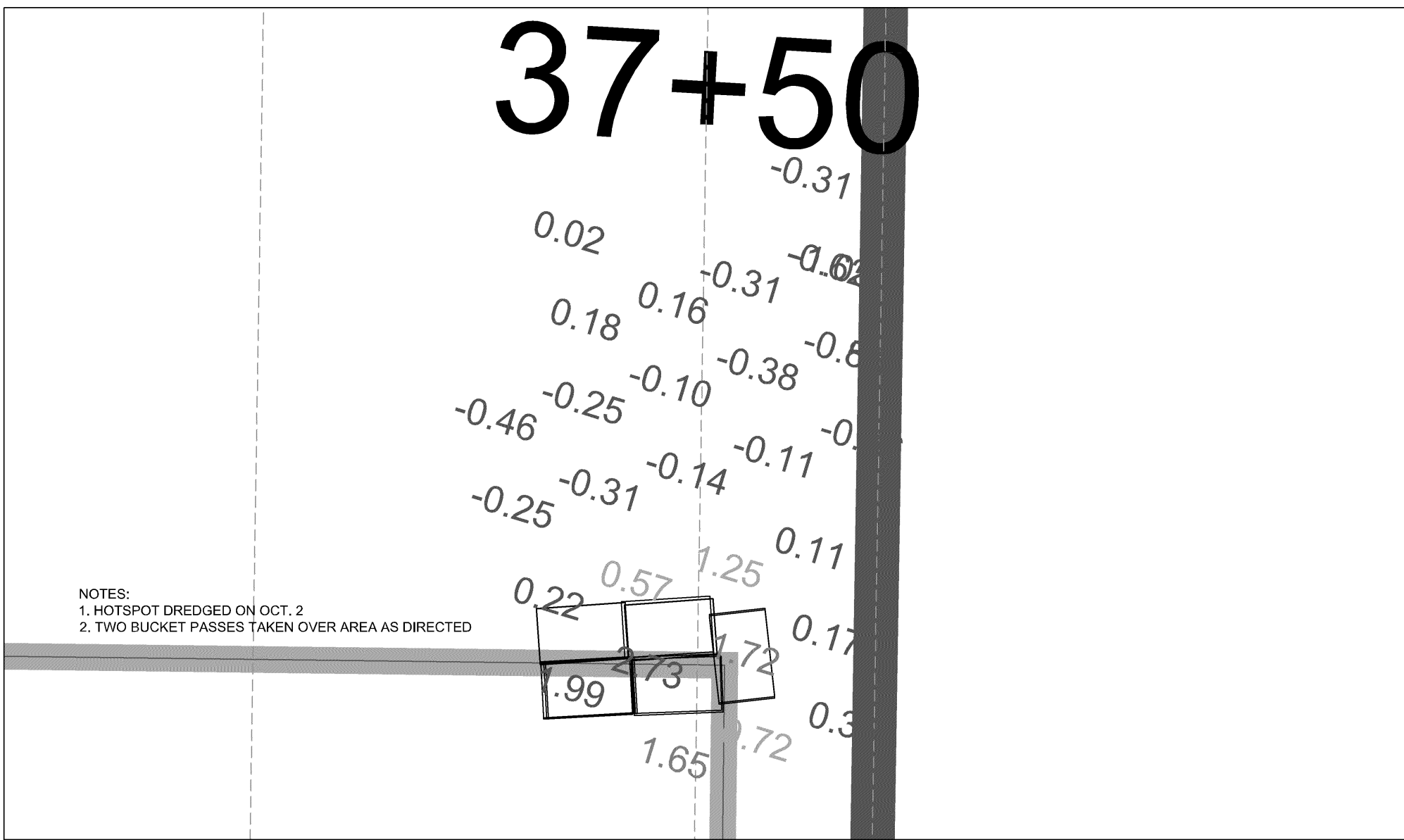

NOTES:
1. HOTSPOT DREDGED ON OCT. 2
2. TWO BUCKET PASSES TAKEN OVER AREA AS DIRECTED

BD-CND DIFF
< 0.49'
0.50'-0.99'
1.00-1.24'
1.25'-1.49'
1.50'-1.74'
1.75'-2.33'
>= 2.34'

NOTES:
1. DEPTH CONTOURS IN NGVD29
2. 0.00 MLW = -1.811 NGVD29 @ BELLEVILLE, NJ
3. HYDROGRAPHIC DATA COLLECTED ON OCT. 5

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)
1 inch = 10 ft.

OPERATOR / CONDITIONS	
SURVEY DATE:	OCT 5
ENGINEER / SURVEYOR:	JM
SURVEY VESSEL:	THE NEWARK BAY
VESSEL OPERATOR:	JC
WEATHER:	CLEAR
TEMPERATURE:	75 F
WIND:	LIGHT AND VARIABLE
SEA:	0 FEET

ELECTRONIC EQUIPMENT	
FATHOMETER:	ODOM HYDROTRAC
FREQUENCY(S):	200 KHZ
HEAVE COMP.:	N/A
POS (AVG):	4865FPS
POSITIONING:	TRIMBLE 855 RTK
BASE LOCATION:	WBA_7
TIDE GAUGE:	N/A
	RTK TIDE USED

PROJECT DETAILS	
HORIZONTAL DATUM:	NAD83
LOCAL GRID:	NEW JERSEY
VERTICAL DATUM:	NGVD29
UNITS HORIZ. / VERT.:	US SURVEY FT
SURVEY/PROJ. CONTROL POINT:	X=
	Y=
	Z=
SURVEY/PROJ. BENCH MARK:	X=
	Y=
	Z=
TIDE STAFF LOCATION:	DEBS/SEA BRIDGE

REVISIONS

DESCRIPTION	DATE

GREAT LAKES DREDGE AND DOCK COMPANY, LLC
2122 York Road Oak Brook IL 60521
CIVIL ENGINEERING/ SURVEYING DIVISION
Phone: 630.574-8000 Fax: 630.574-1515

PROJECT
LOWER PASSAIC RIVER, NJ
STUDY AREA PROJECT, RIVER MILE 10.9

TITLE/SURVEY TITLE
37+50 HOTSPOT DREDGING DIFFERENCE MAP

SCALE	1:10
DATE	OCT. 5, 2013
JOB NUMBER	15368
JOBSITE NO	N/A
FILENAME	37+50 HOTSPOT DIFF SURVEY.dwg
DESIGNED	J. MILLER
DRAWN BY	J. MILLER

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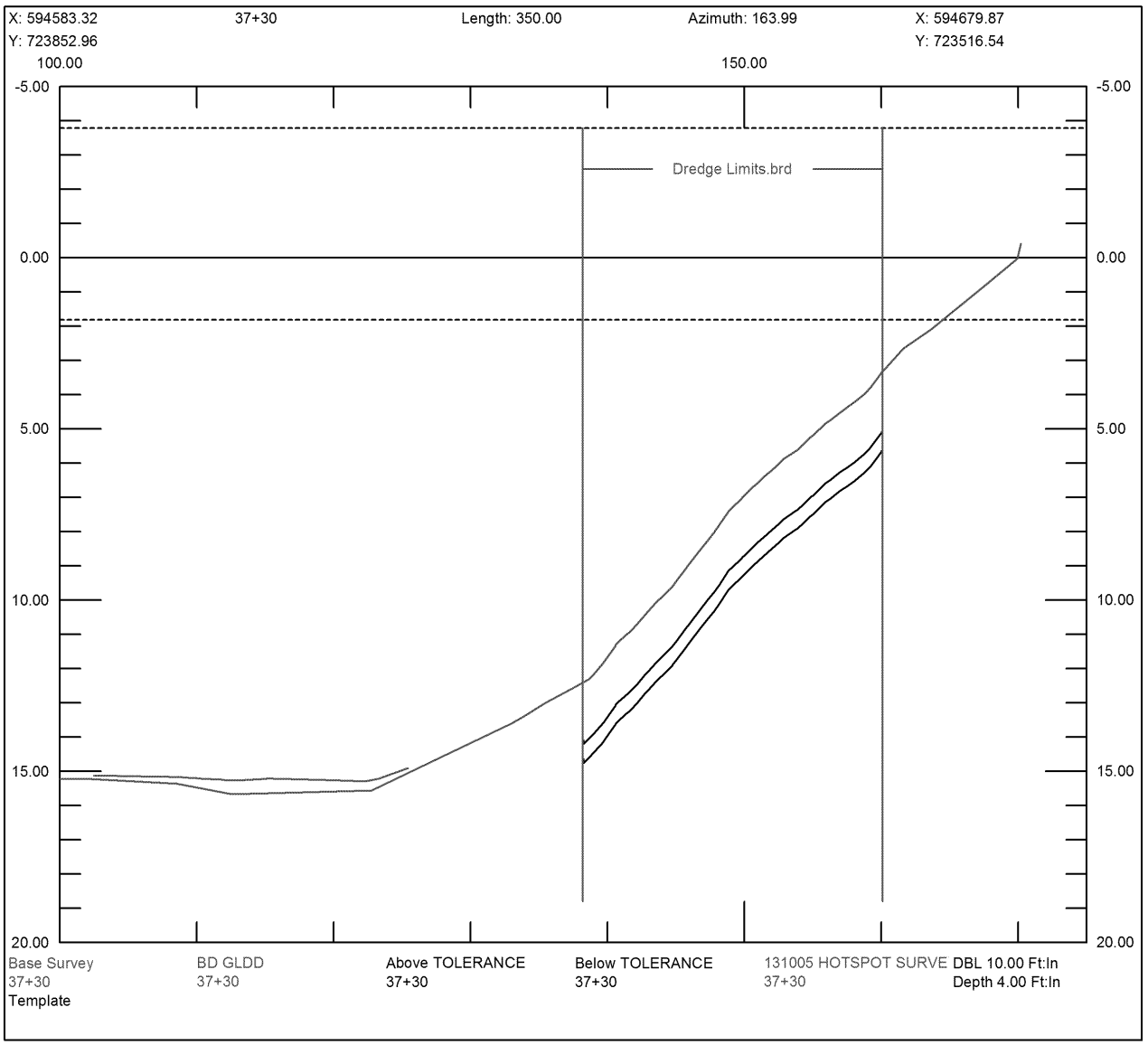
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37+30
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Azimuth: 163.99
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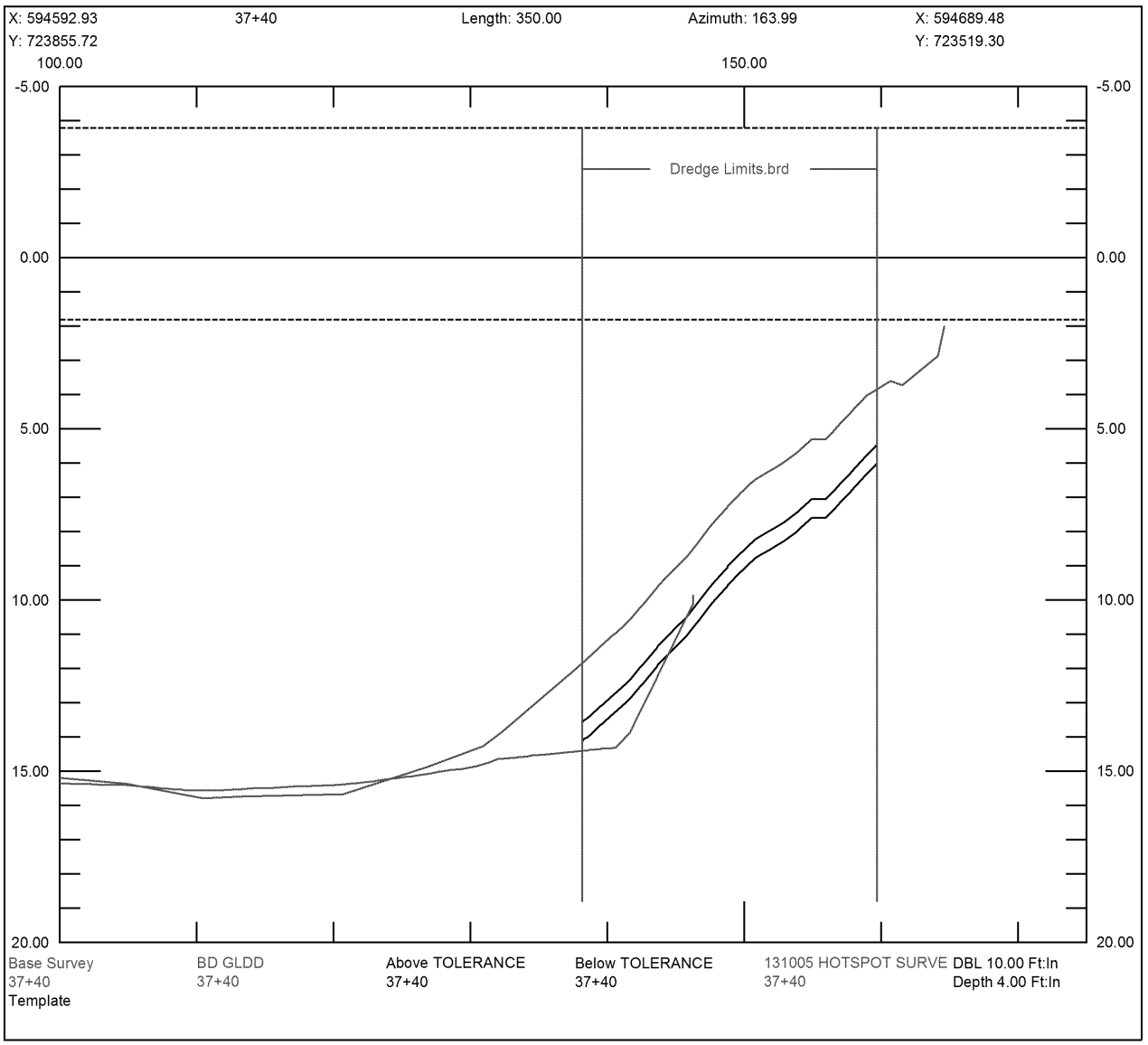
150.00
-5.00
0.00
5.00
10.00
15.00
20.00
Dredge Limits.brd
Base Survey
37+30
Template
BD GLDD
37+30
Above TOLERANCE
37+30
Below TOLERANCE
37+30
131005 HOTSPOT SURVE
37+30
DBL 10.00 Ft:In
Depth 4.00 Ft:In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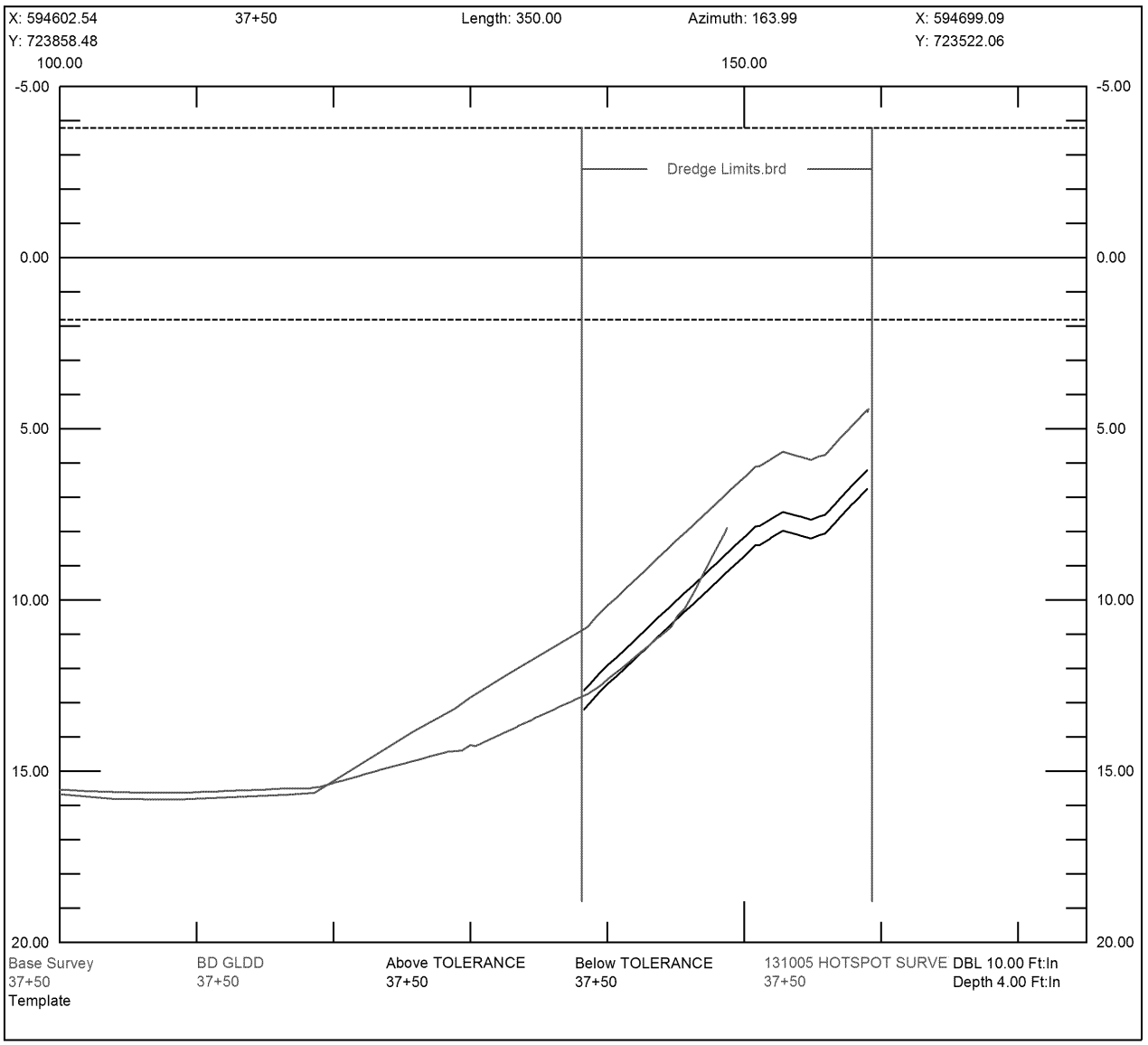
5.00
10.00
15.00
20.00
Dredge Limits.brd
Base Survey
37+40
Template
BD GLDD
37+40
Above TOLERANCE
37+40
Below TOLERANCE
37+40
131005 HOTSPOT SURVE
37+40
DBL 10.00 Ft:In
Depth 4.00 Ft:In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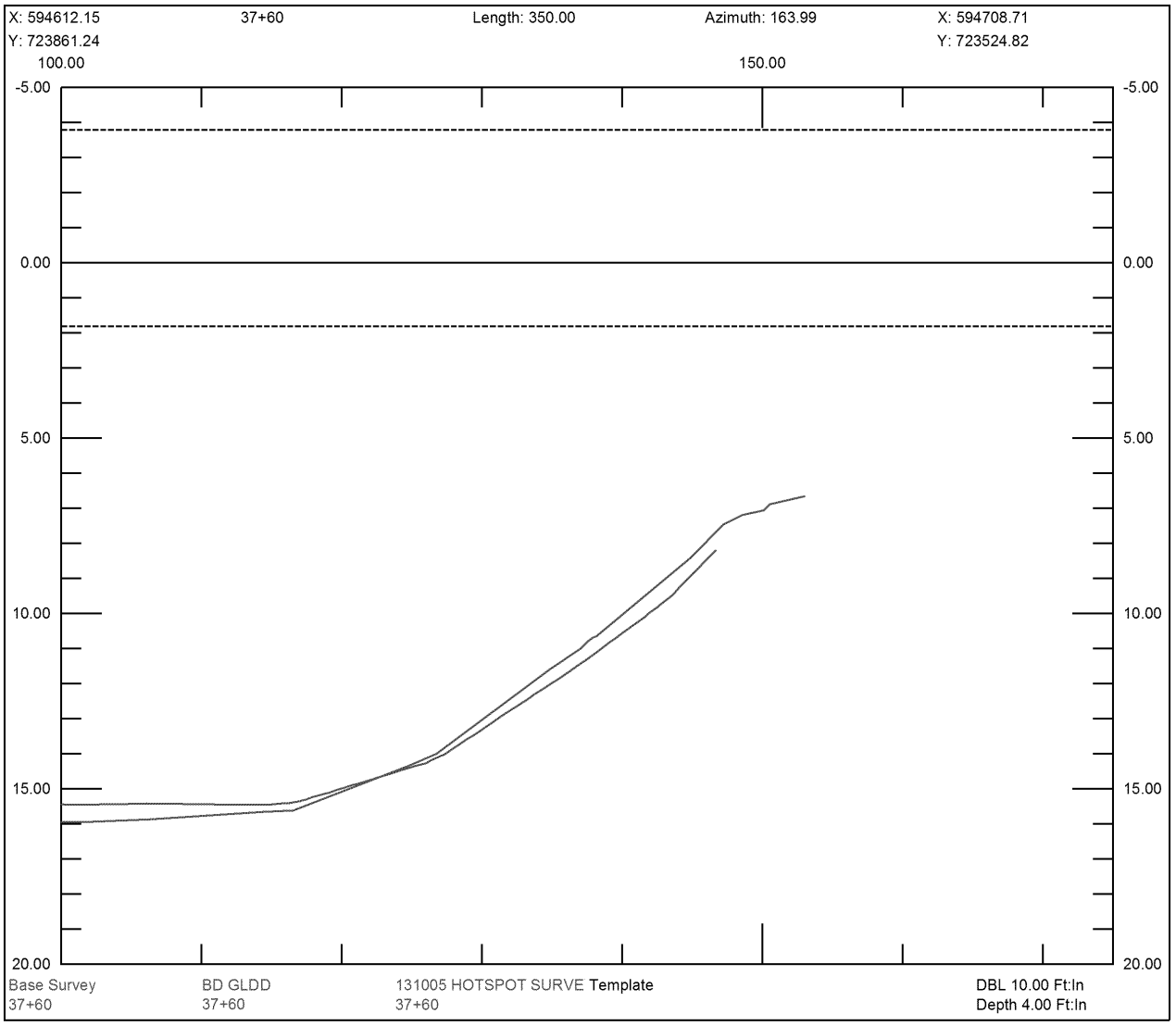
0.00
5.00
10.00
15.00
20.00
Dredge Limits.brd
Base Survey
37+50
Template
BD GLDD
37+50
Above TOLERANCE
37+50
Below TOLERANCE
37+50
131005 HOTSPOT SURVE
37+50
DBL 10.00 Ft:In
Depth 4.00 Ft:In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37+60
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Y: 723524.82
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150.00
-5.00
0.00
5.00
10.00
15.00
20.00
Base Survey
37+60
BD GLDD
37+60
131005 HOTSPOT SURVE Template
37+60
DBL 10.00 Ft:In
Depth 4.00 Ft:In