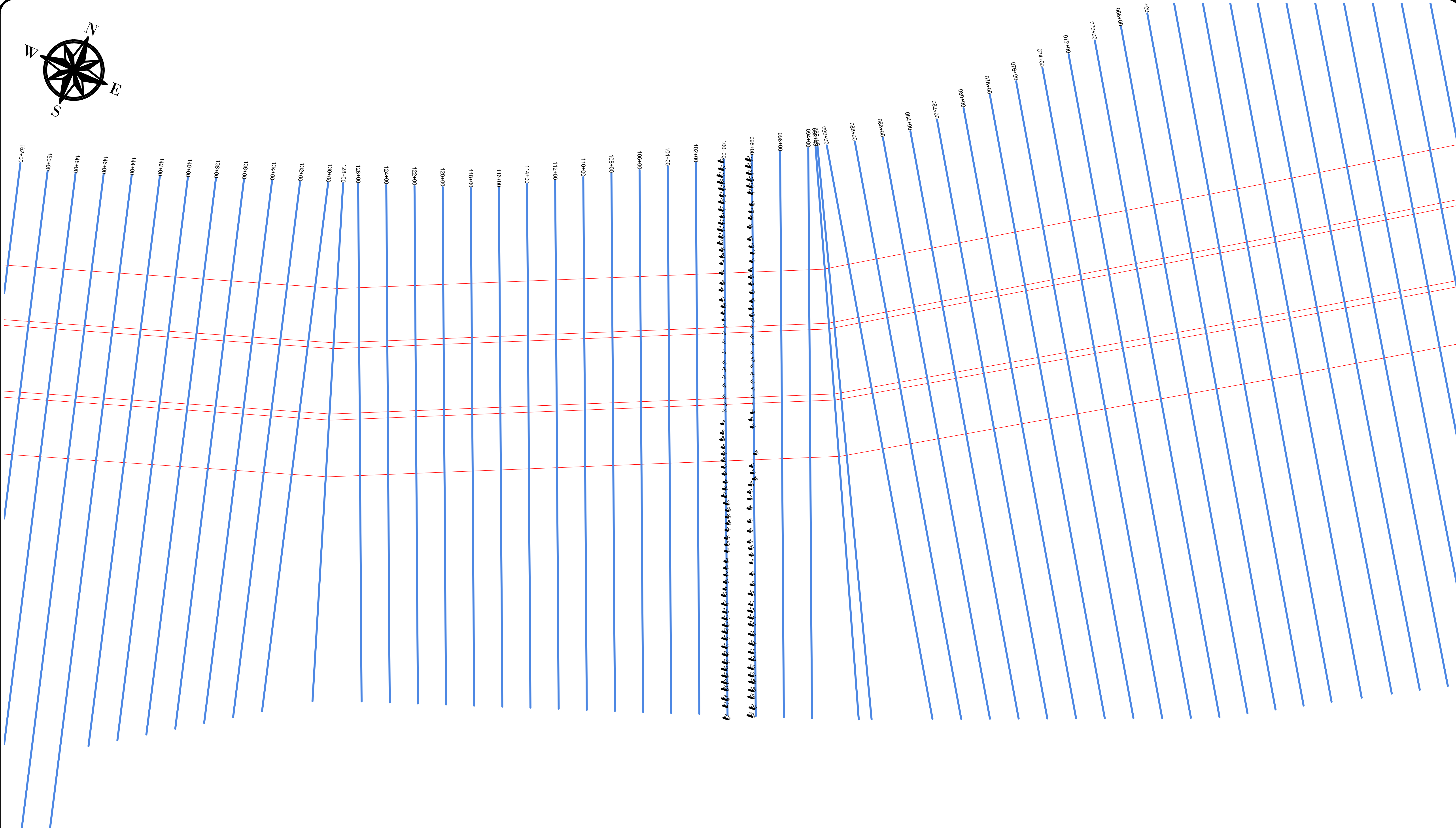
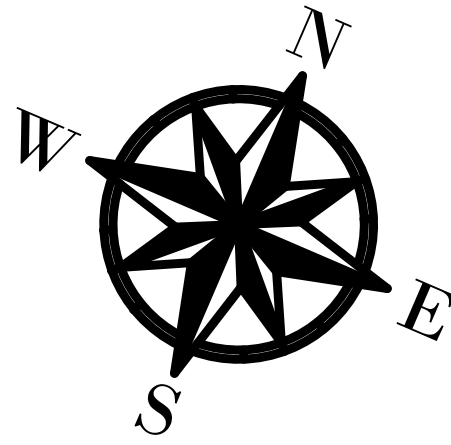


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GREAT LAKES DREDGE AND DOCK COMPANY
2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 98+00 TO 100+00

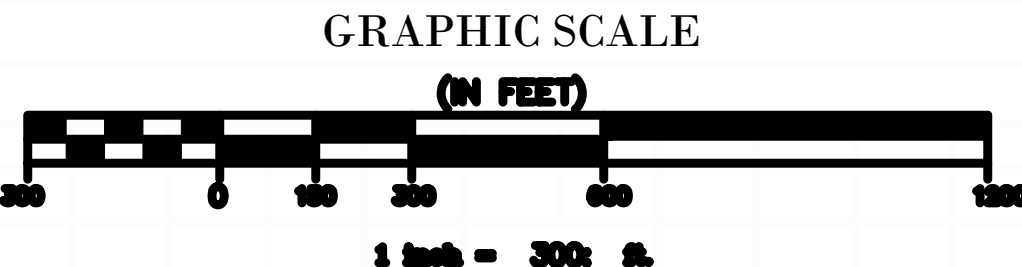
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CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	EMWILLIAMS	SCALE:	1:300
FILE NAME: C:\Users\emwilliams\Desktop\180111 W91278-17-C-0008_BreachFill_STA_98+00_TO_100+00_AD Plan View.dwg					

PROJECT SURVEY METADATA

HORIZONTAL DATUM: NAD 83
LOCAL GRID: MISSISSIPPI
VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: FT. / FT.
SURVEY/PROJ. CONTROL POINT: C-1817A-PC-1
C-1817A-PC-2
C-1817A-PC-3
C-1817A-PC-4
C-1817A-PC-5
C-1817A-PC-6
C-1817A-PC-7
C-1817A-PC-8
C-1817A-PC-9
C-1817A-PC-10
SURVEY/PROJ. BENCH MARK: WEST SHIP ISLAND PIER
TIDE STAFF LOCATION: WEST SHIP ISLAND PIER

OPERATOR / CONDITIONS
SURVEY DATE: 01/09/18, 01/09/18, 01/09/18
ENGINEER / SURVEYOR: CB, MS, JK
SURVEY VESSEL: BLUEPACIFIC BAY
VESSEL OPERATOR: CB
WEATHER: AS NOTED
TEMPERATURE: AS NOTED
WIND: AS NOTED
SEA: AS NOTED

ELECTRONIC EQUIPMENT
FATHOMETER: CV1000F
FREQUENCY: 200KHz & 200KHz
HEAVY COMP.: SNO EACOM-1
SOS (AVD): CASTAWAY VELOCIMETER
GAS30 / RTK
USGS BEACON: N/A
TIDE GAUGE: N/A



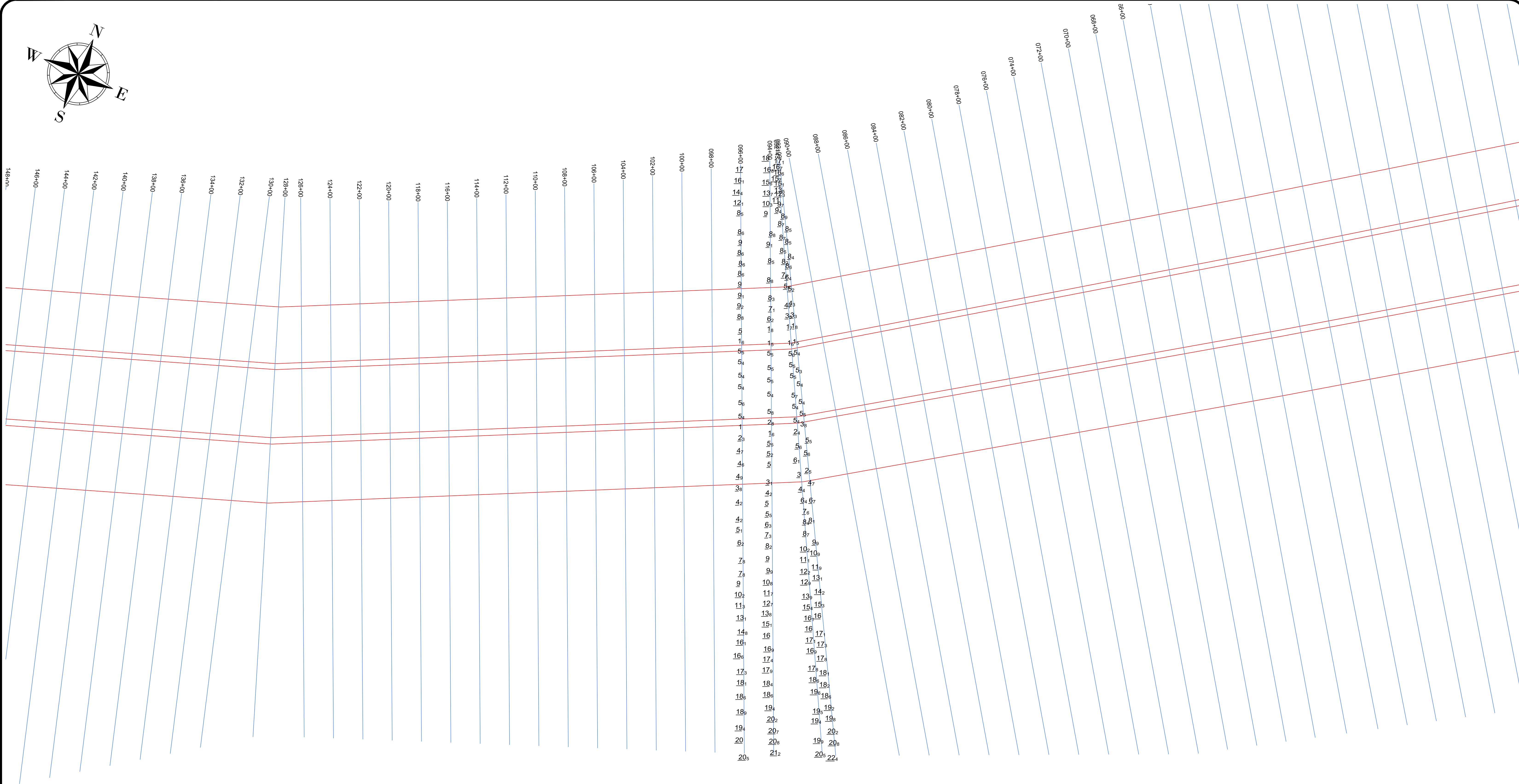
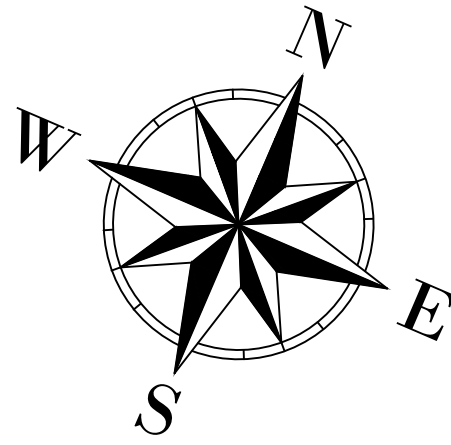
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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 92+00 TO 96+00

GLDD JOB NO.:	84510	DRAWN BY:	TWILLIAMS	DATE:	FEBRUARY 2, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	TWILLIAMS	SCALE:	1:300

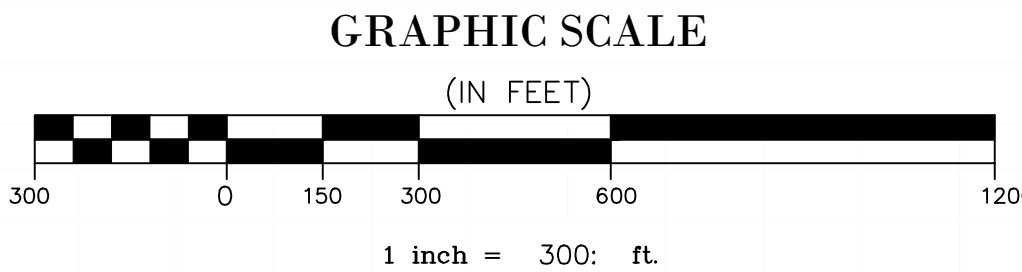
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PROJECT SURVEY METADATA

HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD83
UNITS HORIZ. / VERT.:	FT / FT
SURVEY/PROD. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 61.975
SURVEY/PROD. BENCH MARK:	X= 108716.801 E Y= 250810.386 N Z= 71.025

OPERATOR / CONDITIONS	
SURVEY DATE:	01/04/18, 01/05/18, 01/06/18
ENGINEER / SURVEYOR:	CB, MB, JK
SURVEY VESSEL:	CHESAPEAKE BAY
VESSEL OPERATOR:	GL
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED

ELECTRONIC EQUIPMENT	
FATHOMETER:	CV1000F
FREQUENCY(S):	200KHz & 28KHz
HEAVY COMP.:	TSS DMS-10
SOS (AVG):	GASTAWAY VELOCIMETER
POSITIONING:	GA530 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



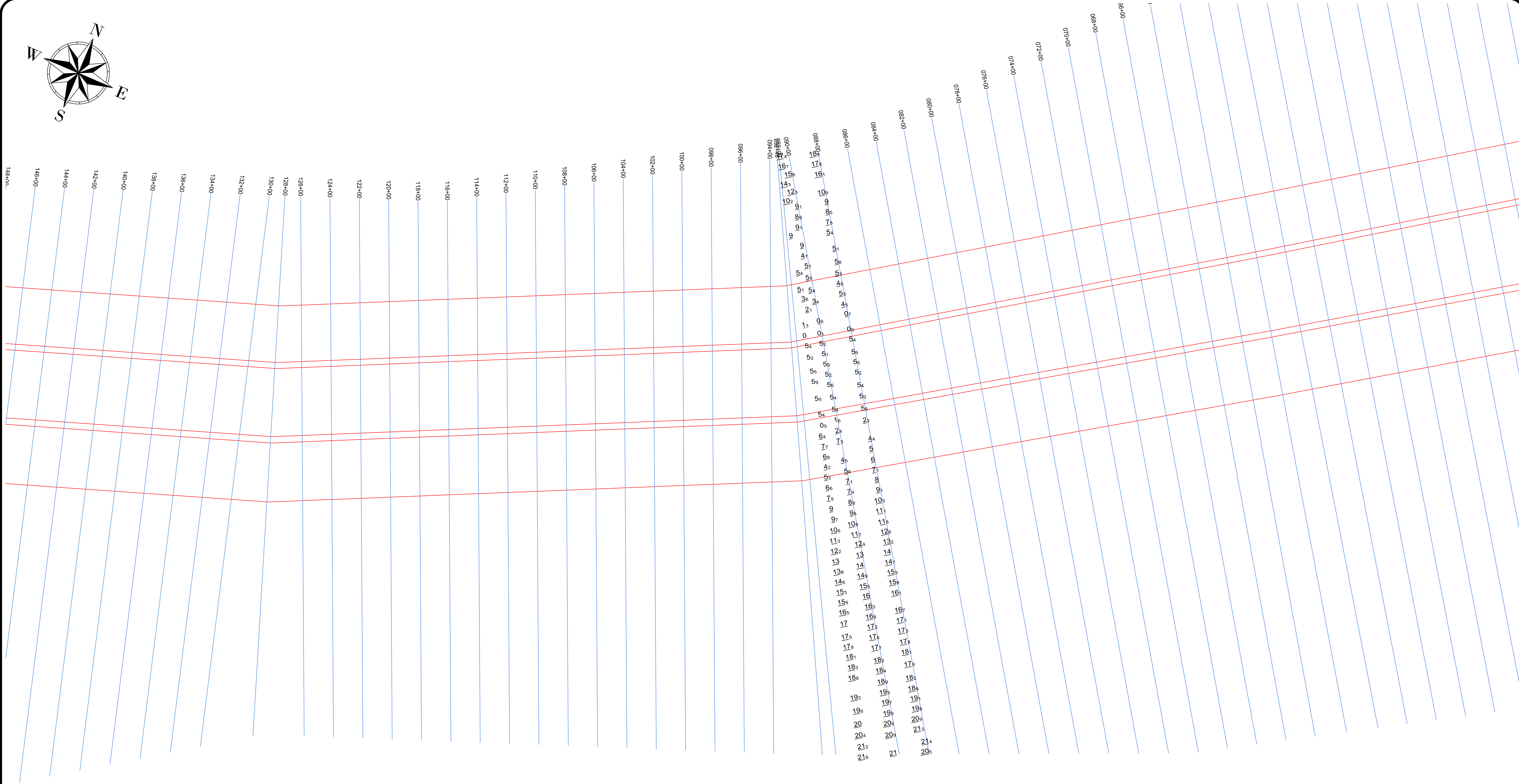
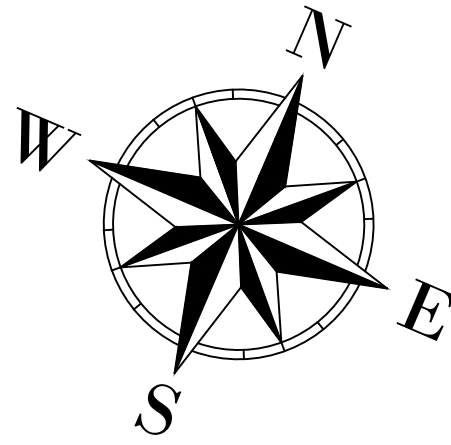
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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 88+00 TO 91+00

GLDD JOB NO.:	84510	DRAWN BY:	CBARNETT	DATE:	March 2, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	CBARNETT	SCALE:	1:300

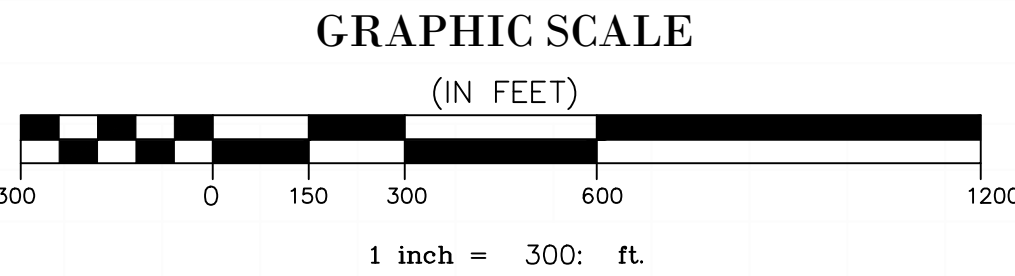
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PROJECT SURVEY METADATA

HORIZONTAL DATUM: US STATE PLANE NAD 83
LOCAL GRID: MISSISSIPPI EAST
VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: Survey Feet
SURVEY/PROJ. CONTROL POINT: X= 153125.754 E
Y= 239733.238 N
Z= 61.975
SURVEY/PROJ. BENCH MARK: X= 1087916.801 E
Y= 250810.386 N
Z= 71.025
WEST SHIP ISLAND PIER

OPERATOR / CONDITIONS
SURVEY DATE: 02/08
ENGINEER / SURVEYOR: JK, MH, EW
SURVEY VESSEL: Brooks Elizabeth
VESSEL OPERATOR: GL
WEATHER: AS NOTED
TEMPERATURE: AS NOTED
WIND: AS NOTED
SEA: AS NOTED

ELECTRONIC EQUIPMENT
FATHOMETER: CV1000F
FREQUENCY: 200KHz & 28KHz
HEAVE COMP.: TSS DMS-10
SOS (AVG): CASTAWAY VELOCIMETER
POSITIONING: GA530 / RTK
USCG BEACON: N/A
TIDE GAUGE: N/A



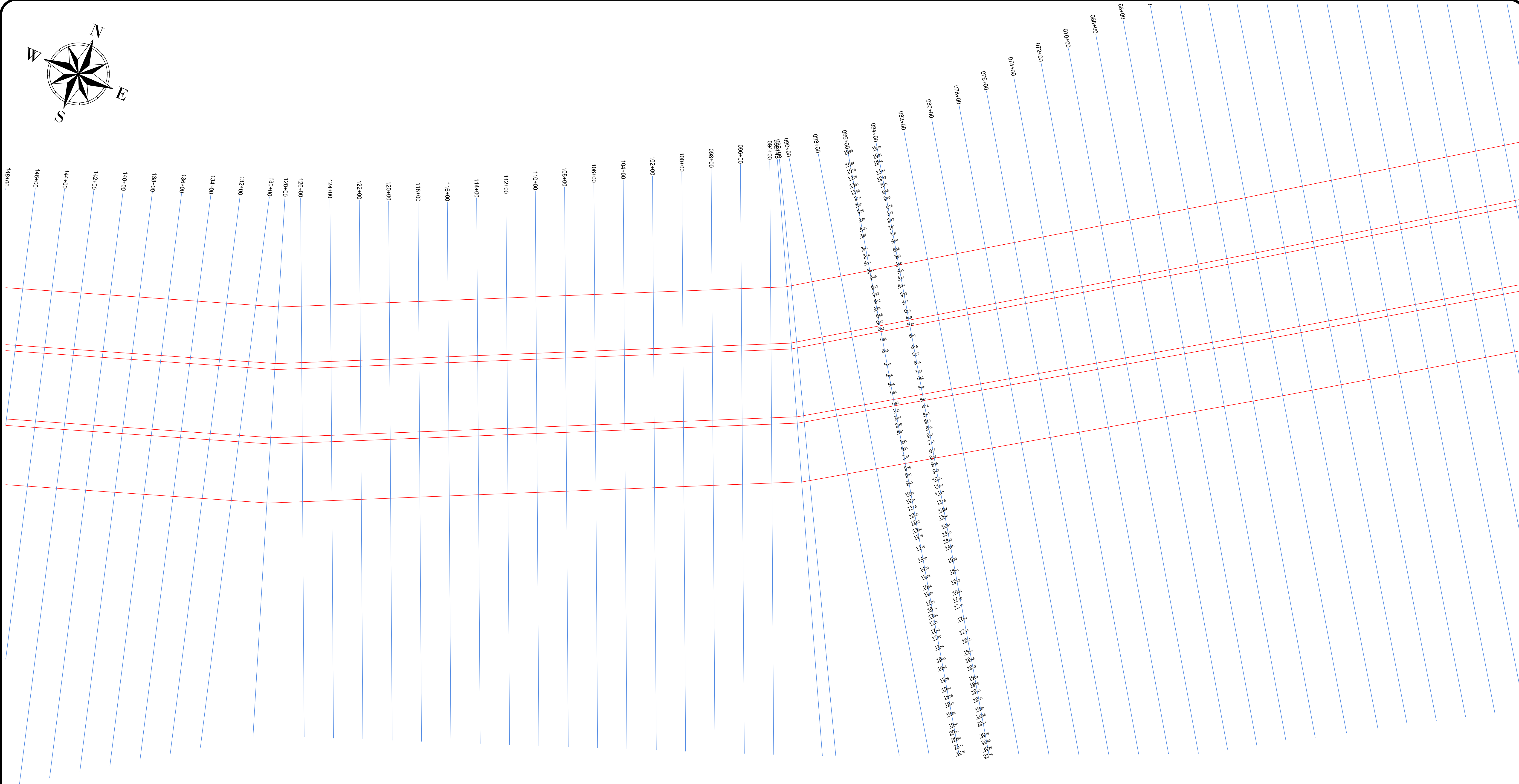
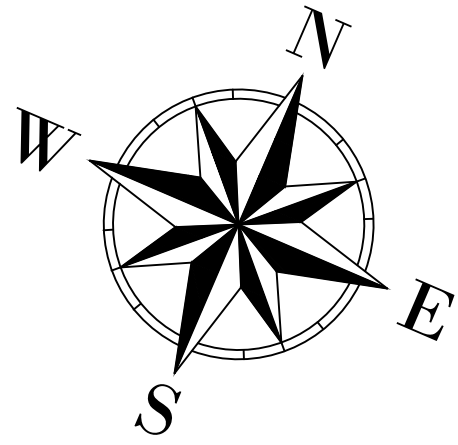
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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 84+00 TO 86+00

GLDD JOB NO.:	84510	DRAWN BY:	TNEILL	DATE:	March 11, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	TNEILL	SCALE:	1:300

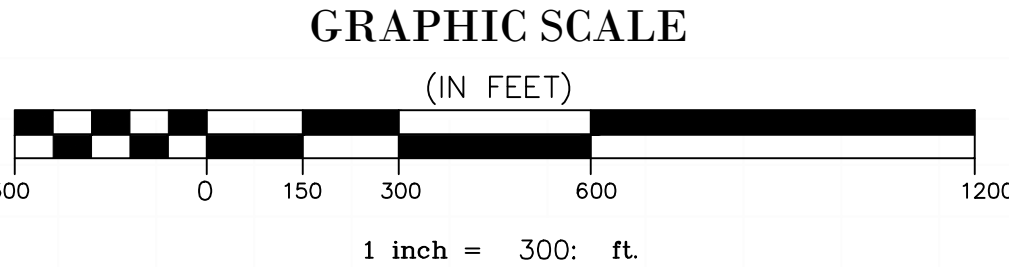
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PROJECT SURVEY METADATA

HORIZONTAL DATUM: US STATE PLANE NAD 83
LOCAL GRID: MISSISSIPPIEAST
VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: Survey Feet
SURVEY/PROD. CONTROL POINT: X= 153125.754 E
Y= 239733.238 N
Z= 61.975
SURVEY/PROD. BENCH MARK: X= 108716.801 E
Y= 250810.386 N
Z= 71.025
SHIP ISLAND PIER

OPERATOR / CONDITIONS
SURVEY DATE: 02/08
ENGINEER / SURVEYOR: JK, MH, EW
SURVEY VESSEL: Brooks Elizabeth
VESSEL OPERATOR: GL
WEATHER: AS NOTED
TEMPERATURE: AS NOTED
WIND: AS NOTED
SEA: AS NOTED

ELECTRONIC EQUIPMENT
FATHOMETER: CV1000F
FREQUENCY(S): 200KHz & 28KHz
HEAVE COMP.: TSS DMS-10
SOS (AVG): GASTAWAY VELOCIMETER
POSITIONING: GA530 / RTK
USGS BEACON: N/A
TIDE GAUGE: N/A



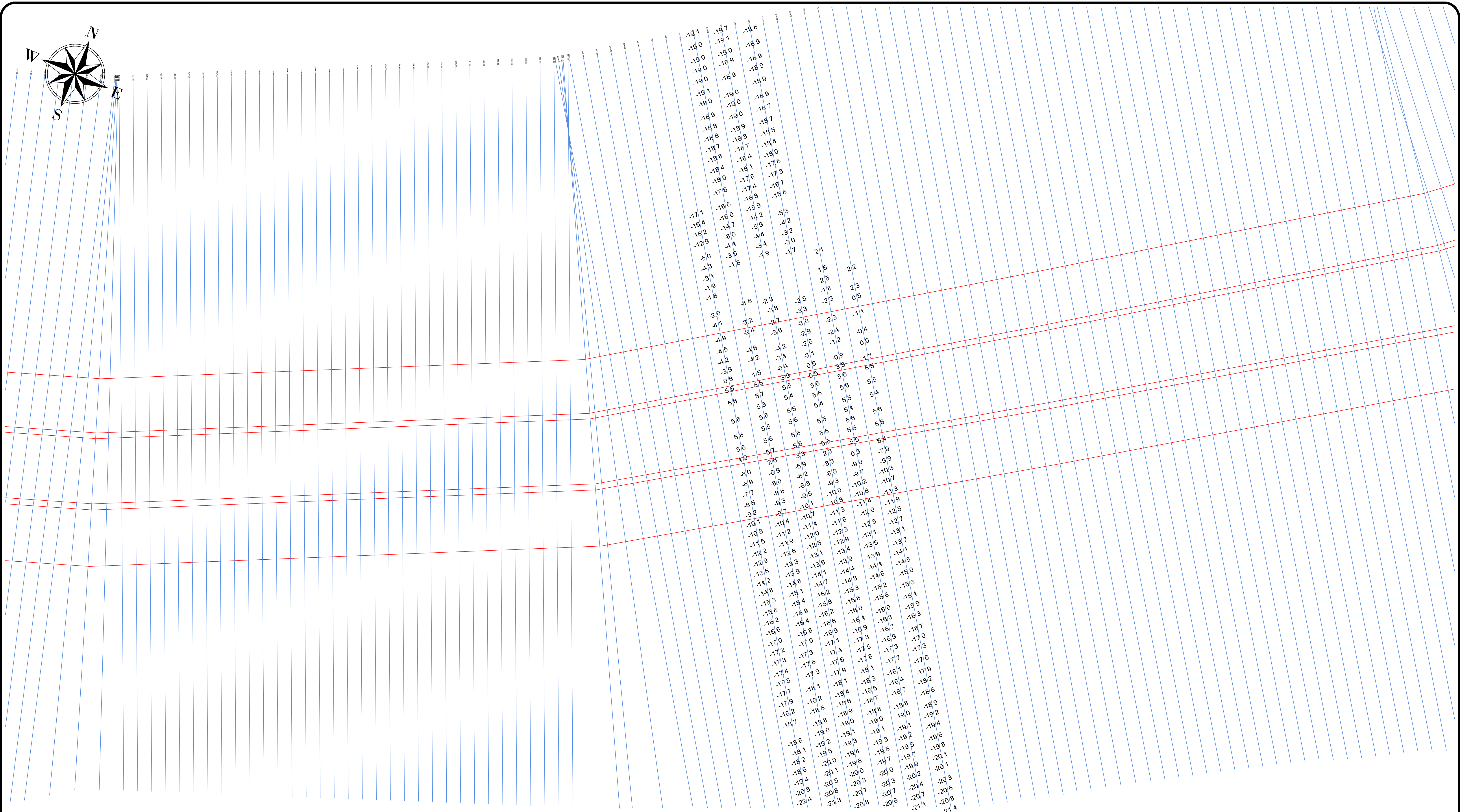
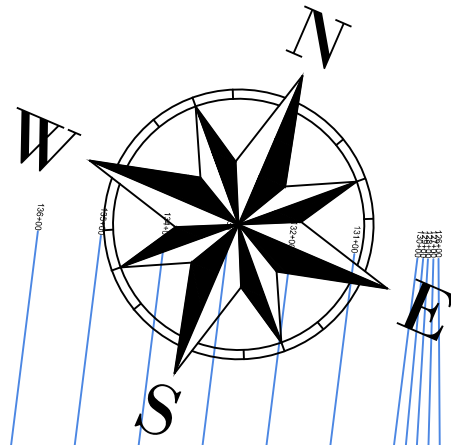
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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 72+00 TO 82+00

GLDD JOB NO.:	84510	DRAWN BY:	C. BARNETT	DATE:	March 28, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT	SCALE:	1:300

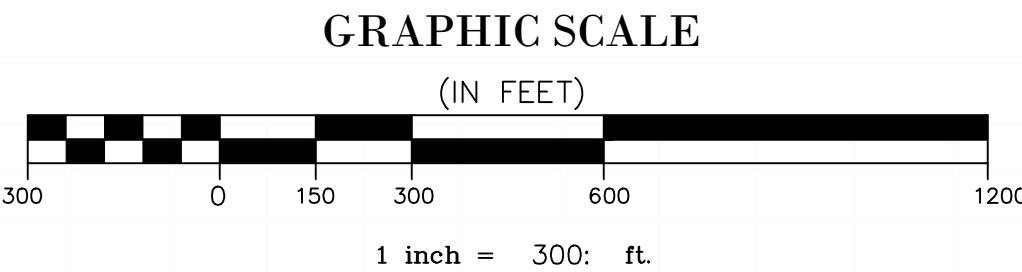
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PROJECT SURVEY METADATA

HORIZONTAL DATUM: US STATE PLANE NAD 83
LOCAL GRID: MISSISSIPPI EAST
VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: Survey Feet
SURVEY/PROJ. CONTROL POINT: X= 153126.754 E
Y= 239733.238 N
Z= 61.975
SURVEY/PROJ. BENCH MARK: X= 1087916.801 E
Y= 250810.386 N
Z= 71.025
WEST SHIP ISLAND PIER

OPERATOR / CONDITIONS
SURVEY DATE: 03/18 - 03/25
ENGINEER / SURVEYOR: CB, TN, TB, JK, EW
SURVEY VESSEL: Brooks Elizabeth
VESSEL OPERATOR: CL
WEATHER: AS NOTED
TEMPERATURE: AS NOTED
WIND: AS NOTED
SEA: AS NOTED

ELECTRONIC EQUIPMENT
FATHOMETER: CV1000F
FREQUENCY(S): 200KHz & 28KHz
HEAVE COMP.: TSS DMS-10
SOS (AVG): GASTAWAY VELOCIMETER
POSITIONING: GAG30 / RTK
USGS BEACON: N/A
TIDE GAUGE: N/A



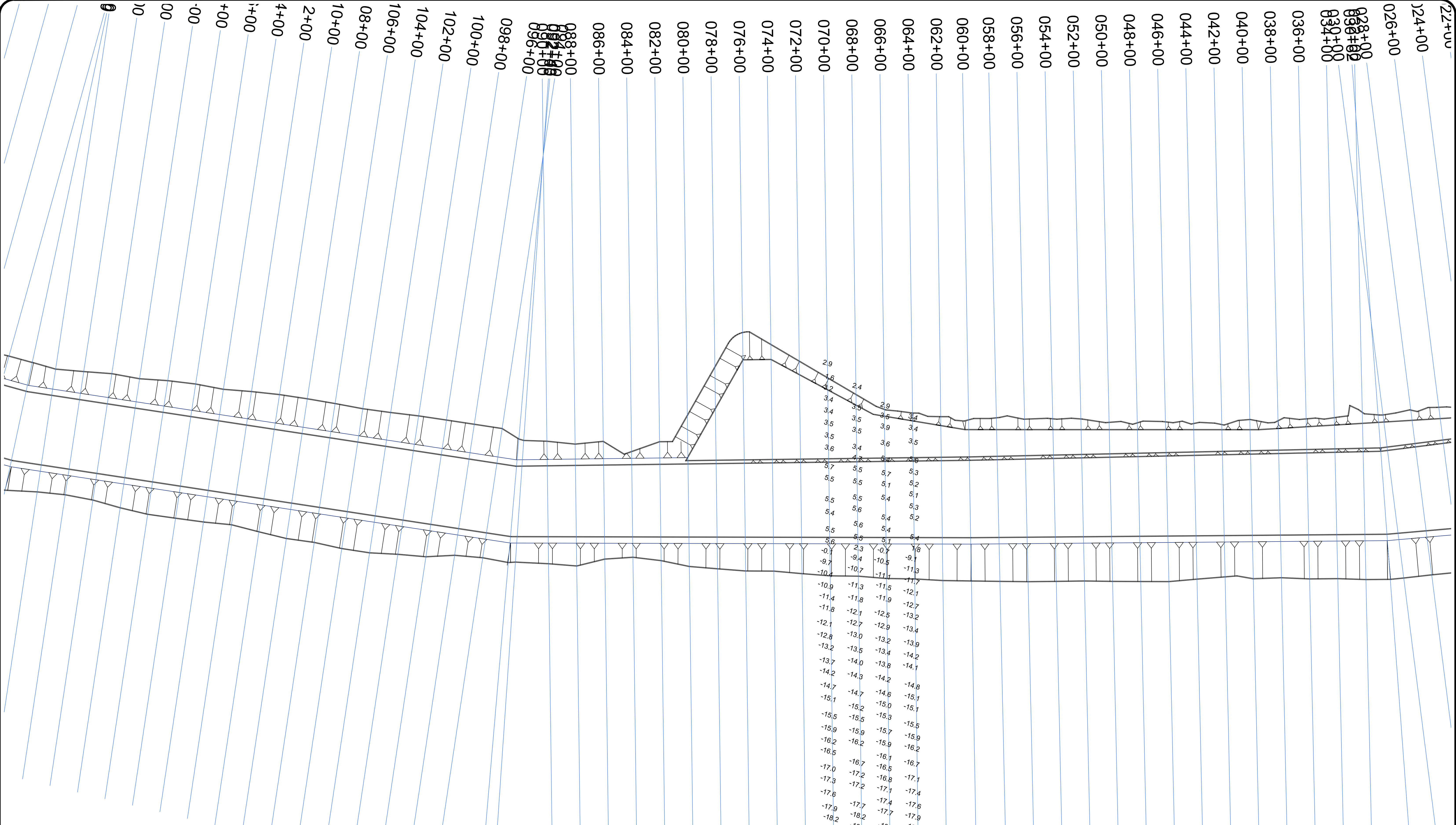
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Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 70+00 TO 64+00

GLDD JOB NO.:	84510	DRAWN BY:	M HUEBSCH	DATE:	April 30, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	M HUEBSCH	SCALE:	1:300

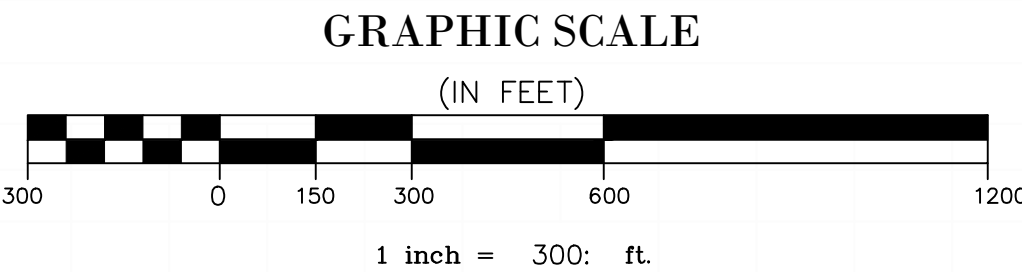
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PROJECT SURVEY METADATA

HORIZONTAL DATUM: US STATE PLANE NAD 83
LOCAL GRID: MISSISSIPPIEAST
VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: FT. /
SURVEY/PROJ. CONTROL POINT: X= 131732.754 E
Y= 239733.238 N
Z= 61.975
SURVEY/PROJ. BENCH MARK: X= 1087916.801 E
Y= 250810.386 N
Z= 71.022
Pier

OPERATOR / CONDITIONS
SURVEY DATE: 04/30/2018
ENGINEER / SURVEYOR: CB JH
SURVEY VESSEL: Brooke Elizabeth
VESSEL OPERATOR: JB
WEATHER: AS NOTED
TEMPERATURE: AS NOTED
WIND: AS NOTED
SEA: AS NOTED

ELECTRONIC EQUIPMENT
FATHOMETER: CV1000F
FREQUENCY: 200KHz & 28KHz
HEAVE COMP.: TSS DMS-10
SOS (AVG): GASTAWAY VELOCIMETER
POSITIONING: GA530 / RTK
USCG BEACON: N/A
TIDE GAUGE: N/A



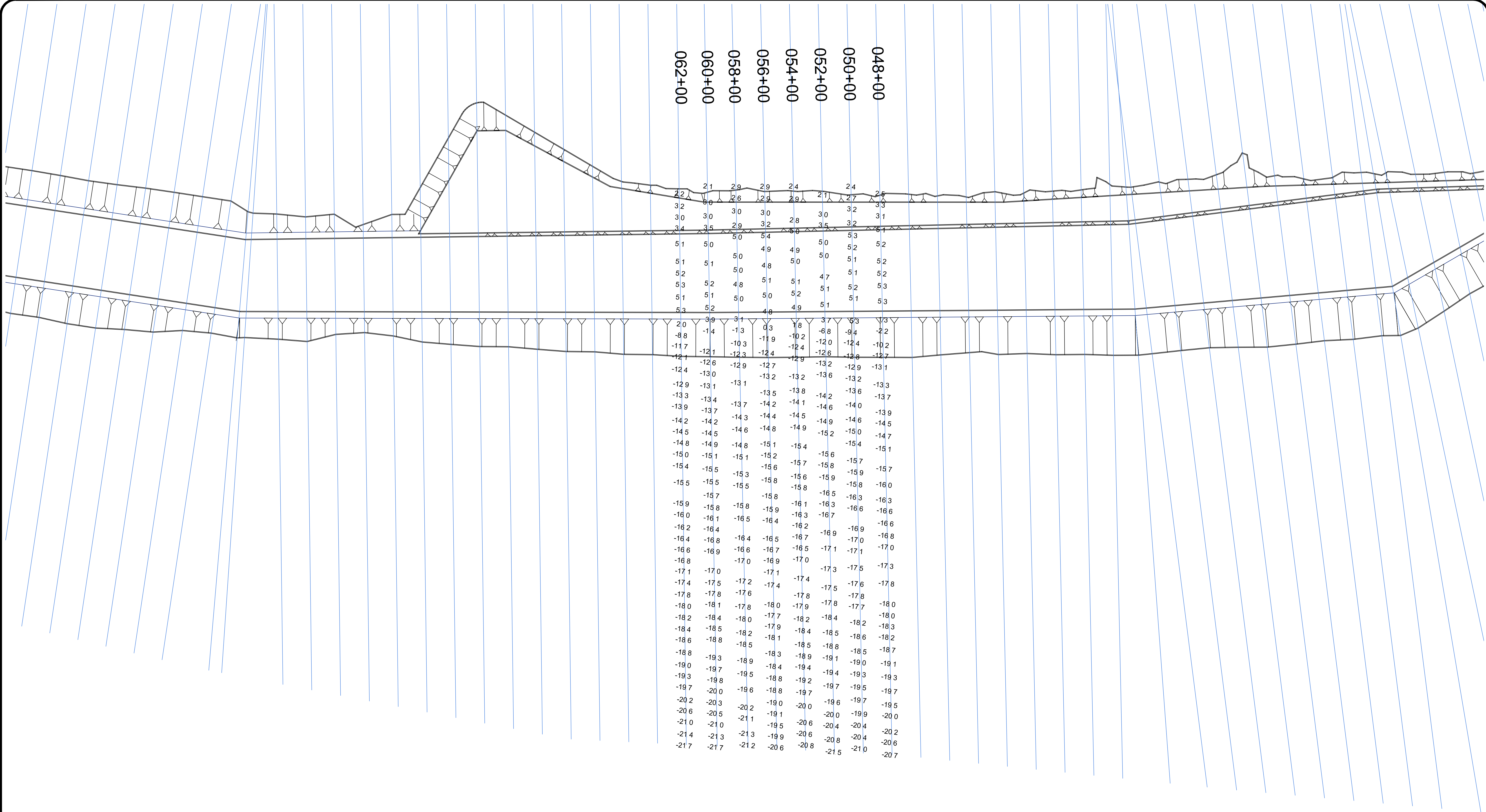
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CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 62+00 TO 48+00

GLDD JOB NO.:	84510	DRAWN BY:	M HUEBSCH	DATE:	May 27, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	J.A.HILL	SCALE:	1:300.0001

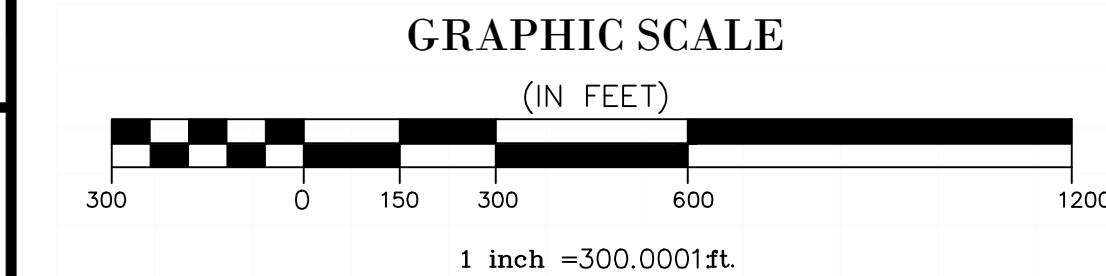
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PROJECT SURVEY METADATA

HORIZONTAL DATUM: US STATE PLANE NAD 83
LOCAL GRID: MISSISSIPPIEAST
VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: FT. / FT.
SURVEY/PROJ. CONTROL POINT: X= 131732.754 E
Y= 239733.238 N
Z= 61.975
SURVEY/PROJ. BENCH MARK: X= 1087916.801 E
Y= 250810.386 N
Z= 71.020
SURVEY/PROJ. BENCH MARK: WEST SHIP ISLAND PIER

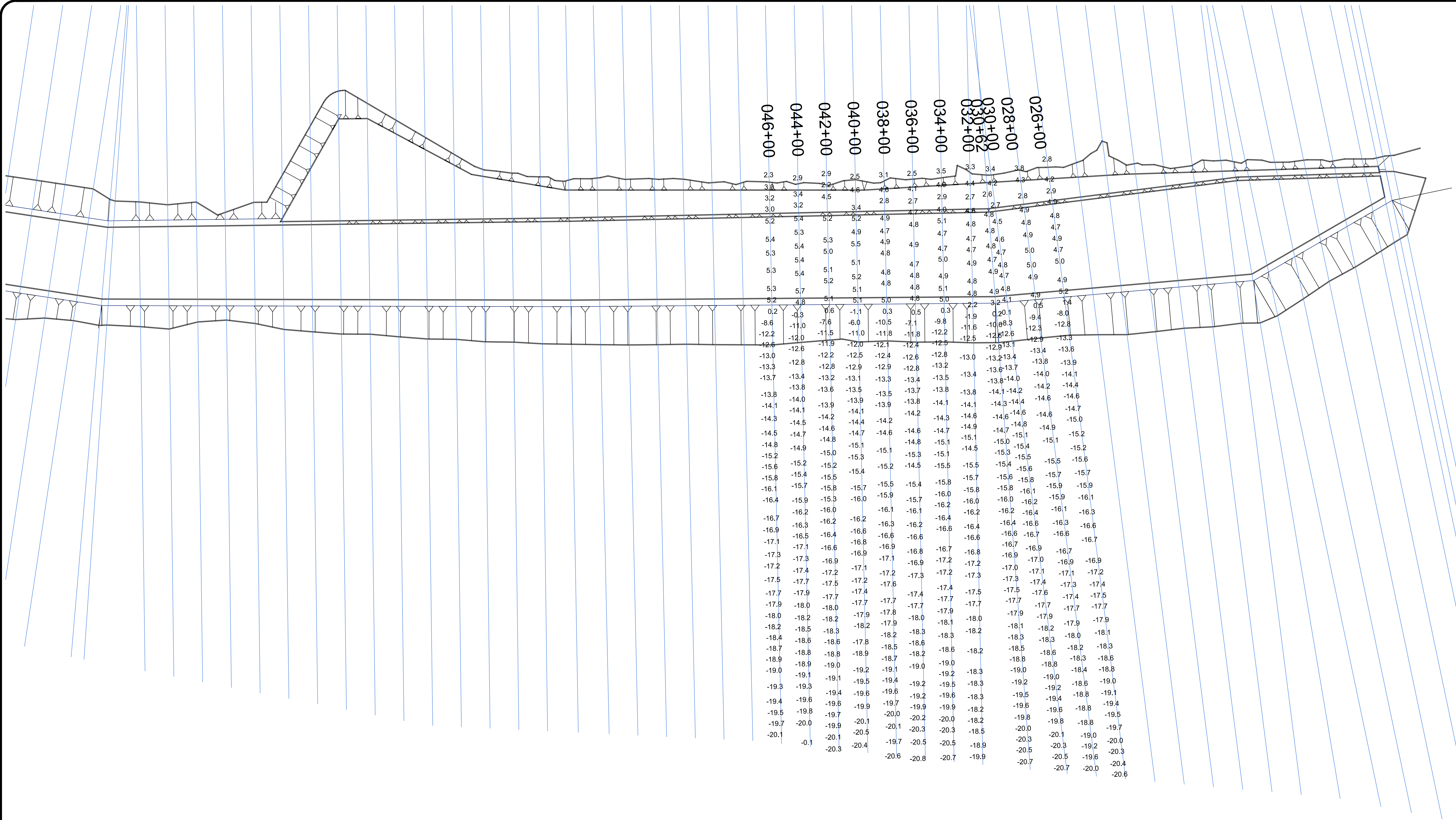
OPERATOR / CONDITIONS
SURVEY DATE: 5/10 - 5/27
ENGINEER / SURVEYOR: J.H. CB. TN. EW
SURVEY VESSEL: Brooks E2000
VESSEL OPERATOR: E. DURAN
WEATHER: AS NOTED
TEMPERATURE: AS NOTED
WIND: AS NOTED
SEA: AS NOTED

ELECTRONIC EQUIPMENT
FATHOMETER: CV1000F
FREQUENCY: 200KHz & 28KHz
HEAVE COMP.: TSS DMS-10
SOS (AVG): GASTAWAY VELOCIMETER
POSITIONING: GA530 / RTK
USCG BEACON: N/A
TIDE GAUGE: N/A



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CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

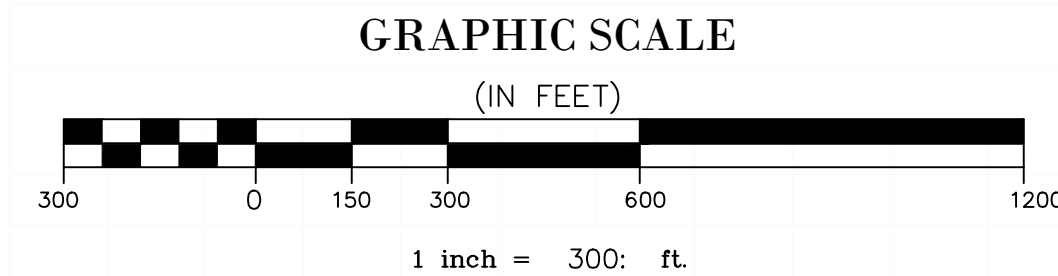
TITLE: BREACH FILL AD 26+00 TO 46+00

GLDD JOB NO.:	84510	DRAWN BY:	C. BARNETT	DATE:	June 30, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT	SCALE:	1:300

FILE NAME: N:\Dropbox (GLDD)\84510-MSCIPI\06 Survey\02 Breach\05 Submittal Surveys\05003-9 - 180630 84510 Breach Fill AD 26+00 To 46+00\DWG\180630 W91278-17-C-0008_BreachFill STA 26+00 To 46+00.dwg

PROJECT SURVEY METADATA

HORIZONTAL DATUM: LOCAL GRID VERTICAL DATUM: NAVD83 UNITS HORIZ. / VERT.: FEET SURVEY/PROJ. CONTROL POINT: Z= 61.975 X= 131732.754 E Y= 239733.238 N SURVEY/PROJ. BENCH MARK: Z= 71.020 X= 108716.801 E Y= 250810.386 N WEST SHIP ISLAND PIER	OPERATOR / CONDITIONS SURVEY DATE: 04 - 030 ENGINEER / SURVEYOR: JH. CB. TN. EW. JK. JS SURVEY VESSEL: Brooks Edgewater VESSEL OPERATOR: E. DURAN, E. MICHEL WEATHER: AS NOTED TEMPERATURE: AS NOTED WIND: AS NOTED SEA: AS NOTED	ELECTRONIC EQUIPMENT FATHOMETER: CV1000F FREQUENCY: 200KHz & 28KHz HEAVE COMP.: TSS DMS-10 SOS (AVG): GASTAWAY VELOCIMETER POSITIONING: GA530 / RTK USGS BEACON: N/A TIDE GAUGE: N/A
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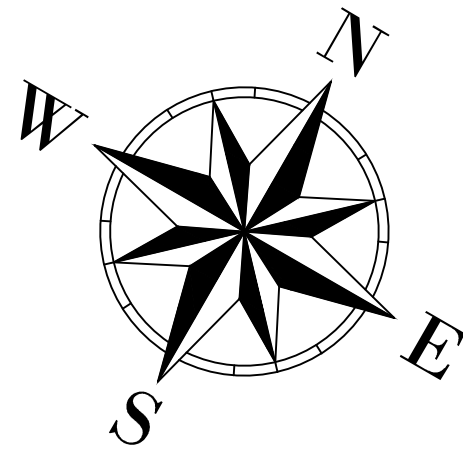
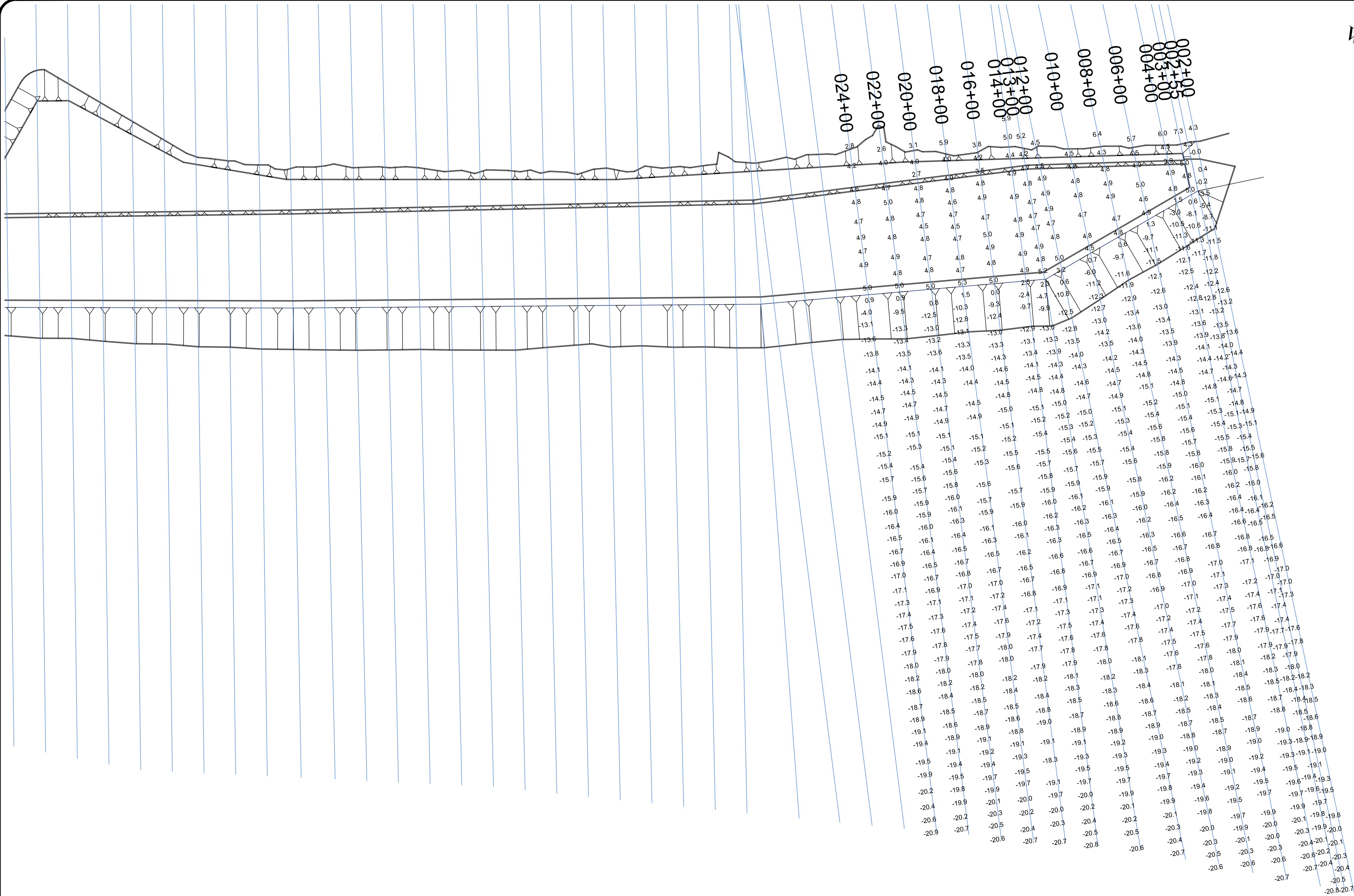
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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 2+00 TO 24+00

GLDD JOB NO.:	84510	DRAWN BY:	C. BARNETT	DATE:	August 3, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT	SCALE:	1:300
FILE NAME: N:\Dropbox (GLDD)\84510-MSCIPI\06 Survey\02 Breach Fill AD 02+00 To 24+00\DWG\180802 W91278-17-C-0008_BreachFill STA 2+00 to 24+00 AD Plan View.dwg					

PROJECT SURVEY METADATA

HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD83
UNITS HORIZ. / VERT.:	FT. / FT.
SURVEY/PROD. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 61.975
SURVEY/PROD. BENCH MARK:	X= 1087916.801 E Y= 256810.386 N Z= 71.022
WEST SHIP ISLAND PIER	

OPERATOR / CONDITIONS	
SURVEY DATE:	7/9 - 8/2
ENGINEER / SURVEYOR:	AS NOTED
HEAVY COMP.:	Brown & White
VESSEL OPERATOR:	AS NOTED
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED

ELECTRONIC EQUIPMENT	
FATHOMETER:	CV1000F
FREQUENCY:	200KHz & 28KHz
TSS DMS-UP:	
SOS (AVG):	GASTAWAY VELOCIMETER
POSITIONING:	GA330 / RTK
USGS BEACON:	N/A
TIDE GAUGE:	N/A

GRAPHIC SCALE

(IN FEET)



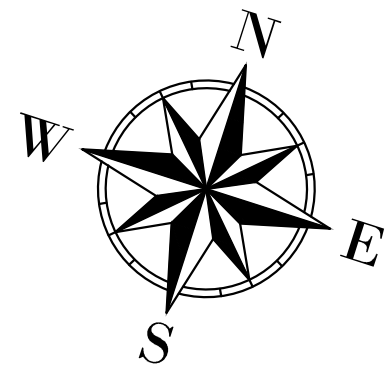
1 inch = 300. ft.

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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 101+00 TO 122+00

GLDD JOB NO.:	84510	DRAWN BY:	E. WILLIAMS	DATE:	August 31, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	E. WILLIAMS	SCALE:	1 : 400

FILE NAME: C:\Users\emwilliams\Desktop\180831 W91278-17-C-0008_BreachFill STA 101+00 To 122+00 AD Plan View.dwg

PROJECT SURVEY METADATA

HORIZONTAL DATUM:	US STATE PLANE NAD 83	OPERATOR / CONDITIONS		ELECTRONIC EQUIPMENT	
LOCAL GRID:	MISSISSIPPIEAST	SURVEY DATE:	8-5-831	FATHOMETER:	CV1000F
VERTICAL DATUM:	NAVD88	ENGINEER / SURVEYOR:	AS NOTED	FREQUENCY(S):	208KHz & 28KHz
UNITS HORIZ. / VERT.:	FT/FT	SURVEY VESSEL:	Brooks Elizabeth	HEAVY COMP.:	TSS DMS-10
SURVEY/PROJ. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 61.975	VESSEL OPERATOR:	AS NOTED	SOS (AVG):	GASTAWAY VELOCIMETER
SURVEY/PROJ. BENCH MARK:	X= 1087916.801 E Y= 256810.386 N Z= 7.022	WEATHER:	AS NOTED	USGS BEACON:	N/A
TIDE STAFF LOCATION:	WEST SHIP ISLAND PIER	TEMPERATURE:	AS NOTED	TIDE GAUGE:	N/A
		WIND:	AS NOTED		
		SEA:	AS NOTED		

GRAPHIC SCALE

(IN FEET)



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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION

Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1				
TITLE: BREACH FILL AD 124+00 TO 152+00				
GLDD JOB NO.:	84510	DRAWN BY:	C. BARNETT	DATE: September 30, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT	SCALE: 1 : 500
FILE NAME: N:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\050003-14 - 180930 84510 Breach Fill AD 124+00 To 152+00\DWG\180930 W91278-17-C-0008_BreachFill STA 124				

PROJECT SURVEY METADATA					
HORIZONTAL DATUM: <u>US STATE PLANE NAD 83</u> LOCAL GRID: <u>MISSISSIPPI EAST</u> VERTICAL DATUM: <u>NAVD83</u> UNITS HORIZ. / VERT.: <u>FT. / FT.</u> SURVEY/PROJ. CONTROL POINT: <u>X= 131732.754 E</u> <u>Y= 239733.238 N</u> <u>Z= 61.975</u> SURVEY/PROJ. BENCH MARK: <u>X= 1087916.801 E</u> <u>Y= 256810.386 N</u> <u>Z= 7.032</u>		OPERATOR / CONDITIONS SURVEY DATE: <u>9/8 - 9/30</u> ENGINEER / SURVEYOR: <u>AS NOTED</u> SURVEY VESSEL: <u>Brooks Elizabeth</u> VESSEL OPERATOR: <u>AS NOTED</u> WEATHER: <u>AS NOTED</u> TEMPERATURE: <u>AS NOTED</u> WIND: <u>AS NOTED</u> SEA: <u>AS NOTED</u>		ELECTRONIC EQUIPMENT FATHOMETER: <u>CV1000F</u> FREQUENCY: <u>200KHz & 28KHz</u> HEAVY COMP.: <u>TSS DMS-10</u> SOS (AVG): <u>CASTAWAY VELOCIMETER</u> POSITIONING: <u>GA530 / RTK</u> USCG BEACON: <u>N/A</u> TIDE GAUGE: <u>N/A</u>	

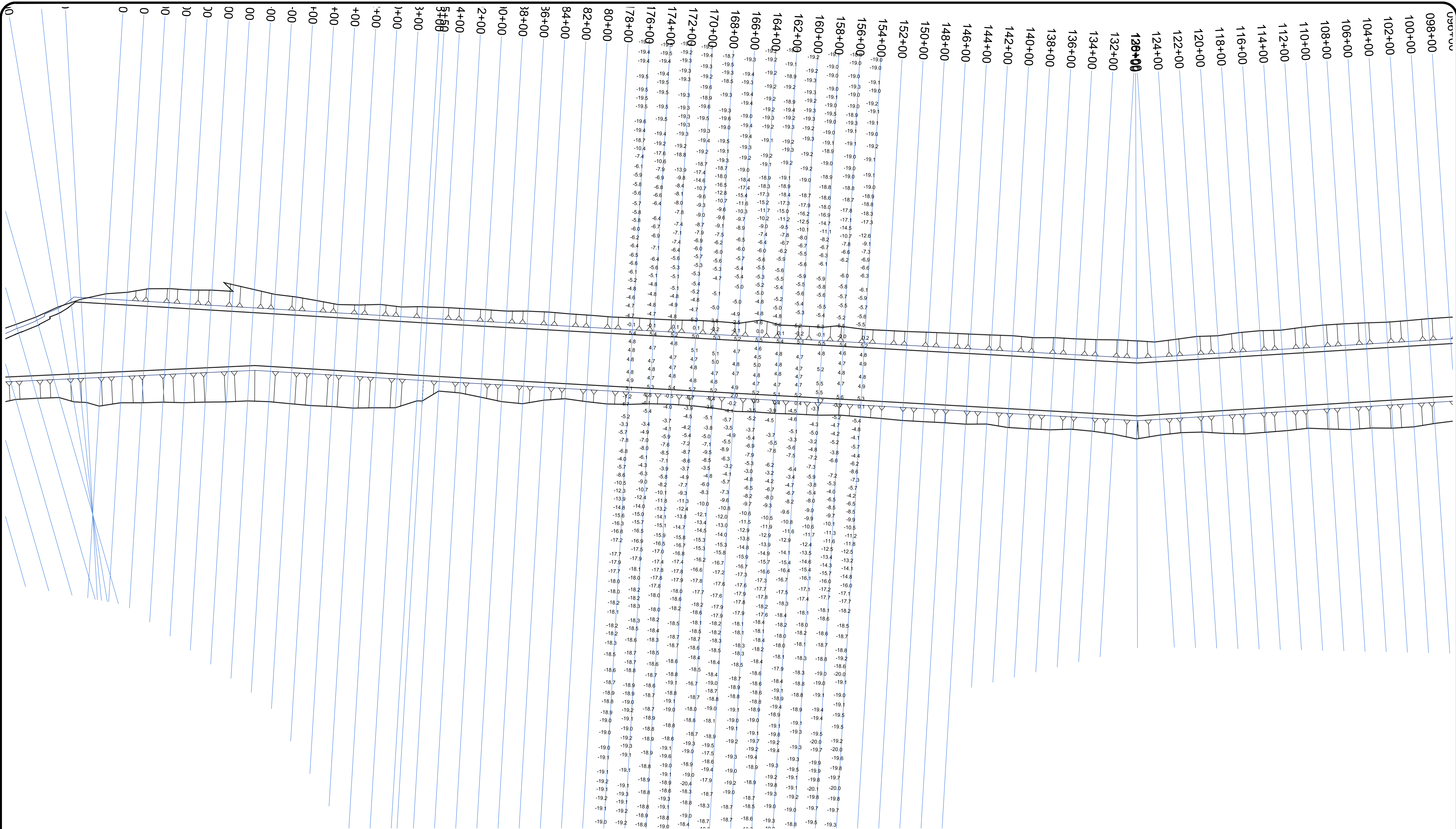
GRAPHIC SCALE
(IN FEET)

1 inch = 500: ft.

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2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 154+00 TO 176+00

GLDD JOB NO.:	84510	DRAWN BY:	C. BARNETT	DATE:	October 31, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT	SCALE:	1 : 400
FILE NAME: N:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05003-16 - 181031 84510 Breach Fill AD 154+00 To 176+00\DWG\181031 W91278-17-C-0008 BreachFill STA 154+00 AD Plan View.dwg					

PROJECT SURVEY METADATA

HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD83
UNITS HORIZ. / VERT.:	FT. / FT.
SURVEY/PROD. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 61.975
SURVEY/PROD. BENCH MARK:	X= 1087616.801 E Y= 250810.386 N Z= 71.022
WEST SHIP ISLAND PIER	

OPERATOR / CONDITIONS

SURVEY DATE:	10/1 / 10/29
ENGINEER / SURVEYOR:	AS NOTED
SURVEY VESSEL:	Brooks Elizabeth
VESSEL OPERATOR:	AS NOTED
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED

ELECTRONIC EQUIPMENT

FATHOMETER:	CV1000F
FREQUENCY:	200KHz & 28KHz
HEAVE COMP.:	TSS DMS-10
SOS (AVG):	GASTAWAY VELOCIMETER
POSITIONING:	GA530 / RTK
USGS BEACON:	N/A
TIDE GAUGE:	N/A

GRAPHIC SCALE

(IN FEET)



1 inch = 400: ft.

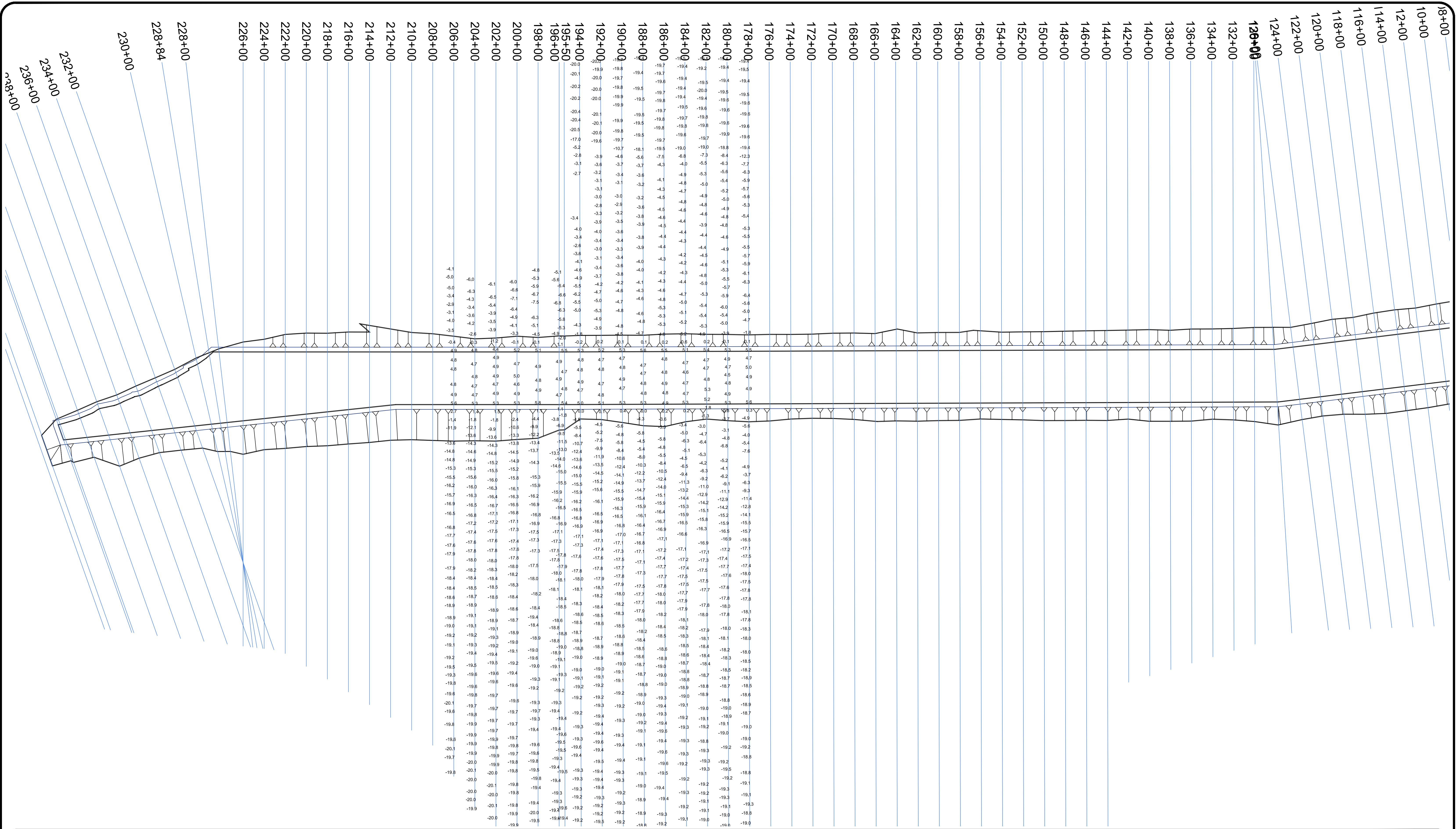
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CIVIL ENGINEERING / SURVEYING DIVISION

Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 178+00 to 206+00

GLDD JOB NO.:	84510	DRAWN BY:	J. A. HILL	DATE:	November 30, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	J. A. HILL	SCALE:	1 : 400

FILE NAME: D:\Dropbox (GLDD)\84510-MSICIP\06 Survey\02 Breach Fill AD 178+00 to 206+00 AD Plan View.dwg

PROJECT SURVEY METADATA

HORIZONTAL DATUM:	US STATE PLANE NAD 83	OPERATOR / CONDITIONS		ELECTRONIC EQUIPMENT	
LOCAL GRID:	MISSISSIPPIEAST	SURVEY DATE:	11/1 to 11/30	FATHOMETER:	CV1000F
VERTICAL DATUM:	NAVD83	ENGINEER / SURVEYOR:	AS NOTED	FREQUENCY:	200KHz & 28KHz
UNITS HORIZ. / VERT.:	FT / FT	SURVEY VESSEL:	Brooks Elizabeth	HEAVY COMP.:	TSS DMS-10
SURVEY/PROJ. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 61.975	VESEL OPERATOR:	AS NOTED	SOS (AVG):	GASTAWAY VELOCIMETER
SURVEY/PROJ. BENCH MARK:	X= 1087916.801 E Y= 250810.386 N Z= 71.022	WEATHER:	AS NOTED	POSITIONING:	GA530 / RTK
	WEST SHIP ISLAND PIER	TEMPERATURE:	AS NOTED	USGS BEACON:	N/A
		WIND:	AS NOTED	TIDE GAUGE:	N/A
		SEA:	AS NOTED		

GRAPHIC SCALE

(IN FEET)

400 0 200 400 800 1600

1 inch = 400: ft

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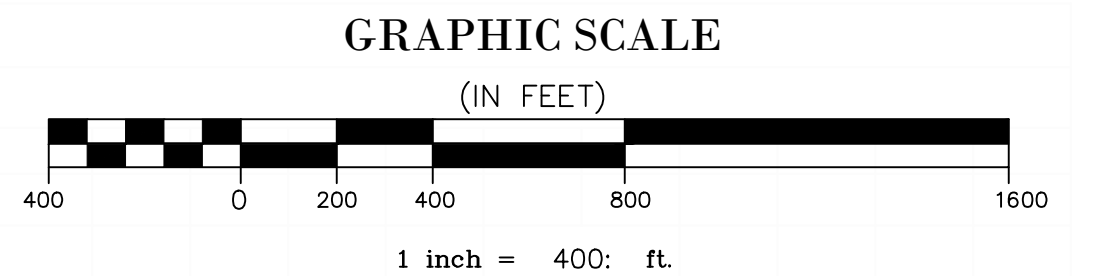


PROJECT SURVEY METADATA

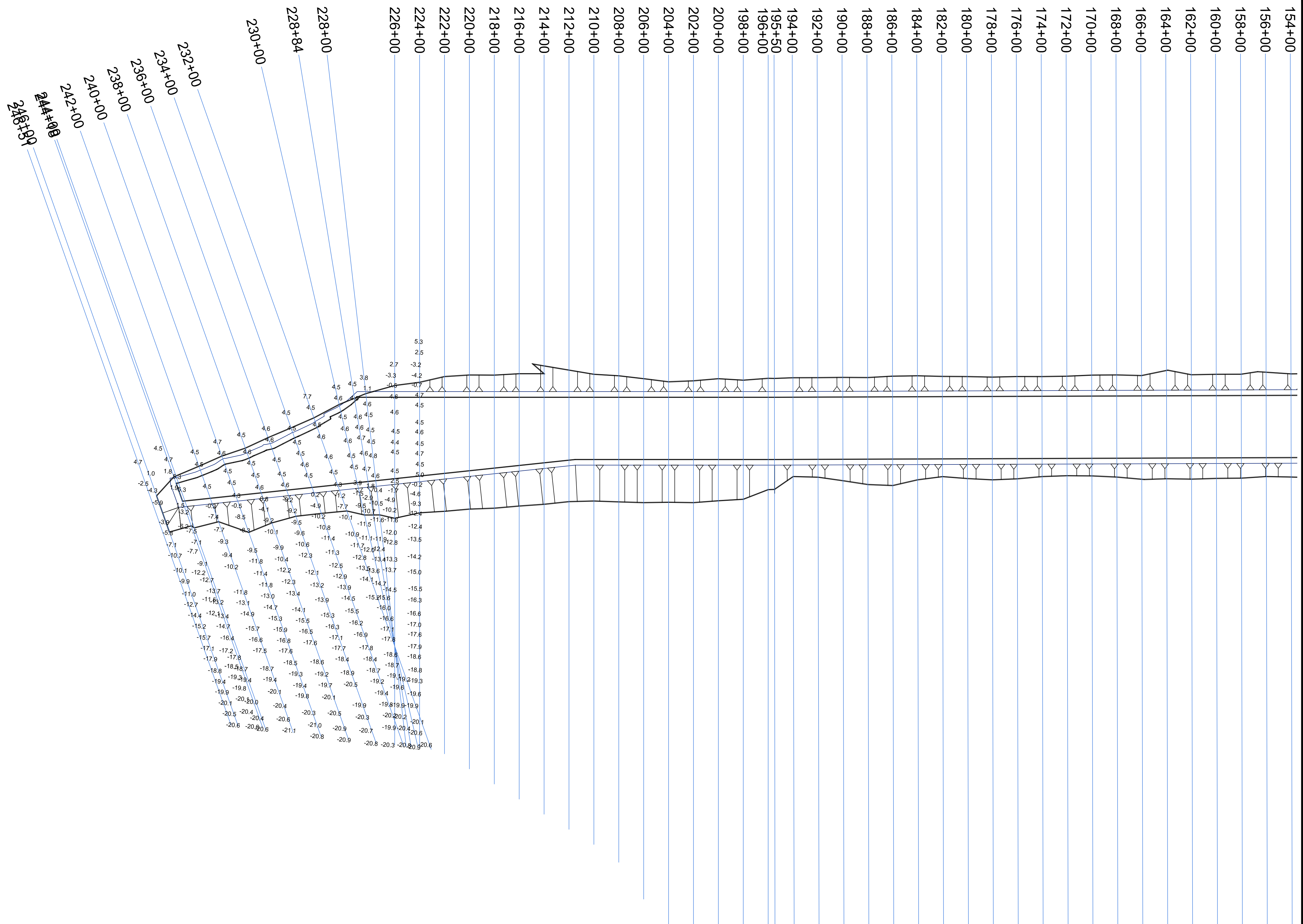
OPERATOR / CONDITIONS

ELECTRONIC EQUIPMENT

FATHOMETER:	CV100DF
FREQUENCY(s):	208KHz & 28KHz
HEAVE COMP.:	TSS DMS-05
SOS (AVG):	CASTAWAY VELOCIMETER
POSITIONING:	GA530 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



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 Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 224+00 to 246+00

GLDD JOB NO.:	84510	DRAWN BY:	MHuebsch	DATE:	January 19, 2019
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	JKinto	SCALE:	1 : 400

FILE NAME: D:\Dropbox (GLDD)\84510-MSC\PI\06 Survey\02 Breach\05 Submittal Surveys\05003-19 - 190131 84510 Breach Fill AD STA 224+00 To 246+00\DWG\190119 W91278-17-C-0008 BreachFill S

PROJECT SURVEY METADATA

HORIZONTAL DATUM: US STATE PLANE NAD 83
LOCAL GRID: MISSISSIPPI EAST
VERTICAL DATUM: NAVD88
UNITS HORIZ. / VERT.: FT/FT
SURVEY(PROJ). CONTROL POINT: X= 1131732.754 E
Y= 239733.238 N
Z= 61.975
SURVEY(PROJ). BENCH MARK: X= 1087916.801 E
Y= 259810.366 N
Z= 7.032

OPERATOR / CONDITIONS

SURVEY DATE:	1/1 to 1/19
ENGINEER / SURVEYOR:	AS NOTED
SURVEY VESSEL:	Brooke Elizabeth
VESSEL OPERATOR:	AS NOTED
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED

ELECTRONIC EQUIPMENT

FATHOMETER:	CV100DF
FREQUENCY(s):	208KHz & 28KHz
HEAVE COMP.:	TSS DMS-05
SOS (AVG):	CASTAWAY VELOCIMETER
POSITIONING:	GA530 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A

GRAPHIC SCALE

(IN FEET)



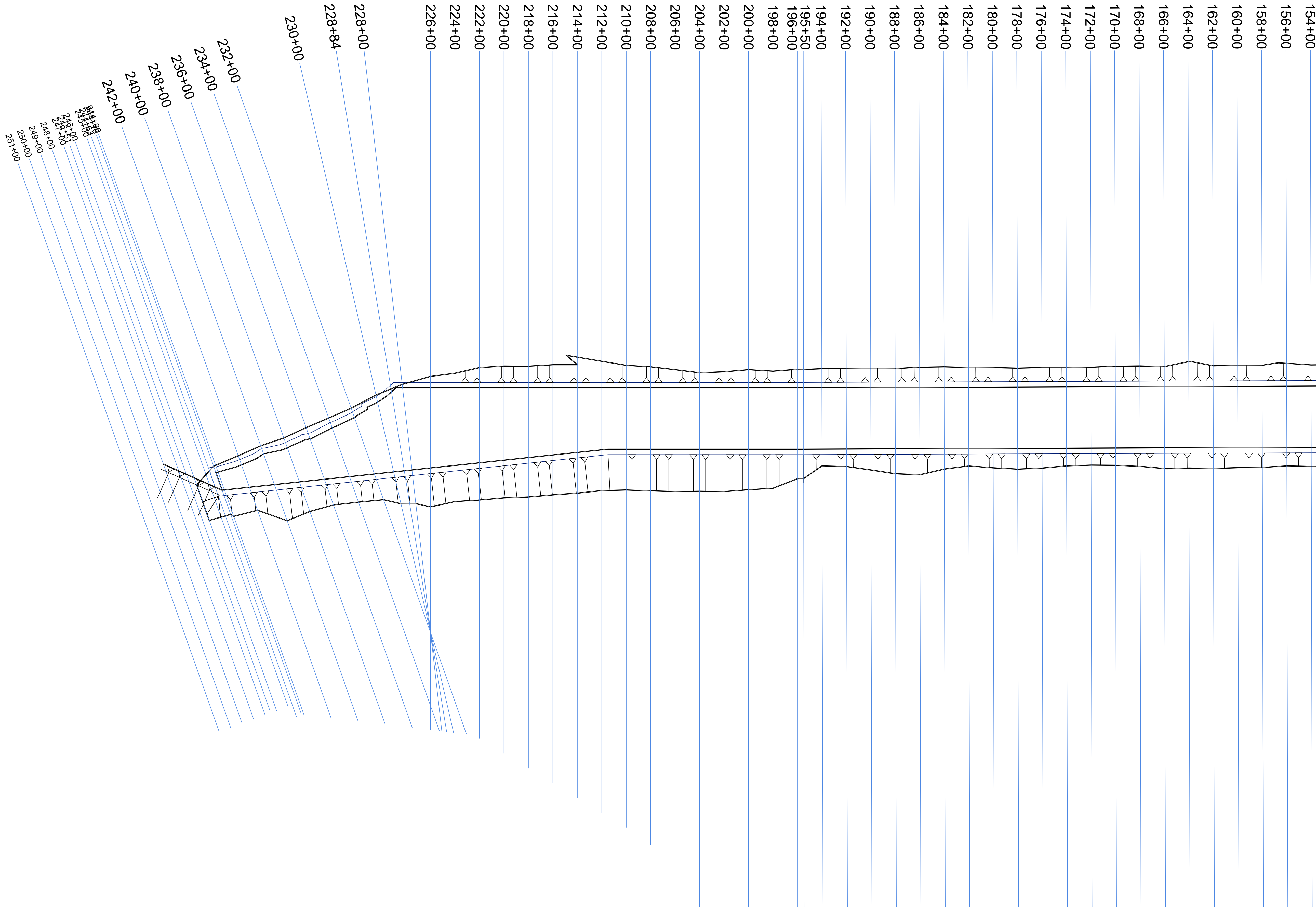
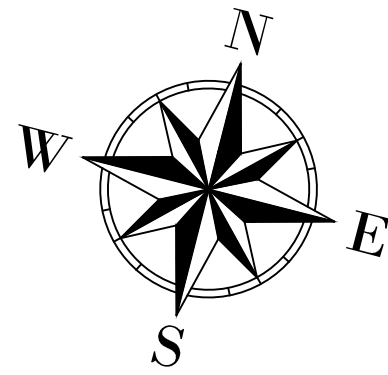
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GREAT LAKES DREDGE AND DOCK COMPANY
2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL AD 244+18 to 249+00

GLDD JOB NO.:	84510	DRAWN BY:	MHuebsch	DATE:	February 11, 2019
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	MHuebsch	SCALE:	

FILE NAME: C:\Users\MHuebsch\Dropbox (GLDD)\84510-MSICIP\06 Survey\02 Breach\05 Submittal Surveys\05003-21 - 190211 84510 Breach Fill AD STA 224+18 To 249+00\DWG\190211 W91278-17-C-0008 BreachFill STA 244+18 to 249+00 AD Plan View.dwg

PROJECT SURVEY METADATA

HORIZONTAL DATUM: US STATE PLANE NAD 83
LOCAL GRID: MISSISSIPPIEAST
VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: FT / FT
SURVEY/PROD. CONTROL POINT:
X= 131732.754 E
Y= 239733.238 N
Z= 61.975
SURVEY/PROD. BENCH MARK:
X= 108716.801 E
Y= 250810.386 N
Z= 71.025

OPERATOR / CONDITIONS
SURVEY DATE: 2/7 to 2/11
ENGINEER / SURVEYOR: AS NOTED
SURVEY VESSEL: Brocks Elizabeth
VESSEL OPERATOR: AS NOTED
WEATHER: AS NOTED
TEMPERATURE: AS NOTED
WIND: AS NOTED
SEA: AS NOTED

ELECTRONIC EQUIPMENT
FATHOMETER: CV1000F
FREQUENCY: 200KHz & 28KHz
HEAVE COMP.: TSS DMS-10
SOS (AVG): GASTAWAY VELOCIMETER
POSITIONING: GASTAWAY / RTK
USCG BEACON: N/A
TIDE GAUGE: N/A

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