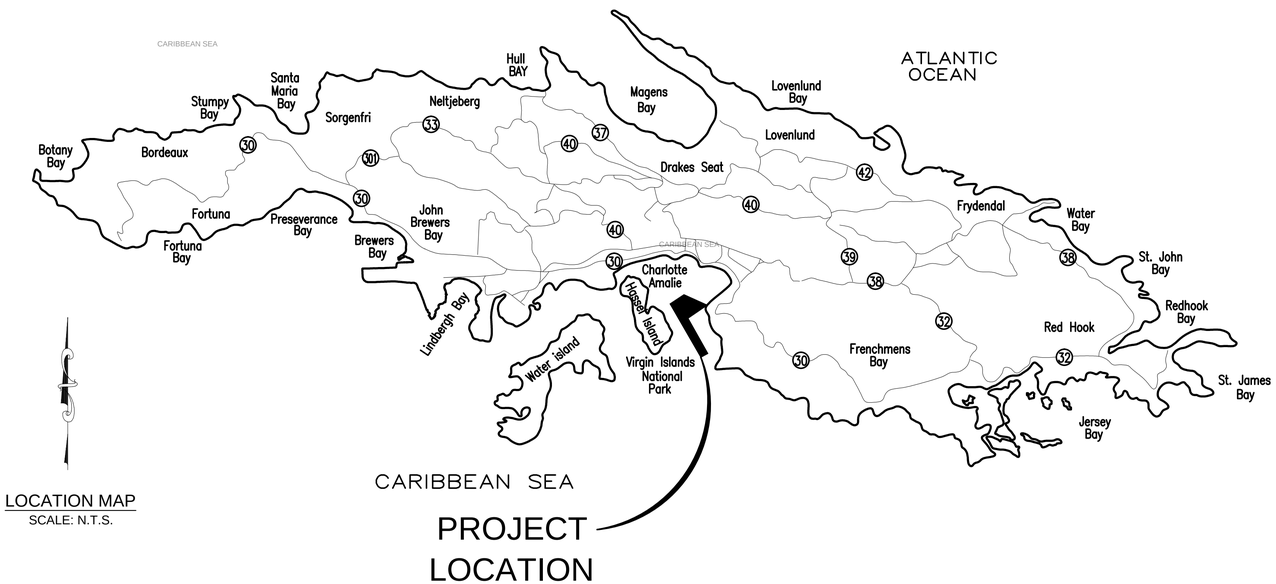
WICO CHANNEL DREDGING PROJECT
CHARLOTTE AMALIE, ST. THOMAS, U.S.V.I.



LOCATION MAP
SCALE: N.T.S.

INDEX OF SHEETS

DRAWING NO.	SHEET NO.	DRAWING DESCRIPTION
C-1.0	1 OF 20	COVER, LOCATION MAP AND INDEX OF SHEETS
C-2.0	2 OF 20	DREDGE PLAN
C-3.0	3 OF 20	EROSION CONTROL DETAILS
C-4.0	4 OF 20	DREDGE CROSS SECTIONS
C-5.0	5 OF 20	DREDGE CROSS SECTIONS
C-6.0	6 OF 20	DREDGE CROSS SECTIONS
C-7.0	7 OF 20	DREDGE CROSS SECTIONS
C-8.0	8 OF 20	DREDGE CROSS SECTIONS
C-9.0	9 OF 20	DREDGE CROSS SECTIONS
C-10.0	10 OF 20	DREDGE CROSS SECTIONS
C-11.0	11 OF 20	DREDGE CROSS SECTIONS
C-12.0	12 OF 20	DREDGE CROSS SECTIONS
C-13.0	13 OF 20	DREDGE CROSS SECTIONS
C-14.0	14 OF 20	DREDGE CROSS SECTIONS
C-15.0	15 OF 20	DREDGE CROSS SECTIONS
C-16.0	16 OF 20	DREDGE CROSS SECTIONS
C-17.0	17 OF 20	DREDGE CROSS SECTIONS
C-18.0	18 OF 20	DREDGE CROSS SECTIONS
C-19.0	19 OF 20	DREDGE CROSS SECTIONS
C-20.0	20 OF 20	DREDGE CROSS SECTIONS

UNITED STATES VIRGIN ISLANDS PORT AUTHORITY
ENGINEERING DEPARTMENT - ST. CROIX DIVISION

JUNE 2018

DAVID MAPP
VIPA EXECUTIVE DIRECTOR

DAMIAN CARTWRIGHT
VIPA ASSITANT EXECUTIVE DIRECTOR

DAMIAN CARTWRIGHT
VIPA DIRECTOR OF ENGINEERING

APPROVED BY: _____
DAMIAN CARTWRIGHT, P.E.

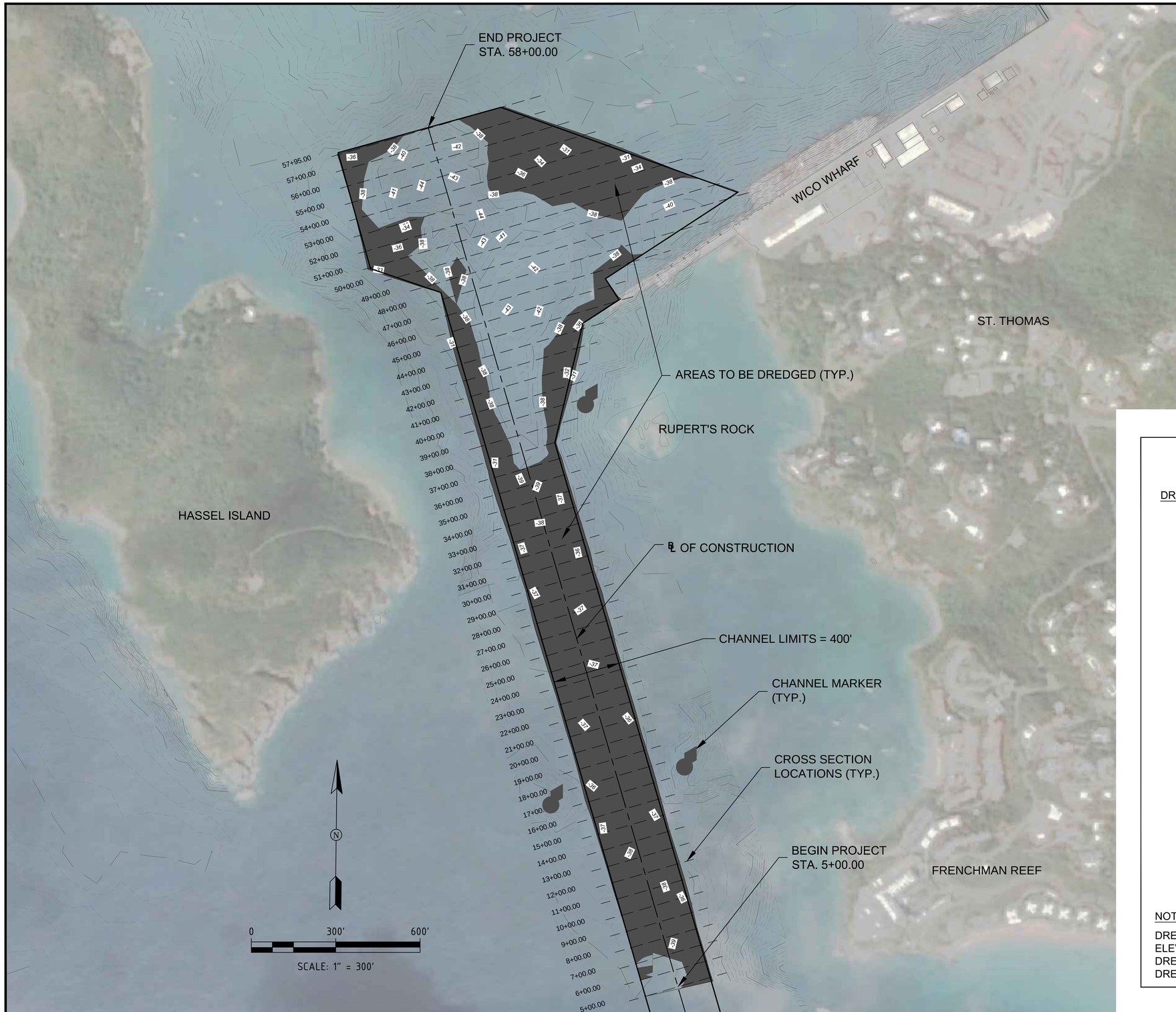
REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
COVER SHEET

Drawn DC
Checked DC
Appr. D.C.
Date 05-23-18
Proj. No.

Drawing No.
C-1.0



ABBREVIATIONS

BL,℄	BASELINE
BP	BEGIN PROJECT
CY	CUBIC YARD
ELEV.	ELEVATION
EP	END PROJECT
HORIZ.	HORIZONTAL
MLLW	MEAN LOWER LOW WATER
N.T.S.	NOT TO SCALE
PC	POINT OF CURVATURE
SF	SQUARE FEET
STA.	STATION
TYP.	TYPICAL
VERT.	VERTICAL

DREDGE MATERIAL

DRAWING NO.	DREDGE MATERIAL TOTAL AREA (SF)	DREDGE MATERIAL TOTAL AREA (CY)
C4.0	1,090	3,011
C5.0	2,933	9,724
C6.0	4,343	15,697
C7.0	5,525	20,154
C8.0	5,488	19,986
C9.0	5,983	22,134
C10.0	4,796	18,460
C11.0	4,866	17,809
C12.0	3,670	14,251
C13.0	4,191	15,827
C14.0	1,693	7,598
C15.0	2,155	5,343
C16.0	4,397	8,141
C17.0	6,595	12,213
C18.0	6,274	25,028
C19.0	4,216	7,808
C20.0	2,721	9,930
	70,936 SF	232,195 CY

TOTAL PROJECT DREDGE MATERIAL

NOTE:

DREDGING OF WICO ENTRANCE CHANNEL
ELEVATION BASED ON MLLW
DREDGE TO ELEV. = -40.00 (CHANNEL), -38.00 (TURNING BASIN)
DREDGE VOLUME = 232,195 CY

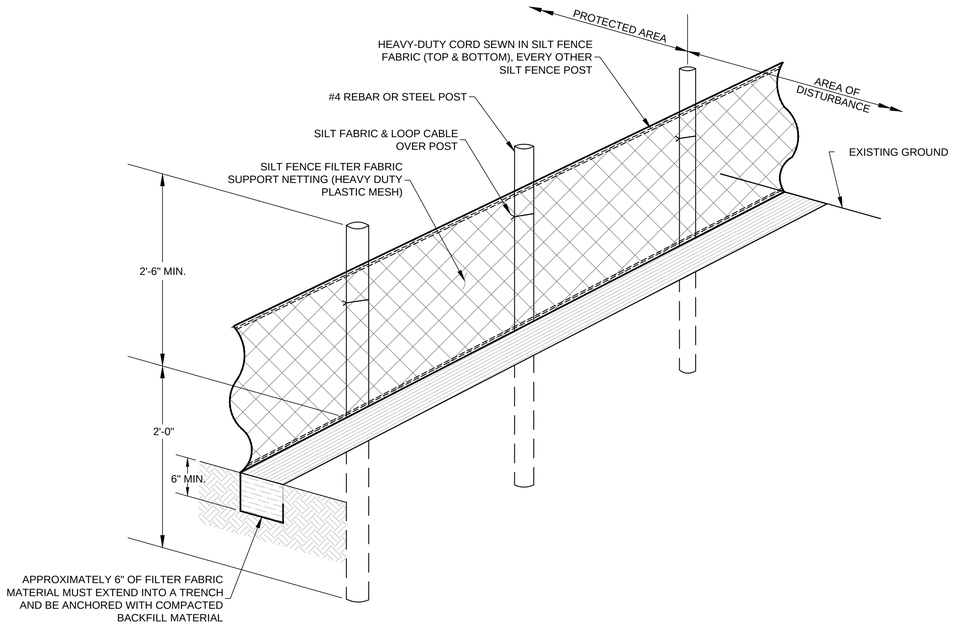
REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
DREDGE PLAN

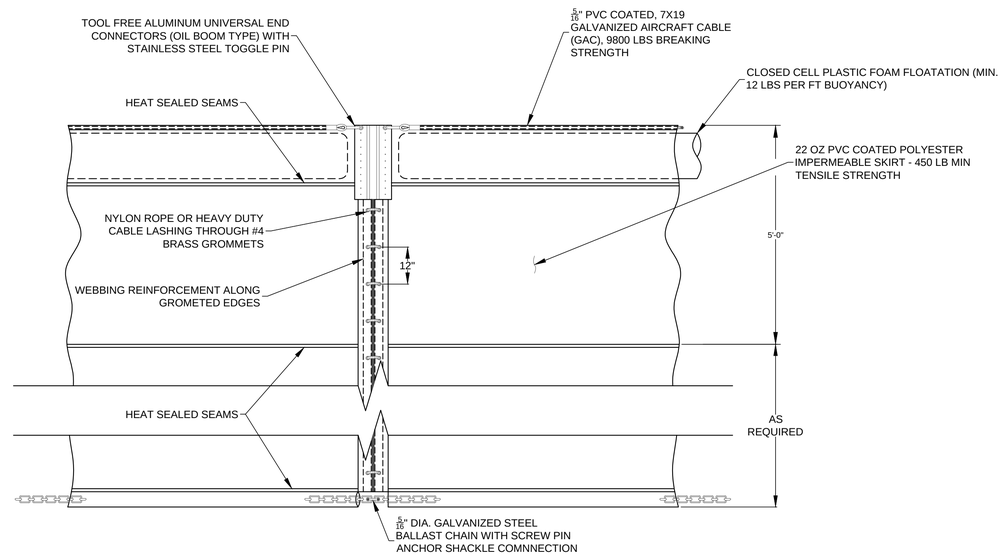
Drawn DC
Checked DC
Appr. D.C.
Date 05-23-18
Proj. No.

Drawing No.
C-2.0



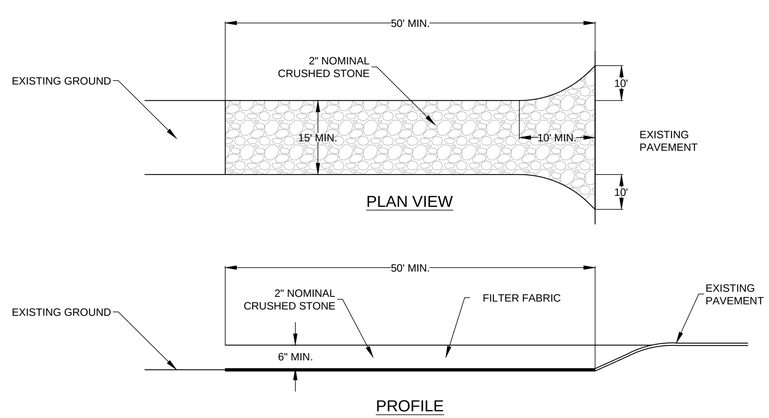
SILT FENCE DETAIL

SCALE: N.T.S.



TURBIDITY CURTAIN

SCALE: N.T.S.



STABILIZED CONSTRUCTION ENTRANCE

SCALE: N.T.S.

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

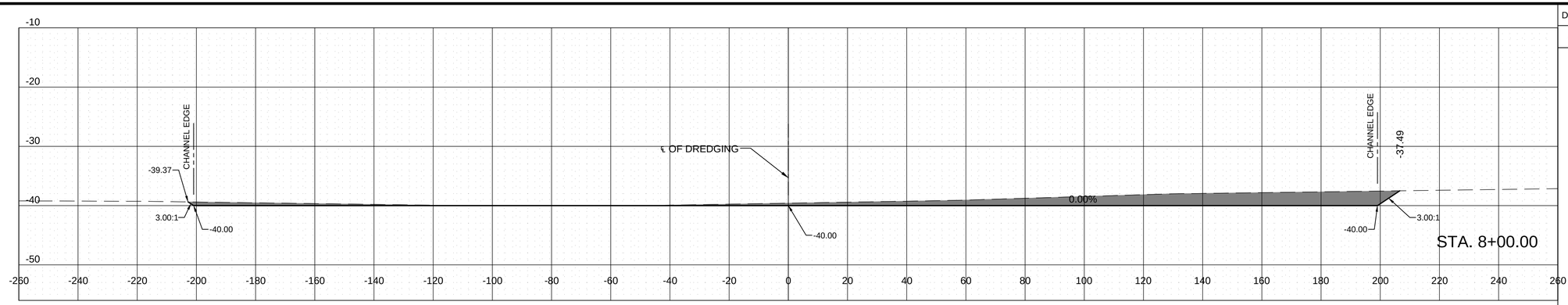
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

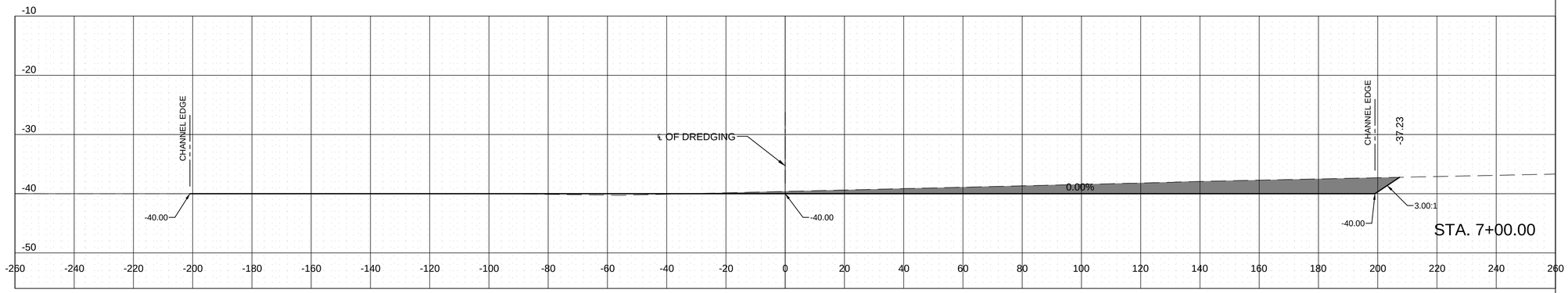
Drawing Description
EROSION CONTROL DETAILS

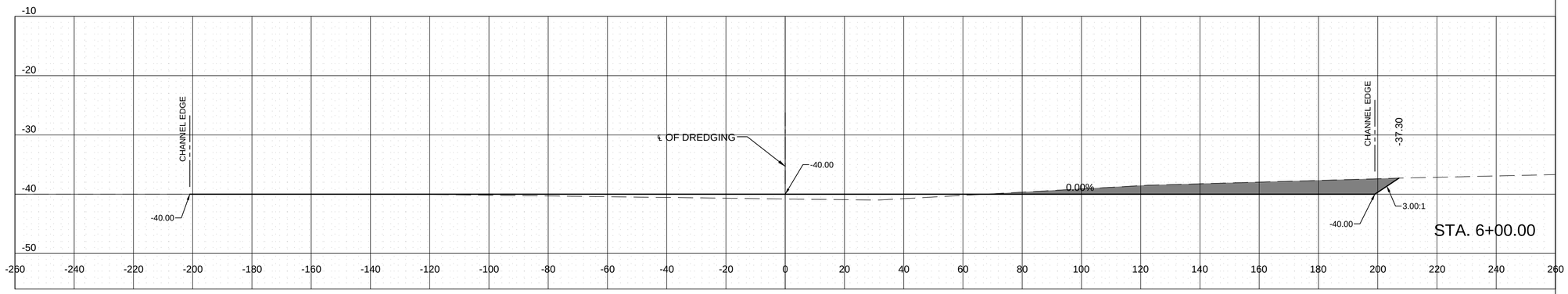
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

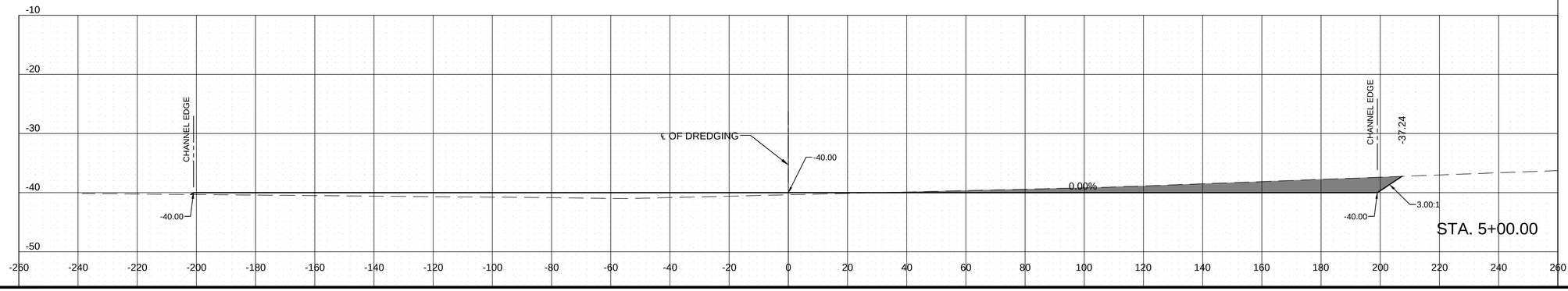
Drawing No.

C-3.0









DREDGE MATERIAL	
A (SF)	V (CY)
346	1248
328	993
209	770
207	

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

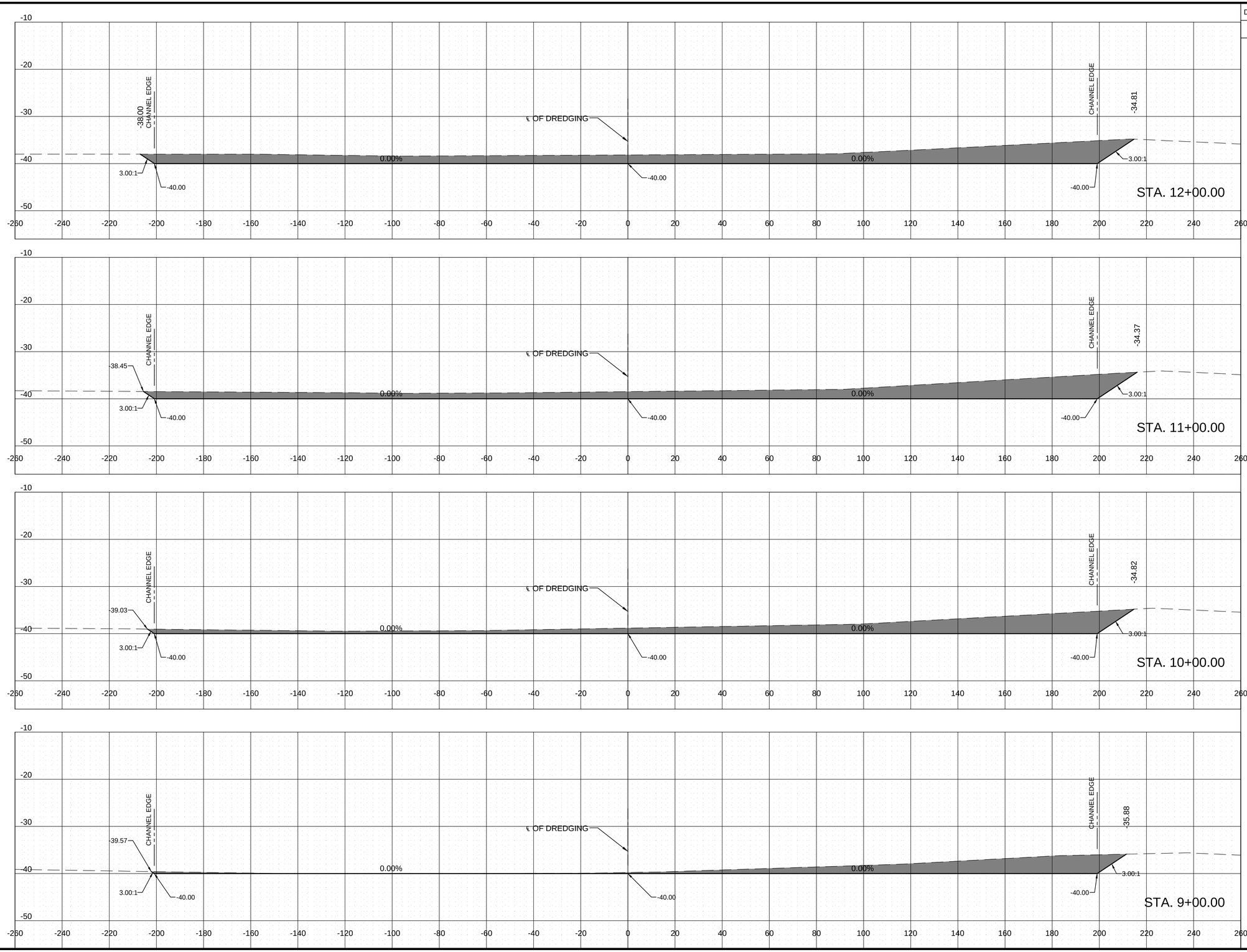
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
CROSS SECTIONS

Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

Drawing No.

C-4.0



DREDGE MATERIAL	
A (SF)	V (CY)
962	3378
862	2866
685	2054
424	1426

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

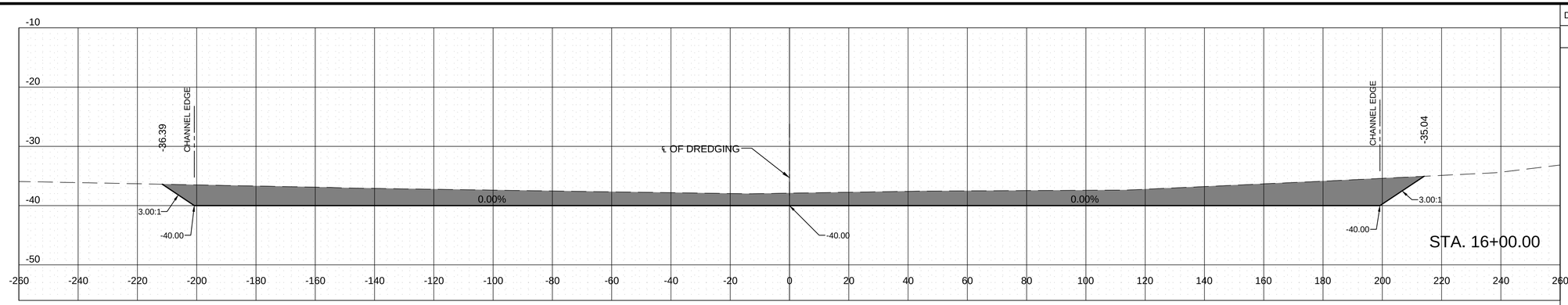
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

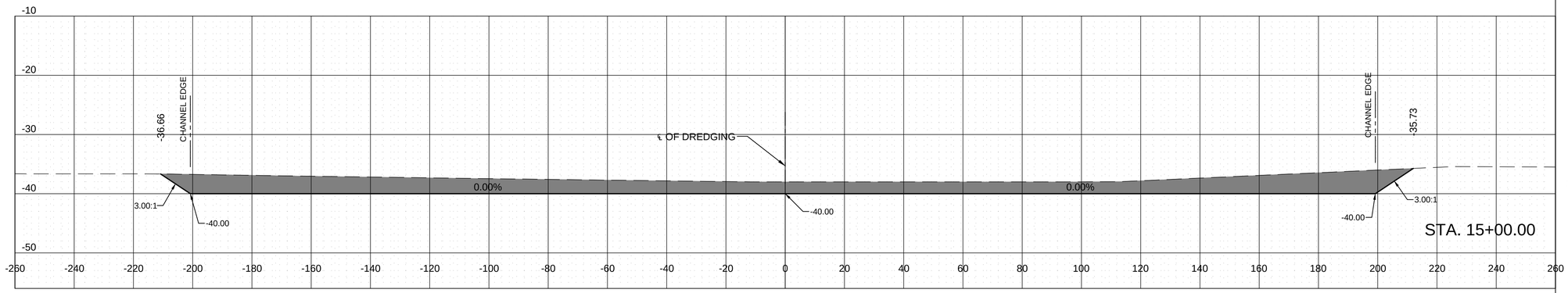
Drawing Description
CROSS SECTIONS

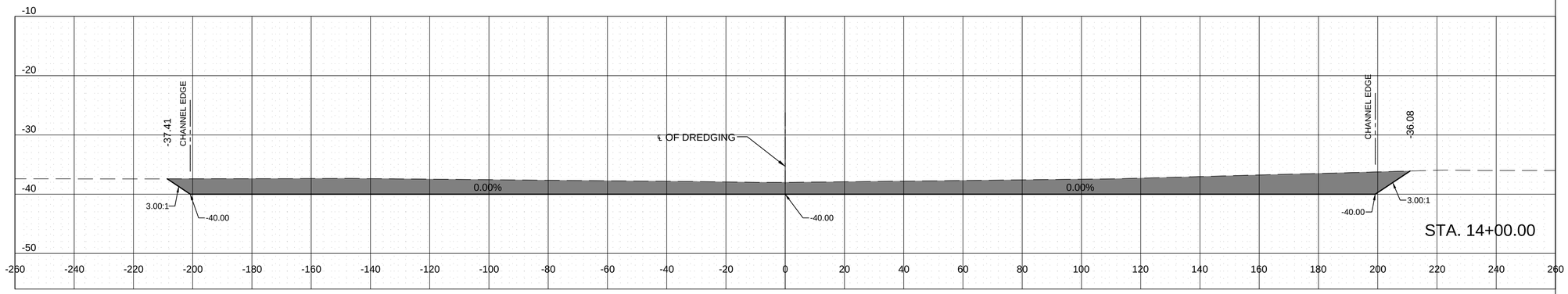
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

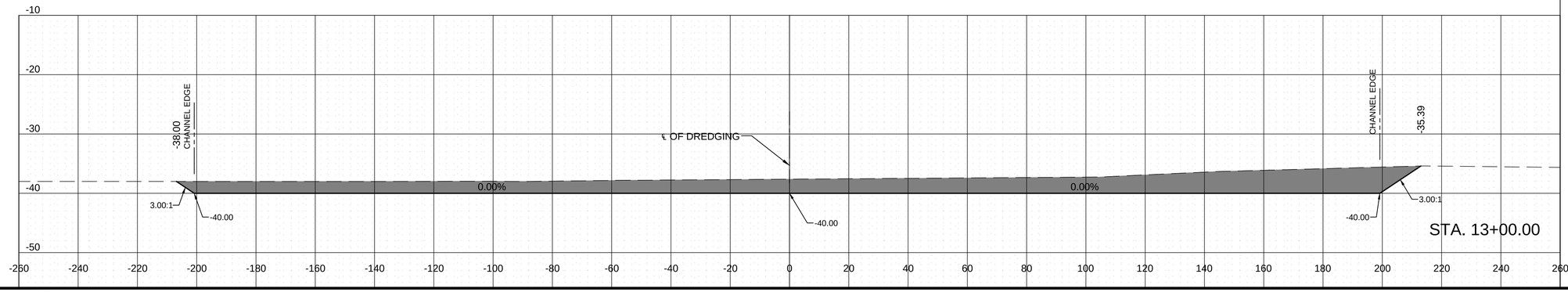
Drawing No.

C-5.0









DREDGE MATERIAL	
A (SF)	V (CY)
1171	4100
1043	3874
1049	3942
1080	3781

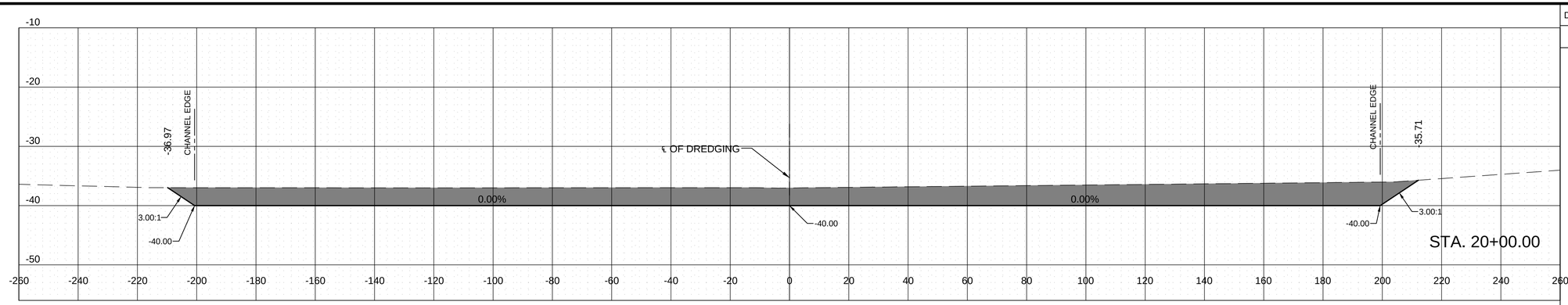
REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

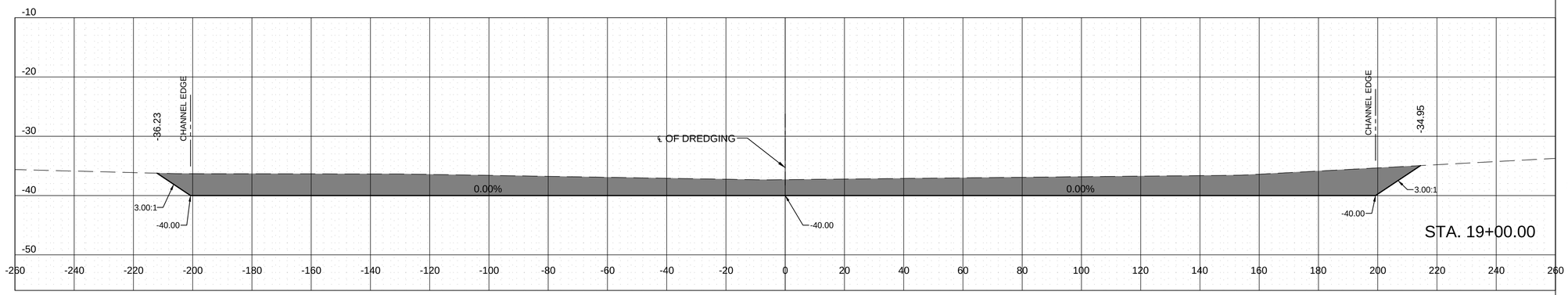
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

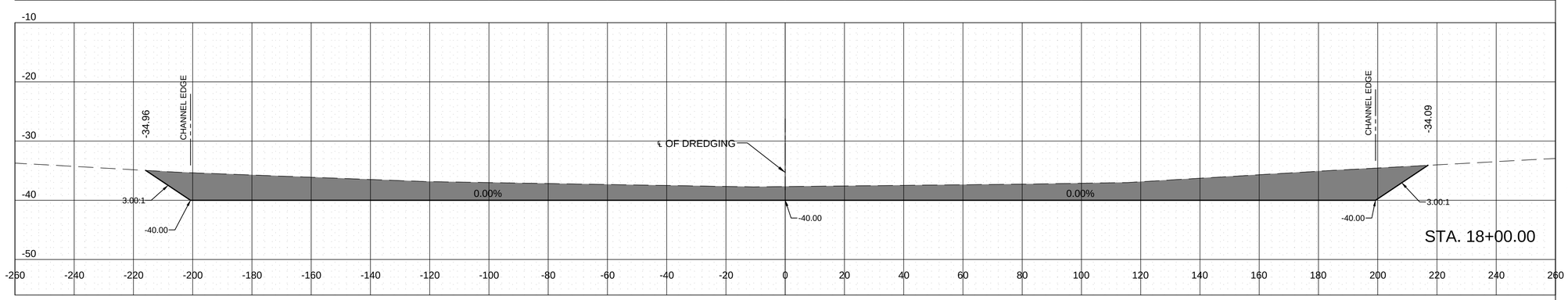
Drawing Description
CROSS SECTIONS

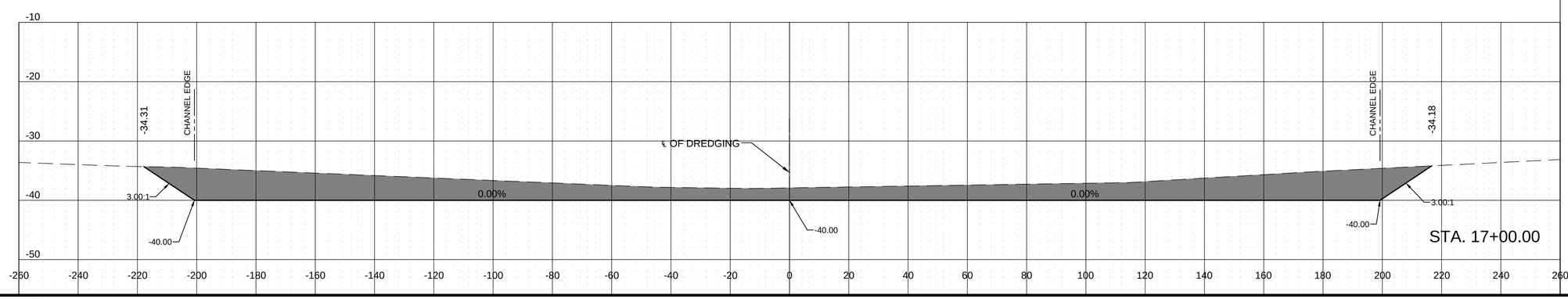
Drawn DC
Checked DC
Appr. D.C.
Date 05-23-18
Proj. No.

Drawing No.
C-6.0









DREDGE MATERIAL	
A (SF)	V (CY)
1338	5024
1375	5094
1376	5208
1436	4828

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

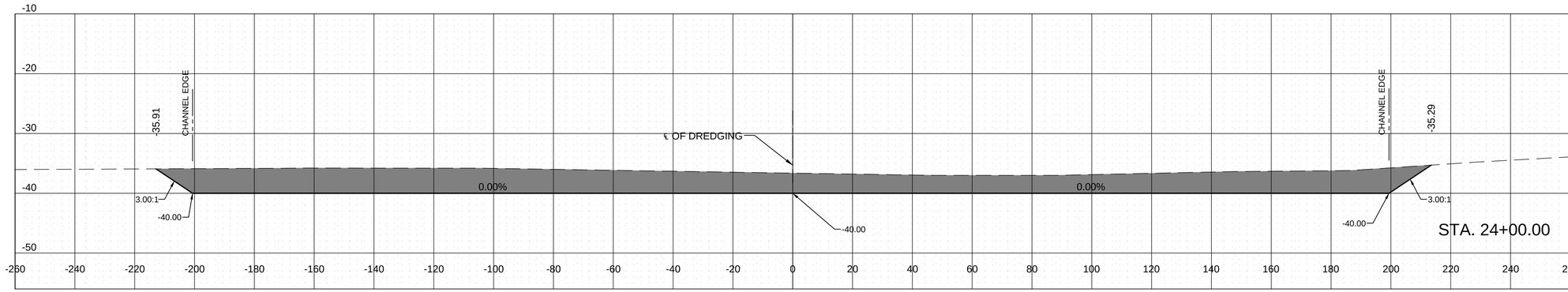
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

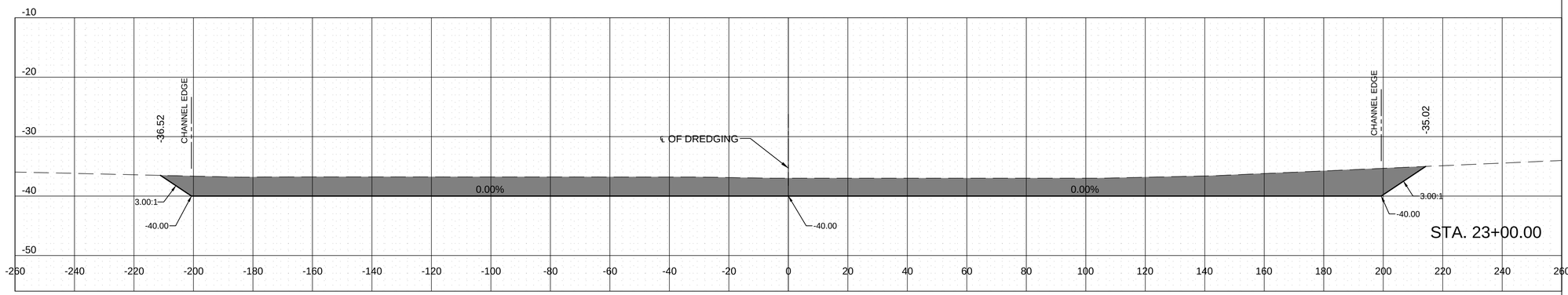
Drawing Description
CROSS SECTIONS

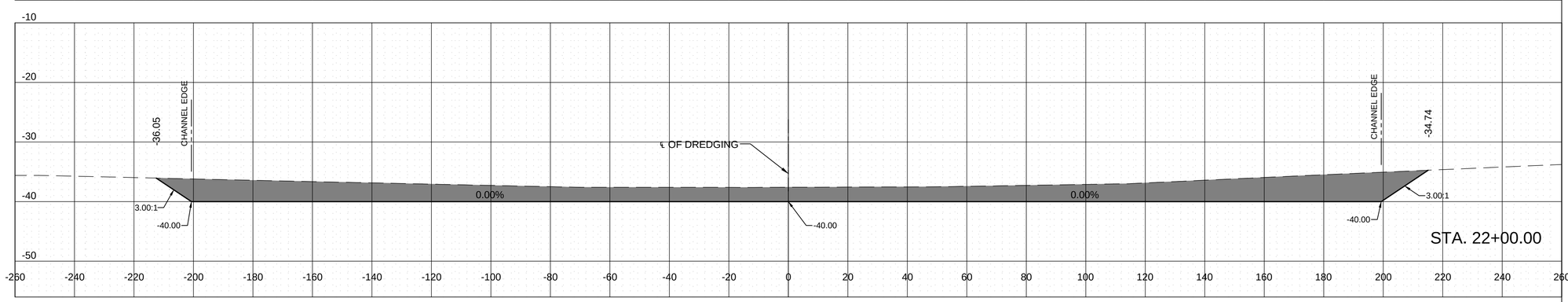
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

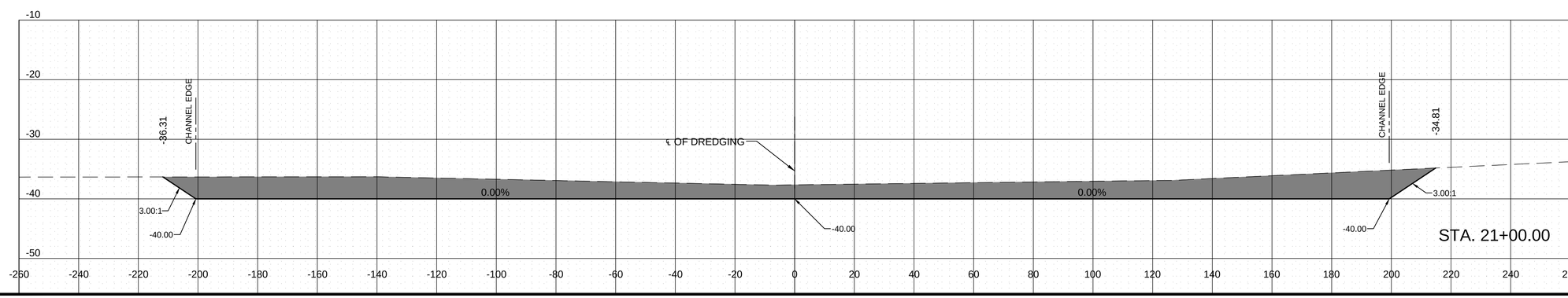
Drawing No.

C-7.0









DREDGE MATERIAL	
A (SF)	V (CY)
1522	5334
1358	4869
1271	4829
1337	4954

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

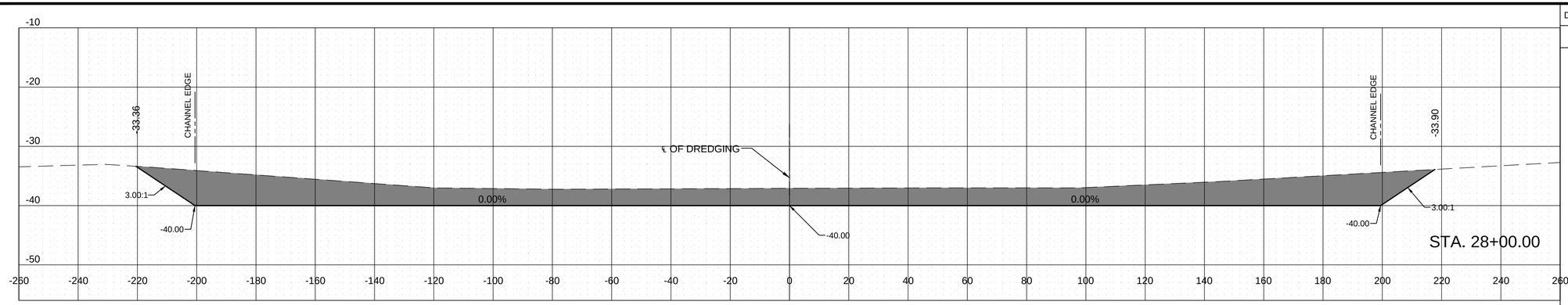
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

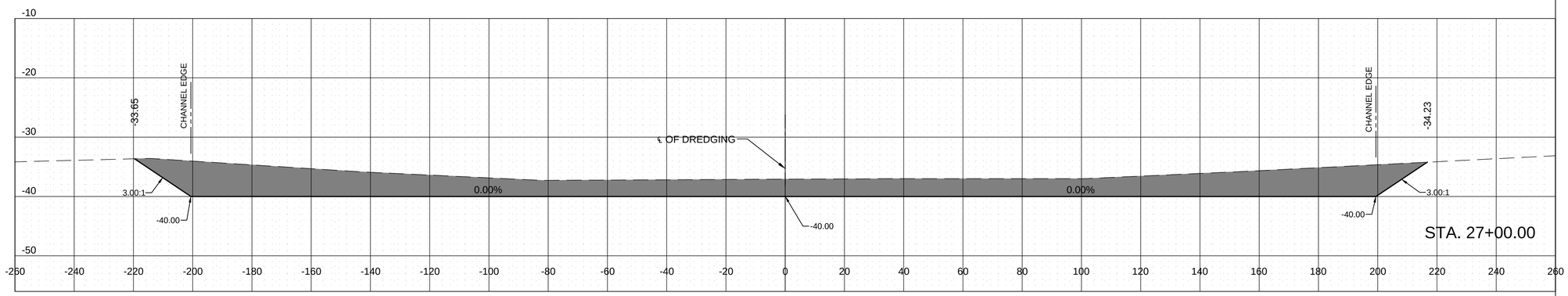
Drawing Description
CROSS SECTIONS

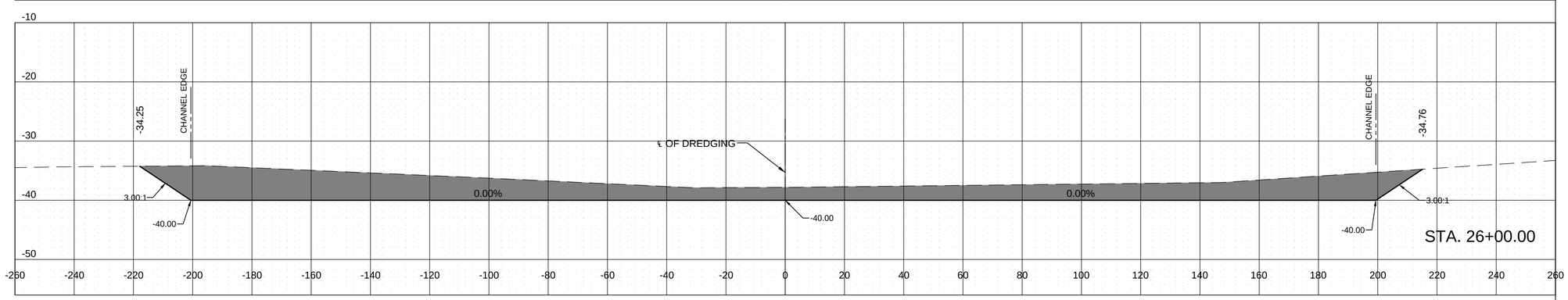
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

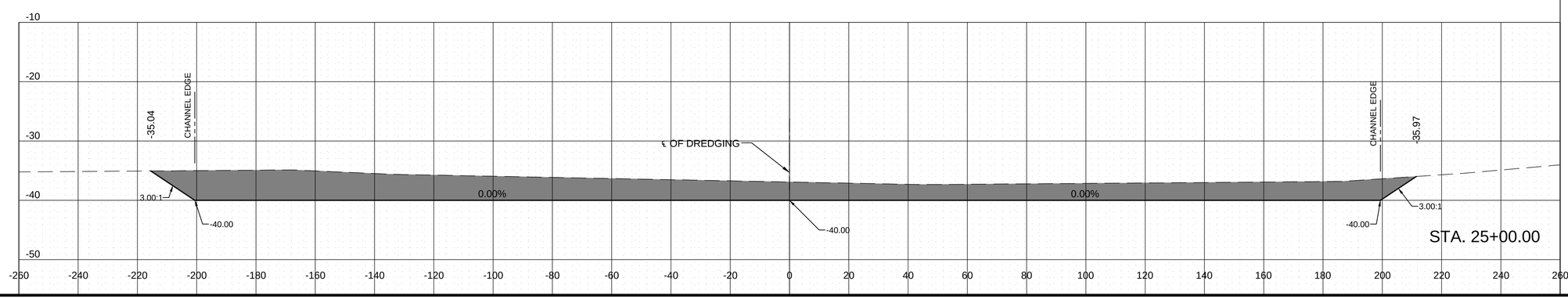
Drawing No.

C-8.0









DREDGE MATERIAL	
A (SF)	V (CY)
1535	5703
1545	5502
1426	5376
1477	5553

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

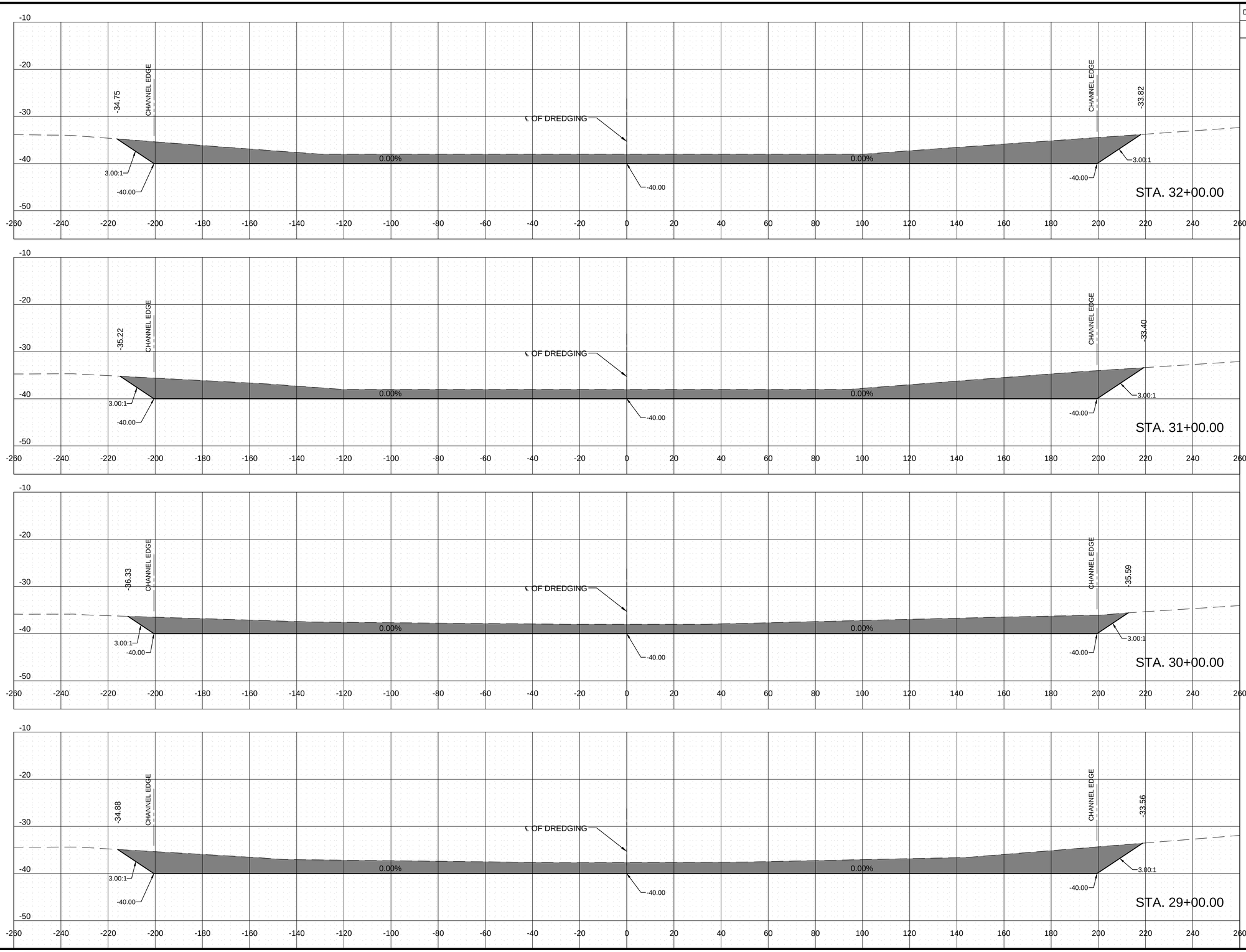
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
CROSS SECTIONS

Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

Drawing No.

C-9.0



DREDGE MATERIAL	
A (SF)	V (CY)
1157	4376
1206	4274
1102	4504
1331	5306

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

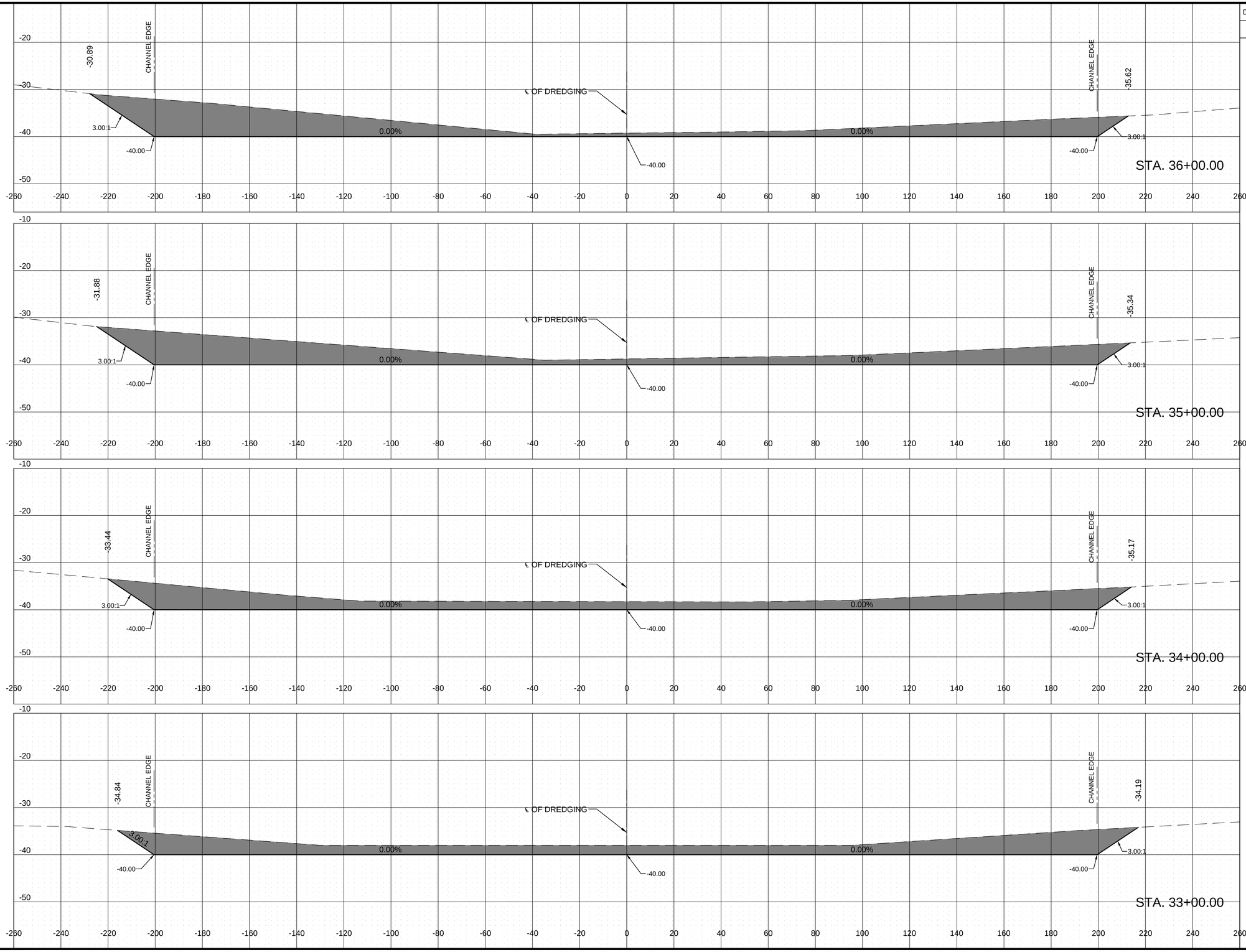
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
CROSS SECTIONS

Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

Drawing No.

C-10.0



DREDGE MATERIAL	
A (SF)	V (CY)
1272	4807
1324	4527
1121	4204
1149	4271

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

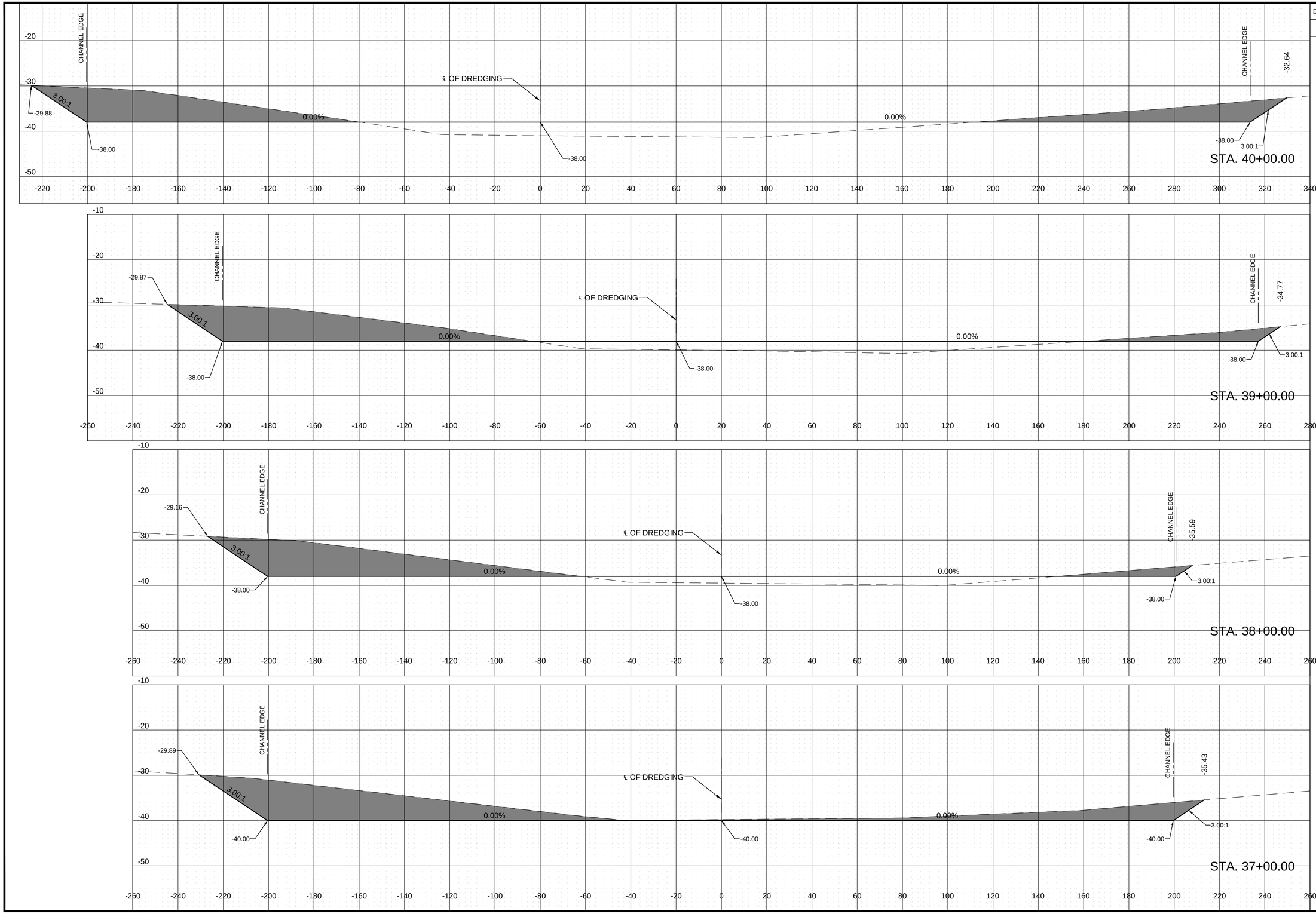
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
CROSS SECTIONS

Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

Drawing No.

C-11.0



DREDGE MATERIAL	
A (SF)	V (CY)
917	3245
835	2977
772	3552
1146	4477

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

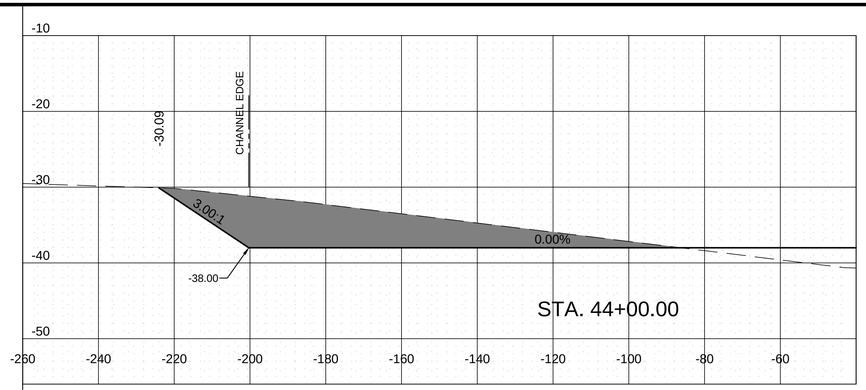
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

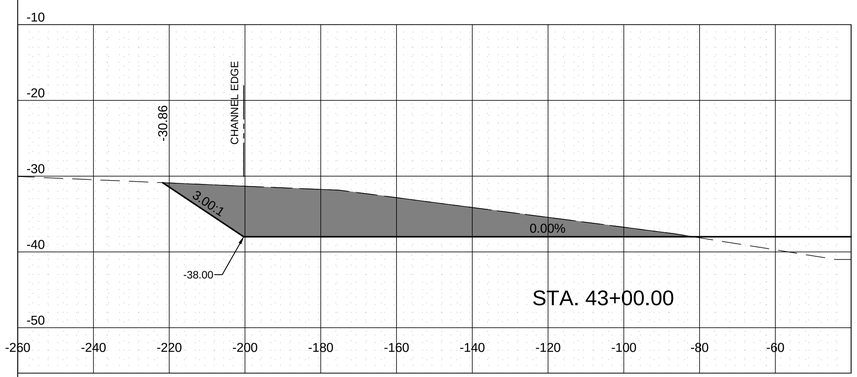
Drawing Description
CROSS SECTIONS

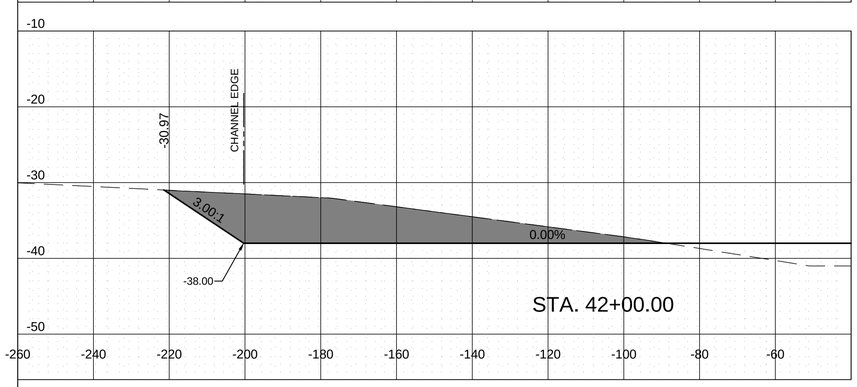
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

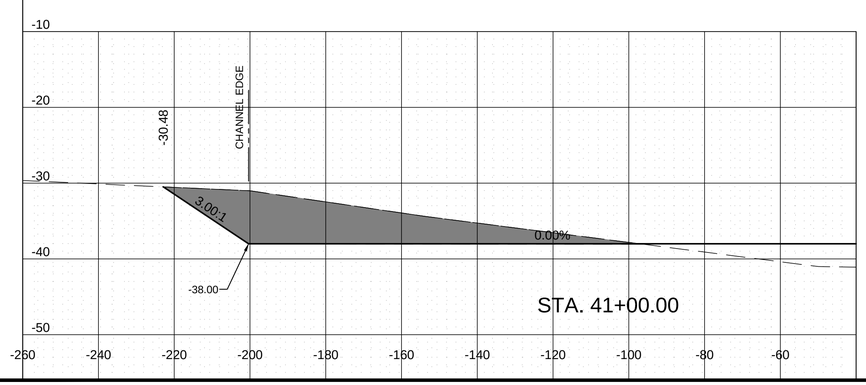
Drawing No.

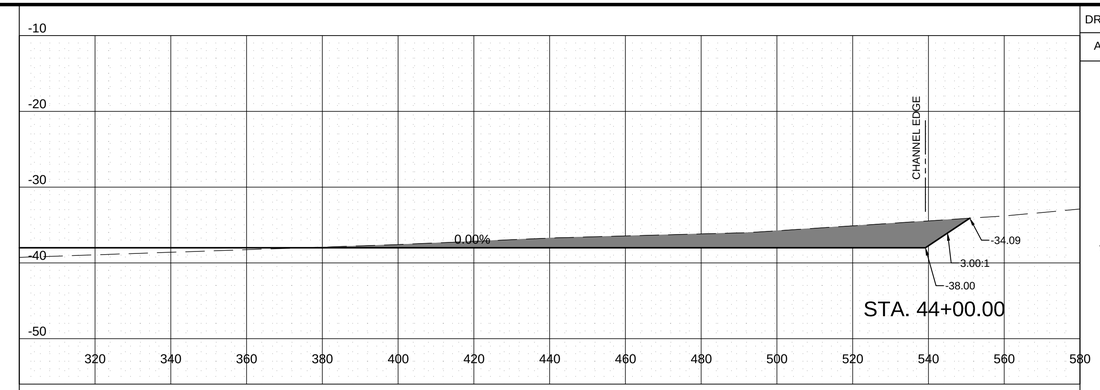
C-12.0

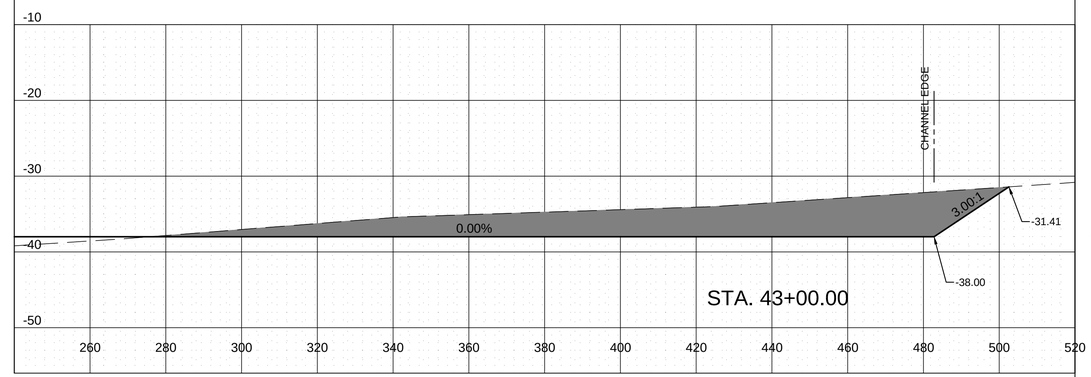


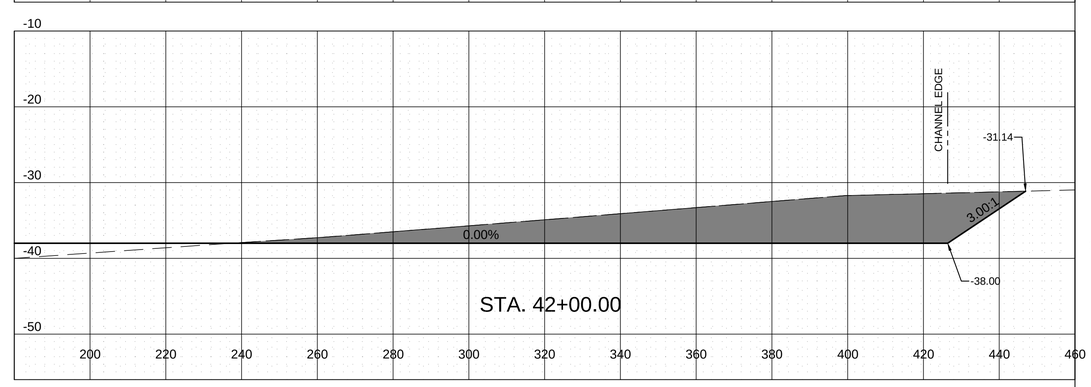


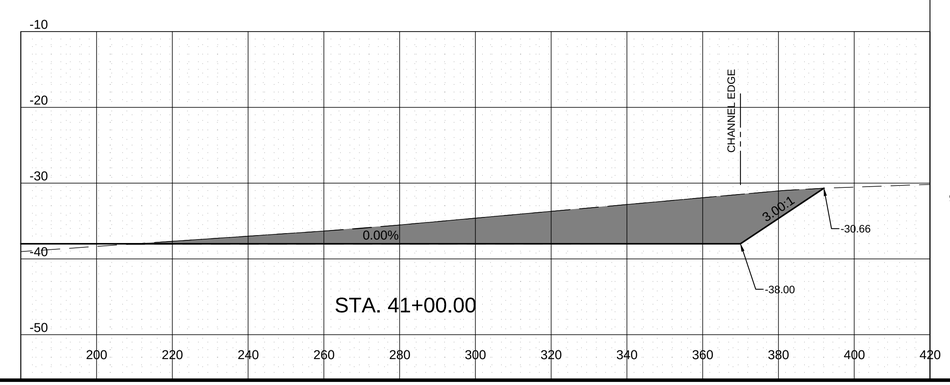












DREDGE MATERIAL	
A (SF)	V (CY)
753	
	3671
1229	
	4528
1216	
	4091
993	
	3537

ISSUE DESCRIPTION

REV.	NO.	DATE(mmddyy)

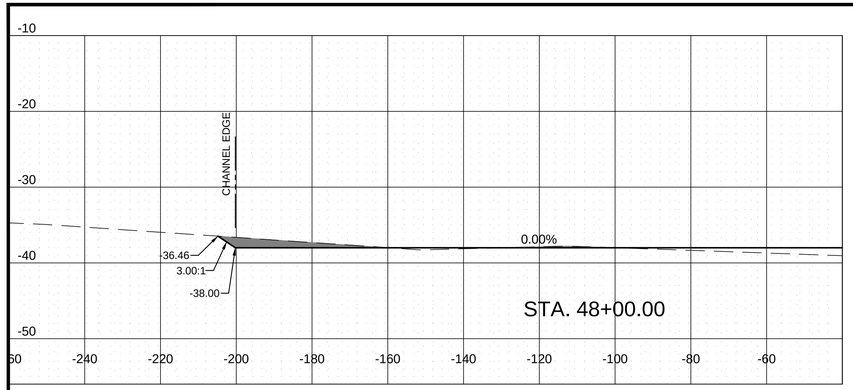
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

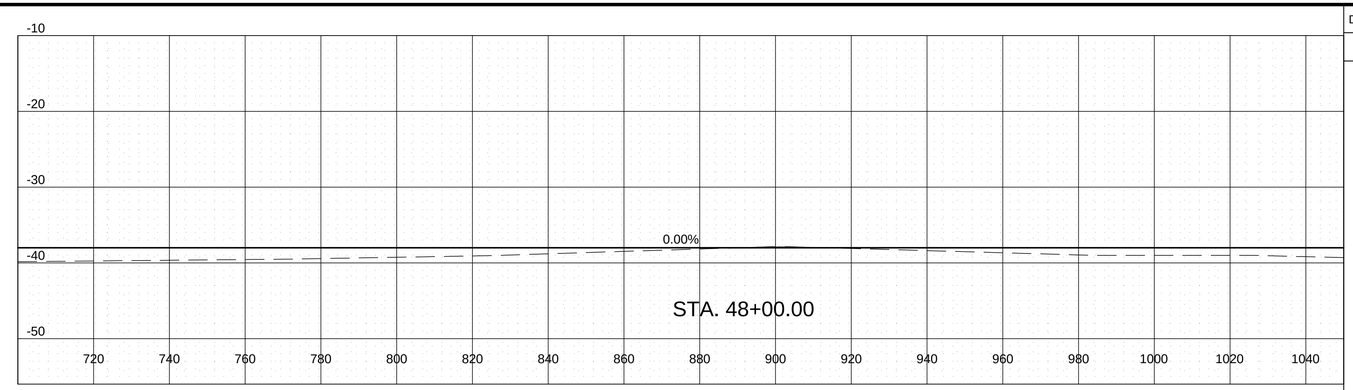
Drawing Description
CROSS SECTIONS

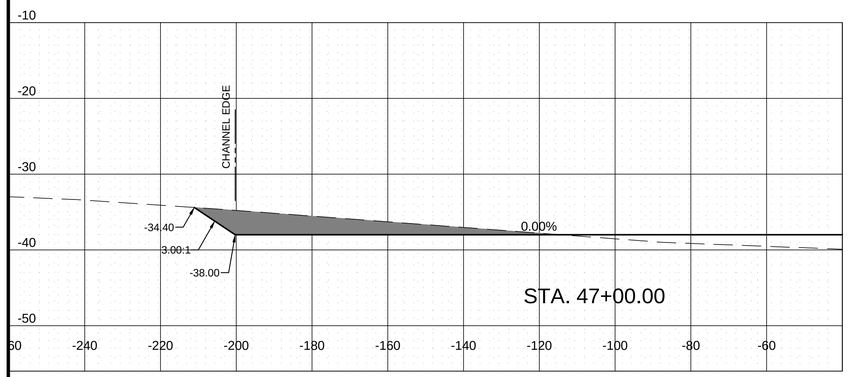
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

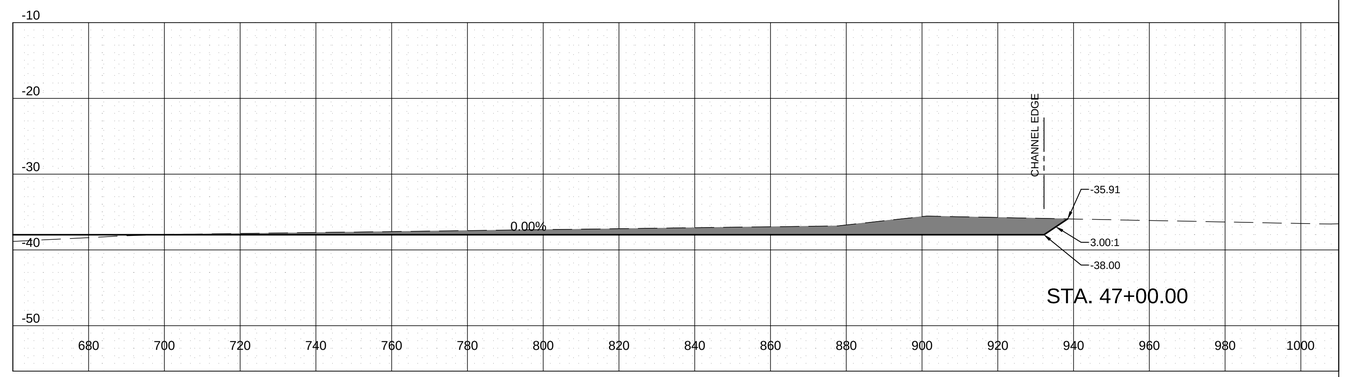
Drawing No.

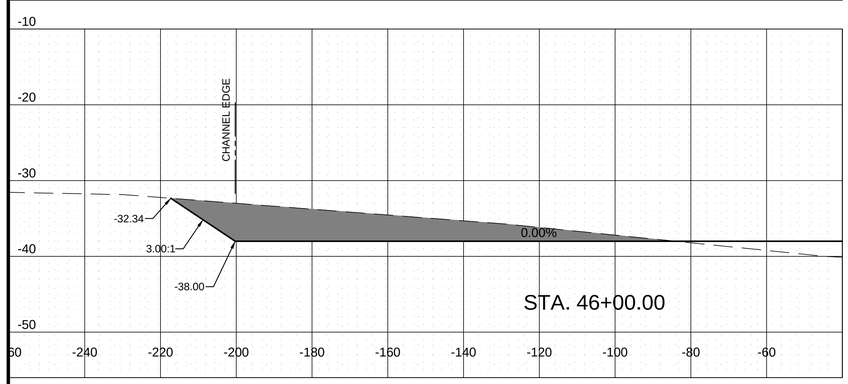
C-13.0

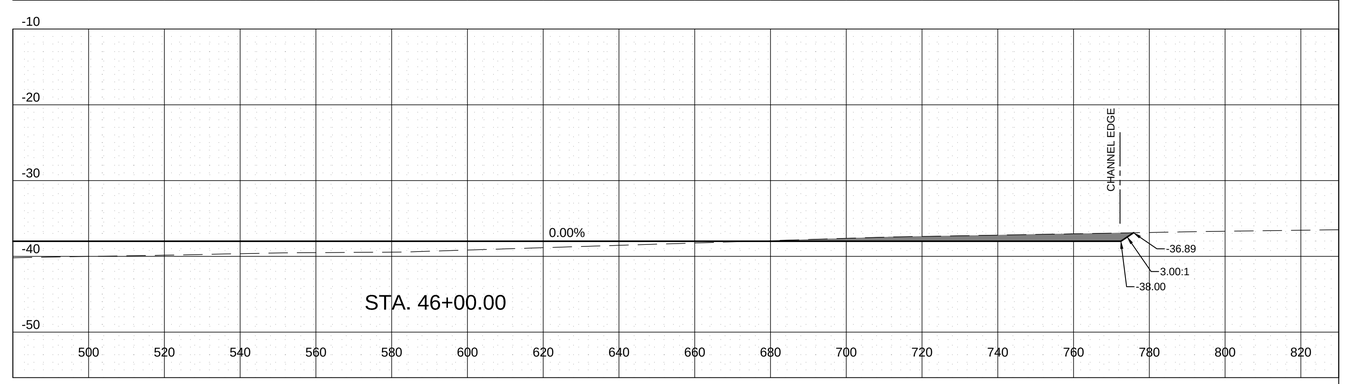


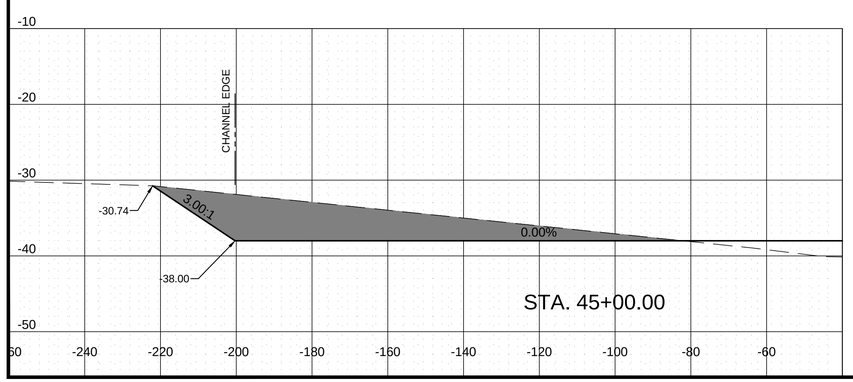


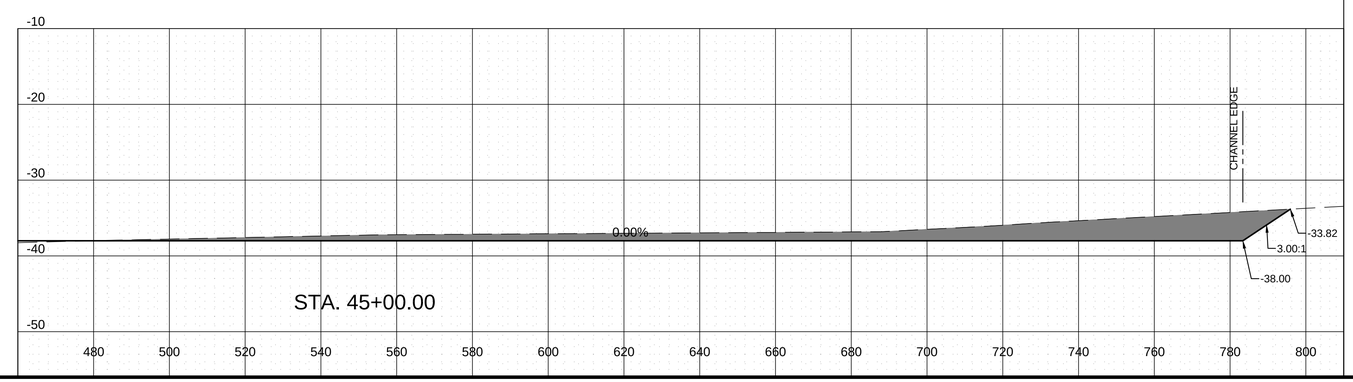












DREDGE MATERIAL	
A (SF)	V (CY)
37	779
384	1478
414	2357
858	2984

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

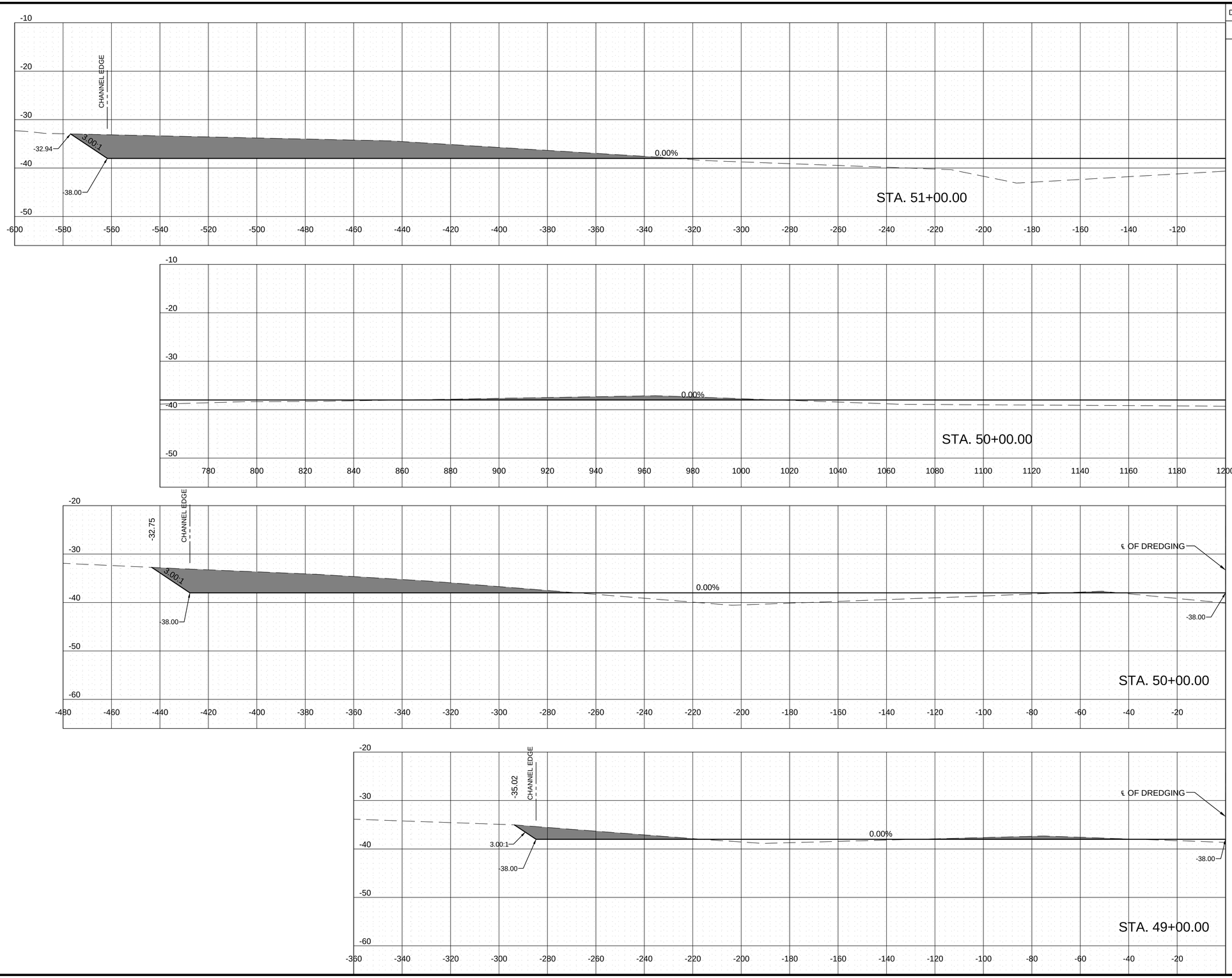
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
CROSS SECTIONS

Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

Drawing No.

C-14.0



DREDGE MATERIAL	
A (SF)	V (CY)
1462	3742
559	1284
134	317

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

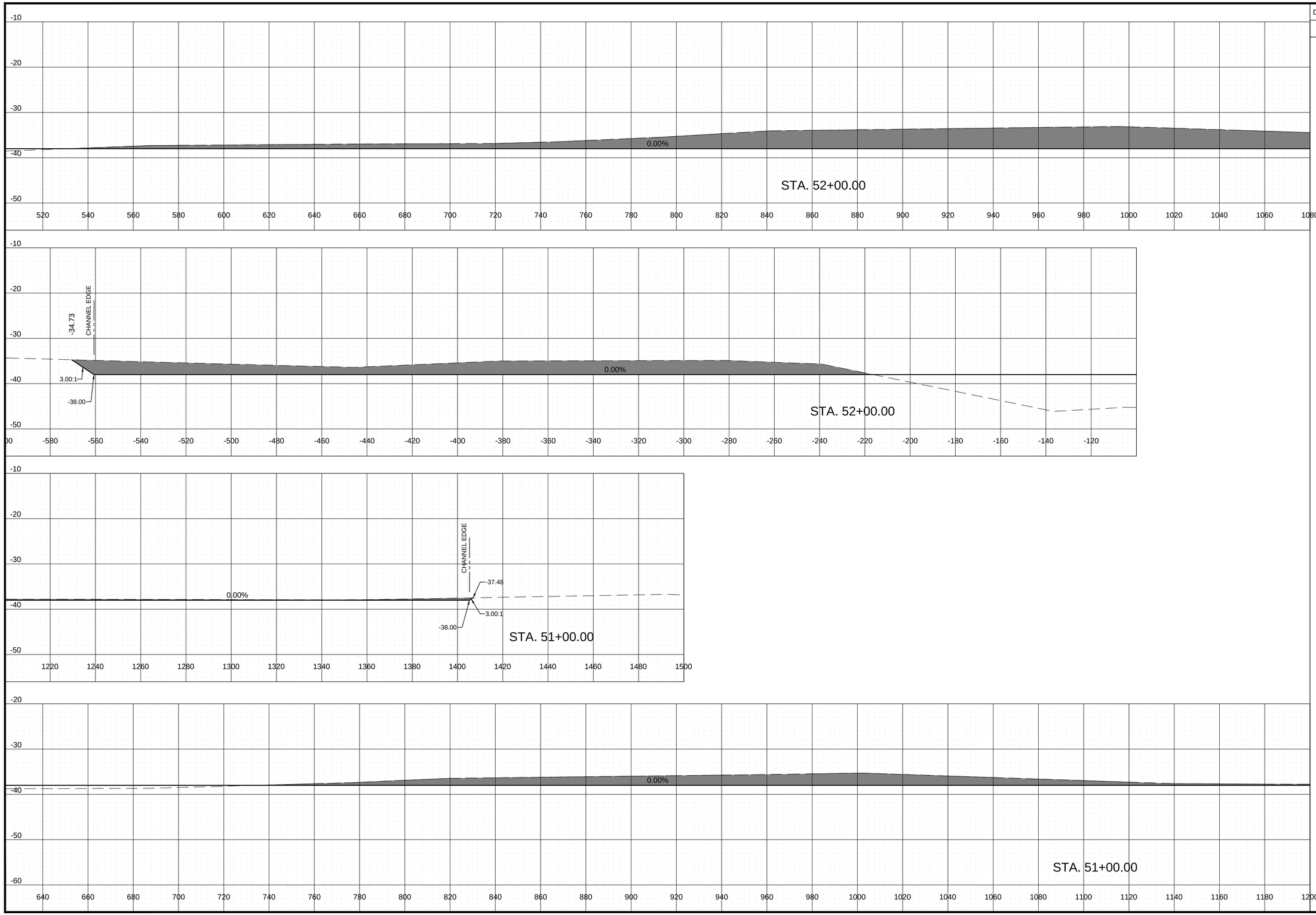
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
CROSS SECTIONS

Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

Drawing No.

C-15.0



DREDGE MATERIAL	
A (SF)	V (CY)
2935	8141
1462	

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

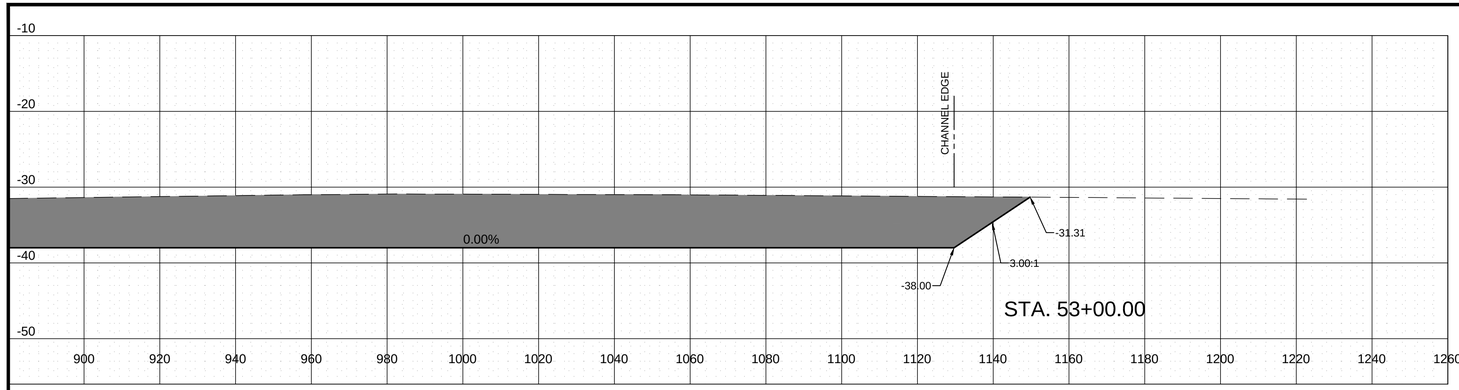
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

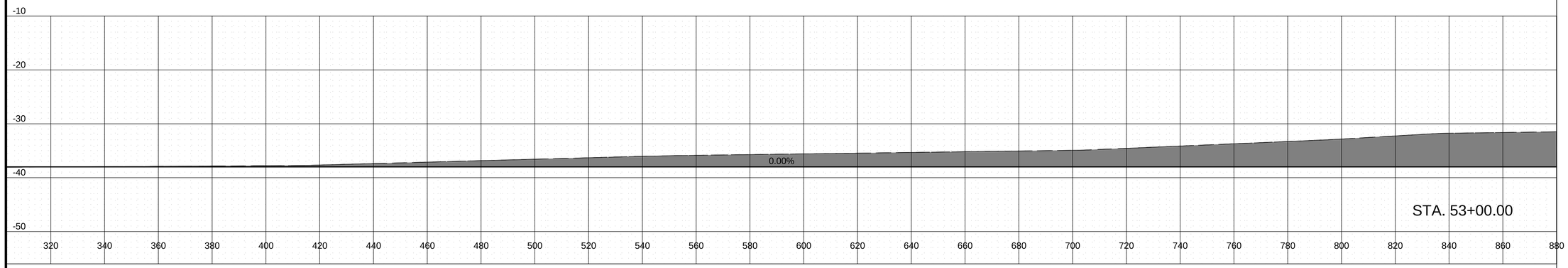
Drawing Description
CROSS SECTIONS

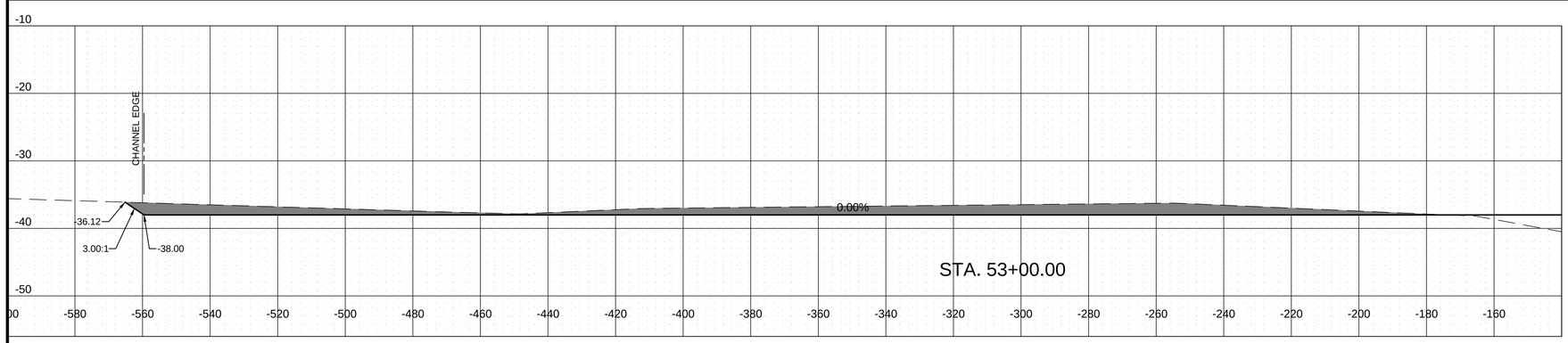
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

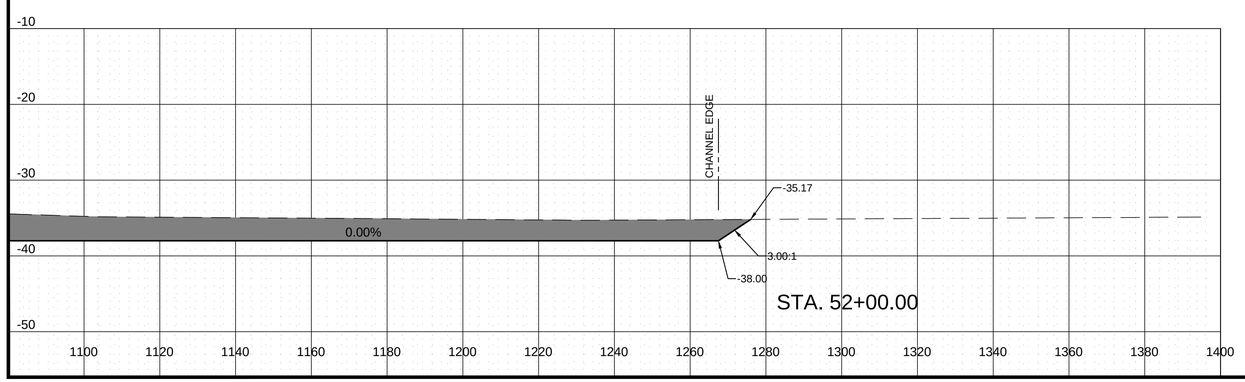
Drawing No.

C-16.0









DREDGE MATERIAL	
A (SF)	V (CY)
3660	12213
2935	

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

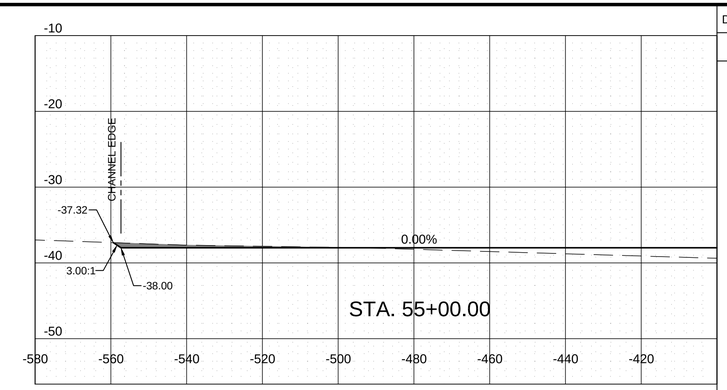
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

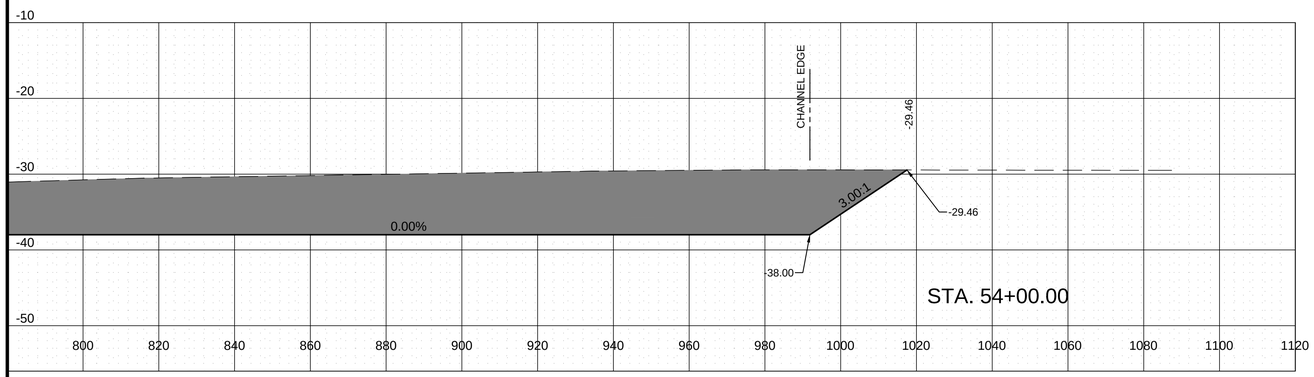
Drawing Description
CROSS SECTIONS

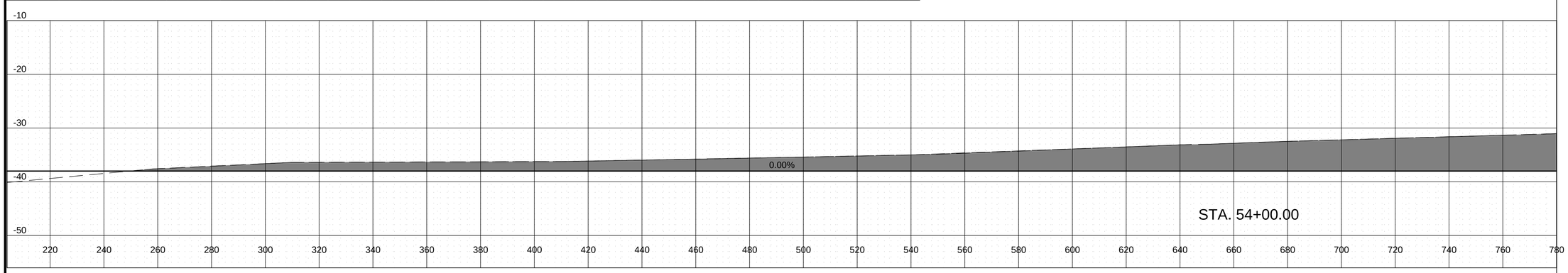
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

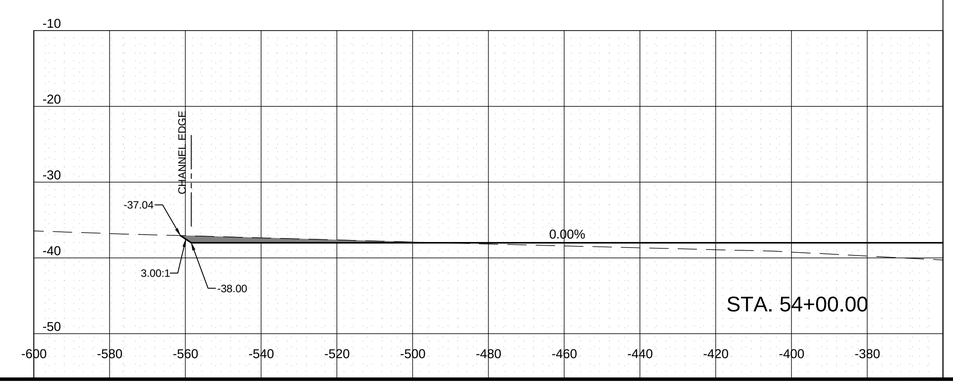
Drawing No.

C-17.0









DREDGE MATERIAL	
A (SF)	V (CY)
2692	11617
3582	13411

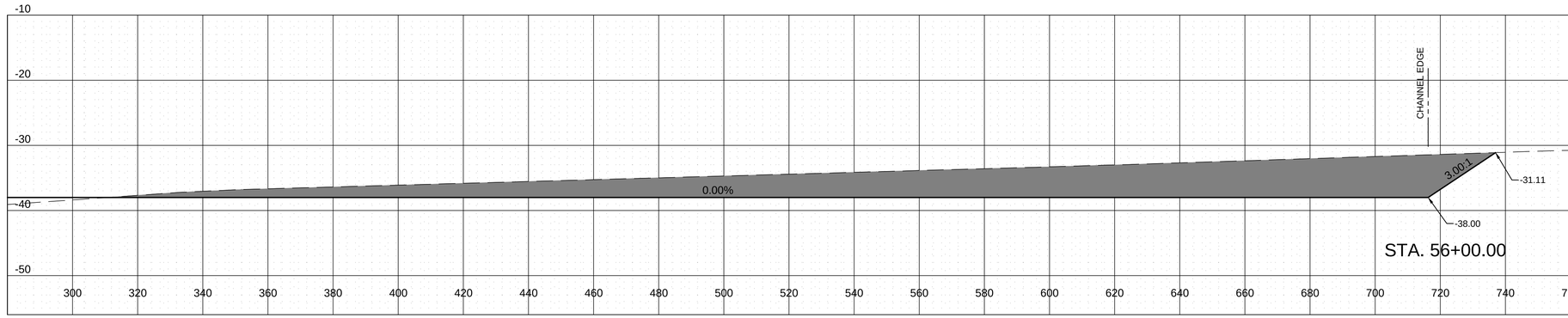
REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

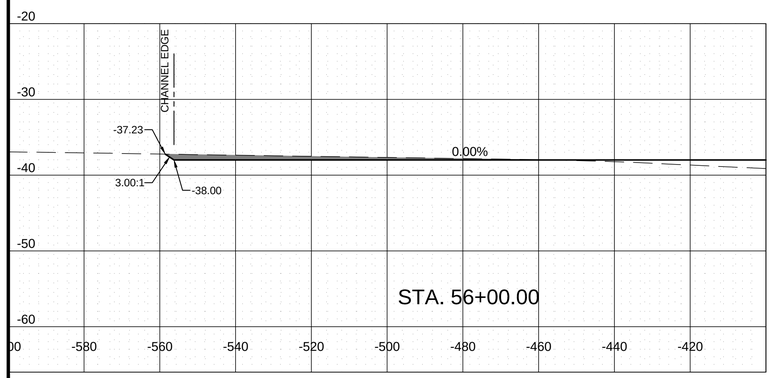
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

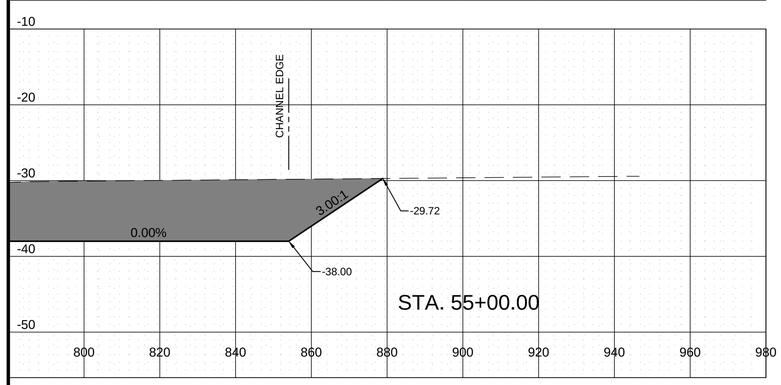
Drawing Description
CROSS SECTIONS

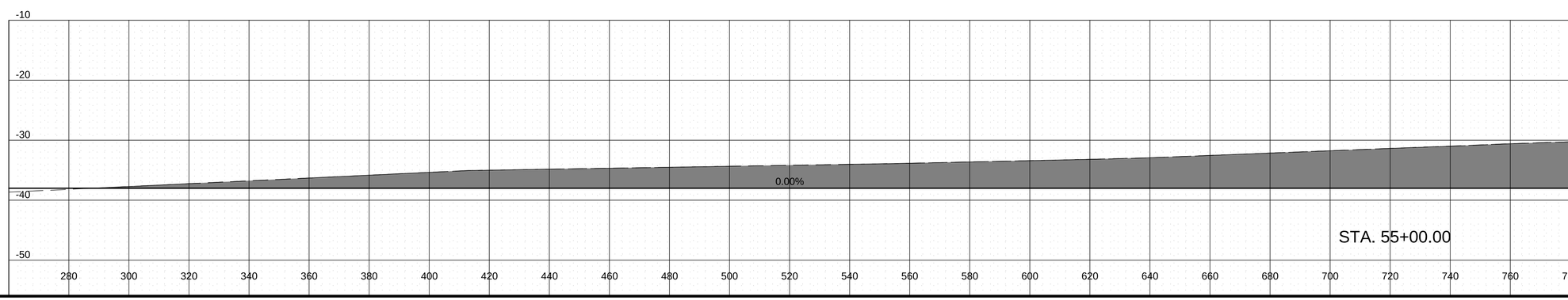
Drawn DC
Checked DC
Appr. D.C.
Date 05-23-18
Proj. No.

Drawing No.
C-18.0









DREDGE MATERIAL	
A (SF)	V (CY)
1524	7808
2692	

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

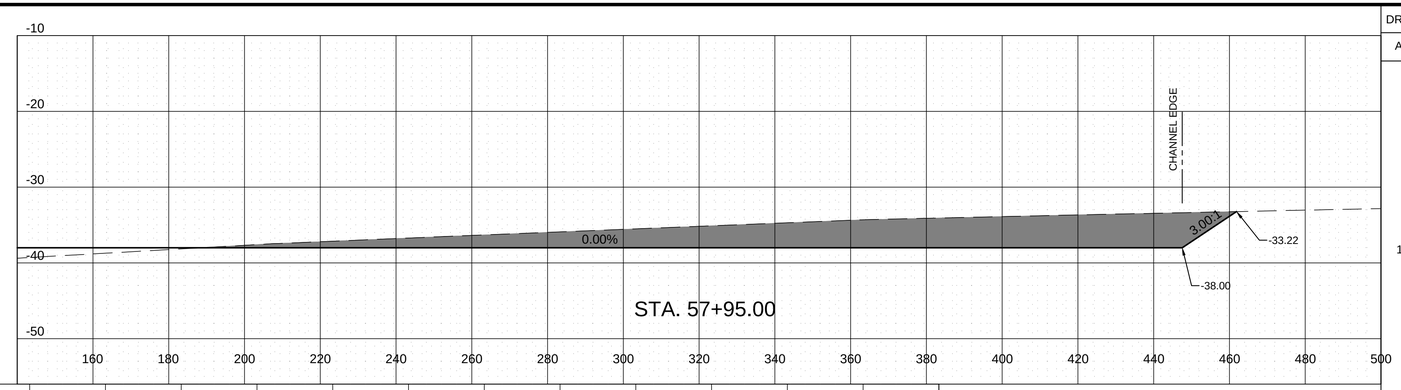
WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

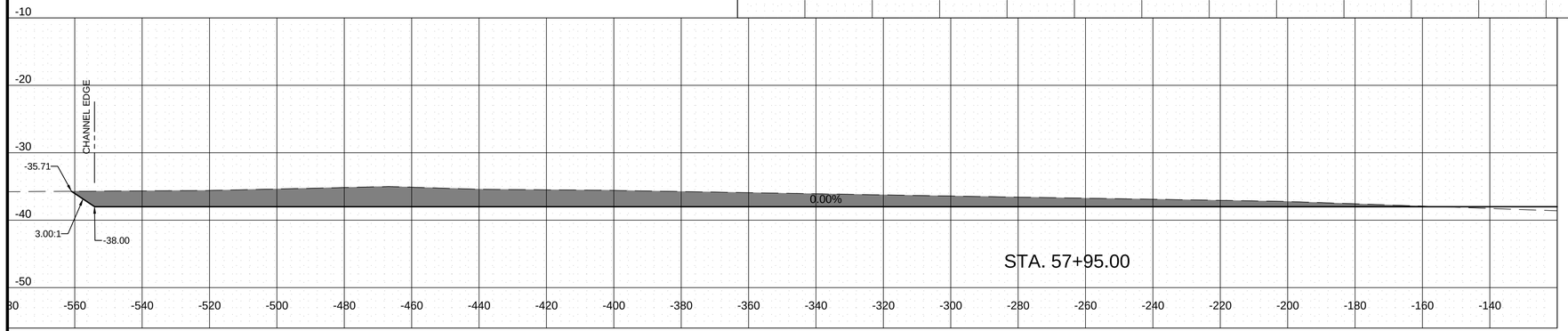
Drawing Description
CROSS SECTIONS

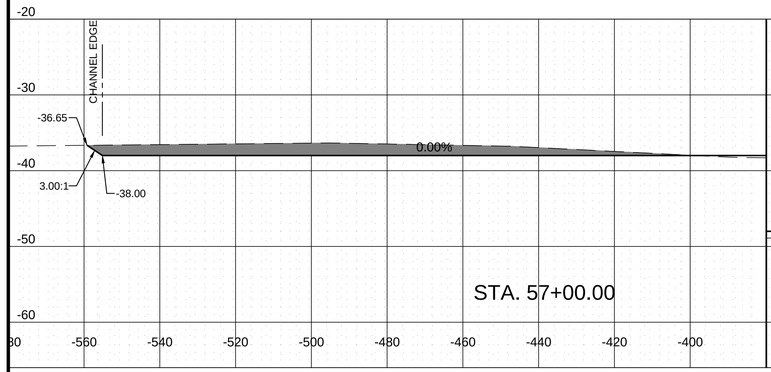
Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

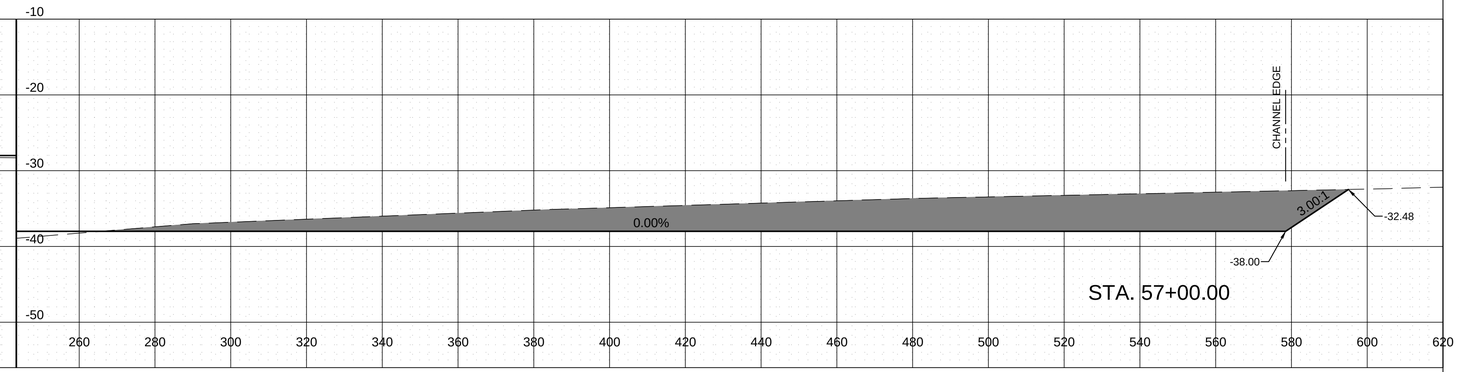
Drawing No.

C-19.0









DREDGE MATERIAL	
A (SF)	V (CY)
1468	4787
1253	5143

REV.	NO.	DATE(mmddyy)	ISSUE DESCRIPTION

WICO CHANNEL DREDGING
CHARLOTTE AMALIE
ST. THOMAS, U.S. VIRGIN ISLANDS

Drawing Description
CROSS SECTIONS

Drawn	DC
Checked	DC
Appr.	D.C.
Date	05-23-18
Proj. No.	

Drawing No.

C-20.0