US Army Corps
of Engineers®

MOBILE DISTRICT
109 SAINT JOSEPH STREET
MOBILE AL 36602

MOBILE HARBOR
DEEPENING AND WIDENING - PHASE 4

MOBILE, ALABAMA

MOBILE DISTRICT PROJECT CODE : CHC22001

SOLICITATION NUMBER : W9127822B0003

APRIL 2022

SHEET REF.	TITLE OF DRAWINGS
G-002	INDEX OF DRAWINGS
G-003	GENERAL NOTES
CN101	PROJECT MAP
CN102	OVERALL DREDGE PLAN
CN103	PARTIAL DREDGE PLAN
CN104	PARTIAL DREDGE PLAN
CN105	PARTIAL DREDGE PLAN
CN106	PARTIAL DREDGE PLAN
CN107	PARTIAL DREDGE PLAN
CN108	PARTIAL DREDGE PLAN
CN109	DREDGE DISPOSAL AREA
CN301	TYPICAL DREDGE SECTION
CN302	DREDGE CROSS SECTIONS
CN303	DREDGE CROSS SECTIONS
CN304	DREDGE CROSS SECTIONS
CN305	DREDGE CROSS SECTIONS
CN306	DREDGE CROSS SECTIONS
CN307	DREDGE CROSS SECTIONS
CN308	DREDGE CROSS SECTIONS
CN309	DREDGE CROSS SECTIONS
CN310	DREDGE CROSS SECTIONS
CN311	DREDGE CROSS SECTIONS
CN312	DREDGE CROSS SECTIONS
CN313	DREDGE CROSS SECTIONS
CN314	DREDGE CROSS SECTIONS
CN315	DREDGE CROSS SECTIONS
CN316	DREDGE CROSS SECTIONS
CN317	DREDGE CROSS SECTIONS
CN318	DREDGE CROSS SECTIONS
CN319	DREDGE CROSS SECTIONS
CN320	DREDGE CROSS SECTIONS
BR321	BORING PROFILE
BR322	BORING PROFILE
BR323	BORING PROFILE
BR324	BORING PROFILE
BR325	BORING PROFILE
BR326	BORING PROFILE

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHCZ2001
LS/U SHEET FILE NAME: CHCZ2001-G-002.DGN

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

INDEX OF DRAWINGS

SHEET ID
G-002

GENERAL NOTES:

1. ALL ELEVATIONS SHOWN IN THIS PLAN SET ARE REFERENCED TO FEET IN MEAN LOWER LOW WATER (M.L.L.W.) DATUM.
2. ALL COORDINATES SHOWN IN THIS PLAN SET ARE IN FEET AND ARE REFERENCED TO ALABAMA STATE PLANE COORDINATE SYSTEM NAD 83 DATUM (0102) WEST ZONE.
3. THE HYDROGRAPHIC SURVEY REFLECTED IN THIS PLAN SET WAS PERFORMED ON SEPTEMBER 7, 2021 BY THE IRVINGTON SITE OFFICE OF THE U.S. ARMY CORPS OF ENGINEERS.
4. THE INFORMATION DEPICTED IN THIS PLAN SET REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THE TIME.
5. FREQUENCY SOUNDINGS: 208KHZ
6. ALL UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL INVESTIGATE SUBMERGED, SURFACE, AND OVERHEAD STRUCTURES IN THE WORK AREAS IN ACCORDANCE WITH SECTION 01 00 00, PARAGRAPH 1.3, CONTRACTOR'S INVESTIGATION RESPONSIBILITY.
7. ONLY USACE GAGES SHALL BE USED FOR REFERENCE UNLESS OTHERWISE APPROVED BY THE COR. GAUGES WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING.
8. CHANNEL COORDINATES ON SHEETS CN102 TO CN108 CORRESPOND TO THE ELEVATION OF THE NEW WORK DREDGE TEMPLATE (EL. -50' MLLW). SEE SHEET CN301 FOR TYPICAL DREDGE SECTION.

MOBILE HARBOR CHANNEL CENTERLINE COORDINATES

STATION	NORTHING	EASTING
0+00.00	267145.47	1798020.87
30+38.38	264108.89	1798125.38
72+09.06	260026.86	1798980.75
75+09.16	259728.77	1799015.40
98+82.05	257371.75	1799289.35
105+53.94	256705.45	1799375.88
157+17.67	251589.58	1800077.25
198+76.99	247439.68	1799797.37
213+05.16	246045.01	1800104.88
244+65.83	243219.15	1801520.62
253+64.33	242321.22	1801488.67
259+30.00	241755.93	1801467.74
267+72.58	240913.92	1801436.88
302+72.59	237416.26	1801308.73
317+72.59	235917.26	1801253.80
404+67.98	227227.70	1800935.41
423+46.58	225350.36	1800866.62
1055+42.67	162421.95	1806677.00
1115+67.25	156398.05	1806586.50
1760+09.29	92490.01	1798307.71
1775+26.83	90984.40	1798117.75
1854+68.18	83151.16	1799423.63
1859+58.50	82661.27	1799403.12
2089+53.28	60270.90	1794165.62
2189+58.71	50923.23	1790597.75

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

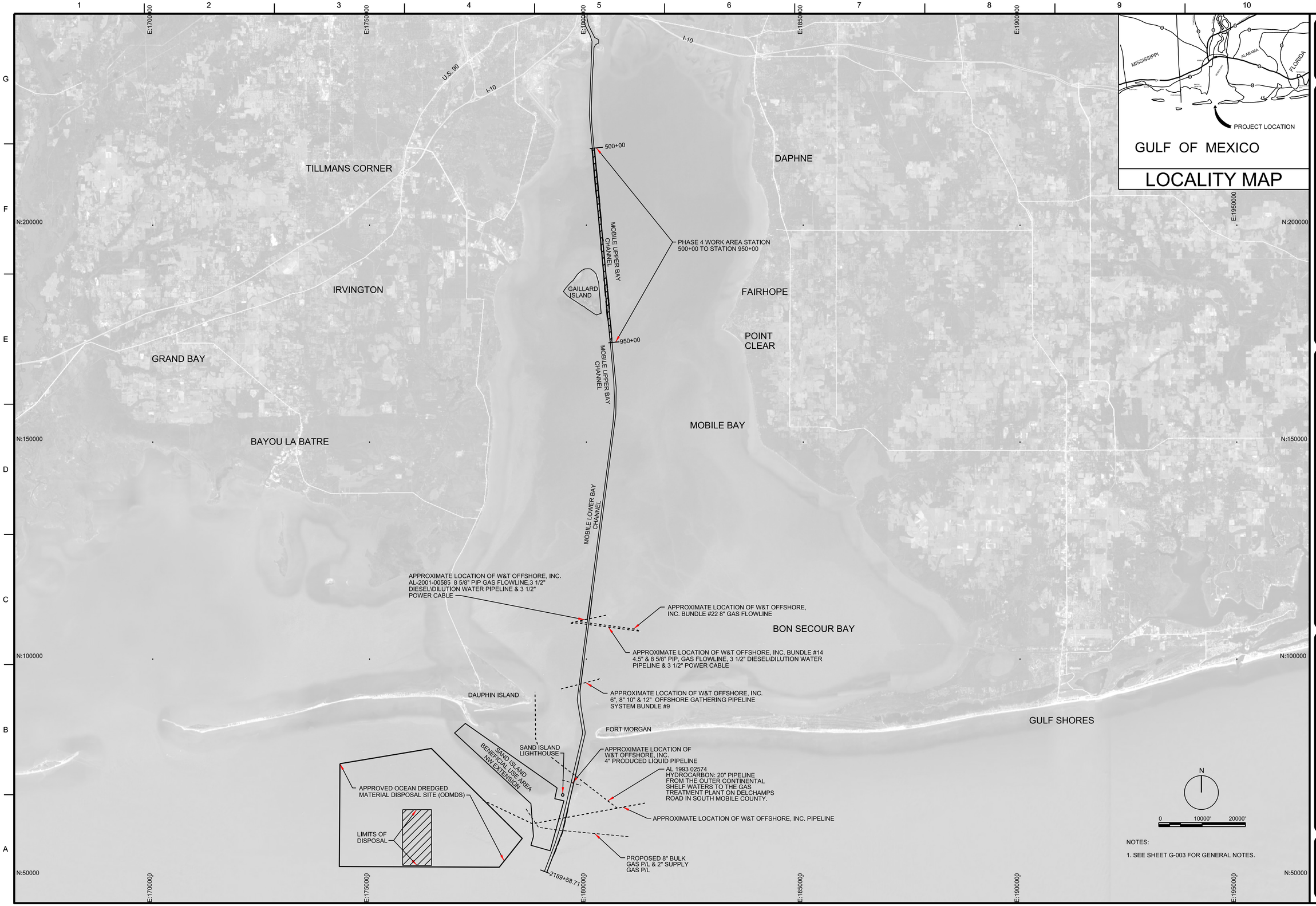
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHCZ21011
DESIGNED BY: A. THROOP
DRAWN BY: J. GIBSON
CHECKED BY: J. BASS
SUBMITTED BY: M. VIGGIANI
SIZE: ANSI D
U.S.D SHEET FILE NAME: CHCZ21011-G-003.DGN

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

GENERAL NOTES

SHEET ID
G-003



NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

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MARK	DESCRIPTION	DATE

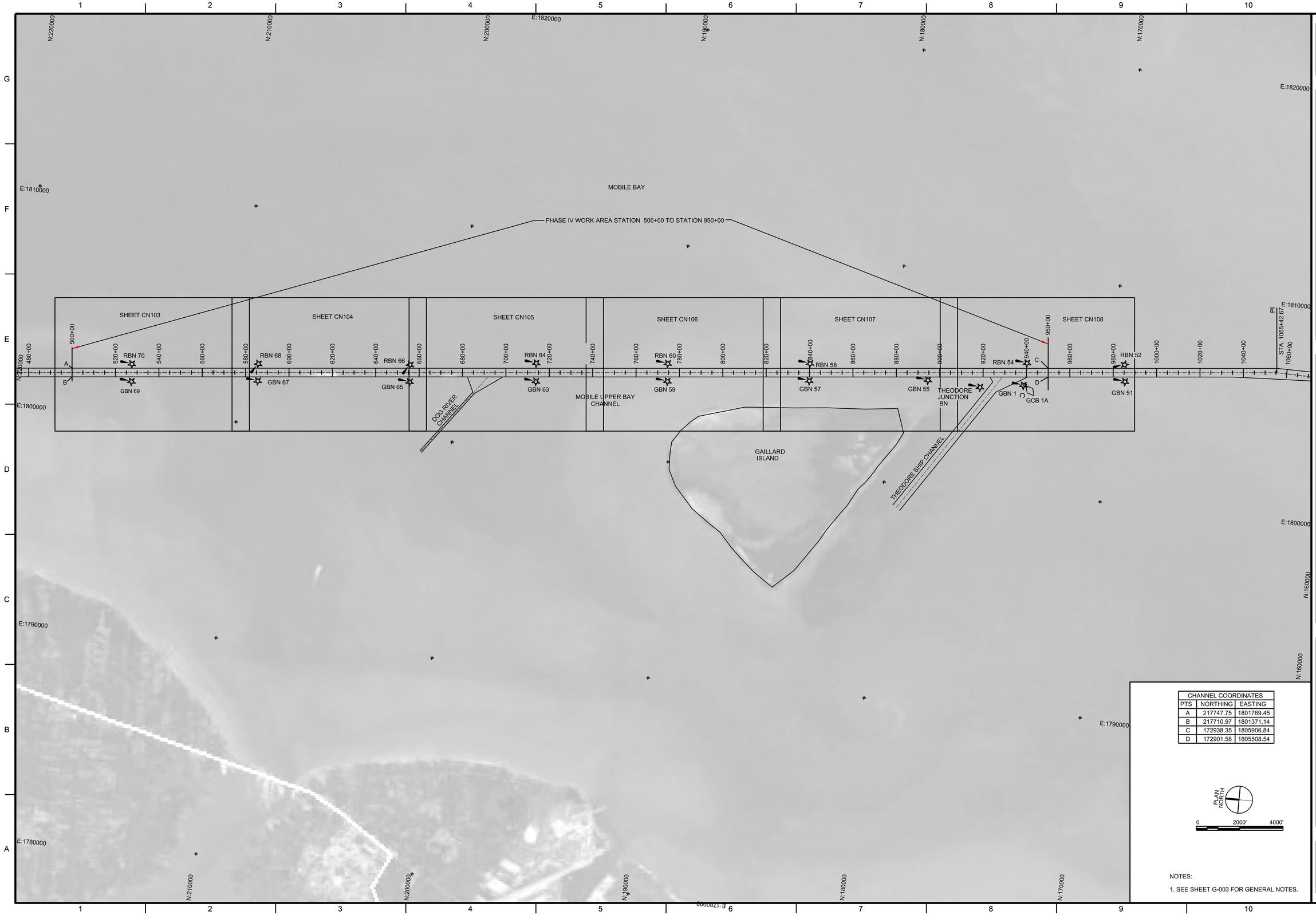
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
ISJ SHEET FILE NAME: CHC22001-CN101.dgn

MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

PROJECT MAP

SHEET ID
CN101



CHANNEL COORDINATES		
PTS	NORTHING	EASTING
A	217747.75	1801769.45
B	217710.97	1801371.14
C	172938.35	1805906.84
D	172901.58	1805508.54

PLAN NORTH

0 2000' 4000'

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

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MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
CADD SHEET FILE NAME: CHC22001-CN102.dgn

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: 15"X 21" ANSI D

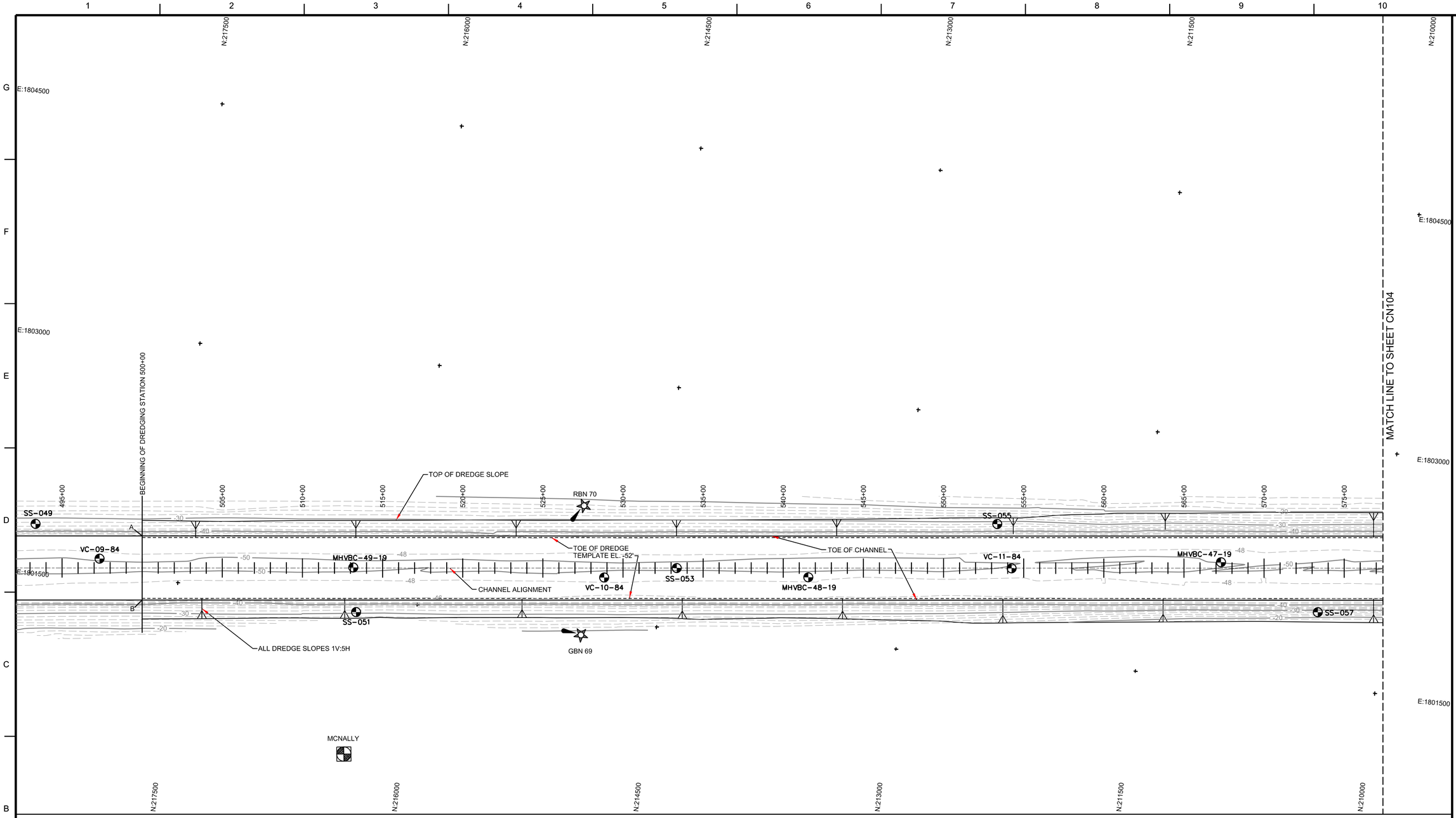
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

OVERALL DREDGE PLAN

SHEET ID

CN102



LEGEND

- GBN — GREEN BEACON
- RBN — RED BEACON
- GGB — GREEN GAS BUOY
- RGB — RED GAS BUOY
- C — GREEN CAN BUOY
- TIDE GAGE
- XXXX-XX-XX — BORING LOCATION (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)
- AUTO/STAFF TIDE GAGE REAR RANGE

KEY MAP

CN103	CN104	CN105	CN106	CN107	CN108

CHANNEL COORDINATES		
PTS	NORTHING	EASTING
A	217747.75	1801769.45
B	217710.97	1801371.14
C	172938.35	1805906.84
D	172901.58	1805508.54

PLAN NORTH

0 300' 600'

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.
2. DREDGE SLOPES SHALL BE 1V:5H ON BOTH SIDES OF THE CHANNEL.

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MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W9XXXX-XX-X-XXX
CADD CODE: CHC22001
SHEET FILE NAME: CHC22001-CN103.dgn
SIZE: ANSI D
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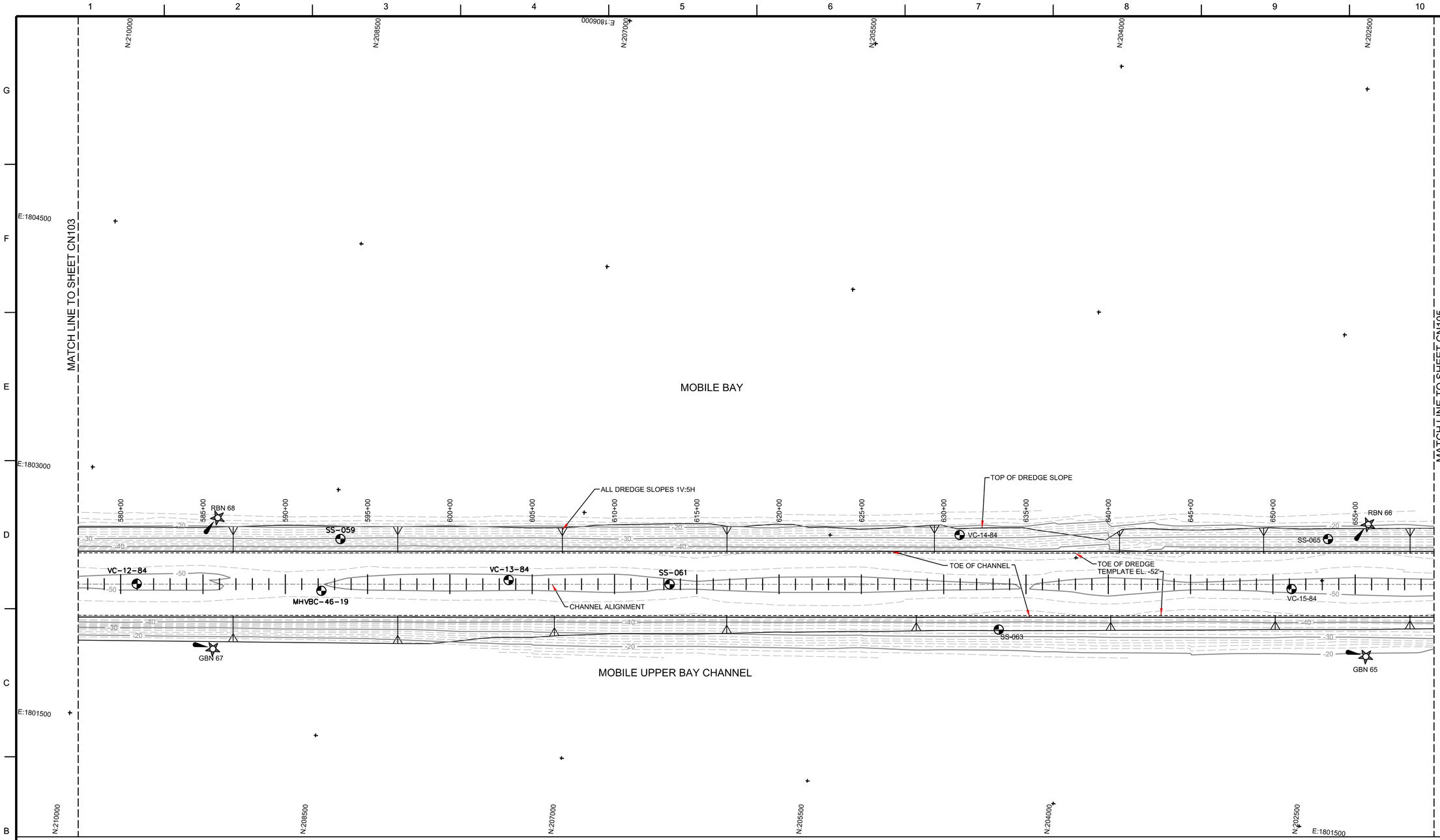
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

PARTIAL DREDGE PLAN

SHEET ID
CN103



KEY MAP

CN103	CN104	CN105	CN106	CN107	CN108

LEGEND

- GBN — GREEN BEACON
- RBN — RED BEACON
- GGB — GREEN GAS BUOY
- RGB — RED GAS BUOY
- C — GREEN CAN BUOY
- TIDE GAGE
- XXXX-XX-XX — BORING LOCATION (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)
- AUTO/STAFF TIDE GAGE REAR RANGE

CHANNEL COORDINATES		
PTS	NORTHING	EASTING
A	217747.75	1801769.45
B	217710.97	1801371.14
C	172938.35	1805906.84
D	172901.58	1805508.54

PLAN NORTH

0 300' 600'

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.
2. DREDGE SLOPES SHALL BE 1V:5H ON BOTH SIDES OF THE CHANNEL.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHC22001
SHEET FILE NAME: CHC22001-CN104.dgn
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WYSOCKI
SIZE: ANSI D
T.S.O SHEET FILE NO.:

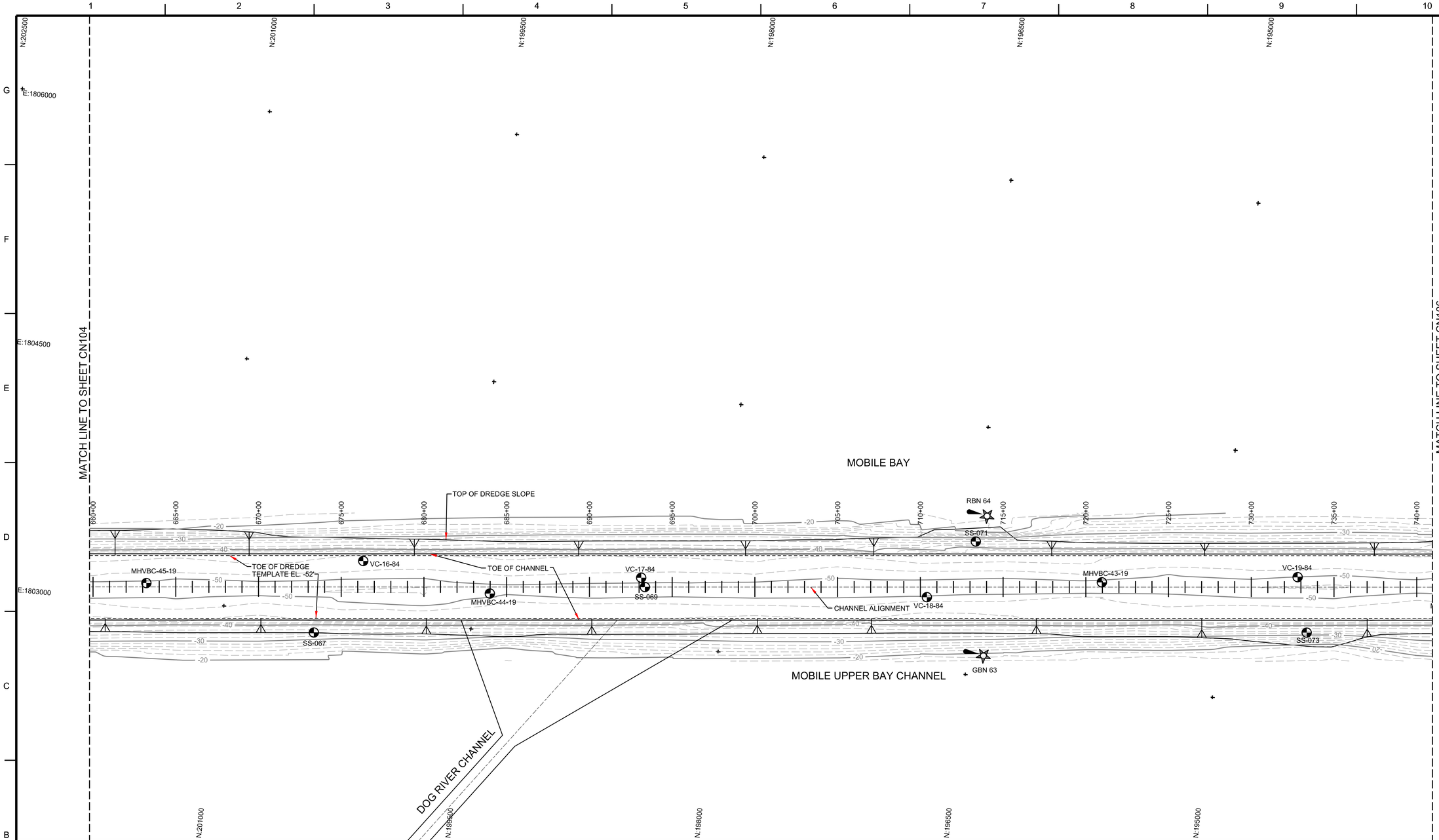
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL. 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE IV

PARTIAL DREDGE PLAN

SHEET ID

CN104



KEY MAP

CN103	CN104	CN105	CN106	CN107	CN108

LEGEND

- GBN — GREEN BEACON
- RBN — RED BEACON
- GGB — GREEN GAS BUOY
- RGB — RED GAS BUOY
- C — GREEN CAN BUOY
- TIDE GAGE
- XXXX-XX-XX — BORING LOCATION (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)
- AUTO/STAFF TIDE GAGE REAR RANGE

CHANNEL COORDINATES		
PTS	NORTHING	EASTING
A	217747.75	1801769.45
B	217710.97	1801371.14
C	172938.35	1805906.84
D	172901.58	1805508.54

PLAN NORTH

0 300' 600'

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.
2. DREDGE SLOPES SHALL BE 1V:5H ON BOTH SIDES OF THE CHANNEL.

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MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
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CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
SHEET FILE NAME: CHC22001-CN105.dgn
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: 13LO SHEET FILE NO.
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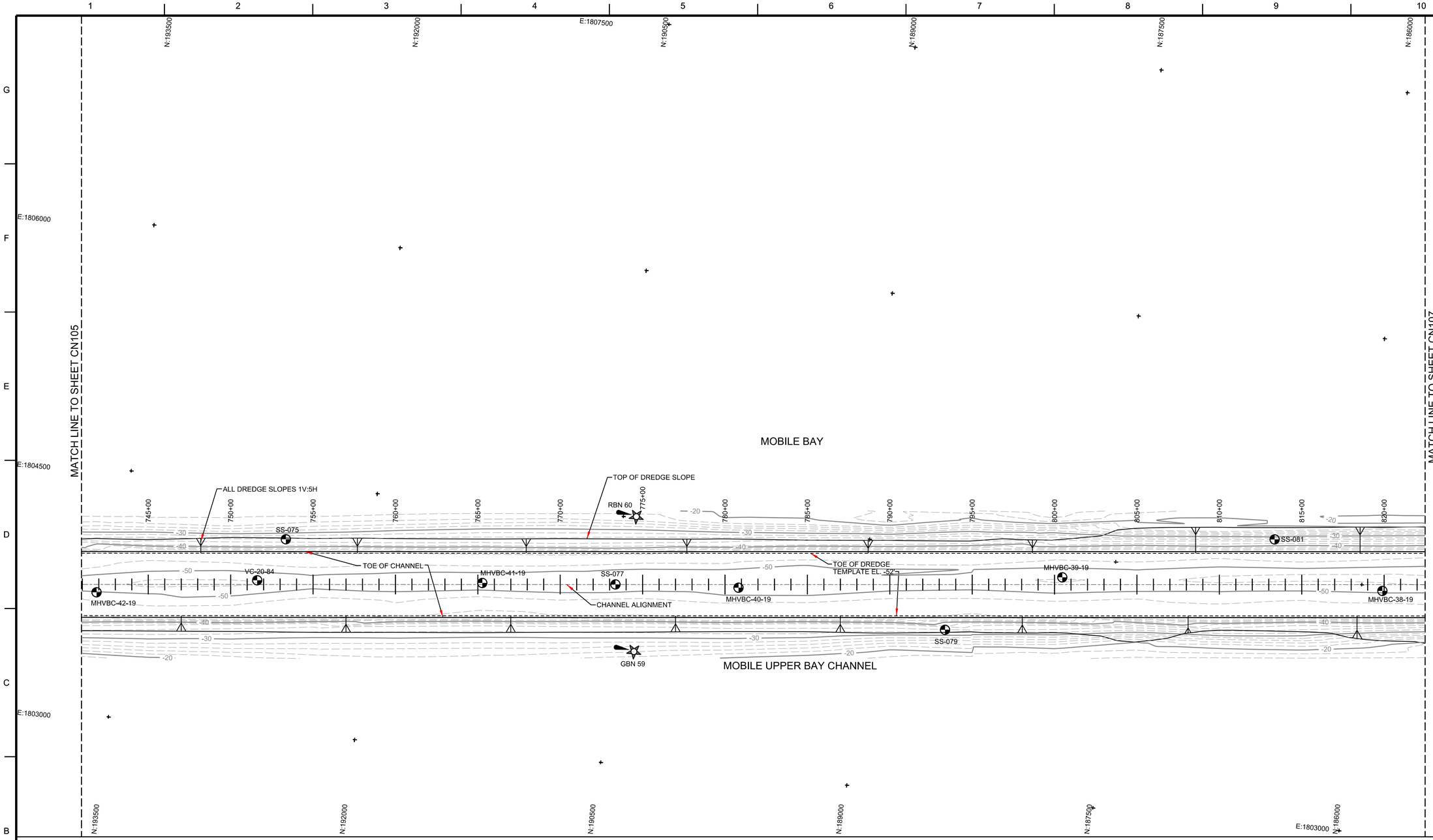
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

PARTIAL DREDGE PLAN

SHEET ID

CN105



KEY MAP

CN103	CN104	CN105	CN106	CN107	CN108

LEGEND

- GBN — GREEN BEACON
- RBN — RED BEACON
- GGB — GREEN GAS BUOY
- RGB — RED GAS BUOY
- C — GREEN CAN BUOY
- TIDE GAGE
- XXXX-XX-XX — BORING LOCATION (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)
- AUTO/STAFF TIDE GAGE REAR RANGE

CHANNEL COORDINATES		
PTS	NORTHING	EASTING
A	217747.75	1801769.45
B	217710.97	1801371.14
C	172938.35	1805906.84
D	172901.58	1805508.54

PLAN NORTH

0 300' 600'

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.
2. DREDGE SLOPES SHALL BE 1V:5H ON BOTH SIDES OF THE CHANNEL.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
SHEET FILE NAME: CHC22001-CN106.dgn

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ISO 13567-1 ANSI D

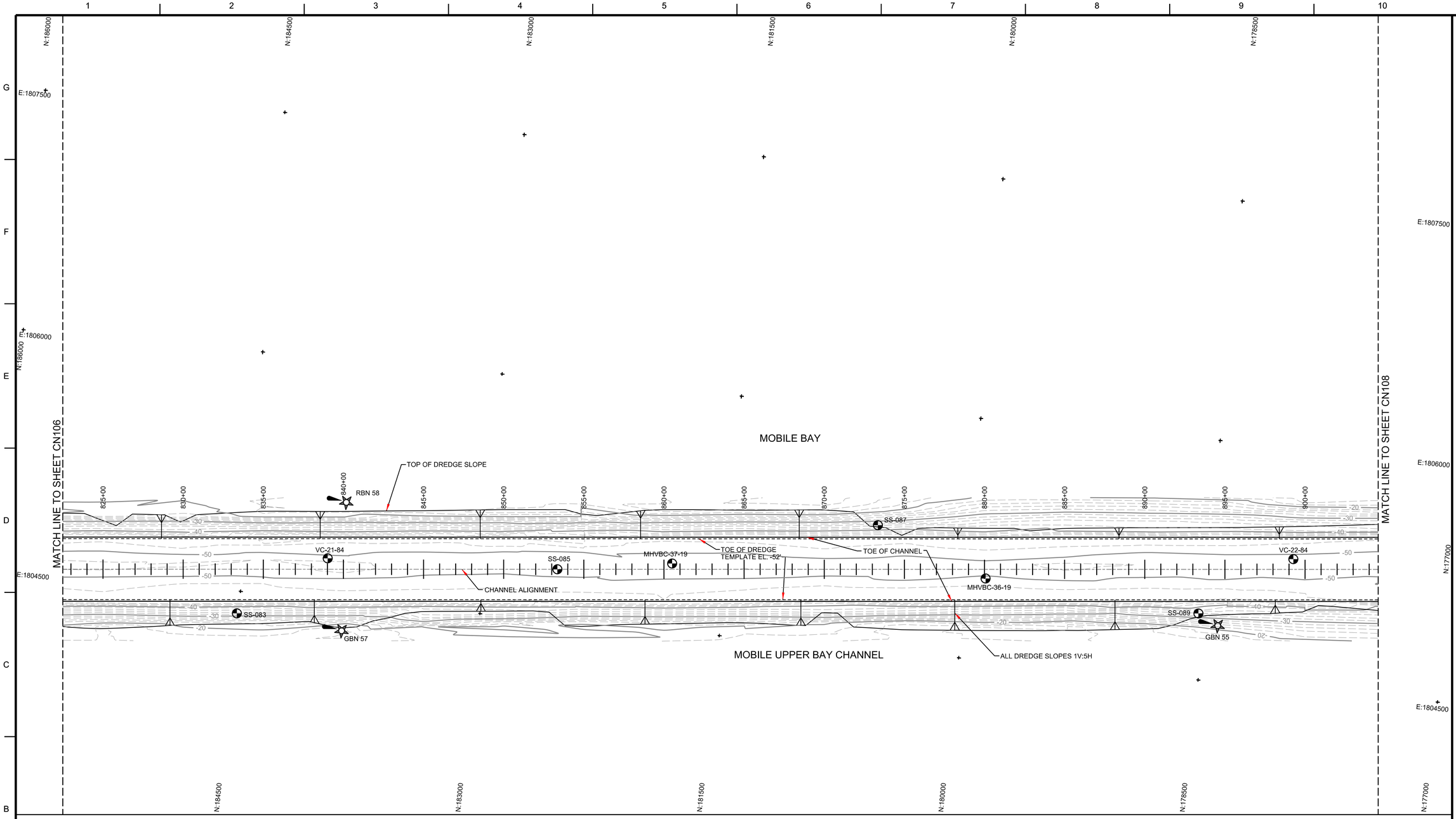
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

PARTIAL DREDGE PLAN

SHEET ID

CN106



KEY MAP

CN103	CN104	CN105	CN106	CN107	CN108

LEGEND

GBN	GREEN BEACON
RBN	RED BEACON
GGB	GREEN GAS BUOY
RGB	RED GAS BUOY
C	GREEN CAN BUOY
	TIDE GAGE
XXXX-XX-XX	BORING LOCATION (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)
	AUTO/STAFF TIDE GAGE REAR RANGE

CHANNEL COORDINATES		
PTS	NORTHING	EASTING
A	217747.75	1801769.45
B	217710.97	1801371.14
C	172938.35	1805906.84
D	172901.58	1805508.54

PLAN NORTH

0 300' 600'

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.
2. DREDGE SLOPES SHALL BE 1V:5H ON BOTH SIDES OF THE CHANNEL.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
T.S.D SHEET FILE NAME: CHC22001-CN107.dgn

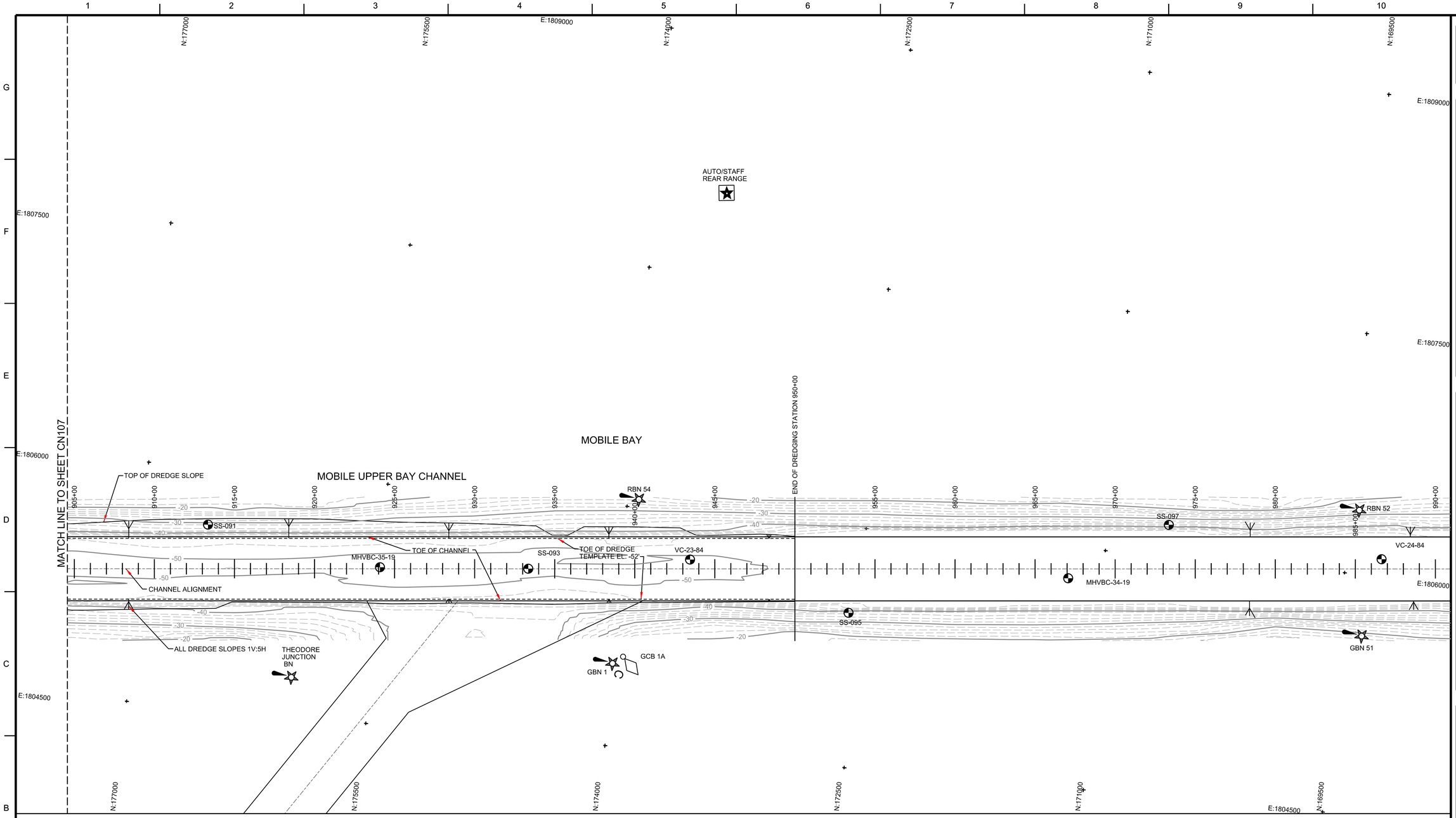
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

PARTIAL DREDGE PLAN

SHEET ID

CN107



LEGEND

GBN	GREEN BEACON
RBN	RED BEACON
GGB	GREEN GAS BUOY
RGB	RED GAS BUOY
C	GREEN CAN BUOY
	TIDE GAGE
XXXX-XX-XX	BORING LOCATION (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)
	AUTO/STAFF TIDE GAGE REAR RANGE

KEY MAP

CN103	CN104	CN105	CN106	CN107	CN108

CHANNEL COORDINATES		
PTS	NORTHING	EASTING
A	217747.75	1801769.45
B	217710.97	1801371.14
C	172938.35	1805906.84
D	172901.58	1805508.54

PLAN NORTH

0 300' 600'

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.
2. DREDGE SLOPES SHALL BE 1V:5H ON BOTH SIDES OF THE CHANNEL.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
SUBMITTED BY: CHC22001-CN108.dgn
SIZE: ANSI D
J.S.O SHEET FILE NAME:

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY

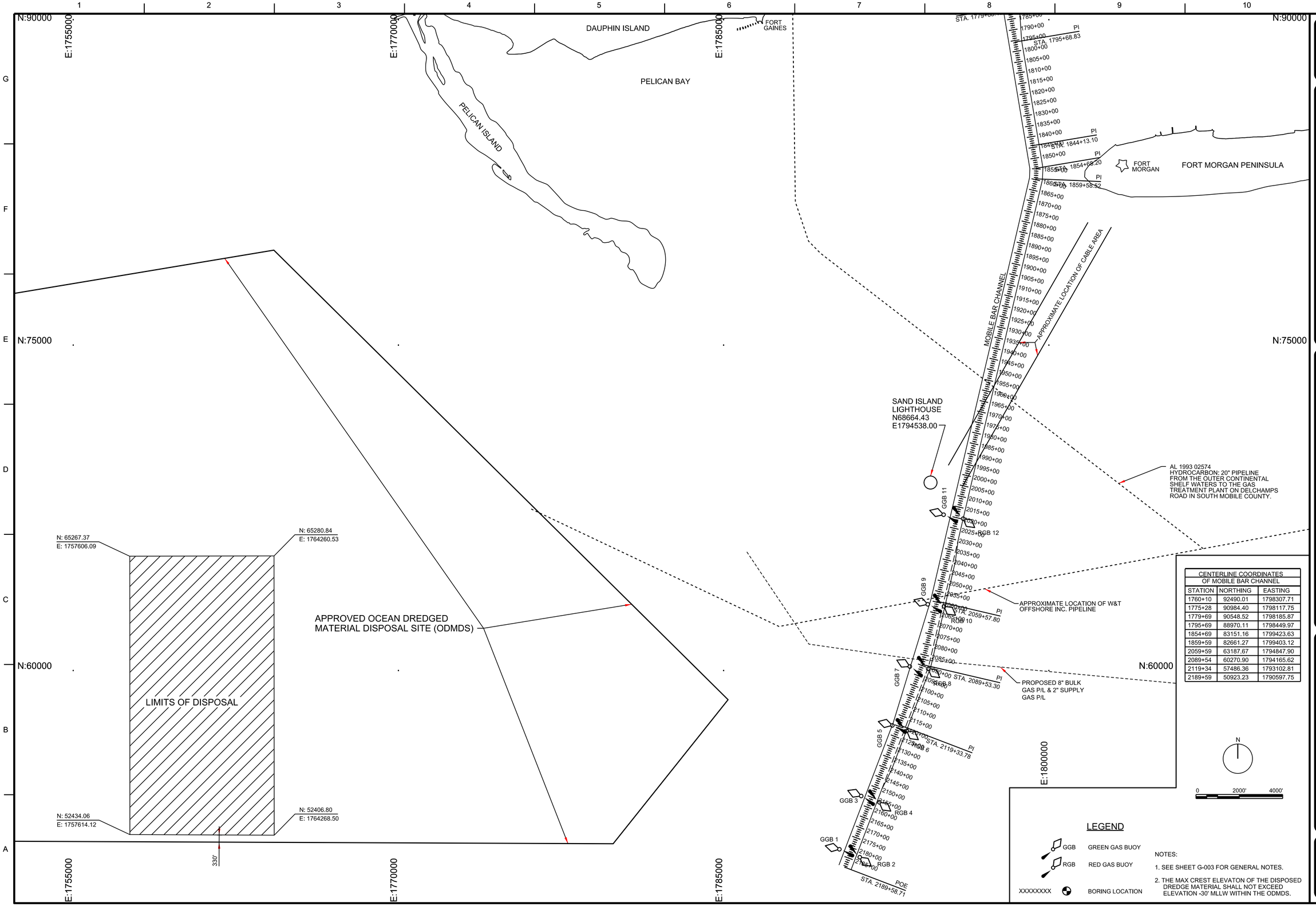
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

PARTIAL DREDGE PLAN

SHEET ID

CN108



CENTERLINE COORDINATES OF MOBILE BAR CHANNEL		
STATION	NORTHING	EASTING
1760+10	92490.01	1798307.71
1775+28	90984.40	1798117.75
1779+69	90548.52	1798185.87
1795+69	88970.11	1798449.97
1854+69	83151.16	1799423.63
1859+59	82661.27	1799403.12
2059+59	63187.67	1794847.90
2089+54	60270.90	1794165.62
2119+34	57486.36	1793102.81
2189+59	50923.23	1790597.75

LEGEND

GGB	GREEN GAS BUOY
RGB	RED GAS BUOY
XXXXXXXX	BORING LOCATION

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.
2. THE MAX CREST ELEVATON OF THE DISPOSED DREDGE MATERIAL SHALL NOT EXCEED ELEVATION -30' MLLW WITHIN THE ODMDS.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

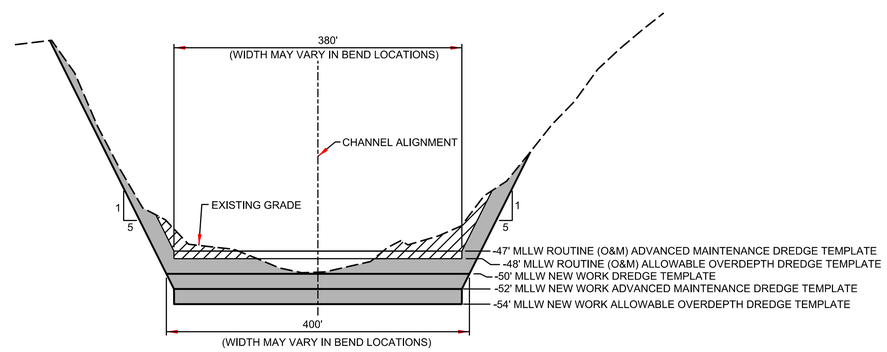
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
USACE SHEET FILE NAME: CHC22001-CN109.dgn

MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING
PHASE 4

DREDGE DISPOSAL AREA

SHEET ID
CN109



C3 MOBILE BAY CHANNEL TYPICAL DREDGE SECTION
N.T.S.

LEGEND

ROUTINE MAINTENANCE (O&M) DREDGING

NEW WORK DREDGING

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHC22001
SHEET FILE NAME: CHC22001-CN301.dgn

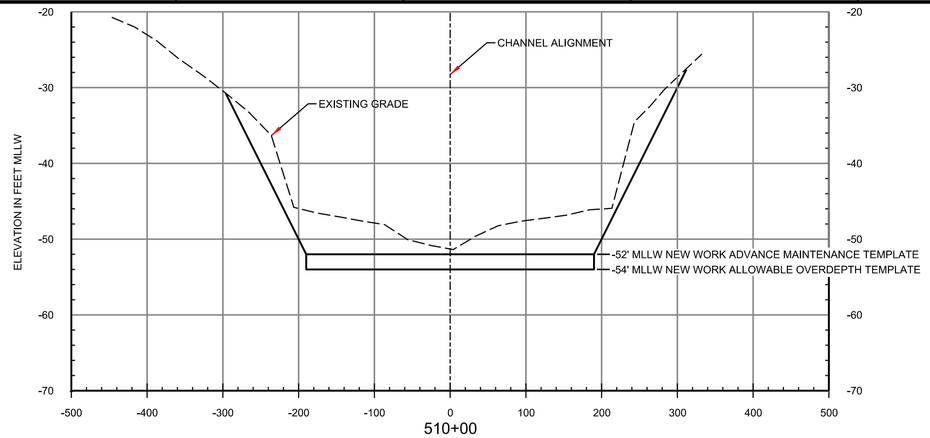
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D

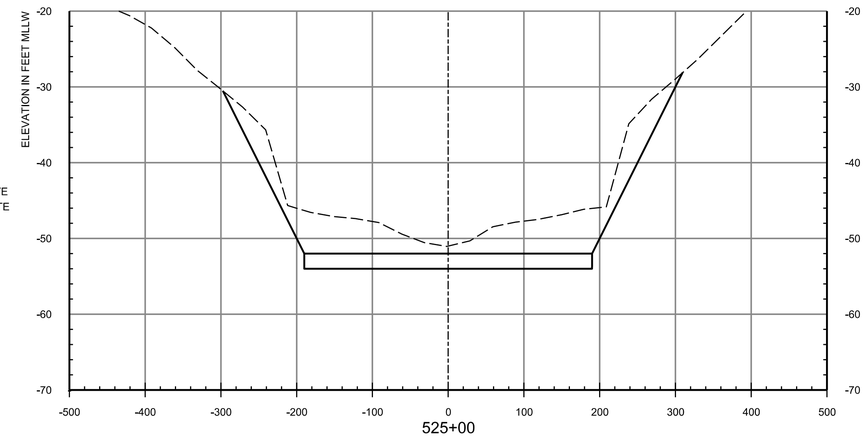
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

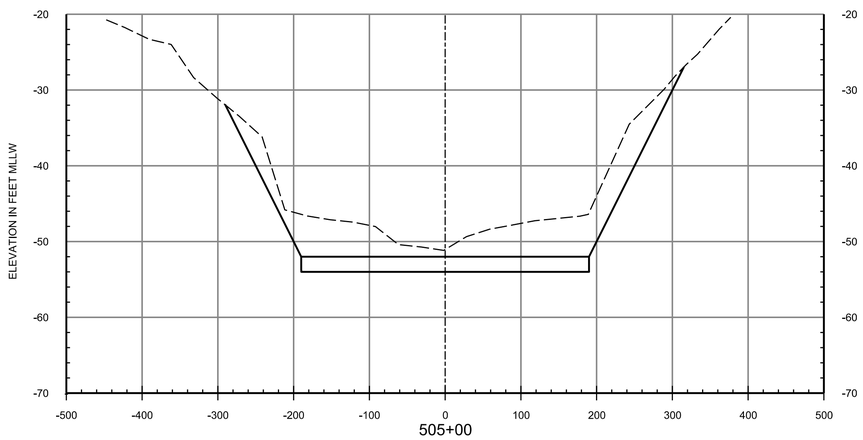
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

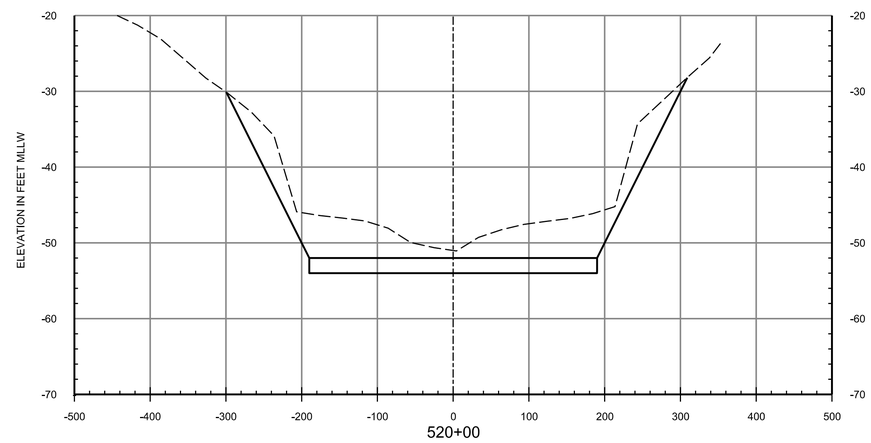
TYPICAL DREDGE SECTION

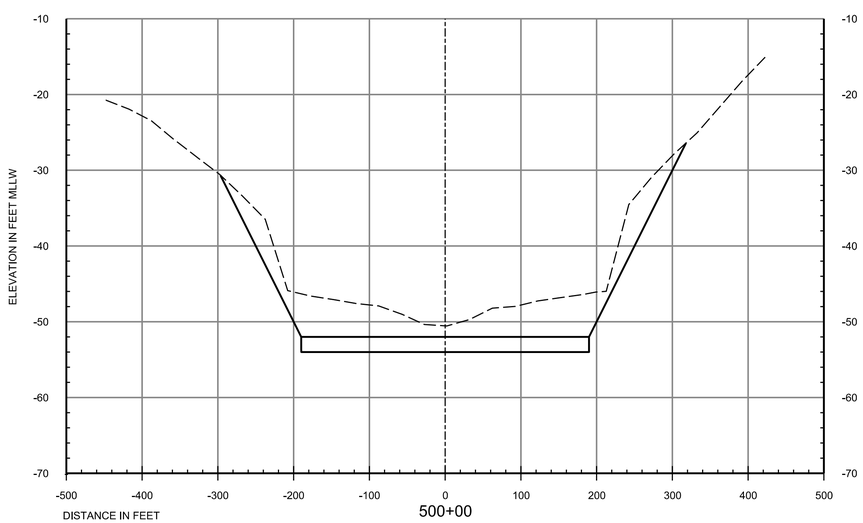
SHEET ID
CN301

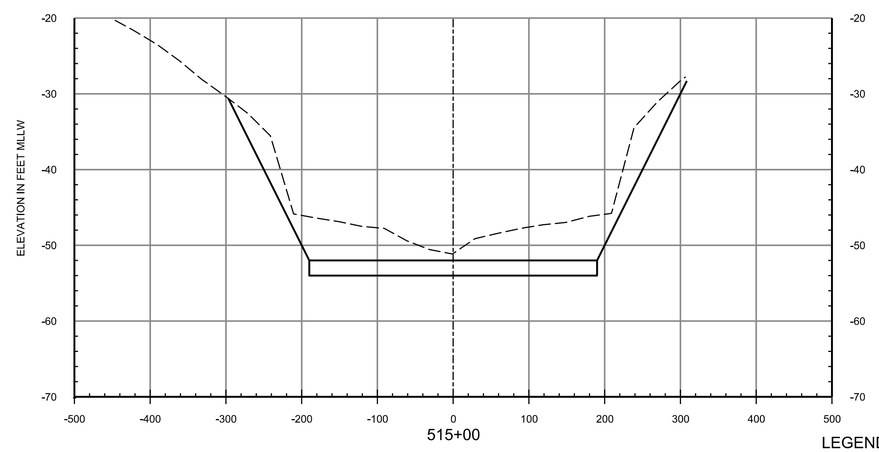












VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WOODRUFF
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
CHC22001-CN302.dgn

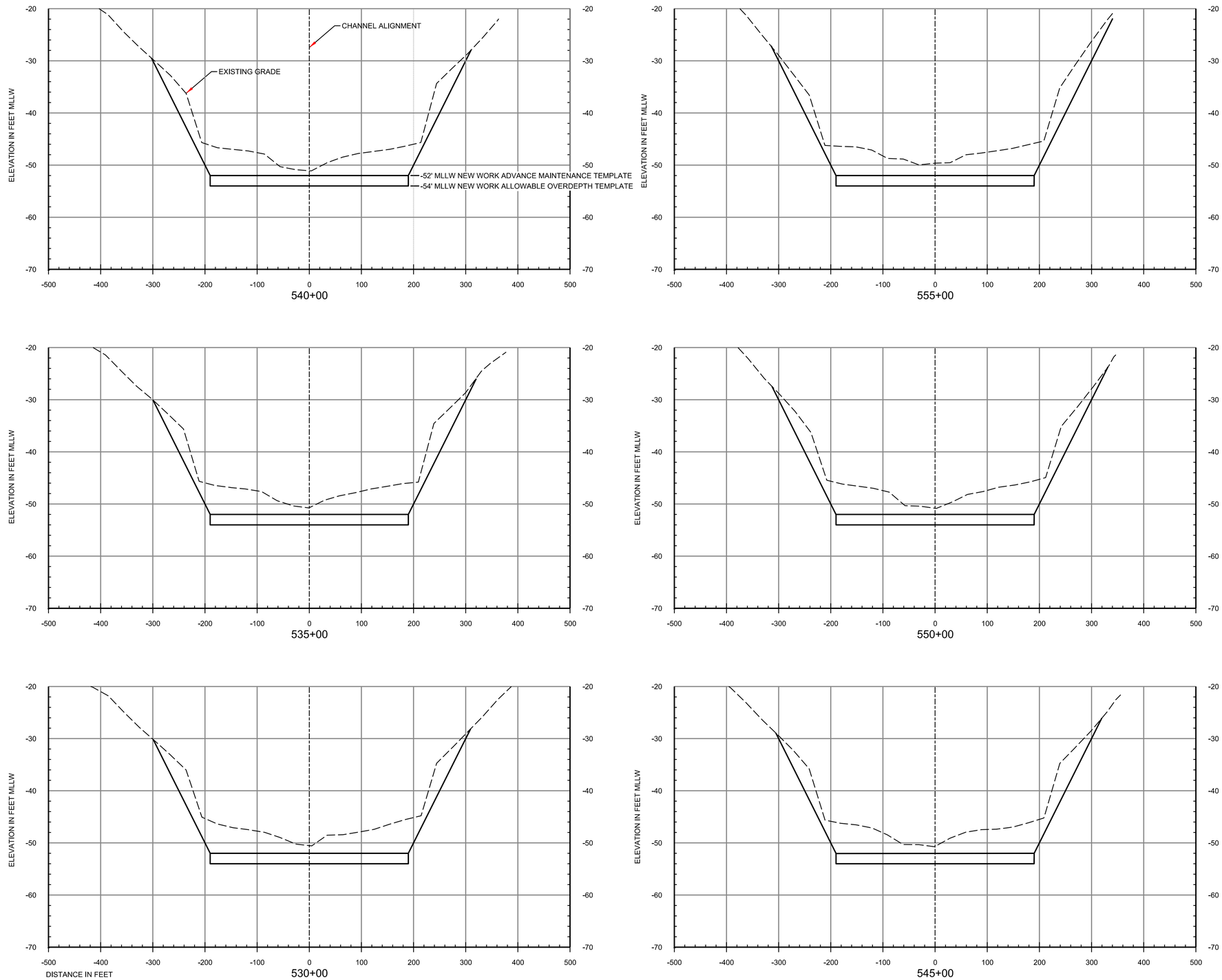
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

DREDGE CROSS SECTIONS

SHEET ID

CN302



VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VIGORITO
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
FILE NAME: CHC22001-CN303.dgn

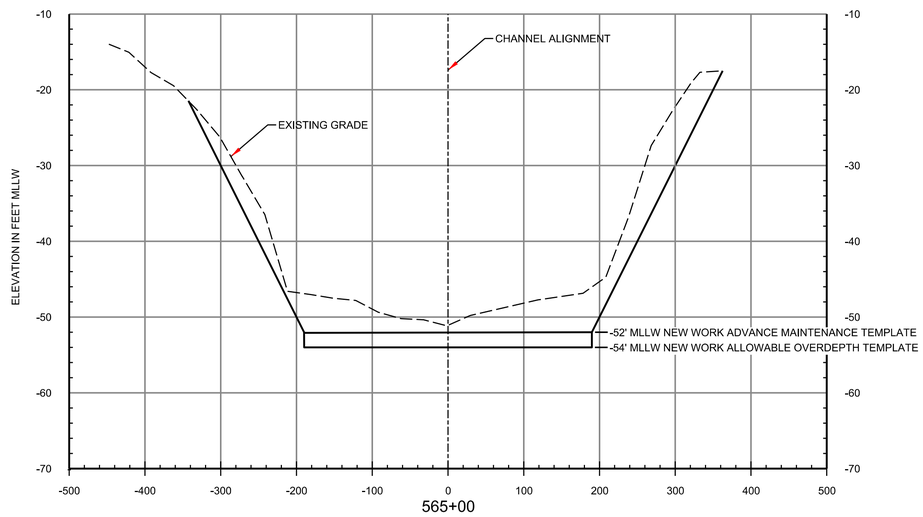
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

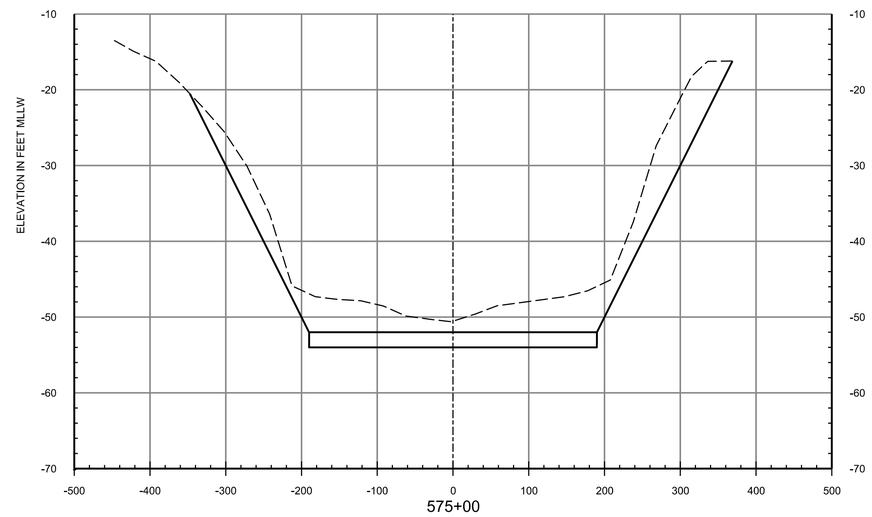
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

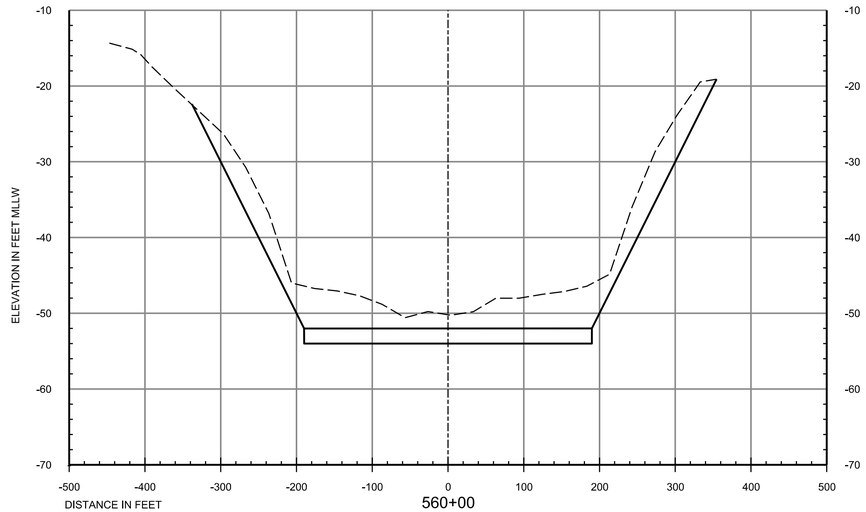
DREDGE CROSS SECTIONS

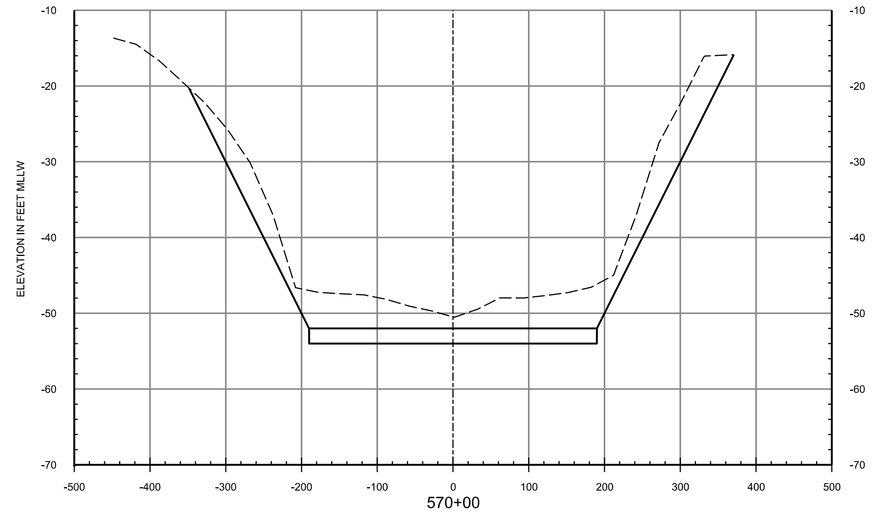
SHEET ID

CN303









VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
CHC22001-CN304.dgn

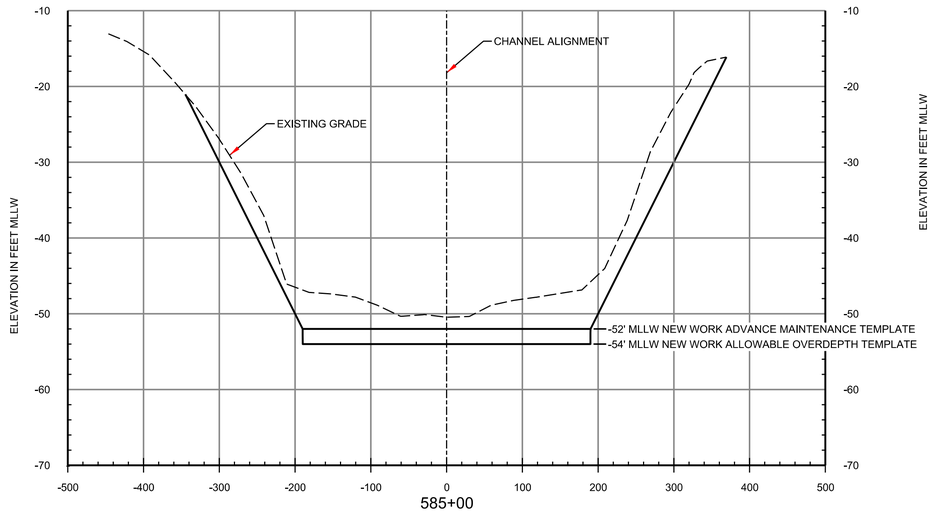
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

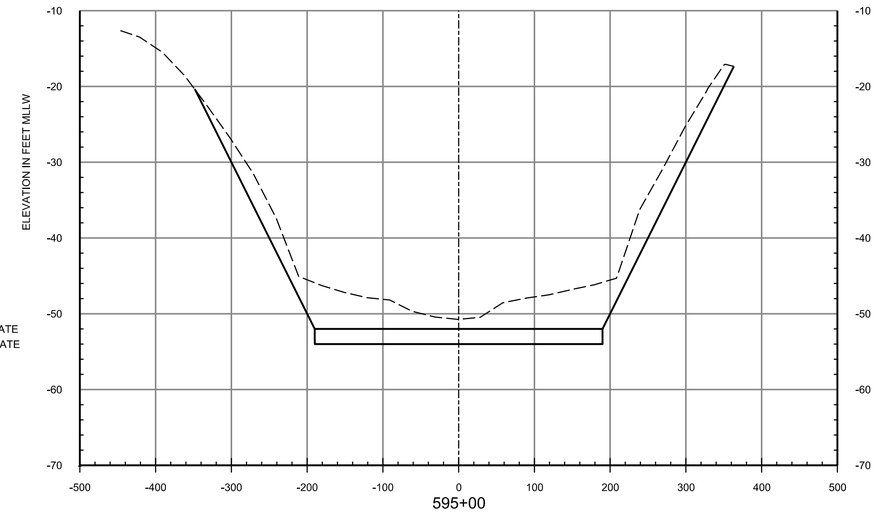
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

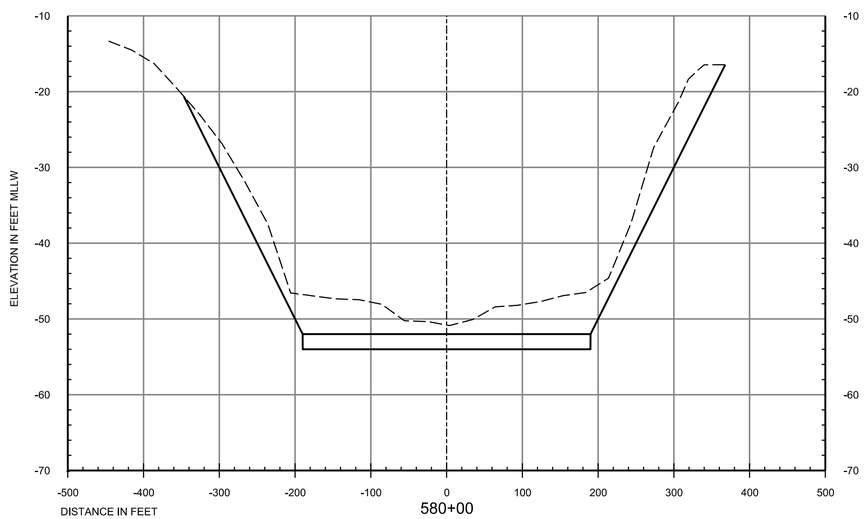
DREDGE CROSS SECTIONS

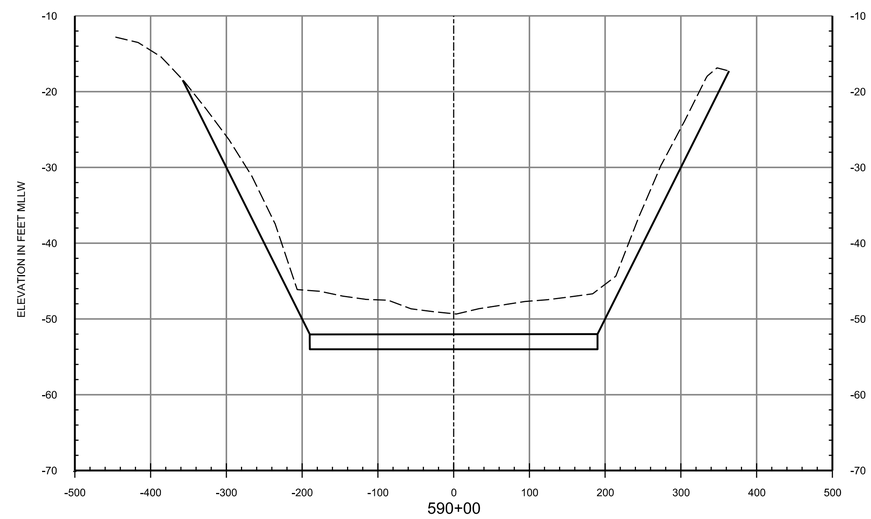
SHEET ID

CN304









VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W9XXXX-XX-X-XXX
CADD CODE: CHC22001
CHC22001-CN305.dgn
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
1.5:0 SHEET FILE NAME:

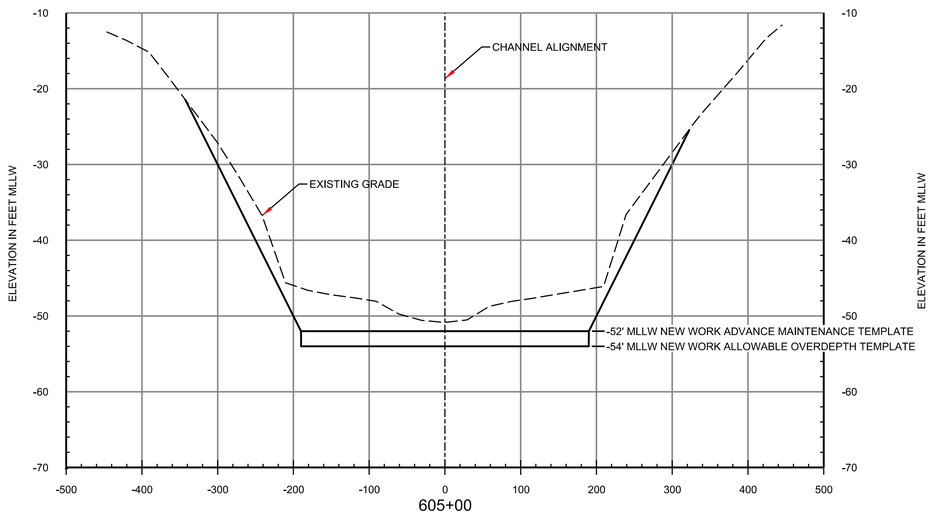
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

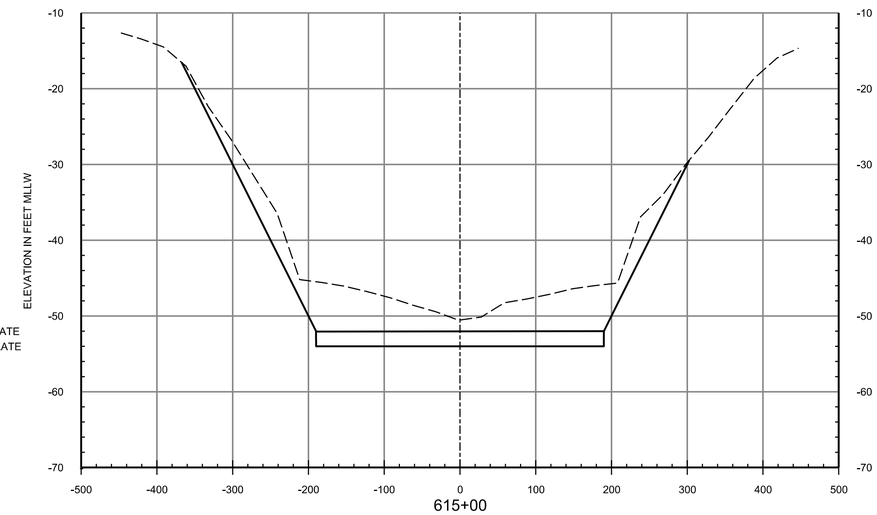
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

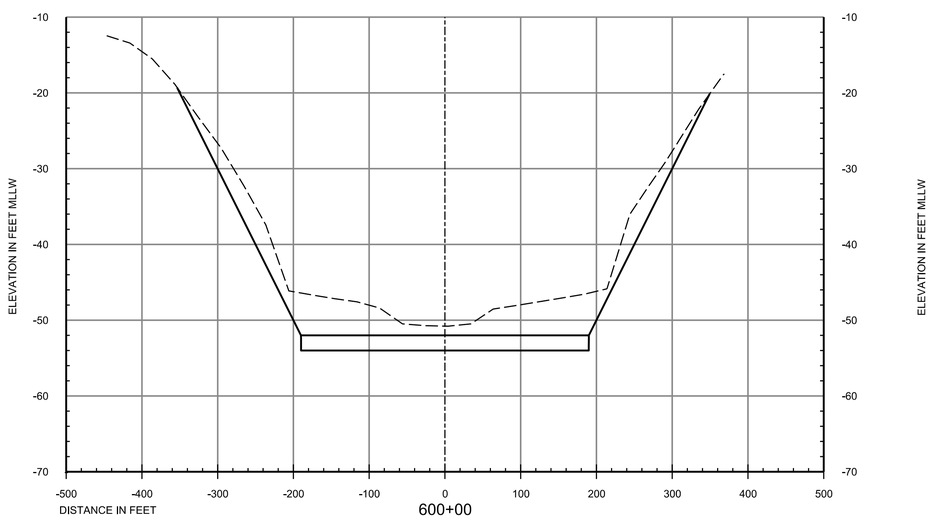
DREDGE CROSS SECTIONS

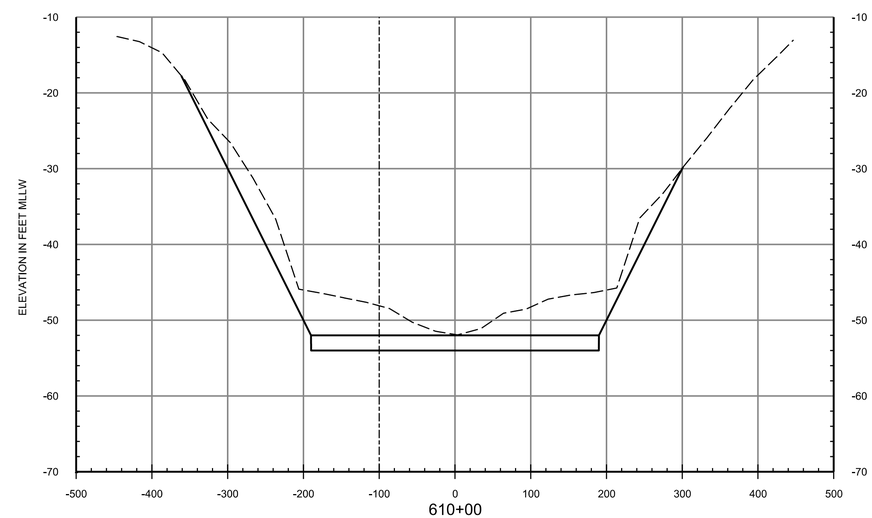
SHEET ID

CN305









VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VIGGIANI
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W2XXXX-XX-X-XXX
CADD CODE: CHCZ2001
U.S. ARMY SHEET FILE NAME: CHCZ2001-CN306.dgn

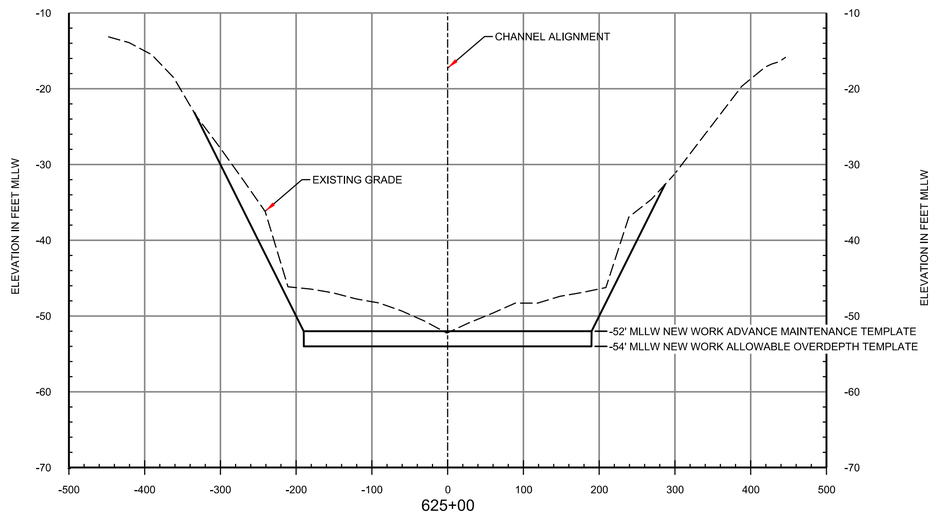
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

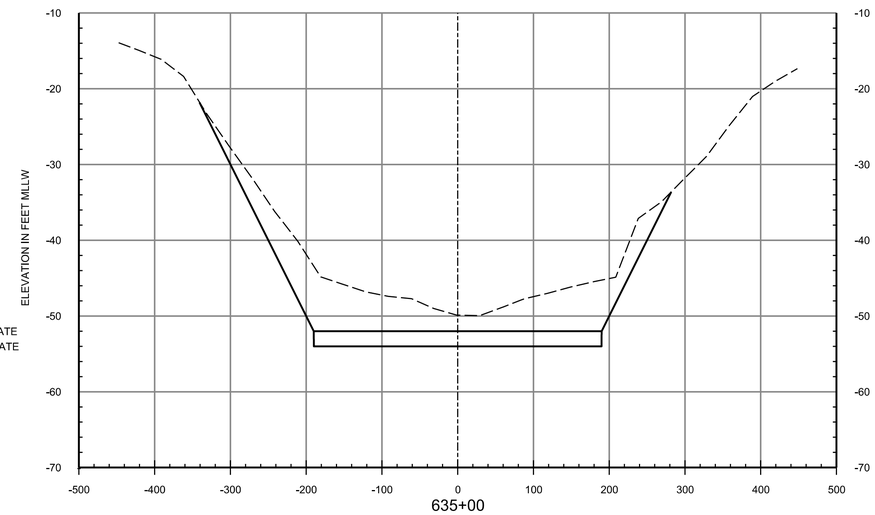
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

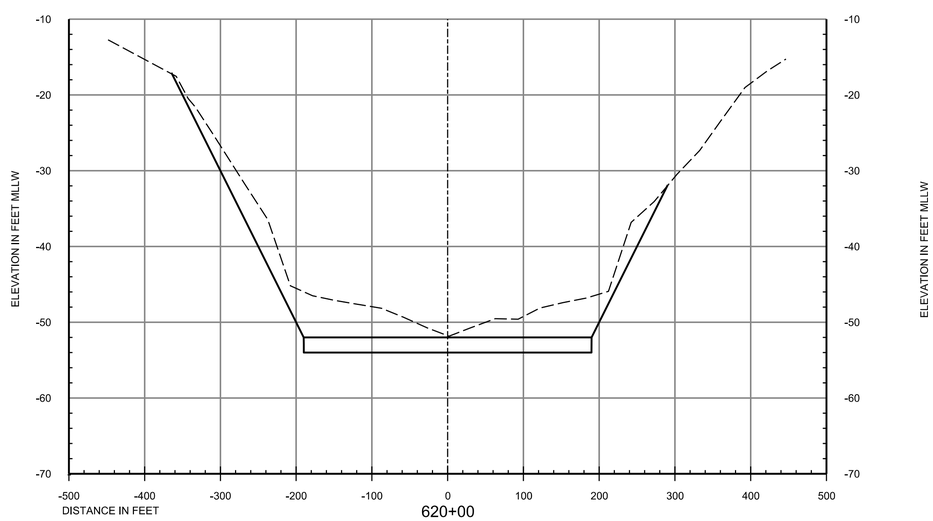
DREDGE CROSS SECTIONS

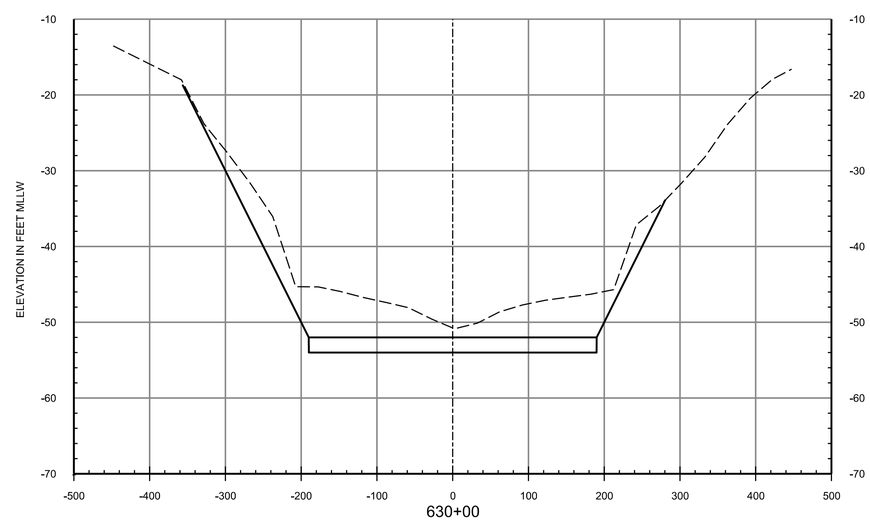
SHEET ID

CN306









VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VICCONS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
LAST SHEET FILE NAME: CHC22001-CN307.dgn

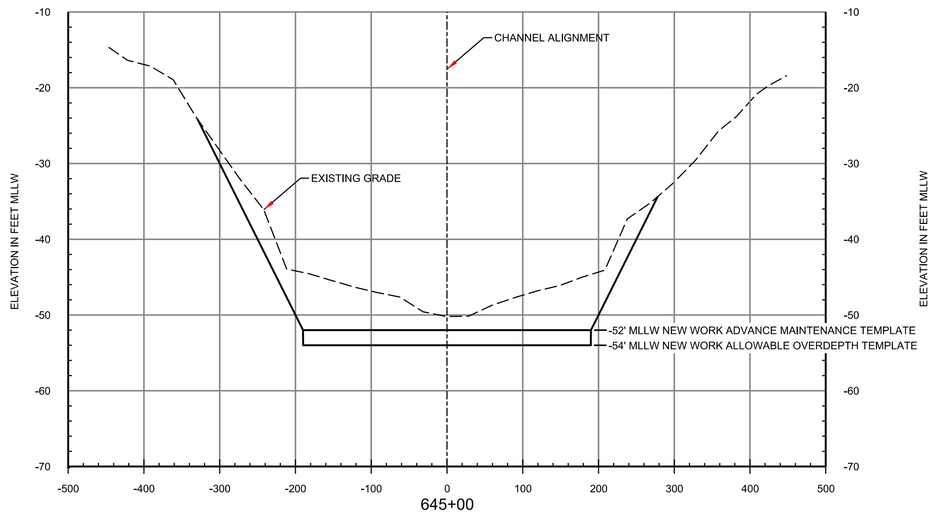
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

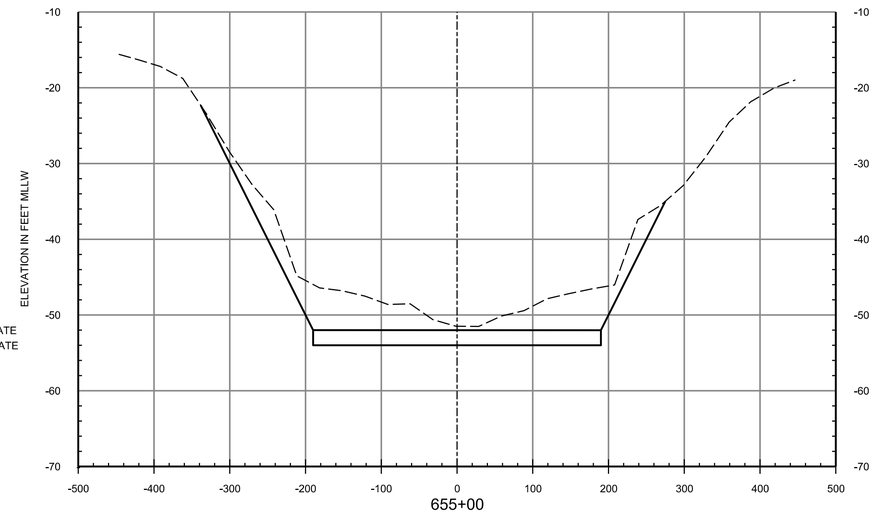
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

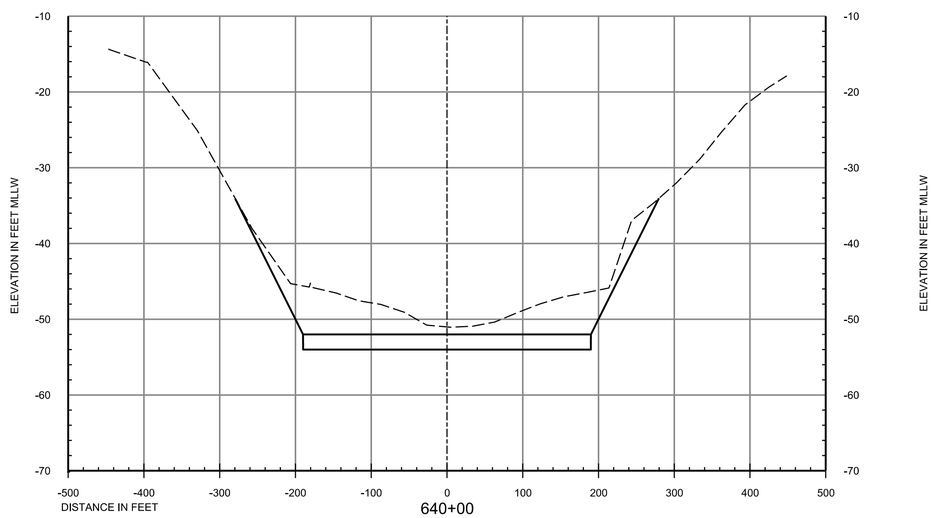
DREDGE CROSS SECTIONS

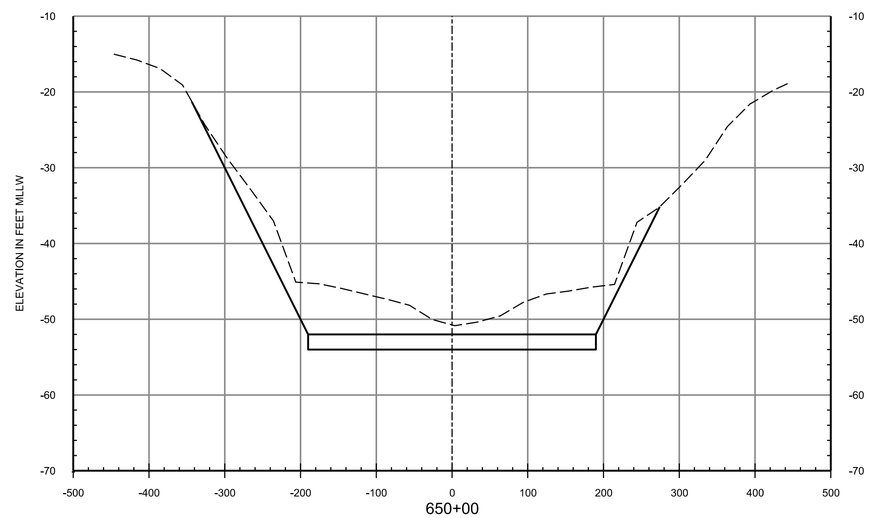
SHEET ID

CN307









DISTANCE IN FEET

VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

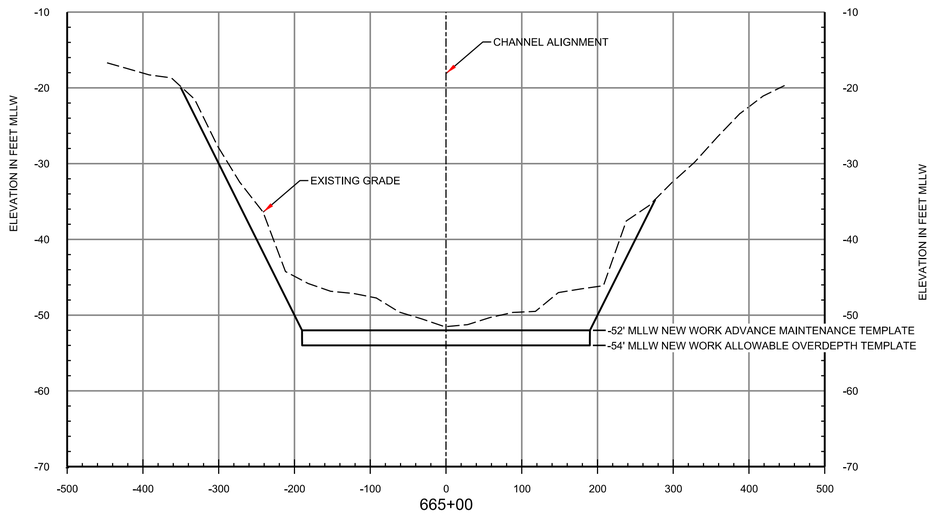
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
CHC22001-CN308.dgn
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

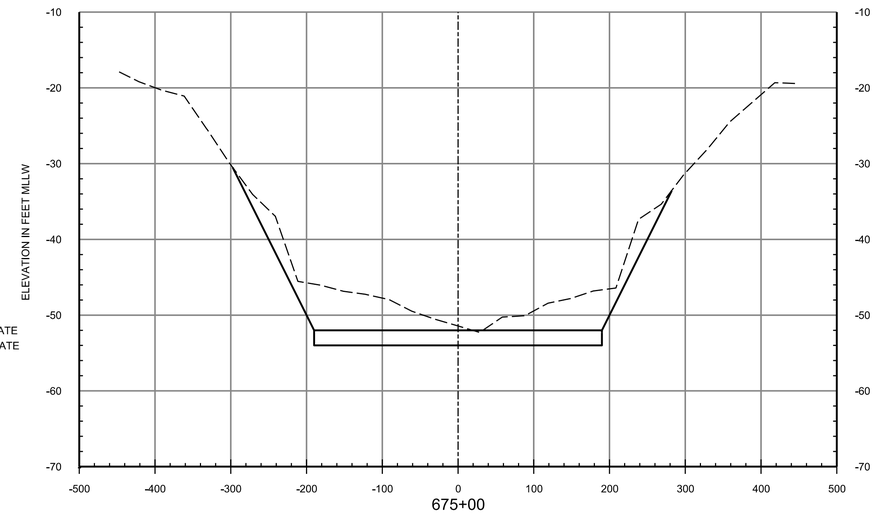
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

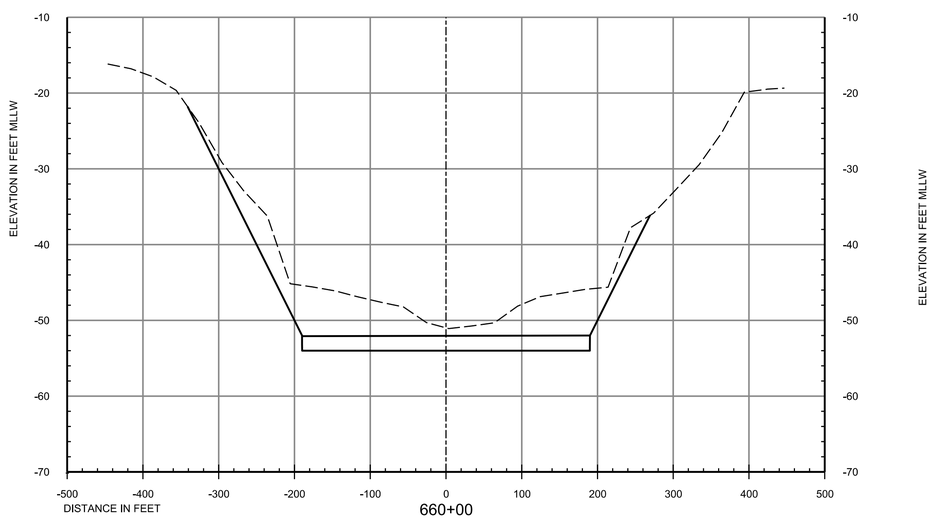
DREDGE CROSS SECTIONS

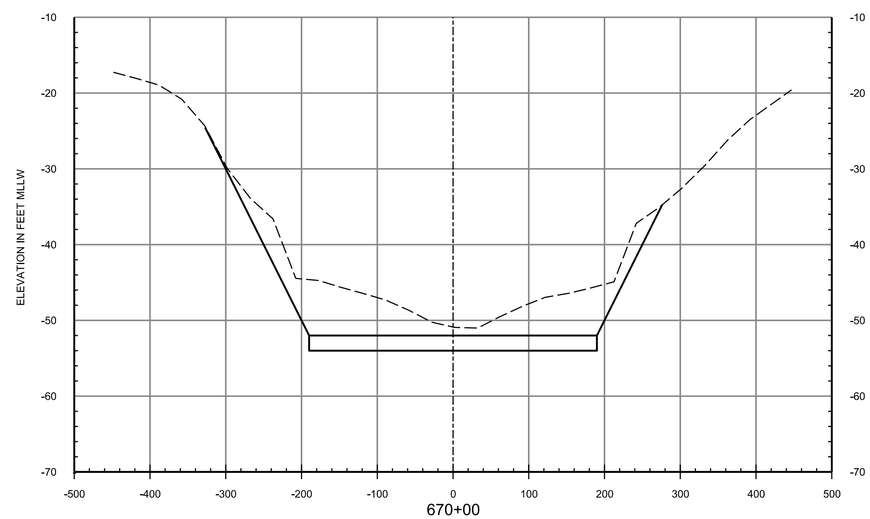
SHEET ID

CN308









DISTANCE IN FEET

VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
TLO SHEET FILE NAME: CHC22001-CN309.dgn

DESIGNED BY: J. BASS
DRAWN BY: J.GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D

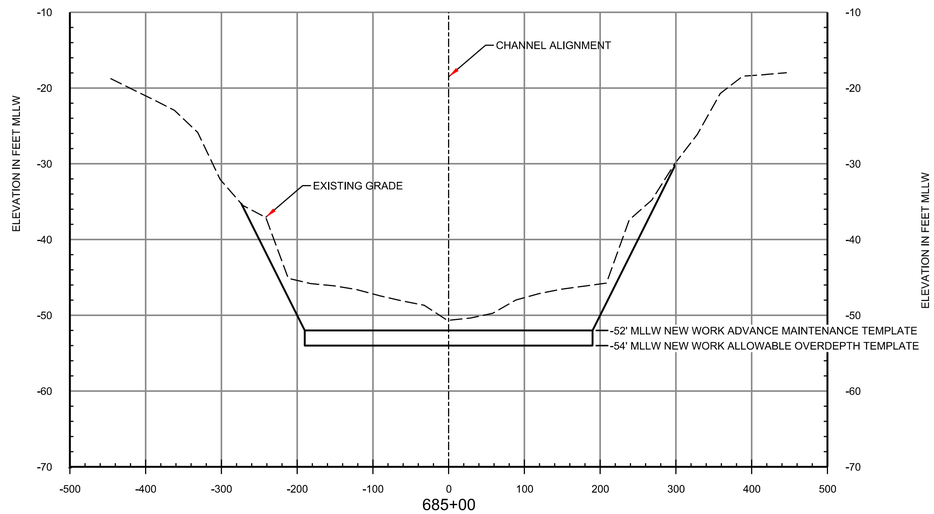
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

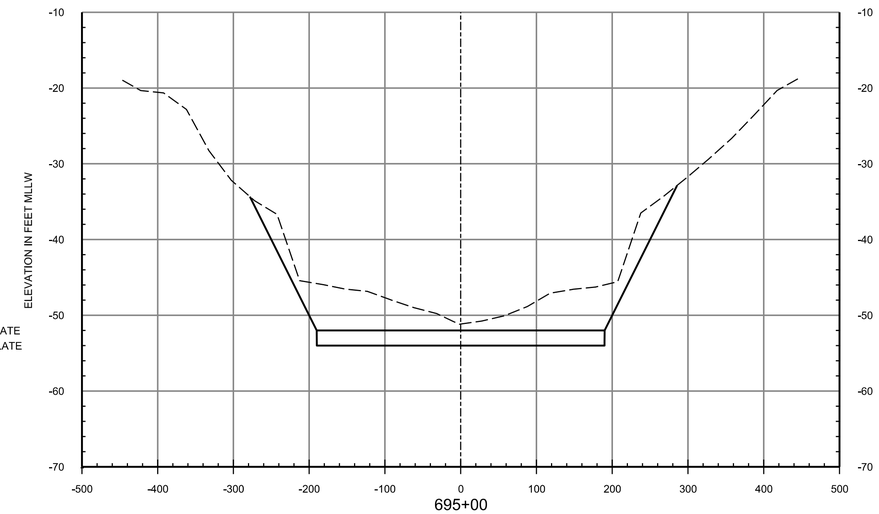
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

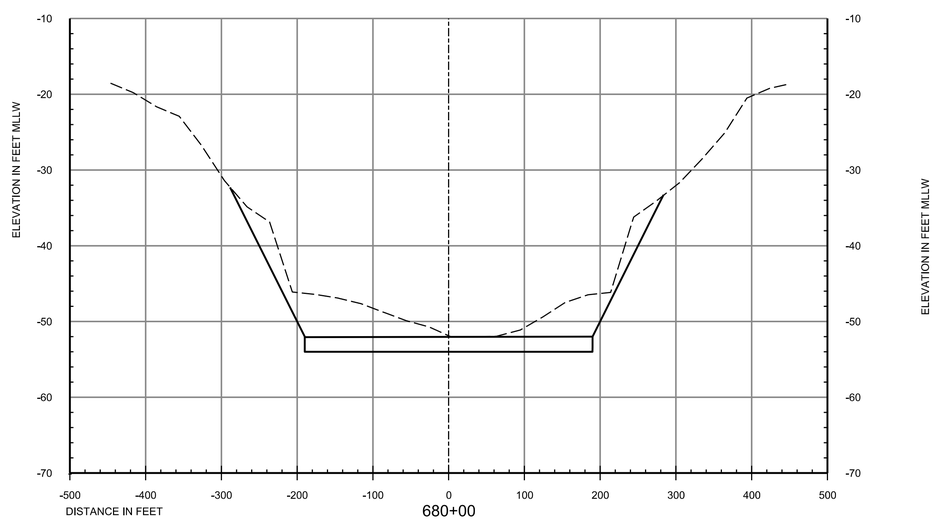
DREDGE CROSS SECTIONS

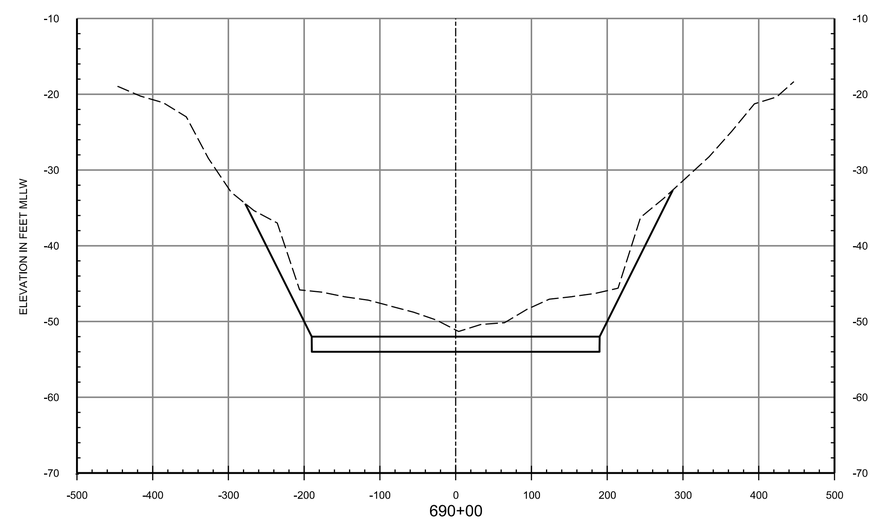
SHEET ID

CN309









VERTICAL SCALE 0 10' 20'

HORIZONTAL SCALE 0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
TS.O SHEET FILE NAME: CHC22001-CN310.dgn

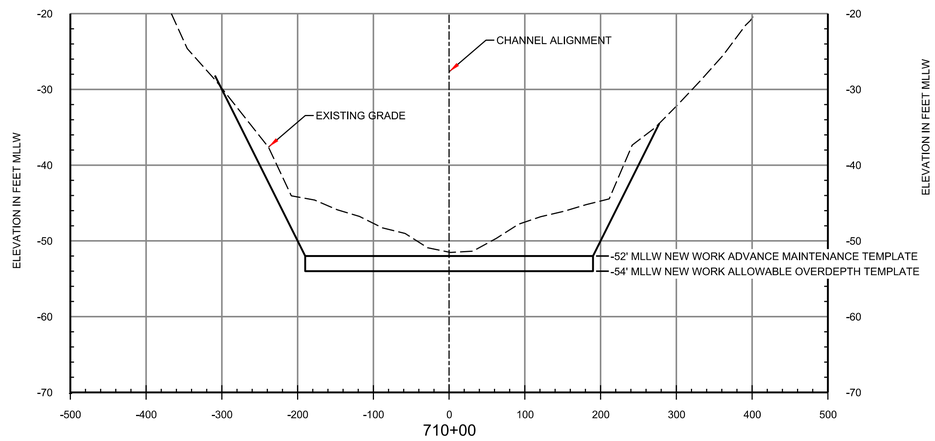
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

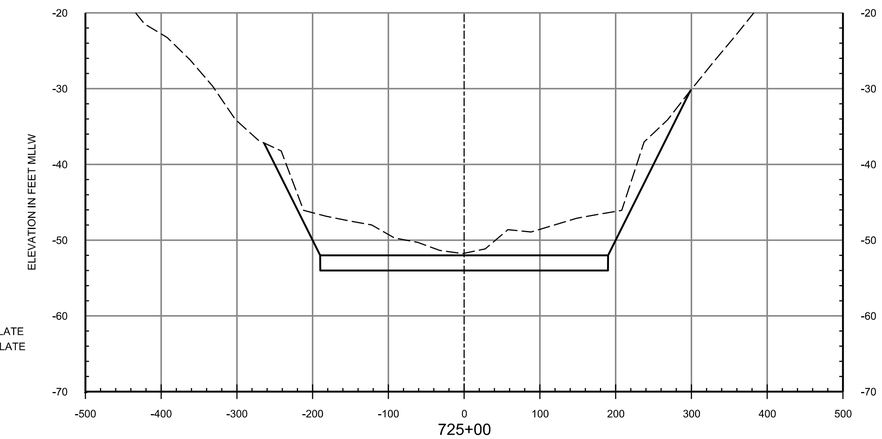
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

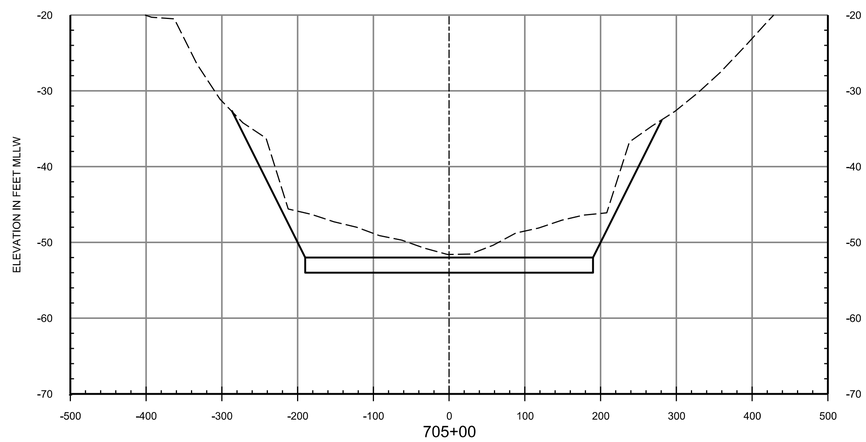
DREDGE CROSS SECTIONS

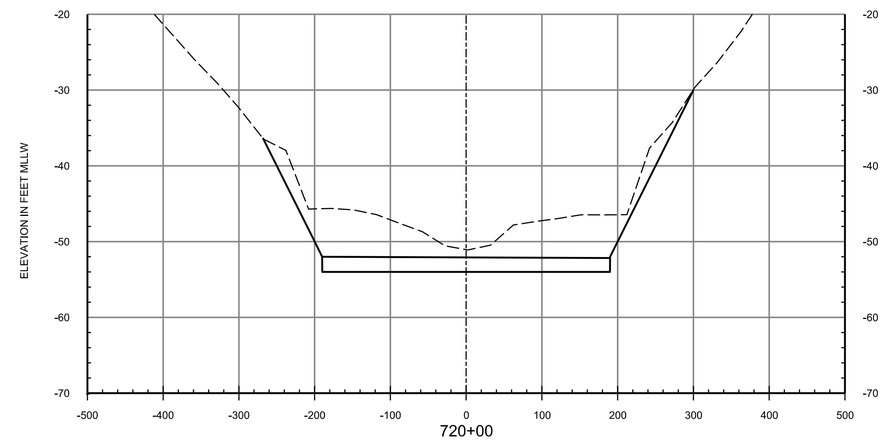
SHEET ID

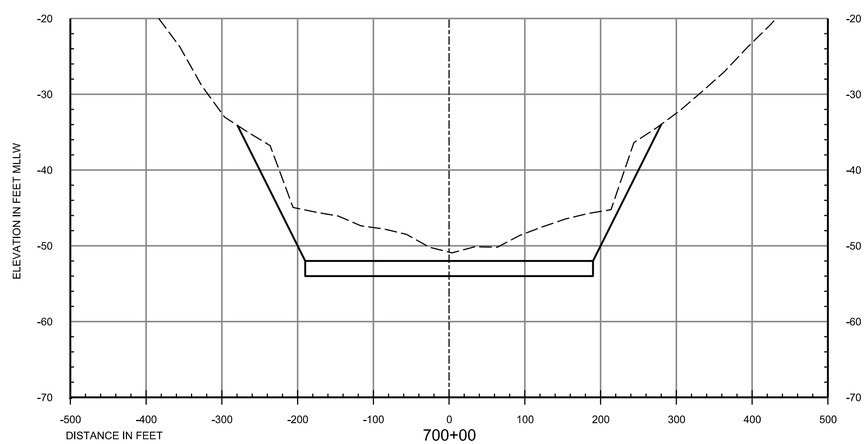
CN310

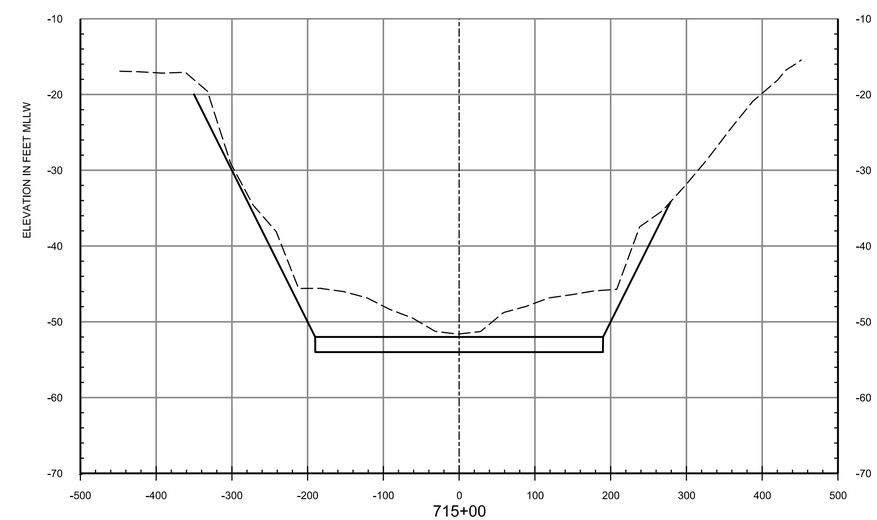












VERTICAL SCALE
0 10' 20'

HORIZONTAL SCALE
0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VIGGIANO
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHC22001
FILE NAME: CHC22001-CN311.dgn

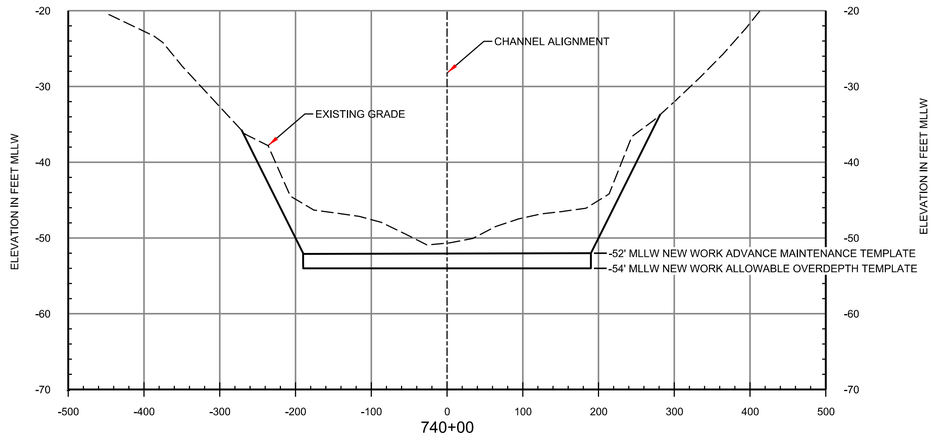
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

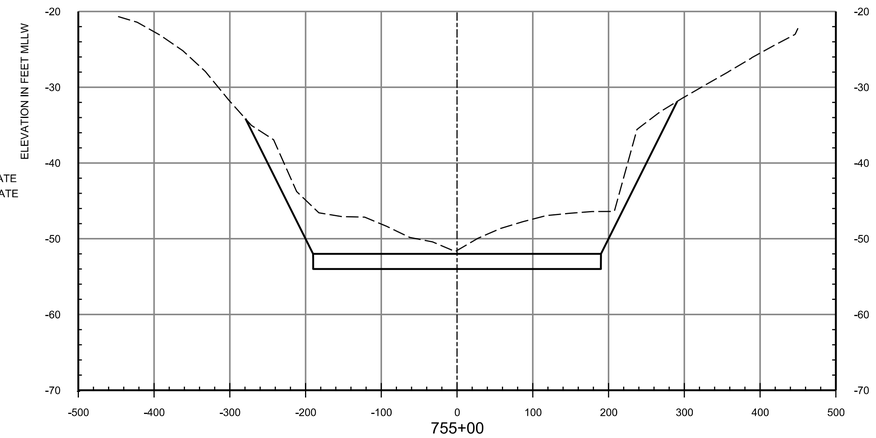
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

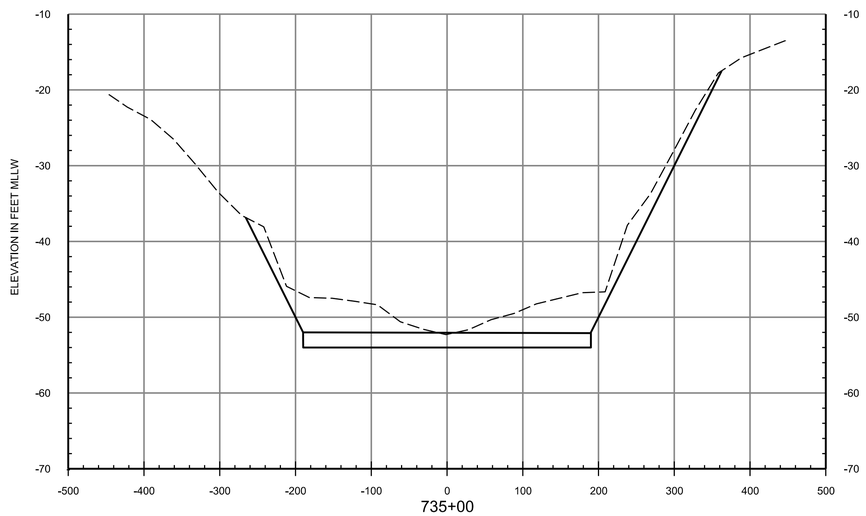
DREDGE CROSS SECTIONS

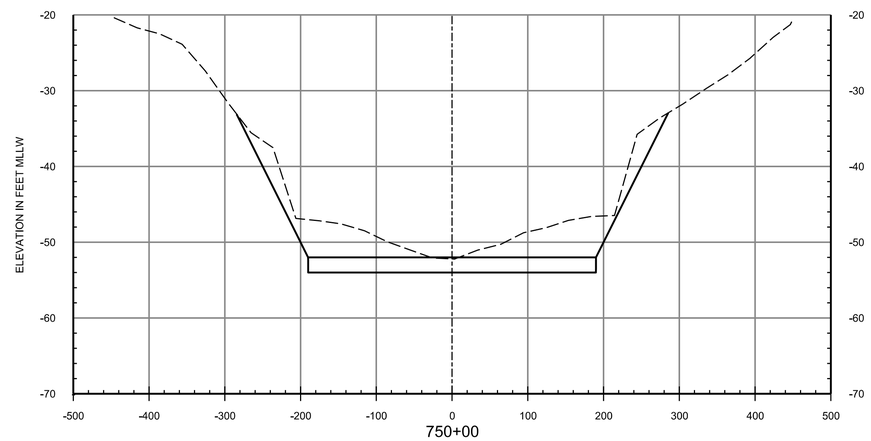
SHEET ID

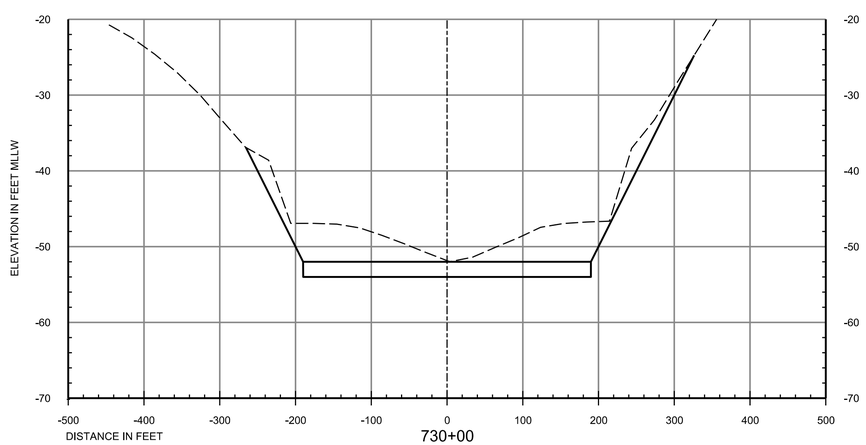
CN311

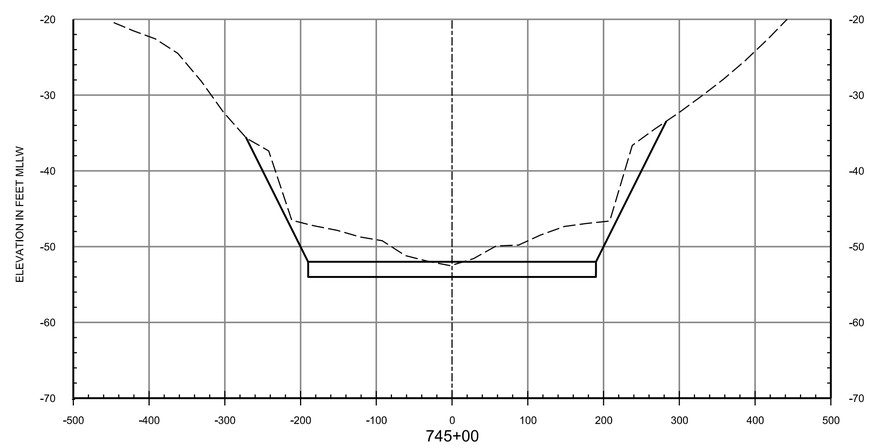












VERTICAL SCALE
0 10' 20'

HORIZONTAL SCALE
0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHC22001
SHEET FILE NAME: CHC22001-CN312.dgn

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: 1.5:0 ANSI D

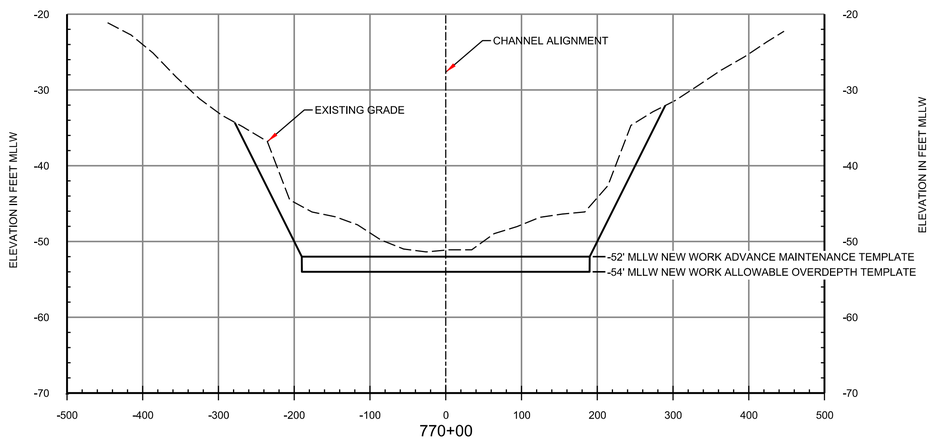
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

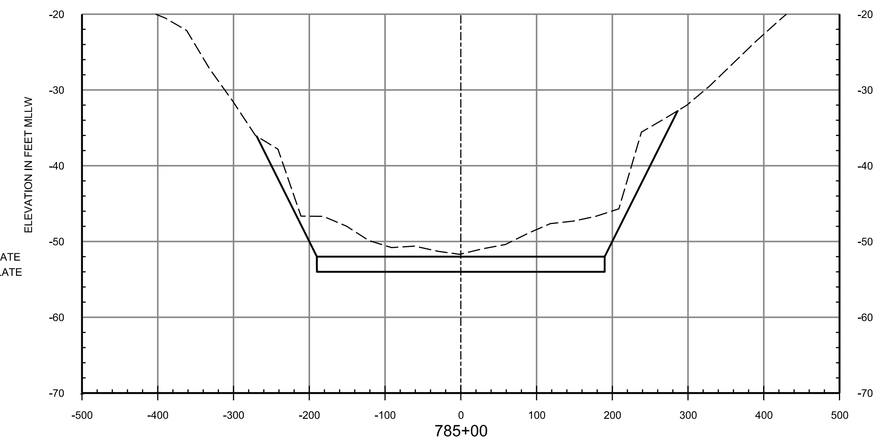
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

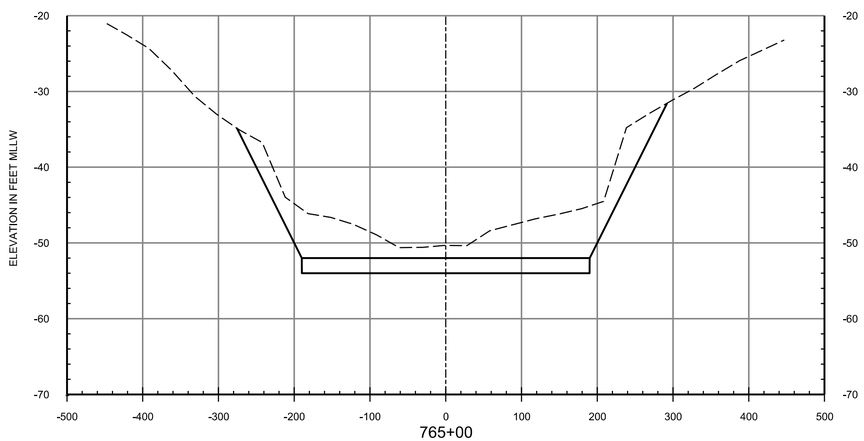
DREDGE CROSS SECTIONS

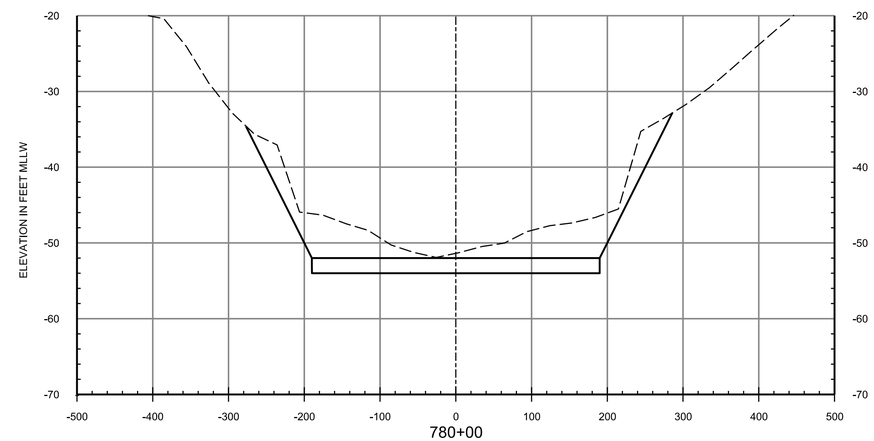
SHEET ID

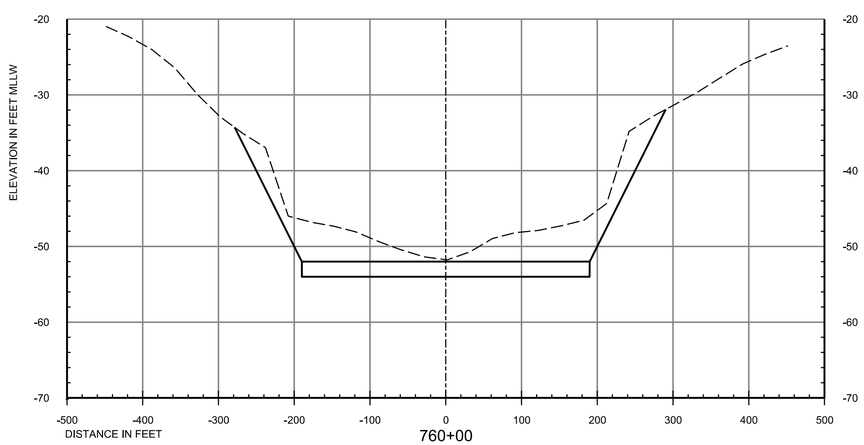
CN312

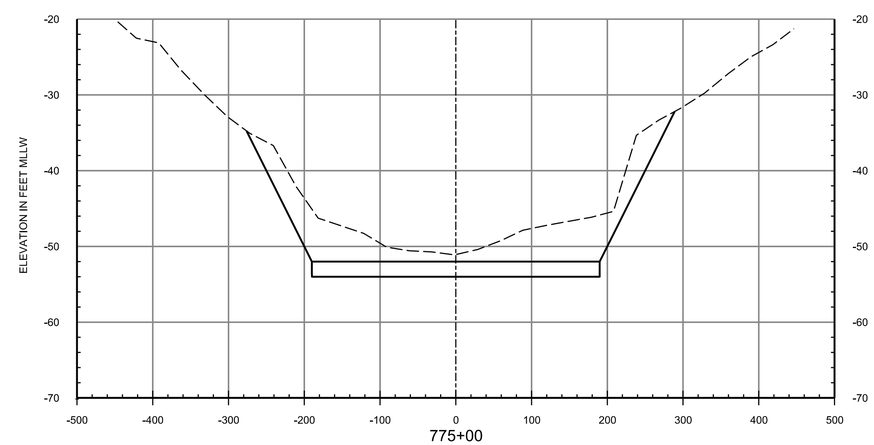












VERTICAL SCALE
0 10' 20'

HORIZONTAL SCALE
0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

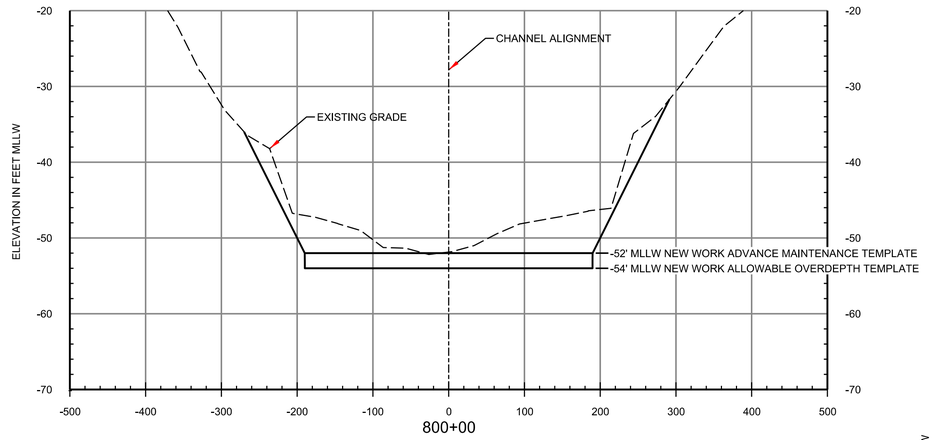
DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VIGGIANO
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHC22001
FILE NAME: CHC22001-CN313.dgn

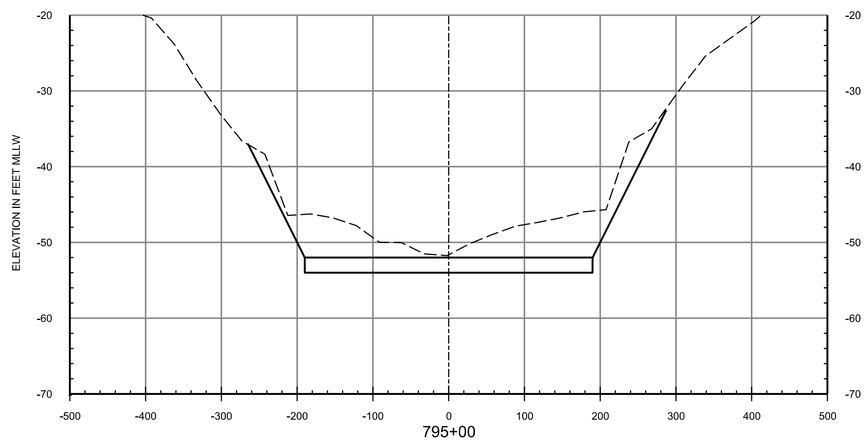
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

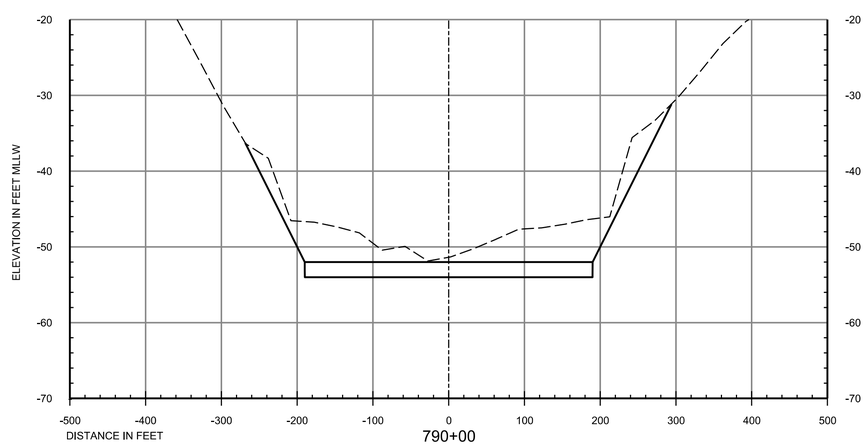
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

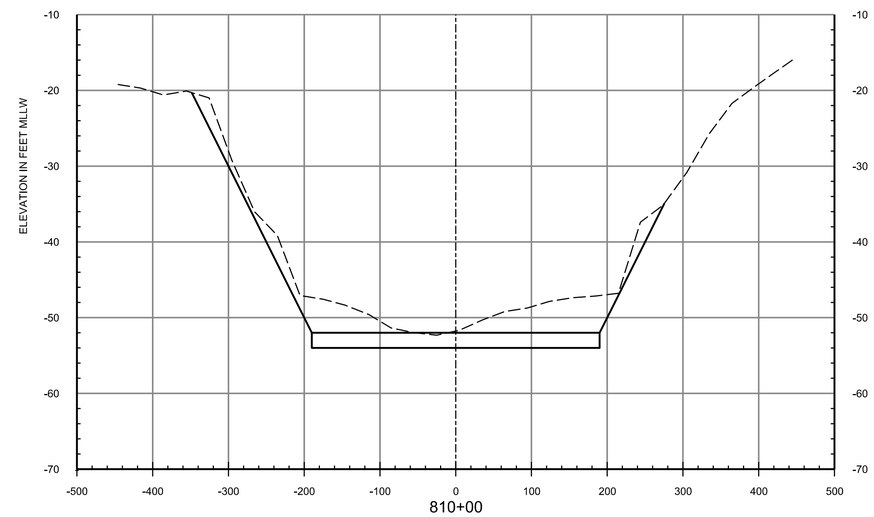
DREDGE CROSS SECTIONS

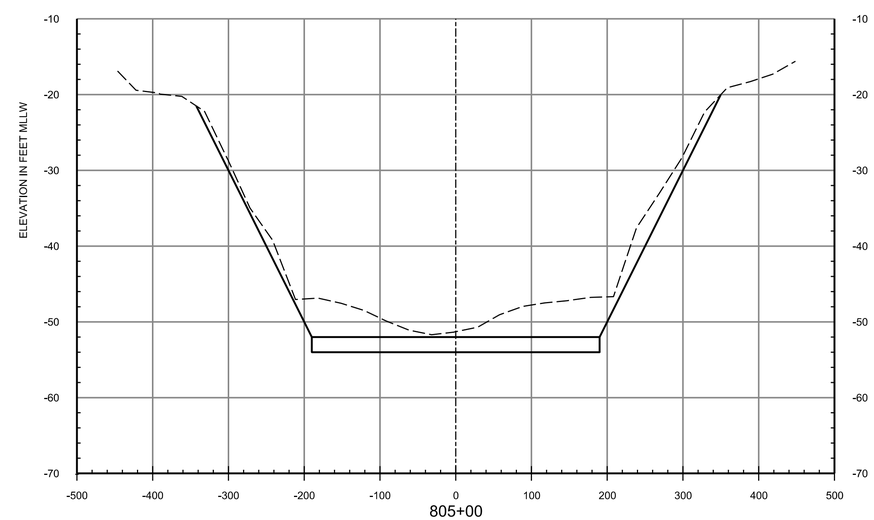
SHEET ID
CN313











VERTICAL SCALE
0 10' 20'

HORIZONTAL SCALE
0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
ISJO SHEET FILE NAME: CHC22001-CN314.dgn

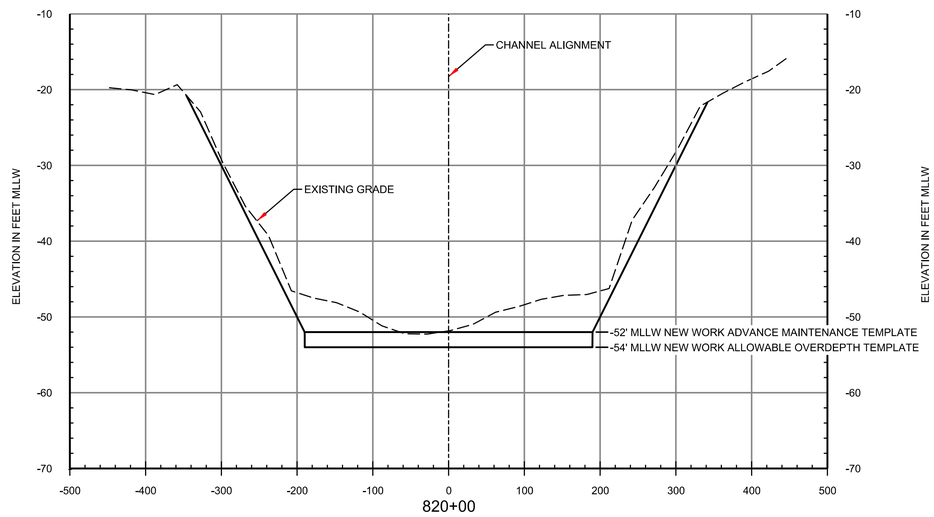
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

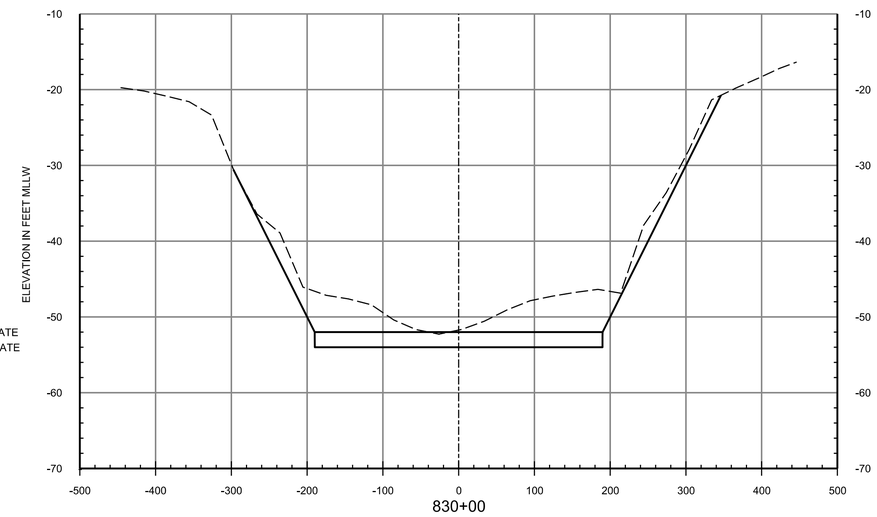
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

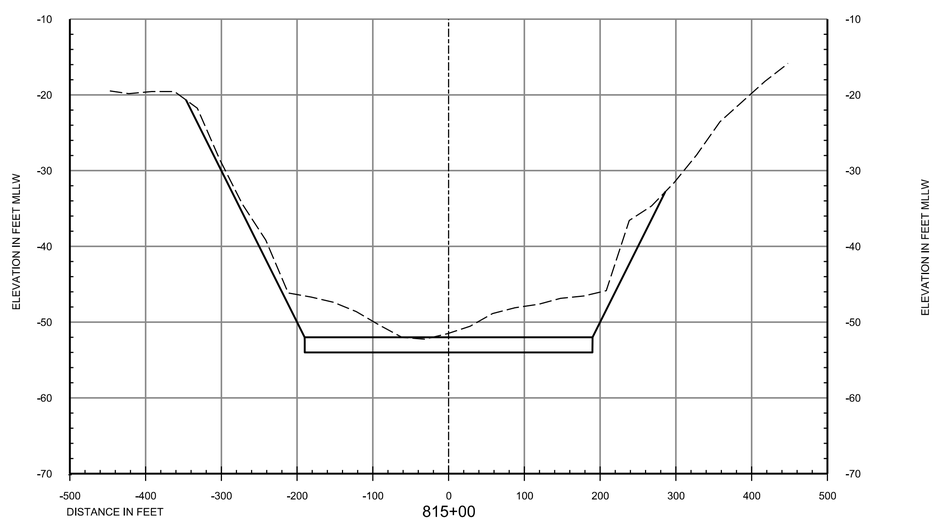
DREDGE CROSS SECTIONS

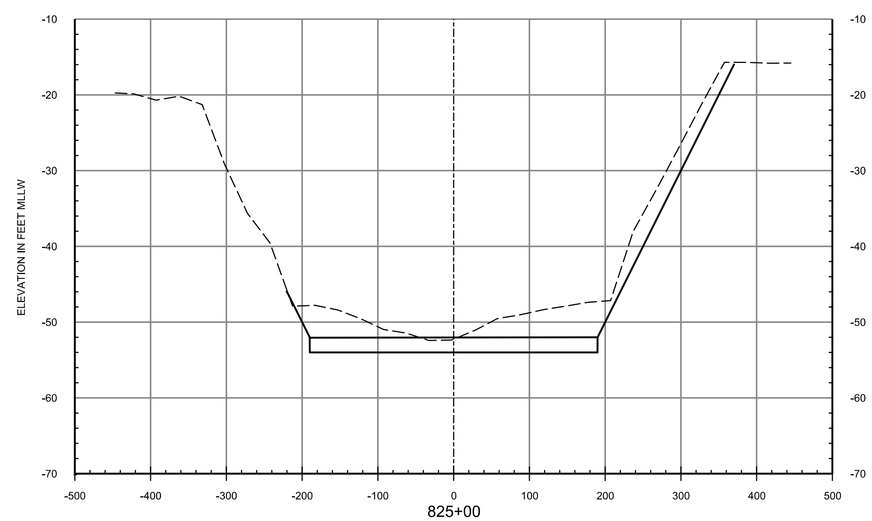
SHEET ID

CN314









VERTICAL SCALE
0 10' 20'

HORIZONTAL SCALE
0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHC22001
SHEET FILE NAME: CHC22001-CN315.dgn

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
I.S.O SHEET FILE NAME:

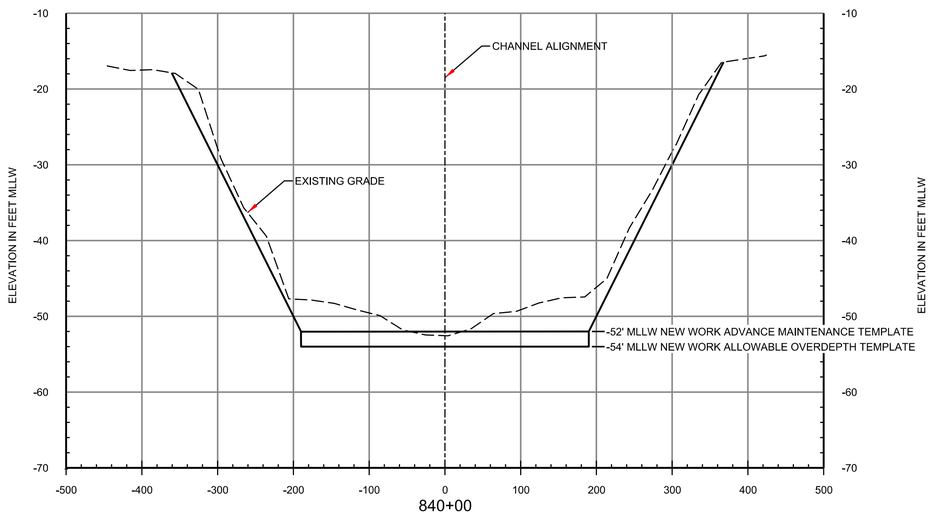
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

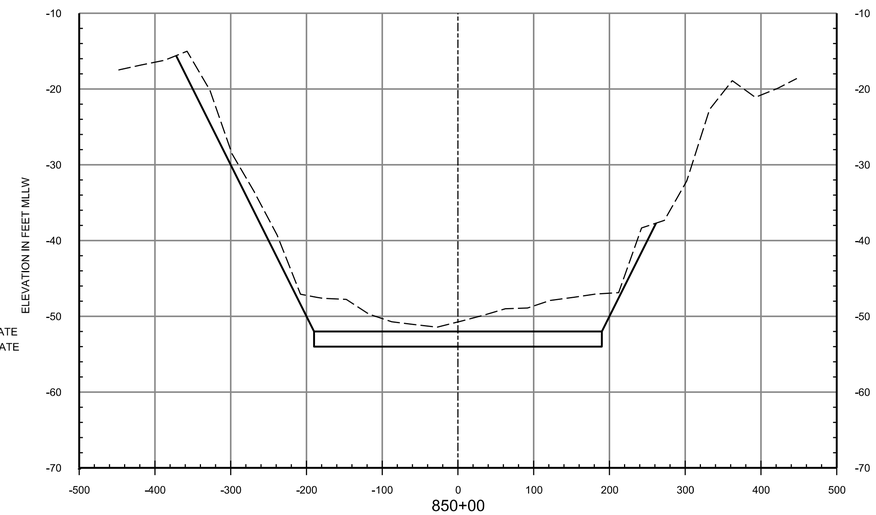
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

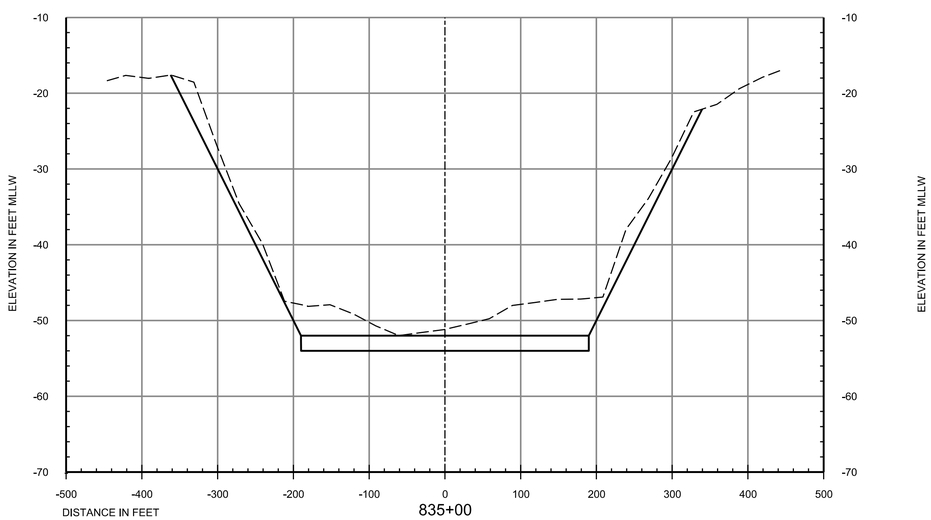
DREDGE CROSS SECTIONS

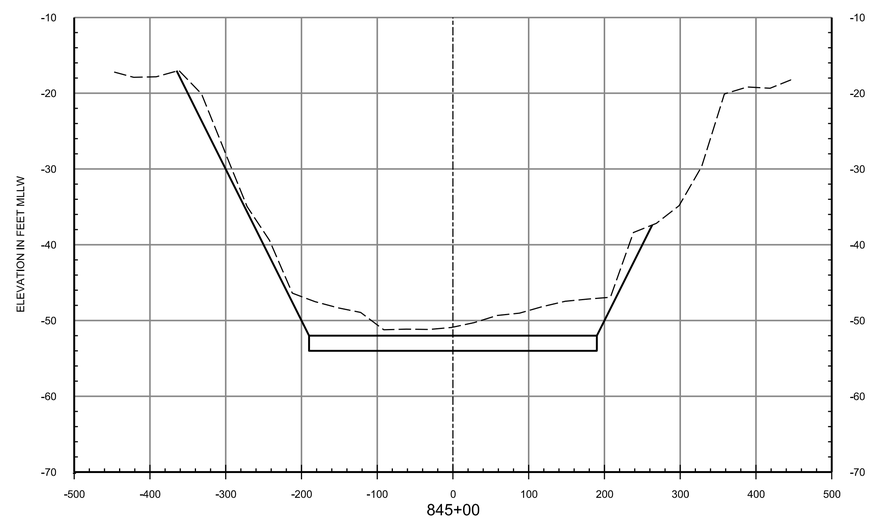
SHEET ID

CN315









VERTICAL SCALE

0 10' 20'

HORIZONTAL SCALE

0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VIGORITO
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
FILE NAME: CHC22001-CN316.dgn

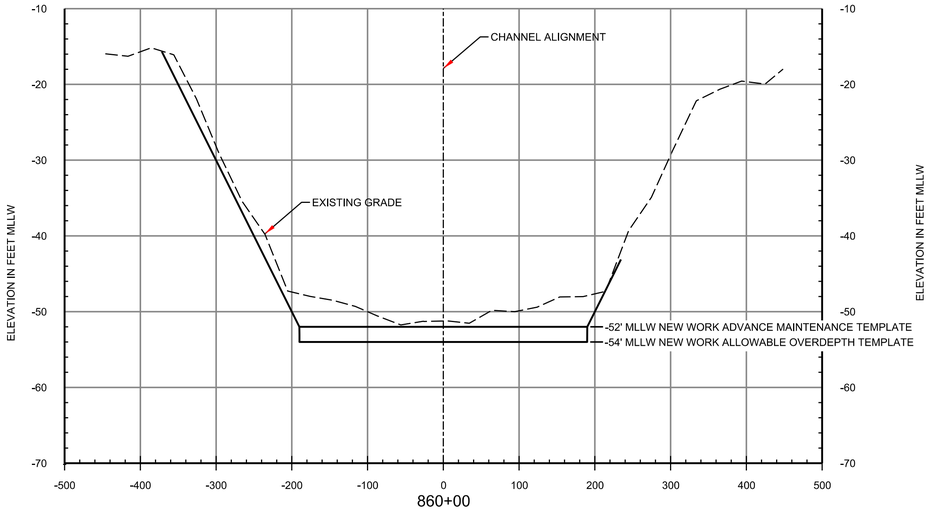
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

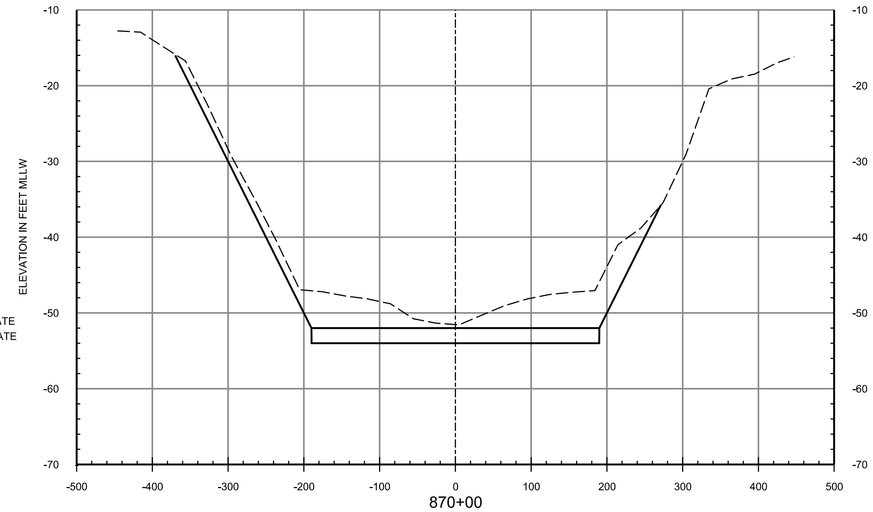
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

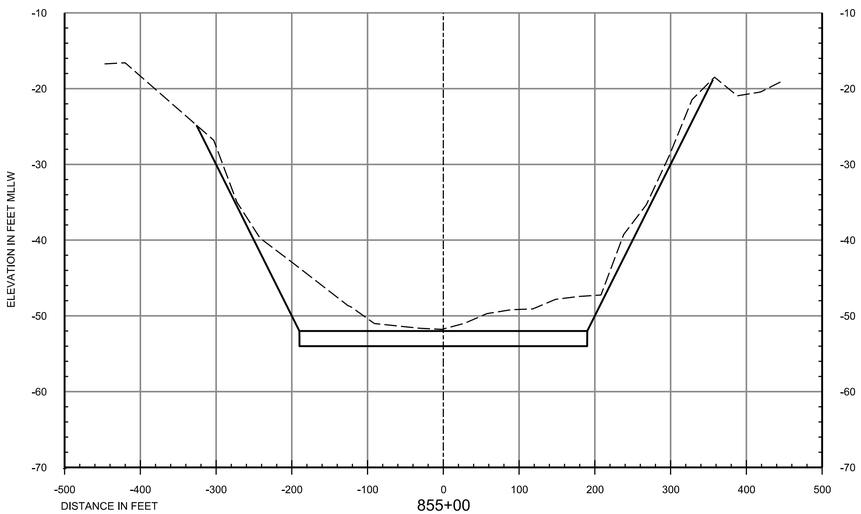
DREDGE CROSS SECTIONS

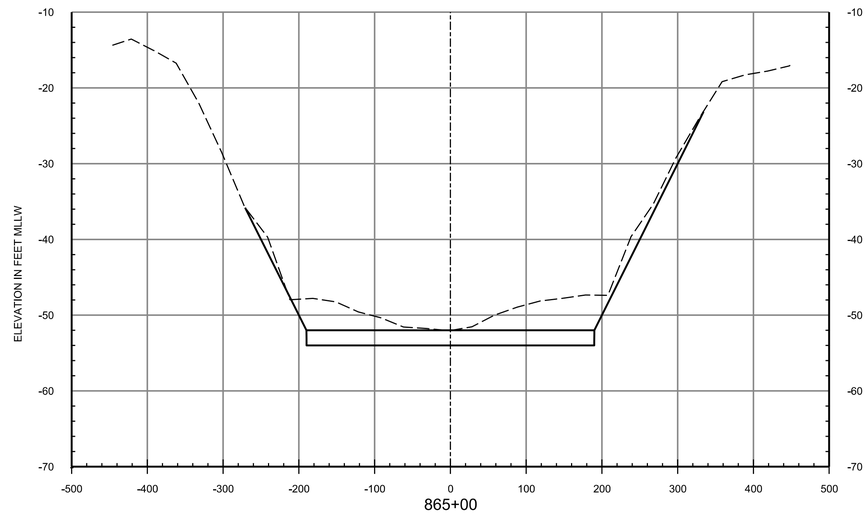
SHEET ID

CN316









VERTICAL SCALE

0 10' 20'

HORIZONTAL SCALE

0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXX)X-XX-X-XXX
CADD CODE: CHC22001
T.S.O SHEET FILE NAME: CHC22001-CN317.dgn

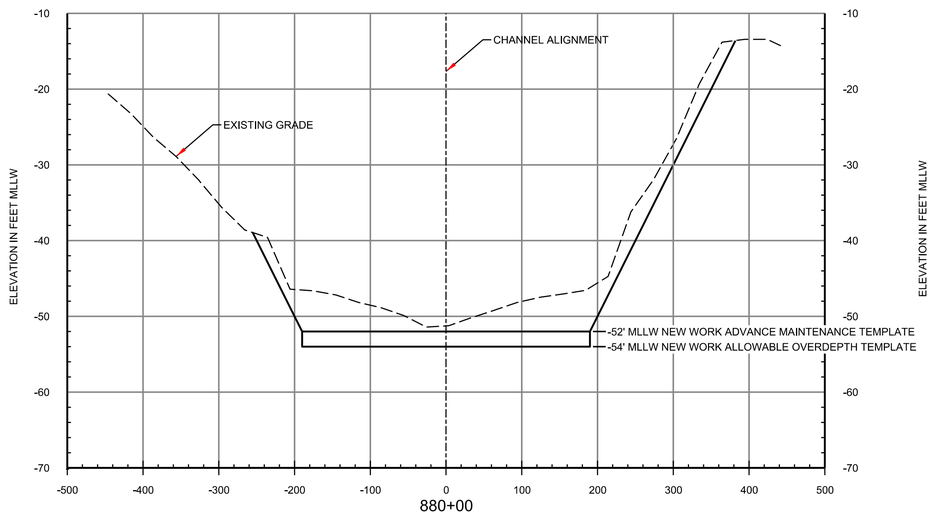
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

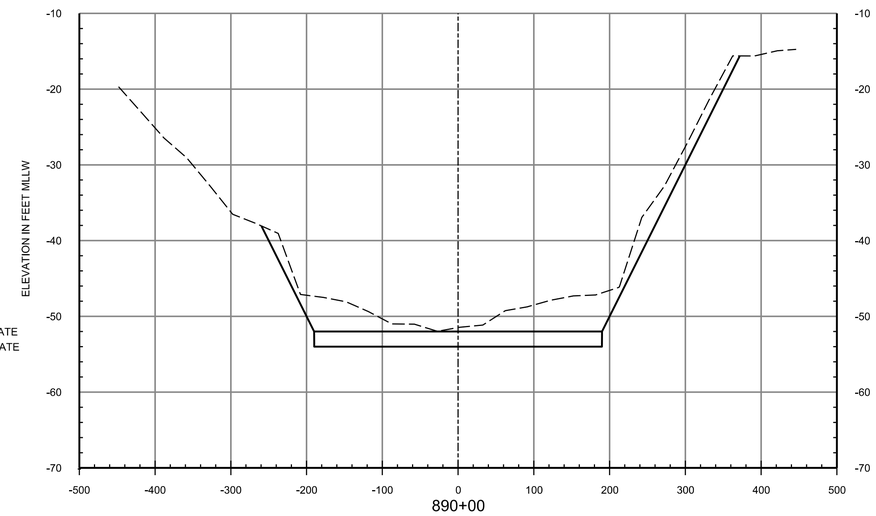
MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

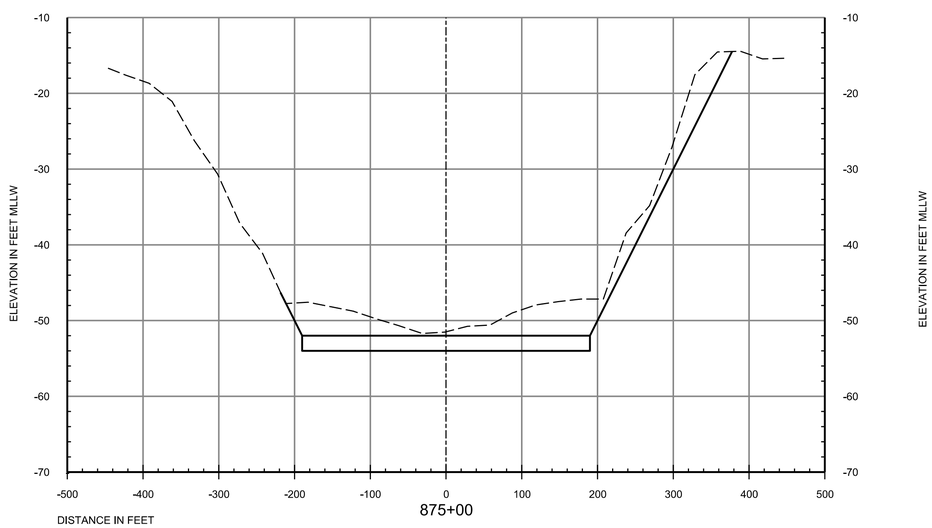
DREDGE CROSS SECTIONS

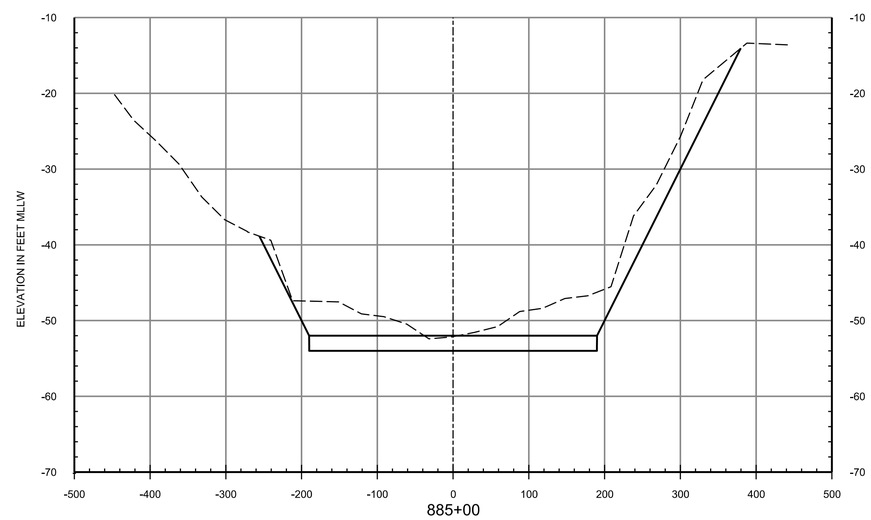
SHEET ID

CN317









VERTICAL SCALE
0 10' 20'

HORIZONTAL SCALE
0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
I.S./J SHEET FILE NAME: CHC22001-CN318.dgn

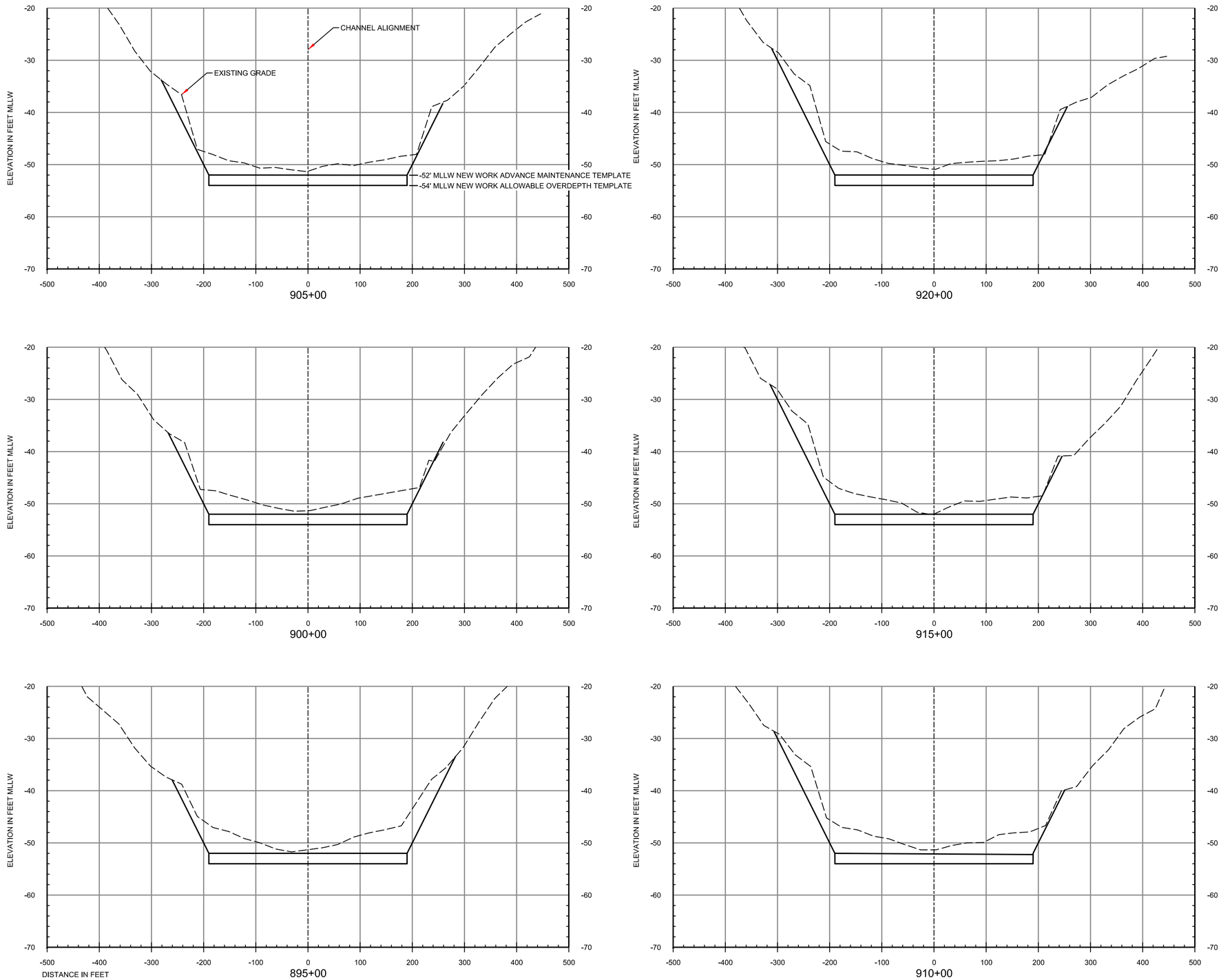
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

DREDGE CROSS SECTIONS

SHEET ID

CN318



VERTICAL SCALE
0 10' 20'

HORIZONTAL SCALE
0 100' 200'

LEGEND

EXISTING GRADE

DREDGE TEMPLATE

NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. WIGGINS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W0XXXX-XX-X-XXX
CADD CODE: CHC22001
U.S.D SHEET FILE NAME: CHC22001-CN319.dgn

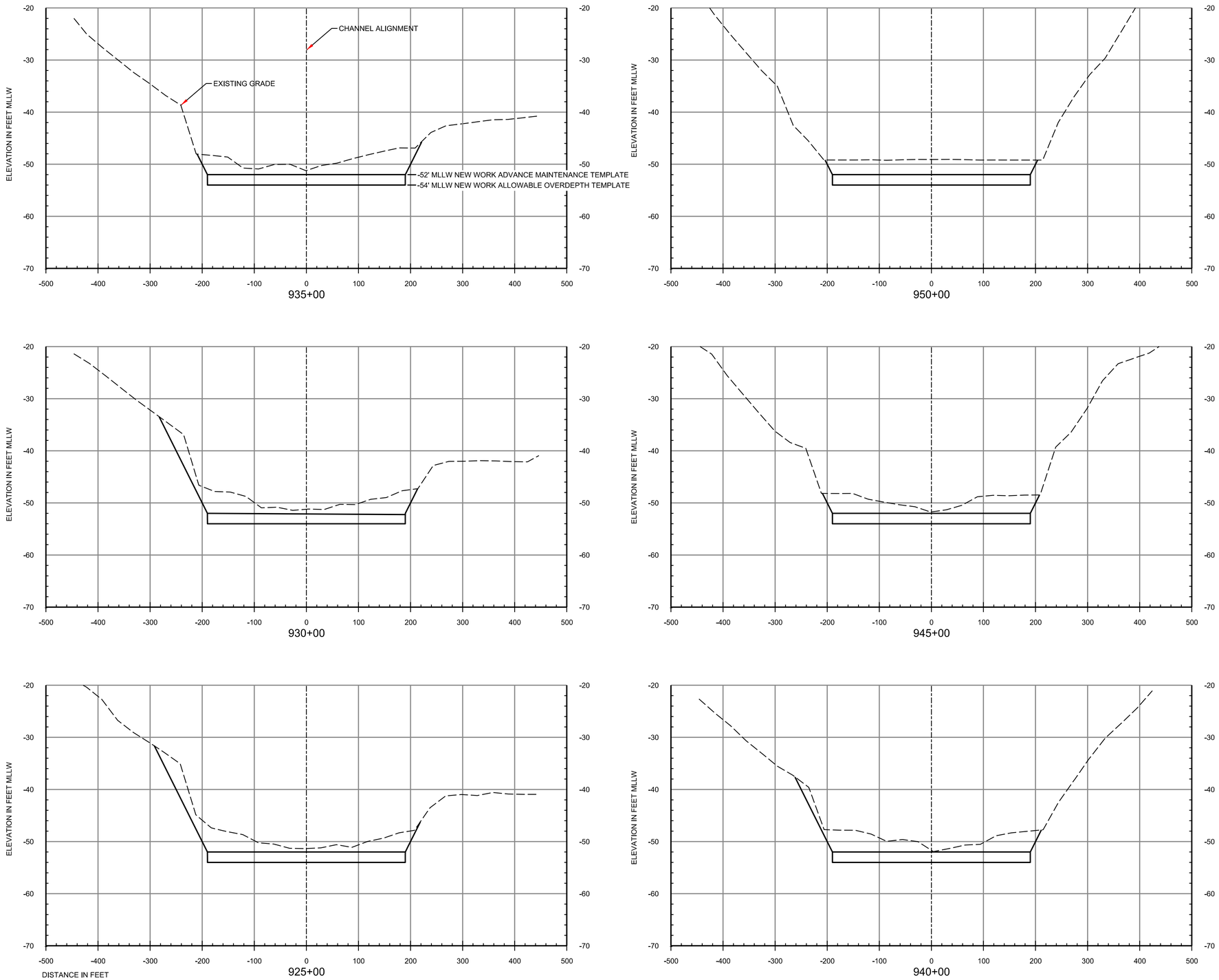
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

DREDGE CROSS SECTIONS

SHEET ID

CN319



NOTES:

1. SEE SHEET G-003 FOR GENERAL NOTES.

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MARK	DESCRIPTION	DATE

DESIGNED BY: J. BASS
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VIGGIANI
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W2XXXX-XX-X-XXX
CADD CODE: CHC22001
FILE NAME: CHC22001-CN320.dgn

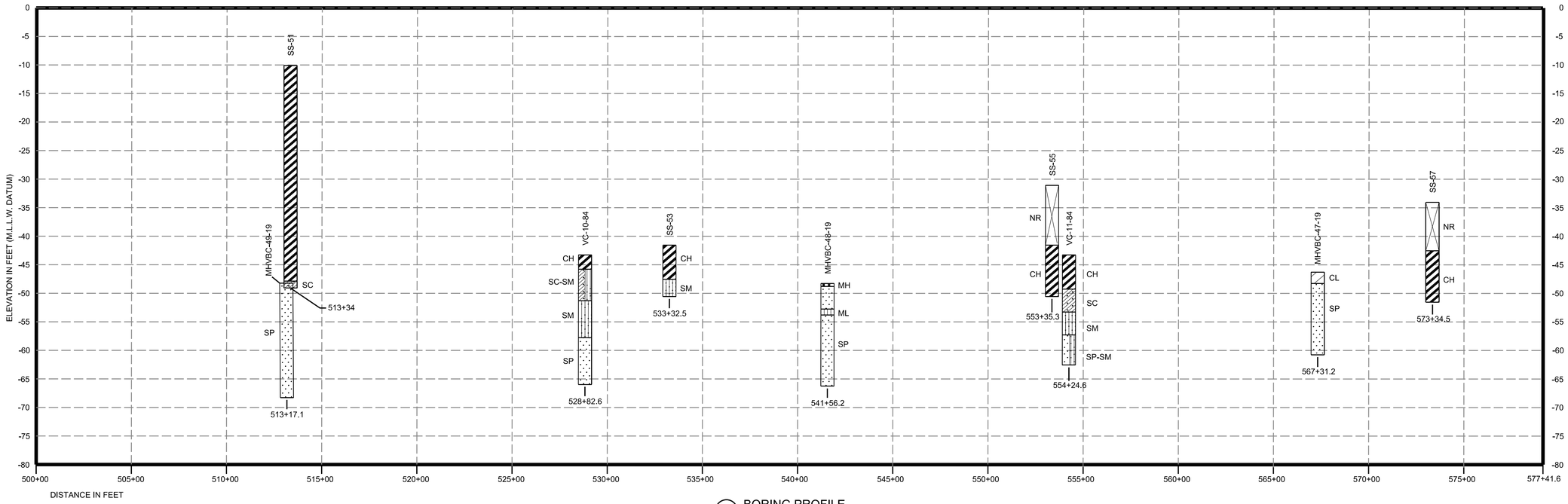
U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

DREDGE CROSS SECTIONS

SHEET ID

CN320



D1 BORING PROFILE
HORIZONTAL SCALE: 1" = 300'
VERTICAL SCALE: 1" = 10'

LEGEND

- NR - NO RECOVERY OF SAMPLE AT THIS DEPTH
- SM - SILTY SANDS, SAND SILT MIXTURE
- SC - CLAYEY SANDS, CLAY + SAND MIXTURE
- SC-SM - SILTY CLAYEY SANDS
- ML - INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
- CL-ML - SILTY CLAYS, SILT CLAY MIXTURES
- CL - INORGANIC CLAYS WITH LOW TO MEDIUM PLASTICITY, GRAVELY CLAYS, SILTY CLAYS, LEAN CLAYS
- CH - INORGANIC CLAYS WITH HIGH PLASTICITY, FAT CLAYS
- MH - INORGANIC SILT, MICACEOUS OR DIATOMACEOUS FINE SANDS OR SILTY SOILS, PLASTIC SILTS
- SP - POORLY GRADED SANDS
- PT - PEAT
- OL - CLAY - LOW PLASTICITY ORGANIC CLAY
- SP-SM - POORLY GRADED SANDS, SILTY SANDS, SAND SILT MIXTURE
- OH - HIGH PLASTICITY ORGANIC CLAY

BORING TYPES (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)

HORIZONTAL SCALE: 1" = 300'
0 300' 600'

VERTICAL SCALE: 1" = 10'
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3. BORING LOCATIONS AND ELEVATIONS AS SHOWN ON THE BORING LOGS AND BORING PROFILES SHOULD BE CONSIDERED APPROXIMATE.
4. PHASE 4 WORK AREA EXTENDS FROM STATION 500+00 TO 950+00.
5. MHVBC- SERIES BORINGS WERE COMPLETED IN 2020, SS- SERIES BORINGS WERE COMPLETED IN 1936-1964, AND VC- SERIES BORINGS WERE COMPLETED IN 1982-1984.

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DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VICCONSIS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC2201
VLS-U SHEET FILE NAME: CHC2201-BR321.dgn

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
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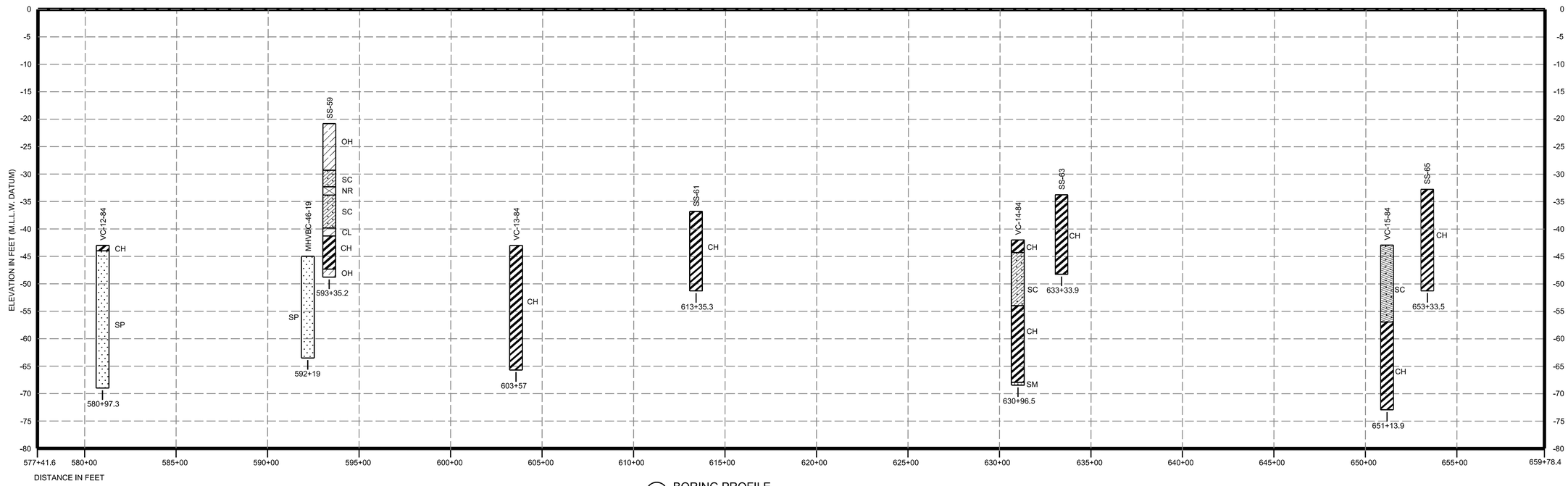
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

BORING PROFILE

SHEET ID
BR321



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VERTICAL SCALE: 1" = 10'

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- SC-SM - SILTY CLAYEY SANDS
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- CL-ML - SILTY CLAYS, SILT CLAY MIXTURES
- CL - INORGANIC CLAYS WITH LOW TO MEDIUM PLASTICITY, GRAVELY CLAYS, SILTY CLAYS, LEAN CLAYS
- CH - INORGANIC CLAYS WITH HIGH PLASTICITY, FAT CLAYS
- MH - INORGANIC SILT, MICACEOUS OR DIATOMACEOUS FINE SANDS OR SILTY SOILS, PLASTIC SILTS
- SP - POORLY GRADED SANDS
- PT - PEAT
- OL - CLAY - LOW PLASTICITY ORGANIC CLAY
- SP-SM - POORLY GRADED SANDS, SILTY SANDS, SAND SILT MIXTURE
- OH - HIGH PLASTICITY ORGANIC CLAY

BORING TYPES (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)

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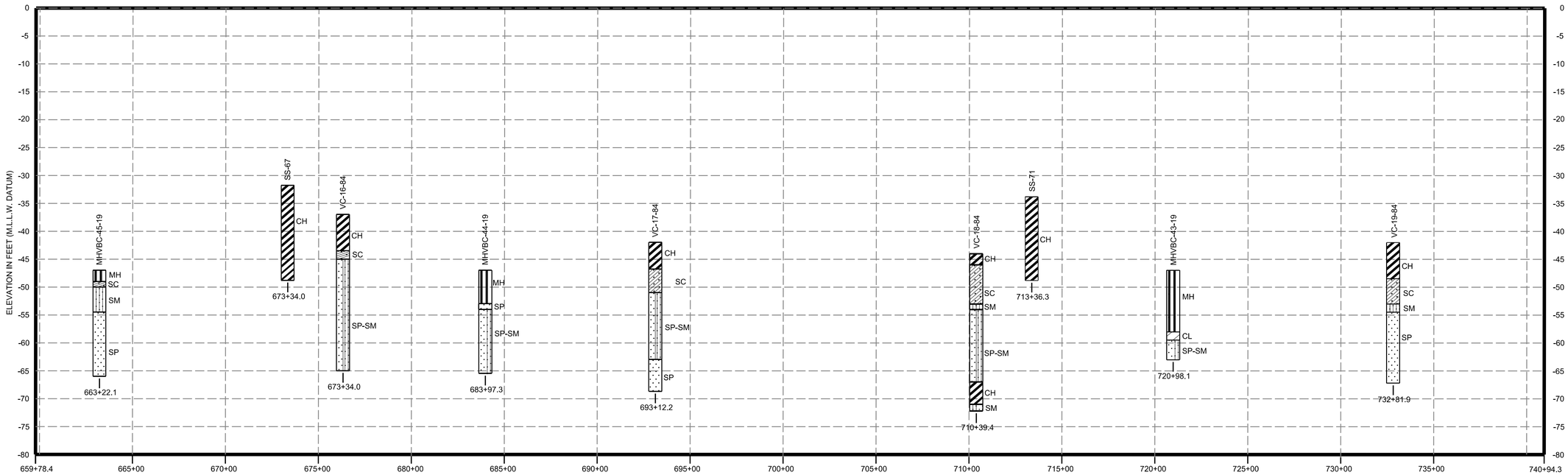
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
ISSUE SHEET FILE NAME: CHC2201-BR322.dgn

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

BORING PROFILE

SHEET ID
BR322



D1 BORING PROFILE
HORIZONTAL SCALE: 1" = 300'
VERTICAL SCALE: 1" = 10'

LEGEND

- SM - SILTY SANDS, SAND SILT MIXTURE
- SC - CLAYEY SANDS, CLAY + SAND MIXTURE
- SC-SM - SILTY CLAYEY SANDS
- ML - INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
- CL-ML - SILTY CLAYS, SILT CLAY MIXTURES
- CL - INORGANIC CLAYS WITH LOW TO MEDIUM PLASTICITY, GRAVELY CLAYS, SILTY CLAYS, LEAN CLAYS
- CH - INORGANIC CLAYS WITH HIGH PLASTICITY, FAT CLAYS
- MH - INORGANIC SILT, MICACEOUS OR DIATOMACEOUS FINE SANDS OR SILTY SOILS, PLASTIC SILTS
- SP - POORLY GRADED SANDS
- PT - PEAT
- OL - CLAY - LOW PLASTICITY ORGANIC CLAY
- SP-SM - POORLY GRADED SANDS, SILTY SANDS, SAND SILT MIXTURE
- OH - HIGH PLASTICITY ORGANIC CLAY

BORING TYPES (SS = SPT, MHVBC = VIBROCORE, MHSPT = SPT, VC= VIBROCORE)

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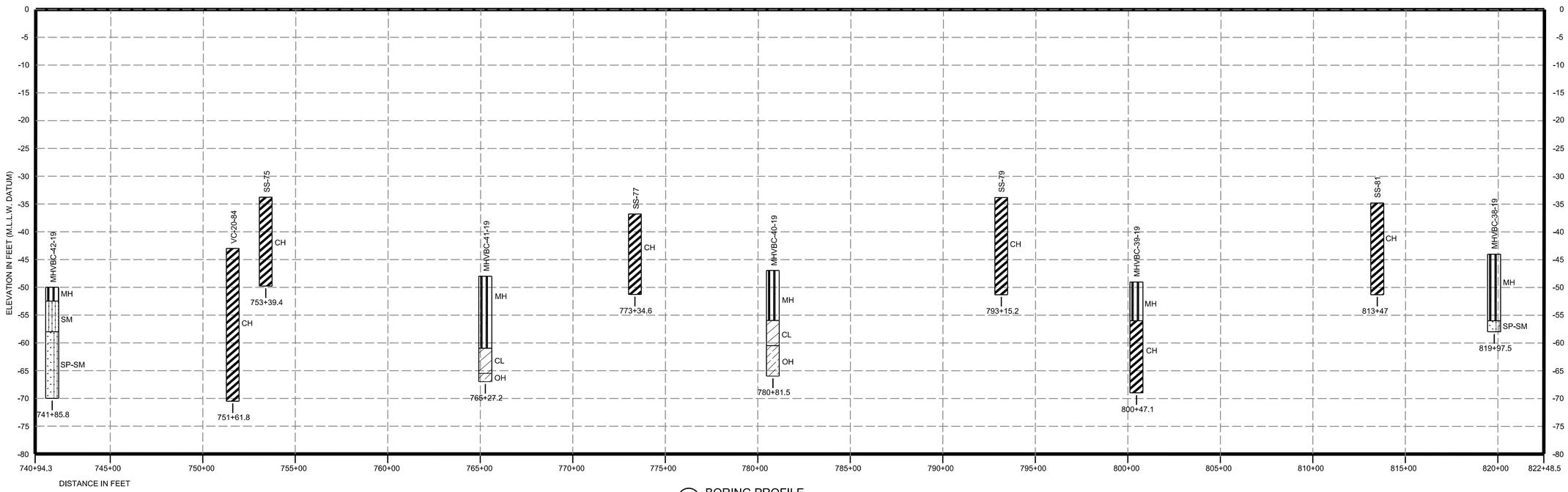
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VICCONS
SIZE: ANSI D
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: W(XXXXX-XX-X-XXX
CADD CODE: CHC22001
S.S.U SHEET FILE NAME: CHC2201-BR323.dgn

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

BORING PROFILE

SHEET ID
BR323



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LEGEND

- SM - SILTY SANDS, SAND SILT MIXTURE
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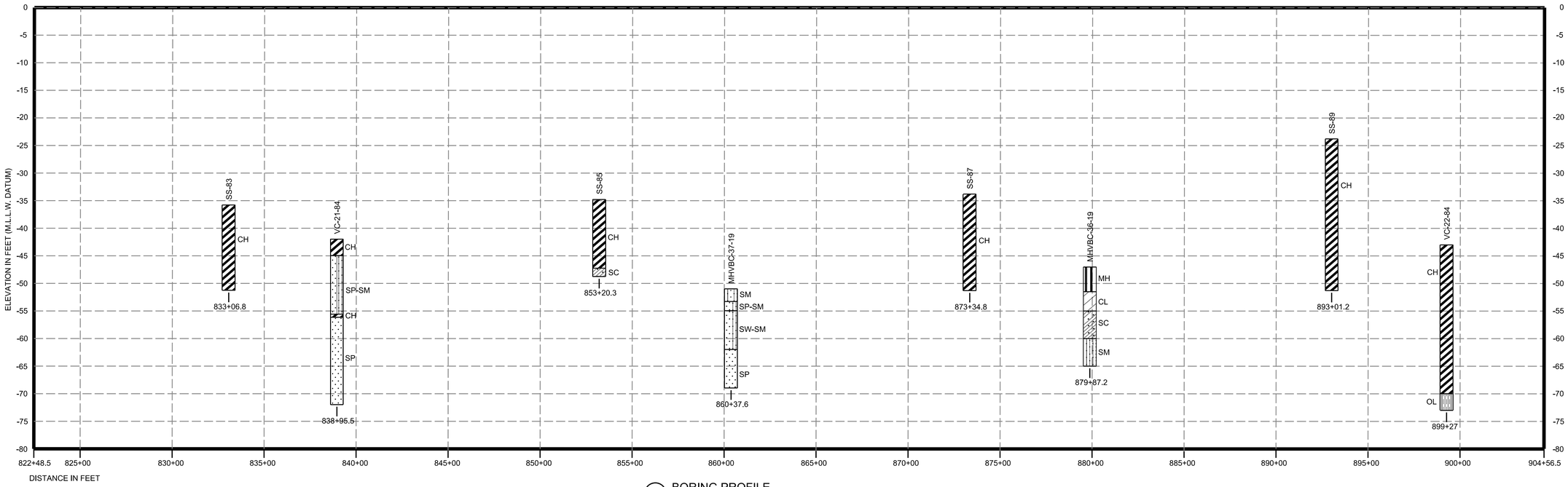
ISSUE DATE: JANUARY 2022
SOLICITATION NO.:
CONTRACT NO.: WXXXXX-XX-X-XXX
CADD CODE: CHC22001
DESIGNED BY: J. MCCONNELL
DRAWN BY: J. GIBSON
CHECKED BY: E. GODSEY
SUBMITTED BY: M. VIGGIANO
SIZE: ANSI D
FILE NAME: CHC22001-BR324.dgn

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

BORING PROFILE

SHEET ID
BR324



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SIZE: ANSI D
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CADD CODE: CHC22001
FILE NAME: CHC22001-BR325.dgn

U.S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST. JOSEPH STREET
MOBILE, AL 36602

MOBILE, AL
MOBILE HARBOR, ALABAMA
DEEPENING AND WIDENING:
PHASE 4

BORING PROFILE

SHEET ID
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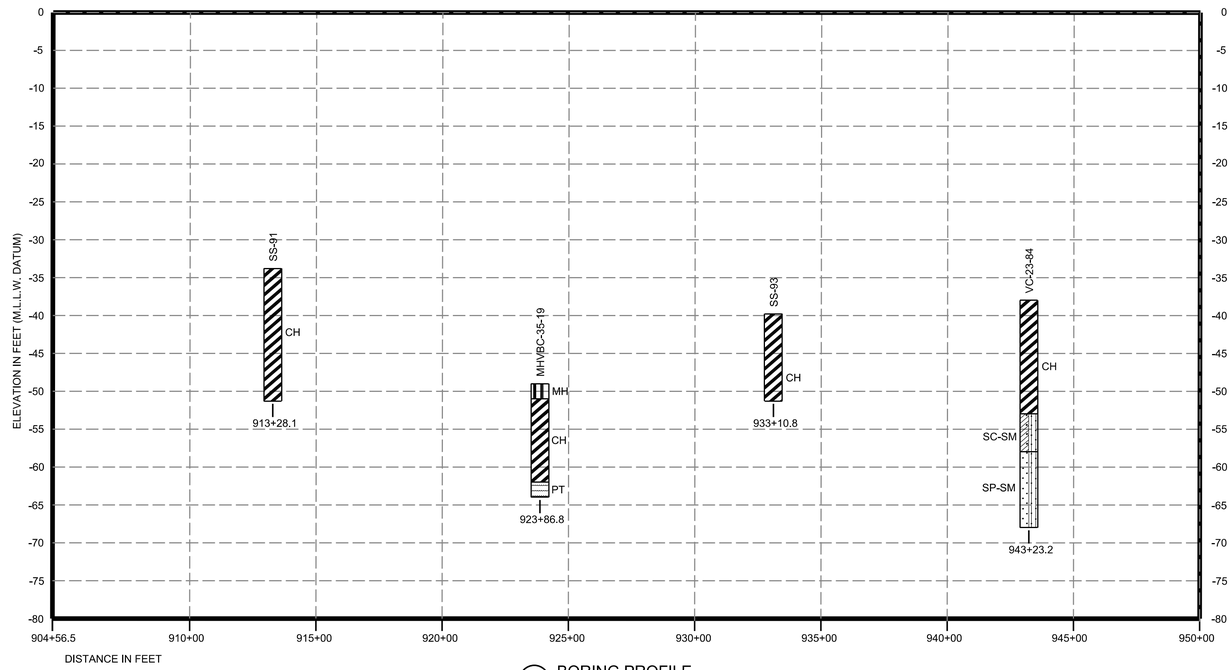

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PHASE 4

BORING PROFILE

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