

Miller Engineers & Associates, Inc.
 Consulting Engineers & Land Surveyors
 601 Main Street P.O. Box 223
 Franklin, La. 70538

TEXAS BRINE
 BAYOU CORNE/GRAND BAYOU SINKHOLE
 PLAN AND PROFILE

APRIL 2014
 PLAN & PROFILE

AERIAL IMAGE TAKEN ON 3/10/14.
 04-15-14 SURVEY NOTES:
 1) Bottom layer of debris encountered at approximately -180'.
 2) Water visibility observed to a depth of approximately -10'.
 3) Bottom elevation by fathometer was approximately -180'.
 4) Bottom elevation by wireline was approximately -206'.

WEIGHTED WIRELINE MEASUREMENTS ... (TAKEN ON 04/15)

ROD SOUNDING LOCATION ... (TAKEN ON 04/15)

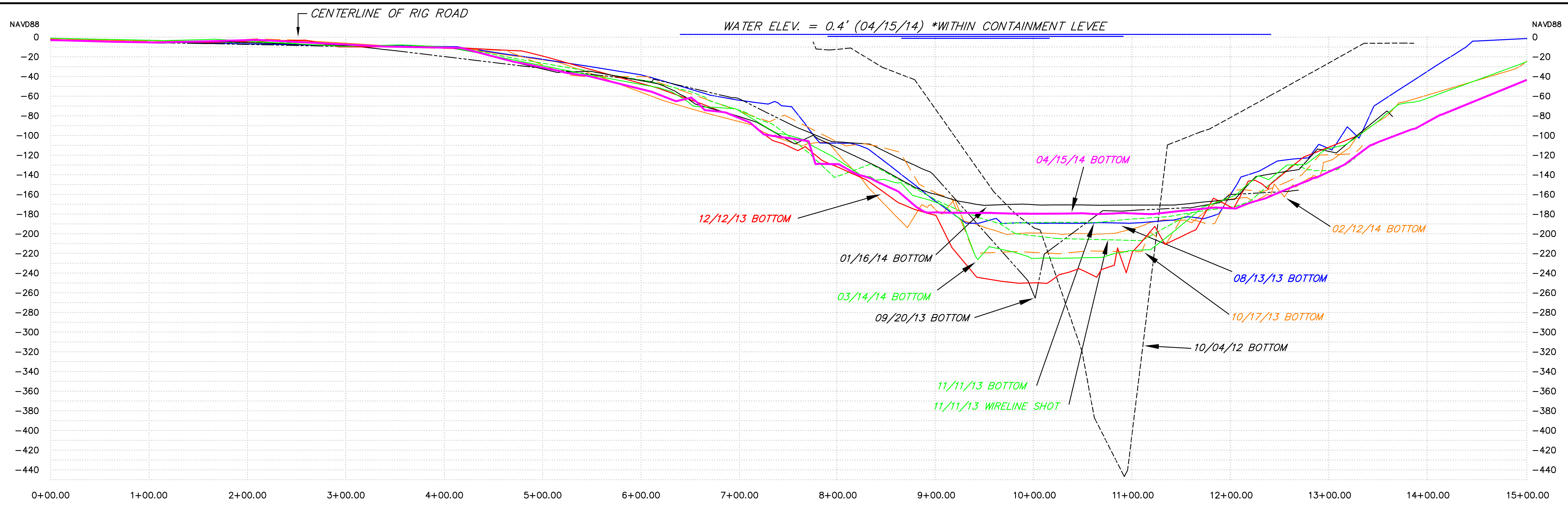
AREA & VOLUME CALCULATIONS:
 USING THE LIMITS OF THE -10' CONTOUR AS SHOWN AND AN UPPER ELEVATION LIMIT OF -2.0', THE SINKHOLE RAW INTERNAL VOLUME MEASURES APPROXIMATELY 3,264,127 CU. YDS.
 USING THE LIMITS OF THE SURVEY AND WITH AN UPPER ELEVATION LIMIT OF -2.0', THE SUBSIDENCE AREA (-2' TO -10') RAW INTERNAL VOLUME MEASURES APPROXIMATELY 117,884 CU. YDS.

APPROXIMATE AREA OF -10.0' CONTOUR = 32.2 ACRES
 APPROXIMATE SUBSIDENCE AREA = 23.0+ ACRES
 TOTAL AREA = 55.2+ ACRES
 NOTE: CONTAINMENT ROAD NOT USED IN CONTOURS AND VOLUME CALCULATIONS.

Drawn: M. J. Fore, PLS
 Designed:
 Approved:
 Date: 10/04/2012
 Project No: 13512
 Scale: As Shown
 Revised: 04/16/14
 Sheet 1 of 3

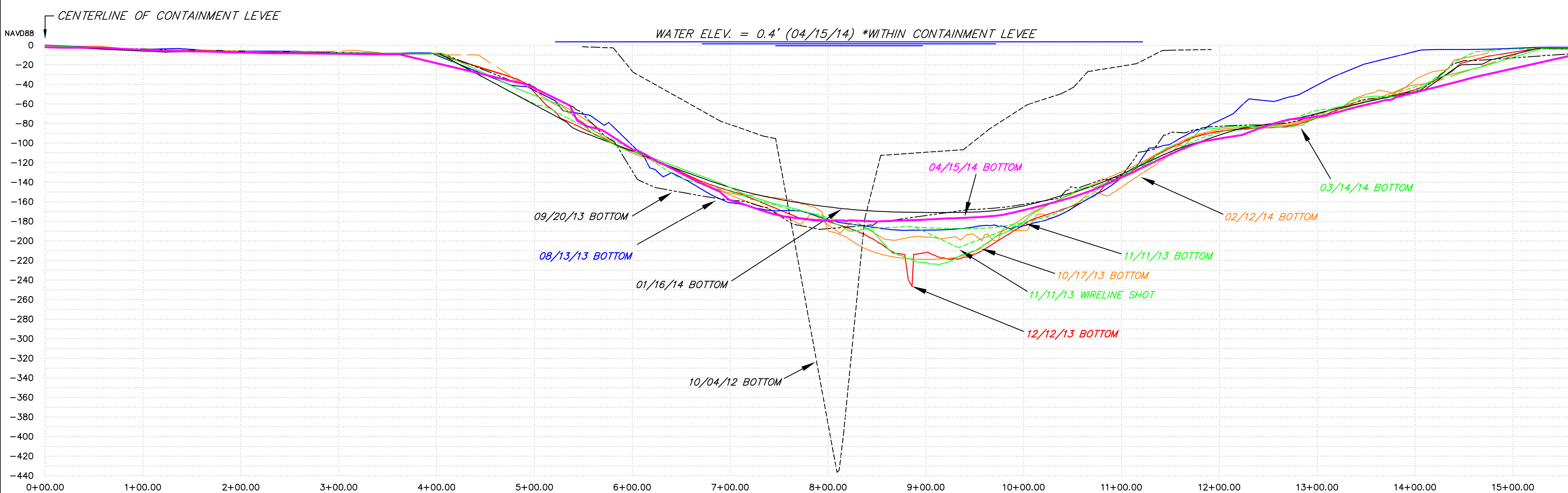


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CROSS SECTION W-E

PROFILE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=50'



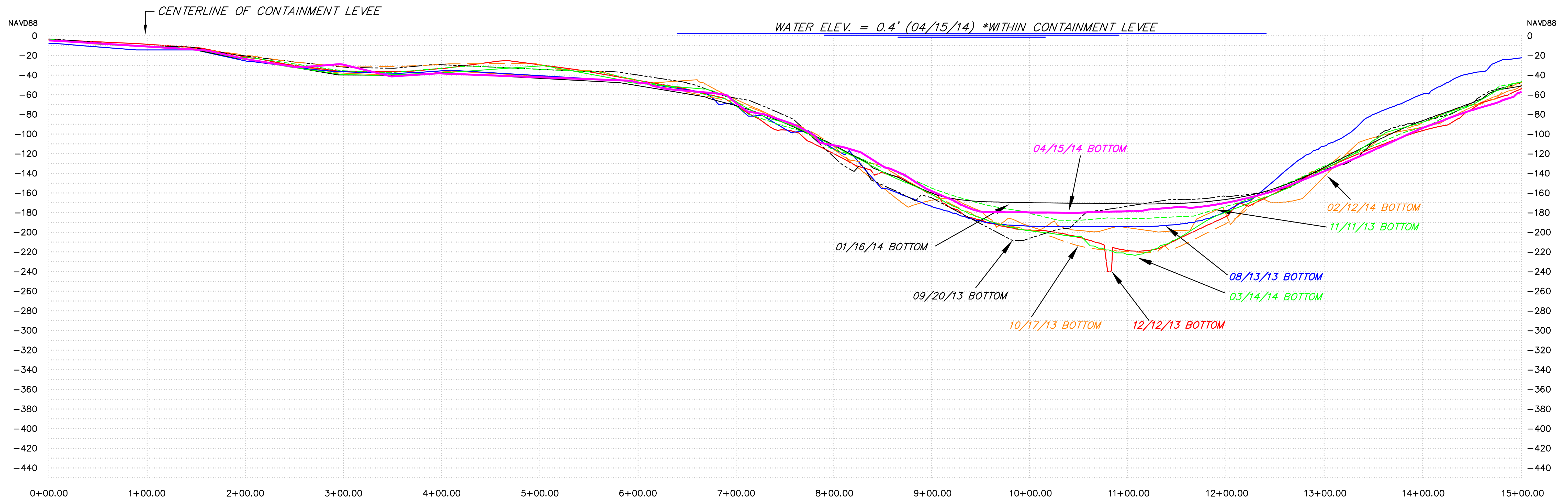
CROSS SECTION S-N

PROFILE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=50'

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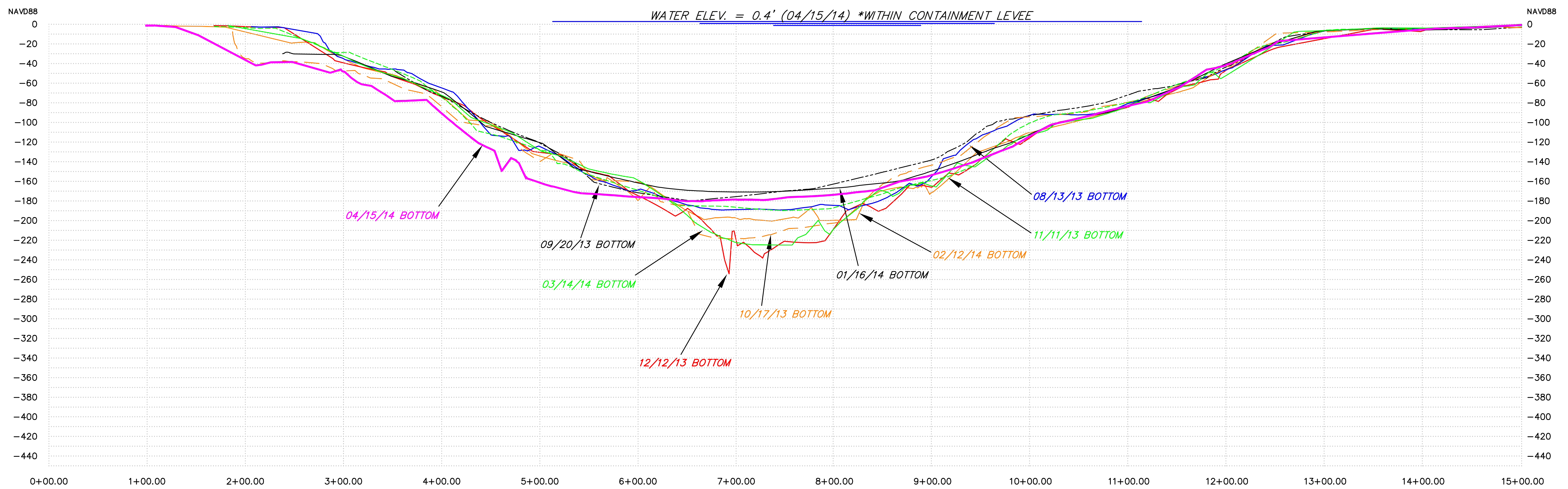
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CROSS SECTION SSW-NNE

PROFILE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=50'



CROSS SECTION SSE-NNW

PROFILE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=50'



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