

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

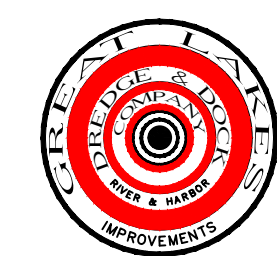
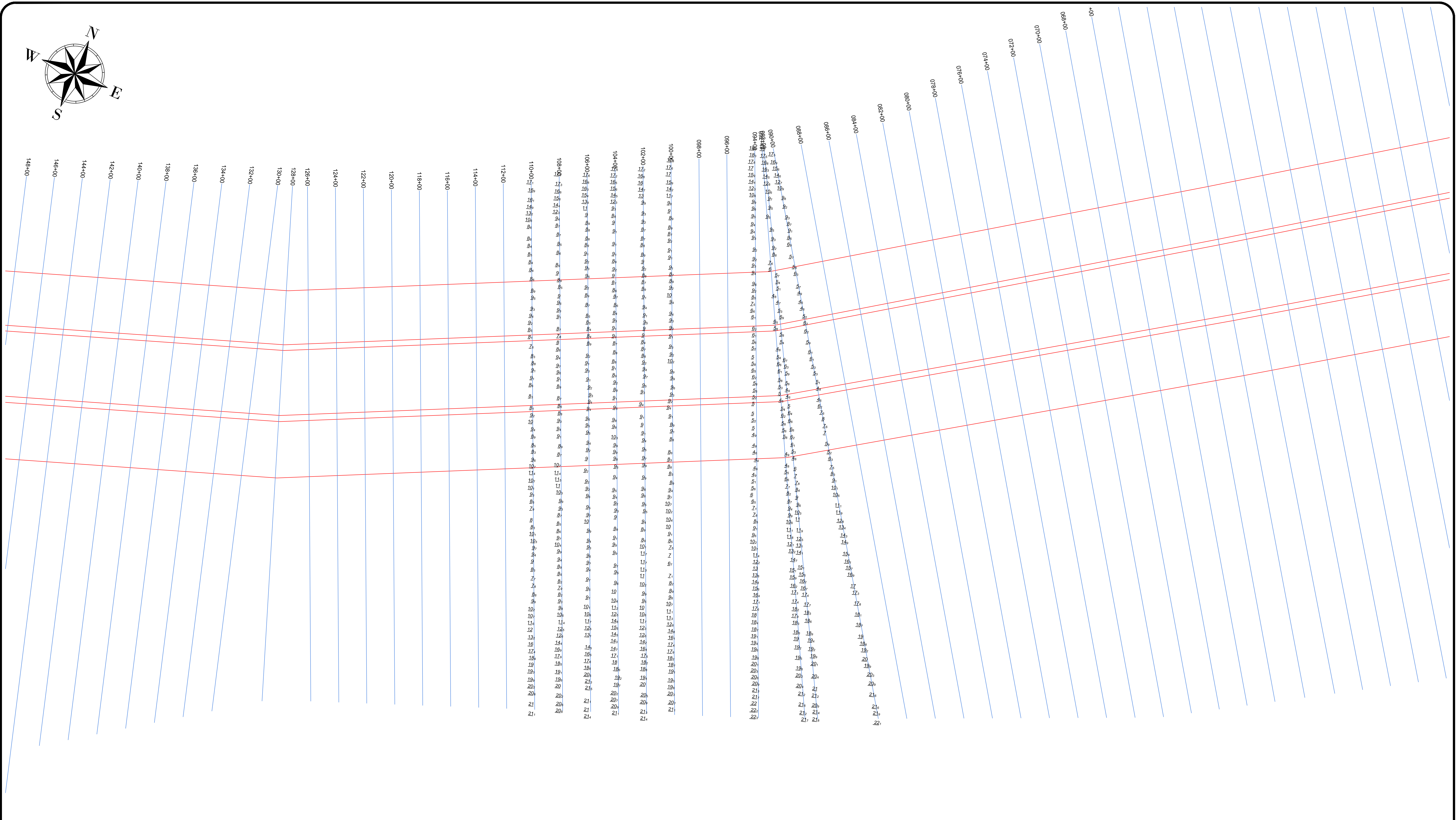
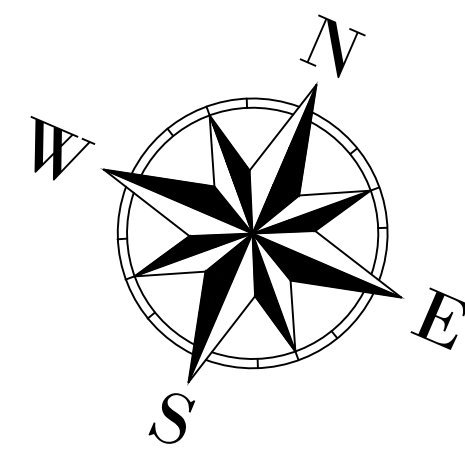


PROJECT Contract # W91278-17-C-0008
 MSCIP Ship Island, Phase 1
 TITLE/SURVEY TITLE Breach Fill BD 78+00 to 104+00

SCALE As Shown
 DATE November 20th, 2017
 GLDD JOB NO. 84510
 USACE JOB NO. W91278-17-C-0008
 FILE NAME W91278-17-C-0008 BREACH BD
 DESIGNED BY M. Huebsch
 APPROVED BY R. Johnson

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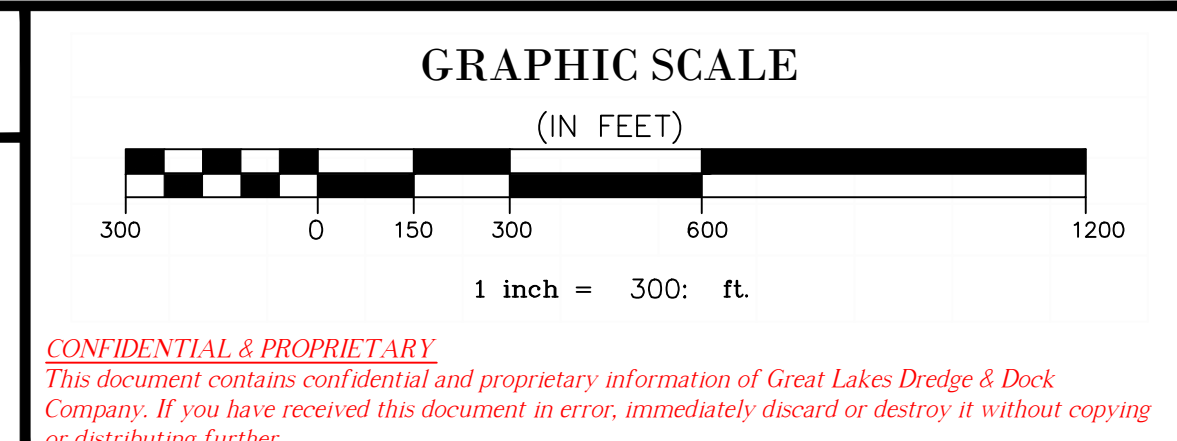
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 2122 YORK ROAD, OAK BROOK IL 60523
 CIVIL ENGINEERING / SURVEYING DIVISION
 Phone: (630) 574-3000 Fax: (630) 574-1515

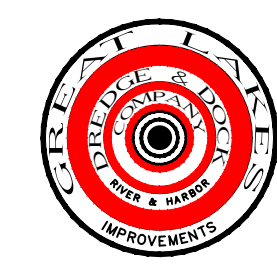
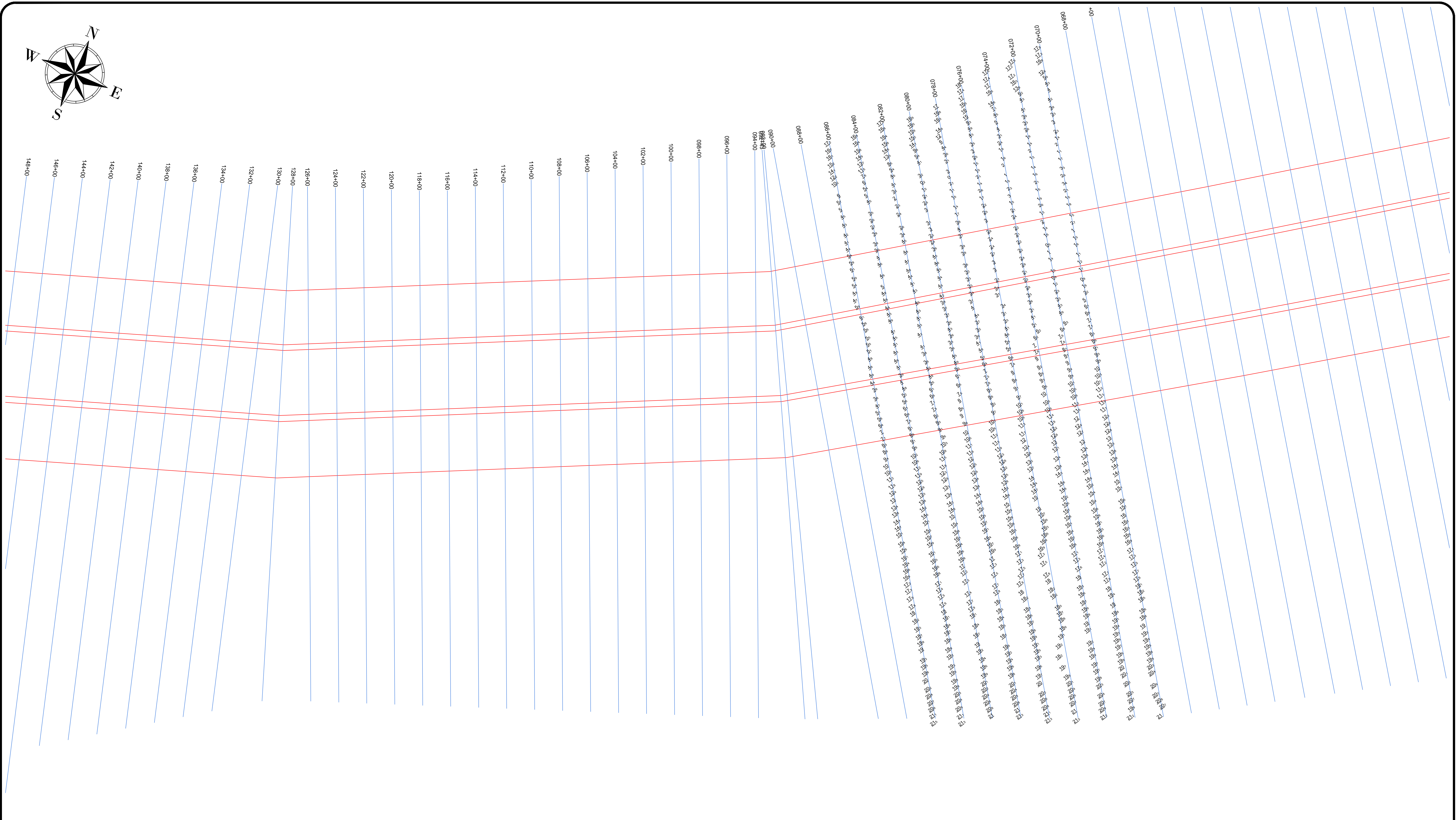
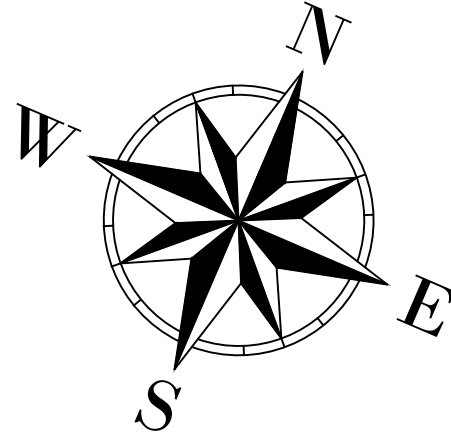
PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 90+00 TO 110+00			
CLIENT JOB NO.: 84510	DRAWN BY: EVAN WILLIAMS	DATE: JANUARY 12, 2016	
CLIENT JOB NO.: W91278-17-C-0008	LAST SAVED BY: EMWILLIAMS	SCALE: 1:300	
FILE NAME: C:\Users\MHuebsch\Dropbox (Great Lakes Dredge & Dock)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\171214 84510 Breach Fill BD STA 86+00 to 110+00\DWG\171214 W91278-17-C-0008_BreachFill_STA_90+00_TO_110+00_BD_Plan View.dwg			

PROJECT SURVEY METADATA	
HORIZONTAL DATUM: US STATE PLANE NAD 83	LOCAL GRID: MISSISSIPPIEAST
VERTICAL DATUM: NAVD83	VERTICAL DATUM: NAVD83
UNITS HORIZ. / VERT.: FEET	UNITS HORIZ. / VERT.: FEET
SURVEY PROJ. CONTROL POINT: X= 131732.754 E Y= 239733.238 N Z= 61.975	SURVEY VESSEL: CHESAPEAKE BAY
SURVEY PROJ. BEACH MARK: X= 1087916.801 E Y= 258810.386 N Z= 3.022	VESSEL OPERATOR: TN, GL
	WEATHER: AS NOTED
	TEMPERATURE: AS NOTED
	WIND: AS NOTED
	SEA: AS NOTED
OPERATOR / CONDITIONS	
SURVEY DATE: 12/11/2017, 12/14/2017	ENGINEER / SUPERVISOR: TN, MB
	SURVEY VESSEL: CHESAPEAKE BAY
	VESSEL OPERATOR: TN, GL
	WEATHER: AS NOTED
	TEMPERATURE: AS NOTED
	WIND: AS NOTED
	SEA: AS NOTED
ELECTRONIC EQUIPMENT	
EATHOMETER: CV1000F	200KHz & 28KHz
HEAVY COMP.: SRS ENCONV. E	SOS (AVG): CASTAWAY VELOCIMETER
POSITIONING: GASS30 / RTK	USCG BEACON: N/A
TIDE GAUGE: N/A	



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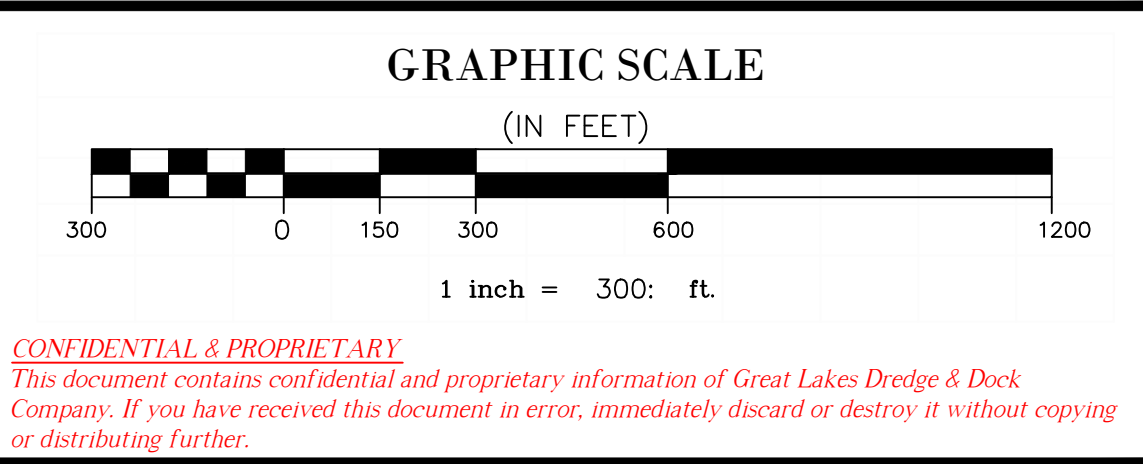
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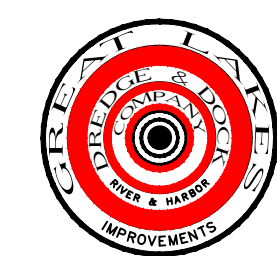
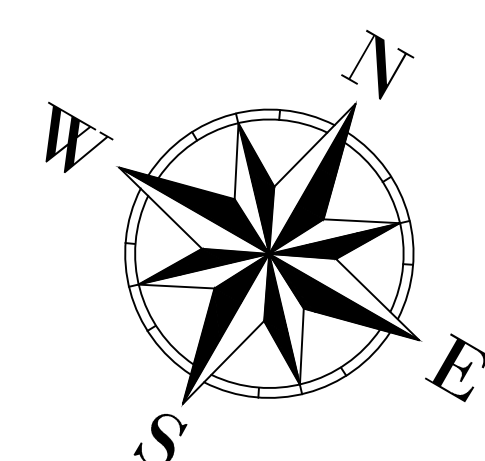
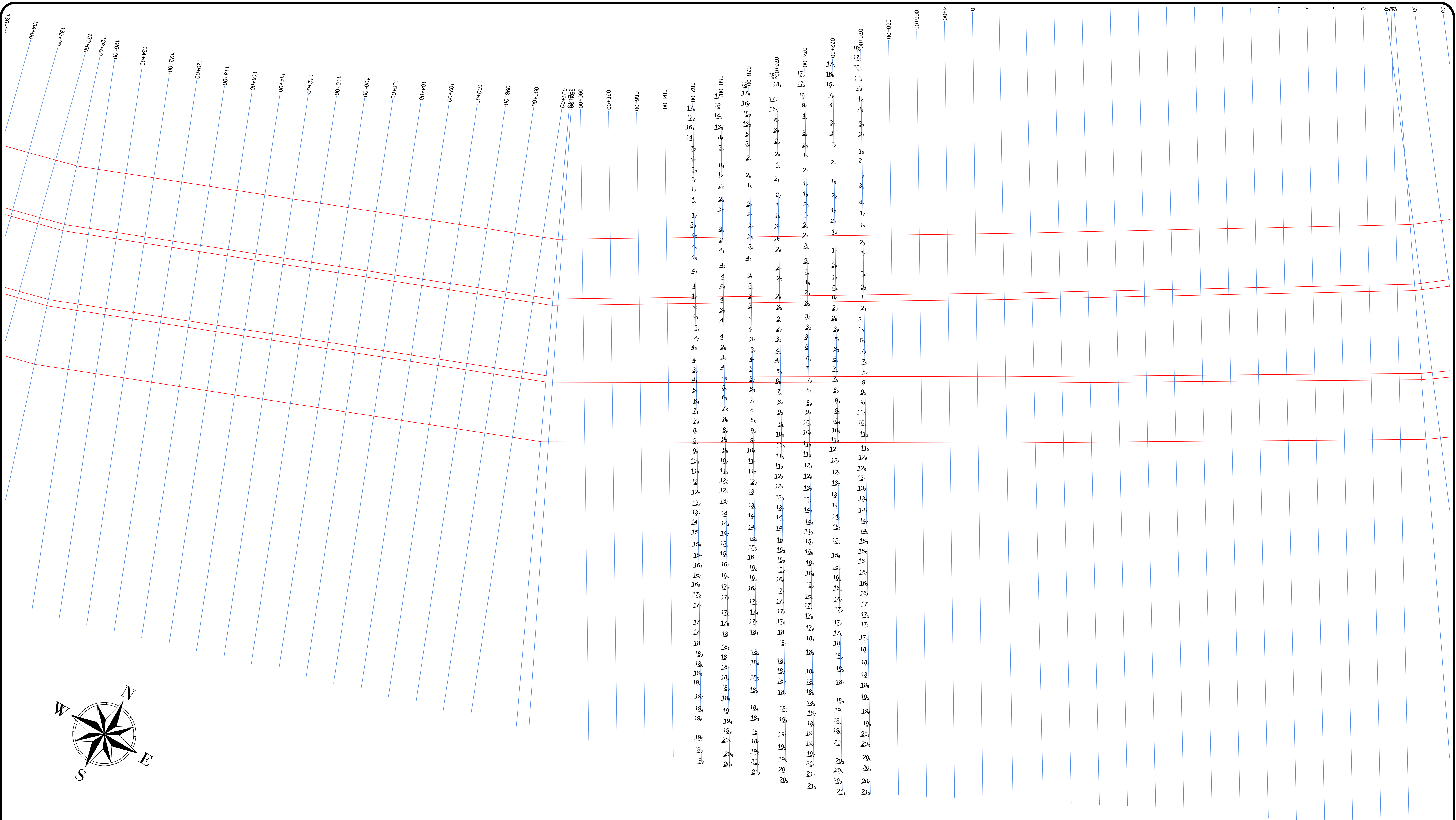
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 2122 YORK ROAD, OAK BROOK IL 60523
 CIVIL ENGINEERING / SURVEYING DIVISION
 Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 70+00 TO 86+00			
GLDD JOB NO.:	84510	DRAWN BY:	MIKE HUEBSCH
CLIENT JOB NO.:	W91278-17-C-0008	DATE:	February 14, 2018
		LAST SAVED BY:	MIKE HUEBSCH
		SCALE:	1:300
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PROJECT SURVEY METADATA	
HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD88
UNITS HORIZ. / VERT.:	FEET
SURVEY PROJ. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 41.975
SURVEY PROJ. BENCH MARK:	X= 1087916.801 E Y= 258910.386 N Z= 3.02
SURVEY PROJ. BENCH MARK LOCATION:	WEST SHIP ISLAND PIER
OPERATOR / CONDITIONS	
SURVEY DATE:	1/21/2018
ENGINEER / SUPERVISOR:	MB
SURVEY VESSEL:	Breach Elizabeth
VESSEL OPERATOR:	GL
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED
ELECTRONIC EQUIPMENT	
BATHYMETR:	CV1000F
FREQUENCY:	200KHz & 28KHz
HEAVY COMP.:	TSS DRUG-00
SDS (AVG):	CASTAWAY VELOCIMETER
POSITIONING:	GAS30 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



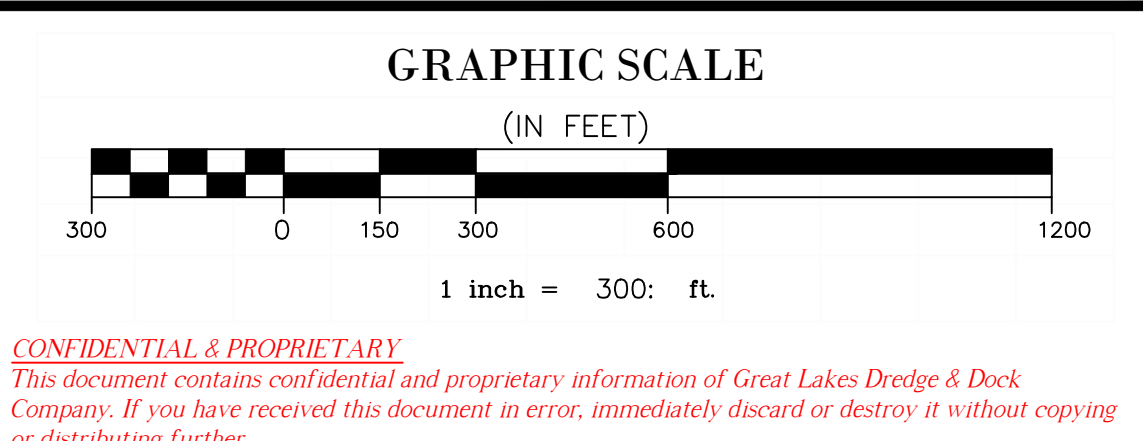
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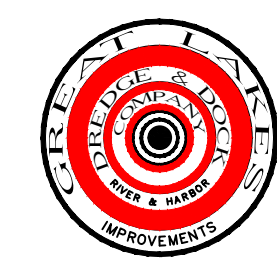
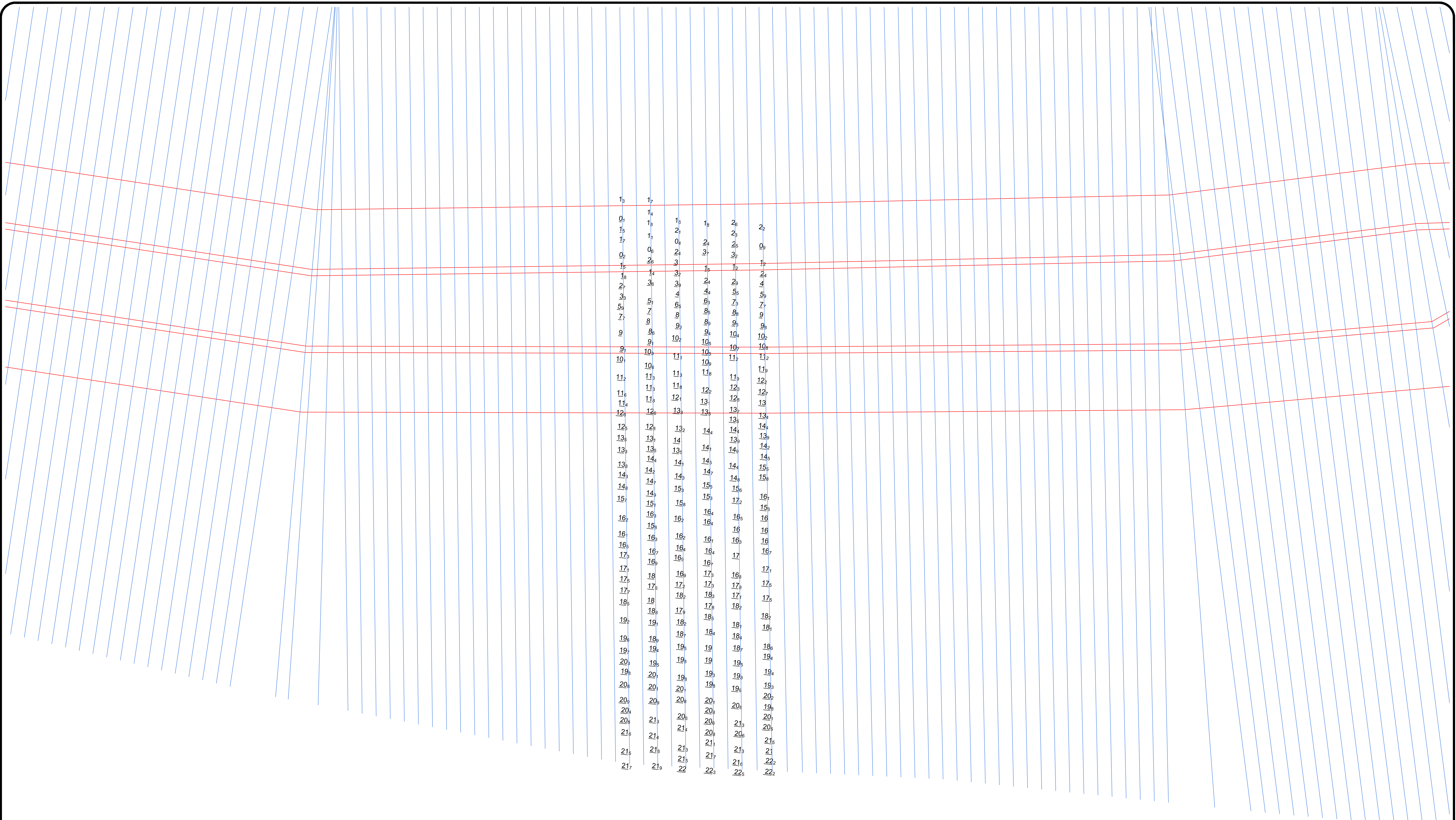
PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 70+00 TO 82+00			
CLIENT JOB NO.: 84510	DRAWN BY: TY WILLIAMS	DATE: March 6, 2018	
CLIENT JOB NO.: W91278-17-C-0008	LAST SAVED BY: TY WILLIAMS	SCALE: 1:300	
FILE NAME: C:\Users\MHuebsch\Dropbox (Great Lakes Dredge & Dock)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\180304 84510 Breach Fill BD 70+00 to 84+00\DWG\180304 W91278-17-C-0008_BreachFill_STA_70+00_TO_84+00_BD PLAN.dwg			

PROJECT SURVEY METADATA	
HORIZONTAL DATUM: US STATE PLANE NAD 83	OPERATOR / CONDITIONS
LOCAL GRID: MISSISSIPPIEAST	SURVEY DATE: 3/04/2018
VERTICAL DATUM: NAVD83	ENGINEER / SUPERVISOR: CB, TN, TW
UNITS HORIZ. / VERT.: FEET	SURVEY VESSEL: Breeze Elizabeth
SURVEY PROJ. CONTROL POINT: X= 131732.754 E Y= 239733.238 N Z= 41.975	VESSEL OPERATOR: JB
SURVEY PROJ. BENCH MARK: X= 108716.801 E Y= 258103.386 N Z= 31.025	WEATHER: AS NOTED
	TEMPERATURE: AS NOTED
	WIND: AS NOTED
	SEA: AS NOTED
	ELECTRONIC EQUIPMENT
	EATHOMETER: CV1000F
	FREQUENCY: 200KHz & 28KHz
	HEAVY COMP.: TSS DRUG-50
	SOS (AVG): CASTAWAY VELOCIMETER
	POSITIONING: GAN50 / RTK
	USCG BEACON: N/A
	TIDE GAUGE: N/A



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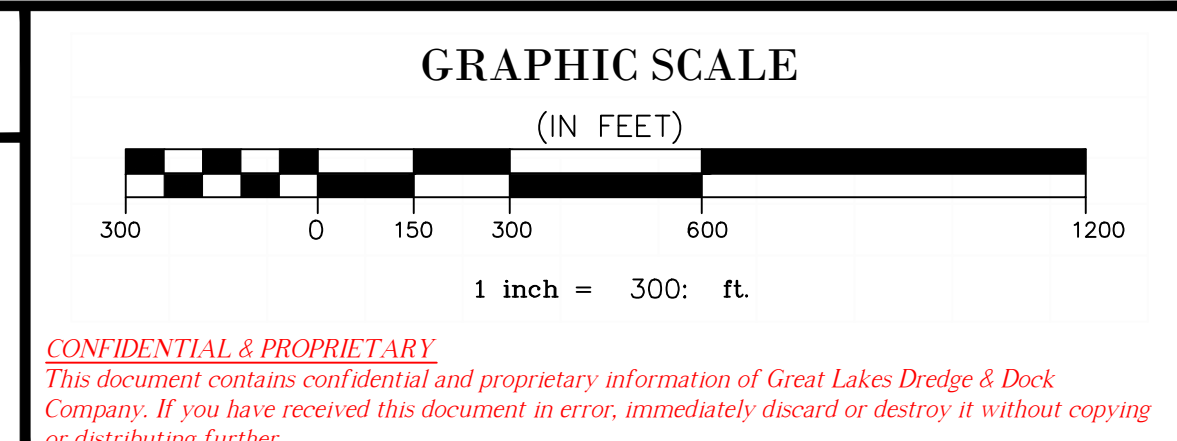
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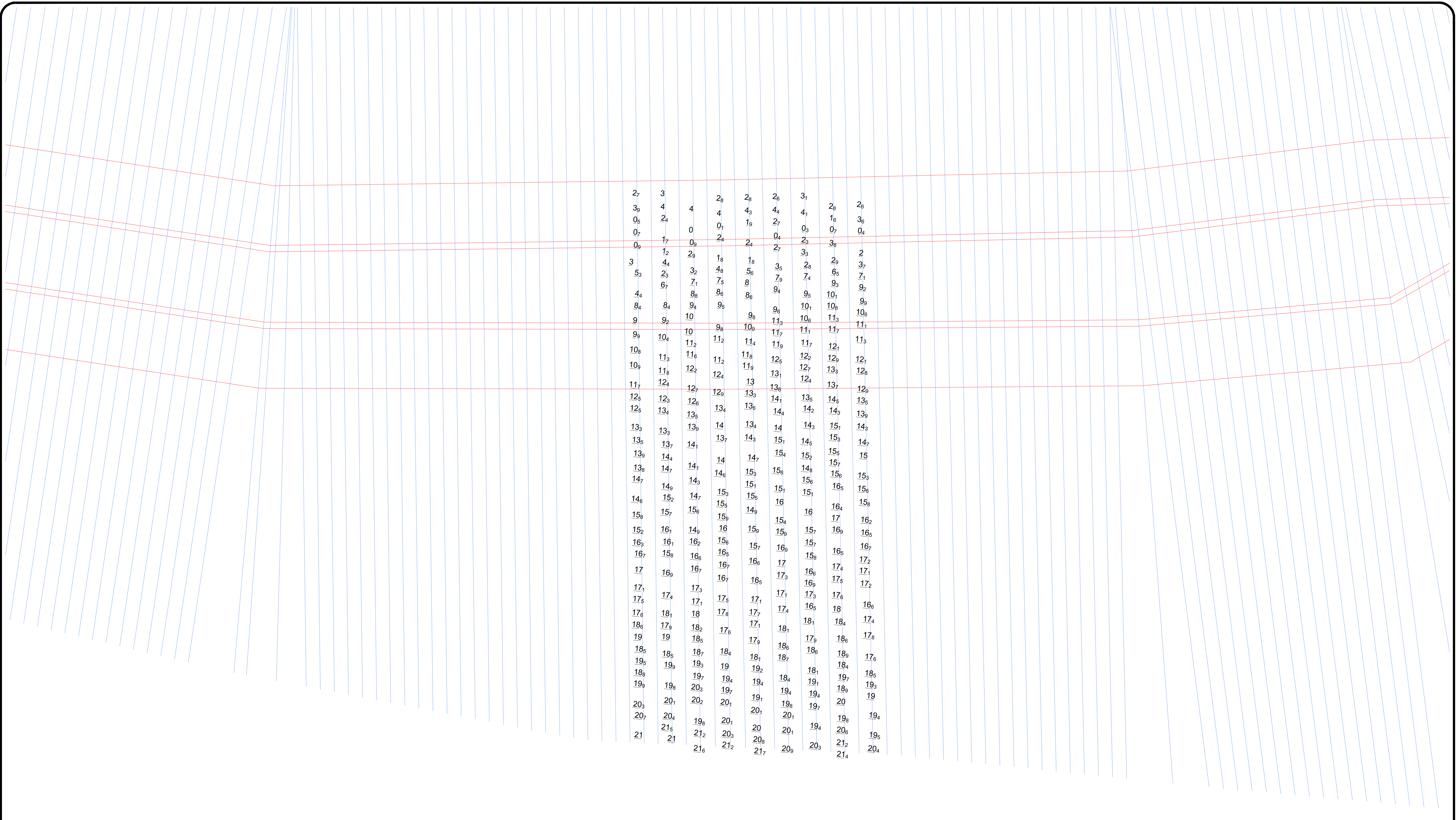
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 CIVIL ENGINEERING / SURVEYING DIVISION
 Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 60+00 TO 70+00			
CLIENT JOB NO.:	84510	DRAWN BY:	MICHAEL TOLIVAR
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	MICHAEL TOLIVAR
DATE:	March 20, 2018	SCALE:	1:300
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PROJECT SURVEY METADATA	
HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD88
UNITS HORIZ. / VERT.:	FEET
SURVEY PROJ. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 41.975
SURVEY PROJ. BENCH MARK:	X= 1087916.801 E Y= 258810.386 N Z= 31.022
WEST SHIP ISLAND PIER LOCATION:	
OPERATOR / CONDITIONS:	
SURVEY DATE:	3/15/2018
ENGINEER / SUPERVISOR:	CB, TN, TW
SURVEY VESSEL:	Brooks Elizabeth
VESSEL OPERATOR:	JB
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED
ELECTRONIC EQUIPMENT:	
EATHOMETER:	CV1000F
FREQUENCY:	200KHz & 28KHz
HEAVY COMP.:	TSS DMS-40
SDS (AVG):	CASSTAWAY VELOCIMETER
POSITIONING:	GAS50 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



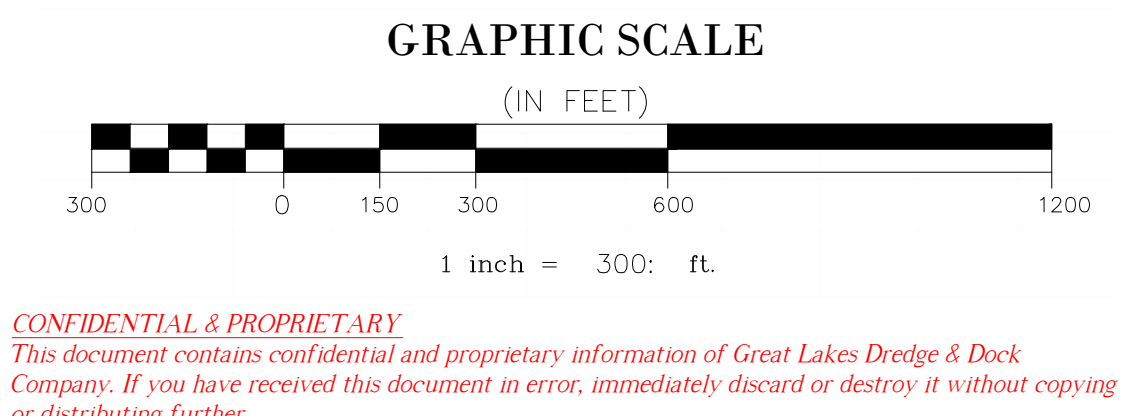
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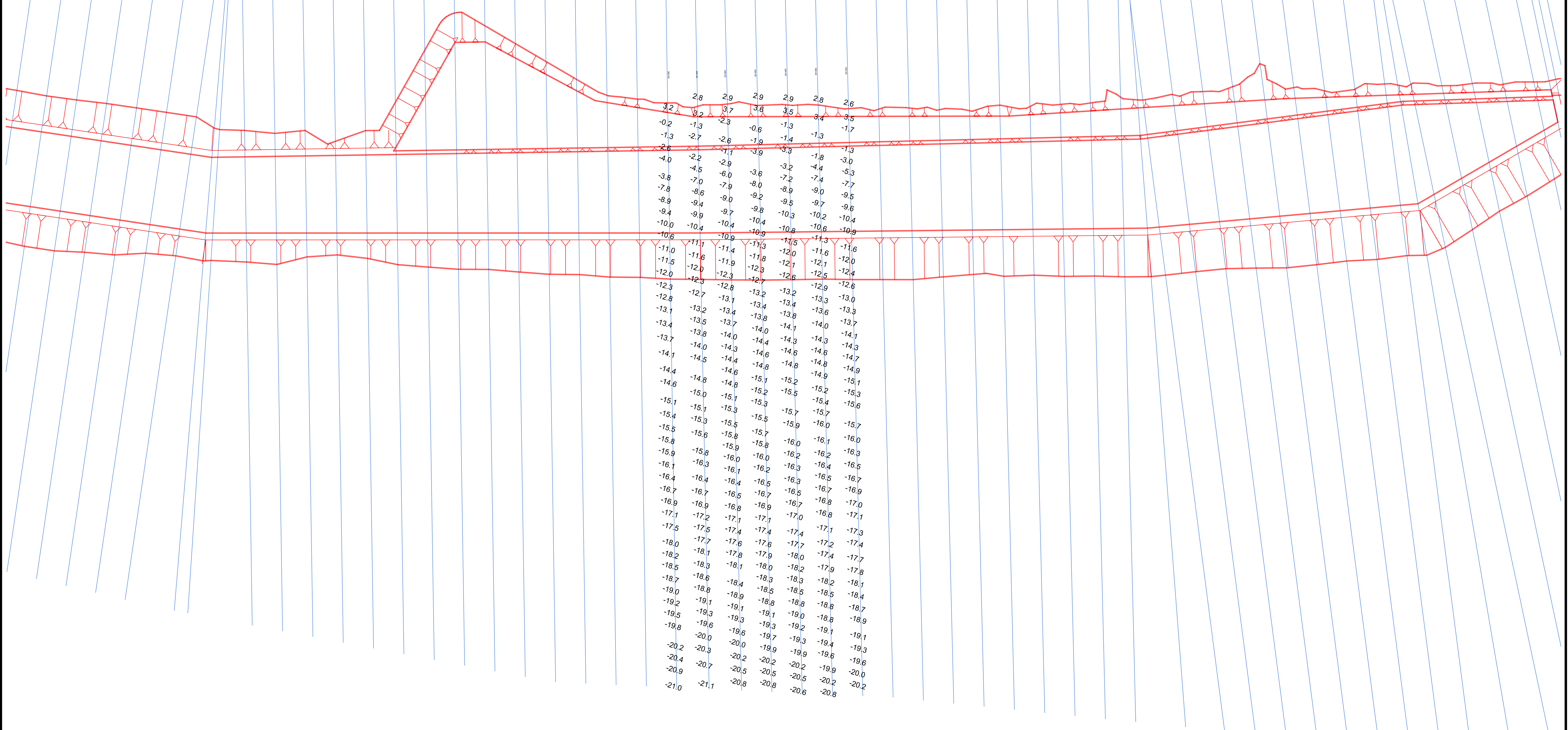
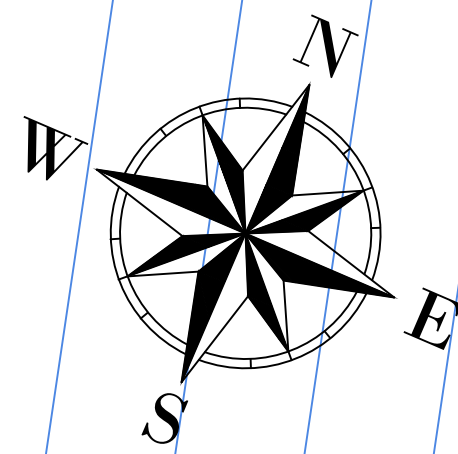
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 CIVIL ENGINEERING / SURVEYING DIVISION
 Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 50+00 TO 66+00			
CLIENT JOB NO.:	84510	DRAWN BY:	EVAN WILLIAMS
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	EVAN WILLIAMS
DATE:	April 3 2018	SCALE:	1:300
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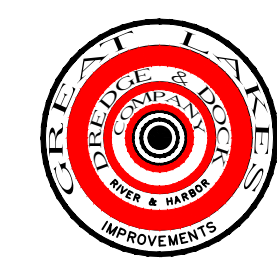
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OPERATOR / CONDITIONS	
ELECTRONIC EQUIPMENT	
HORIZONTAL DATUM: US STATE PLANE NAD 83	
LOCAL GRID: MISSISSIPPIEAST	
VERTICAL DATUM: NAVD83	
UNITS HORIZ. / VERT.: FT / FT	
SURVEY PROJ. CONTROL POINT: X= 131732.754 E	
Y= 239733.238 N	
Z= 41.975	
SURVEY PROJ. BENCH MARK: X= 108716.801 E	
Y= 259810.386 N	
Z= 3.022	
TIDE STAFF LOCATION: WEST SHIP ISLAND PIER	
SURVEY DATE: 04/01/2018	
ENGINEER / SURVEYOR: TN, MB	
SURVEY VESSEL: Echos Elizabeth	
VESSEL OPERATOR: WS	
WEATHER: AS NOTED	
TEMPERATURE: AS NOTED	
WIND: AS NOTED	
SEA: AS NOTED	
FATHOMETER: CV1000F	
FREQUENCY: 200KHz & 28KHz	
HEAVY COMP.: TSS DMS-05	
SOS (AVG): CASTAWAY VELOCIMETER	
POSITIONING: GASSO / RTK	
USCG BEACON: N/A	
TIDE GAUGE: N/A	



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C:\Users\CBarnett\Desktop\180417 W91278-17-C-0008_BreachFill_New_Template_STA_50+00_TO_62+00_BD Plan View.dwg



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 CIVIL ENGINEERING / SURVEYING DIVISION
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PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 50+00 TO 62+00			
CLIENT JOB NO.: 84510	DRAWN BY: C. Barnett	DATE: April 18, 2018	
CLIENT JOB NO.: W91278-17-C-0008	LAST SAVED BY: C. Barnett	SCALE: 1:300	
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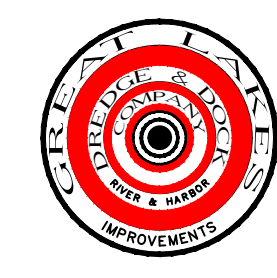
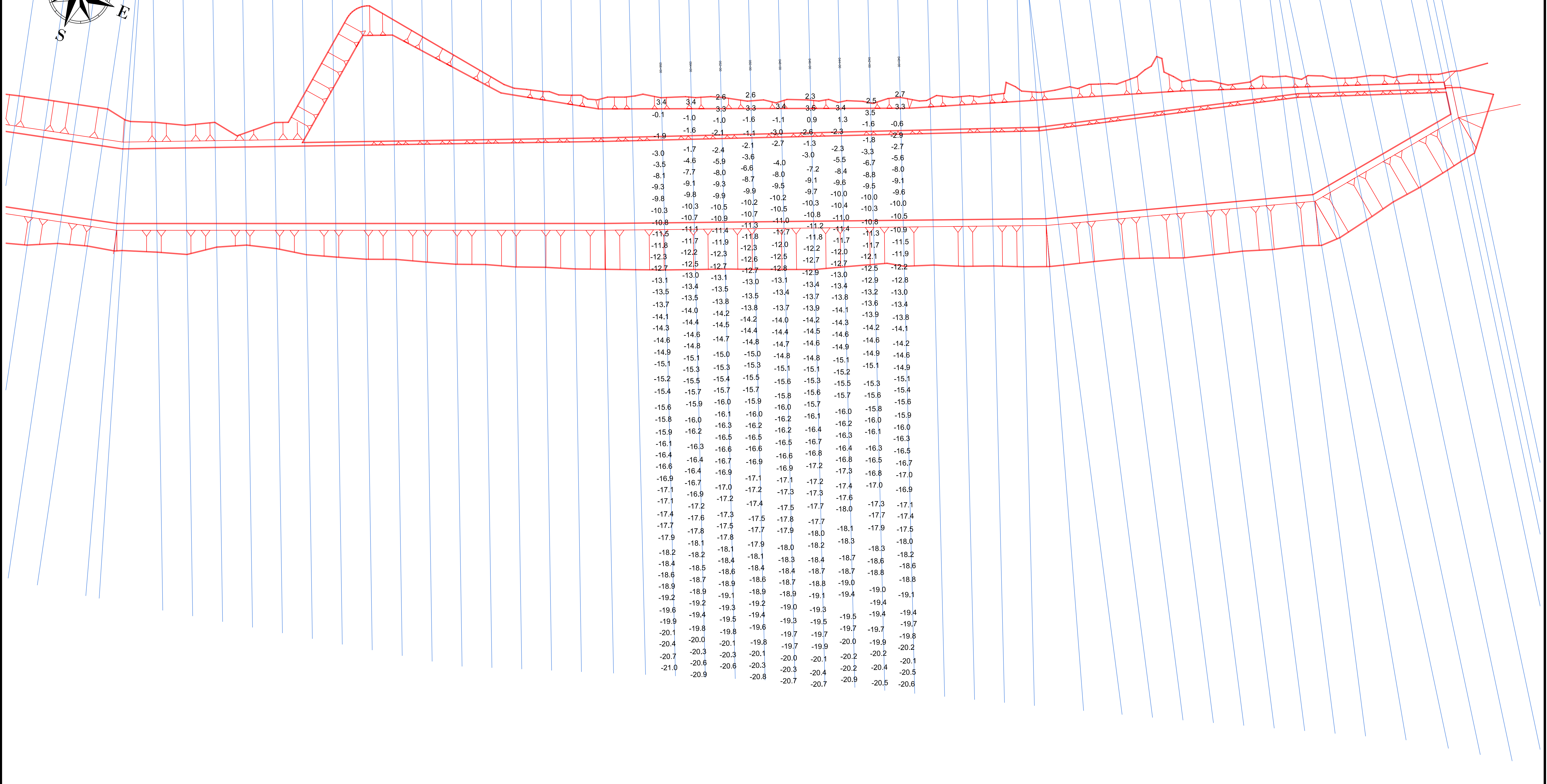
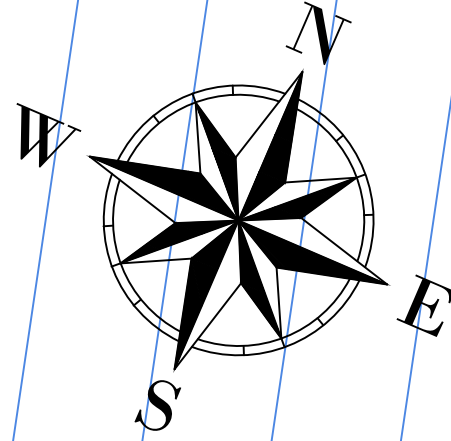
PROJECT SURVEY METADATA		
HORIZONTAL DATUM: US STATE PLANE NAD 83	OPERATOR / CONDITIONS	
LOCAL GRID: MISSISSIPPIEAST	SURVEY DATE: 4/7/18	
VERTICAL DATUM: NAVD83	ENGINEER / SUPERVISOR: CB, JH, MB	
UNITS HORIZ. / VERT.: Survey Feet	SURVEY VESSEL: EDDIE	
SURVEY PROJ. CONTROL POINT: X= 133752.754 E	Y= 239733.238 N	ELECTRONIC EQUIPMENT
Z= 61.975	X= 1087916.801 E	FATHOMER: CV1000F
SURVEY PROJ. BENCH MARK: Y= 258810.386 N	Z= 31.022	FREQUENCY: 200kHz & 280kHz
TIDE STAFF LOCATION: WEST SHIP ISLAND PIER		BEAM COMP.: TSS DRUS-05
		SOS AVG.: CASTAWAY VELOCIMETER
		POSITIONING: GASSO / RTK
		USCG BEACON: N/A
		TIDE GAUGE: N/A

GRAPHIC SCALE
(IN FEET)

1 inch = 300: ft.

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N:\Dropbox (GLDD)\84510-MSICIP\06 Survey\02 Breach\05 Submittal Surveys\180505-180506-84510 Breach Fill BD 40+00 to 56+00\DWG\180506-180506-84510 Breach Fill BD 40+00 TO 56+00_BD Plan View.dwg



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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 BD 40+00 TO 56+00			
CLIENT JOB NO.: 84510	DRAWN BY: C. BARNETT	DATE: MAY 8, 2018	
CLIENT JOB NO.: W91278-17-C-0008	LAST SAVED BY: C. BARNETT	SCALE: 1:300	
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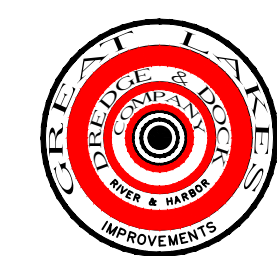
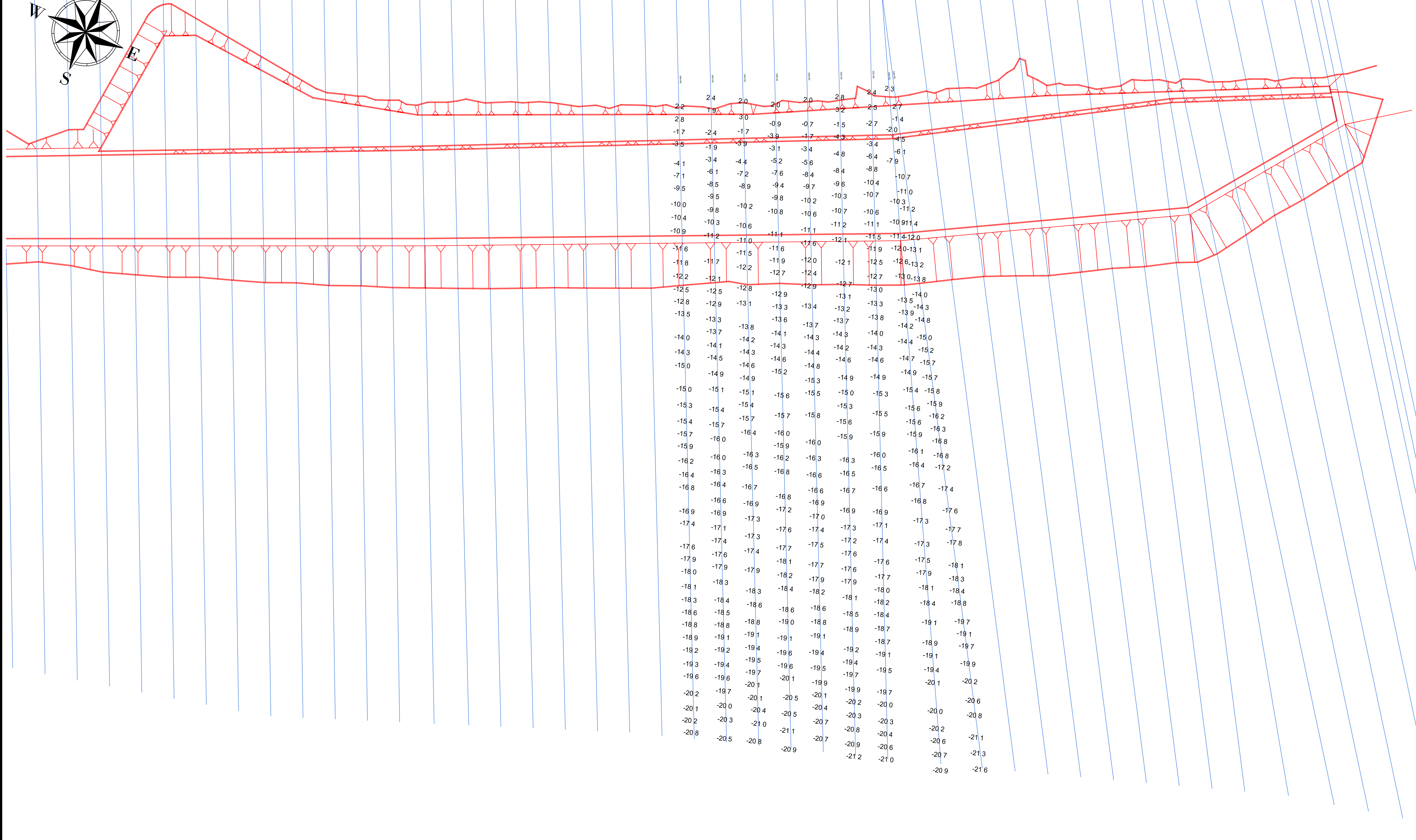
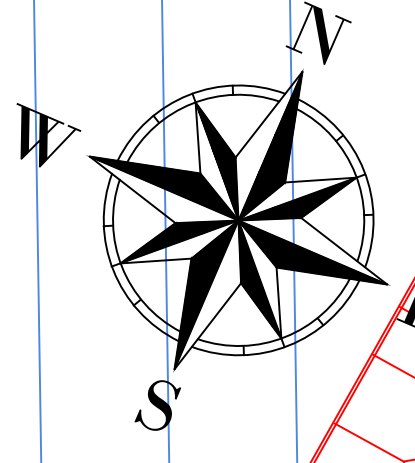
PROJECT SURVEY METADATA	
HORIZONTAL DATUM: US STATE PLANE NAD 83	OPERATOR / CONDITIONS
LOCAL GRID: MISSISSIPPIEAST	SURVEY DATE: 5/5/2018-5/6/2018
VERTICAL DATUM: NAVD83	ENGINEER / SURVEYOR: JH. MR. CD
UNITS HORIZ. / VERT.: Survey Feet	SURVEY VESSEL: EDDIE
SURVEY PROJ. CONTROL POINT: X= 113112.754 E	VESSSEL OPERATOR: EDDIE
Y= 239733.238 N	WEATHER: AS NOTED
Z= 41.975	TEMPERATURE: AS NOTED
X= 1087916.801 E	WIND: AS NOTED
Y= 252810.386 N	SEA: AS NOTED
Z= 31.022	
SURVEY PROJ. BENCH MARK: W6655P ISLAND PIER	

GRAPHIC SCALE
(IN FEET)

1 inch = 300: ft.

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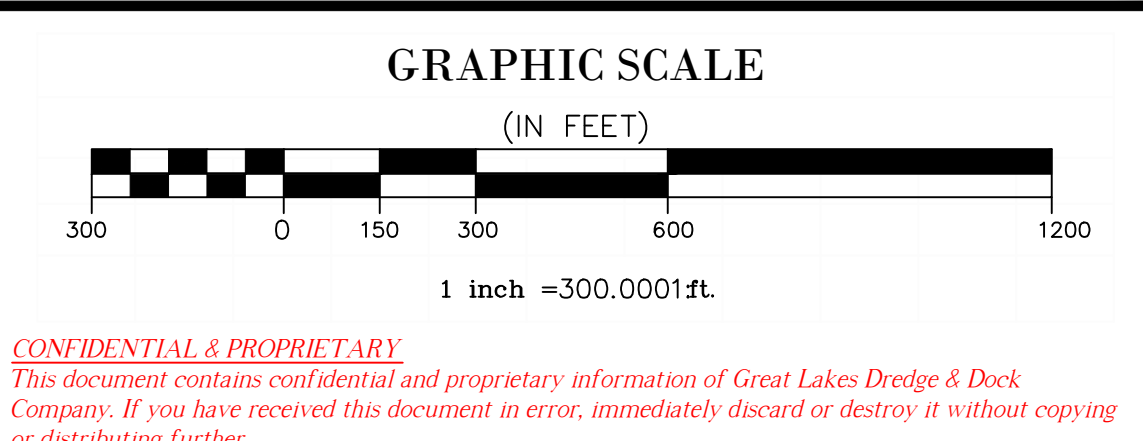
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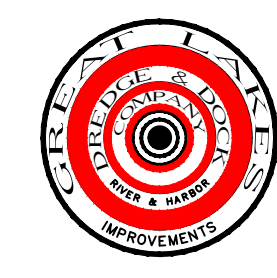
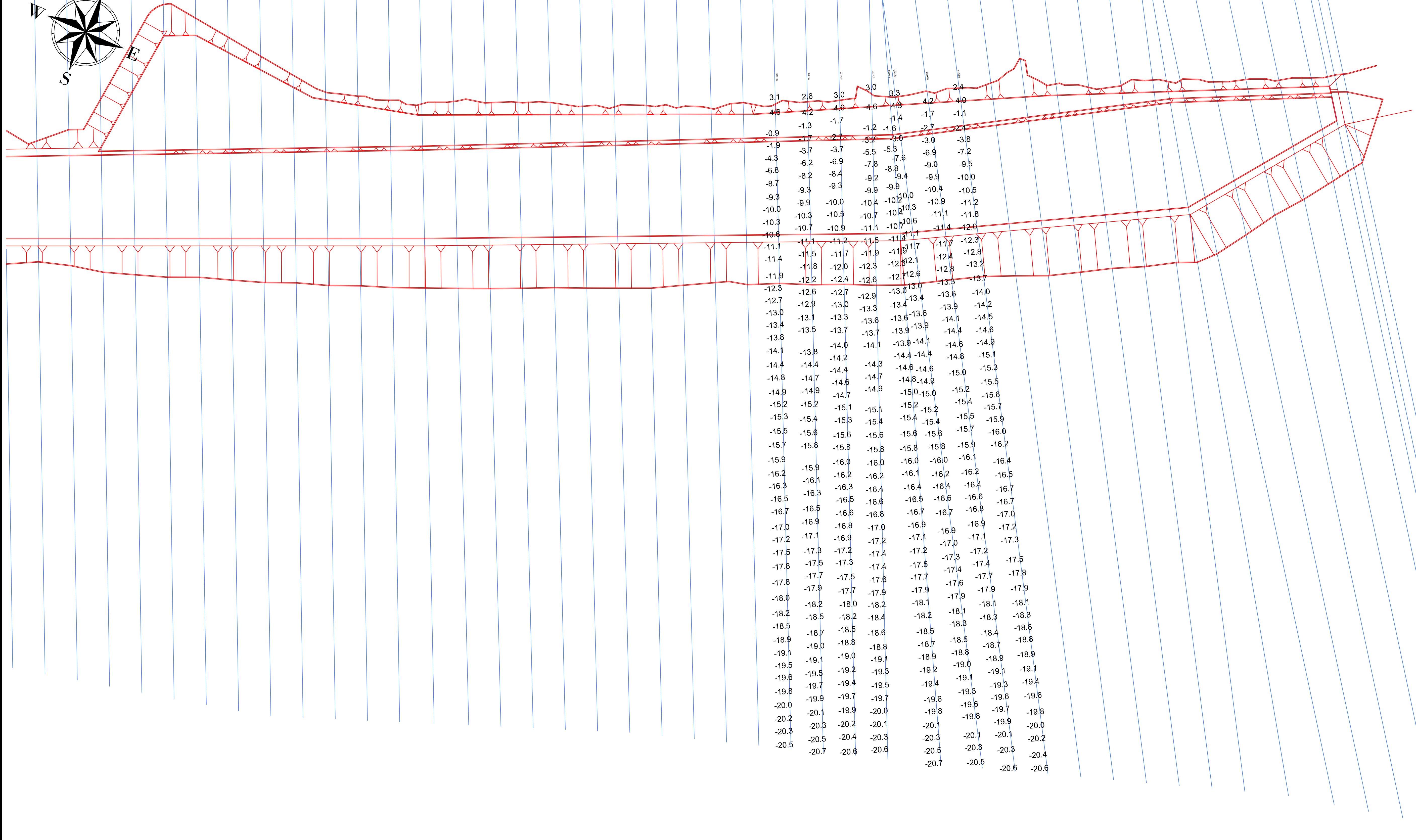
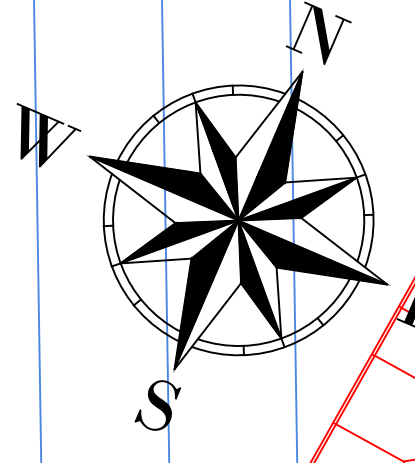
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 2122 YORK ROAD, OAK BROOK IL 60523
 CIVIL ENGINEERING / SURVEYING DIVISION
 Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 30+00 TO 44+00			
CLIENT JOB NO.:	84510	DRAWN BY:	C. BARNETT
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	J. HILL
DATE:	MAY 23, 2018	SCALE:	1:300.0001
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PROJECT SURVEY METADATA	
HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD88
UNITS HORIZ. / VERT.:	Survey Feet
SURVEY PROJ. CONTROL POINT:	X= 113172.754 E Y= 239733.238 N Z= 61.975
SURVEY PROJ. BENCH MARK:	X= 1087916.801 E Y= 258810.386 N Z= 3.002
SURVEY PROJ. BENCH MARK:	WEST SHIP ISLAND PIER
OPERATOR / CONDITIONS	
SURVEY DATE:	5/22/2018
ENGINEER / SUPERVISOR:	JH EW
SURVEY VESSEL:	BROOKS ELIZABETH
VESSEL OPERATOR:	E. DURAN
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED
ELECTRONIC EQUIPMENT	
BATHYMETRY:	CV1000F
FREQUENCY:	200KHz & 28KHz
HEAVY COMP.:	TSS DRUG-05
SDS (AVG):	CASTAWAY VELOCIMETER
POSITIONING:	GA530 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



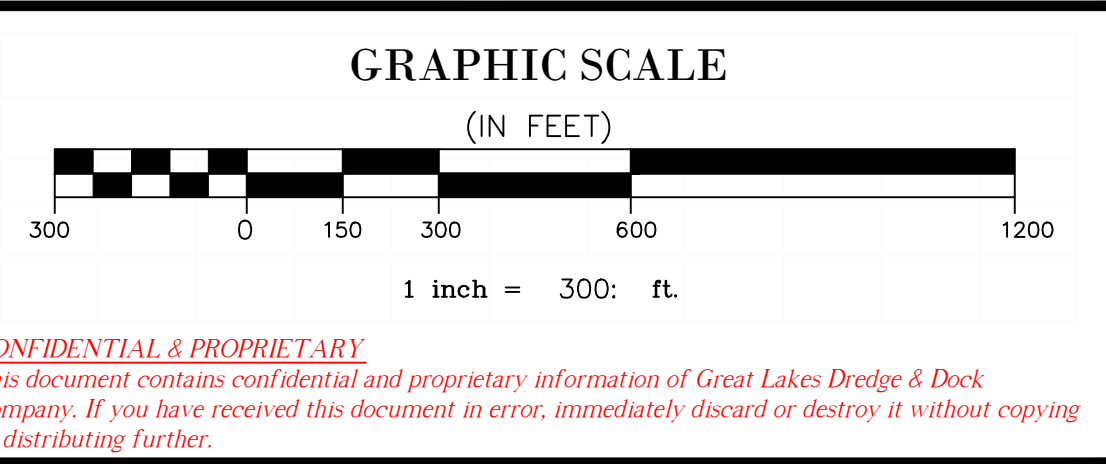
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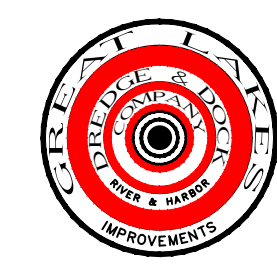
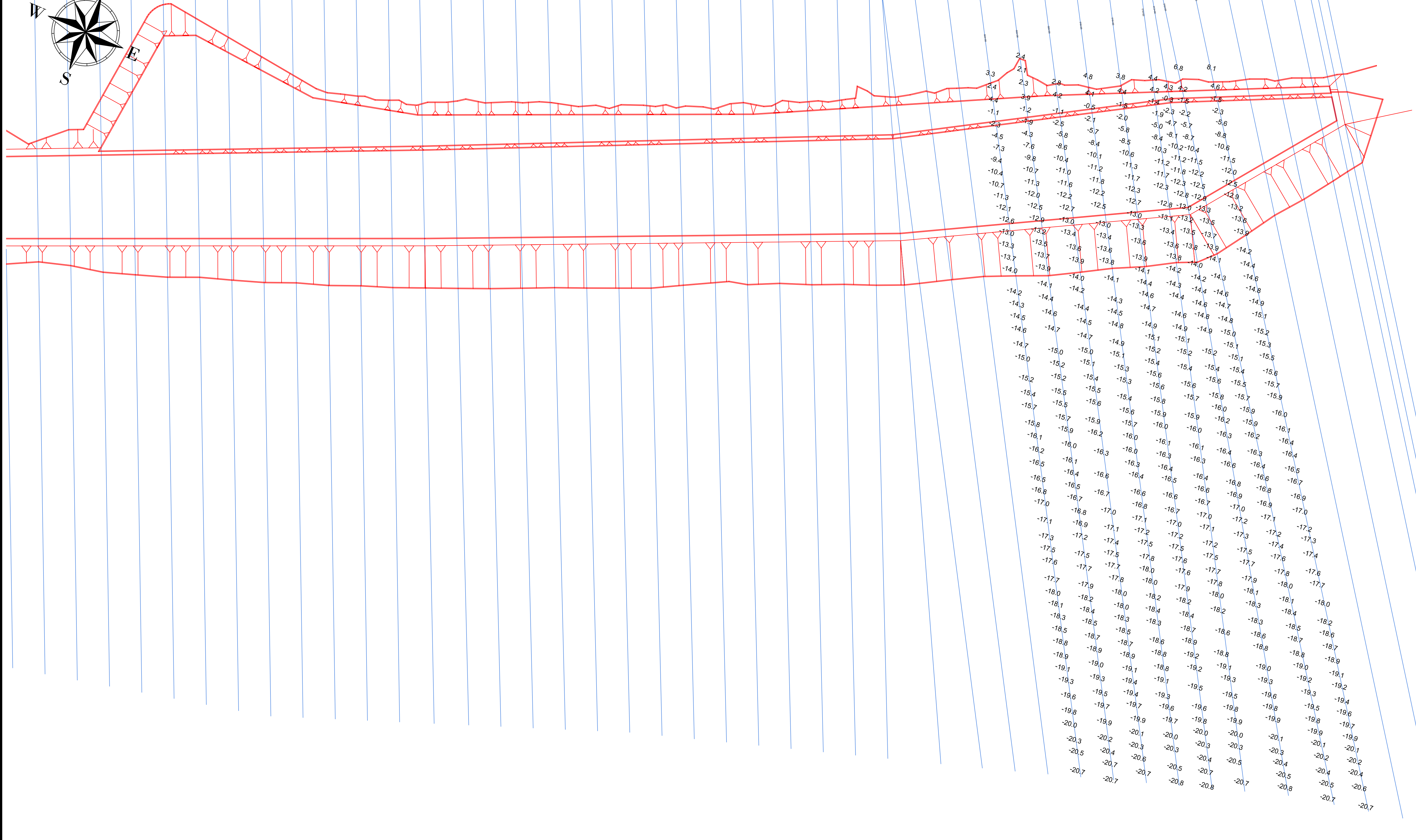
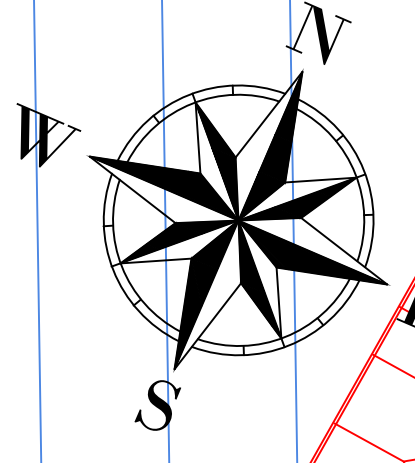
PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 26+00 TO 38+00			
CLIENT JOB NO.:	84510	DRAWN BY:	C. BARNETT
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. Barnett
DATE:	MAY 23, 2018	SCALE:	1:300
FILE NAME: N:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-11 - 180609 84510 Breach Fill BD STA 26+00 To 40+00\DWG\180609 W91278-17-C-0008_BreachFill_STA_26+00_TO_38+00_BD_Plan_View.dwg			

PROJECT SURVEY METADATA	
HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD83
UNITS HORIZ. / VERT.:	Survey Feet
SURVEY PROJ. CONTROL POINT:	X= 131732.754 E Y= 239733.238 N Z= 41.973
SURVEY PROJ. BENCH MARK:	X= 1087916.801 E Y= 258810.386 N Z= 31.022
OPERATOR / CONDITIONS	
SURVEY DATE:	6/09/2018
ENGINEER / SUPERVISOR:	CB, CD, JH
SURVEY VESSEL:	Brooks E2000MB
VESSEL OPERATOR:	E. DURAN
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED
ELECTRONIC EQUIPMENT	
EATHOMETER:	CV1000F
FREQUENCY:	200KHz & 28KHz
HEAVY COMP.:	TSS DRUS-05
SDS (AVG):	CASSTAWAY VELOCIMETER
POSITIONING:	GA530 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



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PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 10+00 TO 24+00			
CLIENT JOB NO.: 84510	DRAWN BY: M. HUEBSCH	DATE: June 30, 2018	
CLIENT JOB NO.: W91278-17-C-0008	LAST SAVED BY: M. HUEBSCH	SCALE: 1:300	
FILE NAME: C:\Users\MHuebsch\Dropbox\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-11 - 180609 84510 Breach Fill BD STA 26+00 To 38+00\DWG\180609 BreachFill_STA_26+00-38+00_BD Plan View.dwg			

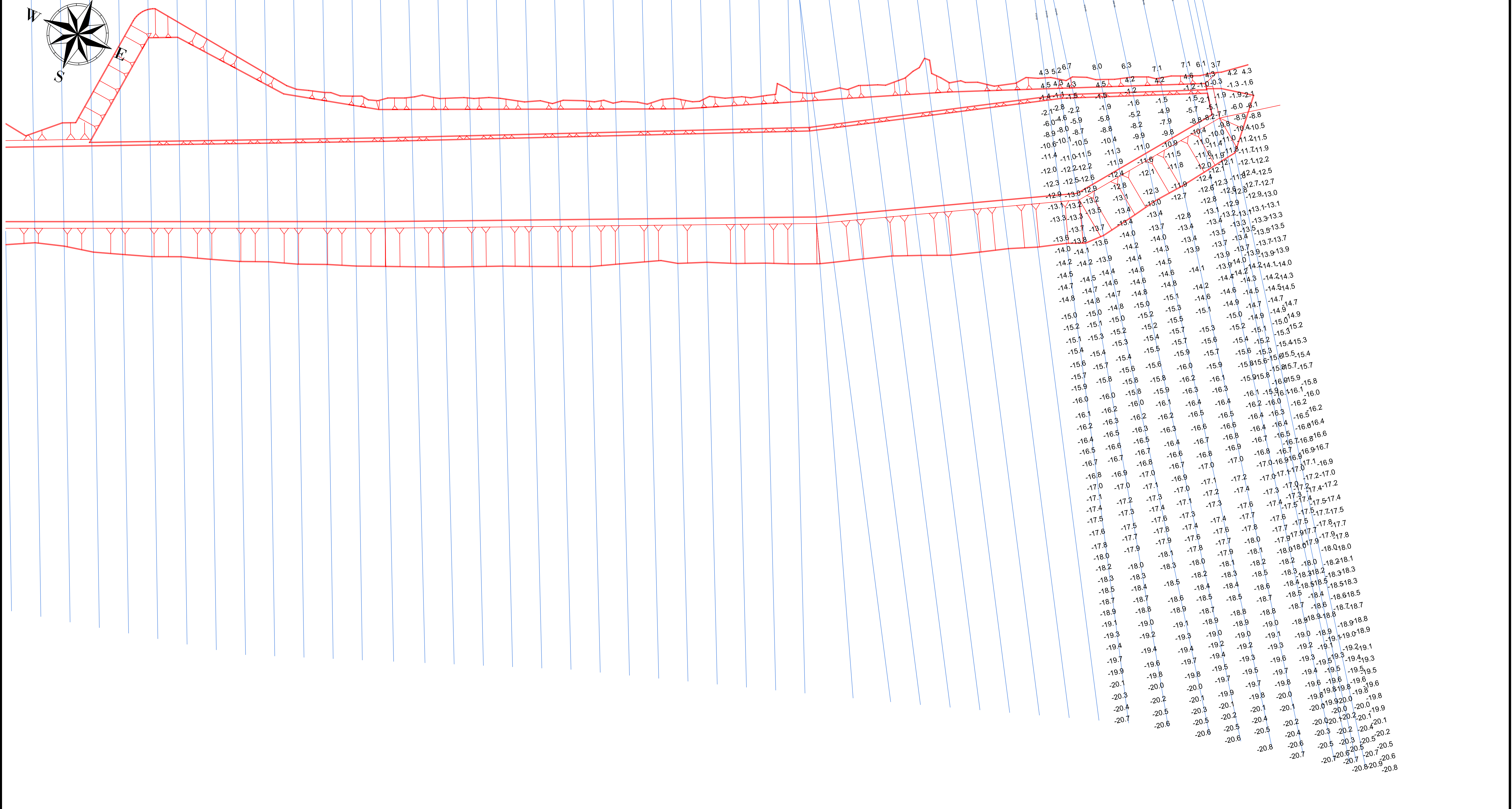
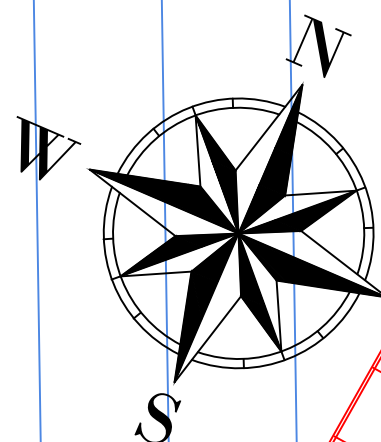
PROJECT SURVEY METADATA	
HORIZONTAL DATUM: US STATE PLANE NAD 83	OPERATOR / CONDITIONS
LOCAL GRID: MISSISSIPPIEAST	SURVEY DATE: 6/25/2018
VERTICAL DATUM: NAVD83	ENGINEER / SUPERVISOR: T.J. JE
SURVEY POINT CONTROL POINT: Survey Point	SURVEY INSTRUMENT: Trimble SPP200
X: 113129.754 E	INSTRUMENT OPERATOR: E. DURAN
Y: 239733.238 N	WEATHER: AS NOTED
Z: 41.975	TEMPERATURE: AS NOTED
X: 1087916.801 E	WIND: AS NOTED
Y: 258810.386 N	SEA: AS NOTED
Z: 31.022	
SURVEY POINT BENCH MARK: WEST SHIP ISLAND PIER	

GRAPHIC SCALE
(IN FEET)

1 inch = 300: ft.

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PROJECT: MSCIP SHIP ISLAND, PHASE 1

TITLE: BREACH FILL BD 0+00 TO 16+00

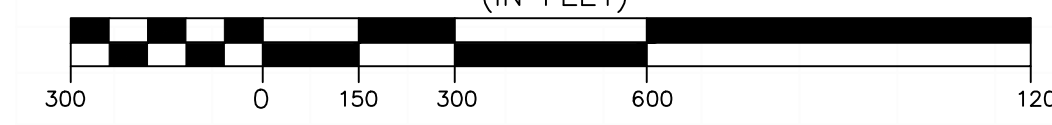
GLDD JOB NO.:	84510	DRAWN BY:	M. HUEBSCH	DATE:	July 13, 2017
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT	SCALE:	1:300

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PROJECT SURVEY METADATA

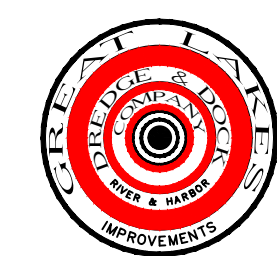
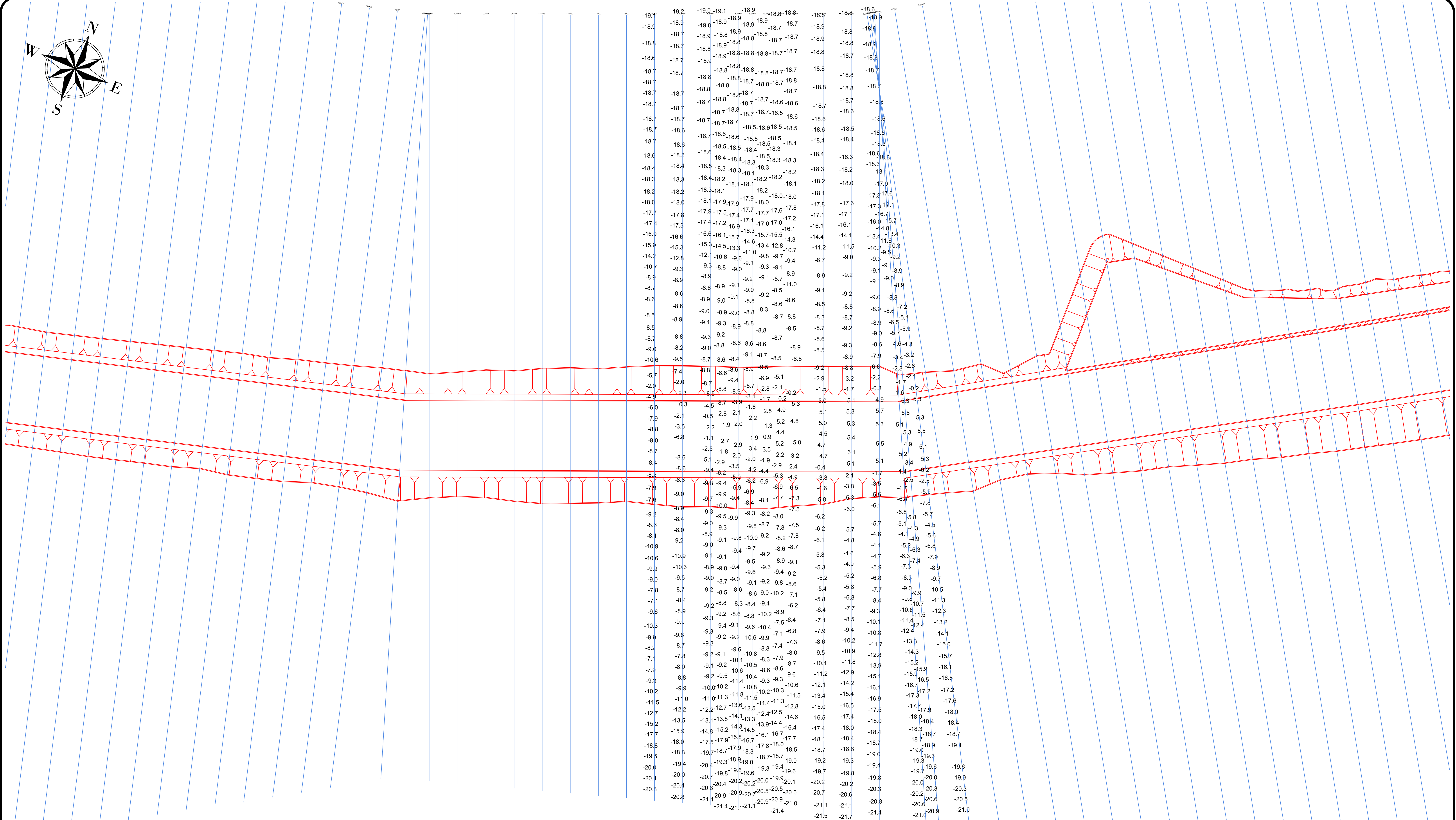
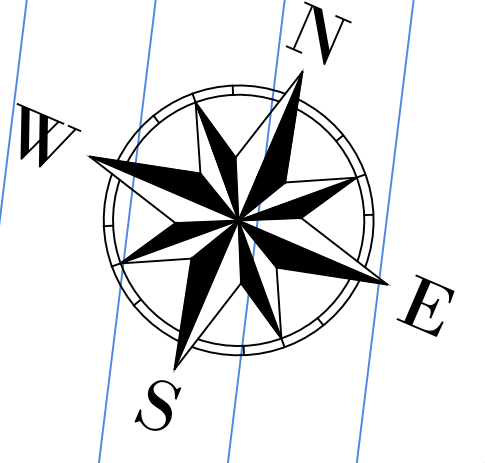
HORIZONTAL DATUM: US STATE PLANE NAD 83 LOCAL GRID: MISSISSIPPIEAST VERTICAL DATUM: NAVD83		OPERATOR / CONDITIONS SURVEY DATE: 7/7/2018 ENGINEER / SUPERVISOR: CB JH JS SURVEY VESSEL: Brooke Elizabeth VESSEL OPERATOR: E. MICHEL WEATHER: AS NOTED TEMPERATURE: AS NOTED WIND: AS NOTED SEA: AS NOTED		ELECTRONIC EQUIPMENT EATHOMER: CV1000F FREQUENCY: 200kHz & 280kHz HEAVY COMP: TSS DMS-DS SCS (ANG): CASTAWAY VELOCIMETER POSITIONING: GASSO/RTK USCG BEACON: N/A TIDE GAUGE: N/A	
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GRAPHIC SCALE
(IN FEET)



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N:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-14 - 180726 84510 Breach Fill INT BD STA 91+00 TO 110+00\DWG\180726 BreachFill_STA_91+00-110+00_INT-BD_Plan_View.dwg



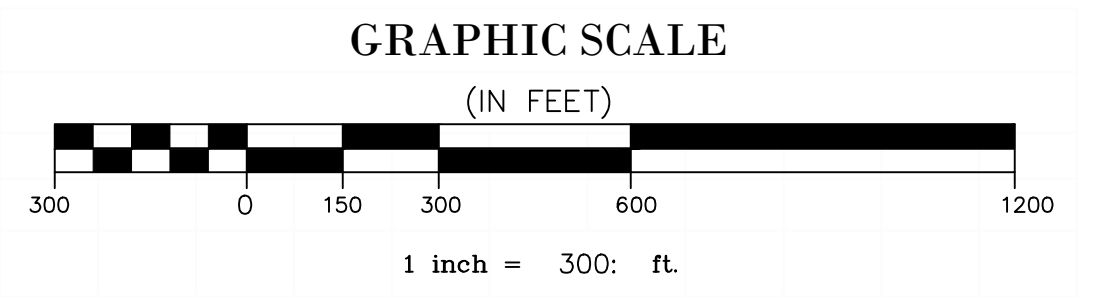
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PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL INT-BD 91+00 TO 110+00			
GLDD JOB NO.:	84510	DRAWN BY:	M. HUEBSCH
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT
DATE:	August 1, 2018	SCALE:	1:300
FILE NAME: N:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-14 - 180726 84510 Breach Fill INT BD STA 91+00 TO 110+00\DWG\180726 BreachFill_STA_91+00-110+00_INT-BD_Plan_View.dwg			

HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD83
UNITS HORIZ. / VERT.:	Survey Feet / Survey Feet
SURVEY PROJ. CONTROL POINT:	X = 131752.754 E Y = 239733238 N Z = 41.975
SURVEY PROJ. BENCH MARK:	X = 108716.801 E Y = 258810.386 N Z = 10.02
WEST SHIP ISLAND PIER	

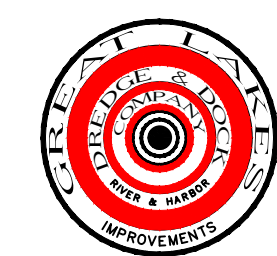
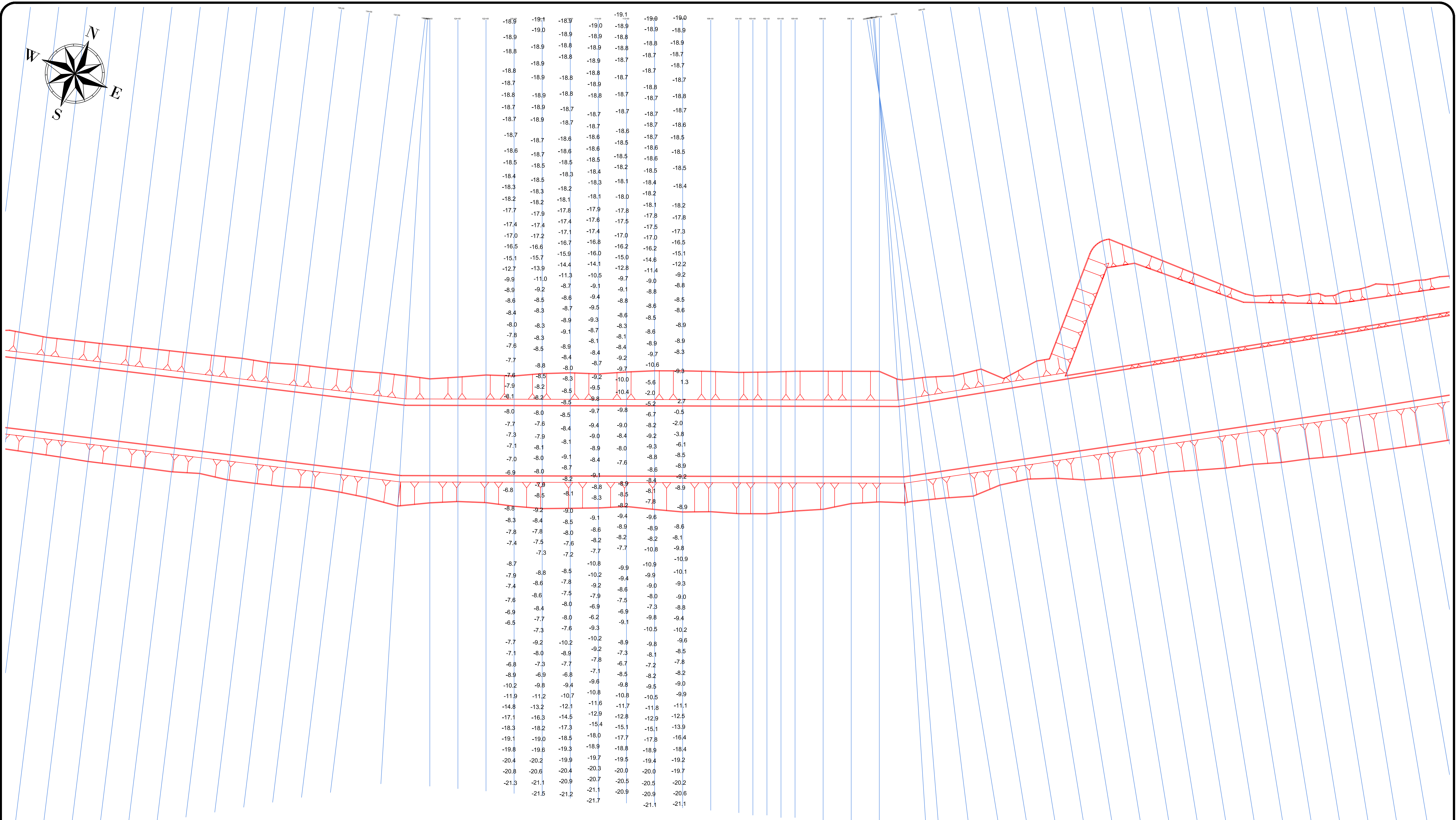
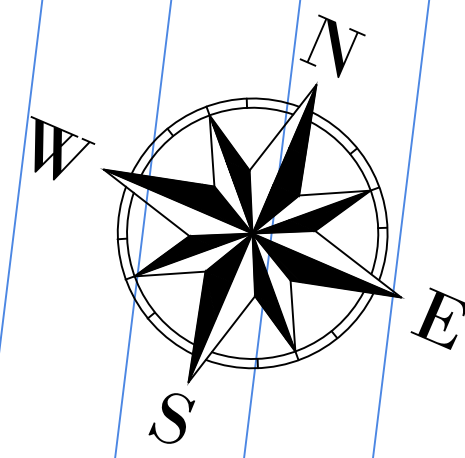
PROJECT SURVEY METADATA	
OPERATOR / CONDITIONS	
SURVEY DATE:	7/25/2018 - 7/26/2018
ENGINEER / SUPERVISOR:	CB JH TB JL
SURVEY VESSEL:	Brooks Edgewater
VESSEL OPERATOR:	E. MICHEL
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED

ELECTRONIC EQUIPMENT	
EATHOMETER:	CV1000F
FREQUENCY:	200kHz & 28kHz
HEAVY COMP.:	TSS DMS-25
SDS (ANG):	GASTAWAY VELOCIMETER
POSITIONING:	GA530 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



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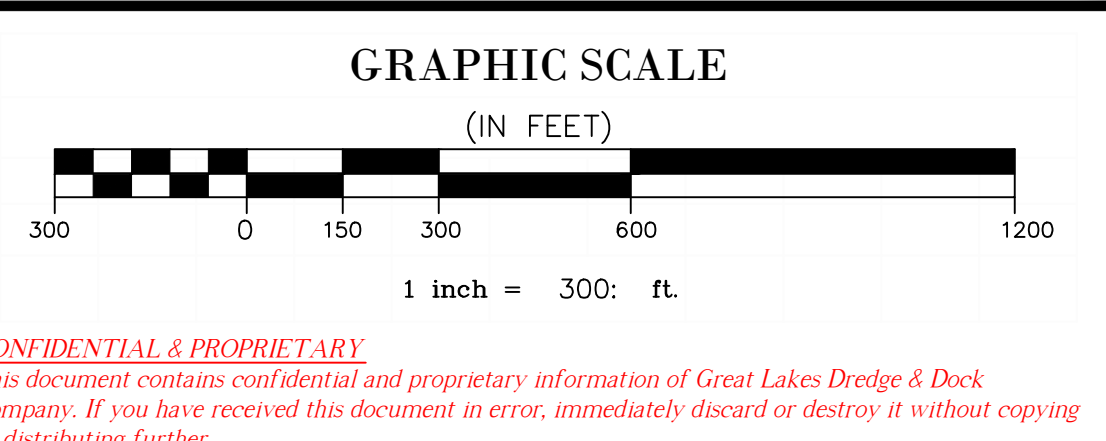
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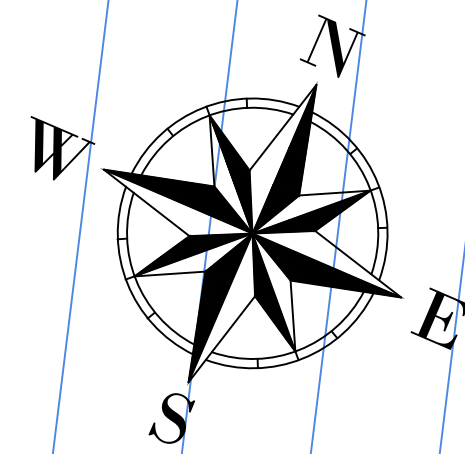
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PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 108+00 TO 120+00			
CLIENT JOB NO.: 84510	DRAWN BY: M. HUEBSCH	DATE: August 14, 2018	
CLIENT JOB NO.: W91278-17-C-0008	LAST SAVED BY: M. HUEBSCH	SCALE: 1:300	
FILE NAME: C:\Users\MHuebsch\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach Fill INT BD STA 91+00 to 110+00\DWG\180726 BreachFill_STA_91+00-110+00-NT-BD Plan View\WEST SHIP ISLAND PIER			

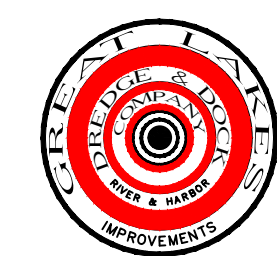
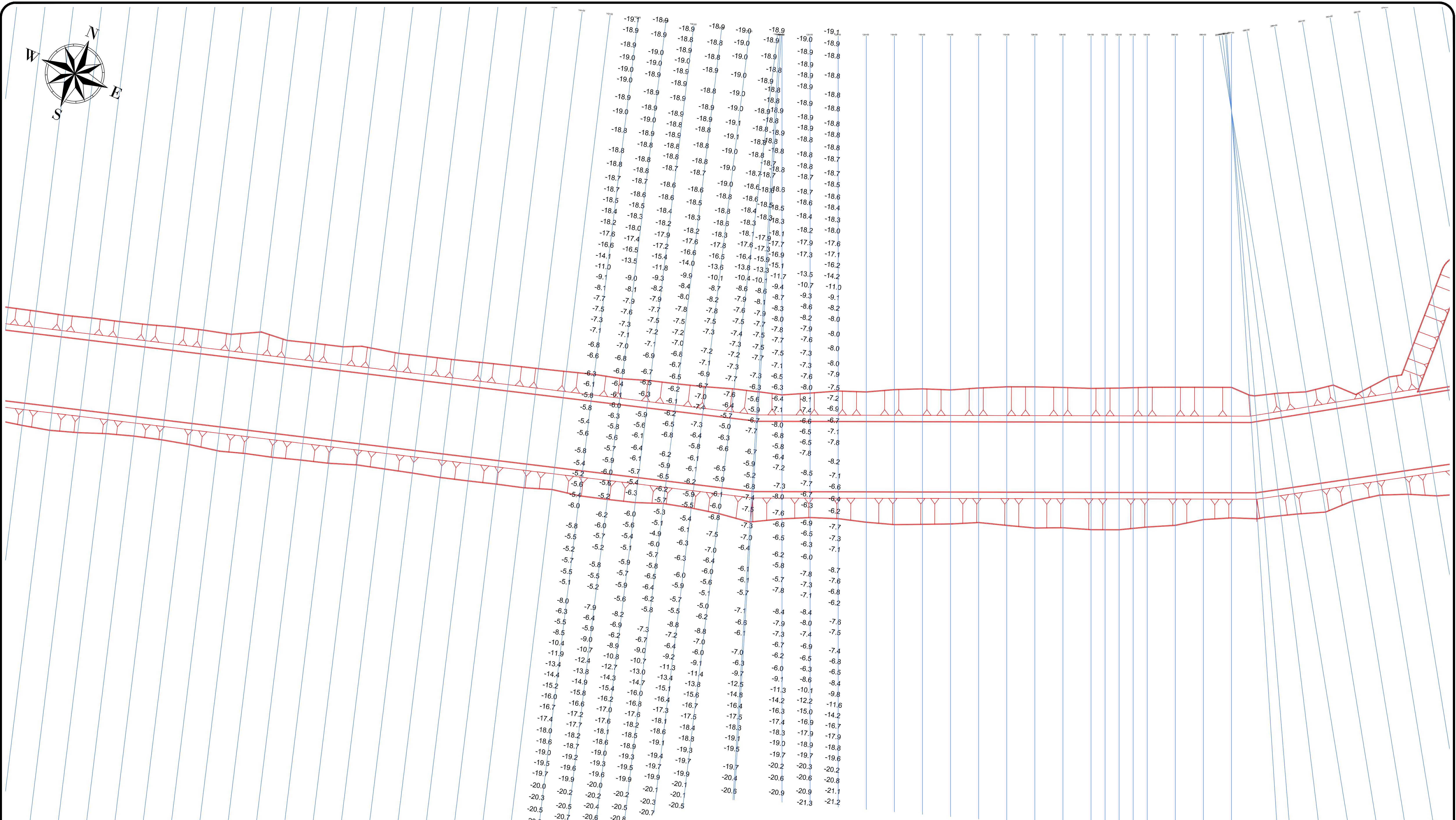
PROJECT SURVEY METADATA	
HORIZONTAL DATUM: US STATE PLANE NAD 83	OPERATOR / CONDITIONS
LOCAL GRID: MISSISSIPPIEAST	SURVEY DATE: 8/8/2018 - 8/9/2018
VERTICAL DATUM: NAVD83	ENGINEER / SUPERVISOR: JS EW TB
UNITS HORIZ. / VERT.: Survey Feet	SURVEY VESSEL: Brocka E2200db
SURVEY PROJ. CONTROL POINT: X= 113172.754 E	VESSEL OPERATOR: E. MICHEL
Z= 41.975	WEATHER: AS NOTED
SURVEY PROJ. BENCH MARK: X= 108716.801 E	TEMPERATURE: AS NOTED
Z= 25810.386 N	WIND: AS NOTED
Z= 31.022	SEA: AS NOTED
	ELECTRONIC EQUIPMENT
	EATHOMETER: CV1000F
	FREQUENCY: 200KHz & 280KHz
	HEAVY COMP.: TSS DMS-40
	SDS (AVG): CASTAWAY VELOCIMETER
	POSITIONING: GASSO / RTK
	USCG BEACON: N/A
	TIDE GAUGE: N/A



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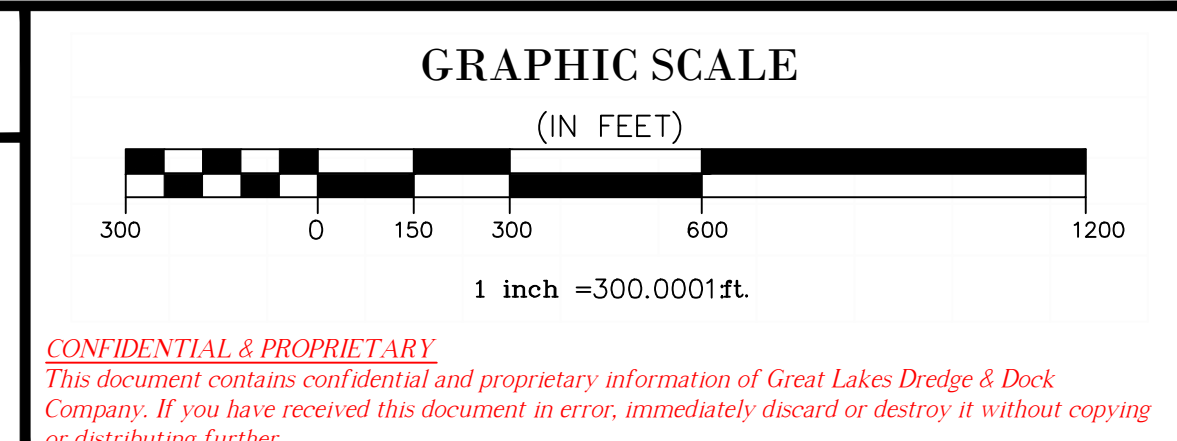
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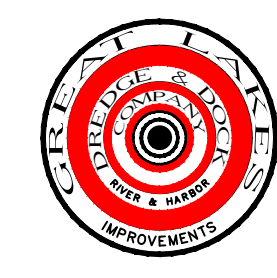
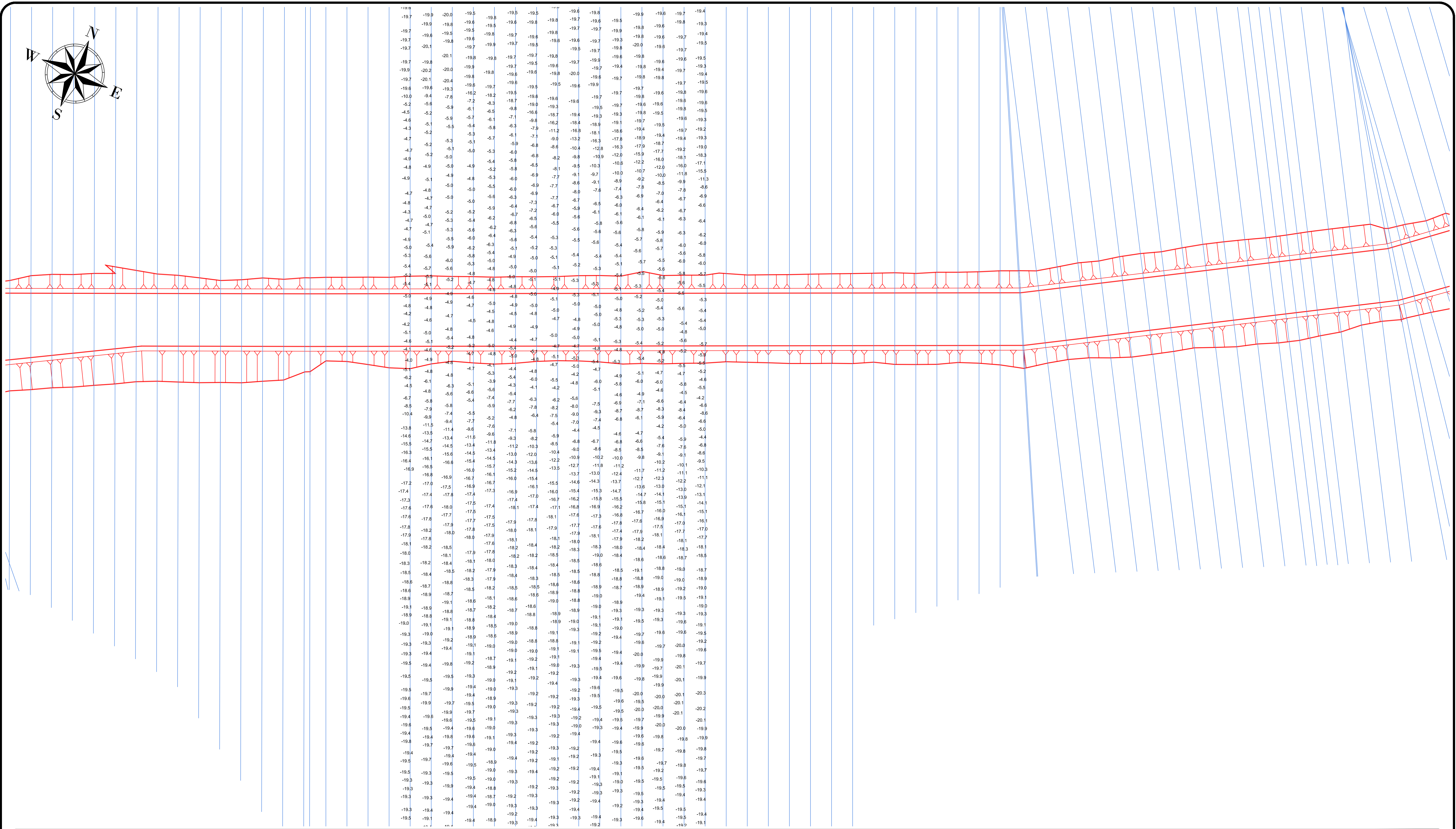
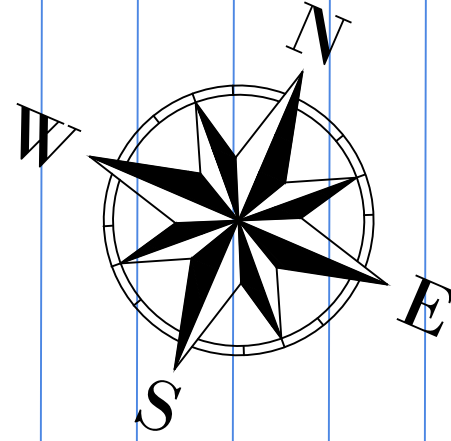
PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD 122+00 TO 140+00			
GLDD JOB NO.:	84510	DRAWN BY:	C. BARNETT
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	C. BARNETT
DATE:	August 24, 2018	SCALE:	1:300.0001
FILE NAME: N:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-16 - 180822 84510 Breach Fill BD STA 122+00 to 140+00\DWG\180824 BreachFill_STA_122+00-140+00_BD Plan View.dwg			

PROJECT SURVEY METADATA	
HORIZONTAL DATUM:	US STATE PLANE MAD 83
VERTICAL DATUM:	MISSISSIPPIEAST
UNITS HORIZ. / VERT.:	NAVD83 / 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= 258810.386 N Z= 10.02
OPERATOR / CONDITIONS:	DATE: 8/22/2018 - 8/24/2018 ENGINEER / SURVEYOR: JS CB SURVEY VESSEL: Brodie Elizabeth VESSEL OPERATOR: E. DURAN WEATHER: AS NOTED TEMPERATURE: AS NOTED WIND: AS NOTED SEA: AS NOTED
ELECTRONIC EQUIPMENT:	FATHOMETER: CV1000F PROXIMITY: 200KHz & 280KHz HEAVY COMP.: TSS DRUS-05 SOS (ANG): CASTAWAY VELOCMETER POSITIONING: GASSO / RTK USCG BEACON: N/A TIDE GAUGE: N/A



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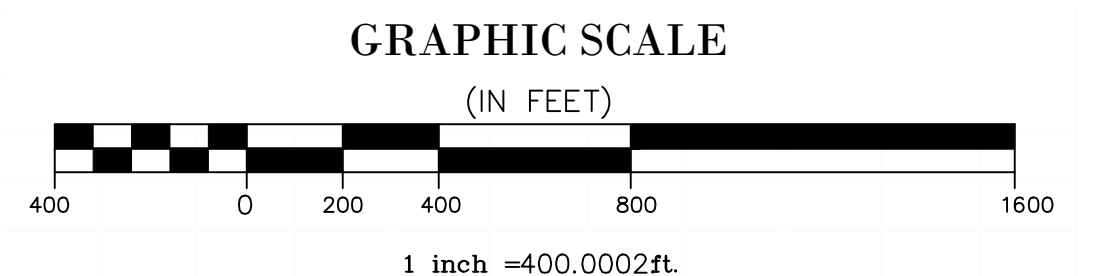
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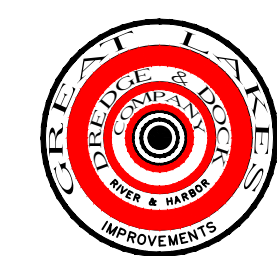
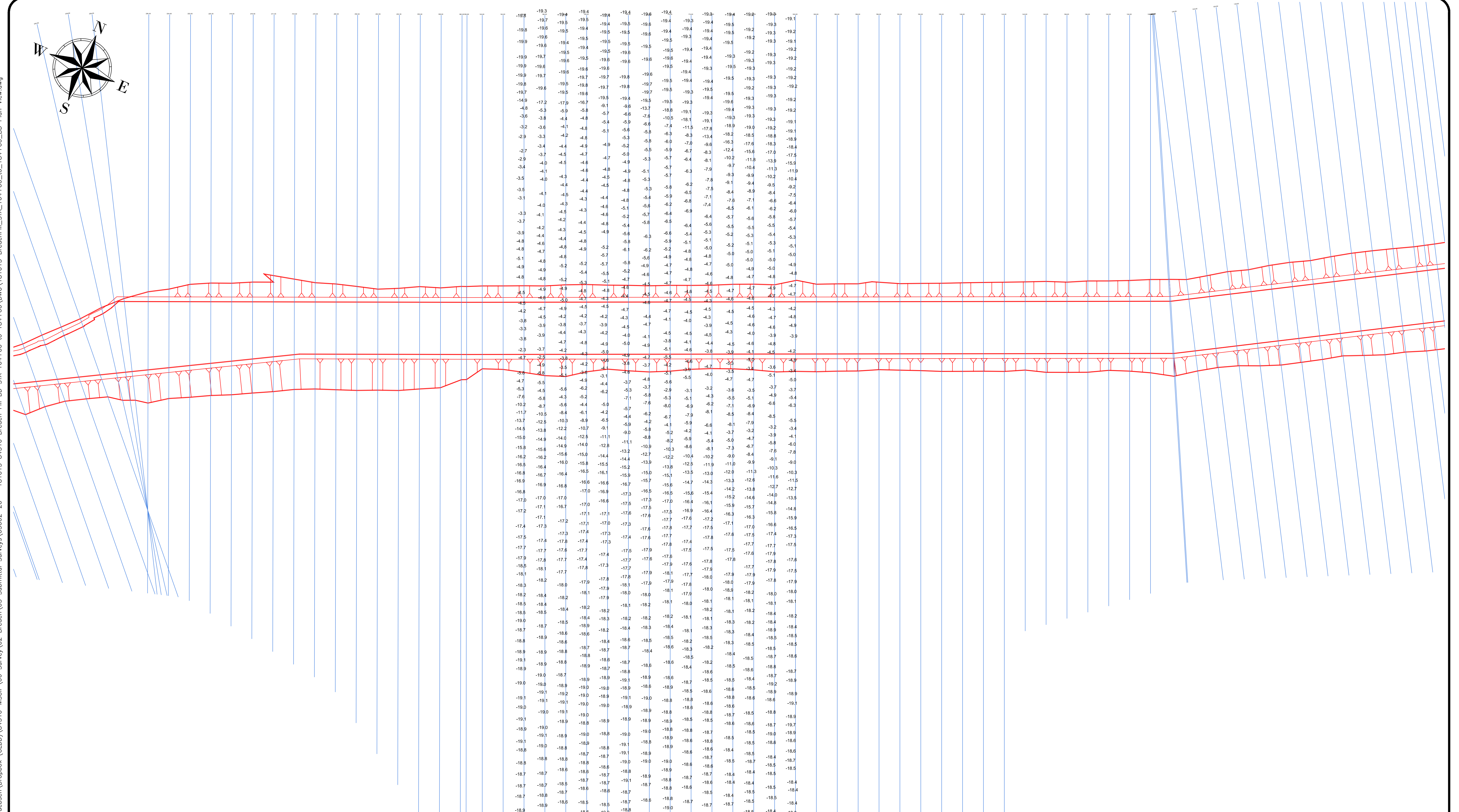
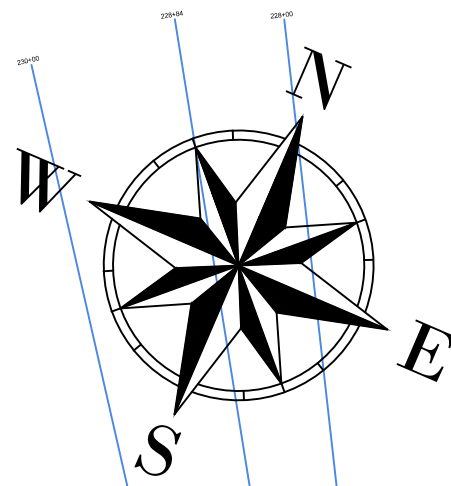
PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD STA 158+00 to 186+00			
CLIENT JOB NO.:	84510	DRAWN BY:	J. HILL
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	J. HILL
DATE:	October 1, 2018	SCALE:	1:400.0002
FILE NAME: D:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-18 - 180926-180929 84510 Breach Fill BD STA 158+00 to 186+00\DWG\180929 BreachFill_STA_158+00_186+00_BD_Plan View.dwg			

PROJECT SURVEY METADATA	
HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD88
UNITS HORIZ. / VERT.:	Survey Feet
SURVEY PROJ. CONTROL POINT:	X = 131722.754 E Y = 239733.238 N Z = 61.975
SURVEY PROJ. BENCH MARK:	X = 108716.801 E Y = 25810.386 N Z = 3.022
SURVEY PROJ. BENCH MARK:	WEST SHIP ISLAND PIER
OPERATOR / CONDITIONS	
SURVEY DATE:	9/26/18 to 9/29/18
ENGINEER / SURVEYOR:	JH CB KTT TW
SURVEY VESSEL:	Booths Elizabeth
VESSEL OPERATOR:	THB
WEATHER:	AS NOTED
TEMPERATURE:	AS NOTED
WIND:	AS NOTED
SEA:	AS NOTED
ELECTRONIC EQUIPMENT	
BATHYMETRY:	CV1000F
FREQUENCY:	200KHz & 280KHz
HEAVY COMP.:	TSS DMS-50
SOS (ANG):	CASTAWAY VELOCMETER
POSITIONING:	GAS30 / RTK
USCG BEACON:	N/A
TIDE GAUGE:	N/A



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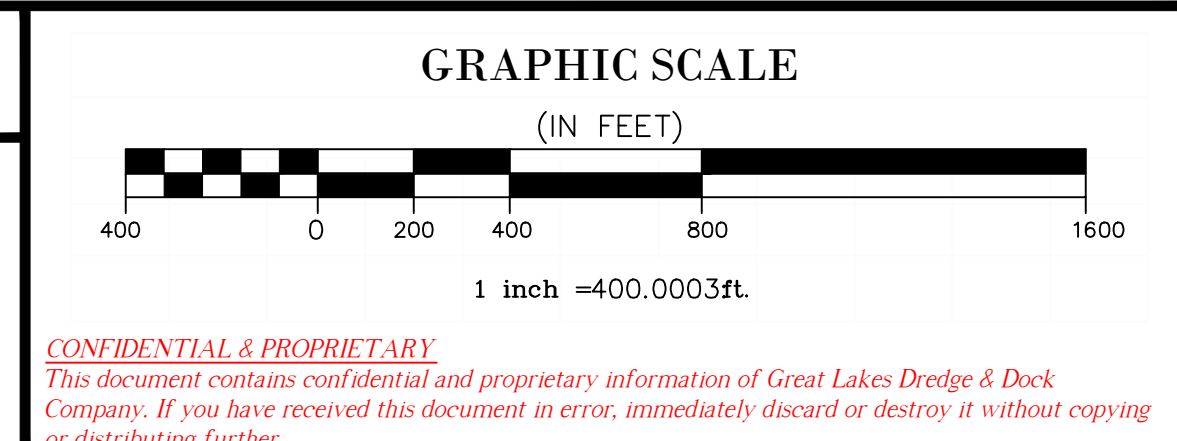
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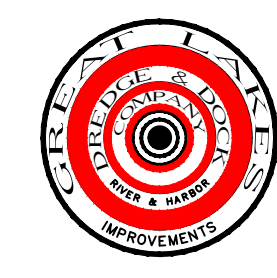
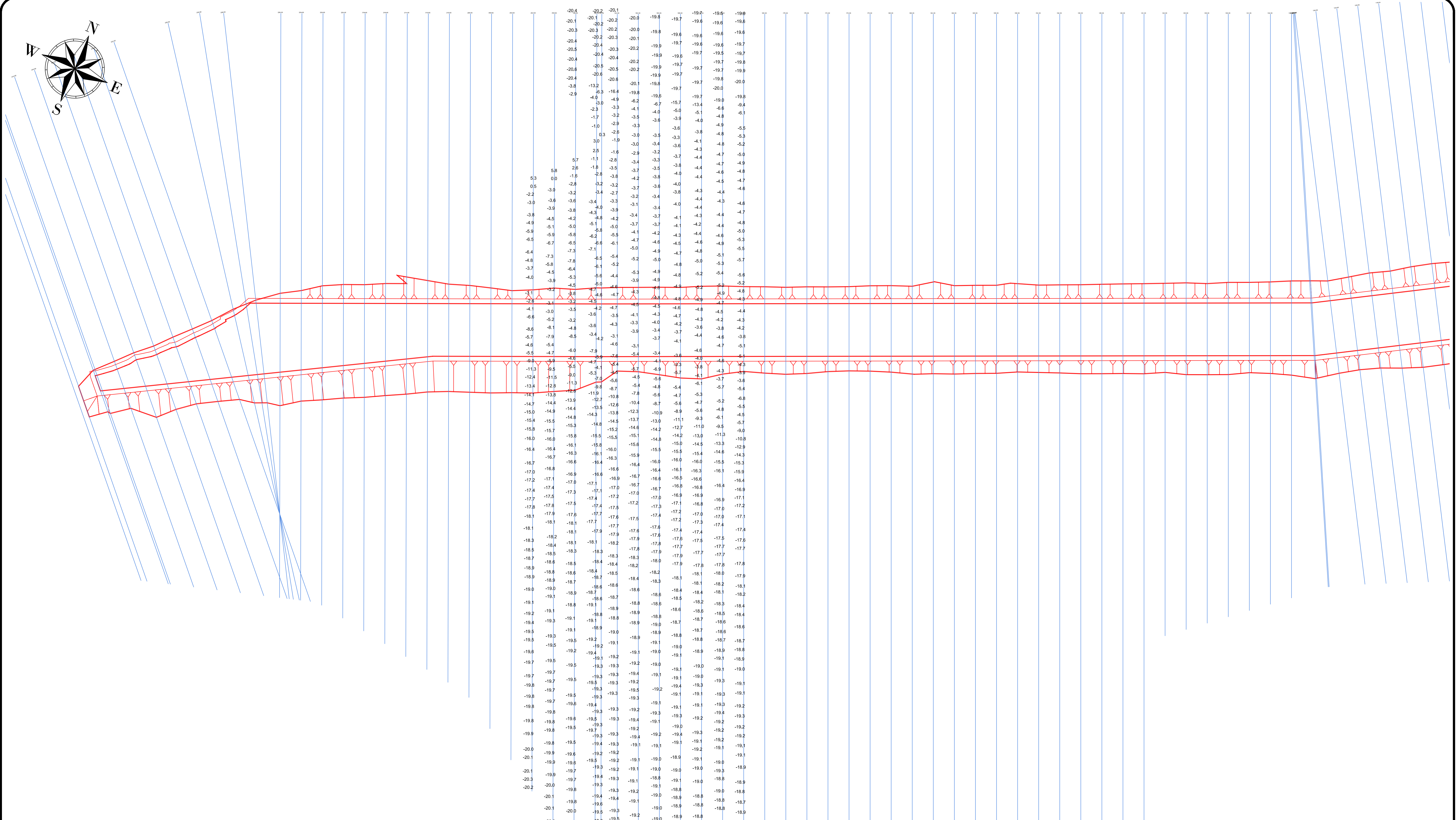
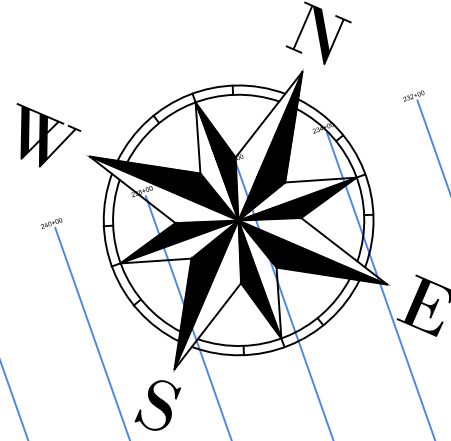
PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD STA 164+00 to 190+00			
GLDD JOB NO.:	84510	DRAWN BY:	M.HUEBSCH
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	M.HUEBSCH
DATE:	October 22, 2018	SCALE:	1:400.0003
FILE NAME: C:\Users\MHuebsch\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-20 - 181013 84510 Breach Fill BD STA 164+00 to 184+00 DWG\181013 BreachFill_STA_164+00_to_184+00_BD_Plan_View.dwg			

PROJECT SURVEY METADATA	
OPERATOR / CONDITIONS	
ELECTRONIC EQUIPMENT	
FATHOMER: CV1000F	
FREQUENCY: 200KHz & 280KHz	
HEAVY COMP: TSS DRUS-05	
SOS (ANG): CASTAWAY VELOCIMETER	
POSITIONING: GASSO / RTK	
USCG BEACON: N/A	
TIDE GAUGE: N/A	



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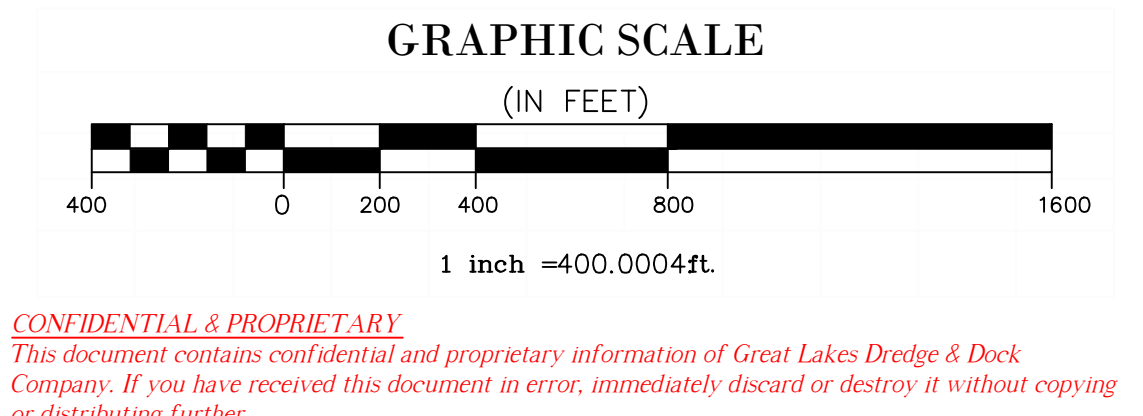
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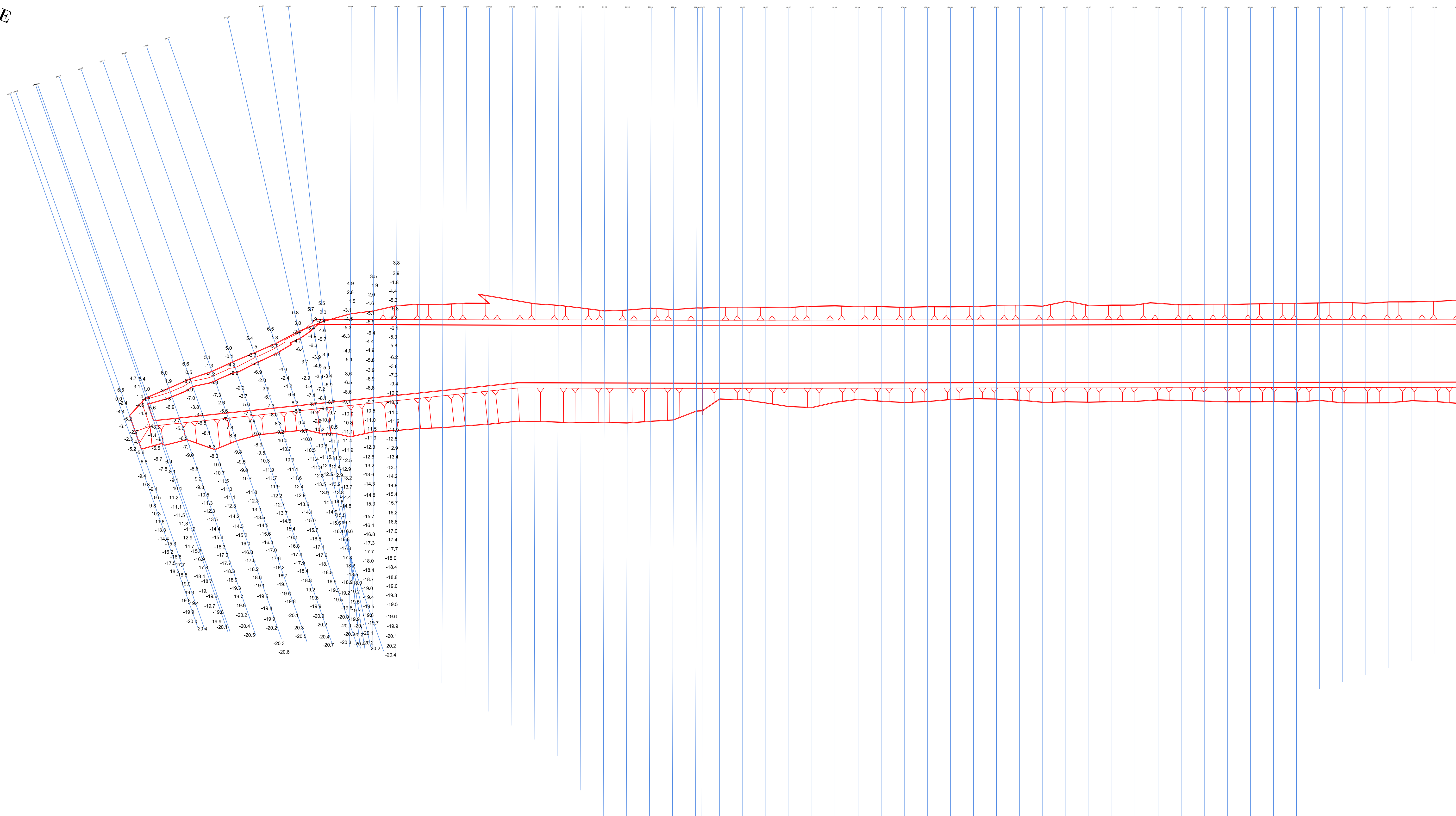
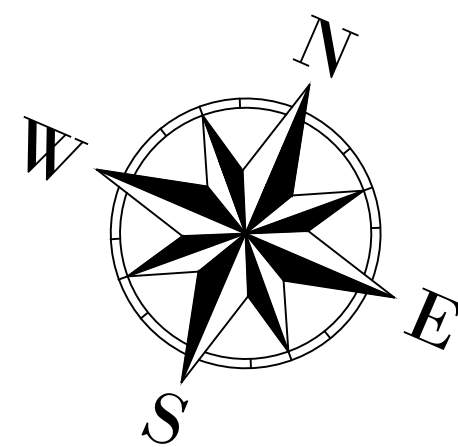


GREAT LAKES DREDGE AND DOCK COMPANY
2122 YORK ROAD, OAK BROOK IL 60523
CIVIL ENGINEERING / SURVEYING DIVISION
Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1			
TITLE: BREACH FILL BD STA 182+00 to 202+00			
GLDD JOB NO.:	84510	DRAWN BY:	J. A. HILL
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	J. A. HILL
DATE:	November 3, 2018	SCALE:	1:400.0004
FILE NAME: D:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-21 - 181103 84510 Breach Fill BD\DWG\181103 BreachFill_STA_182+00_to_202+00_BD Plan View.dwg			

PROJECT SURVEY METADATA	
HORIZONTAL DATUM:	US STATE PLANE NAD 83
LOCAL GRID:	MISSISSIPPIEAST
VERTICAL DATUM:	NAVD88
UNITS HORIZ. / VERT.:	Survey Feet
SURVEY PROJ. CONTROL POINT:	X = 113172.754 E Y = 237733.228 N Z = 61.975
SURVEY PROJ. BENCH MARK:	X = 108716.801 E Y = 25810.386 N Z = 31.022
TIDE STAFF LOCATION:	WEST SHIP ISLAND PIER
OPERATOR / CONDITIONS:	SURVEY DATE: 11/3/2018 ENGINEER / SUPERVISOR: JH JK CD MB SURVEY VESSEL: Dredge Engineer VESSEL OPERATOR: E. DURAN WEATHER: AS NOTED TEMPERATURE: AS NOTED WIND: AS NOTED SEA: AS NOTED
ELECTRONIC EQUIPMENT:	FATHOMER: CV1000F FREQUENCY: 200kHz & 280kHz HEAVY COMP.: TSS DRUS-05 SOS (ANG): CASTAWAY VELOCMETER POSITIONING: GA530 / RTK USCG BEACON: N/A TIDE GAUGE: N/A





D:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-24 - 181217 84510 Breach Fill BD STA 222+00 to 246+51\DWG\181219 BreachFill_STA_222+00 to 246+00_BD_Plan_View.dwg



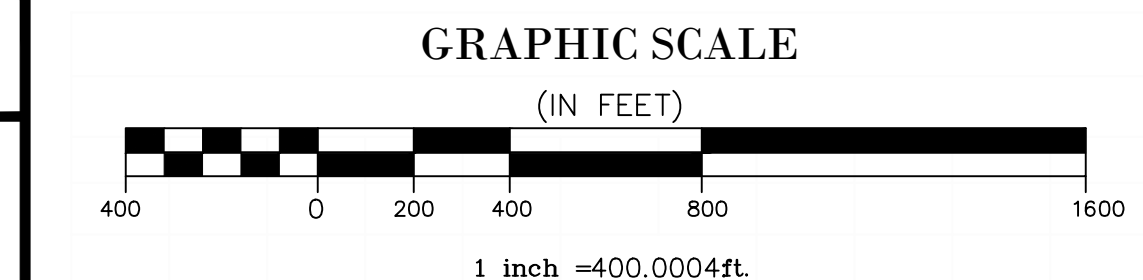
GREAT LAKES DREDGE AND DOCK COMPANY
 2122 YORK ROAD, OAK BROOK IL 60523
 CIVIL ENGINEERING / SURVEYING DIVISION
 Phone: (630) 574-3000 Fax: (630) 574-1515

PROJECT: MSCIP SHIP ISLAND, PHASE 1
 TITLE: BREACH FILL BD STA 222+00 to 246+51

GLDD JOB NO.:	84510	DRAWN BY:	J. A. HILL	DATE:	December 19, 2018
CLIENT JOB NO.:	W91278-17-C-0008	LAST SAVED BY:	J. A. HILL	SCALE:	1:400.0004
FILE NAME: D:\Dropbox (GLDD)\84510-MSCIP\06 Survey\02 Breach\05 Submittal Surveys\05002-24 - 181217 84510 Breach Fill BD STA 222+00 to 246+51\DWG\181219 BreachFill_STA_222+00 To 246+00_BD_Plan_View.dwg					

PROJECT SURVEY METADATA

HORIZONTAL DATUM:	US STATE PLANE NAD 83	OPERATOR / CONDITIONS	OPERATOR:	THIB JE D	ELECTRONIC EQUIPMENT	FATHOMER:	CV1000F
LOCAL GRID:	MISSISSIPPIEAST	SURVEY DATE:	11/19, 12/12, 12/16, 12/17	ENGINEER / SUPERVISOR:	MH CB JH JK	FREQUENCY:	200KHz & 28KHz
VERTICAL DATUM:	NAVD88	SURVEY VESSEL:	EDDIE EDWARDS	VESSSEL OPERATOR:	THIB JE D	HEAVY COMP:	TSS DMS-60
UNITS HORIZ. / VERT.:	Survey Feet	WEATHER:	AS NOTED	TEMPERATURE:	AS NOTED	POSITIONING:	GAS50 / RTK
SURVEY PROJ. CONTROL POINT:	X= 113122.754 E Y= 239733.238 N Z= 41.975	WIND:	AS NOTED	USCG BEACON:	N/A	TIDE GAUGE:	N/A
SURVEY PROJ. BENCH MARK:	X= 1087916.801 E Y= 258810.386 N Z= 3.022	SEA:	AS NOTED				
	WEST SHIP ISLAND PIER						



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