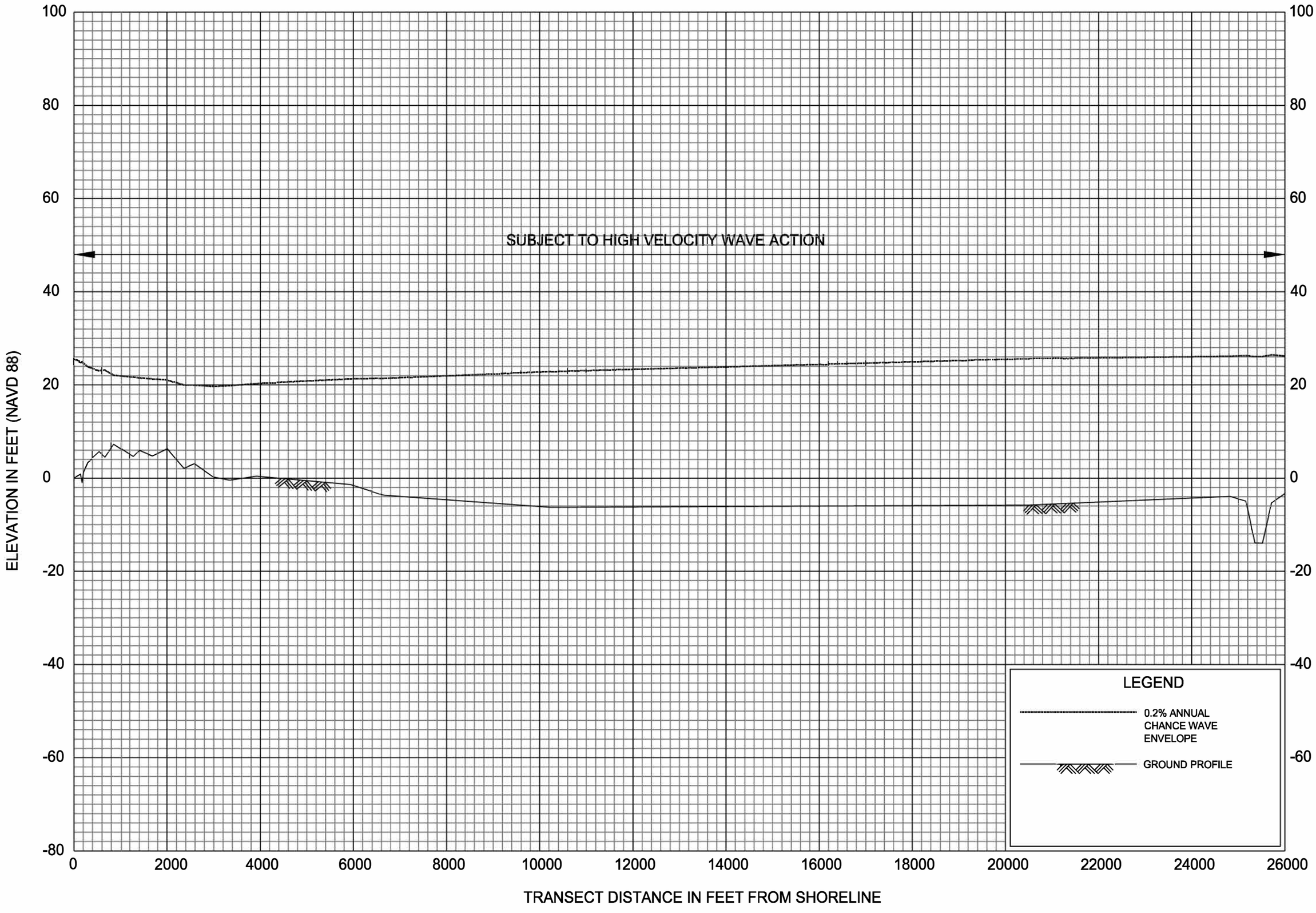
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 35

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

194P



0.2% ANNUAL CHANCE WAVE ENVELOPE

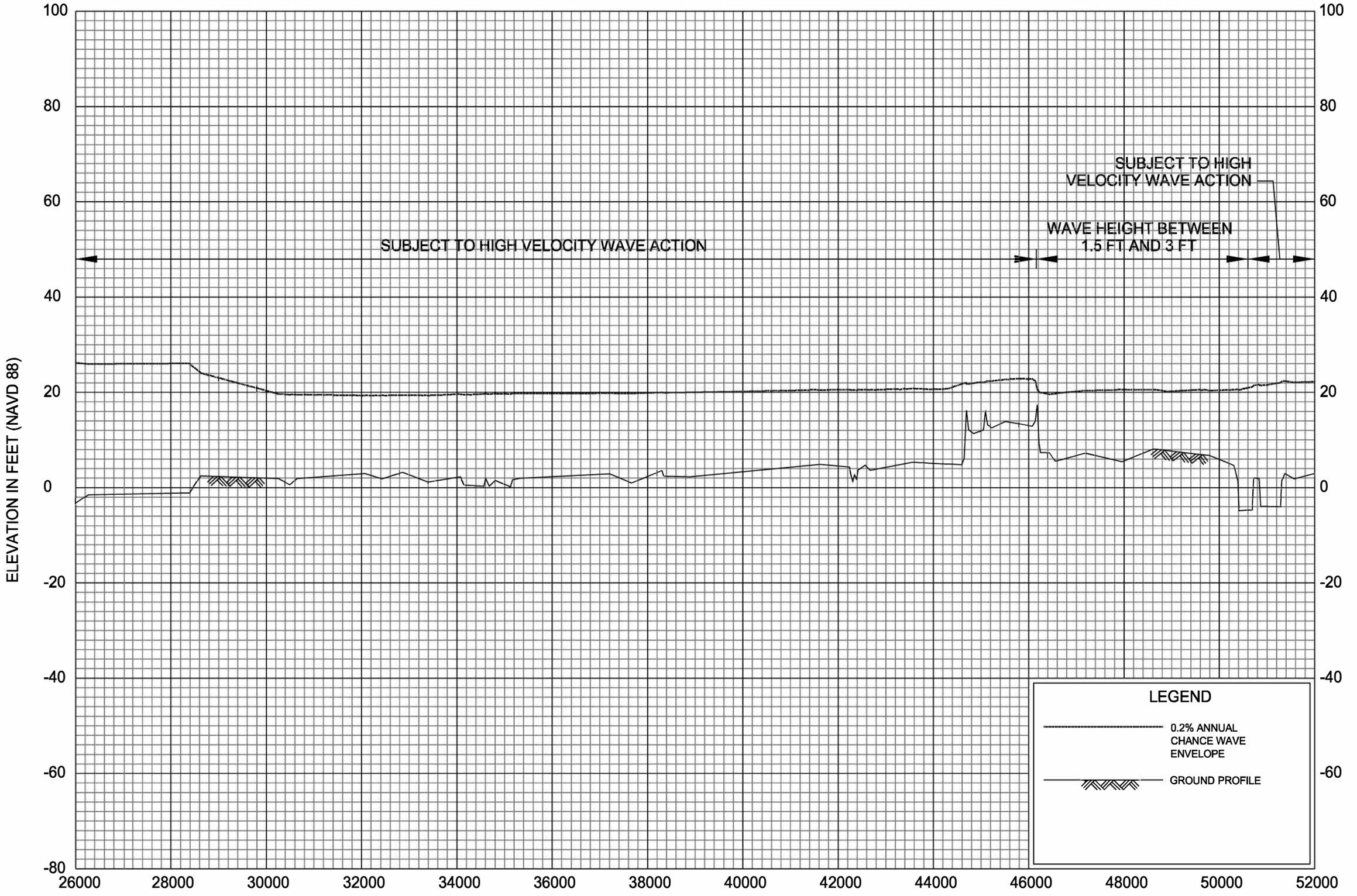
TRANSECT 36

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

195P



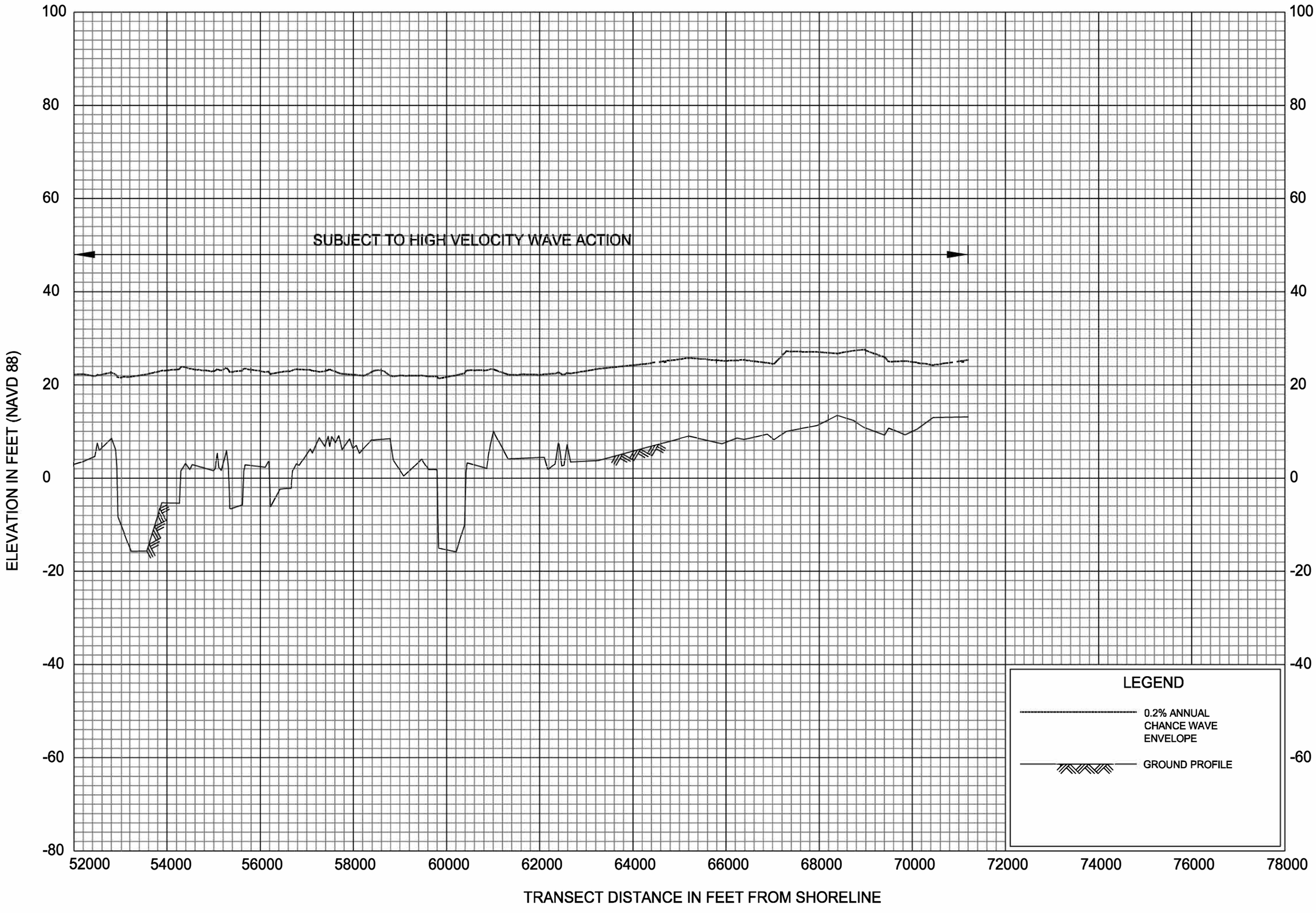
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 36

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS



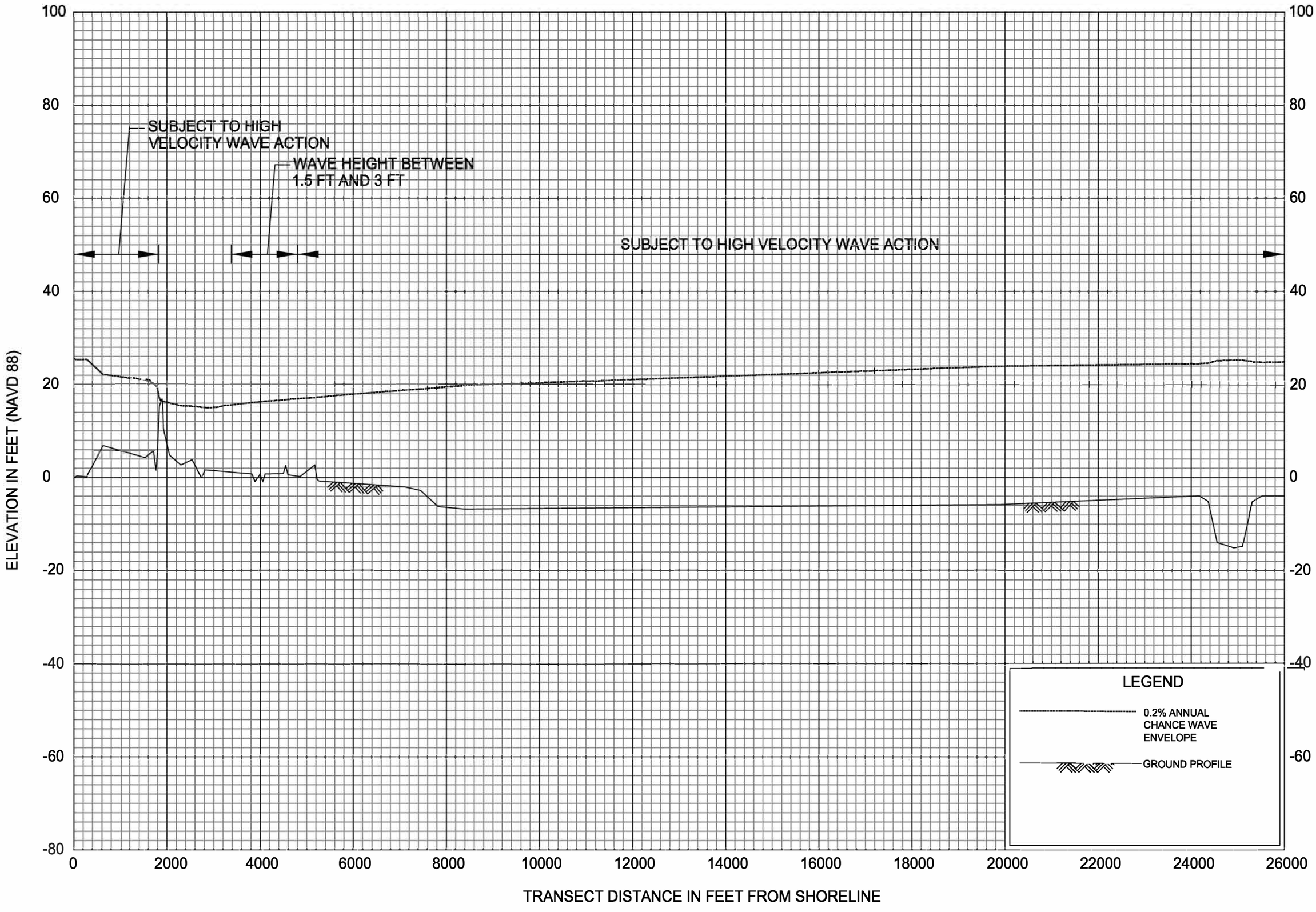
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 36

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX AND INCORPORATED AREAS

197P



0.2% ANNUAL CHANCE WAVE ENVELOPE

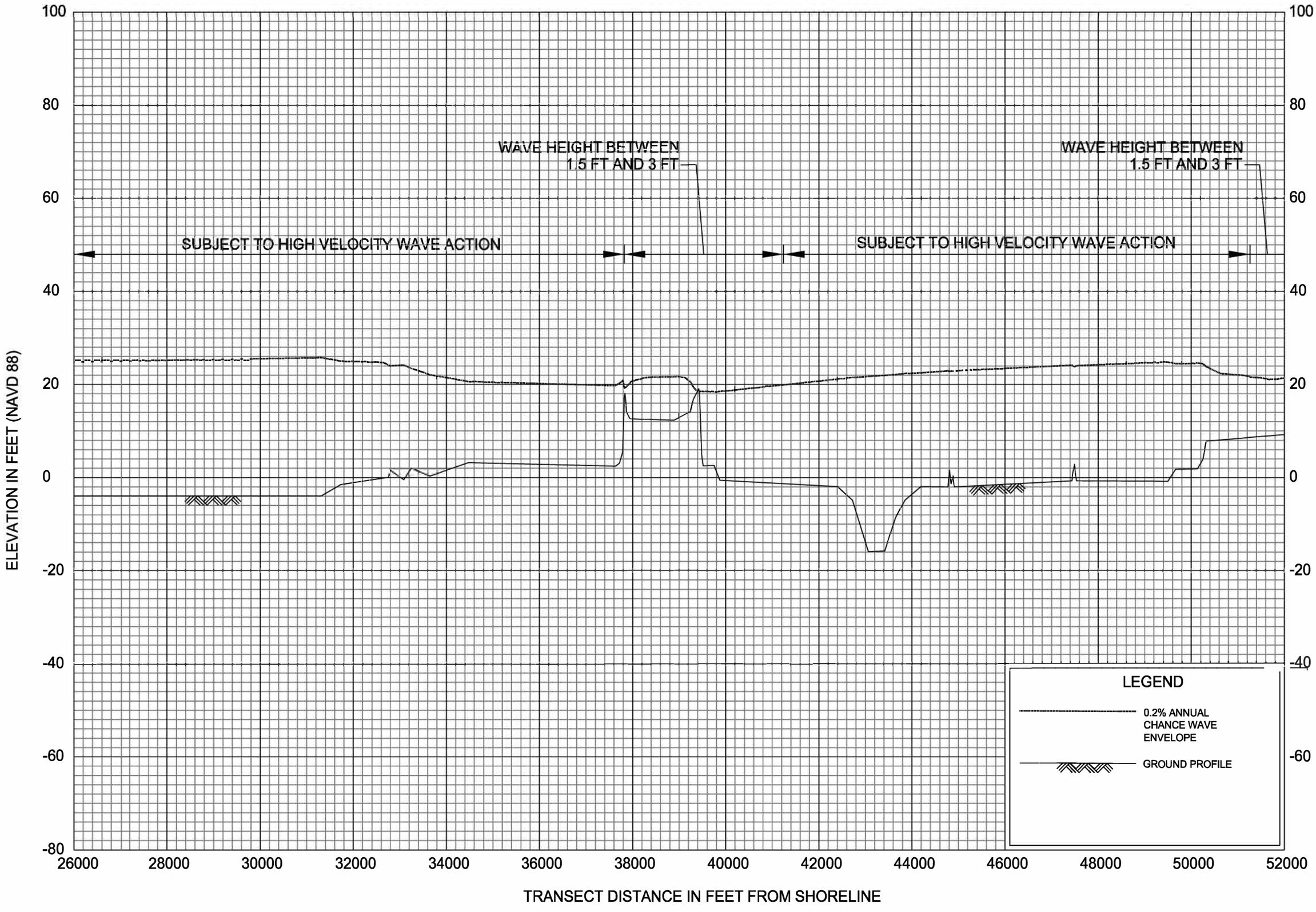
TRANSECT 37

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

198P



0.2% ANNUAL CHANCE WAVE ENVELOPE

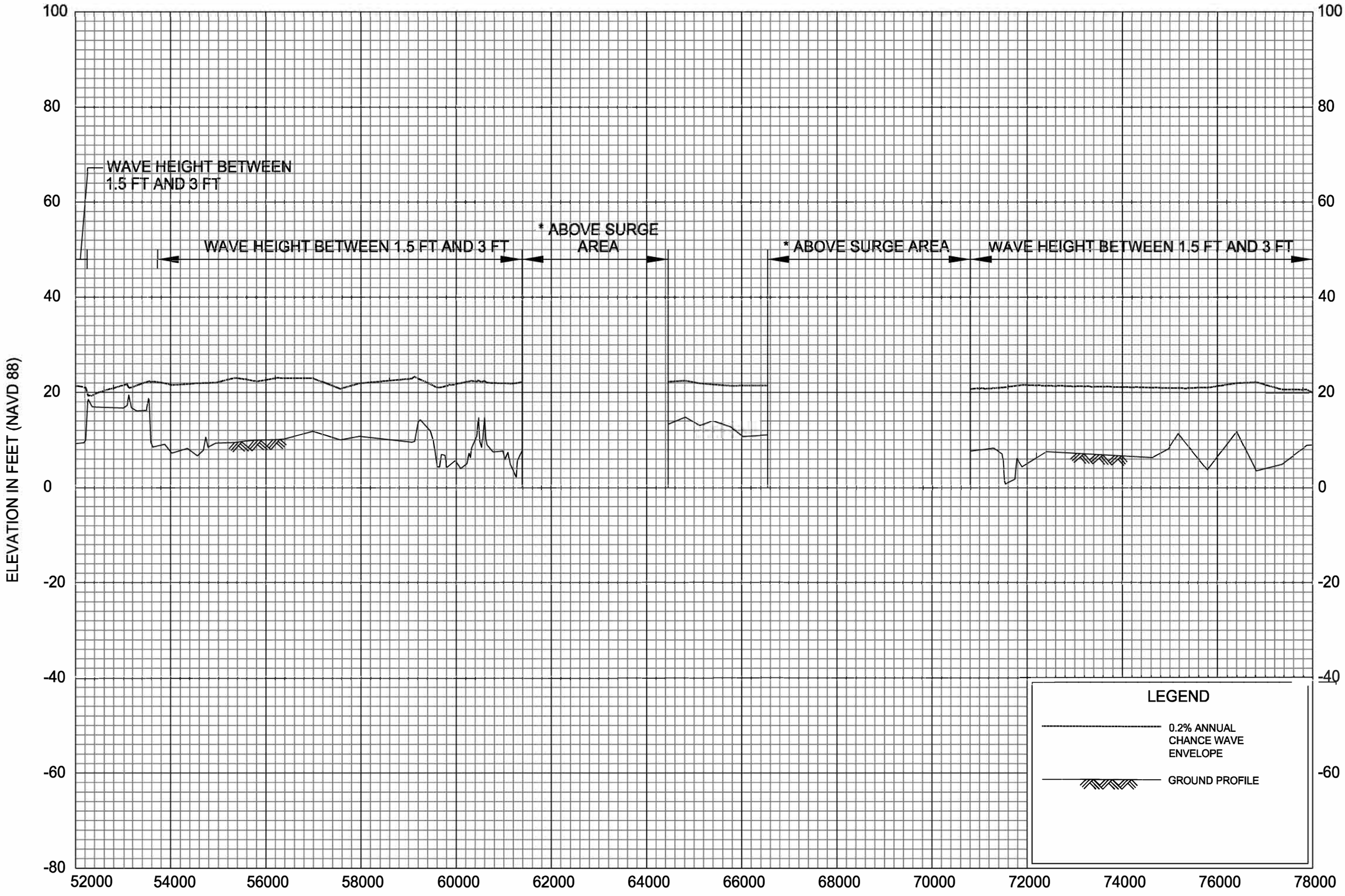
TRANSECT 37

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

199P



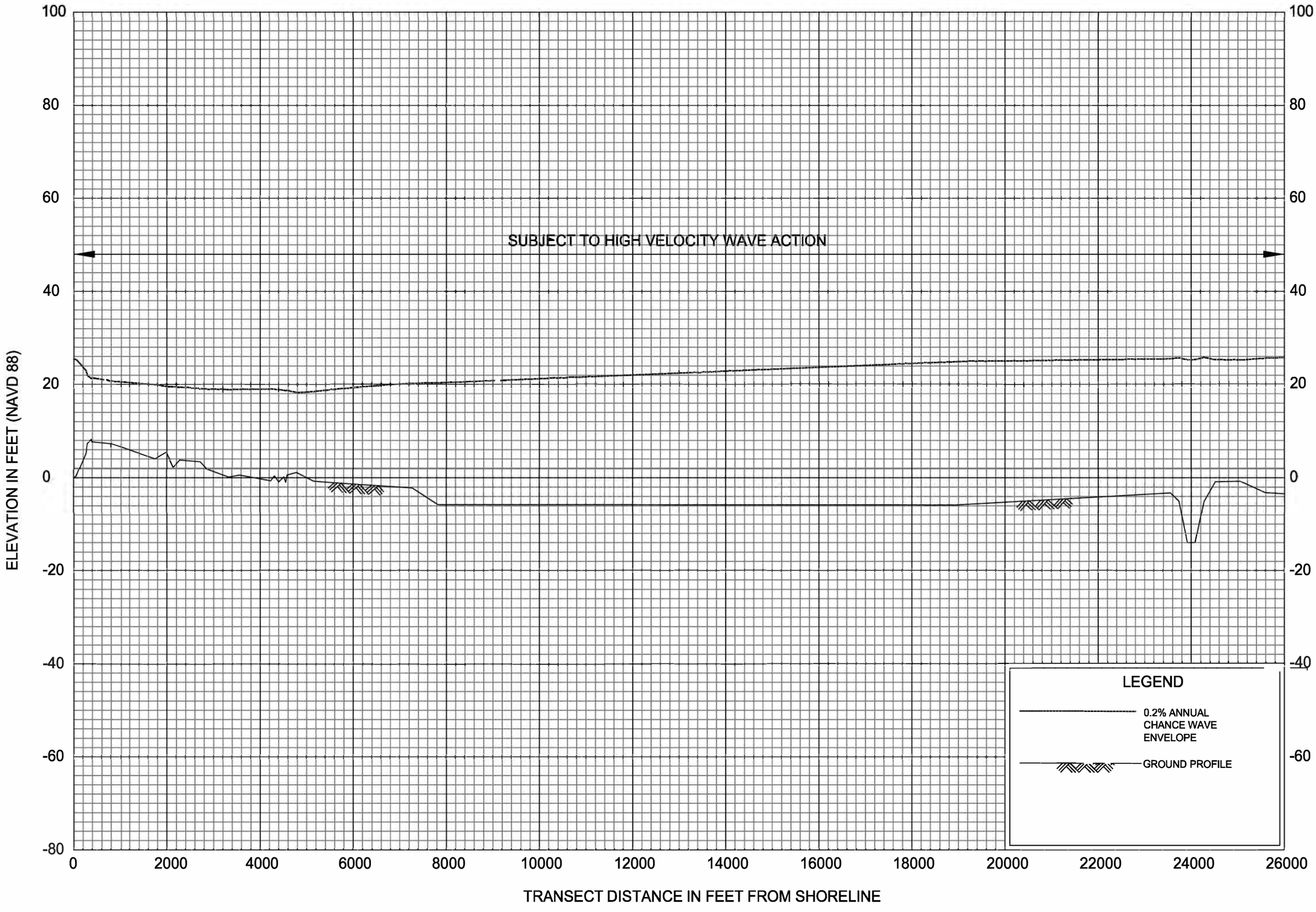
0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 37

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

200P



0.2% ANNUAL CHANCE WAVE ENVELOPE

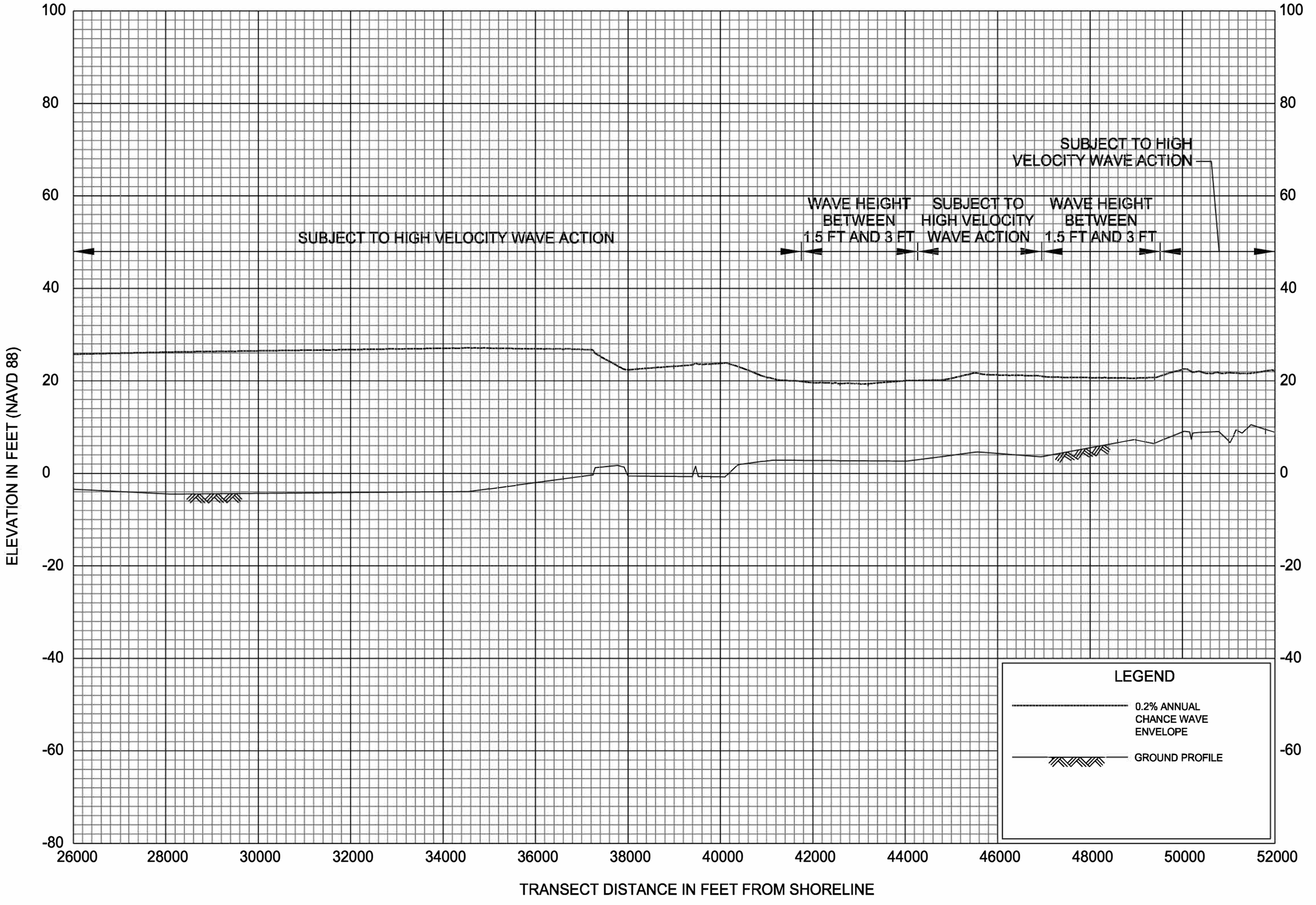
TRANSECT 38

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

201P



0.2% ANNUAL CHANCE WAVE ENVELOPE

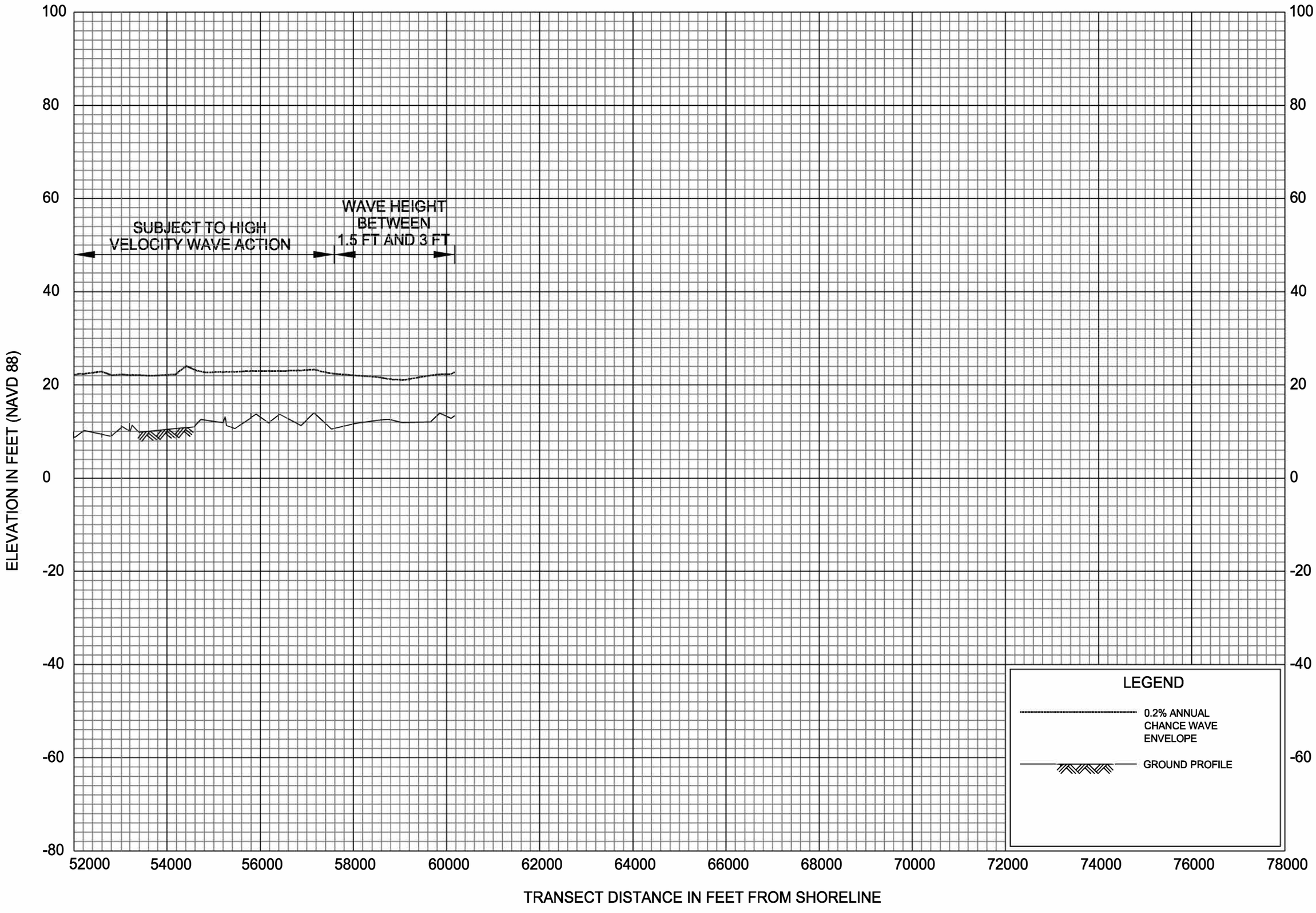
TRANSECT 38

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

202P



0.2% ANNUAL CHANCE WAVE ENVELOPE

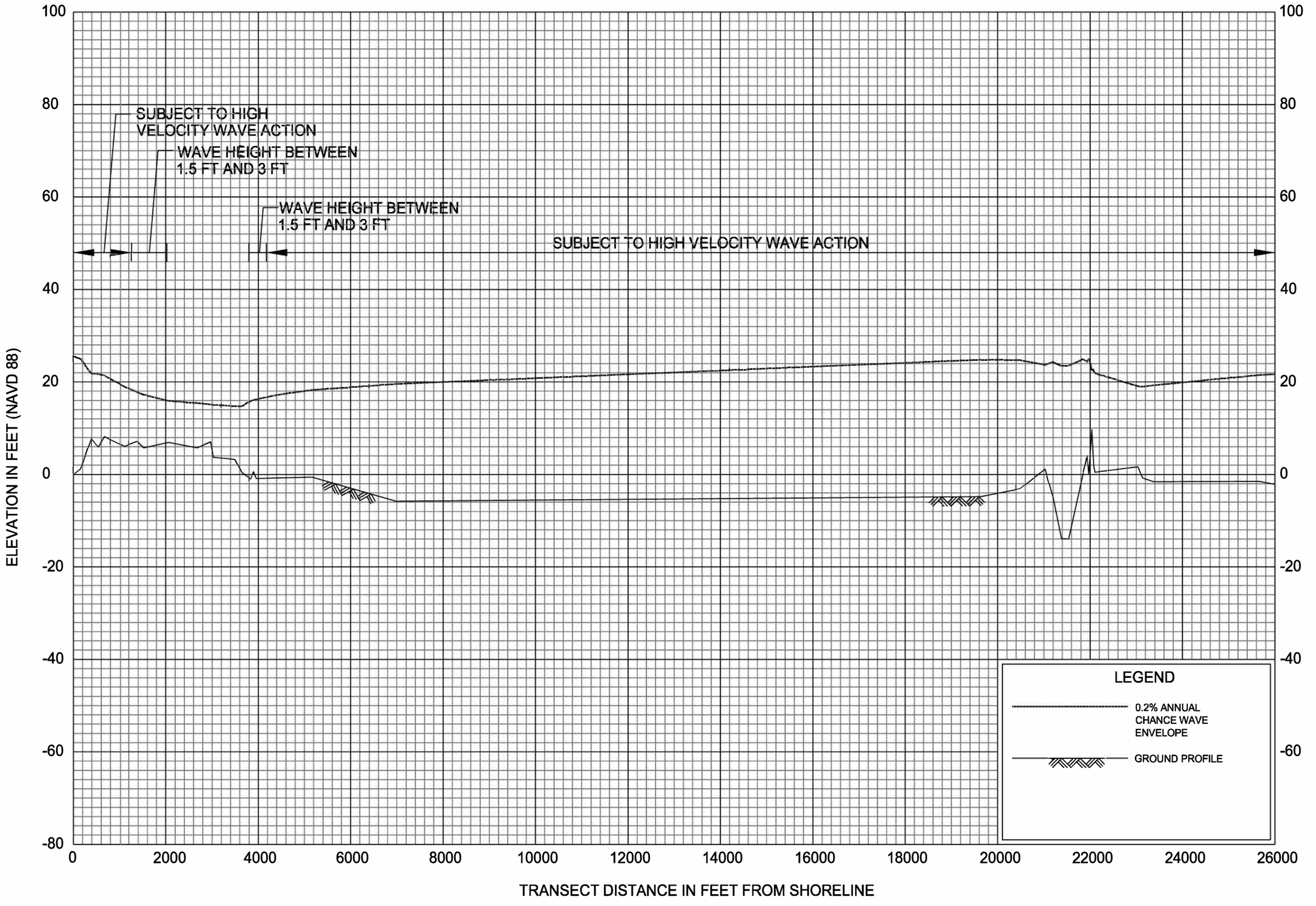
TRANSECT 38

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

203P



0.2% ANNUAL CHANCE WAVE ENVELOPE

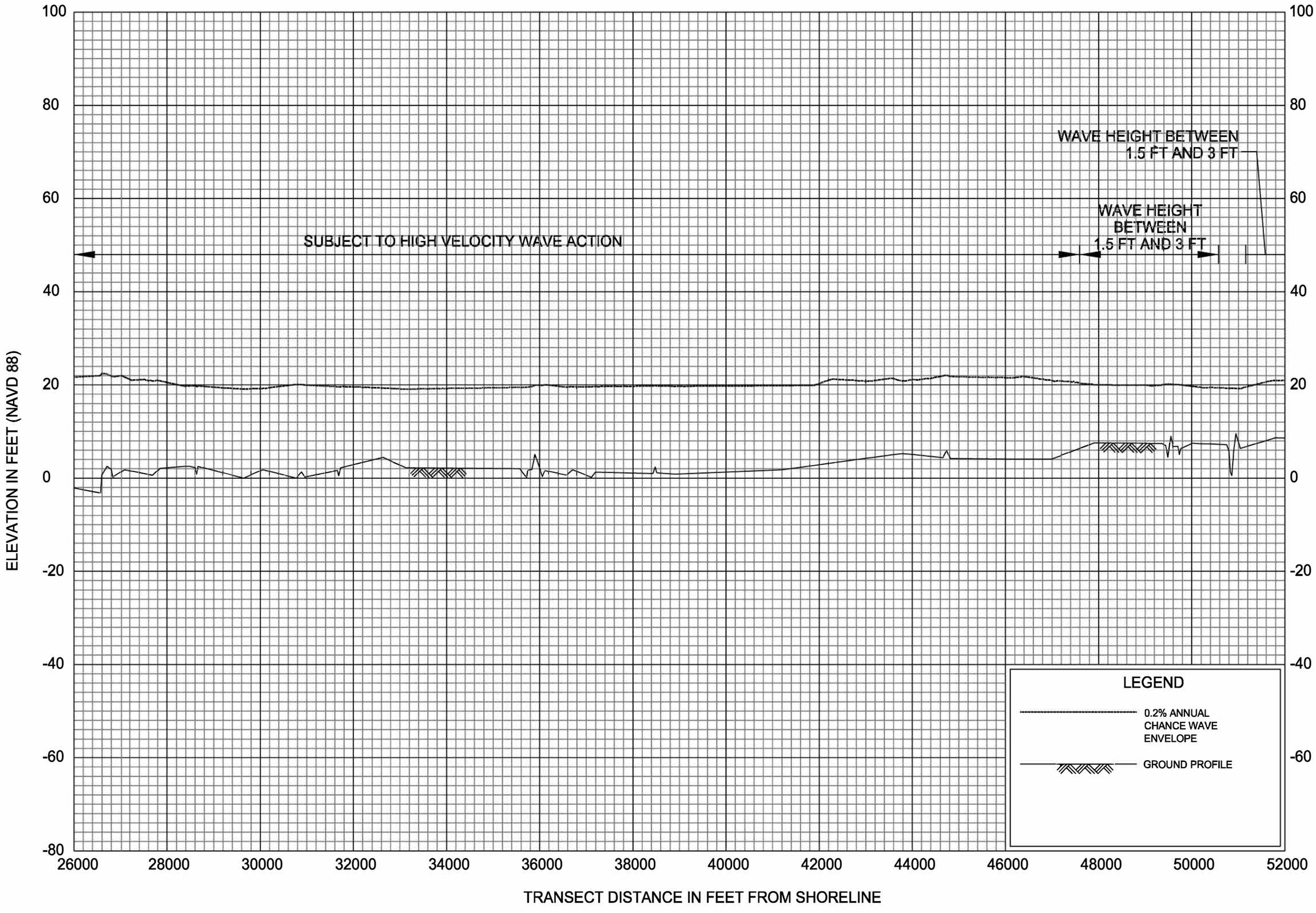
TRANSECT 39

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

204P



0.2% ANNUAL CHANCE WAVE ENVELOPE

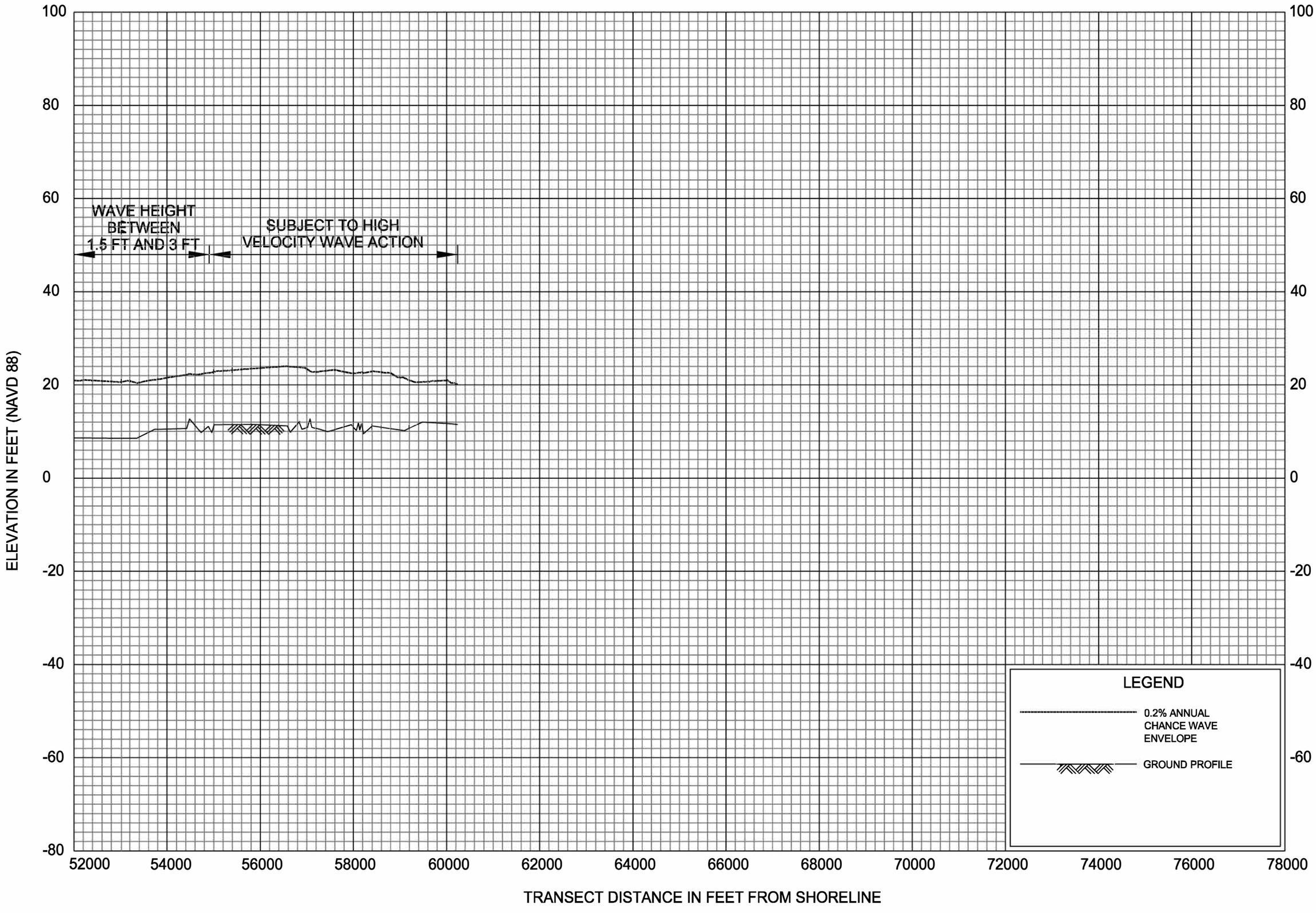
TRANSECT 39

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

205P



0.2% ANNUAL CHANCE WAVE ENVELOPE

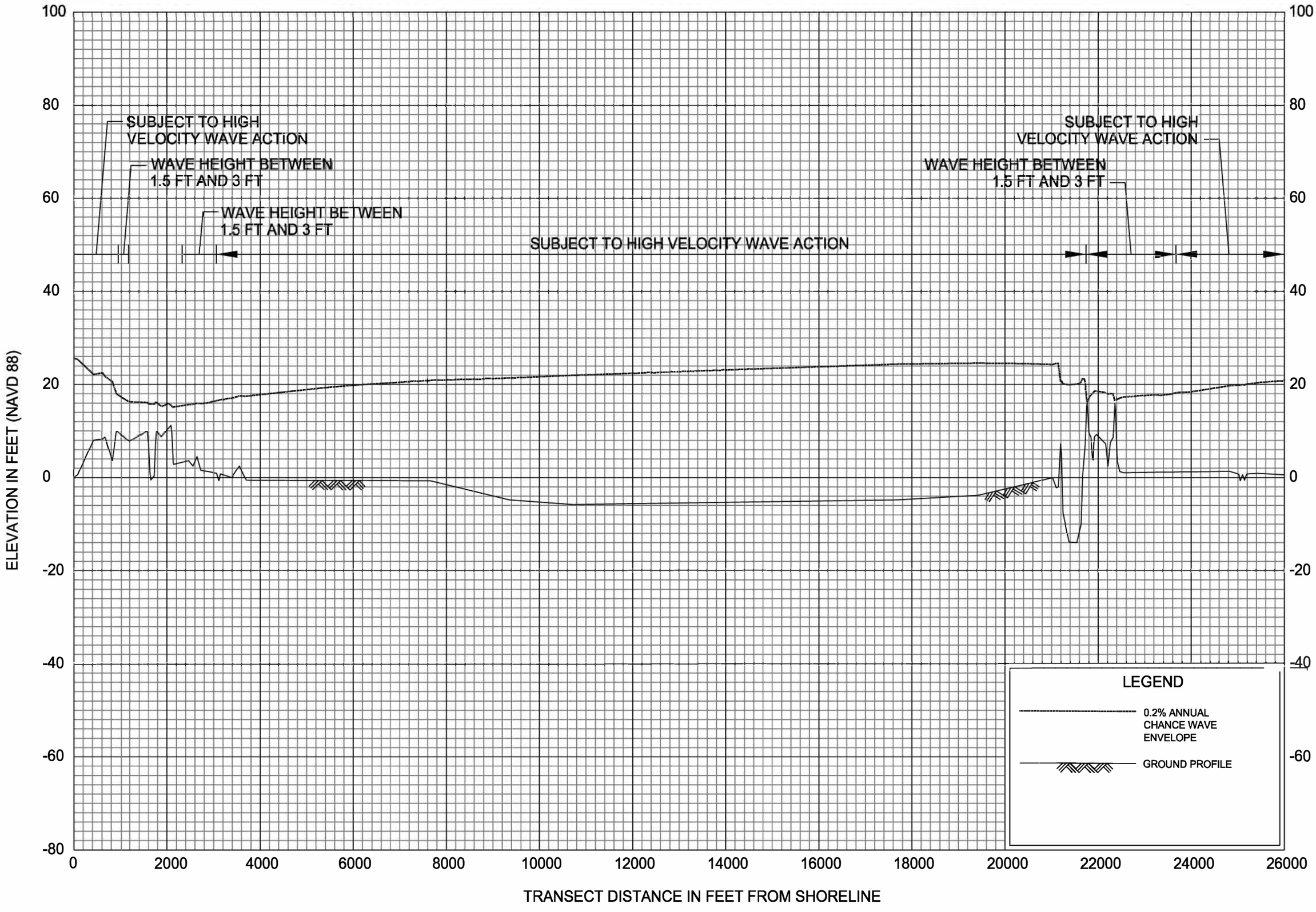
TRANSECT 39

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

206P



0.2% ANNUAL CHANCE WAVE ENVELOPE

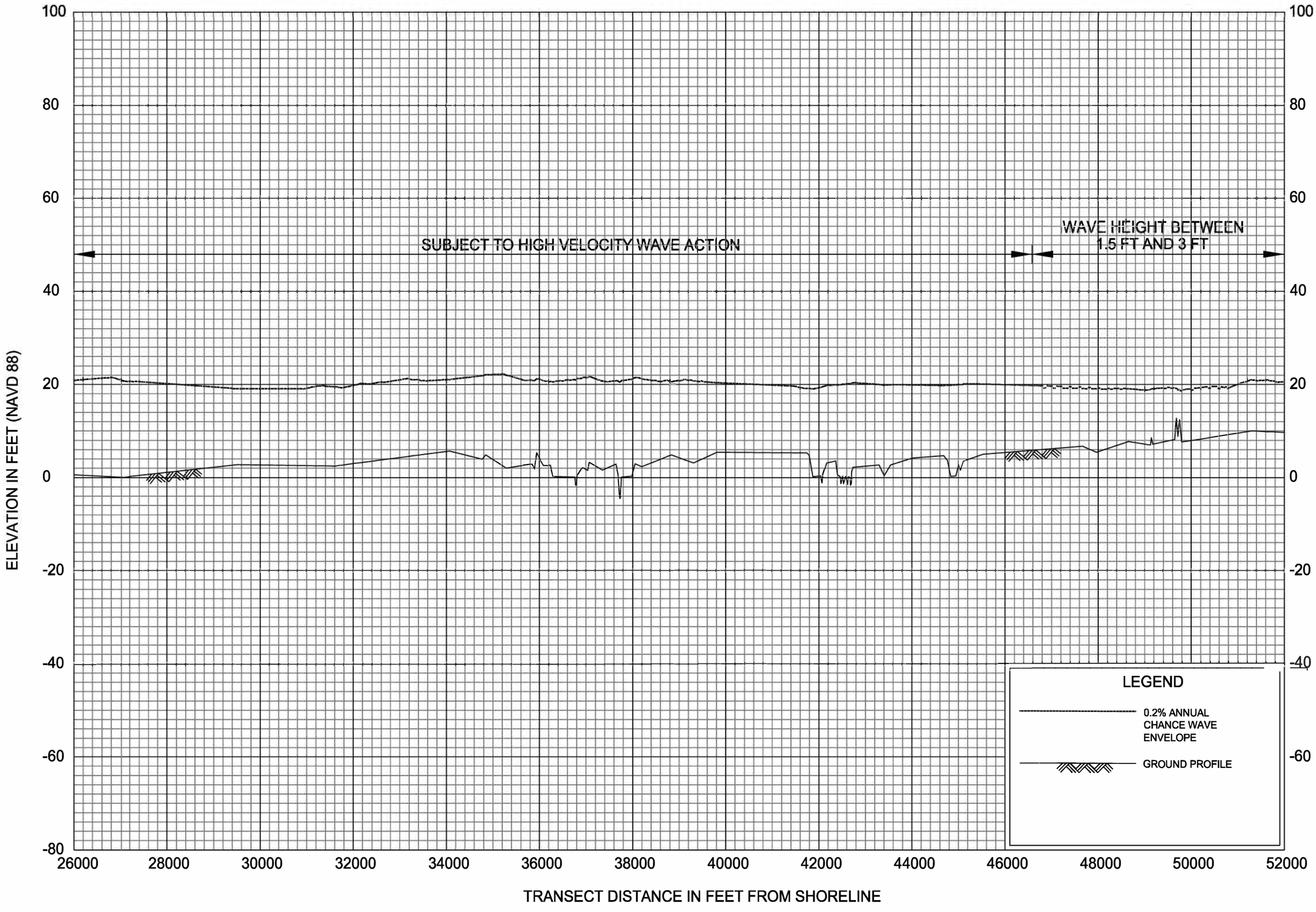
TRANSECT 40

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

207P



0.2% ANNUAL CHANCE WAVE ENVELOPE

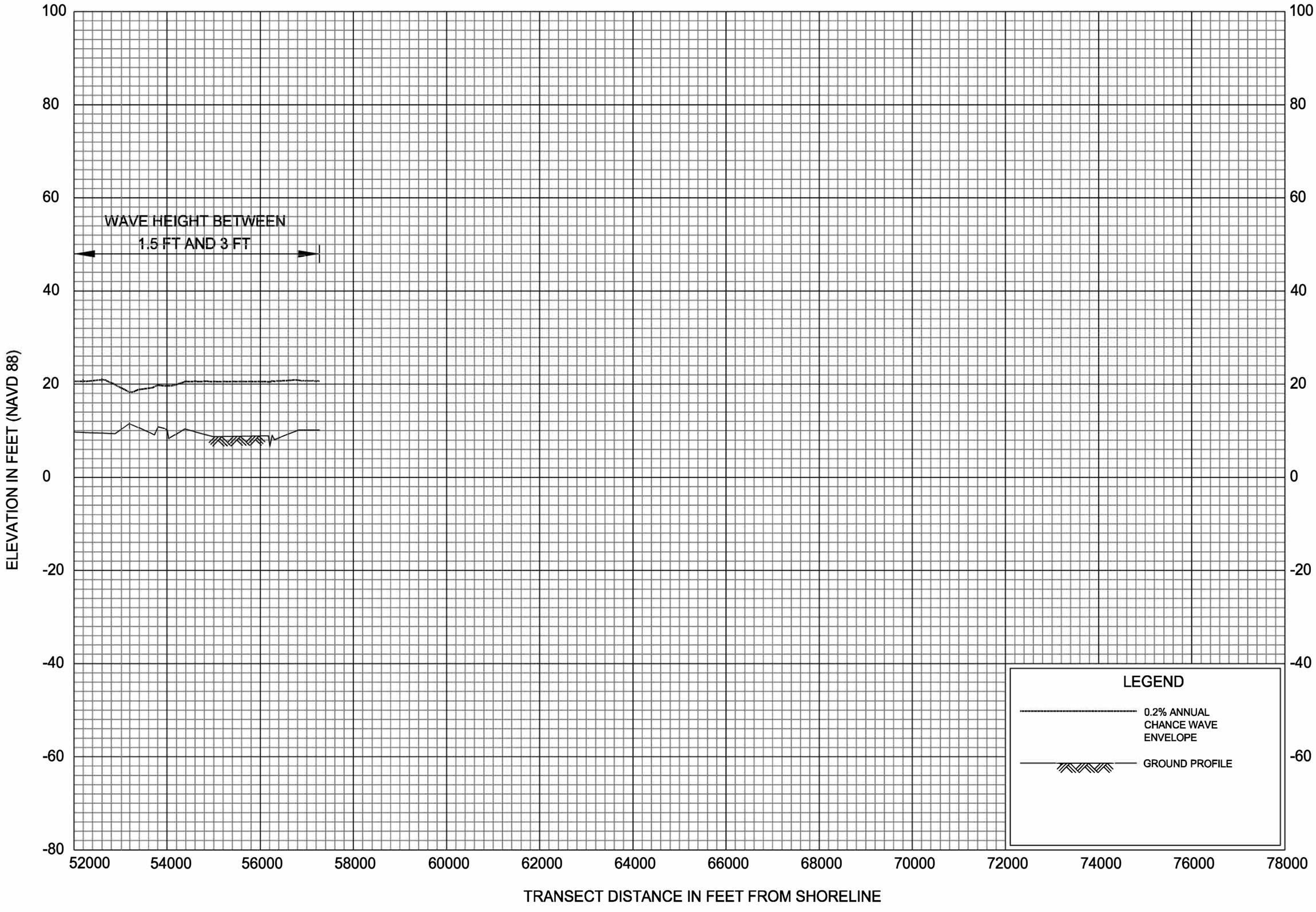
TRANSECT 40

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX

AND INCORPORATED AREAS

208P



0.2% ANNUAL CHANCE WAVE ENVELOPE

TRANSECT 40

FEDERAL EMERGENCY MANAGEMENT AGENCY

BRAZORIA COUNTY, TX
AND INCORPORATED AREAS

209P