Sub-Appendix F-2

Engineering Plans

Matagorda Ship Channel Improvement, Port Lavaca, Texas
Validation Report and Supplemental Environmental Impact Statement,
Calhoun and Matagorda Counties, Texas

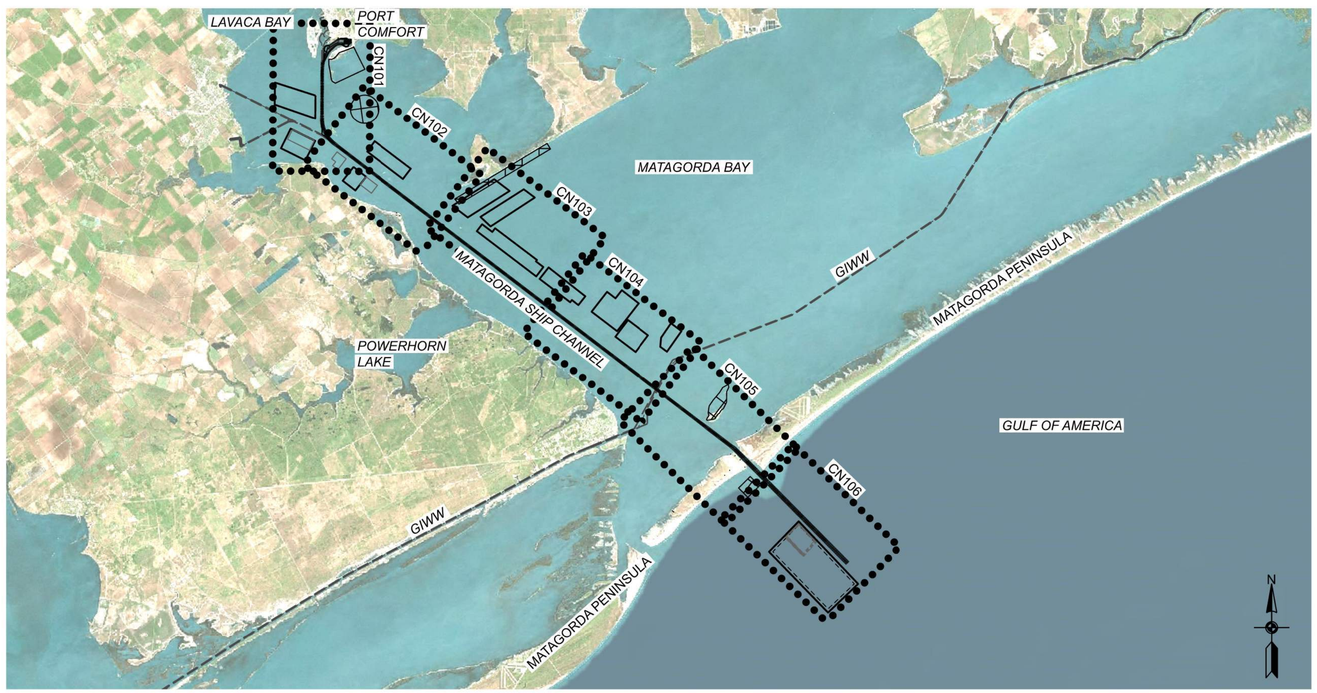
March 2026

US Army Corps of Engineers
Galveston District

US Army Corps of Engineers®
GALVESTON DISTRICT

Center of Excellence
Coastal Navigation and Environmental Restoration

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE



VICINITY MAP
SCALE OF MILES

ISSUE DATE: MMMMMM 2025
VOLUME #
SWG FILE NO.: GUAD 0799-0038

JACOB A. GARRETT, P.E.
TECHNICAL LEAD

This project was designed by the Galveston District of the U.S. Army Corps of Engineers. The initials or signatures and registration designations of individuals appear on these project documents within the scope of their employment as required by ER 1110-1-8152.

MARTIN B. REGNER, P.E.
CHIEF, GENERAL ENGINEERING BR.

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: B. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY20BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038
MARTIN B. REGNER, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Research Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

COVER SHEET

SHEET ID
G-001

DQC REVIEW - NOT FOR CONSTRUCTION

SHEET TYPE DESIGNATORS

001-	GENERAL (SYMBOLS LEGEND, NOTES, ETC.)
100-	PLANS (HORIZONTAL VIEWS AND COMBINATION PLAN AND PROFILE)
200-	ELEVATIONS AND PROFILES (VERTICAL VIEWS)
300-	SECTIONS (SECTIONAL VIEWS, CROSS SECTIONS, ETC.)
400-	LARGE SCALE VIEWS (SCALED UP REPRODUCTIONS OF PLANS, ELEVATIONS, OR SECTIONS THAT ARE NOT DETAILS)
500-	DETAILS
600-	SCHEDULES AND DIAGRAMS
700-	USER DEFINED
800-	USER DEFINED
900-	3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOGRAPHS)

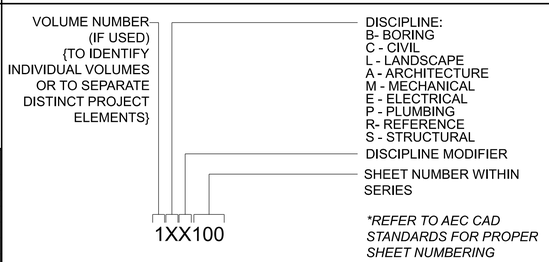
NOTE: NOT ALL ABBREVIATIONS SHOWN APPEAR IN THIS PLAN SET, LIST FOR REFERENCE ONLY.

∟	ANGLE	E	EAST	NEMA	NATIONAL ELECTRICAL MFG ASSOC.	WTH	WIDTH
A/C	AIR CONDITIONING	EA	EACH	NFPA	NATIONAL FIRE PROTECTION ASSOC.	YD	YARD
AB	ANCHOR BOLT	EJ	EXPANSION JOINT	NIC	NOT IN CONTRACT		
ABV	ABOVE	ELEC	ELECTRIC	NM	NONMETALLIC		
AC	ALTERNATING CURRENT	EM	EXPANDED METAL	NO	NORMALLY OPEN		
ACB	ARTICULATED CONCRETE BLOCK (≈ CCM)	ENCL	ENCLOSURE	NOM	NOMINAL		
ACC	ACCESSIBLE	ENTR	ENTRANCE, ENTERING	NTS	NOT TO SCALE		
ACI	AMERICAN CONCRETE INSTITUTE	EP	ELECTRICAL PANELBOARD	NUM - NO	NUMBER		
ADDM	ADDENDUM	EPRF	EXPLOSION PROOF	OBSC	OBSCURE		
ADH	ADHESIVE	EQ	EQUAL / EQUATION	OC	ON CENTER		
ADJ	ADJUSTABLE	EST	ESTIMATE(D)	OD	OUTSIDE DIAMETER		
AFF	ABOVE FINISHED FLOOR	EXP	EXPANSION	OPH	OPPOSITE HAND		
AGGR	AGGREGATE	EXPO	EXPOSED	OPNG	OPENING		
AHR	ANCHOR	EXP BT	EXPANSION BOLT	OPP	OPPOSITE		
AISC	AMERICAN INSTITUTE OF STEEL CONSTR.	EXIST	EXISTING	OPS	OPERATIONS		
ALT	ALTERNATE	EXT	EXTERIOR	P	POLE		
ALUM	ALUMINUM	F	FAHRENHEIT	PC	PIECE		
ANSI	AMERICAN NATIONAL STD. INSTITUTE	FCJ	FLOOR CONSTRUCTION JOINT	PCC	PRECAST CONCRETE		
APPD	APPROVED	FD	FLOOR DRAIN	PCF	POUNDS PER CUBIC FOOT		
APPROX	APPROXIMATE	FDTN	FOUNDATION	PD	PAVEMENT DRAIN		
ARCH	ARCHITECT	FF	FINISH FLOOR	PED	PEDESTAL		
ASPH	ASPHALT	FLEX	FLEXIBLE	PERF	PERFORATE(D)		
AUTO	AUTOMATIC	FLR	FLOOR	PERIM	PERIMETER		
AVG	AVERAGE	FLUOR	FLUORESCENT	PH	PHASE		
BDRY	BOUNDARY	FN	FENCE	P/L - ℙ	PLATE		
BD	BOARD	FOC	FACE OF CONCRETE	PL	PROPERTY LINE		
BITUM	BITUMINOUS	FP	FIREPROOF	PLAT	PLATFORM		
BLDG	BUILDING	FR	FIRE RESISTANT	PLF	POUNDS PER LINEAR FOOT		
BLW	BELOW	FS	FULL SIZE	PLG	PILING		
BM	BENCHMARK	FT	FOOT / FEET	PLYWD	PLYWOOD		
BRCG	BRACING	FTG	FOOTING	PNL	PANEL		
BRDG	BRIDGING	FUT	FUTURE	PPM	PARTS PER MILLION		
BRG	BEARING	G	NATURAL GAS	PREFAB	PREFABRICATE(D)		
BRG PL	BEARING PLATE	GA	GAGE	PRKG	PARKING		
BRK	BRICK	GAL	GALLON(S)	PROJ	PROJECT		
BRKT	BRACKET	GALV	GALVANIZED	PS CONC	PRESTRESSED CONCRETE		
BTM	BOTTOM	GLV	GALVANIZED IRON	PSF	POUNDS PER SQUARE FOOT		
BTWN	BETWEEN	GND	GROUND	PSI	POUNDS PER SQUARE INCH		
C TO C	CENTER TO CENTER (or C-C)	GOV'T	GOVERNMENT	PT CONC	POST-TENSIONED CONCRETE		
CAB	CABINET	GRAN	GRANITE	PT.	POINT		
CAP	CAPACITY	GRTG	GRATING	PV	PAVED		
CB	CATCH BASIN	GYP	GYPSUM	PVG	PAVING		
CCM	CELLULAR CONC. MATTRESS (≈ ACB)	HD	HEAVY DUTY	QT.	QUART		
CHFR	CHAMFER	HDW	HARDWARE	QTY	QUANTITY		
CHK	CHECK	HEX	HEXAGON	R	RADIUS		
CIP	CAST-IN-PLACE	HORIZ	HORIZONTAL	RC	REMOTE CONTROL		
CIRC	CIRCULAR	HS	HIGH STRENGTH	RCP	REINFORCED CONCRETE PIPE		
CJ	CONTROL OR CONSTRUCTION JOINT	HT	HEIGHT	REINF	REINFORCE		
CKT	CIRCUIT	ID	INSIDE DIAMETER	REQ'D	REQUIRED		
CKT BKR	CIRCUIT BREAKER	IN	INCH(ES)	RM	ROOM		
CL - ℄	CENTER LINE	INCL	INCLUDED	RND	ROUND		
CLOS	CLOSURE	INSUL	INSULATION	RO	ROUGH OPENING		
CLR	CLEAR(ANCE)	INT	INTERIOR	ROW	RIGHT OF WAY		
CMPST	COMPOSITE	INV	INVERT	SCHED	SCHEDULE		
COL	COLUMN	LB - #	POUND	SD	STORM DRAIN		
COM	COMMON	LBL	LABEL	SECT	SECTION		
CONC	CONCRETE	LBR	LUMBER	SEQ	SEQUENCE		
CONN	CONNECT	LD	LOAD	SHT	SHEET		
CONSTR	CONSTRUCTION	LG	LONG (LENGTH)	SIM	SIMILAR		
CONT	CONTINUE	LIN	LINEAR	SLNT	SEALANT		
CONTR	CONTRACTOR	LONG	LONGITUDINAL	SPCL	SPECIAL		
CORR	CORRIDOR	LPT	LOW POINT	SPEC	SPECIFICATION		
COV	COVER	LWC	LIGHTWEIGHT CONCRETE	STA	STATION		
CPRS	COMPRESSIBLE	m	METER(S)	STD	STANDARD		
CRCMF	CIRCUMFERENCE	MAS	MASONRY	STG	SEATING		
CRES	CORROSIVE RESISTANT STEEL	MATL	MATERIAL(S)	STL	STEEL		
CSK	COUNTERSUNK	MAX	MAXIMUM	STOR	STORAGE		
CU FT	CUBIC FEET	MB	MACHINE BOLTS	STRUCT	STRUCTURAL		
CU YD	CUBIC YARDS	MBR	MEMBER	SYNTH	SYNTHETIC		
CW	COLD WATER	MCJ	MASONRY CONTROL JOINT	SYS	SYSTEM		
CYL	CYLINDER	MECH	MECHANICAL	TAN	TANGENT		
DAT	DATUM	MED	MEDIUM	TEL	TELEPHONE		
DBL	DOUBLE	MEMB	MEMBRANE	TEMP	TEMPORARY		
DCJ	DOWELED CONTROL JOINT	MFG	MANUFACTURING	THK	THICK(NESS)		
DEG	DEGREE	MH	MANHOLE	T.O.	TOP OF		
DEMO	DEMOLITION	MI	MALLEABLE IRON	TOL	TOLERANCE		
DEPR	DEPRESSION	MIN	MINIMUM	TOPO	TOPOGRAPHY		
DEPT	DEPARTMENT	mm	MILLIMETER(S)	TOS	TOP OF SLAB		
DET	DETAIL	MOD	MODULAR	TYP	TYPICAL		
DIA - Ø	DIAMETER	MOD.	MODIFIED	UNEX	UNEXCAVATED		
DIAG	DIAGONAL	MOT	MOTOR	UTIL	UTILITY		
DIM	DIMENSION	MS	MACHINE SCREWS	VERT	VERTICAL		
DISC	DISCONNECT	MT	MOUNT	VOL	VOLUME		
DIV	DIVISION	MTD	MOUNTED	W	WEST		
DL	DEAD LOAD	MTL	METAL	WD	WOOD		
DN	DOWN	N	NORTH	WF	WIDE FLANGE		
DR	DRAIN	NEC	NATIONAL ELECTRICAL CODE	WT	WEIGHT		

GALVESTON DISTRICT ABBREVIATIONS

A&B	ADDICKS AND BARKER
ANWR	ARANSAS NATIONAL WILDLIFE REFUGE
AUTH	AUTHORIZED
BIH	BRAZOS ISLAND HARBOR
BRAZ	BRAZOS RIVER
BRFG	BRAZOS RIVER FLOODGATES
C.I.P.	CHANNEL IMPROVEMENT PROJECT
C.S.	CROSS SECTION
CC	CURVE CENTER
CCRO	CORPUS CHRISTI RESDIENT OFFICE
CCSC	CORPUS CHRISTI SHIP CHANNEL
CG	COAST GUARD (USCG)
COLO	COLORADO RIVER
CPT	CONE PENETROMETER TEST (GEOTECH.)
DHS	DEPARTMENT OF HOMELAND SECURITY
FED	FEDERAL
FRP	FREEPORT HARBOR
GALV	GALVESTON
GIS	GEOGRAPHIC INFORMATION SYSTEM
GIWW	GULF INTRACOASTAL WATERWAY
GUAD	GUADELUPE RIVER
HSC	HOUSTON SHIP CHANNEL
IWW	(GIWW) GULF INTRACOASTAL WATERWAY
LAT	LATITUDE
LL	LATITUDE & LONGITUDE
LON	LONGITUDE
MATOC	MULTIPLE AWARD TASK ORDER CONT.
MSC	MATAGORDA SHIP CHANNEL
ODMDS	OCEAN DREDGED MATL DISPOSAL SITE
OVR'D	OVERDEPTH
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.T.	POINT OF TANGENCY
P.V.C.	POINT OF VERTICAL CURVE
PA	PLACEMENT AREA
PCC	POINT OF CURVE-CURVE
POB	POINT OF BEGINNING
POE	POINT OF END
POT	POINT ON TANGENT
PRC	POINT OF REVERSE CURVE
RFP	REQUEST FOR PROPOSAL (CONTRACT)
RIO	RIO GRANDE RIVER
S2G	SABINE TO GALVESTON
SATOC	SINGLE AWARD TASK ORDER CONTRACT
SN	SABINE-NECHES (SNWW → WATERWAY)
SWG	SOUTHWEST DIVISION, GALVESTON DIST.
TC	TEXAS CITY SHIP CHANNEL
TNRIS	TEXAS NATURAL RESOURCES INFO. SYS.
TRIN	TRINITY RIVER
USACE	U.S. ARMY CORPS OF ENGINEERS
Δ	DELTA OR DEFLECTION ANGLE OF CURVE

NUMBERING SYSTEM



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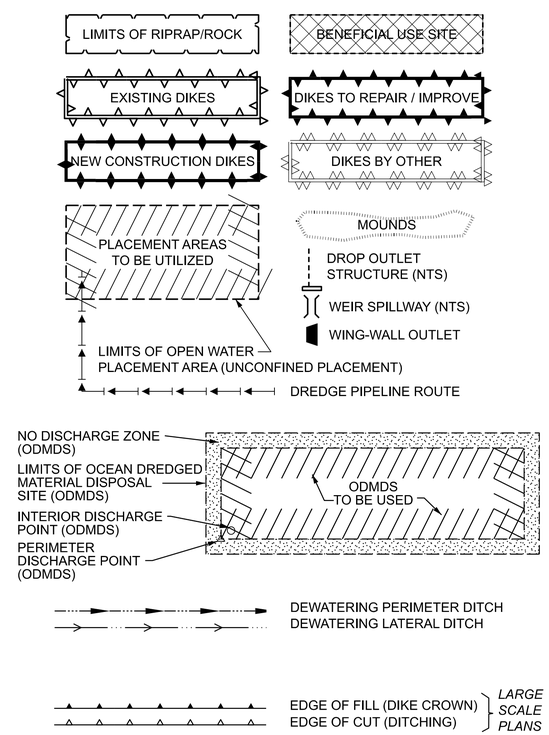
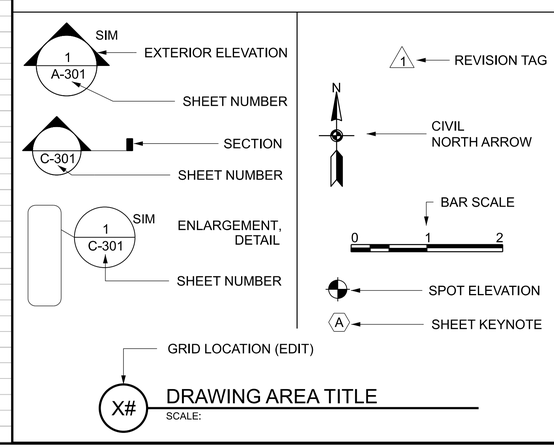
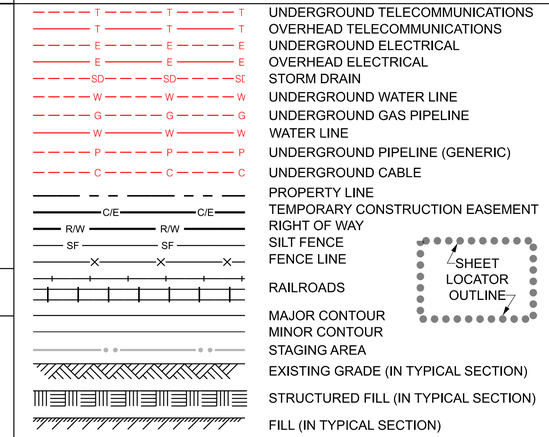


ANNOTATION CALLOUTS/DRAWING SYMBOLS

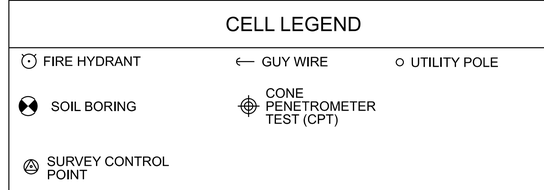


LINE LEGEND

(GRAY LINES ARE EXISTING AND RED LINES ARE UTILITIES)



CELL LEGEND



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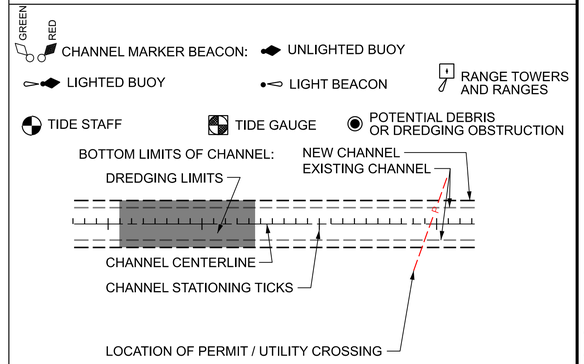
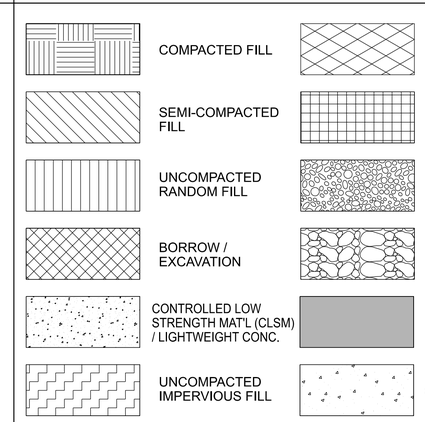


PATTERN LEGEND



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ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Research Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

LEGEND AND ABBREVIATIONS

SHEET ID
G-002

DQC REVIEW - NOT FOR CONSTRUCTION

INDEX OF DRAWINGS

DWG. NO.	TITLE
	MATAGORDA SHIP CHANNEL CHANNEL IMPROVEMENT PROJECT
	GENERAL
G-001	COVER SHEET
G-002	LEGEND AND ABBREVIATIONS
G-003	INDEX OF DRAWINGS AND GENERAL NOTES
G-004	LOCATION PLAN
V-601	CHANNEL ALLIGNMENT, PIPELINE ROUTES, AND PLACEMENT AREA COORDINATION LOCATION TABLES
	CIVIL
CN101	MATAGORDA SHIP CHANNEL PLAN STA. 93+500 TO STA. 118+581
CN102	MATAGORDA SHIP CHANNEL PLAN STA. 71+500 TO STA. 93+500
CN103	MATAGORDA SHIP CHANNEL PLAN STA. 46+500 TO STA. 71+500
CN104	MATAGORDA SHIP CHANNEL PLAN STA. 21+500 TO STA. 46+500
CN105	MATAGORDA SHIP CHANNEL PLAN STA. 4+500 TO STA. 21+500
CN106	MATAGORDA SHIP CHANNEL PLAN STA. -23+000 TO STA. 4+500
C-301	MAIN AND ENTRANCE CHANNELS TYPICAL SECTIONS
C-302	EXISTING AND NEW TURNING BASINS TYPICAL SECTIONS
CN301	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. -26+600 TO STA. -23+000
CN302	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. -22+000 TO STA. -18+000
CN303	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. -17+000 TO STA. -13+000
CN304	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. -12+000 TO STA. -8+000
CN305	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. -7+000 TO STA. -4+000
CN306	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. -3+000 TO STA. 0+000
CN307	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 0+000 TO STA. 2+000
CN308	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 3+000 TO STA. 5+000
CN309	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 6+000 TO STA. 15+000
CN310	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 16+000 TO STA. 25+000
CN311	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 26+000 TO STA. 35+000
CN312	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 36+000 TO STA. 45+000
CN313	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 46+000 TO STA. 55+000
CN314	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 56+000 TO STA. 65+000
CN315	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 66+000 TO STA. 70+200
CN316	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 70+200 TO STA. 79+000
CN317	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 80+000 TO STA. 89+000
CN318	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 90+00 TO STA. 99+000
CN319	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 100+000 TO STA. 109+000
CN320	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 109+000 TO STA. 117+149
CN321	MATAGORDA SHIP CHANNEL CROSS SECTIONS STA. 118+000 TO STA. 118+315.58
34	*-- Total Number of Drawings*

GENERAL NOTES

1. SURVEY WAS DONE BY THE U.S. ARMY CORPS OF ENGINEERS IN AUGUST 2023. SURVEY POC FOR THIS PROJECT IS DARRELL JOHNSON.

2. HORIZONTAL COORDINATES ARE REFERENCED TO TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH-CENTRAL ZONE, NAD83, US SURVEY FEET.

3. BATHYMETRIC ELEVATIONS ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW) DIMENSIONED IN US SURVEY FEET. TOPOGRAPHIC ELEVATIONS ARE REFERENCED TO NAVD88, USING GEOID12B, DIMENSIONED IN US SURVEY FEET.

4. PROJECT REFERENCED TO A MINIMUM OF (3) MONUMENTS FOR CONTROL POINTS AND COMPLIES WITH U.S. ARMY CORPS OF ENGINEERS EM 1110-2-6056 "STANDARDS AND PROCEDURES FOR REFERENCING PROJECT ELEVATION GRADES TO NATIONWIDE VERTICAL DATUMS".

5. AERIAL IMAGERY SOURCED FROM MICROSOFT BING MAPS, UNLESS OTHERWISE NOTED. IMAGERY DATES AND IMAGERY ACCURACY CANNOT BE PROVIDED AS THE QUALITY OF THE DATA IS VARIABLE AND NOT SPECIFIED. OBSTRUCTIONS VISIBLE IN THE IMAGES MAY NOT BE IN THAT LOCATION AT THE TIME OF THE WORK, AS THOSE OBSTRUCTIONS MAY HAVE BEEN MOVED. SITE VISIT SHOULD BE MADE TO VERIFY ANY CURRENT OBSTRUCTIONS IN THE WORK AREA.

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U.S. ARMY CORPS OF ENGINEERS
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GALVESTON, TEXAS 77550

SWG GEOSPATIAL WORK GROUP Advanced Modeling Section

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SUBMITTED BY: MARTIN B. REGUES, P.E. CHIEF, GENERAL ENGINEERING BR.
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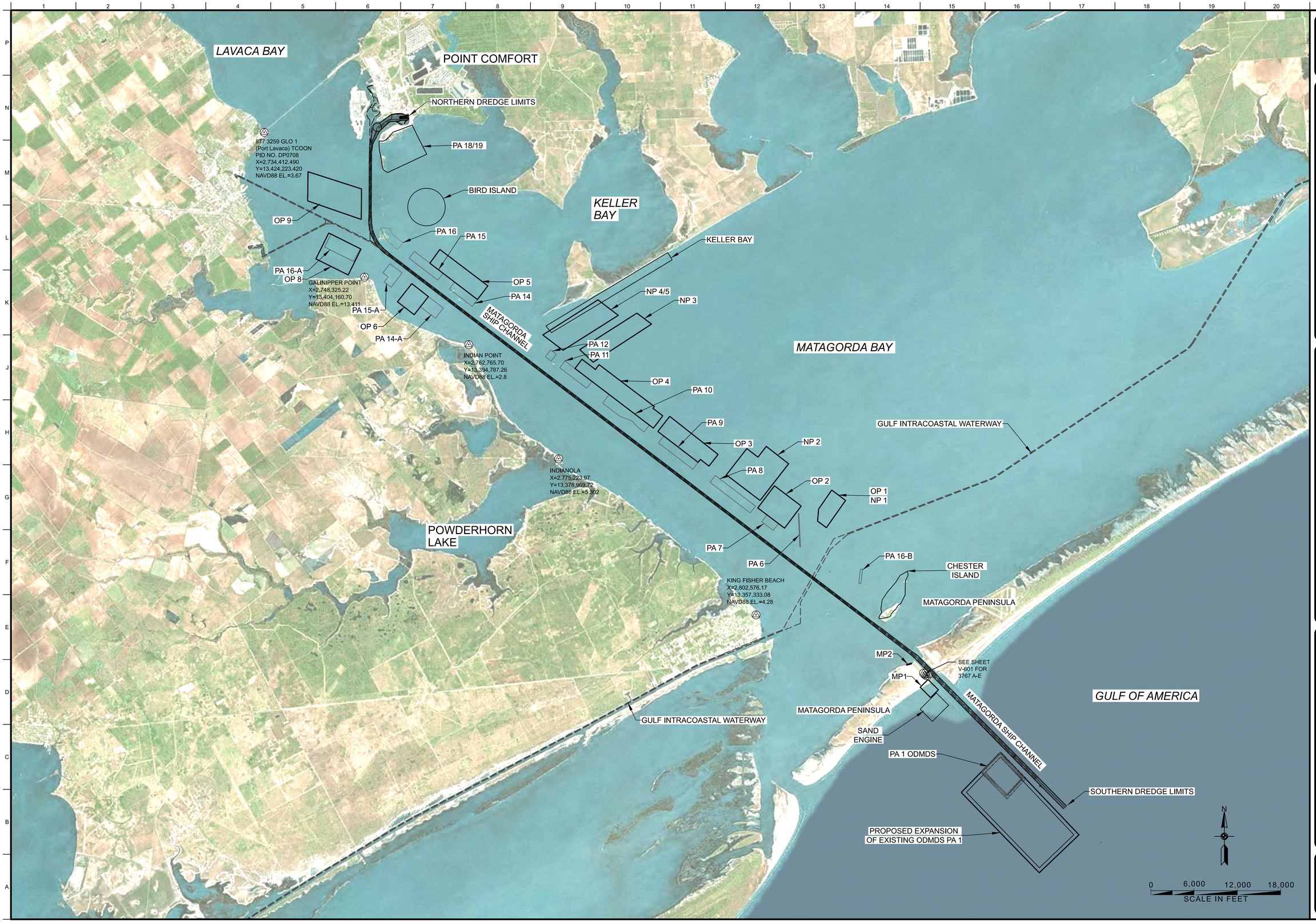
MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

INDEX OF DRAWINGS
AND GENERAL NOTES

SHEET ID
G-003

DQC REVIEW - NOT FOR CONSTRUCTION



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DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
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SWG Geospatial Water Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
LOCATION PLAN

SHEET ID
G-004

DQC REVIEW - NOT FOR CONSTRUCTION

CHANNEL ALIGNMENT DATA

CURVE NO.	POINT	STATION	NORTHING	EASTING	RADIUS	LENGTH	DELTA	DIRECTION
HORIZONTAL DATUM: TEXAS SOUTH-CENTRAL ZONE, NAD83(2011), U.S. SURVEY FEET								
MATAGORDA SHIP CHANNEL - 47 FT PROJECT								
	POB	-26+000.00	13,330,604.300	2,845,419.060				
	PI	3+453.56	13,351,551.900	2,824,713.736				
	PC	95+715.44	13,407,503.800	2,751,354.080				
1	PI	98+567.43	13,409,233.380	2,749,086.398	5,729.65	5,292.51	52.924°	Right
	CC		13,412,059.590	2,754,828.807				
	PT	101+007.96	13,412,085.340	2,749,099.215				
	PC	109+781.73	13,420,859.020	2,749,138.644				
2	PI	110+372.33	13,421,449.610	2,749,141.298	7,924.12	1,179.02	8.525°	Right
	CC		13,420,823.410	2,757,062.686				
	PT	110+960.75	13,422,033.290	2,749,231.473				
	PC	111+503.70	13,422,569.870	2,749,314.372				
3	PI	111+546.85	13,422,612.510	2,749,320.960	500.00	86.08	9.864°	Right
	CC		13,422,493.530	2,749,808.510				
	PT	111+589.78	13,422,653.390	2,749,334.755				
	PI	113+947.62	13,424,887.470	2,750,088.614				
	PI	115+859.97	13,425,955.800	2,751,674.735				
	POE	118+581.00	13,426,070.570	2,754,393.011				

CONTROL POINTS MSC

CONTROL POINT	NORTHING	EASTING	ELEV.NAVD88	Date Verified
3767 A	13,348,878.64	2,826,364.15	6.85	Mar-25
3767 B	13,348,853.33	2,826,135.03	6.18	Mar-25
3767 C	13,349,062.53	2,825,968.45	6.635	Mar-25
3767 D	13,349,457.57	2,825,626.61	6.39	Mar-25
3767 E	13,349,260.07	2,825,797.01	6.44	Mar-25
TCOON Port Lavaca	13,424,223.42	2,734,412.49	748	Jan-23
King Fisher Beach	13,357,333.08	2,802,576.17	4.28	Aug-25
Indianola	13,378,969.72	2,775,223.97	5.302	Jan-23
Indian Point	13,394,787.26	2,762,765.70	2.8	Jan-23
Galinipper Point	13,404,160.70	2,748,325.22	13.411	Jan-23

PLACEMENT AREAS COORDINATE LOCATIONS

PLACEMENT AREA	KEY NOTE LETTER	X-EASTING	Y-NORTHING
ODMDS 1	A	2,836,436.13	13,337,571.07
	B	2,839,237.11	13,334,626.90
	C	2,837,296.38	13,332,481.57
	D	2,834,427.46	13,335,499.46
EXPANSION ODMDS 1	A	2,836,458.24	13,338,274.26
	B	2,847,339.00	13,326,815.93
	C	2,841,831.25	13,321,559.44
	D	2,831,022.54	13,332,693.72
OP\NP 1	A	2,813,070.04	13,374,613.69
	B	2,814,988.33	13,373,171.86
	C	2,812,332.53	13,369,393.14
	D	2,811,104.56	13,370,308.93
	E	2,811,260.14	13,371,976.41
OP 2	A	2,805,140.38	13,375,201.57
	B	2,808,848.84	13,372,398.21
	C	2,806,527.65	13,369,327.60
	D	2,802,826.81	13,372,141.04
OP3	A	2,790,618.18	13,384,827.80
	B	2,797,327.14	13,379,545.42
	C	2,796,057.14	13,377,932.44
	D	2,794,875.04	13,378,863.18
(PA 9)	E	2,794,553.04	13,378,454.42
	F	2,788,969.06	13,382,733.32
OP4	A	2,778,458.31	13,392,740.55
	B	2,780,357.04	13,391,301.21
	C	2,780,832.91	13,391,999.37
	D	2,788,493.85	13,386,191.99
	E	2,788,300.43	13,385,936.84
	F	2,789,659.09	13,384,906.91
	G	2,788,353.38	13,383,184.45
	H	2,777,492.57	13,391,466.57
OP5	A	2,758,753.12	13,407,959.10
	B	2,765,414.08	13,402,919.23
(PA 14)	C	2,763,977.23	13,401,020.23
	D	2,757,335.66	13,406,085.71
OP 6	A	2,754,872.09	13,403,226.43
	B	2,757,171.15	13,401,418.94
	C	2,755,209.35	13,398,917.76
	D	2,752,888.28	13,400,702.88
OP 8	A	2,743,676.60	13,410,088.03
	B	2,747,842.25	13,408,011.46
	C	2,746,056.36	13,404,429.00
	D	2,741,581.56	13,406,659.74
OP 9	A	2,740,489.19	13,418,737.63
	B	2,747,906.79	13,416,359.03
	C	2,747,870.76	13,412,125.57
	D	2,742,781.10	13,413,881.11
	E	2,740,440.45	13,415,050.92
NP 2	A	2,801,305.71	13,380,367.11
	B	2,802,844.56	13,379,170.86
	C	2,804,003.04	13,380,661.13
	D	2,807,098.32	13,378,254.97
	E	2,803,138.64	13,373,161.26
	F	2,798,474.43	13,376,724.97
NP 3	A	2,786,073.47	13,399,135.07
	B	2,788,097.25	13,397,625.16
	C	2,780,257.39	13,392,532.91
	D	2,778,151.55	13,394,080.91
NP 4/5	A	2,780,671.20	13,400,981.10
	B	2,783,487.74	13,398,831.80
	C	2,775,832.72	13,393,981.55
	D	2,773,033.46	13,396,117.20
PA 6	A	2,808,435.29	13,371,366.29
	B	2,808,535.18	13,371,370.94
	C	2,808,751.24	13,366,732.71
	D	2,808,651.34	13,366,728.05

PLACEMENT AREAS COORDINATE LOCATIONS

PLACEMENT AREA	KEY NOTE LETTER	X-EASTING	Y-NORTHING
PA 7	A	2,804,097.14	13,371,180.75
	B	2,805,700.23	13,369,958.46
	C	2,804,957.05	13,369,010.02
	D	2,803,366.68	13,370,223.01
PA 8	A	2,796,938.42	13,376,635.07
	B	2,802,504.28	13,372,389.95
	C	2,801,776.55	13,371,435.81
	D	2,796,210.69	13,375,680.93
PA 9	A	2,789,782.26	13,382,093.03
(OP 3)	B	2,794,553.04	13,378,454.42
	C	2,793,825.44	13,377,500.17
	D	2,789,054.57	13,381,138.95
PA 10	A	2,782,230.02	13,387,856.18
	B	2,787,795.27	13,383,610.25
	C	2,787,066.75	13,382,655.07
	D	2,786,271.63	13,383,261.52
	E	2,785,399.01	13,384,178.60
	F	2,783,664.57	13,384,872.64
	G	2,781,318.95	13,386,661.66
PA 11	A	2,776,106.47	13,392,523.75
	B	2,779,843.25	13,389,673.69
	C	2,779,115.51	13,388,719.54
	D	2,775,378.73	13,391,569.61
PA 12	A	2,774,118.07	13,394,040.32
	B	2,774,913.48	13,393,433.66
	C	2,774,185.74	13,392,479.51
	D	2,773,390.34	13,393,086.17
PA 14	A	2,760,794.36	13,403,447.82
(OP 5)	B	2,763,977.23	13,401,020.23
	C	2,763,246.72	13,400,068.17
	D	2,760,066.61	13,402,493.66
PA 14-A	A	2,757,177.51	13,401,427.27
	B	2,759,244.83	13,399,850.51
	C	2,758,153.23	13,398,419.29
	D	2,756,085.90	13,399,996.05
PA 15	A	2,755,228.00	13,407,693.14
	B	2,759,200.38	13,404,656.77
	C	2,758,475.98	13,403,706.85
	D	2,754,500.28	13,406,738.95
PA 15-A	A	2,751,854.22	13,405,990.45
	B	2,753,523.98	13,404,716.91
	C	2,752,007.86	13,402,729.10
	D	2,751,053.71	13,403,456.83
	E	2,751,599.51	13,404,172.45
	F	2,750,883.90	13,404,718.25
PA 16	A	2,751,817.85	13,410,863.40
	B	2,752,266.32	13,409,952.20
	C	2,753,638.68	13,408,905.49
	D	2,752,910.94	13,407,951.34
	E	2,752,910.97	13,407,951.38
	F	2,751,232.99	13,409,447.48
	G	2,750,549.05	13,410,976.19
PA 16-A	A	2,743,676.61	13,410,088.08
	B	2,747,703.95	13,408,080.41
	C	2,746,814.20	13,406,292.97
	D	2,742,785.69	13,408,298.29
18/19(PROPOSED)	A	2,754,923.80	13,425,210.94
	B	2,756,946.68	13,421,165.30
	C	2,751,470.03	13,418,756.91
	D	2,750,827.55	13,419,361.39
	E	2,750,367.45	13,422,963.30
	F	2,751,455.61	13,423,307.67
	G	2,752,240.62	13,424,190.72
SAND ENGINE	A	2,827,582.33	13,346,482.25
	B	2,829,271.26	13,344,777.21
	C	2,827,140.01	13,342,665.93
	D	2,825,451.01	13,344,370.99

GENERAL SHEET NOTES

1. SEE SPECIFICATIONS FOR PIPELINE TABLE.
2. NOTE: DREDGED MATERIAL PLACEMENT SPECIFIED IN SECTION 35 3110.10 45 OF CONTRACT SPECIFICATIONS.

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MARK	DESCRIPTION	DATE

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DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038
R. MARTIN B. REGUIGUI, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & SURVEY Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

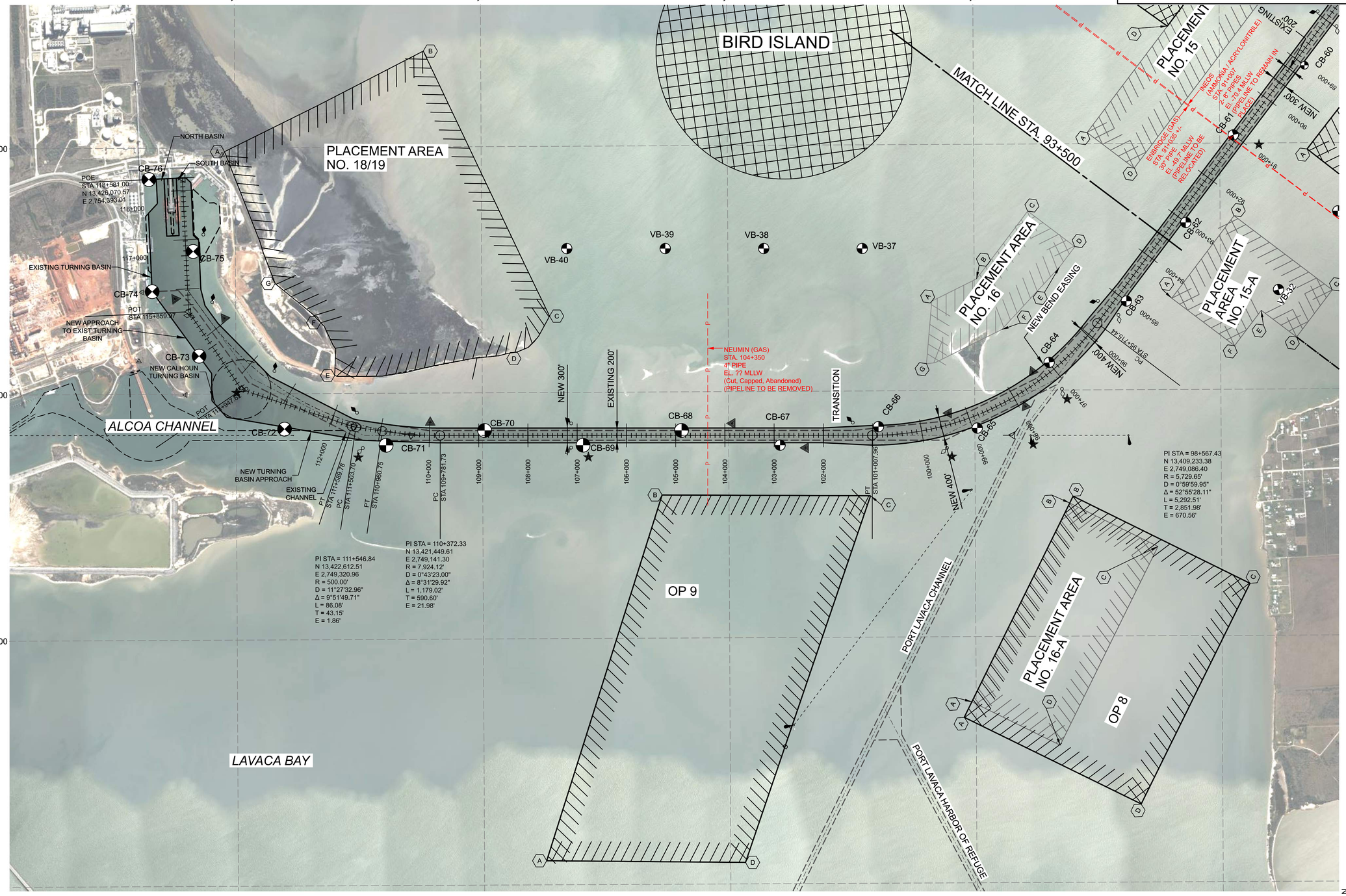
CHANNEL ALLIGNMENT TABLE
AND PLACEMENT AREAS COORDINATE TABLE

SHEET ID
V-601

DQC REVIEW - NOT FOR CONSTRUCTION

GENERAL SHEET NOTES

SEE SHEET V-601 FOR PLACEMENT AREA COORDINATES.



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DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: S. KERR, P.E.	SWG FILE NO.: QUAD 0799-0038
SIZE: ANSI D	SIZE: 22" X 34"
R. MARTIN B. REGINALD E. CHIEF, GENERAL ENGINEERING BRC	

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Water Resources Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
PLAN
STA. 93+500 TO STA. 118+581

SHEET ID
CN101

DQC REVIEW - NOT FOR CONSTRUCTION

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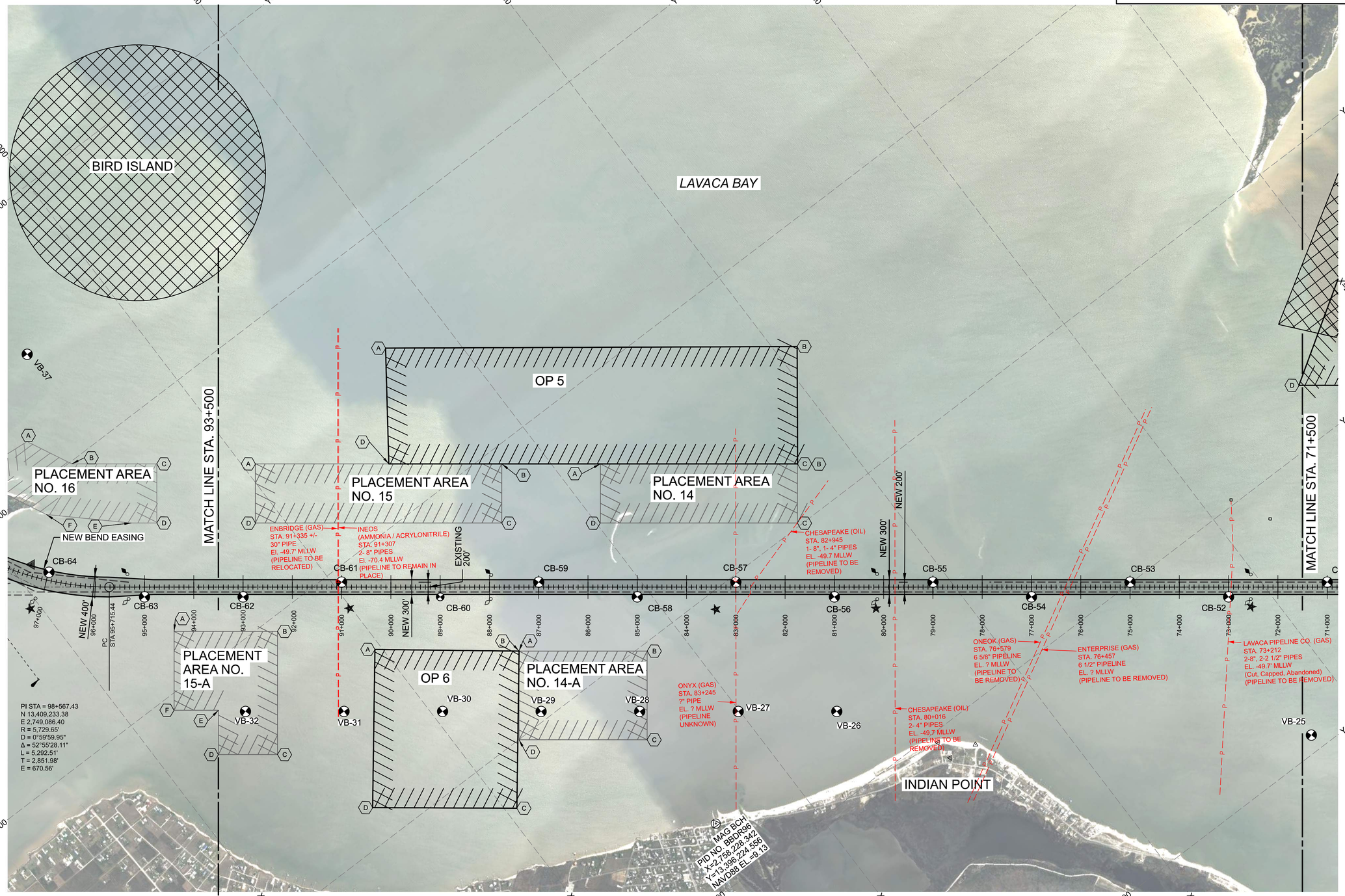
GENERAL SHEET NOTES

SEE SHEET V-601 FOR PLACEMENT AREA COORDINATES.



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MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: G. JOHNSON
SUBMITTED BY: C. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 0799-0038
SIZE: ANSI D
MARTIN B. REGNIER, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL BRANCH Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
PLAN
STA. 71+500 TO STA. 93+500

SHEET ID
CN102

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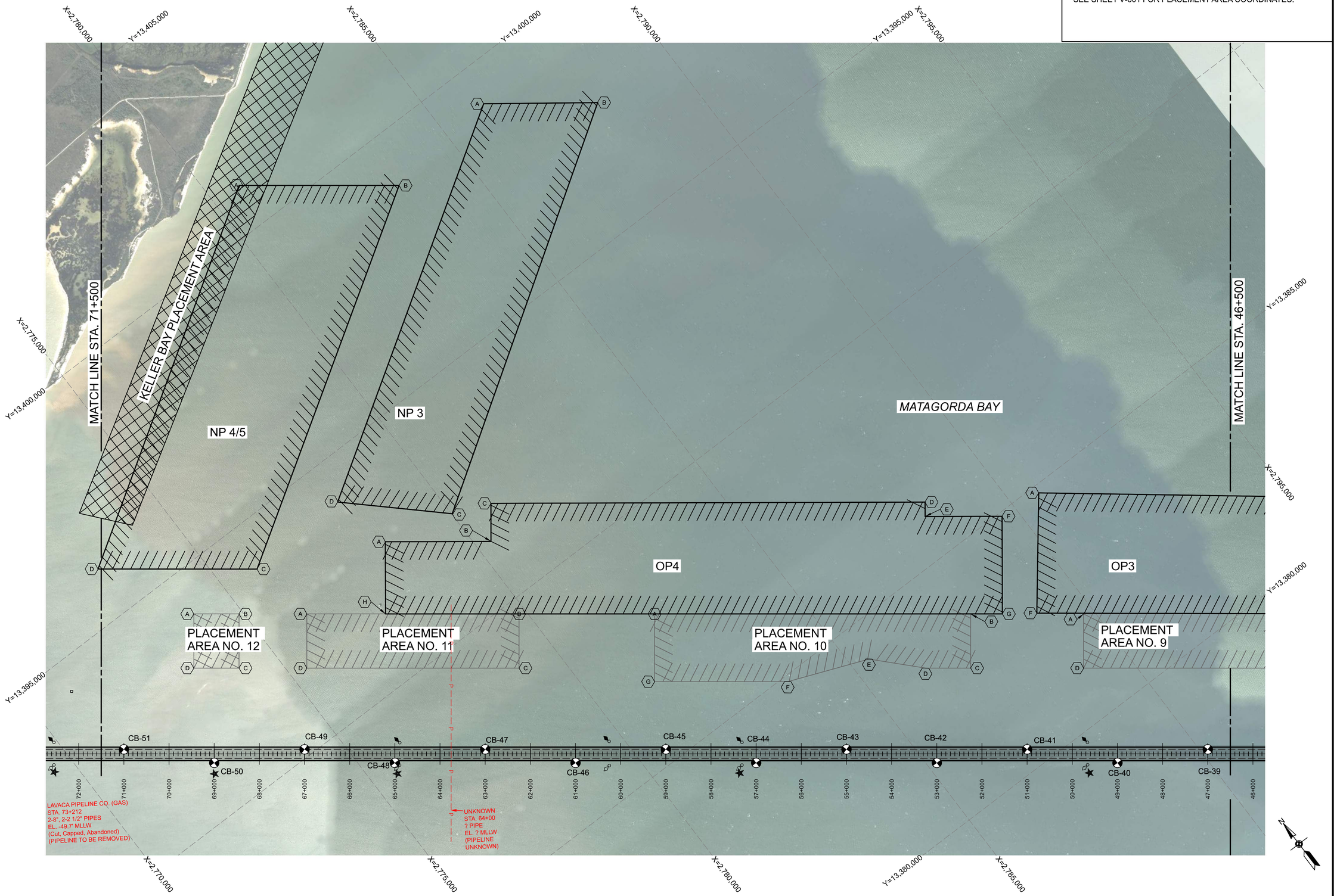
GENERAL SHEET NOTES

SEE SHEET V-601 FOR PLACEMENT AREA COORDINATES.



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DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: D. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 0799-0038
R. MARTIN B. REGINELLI, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Water Resources Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
PLAN
STA. 46+500 TO STA. 71+500

SHEET ID
CN103

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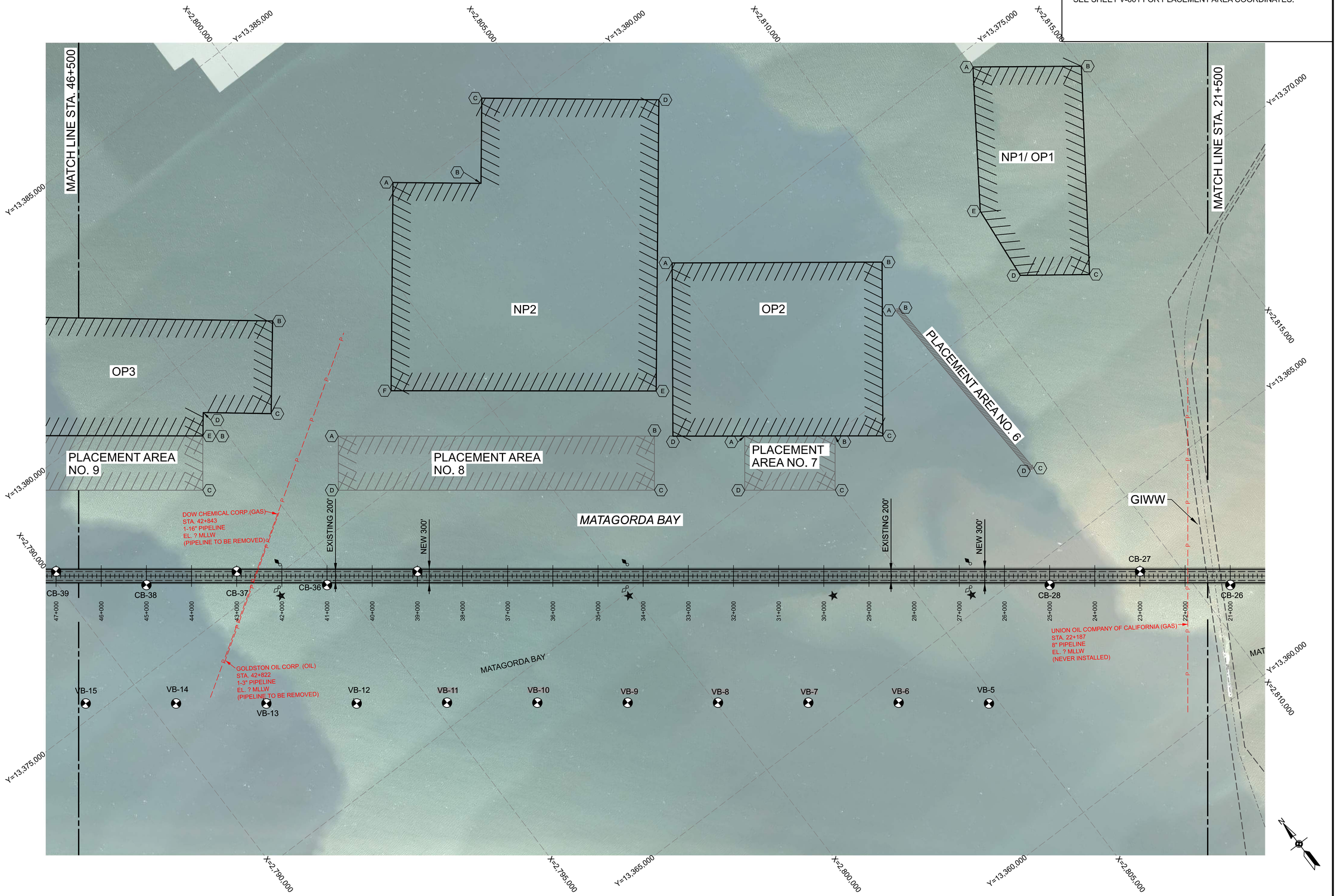
GENERAL SHEET NOTES

SEE SHEET V-601 FOR PLACEMENT AREA COORDINATES.



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DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: SZ. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 0799-0038
SZ. KERR, P.E. MARTIN B. REGUES, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Water Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
PLAN
STA. 21+500 TO STA. 46+500

SHEET ID
CN104

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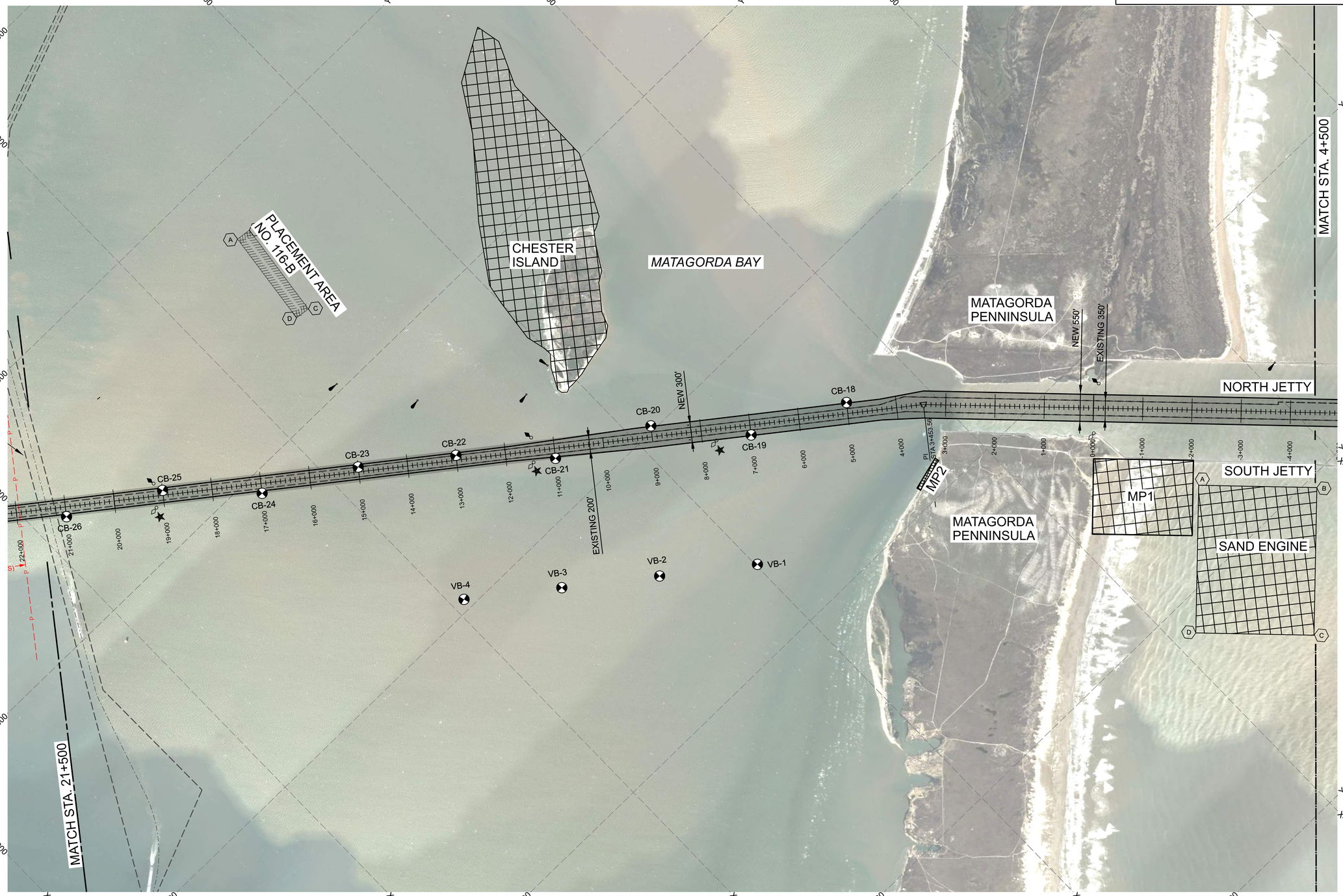
GENERAL SHEET NOTES

SEE SHEET V-601 FOR PLACEMENT AREA COORDINATES.



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DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: R. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
ANSI D	R. MARTIN B. REGIONAL P.E. CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Branch Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

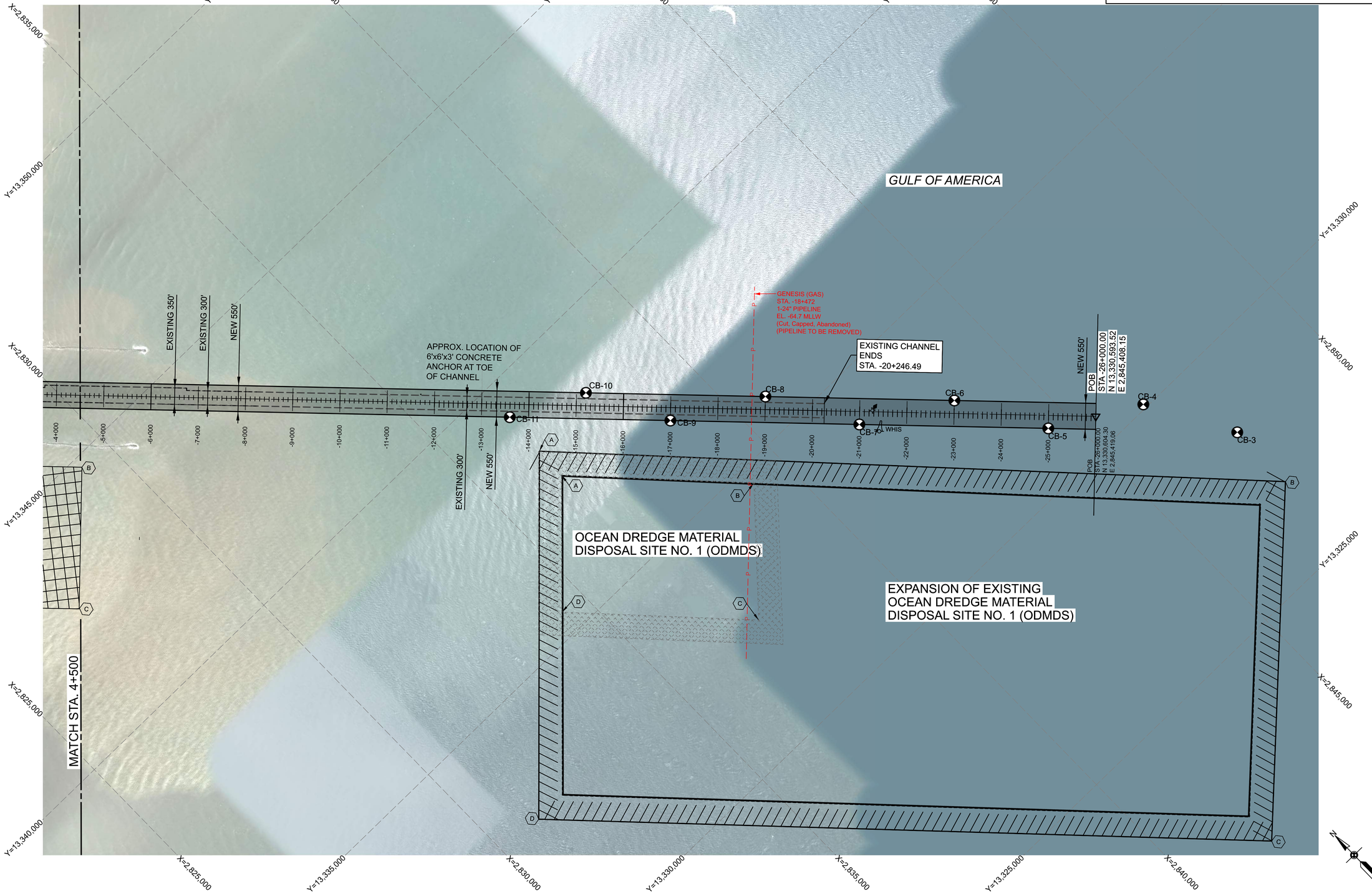
MATAGORDA SHIP CHANNEL
PLAN
STA. 4+500 TO STA. 21+500

SHEET ID
CN105

DQC REVIEW - NOT FOR CONSTRUCTION

GENERAL SHEET NOTES

1. SEE SHEET V-601 FOR PLACEMENT AREA COORDINATES.
2. ODMDS EXPANSION BY EPA.



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MARK	DESCRIPTION	DATE

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DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: J. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	SUPERVISED BY: MARTIN B. REGNIER, P.E. CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & WATER Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
PLAN
STA. -26+000 TO STA. 4+500

SHEET ID
CN106

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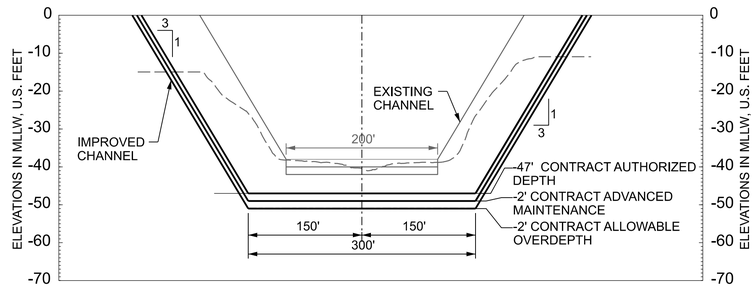
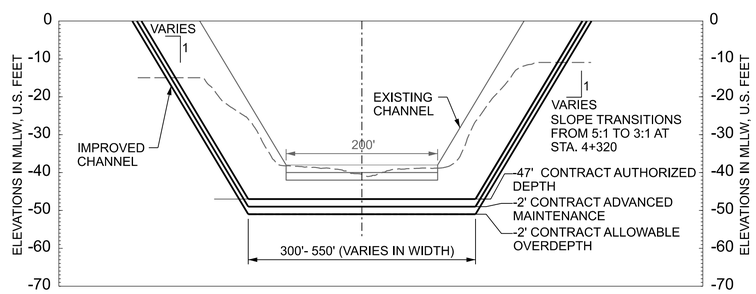
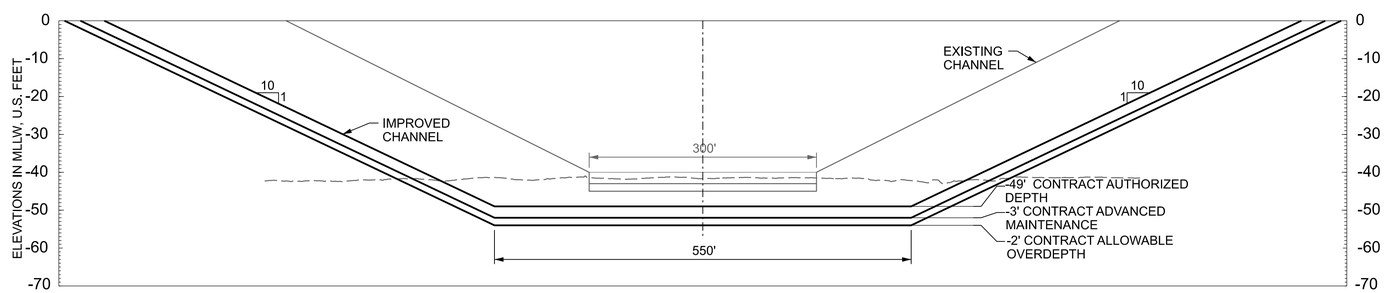


STA. 12+000 TO STA. 97+000
MAIN CHANNEL
TYPICAL CROSS SECTION

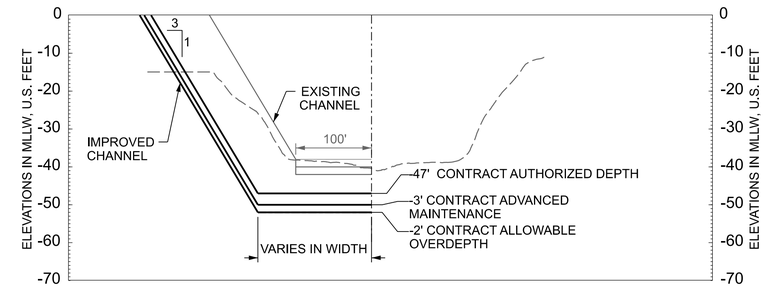
NOTE: TRANSITIONS FROM 300' BOTTOM WIDTH TO 400' BOTTOM WIDTH at STA. 94+000 to 97+000



STA. 0+000 TO STA. 12+000
TRANSITION TO MAIN CHANNEL
TYPICAL CROSS SECTION

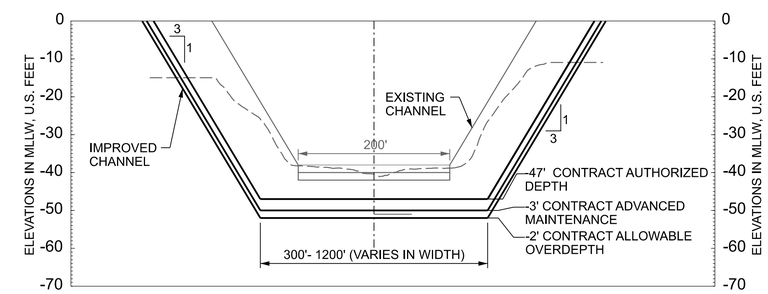


STA. -26+000 TO STA. 0+000
ENTRANCE CHANNEL
TYPICAL CROSS SECTION



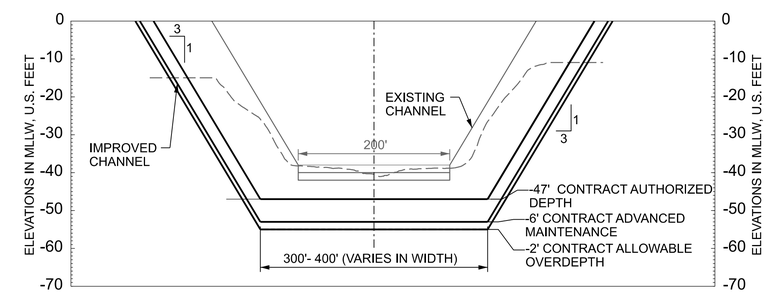
STA. 117+405 TO STA. 118+581
MAIN CHANNEL
TYPICAL CROSS SECTION

NOTE: BASIN IS SPLIT NORTH- SOUTH



STA. 108+000 TO STA. 117+405
MAIN CHANNEL
TYPICAL CROSS SECTION

NOTE: SEE NEW TURNING BASIN TYPICAL



STA. 97+000 TO STA. 108+000
MAIN CHANNEL
TYPICAL CROSS SECTION

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E.HUFF
CHECKED BY: G. JOHNSON
SUBMITTED BY: D. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 0799-0038
REVIEWED BY: J. MARTIN B. REGUES, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & ADVANCED MODELING BRANCH Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MAIN AND ENTRANCE CHANNELS
TYPICAL SECTIONS

SHEET ID
C-301

DQC REVIEW - NOT FOR CONSTRUCTION

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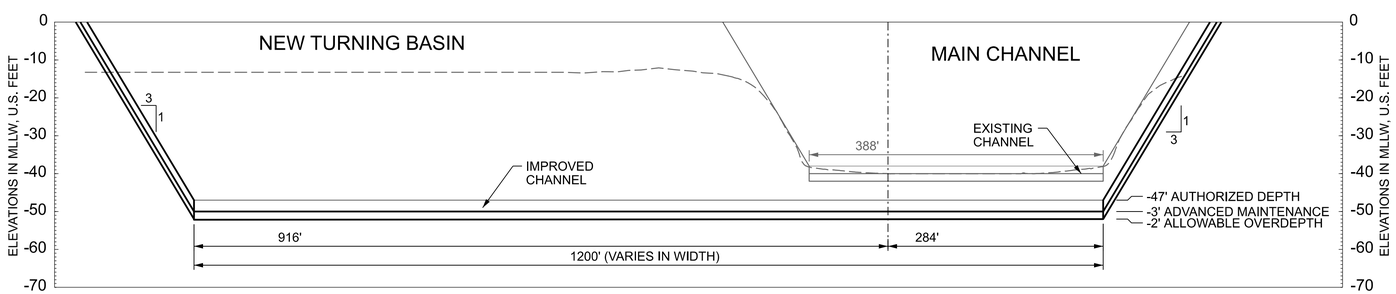

STA. 113+350 TO STA. 114+550
NEW CALHOUN TURNING BASIN
TYPICAL CROSS SECTION

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: D. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 0799-0038
REGIONAL P.E.: MARTIN B. REGNER, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & RADIO Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

EXISTING AND NEW TURNING BASINS
TYPICAL SECTIONS

SHEET ID
C-302

DQC REVIEW - NOT FOR CONSTRUCTION

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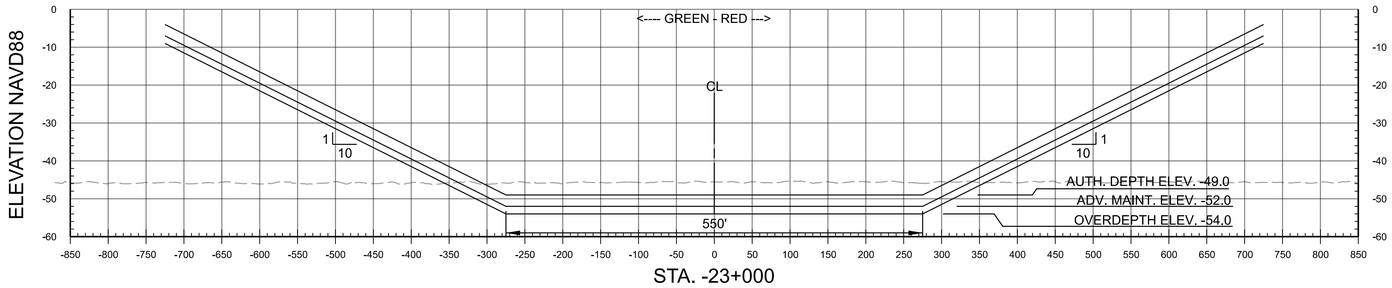
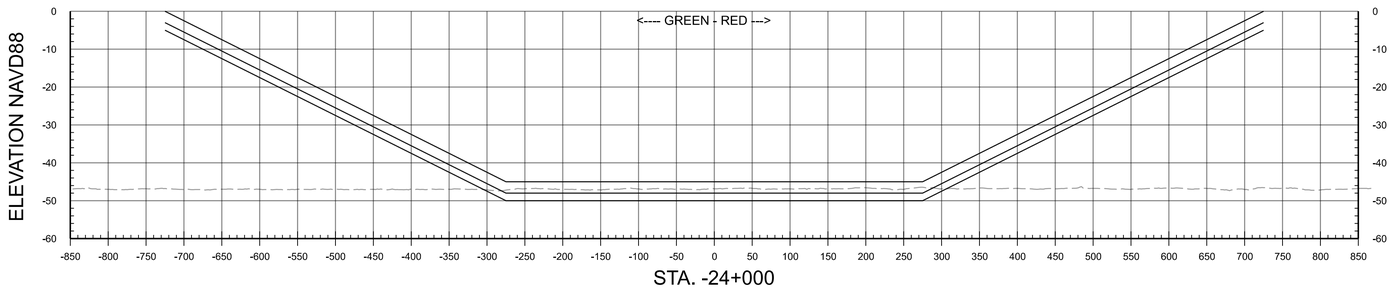


STA. -23+000



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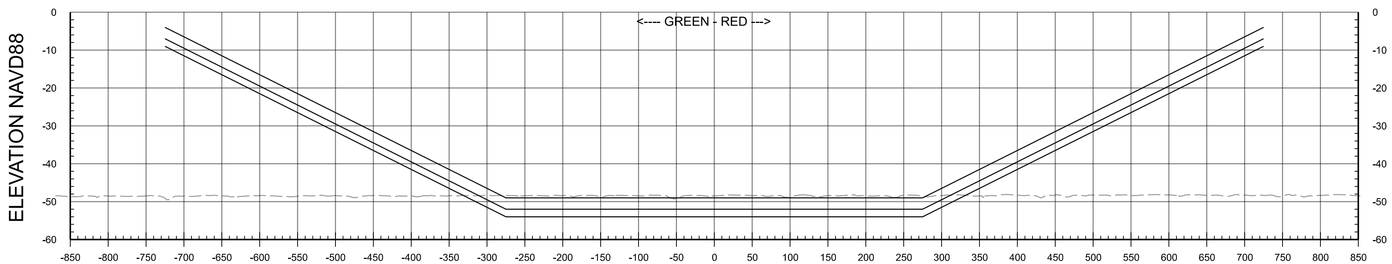
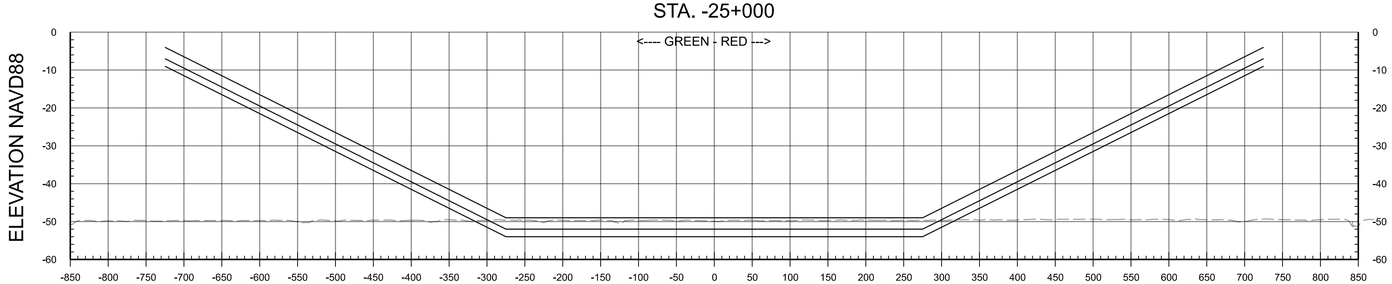
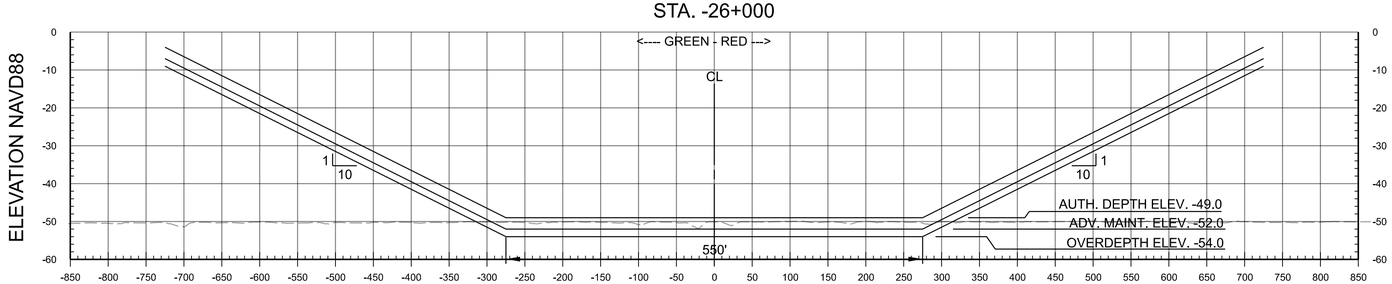


STA. -25+000



STA. -26+000



STA. -26+600

SOUTHER DREDGING LIMIT

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: S. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD_0799-0038
SIGNATURE: MARTIN B. REGUERO, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL BRANCH Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. -26+600 TO STA. -23+000

SHEET ID
CN301

DQC REVIEW - NOT FOR CONSTRUCTION

DS: AEC_Screen_FullSize.dscript ...\0700-GUAD_Matagorda\...\0799-0038\...\CN301_XSEC.dgn
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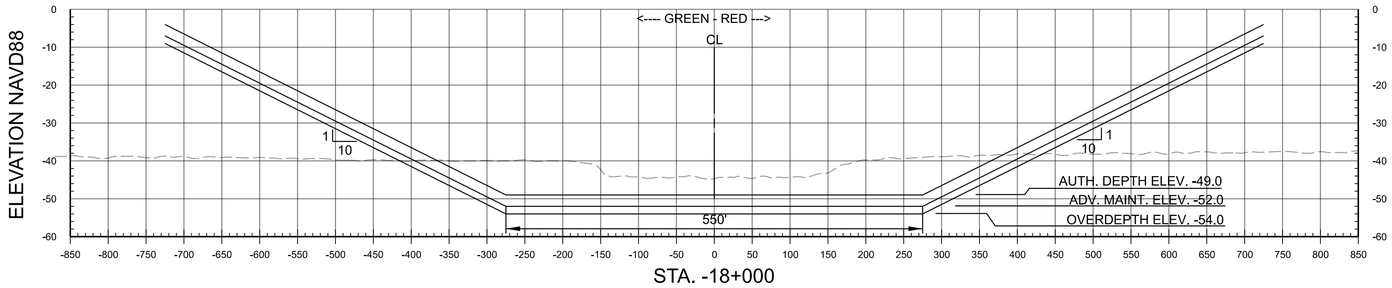

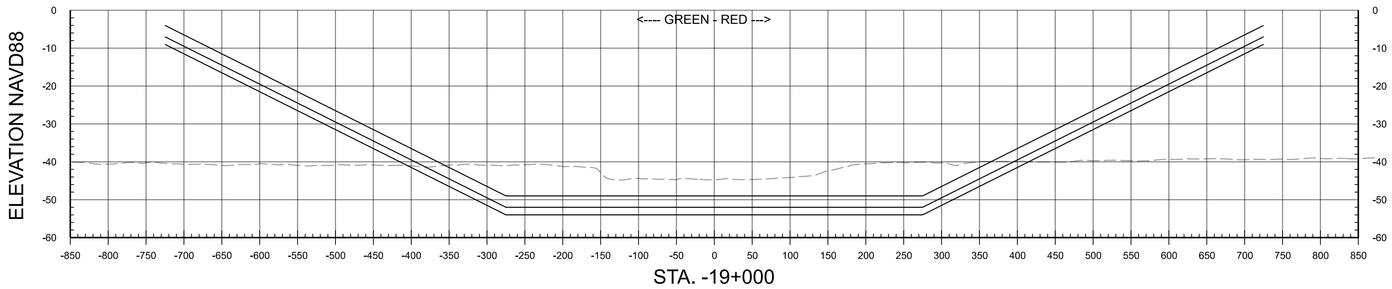

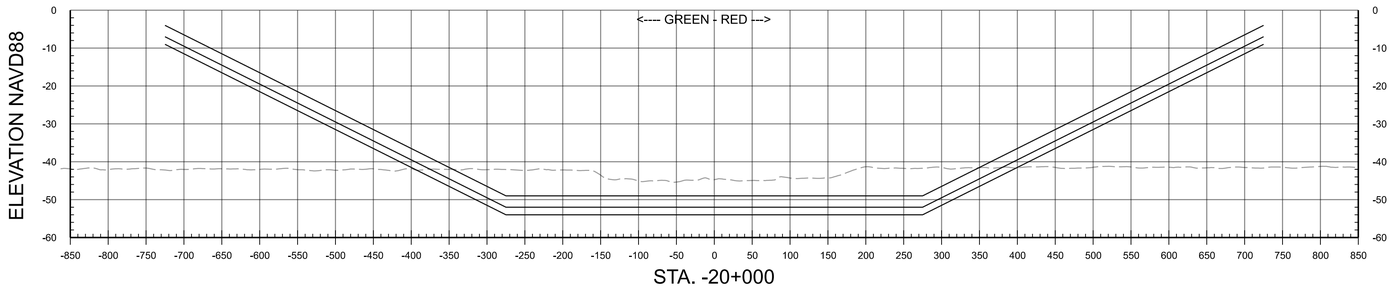

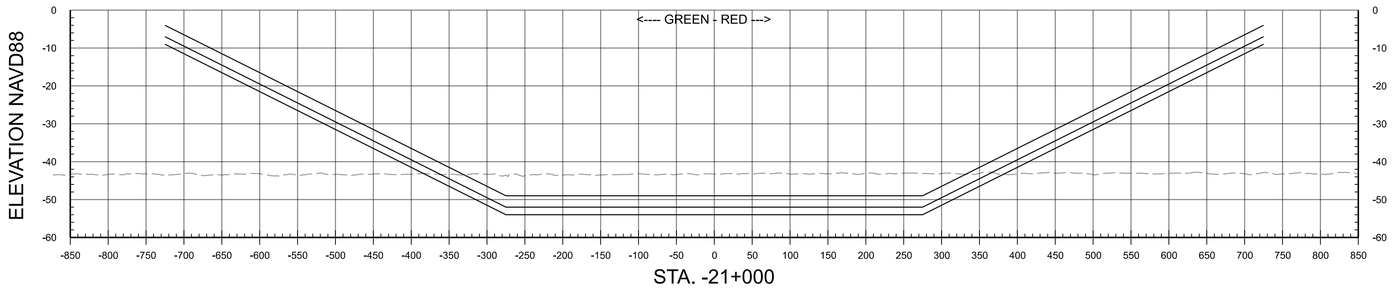

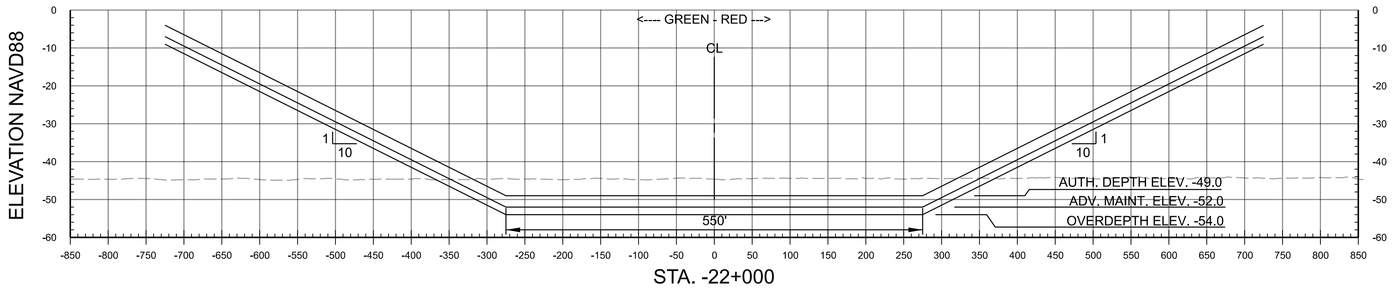

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DS: AEC_Screen_FullSize.dscript ...\0700-GUAD_Matagorda\...\0799-0038\...\CN302_XSEC.dgn
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U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial & Water Advanced Modeling Section

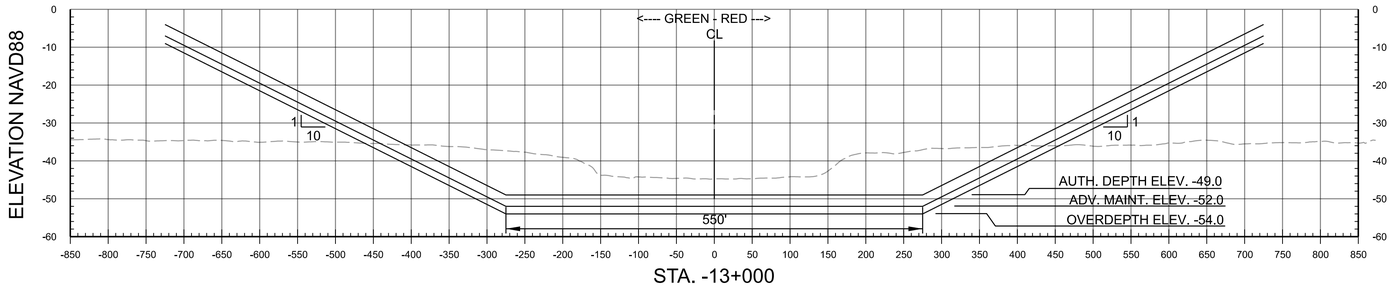
DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: P. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	SUPERVISED BY: MARTIN B. REGNIER, P.E. CHIEF, GENERAL ENGINEERING BR.

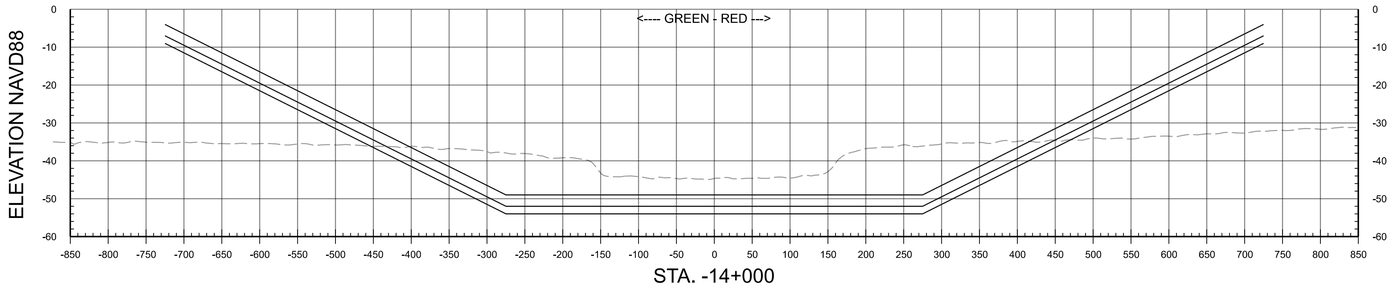
MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

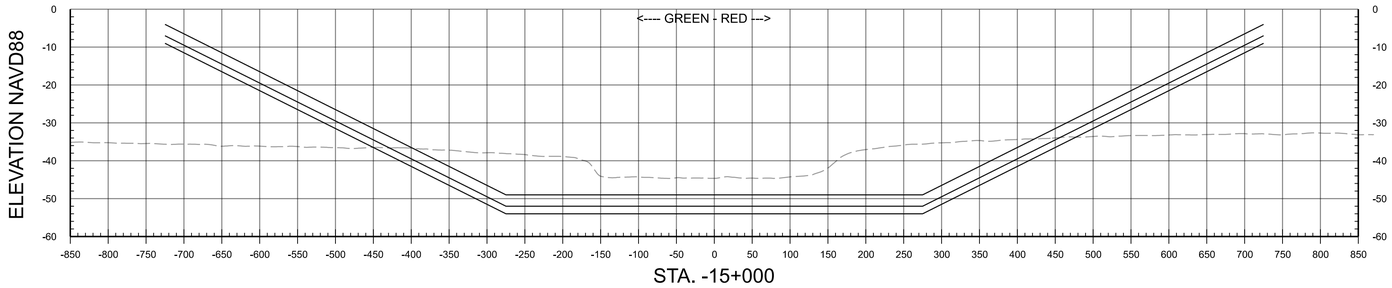
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. -22+000 TO STA. -18+000

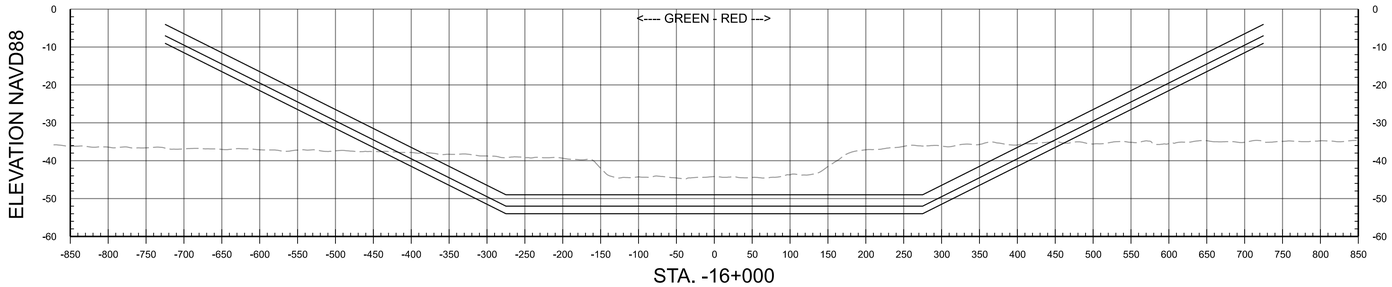
SHEET ID
CN302

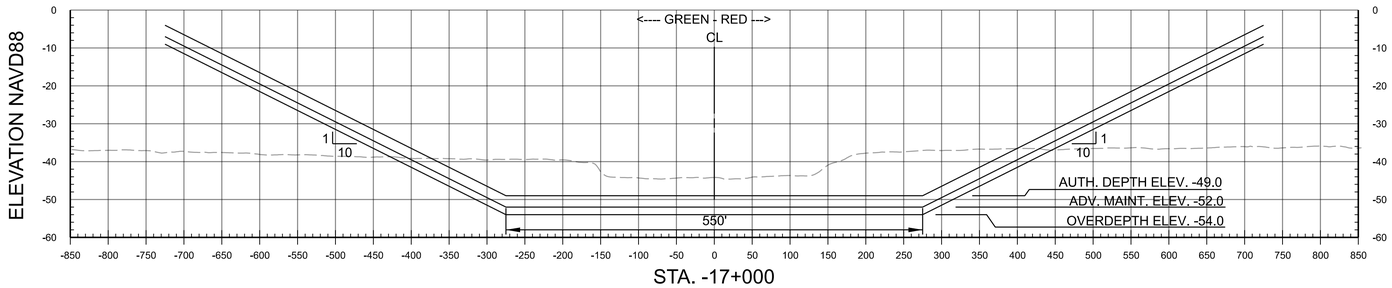
DQC REVIEW - NOT FOR CONSTRUCTION











H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL BRANCH Advanced Modeling Section

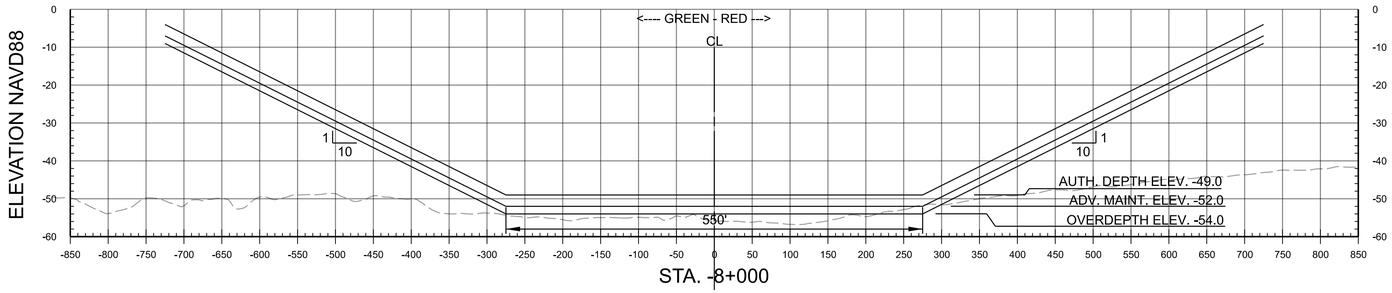
DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: J. KERR, P.E.	SWG FILE NO.: GUAD_0799-0038
SIZE: ANSI D	SUPERVISED BY: MARTIN B. REGNIER, P.E. CHIEF, GENERAL ENGINEERING BR.

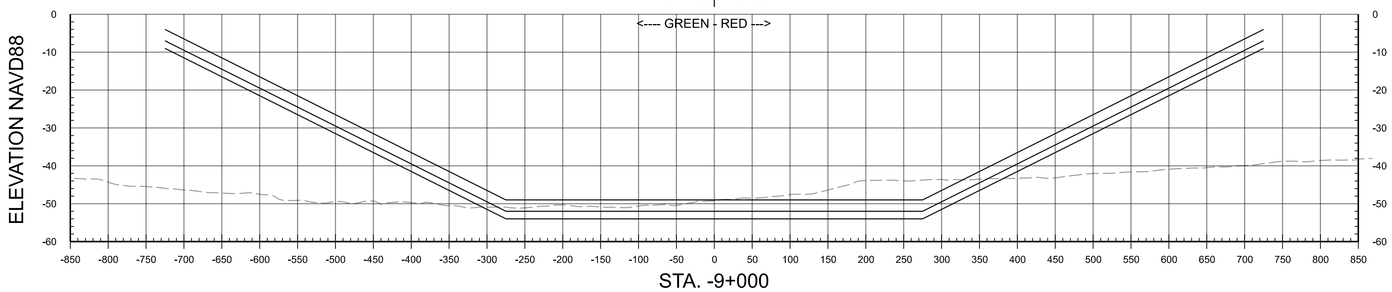
MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

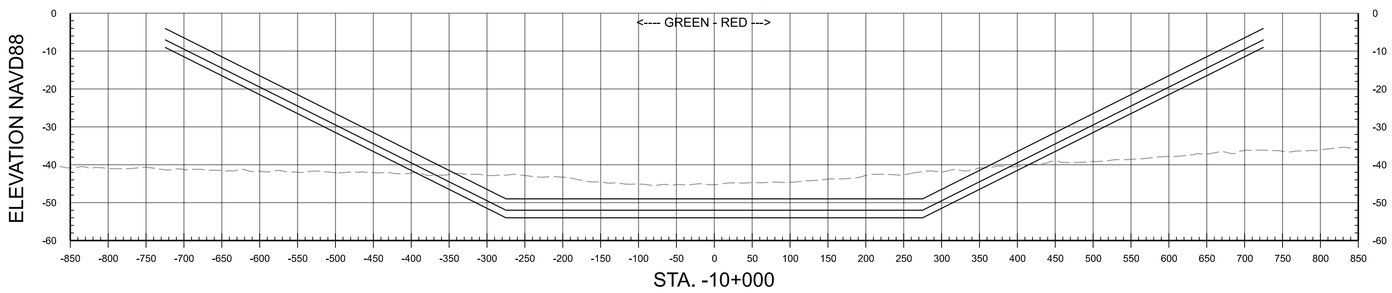
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. -17+000 TO STA. -13+000

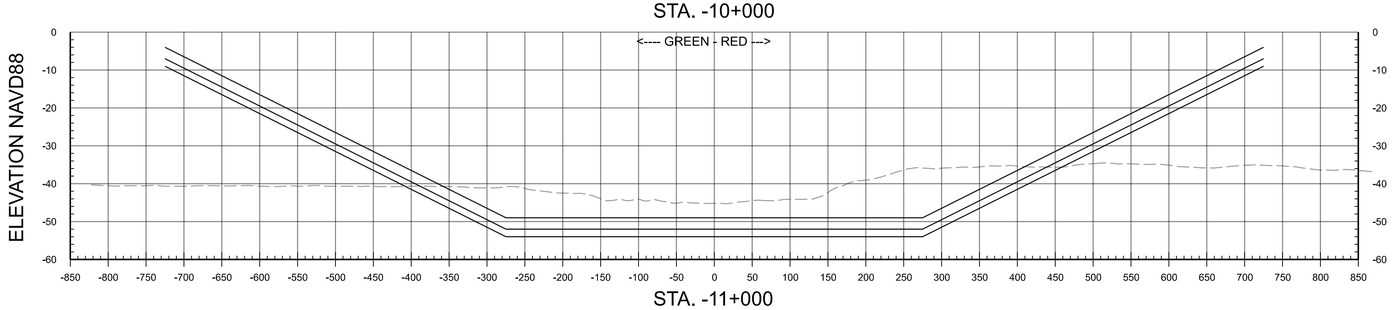
SHEET ID
CN303

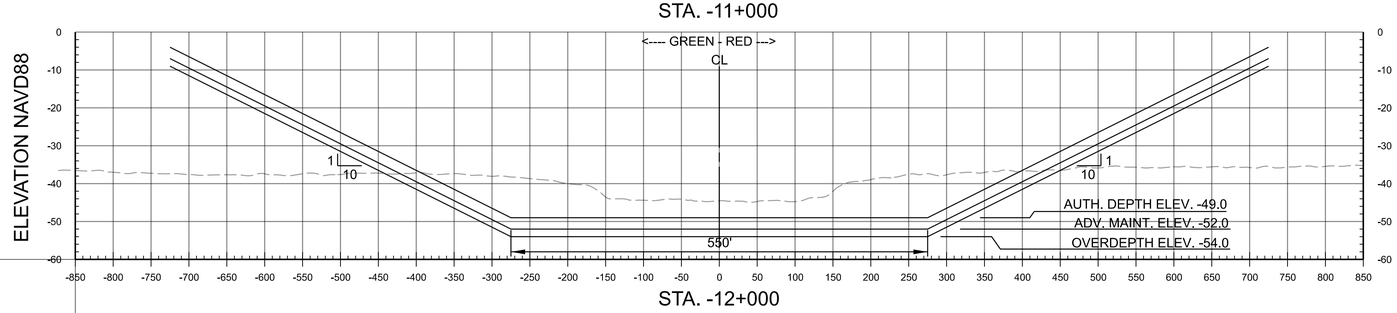
DQC REVIEW - NOT FOR CONSTRUCTION











H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: G. JOHNSON
SUBMITTED BY: S. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038
REVIEWED BY: MARTIN B. REGNIER, P.E. CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. -12+000 TO STA. -8+000

SHEET ID
CN304

DQC REVIEW - NOT FOR CONSTRUCTION

DS: AEC_Screen_FullSize.dscript ...\0700-GUAD_Matagorda\...\0799-0038\...\CN304_XSEC.dgn
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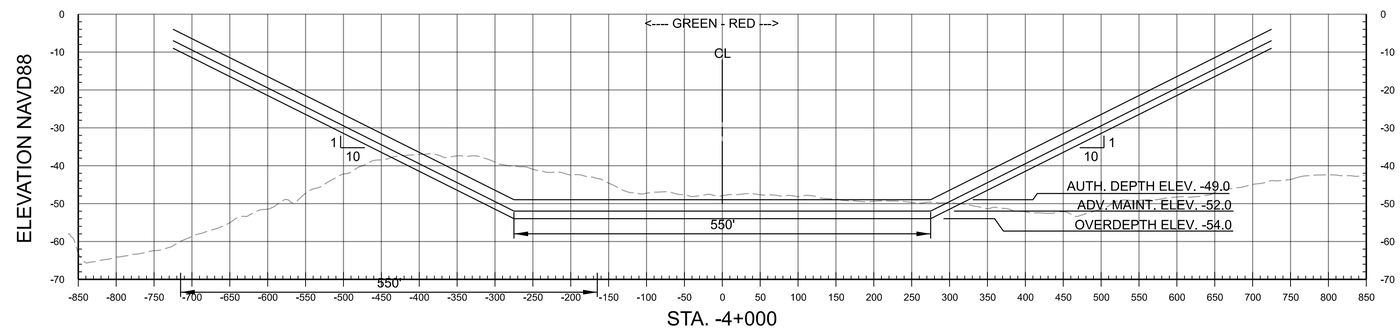

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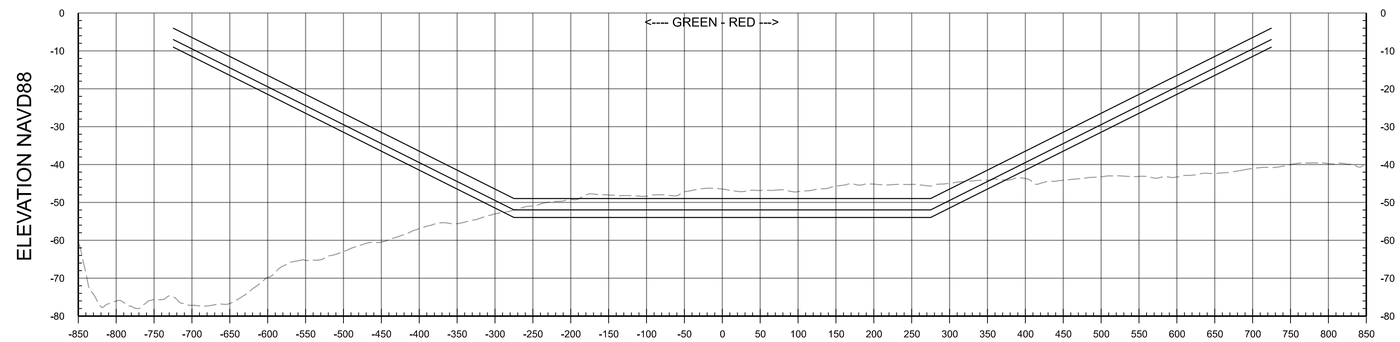

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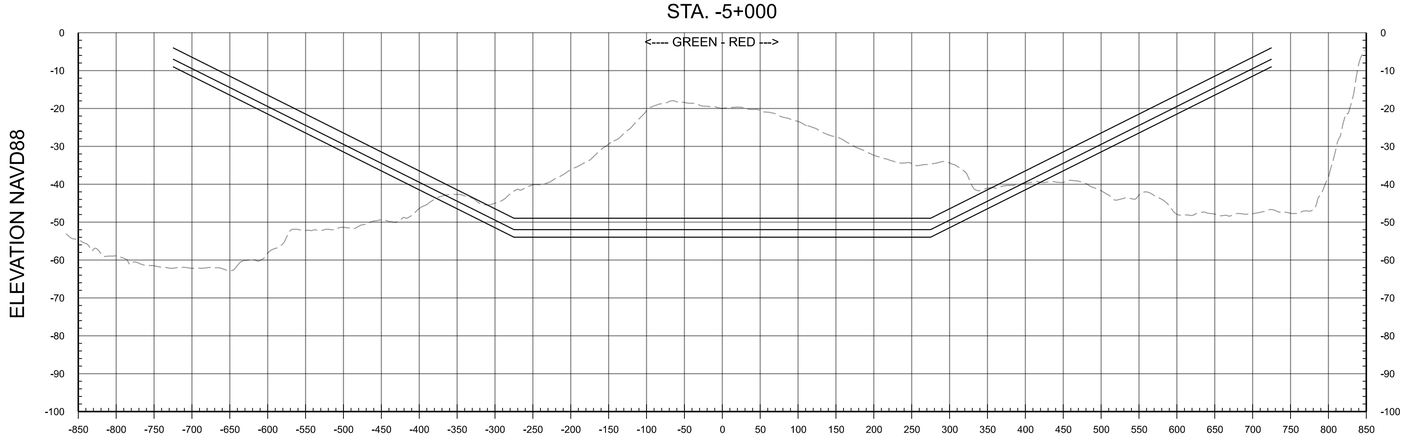
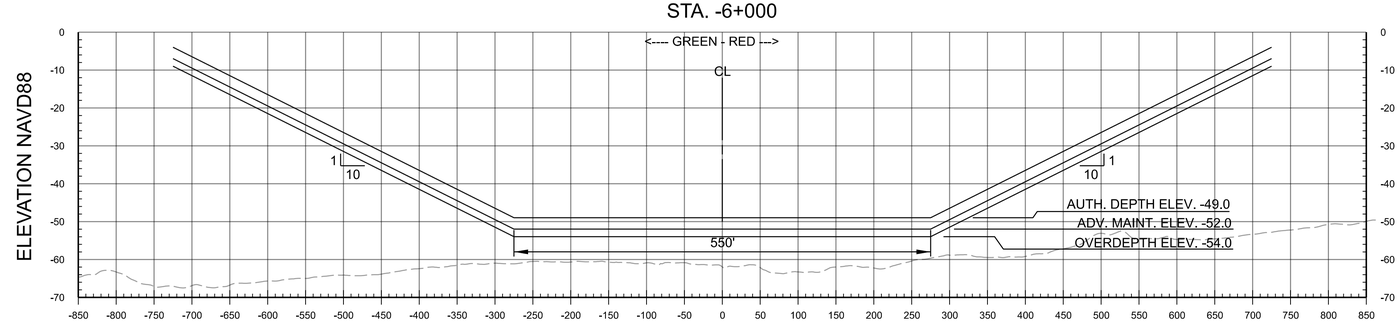


STA. -6+000



STA. -7+000

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DS: AEC_Screen_FullSize.dscript ...\0700-GUAD_Matagorda\...\0799-0038\...\CN305_XSEC.dgn
PD: AEC_pdf.pltcfg 7:27:46 AM 10/30/2025

DESIGNED BY: J. GARRETT P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: P. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	APPROVED BY: MARTIN B. REGNIER, P.E. CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

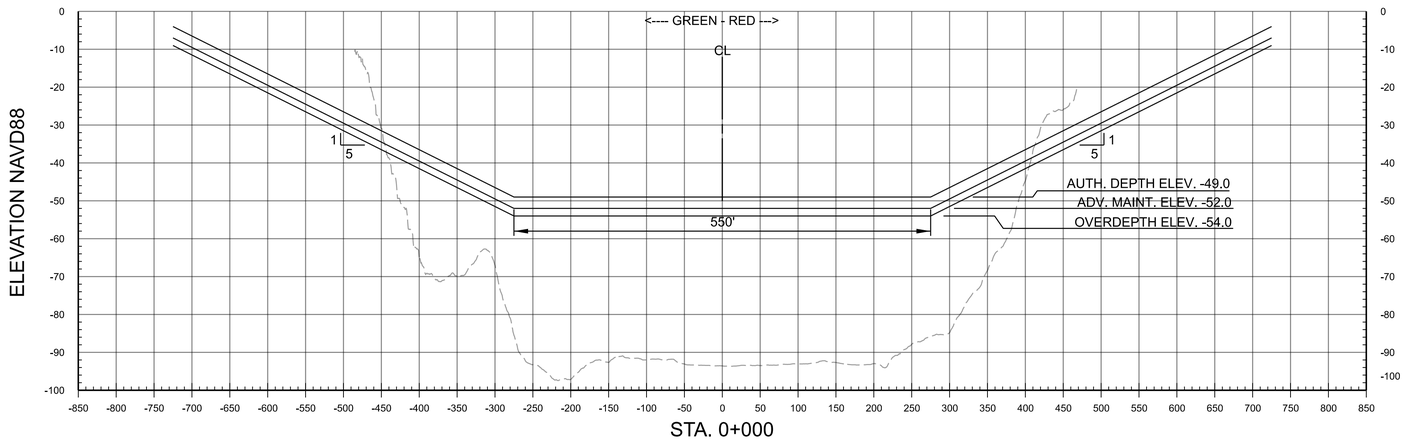
SWG GEOSPATIAL & RANGE Advanced Modeling Section

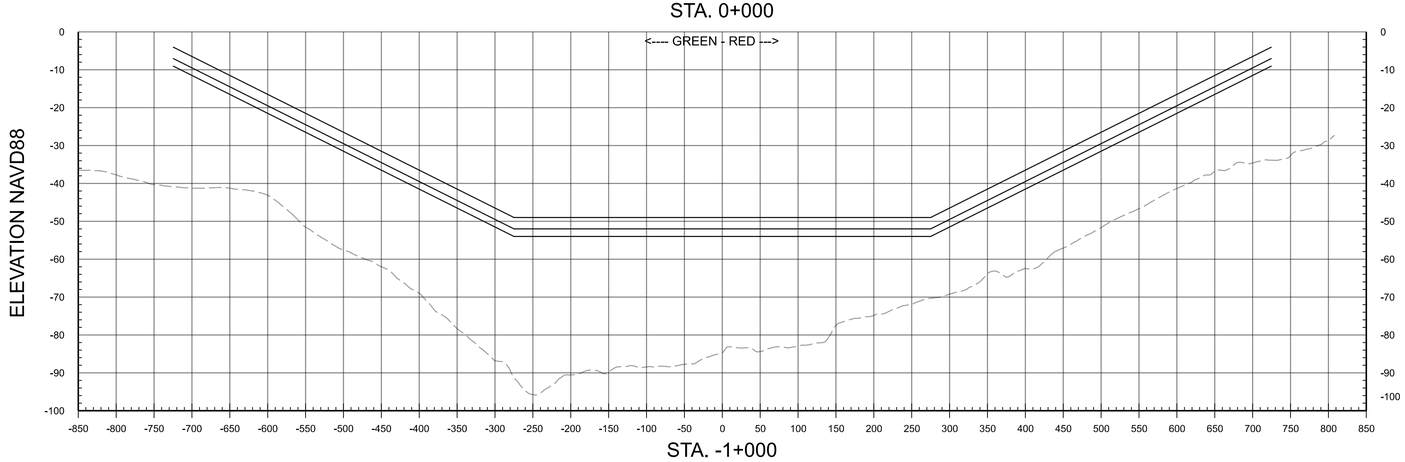
MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

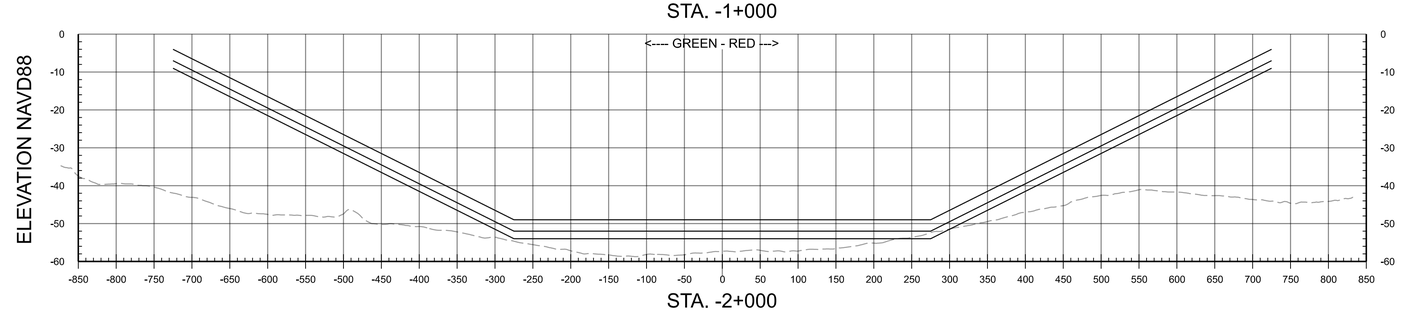
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. -7+000 TO STA. -4+000

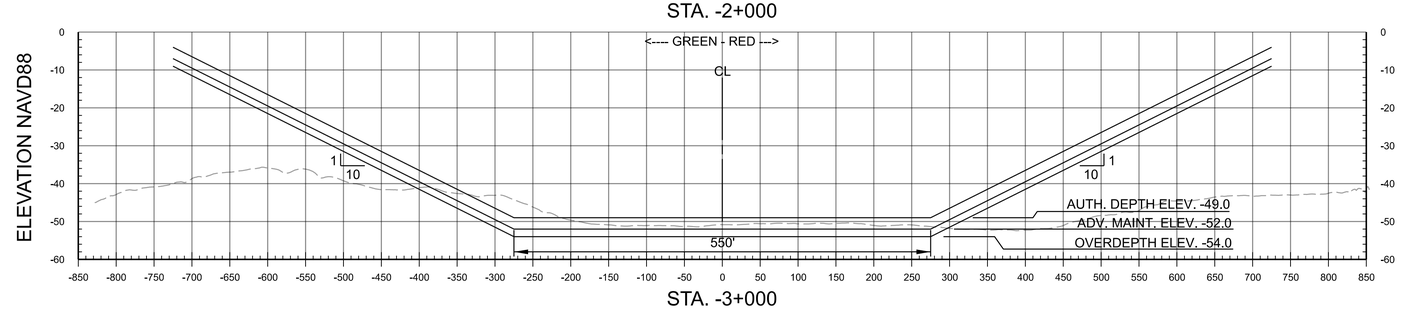
SHEET ID
CN305

DQC REVIEW - NOT FOR CONSTRUCTION









H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DS: AEC_Screen_FullSize.dscript ...\0700-GUAD_Matagorda\...\0799-0038\...\CN306_XSEC.dgn
PD: AEC_pdf.pltcfg 7:27:48 AM 10/30/2025

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Water Advanced Modeling Section

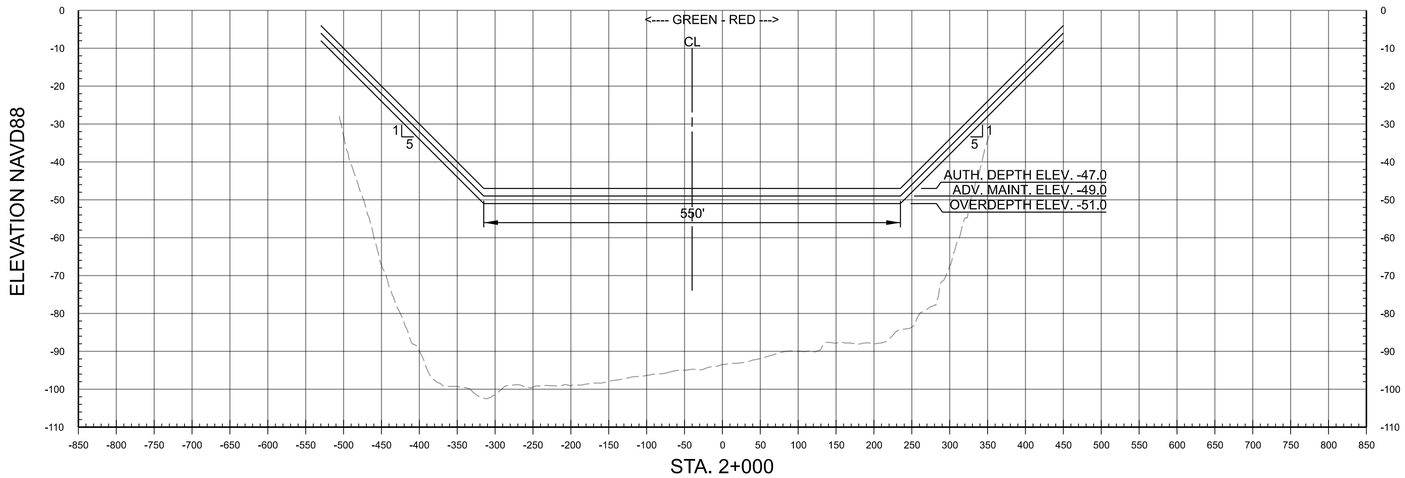
DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: A. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	REVIEWED BY: MARTIN B. REGUES, P.E. CHIEF, GENERAL ENGINEERING BR.

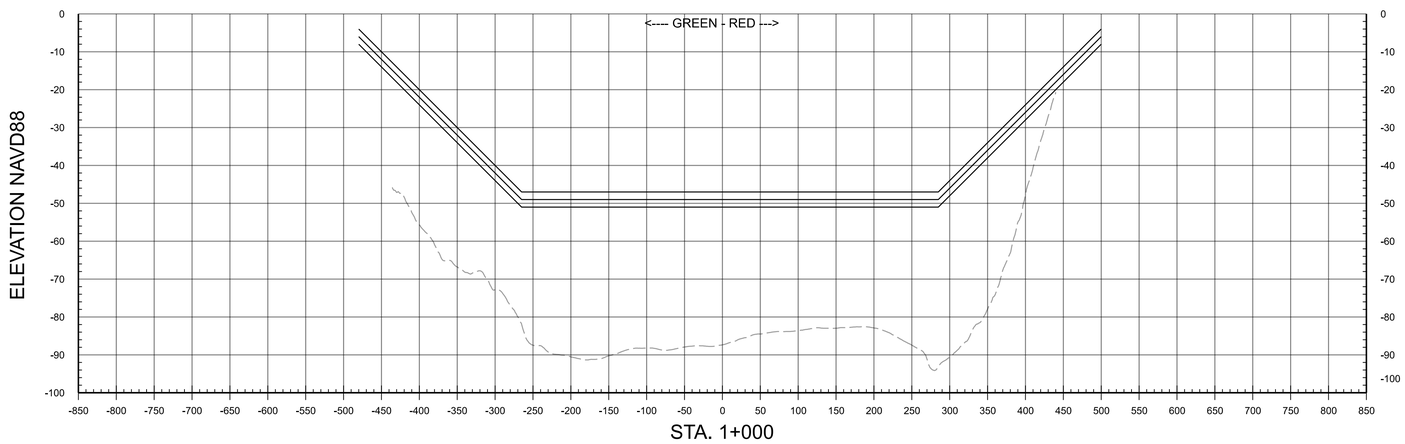
MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

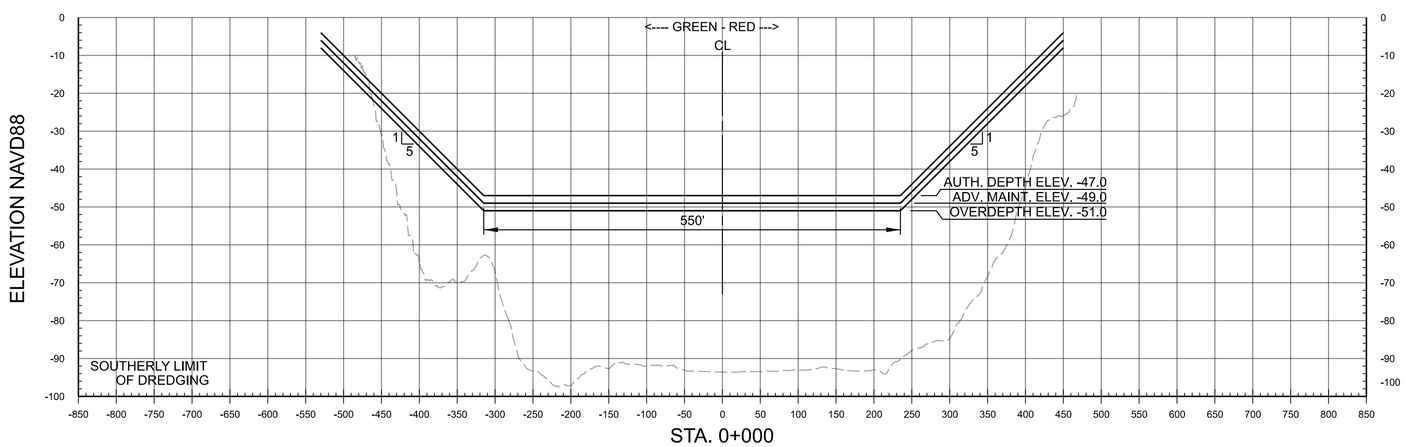
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. -3+000 TO STA. 0+000

SHEET ID
CN306

DQC REVIEW - NOT FOR CONSTRUCTION







H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DS: AEC_Screen_FullSize.dscript ...\0700-GUAD_Matagorda\...\0799-0038\...\CN307_XSEC.dgn
PD: AEC_pdf.pltcfg 7:27:49 AM 10/30/2025

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

GEOSPATIAL BRANCH
Advanced Modeling Section

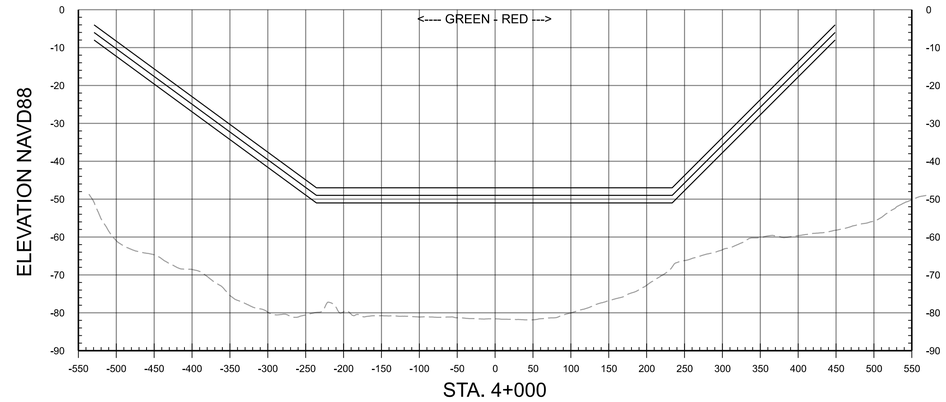
DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: G. JOHNSON	CONTRACT NO.:
SUBMITTED BY: J. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	SCALE: NOT TO SCALE
MARTIN B. REGUES, P.E. CHIEF, GENERAL ENGINEERING BR.	

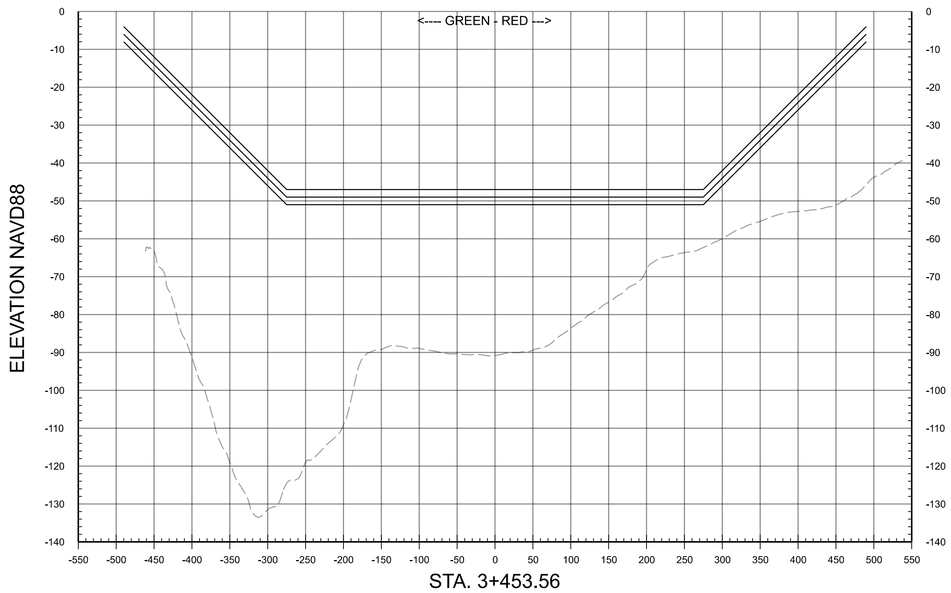
MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

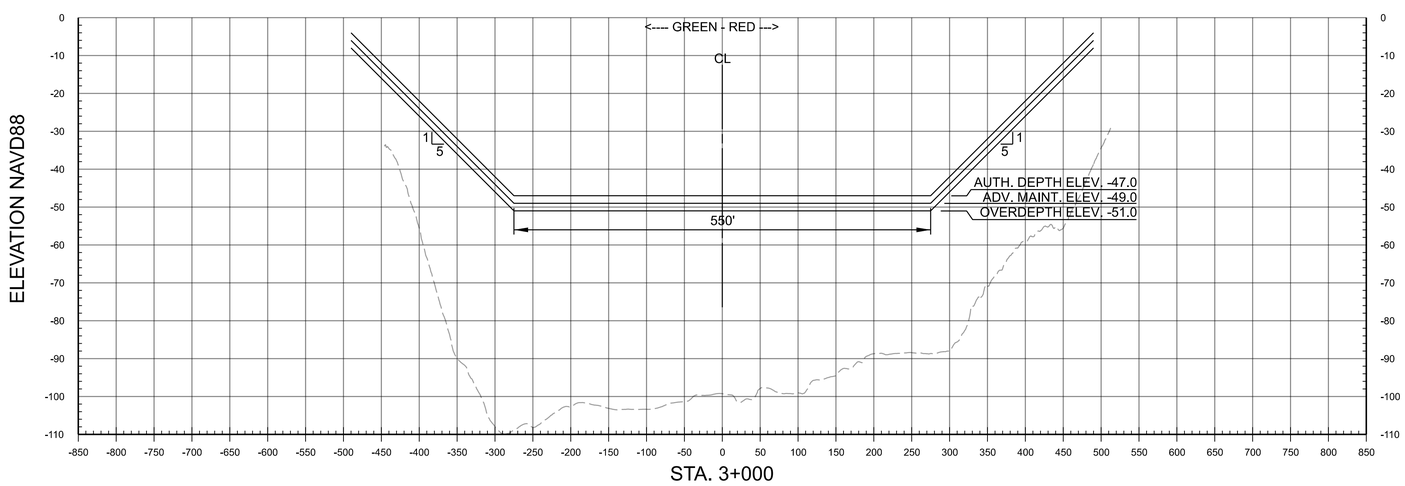
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 0+000 TO STA. 24+000

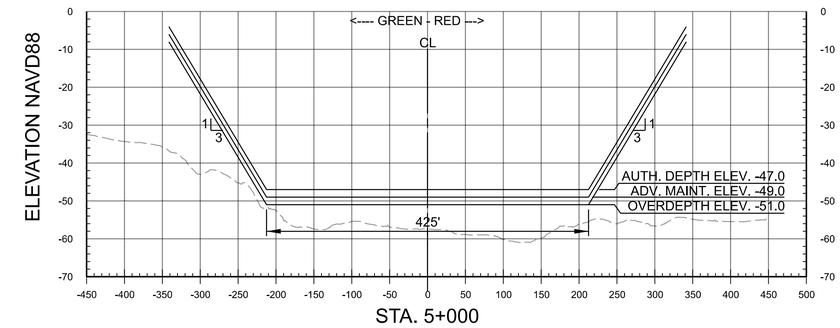
SHEET ID
CN307

DQC REVIEW - NOT FOR CONSTRUCTION









H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 0799-0038
REVIEWED BY: MARTIN B. REGUES, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & WATER Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 3+000 TO STA. 5+000

SHEET ID
CN308

DQC REVIEW - NOT FOR CONSTRUCTION

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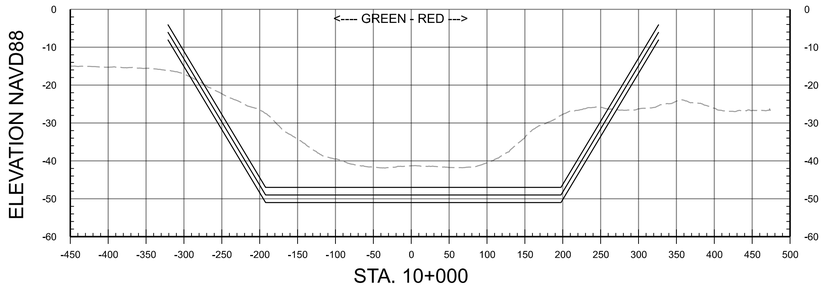

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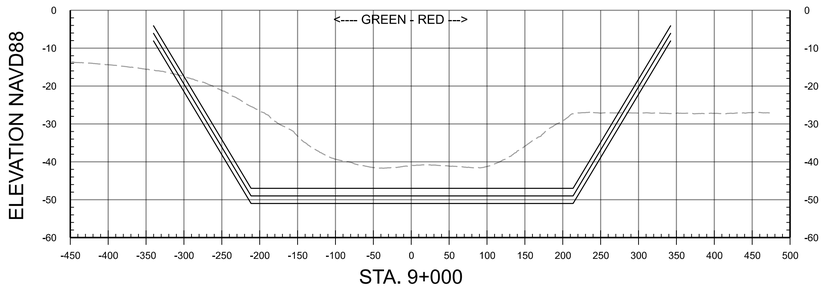

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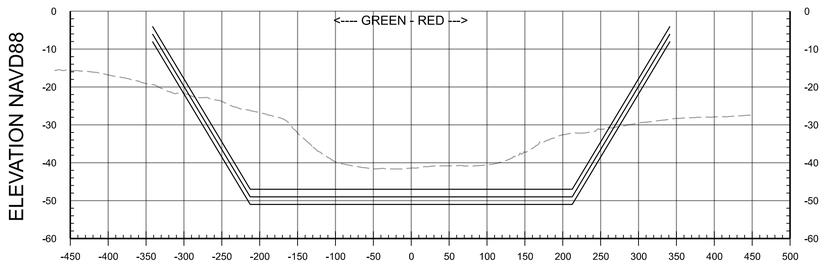

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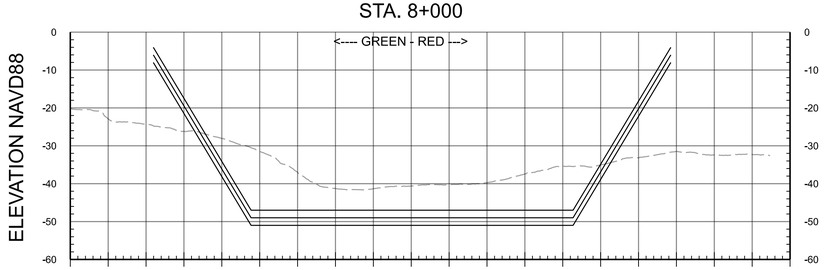

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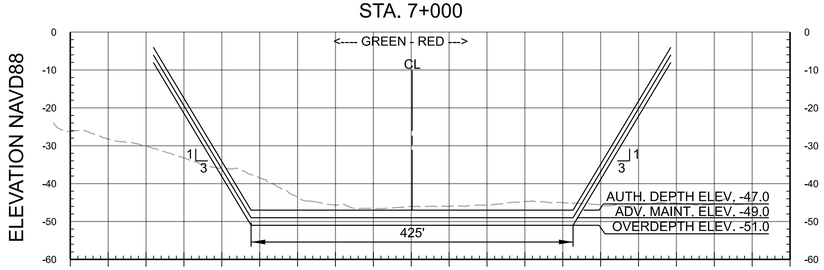

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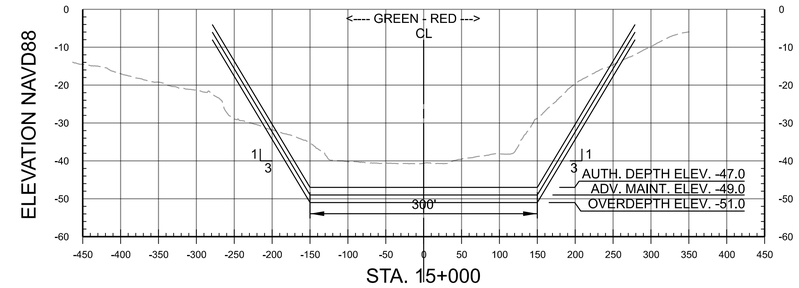

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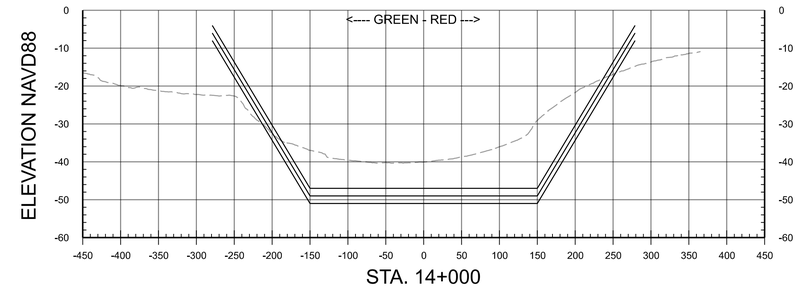

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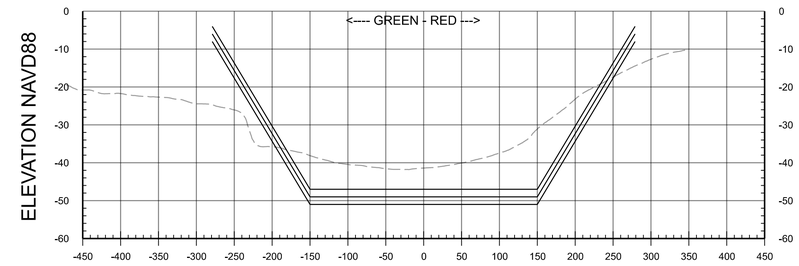

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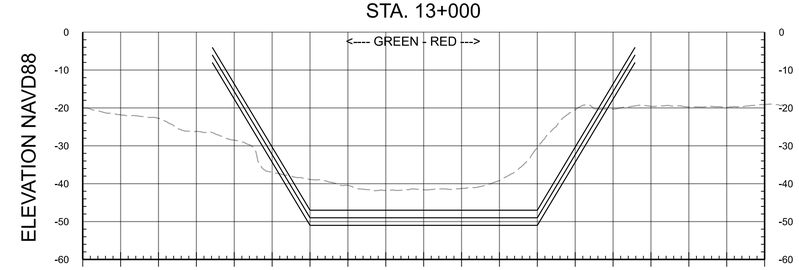

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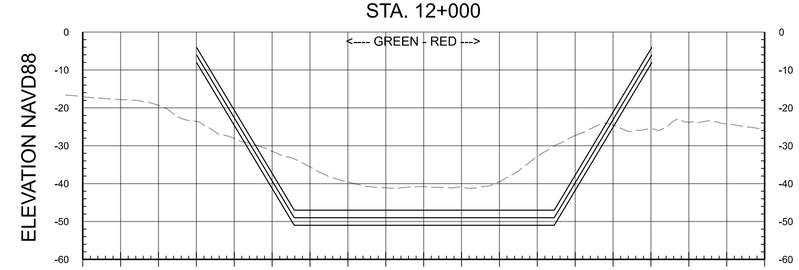

STA. 11+000

H 100 200 300
SCALE IN FEET

V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: G. JOHNSON
SUBMITTED BY: R. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD_0799-0038
REVIEWED BY: MARTIN B. REGUERO, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & ENGINEERING Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 6+000 TO STA. 15+000

SHEET ID
CN309

DQC REVIEW - NOT FOR CONSTRUCTION

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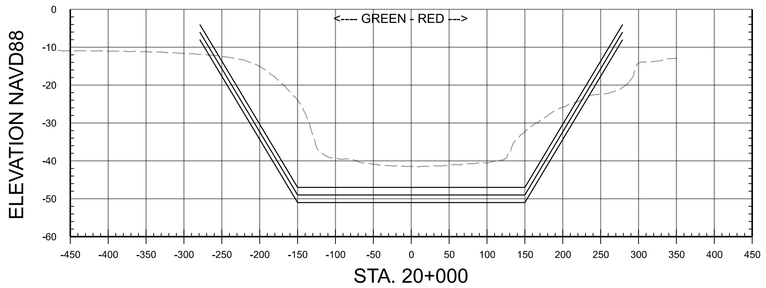

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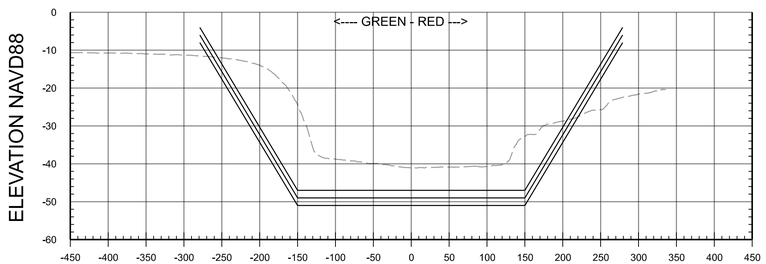

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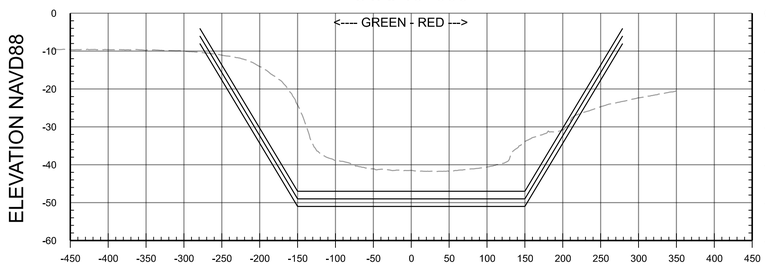

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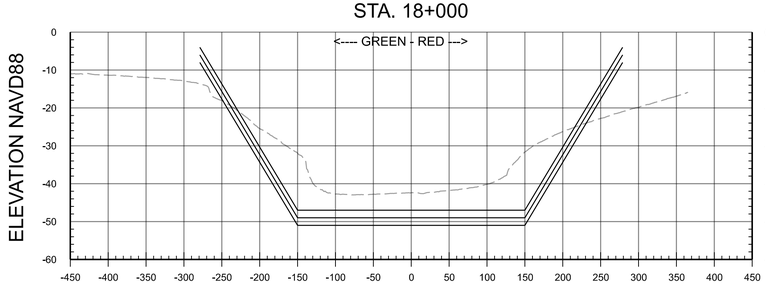

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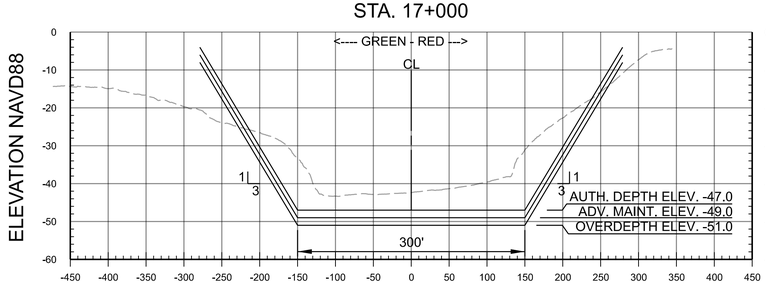

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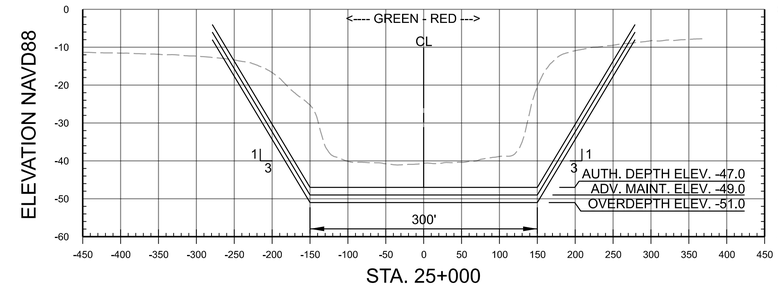

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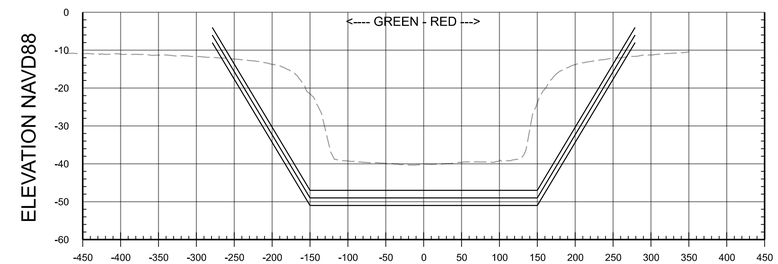

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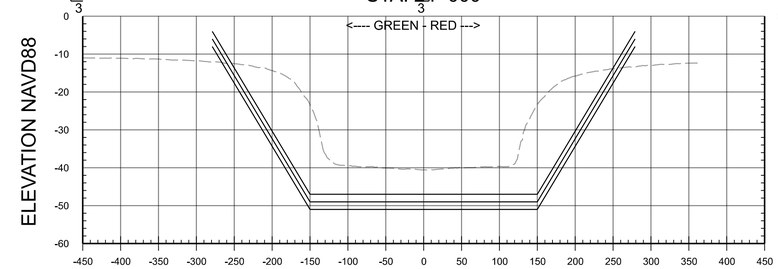

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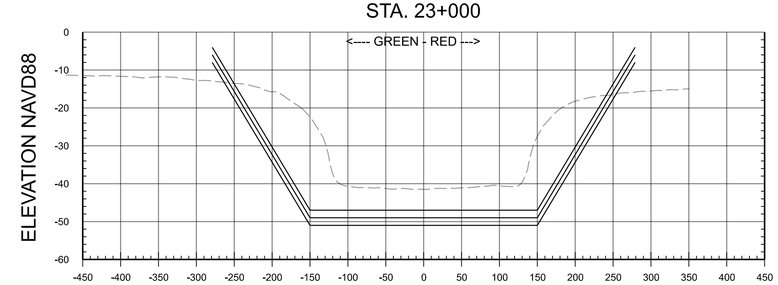

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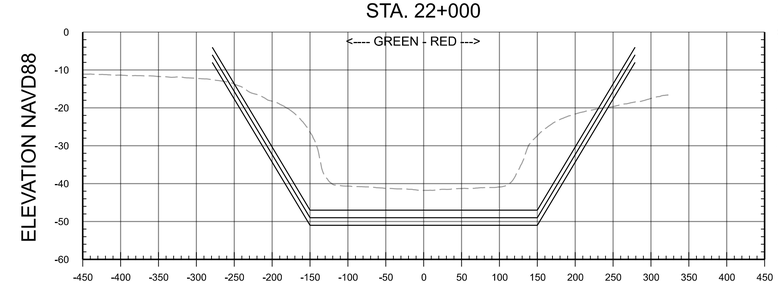

STA. 21+000

H 100 200 300
SCALE IN FEET

V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038
REVIEWED BY: MARTIN B. REGUER, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & ENGINEERING Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 16+000 TO STA. 25+000

SHEET ID
CN310

DQC REVIEW - NOT FOR CONSTRUCTION

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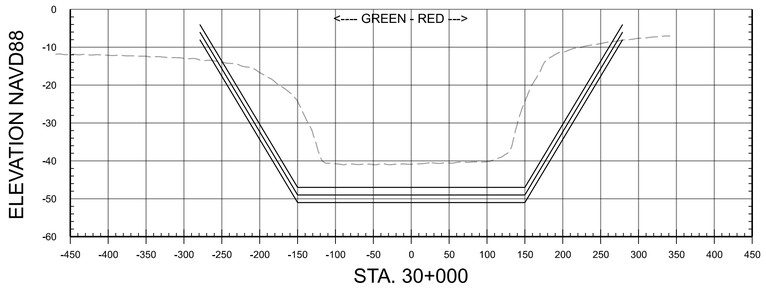

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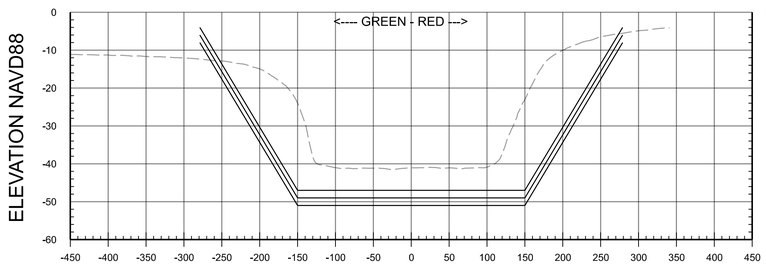

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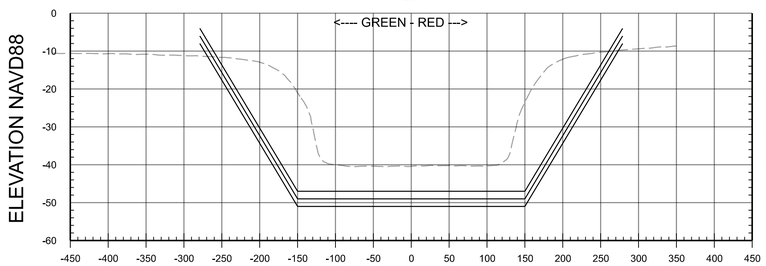

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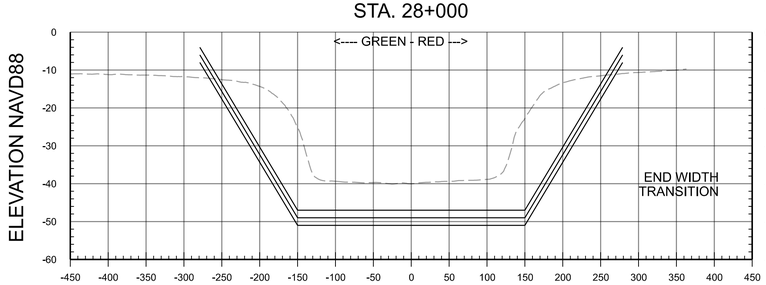

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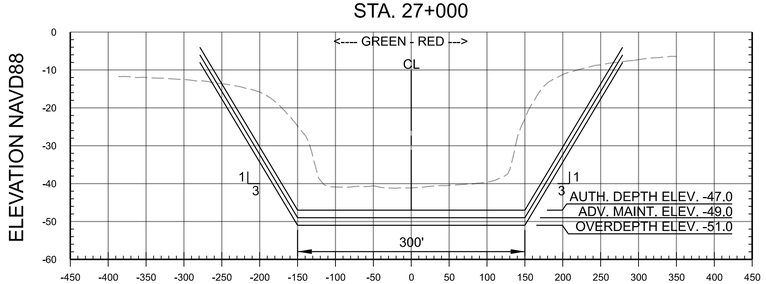

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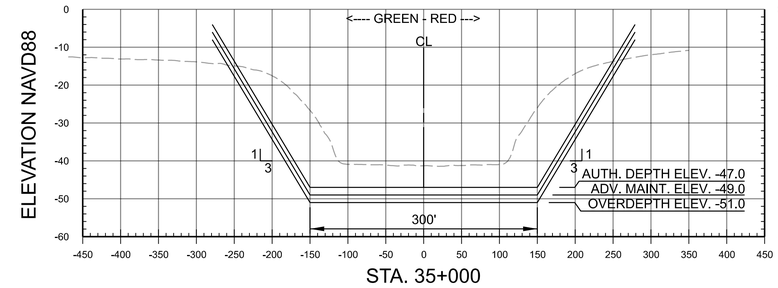

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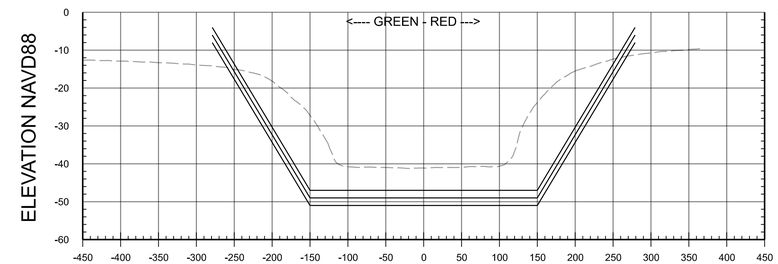

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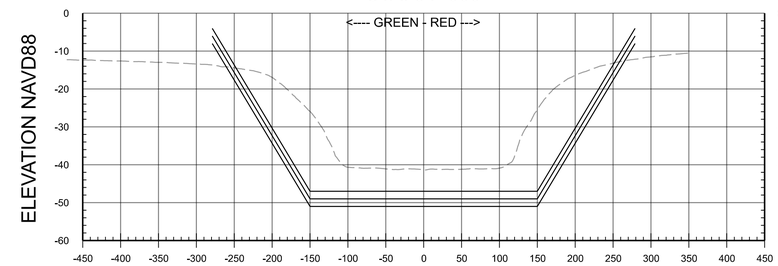

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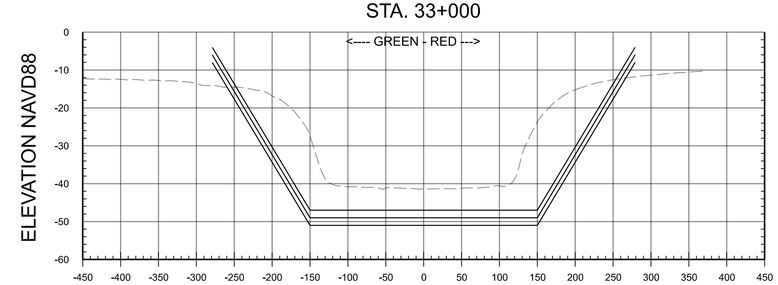

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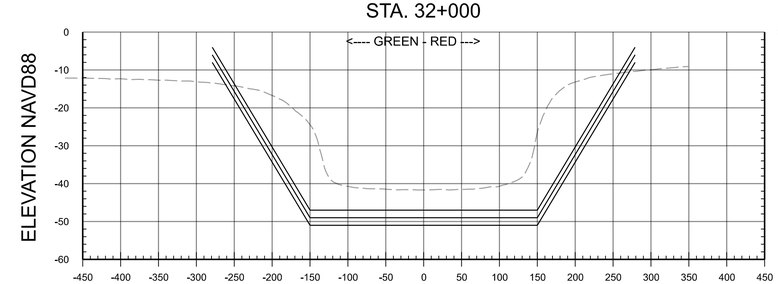

STA. 31+000

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038
MARTIN B. REGUERO, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG
GEOSPATIAL & ENGINEERING
Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 26+000 TO STA. 35+000

SHEET ID
CN311

DQC REVIEW - NOT FOR CONSTRUCTION

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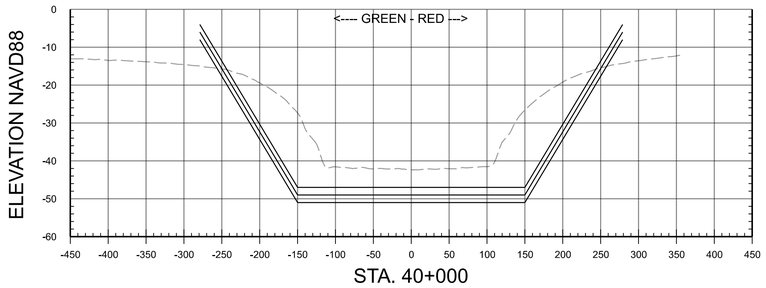

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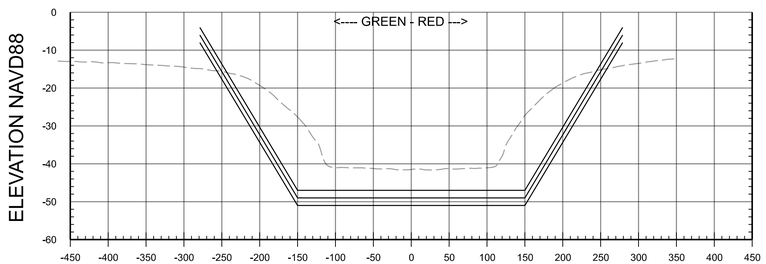

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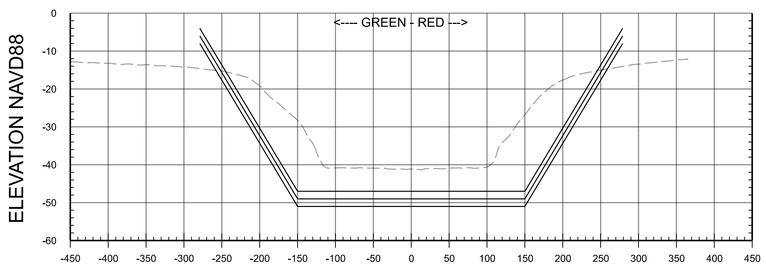

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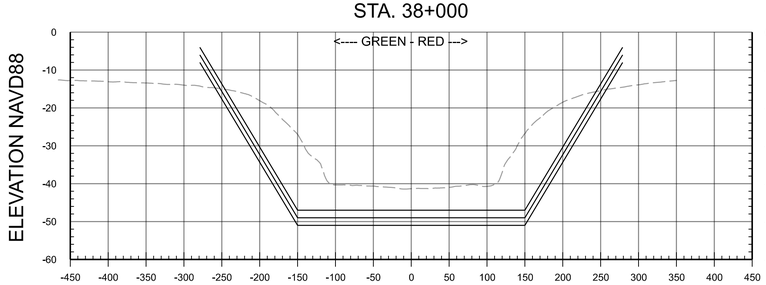

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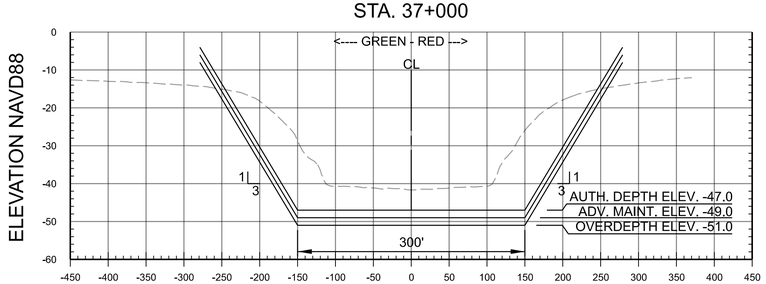

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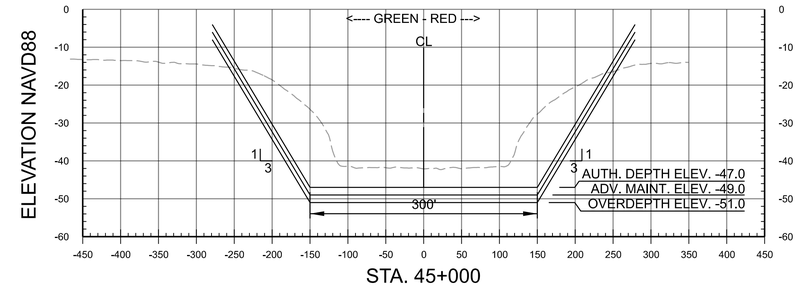

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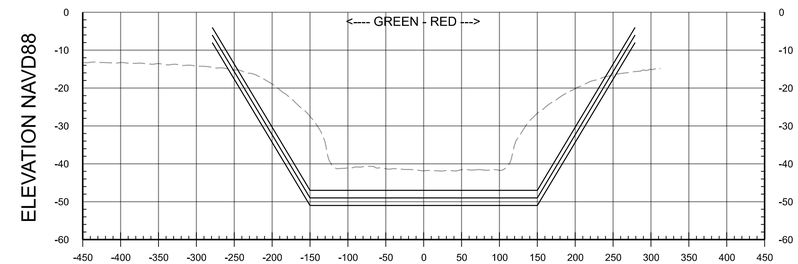

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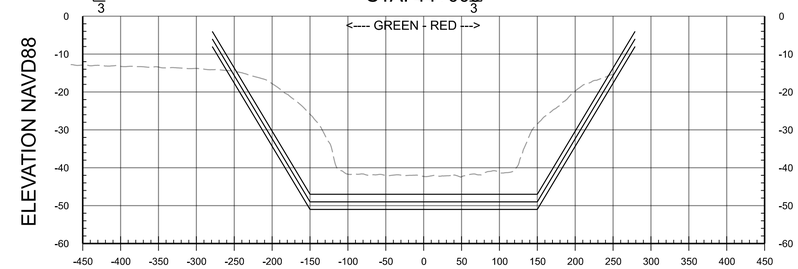

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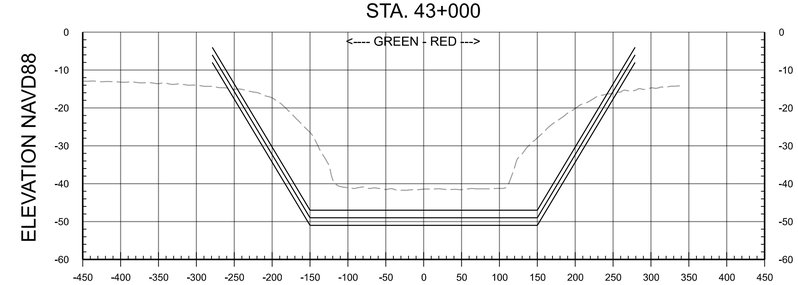

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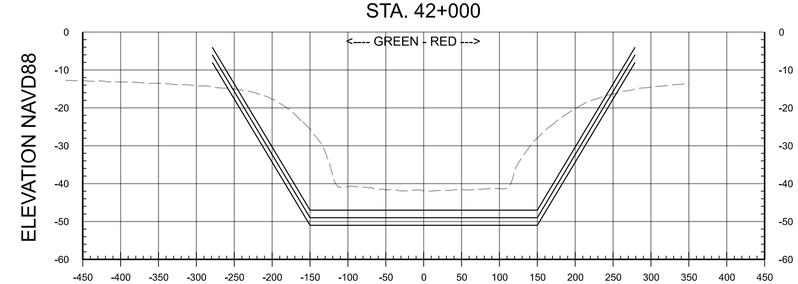

STA. 41+000

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial & Water Advanced Modeling Section

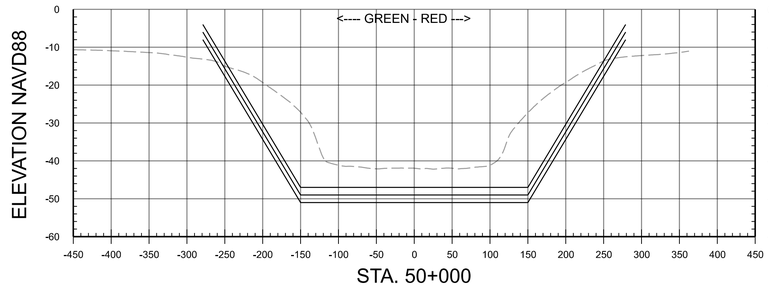
DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: P. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	SUPERVISED BY: MARTIN B. REGUER, P.E. CHIEF, GENERAL ENGINEERING BR.

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

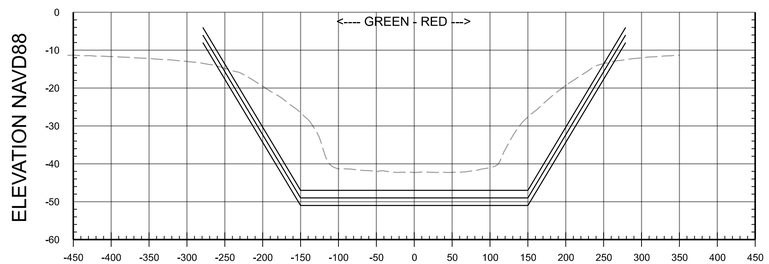
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 36+000 TO STA. 45+000

SHEET ID
CN312

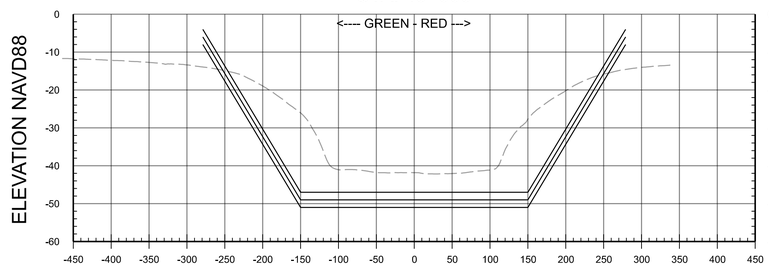
DQC REVIEW - NOT FOR CONSTRUCTION



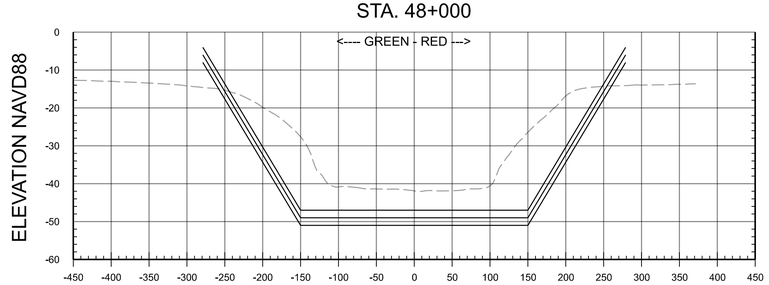
STA. 50+000



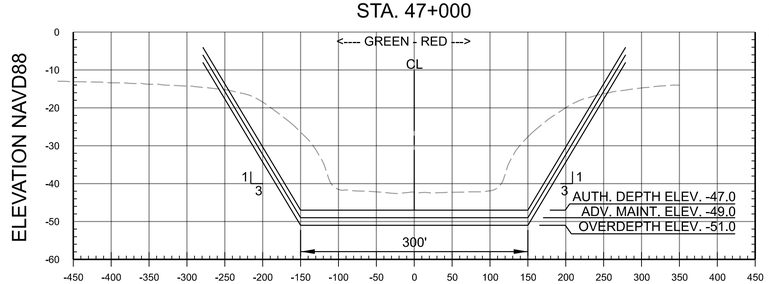
STA. 49+000



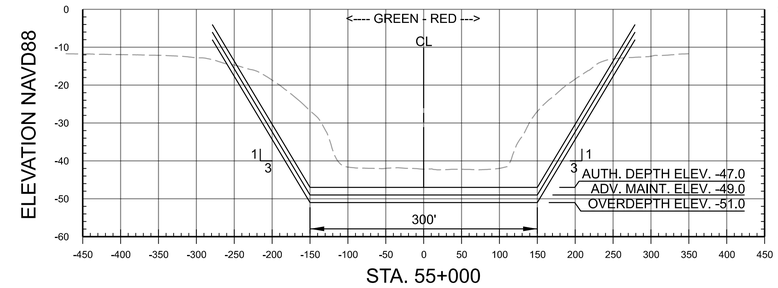
STA. 48+000



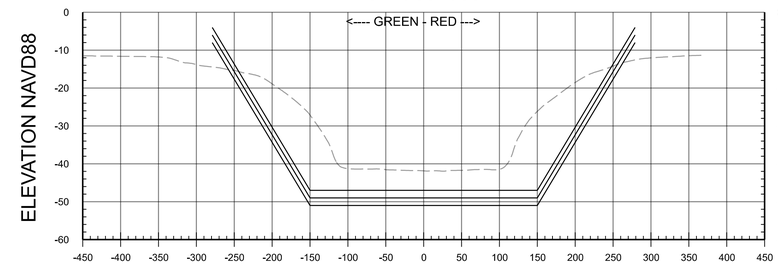
STA. 47+000



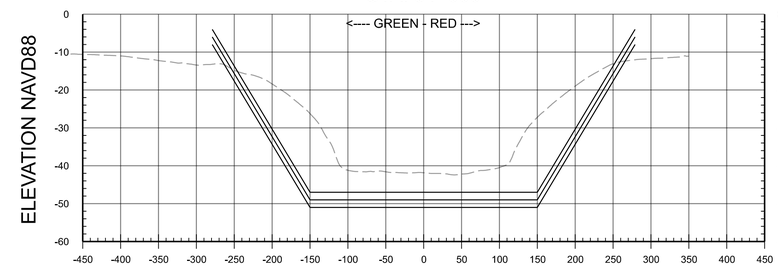
STA. 46+000



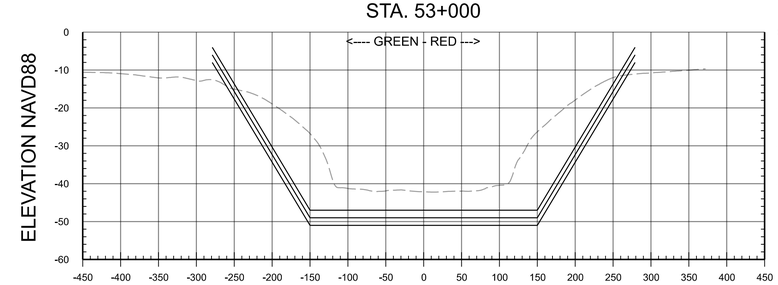
STA. 55+000



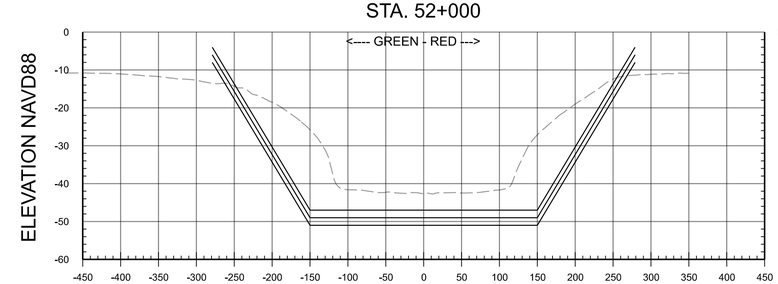
STA. 54+000



STA. 53+000



STA. 52+000



STA. 51+000

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SCALE IN FEET

V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
MARTIN B. REGUERO, P.E.
CHIEF, GENERAL ENGINEERING BR.

ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

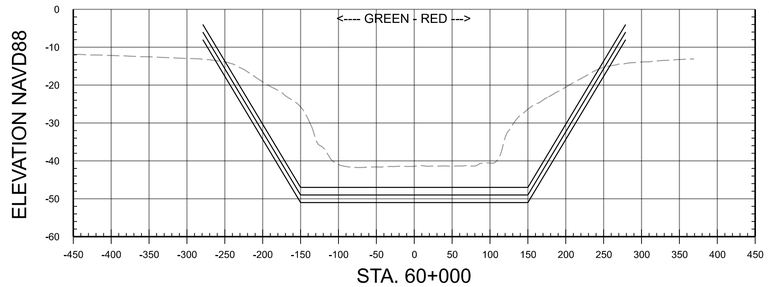
SWG GEOSPATIAL & ENGINEERING Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

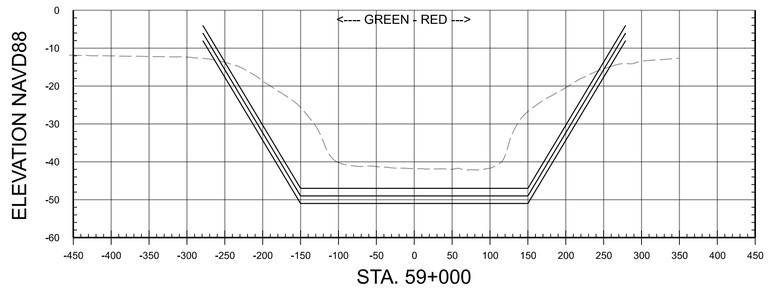
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 46+000 TO STA. 55+000

SHEET ID
CN313

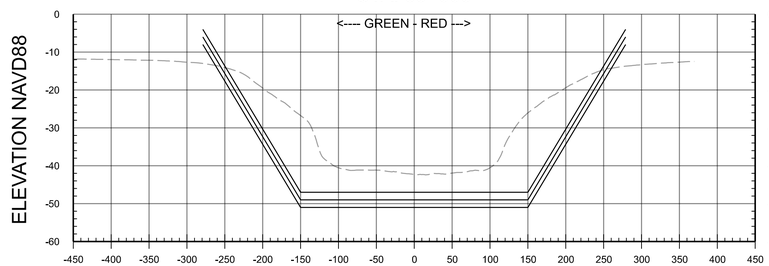
DQC REVIEW - NOT FOR CONSTRUCTION



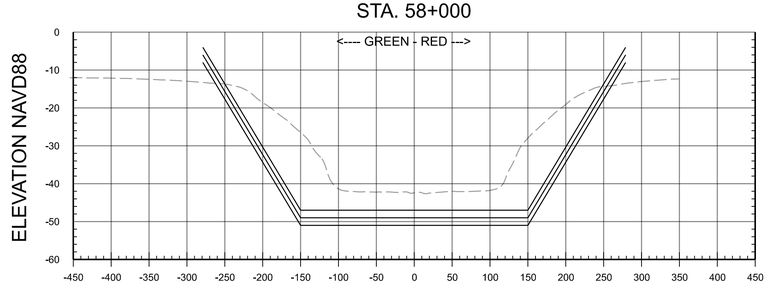
STA. 60+000



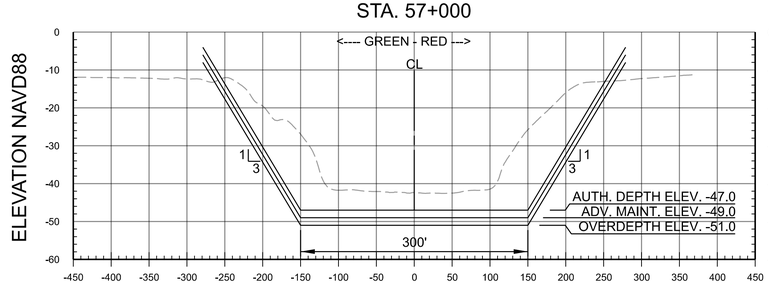
STA. 59+000



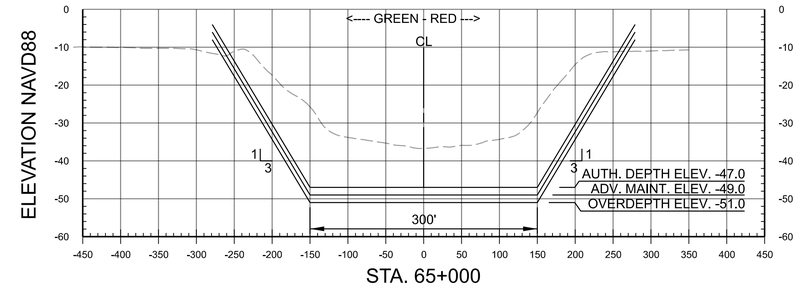
STA. 58+000



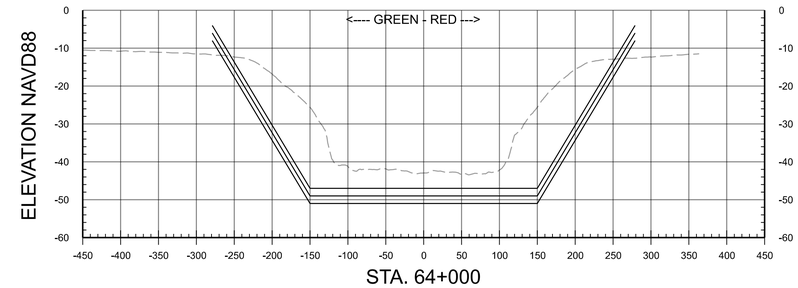
STA. 57+000



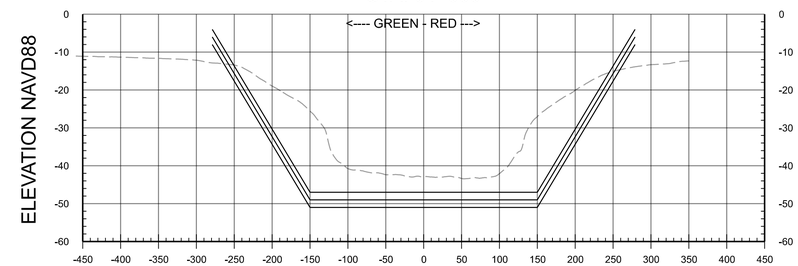
STA. 56+000



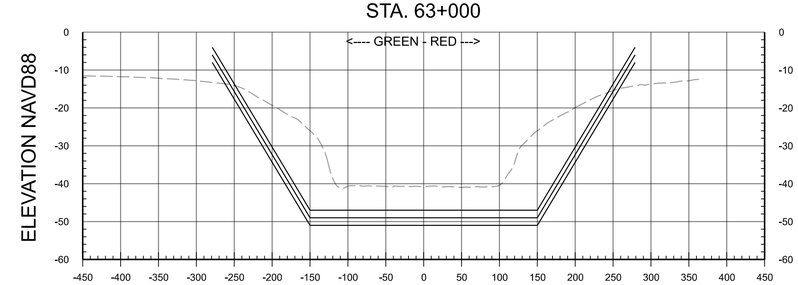
STA. 65+000



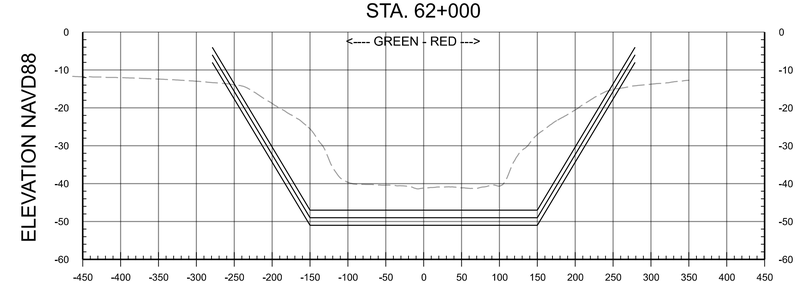
STA. 64+000



STA. 63+000



STA. 62+000



STA. 61+000

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Geospatial Branch Advanced Modeling Section

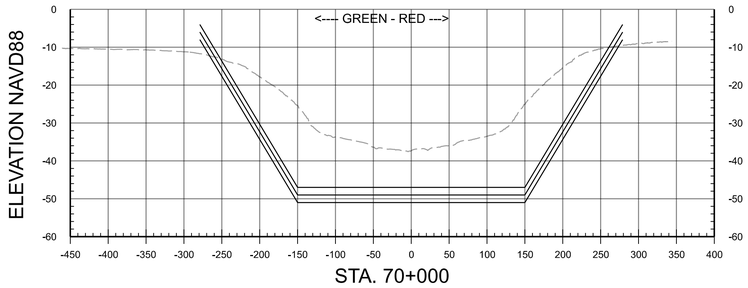
DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: R. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	SUPERVISED BY: MARTIN B. REGUER, P.E. CHIEF, GENERAL ENGINEERING BR.

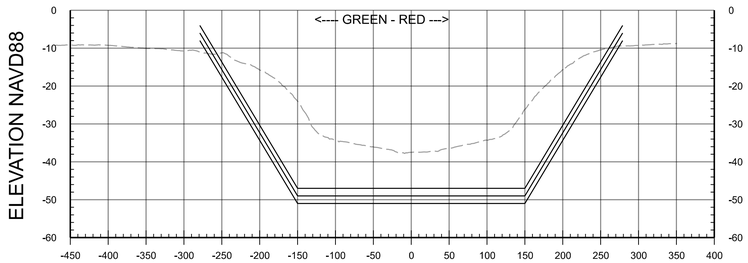
MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

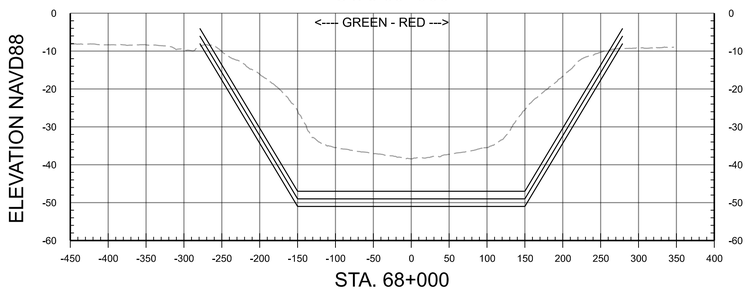
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 56+000 TO STA. 65+000

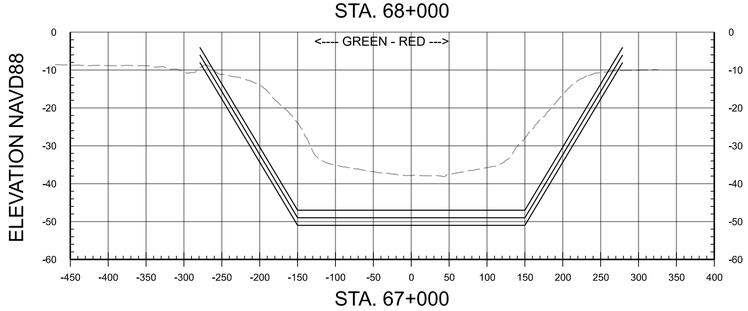
SHEET ID
CN314

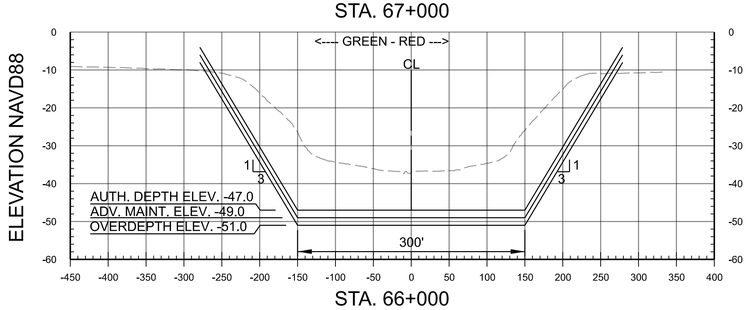
DQC REVIEW - NOT FOR CONSTRUCTION

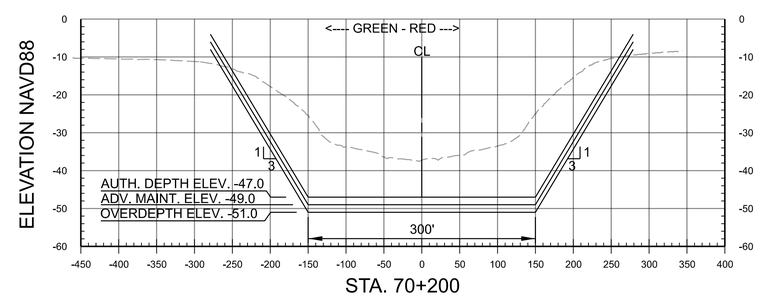












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SCALE IN FEET

V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

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U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & RADIO Advanced Modeling Section

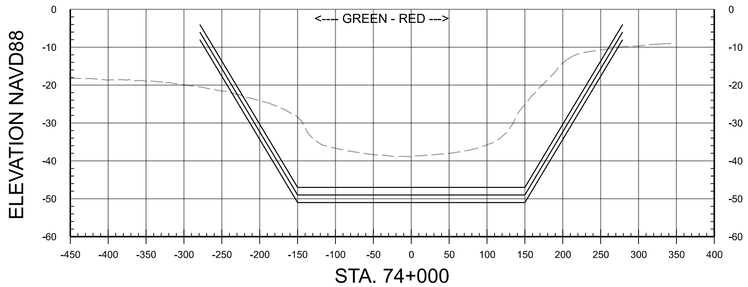
DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: D. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	FILE NAME: MARTIN B. REGUES, P.E. CHIEF, GENERAL ENGINEERING BR.

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

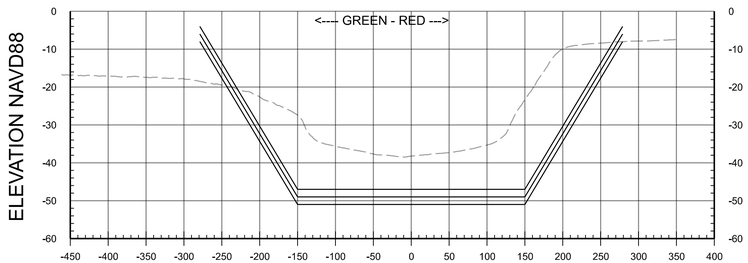
MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 56+000 TO STA. 70+200

SHEET ID
CN315

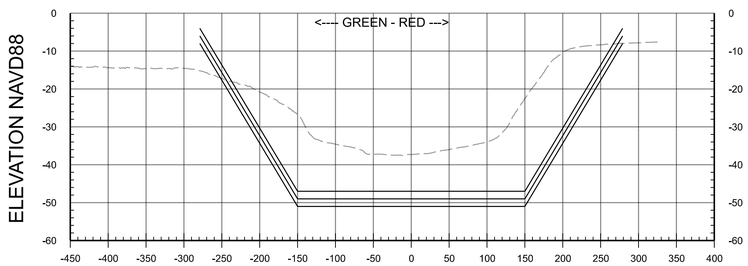
DQC REVIEW - NOT FOR CONSTRUCTION



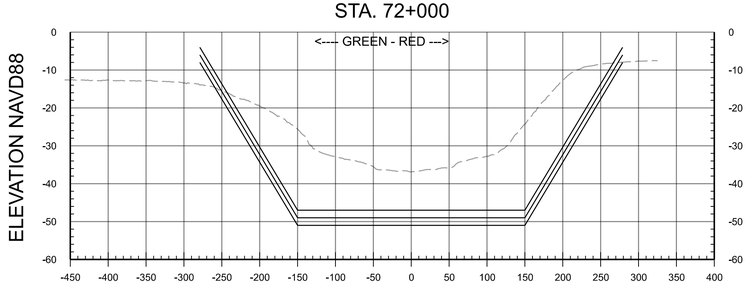
STA. 74+000



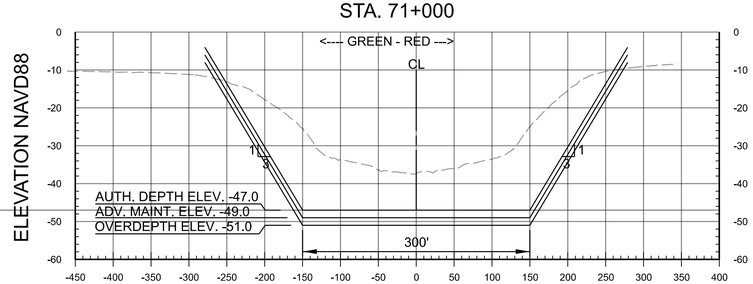
STA. 73+000



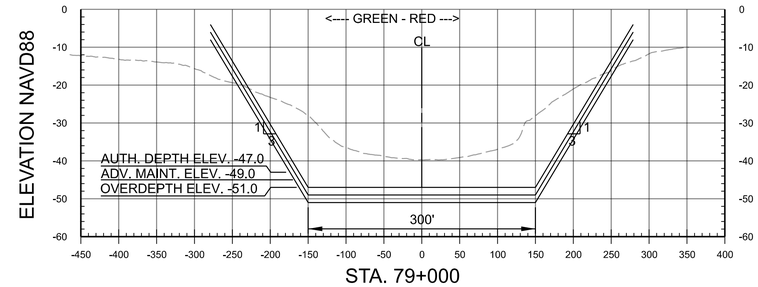
STA. 72+000



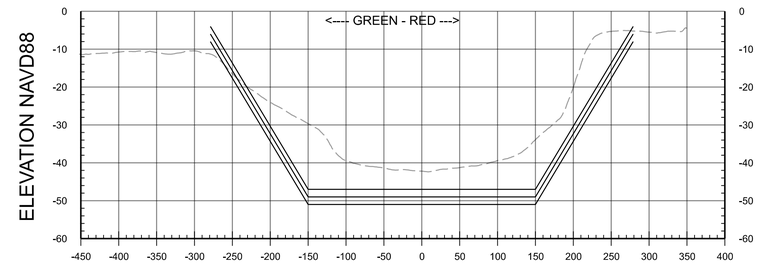
STA. 71+000



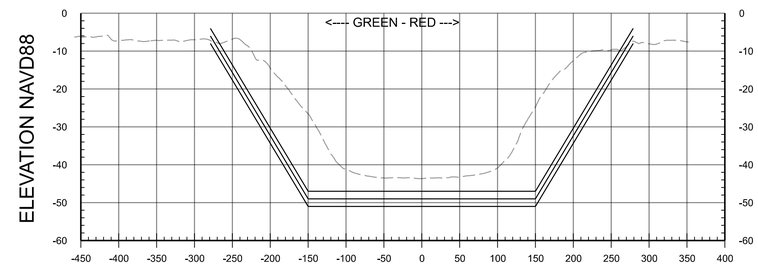
STA. 70+200



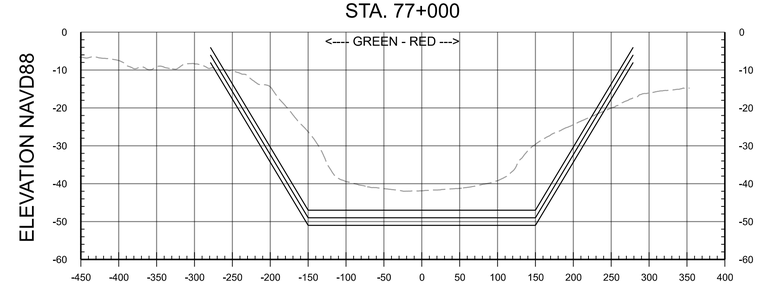
STA. 79+000



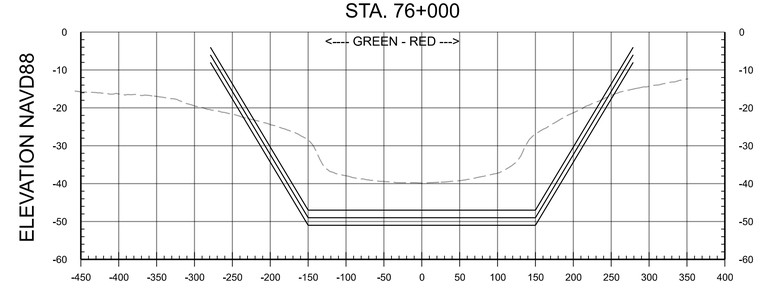
STA. 78+000



STA. 77+000



STA. 76+000



STA. 75+000

H 100 200 300
SCALE IN FEET

V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
SIZE: MARTIN B. REGUERO, P.E.
CHIEF, GENERAL ENGINEERING BR.

ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & ENGINEERING Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 70+200 TO STA. 79+000

SHEET ID
CN316

DQC REVIEW - NOT FOR CONSTRUCTION

DS: AEC_Screen_FullSize.dscript
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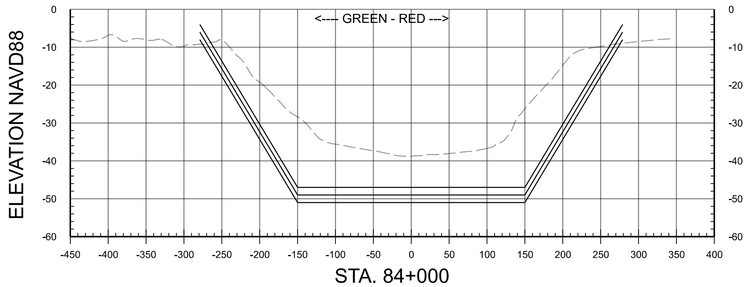
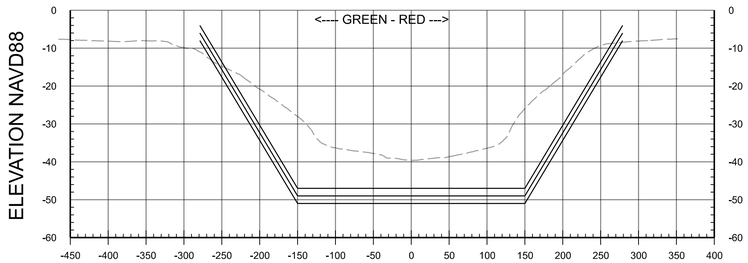
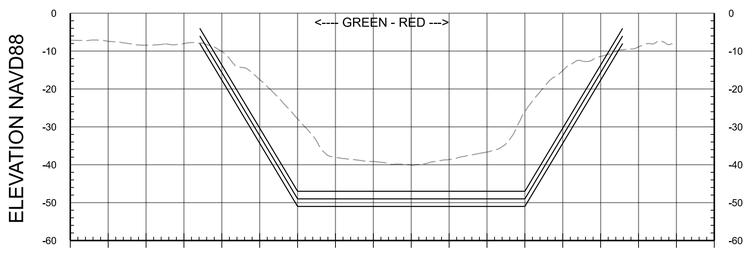
7:28:01 AM 10/30/2025



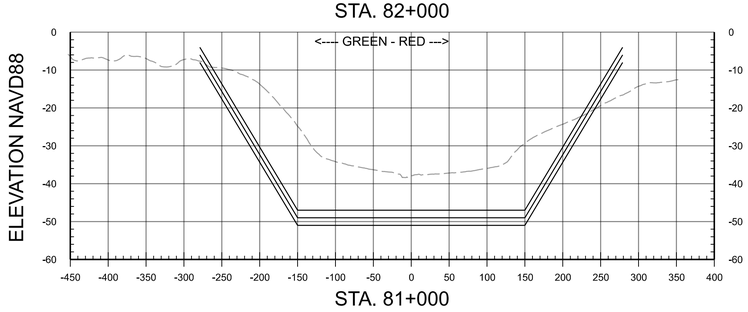
STA. 84+000



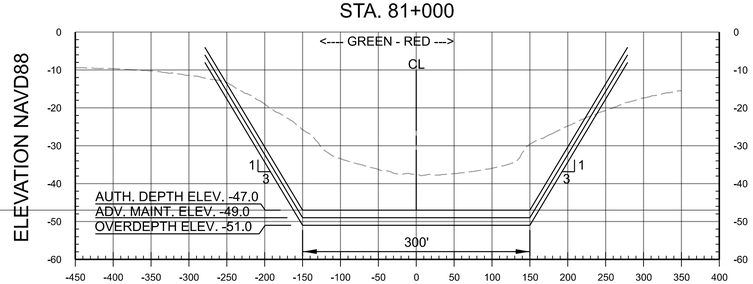
STA. 83+000



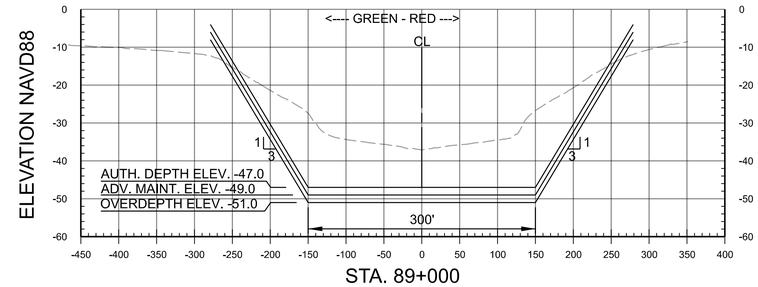
STA. 82+000



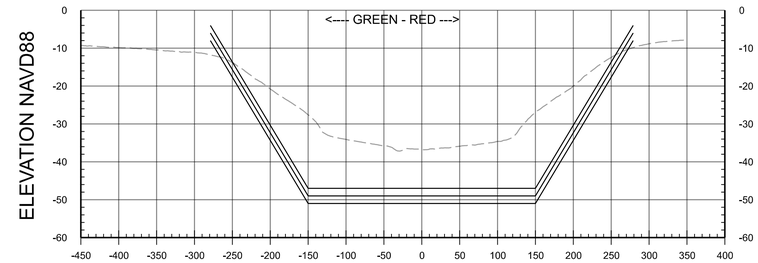
STA. 81+000



STA. 80+000



STA. 89+000



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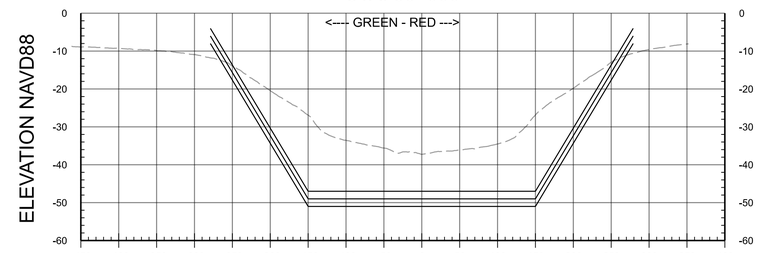

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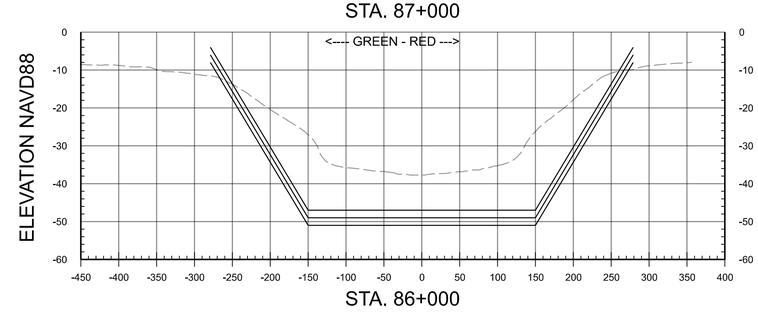

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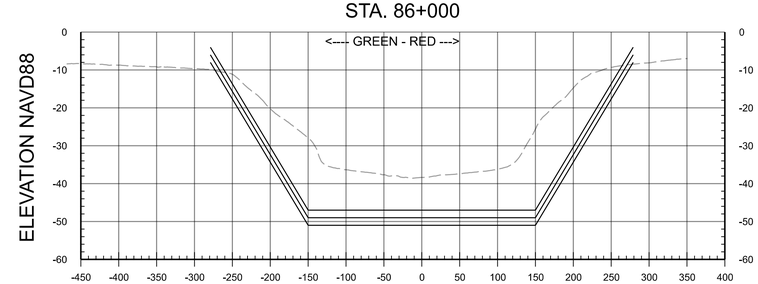

STA. 85+000

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: G. JOHNSON
SUBMITTED BY: D. KERR, P.E.
SIZE: ANSI D
MARTIN B. REGUERO, P.E.
CHIEF, GENERAL ENGINEERING BR.

ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD_0799-0038

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & RADAR Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 80+000 TO STA. 89+000

SHEET ID
CN317

DQC REVIEW - NOT FOR CONSTRUCTION

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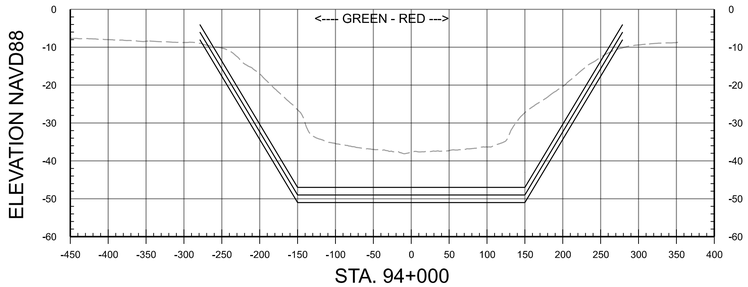

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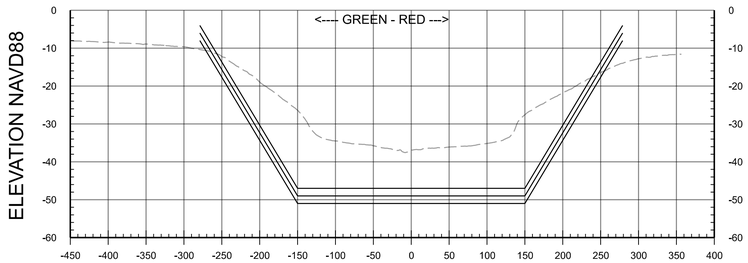

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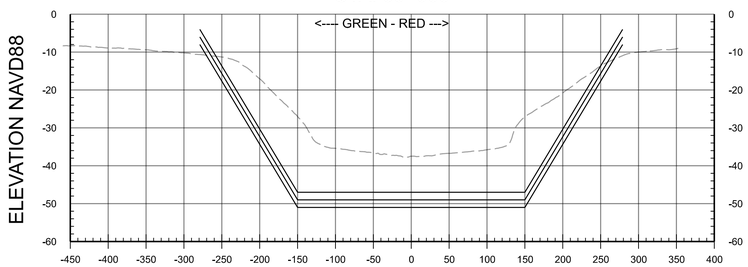

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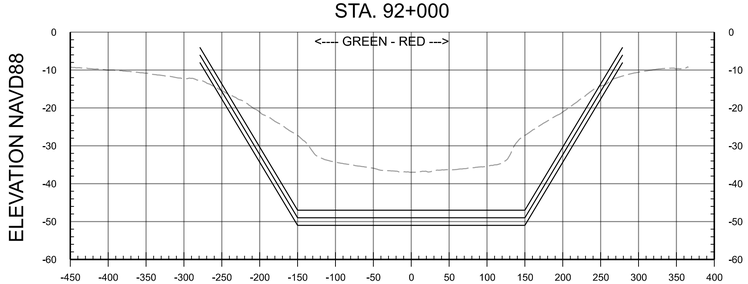

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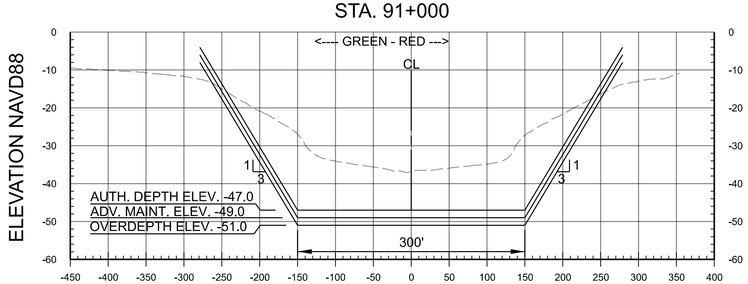
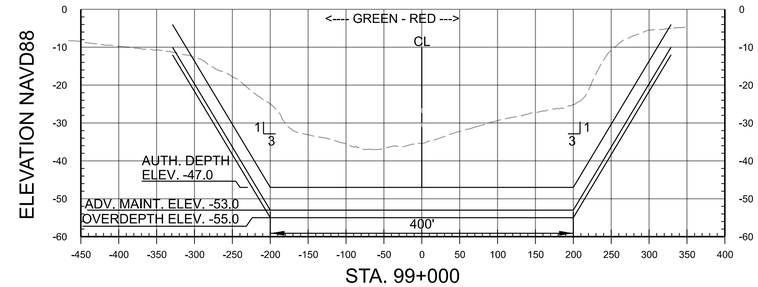
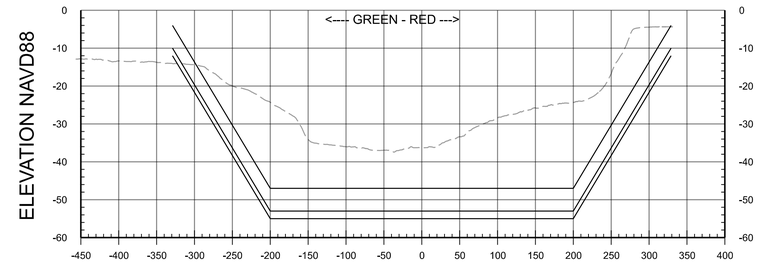


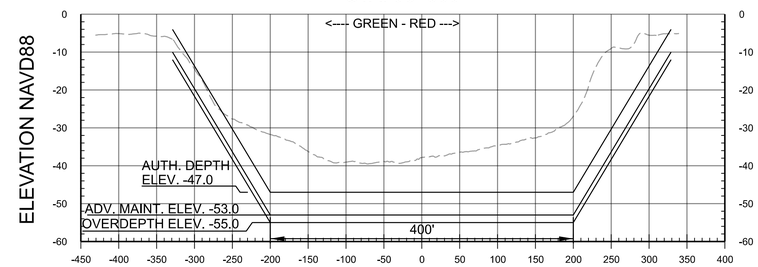
STA. 90+000



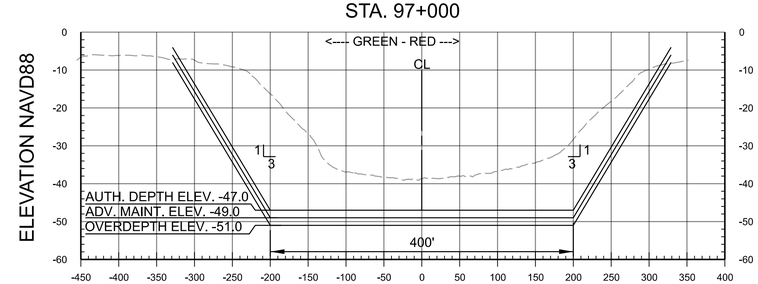
STA. 99+000



STA. 98+000



STA. 97+000



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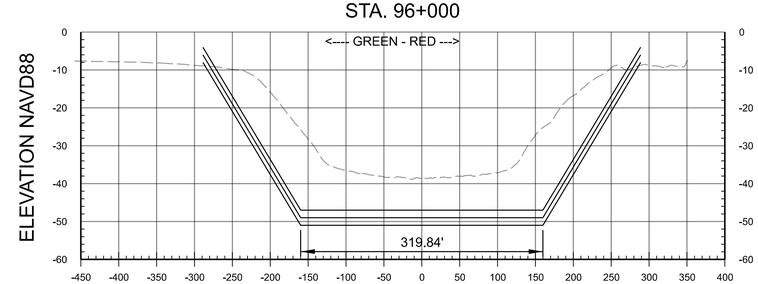

STA. 95+000

H 100 200 300
SCALE IN FEET

V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 0799-0038
REVIEWED BY: MARTIN B. REGUERO, P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & RIVER Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 90+000 TO STA. 99+000

SHEET ID
CN318

DQC REVIEW - NOT FOR CONSTRUCTION

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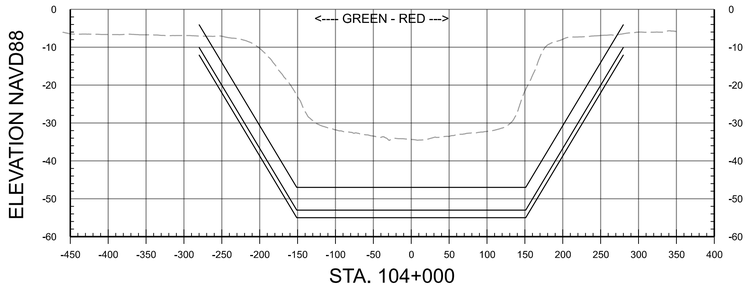
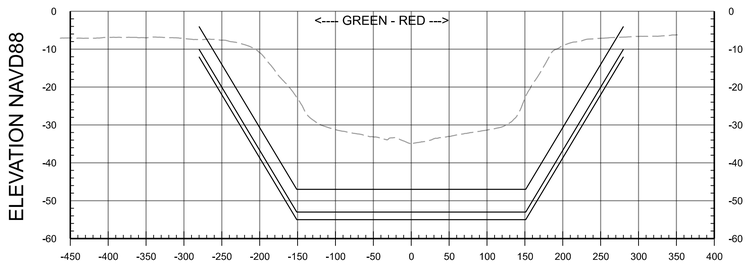


STA. 104+000



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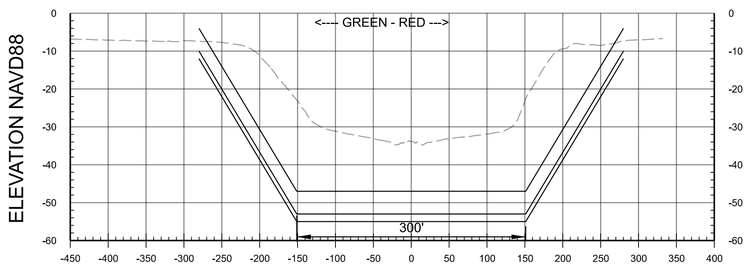
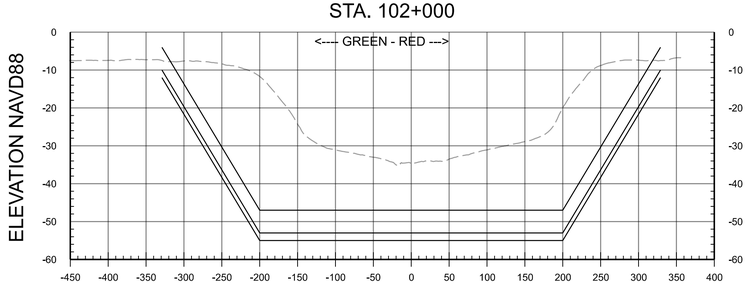


STA. 102+000



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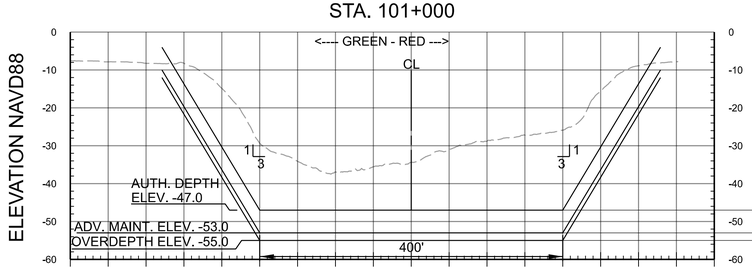

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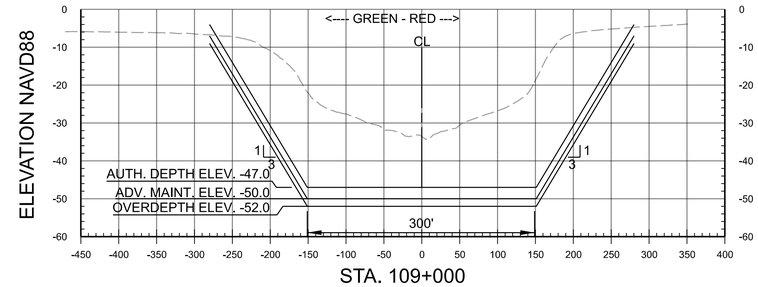

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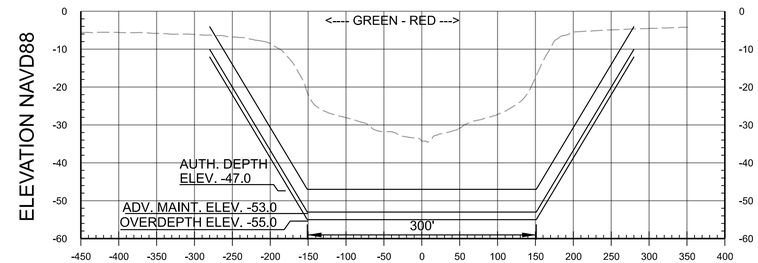

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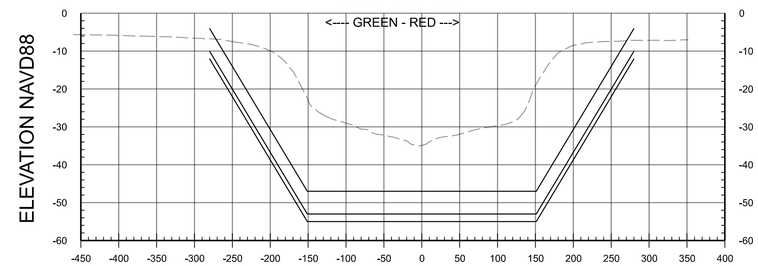

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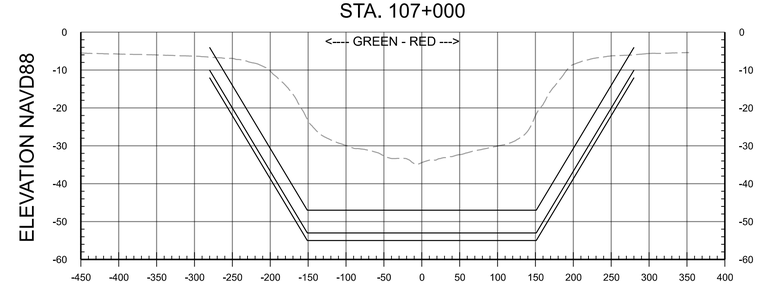

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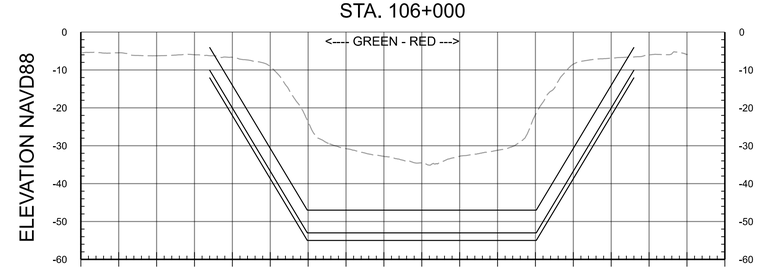

STA. 105+000

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: Q. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: GUAD 0799-0038
R. MARTIN B. REGIONAL P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & ENGINEERING Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 100+000 TO STA. 109+000

SHEET ID
CN319

DQC REVIEW - NOT FOR CONSTRUCTION

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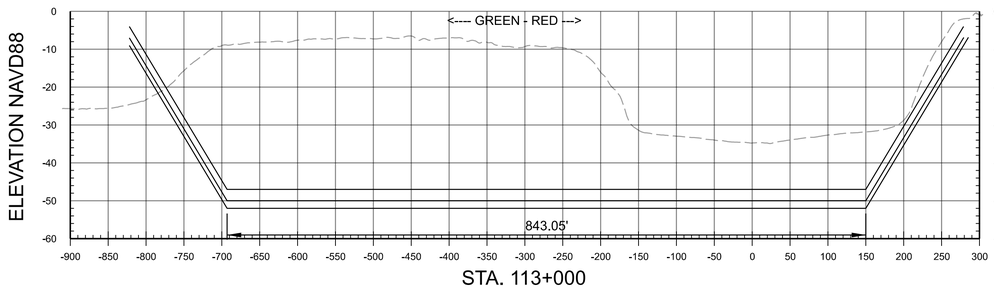
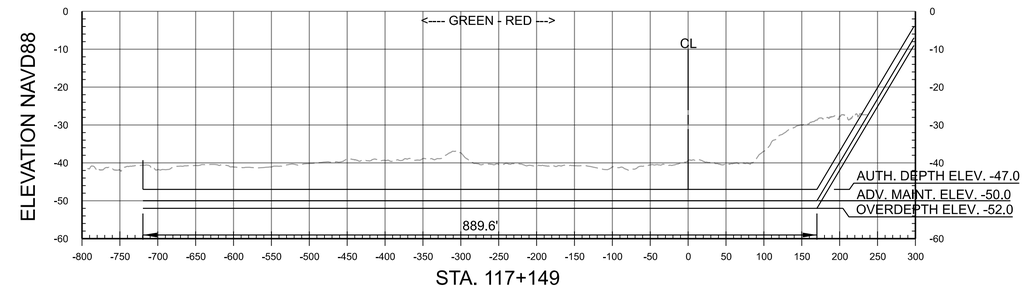
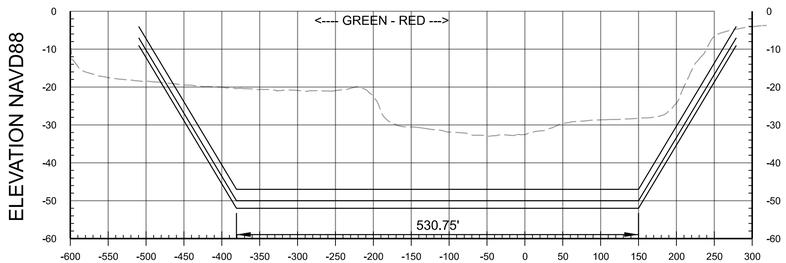


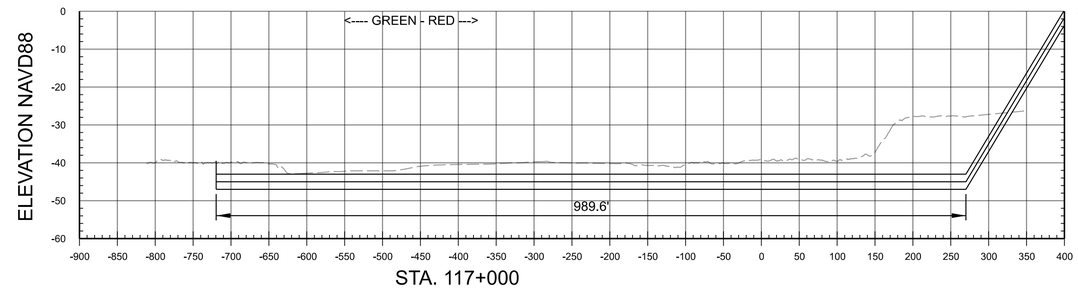
STA. 113+000



STA. 117+149



STA. 112+000



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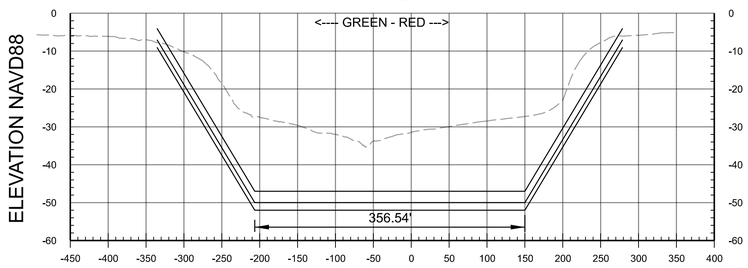

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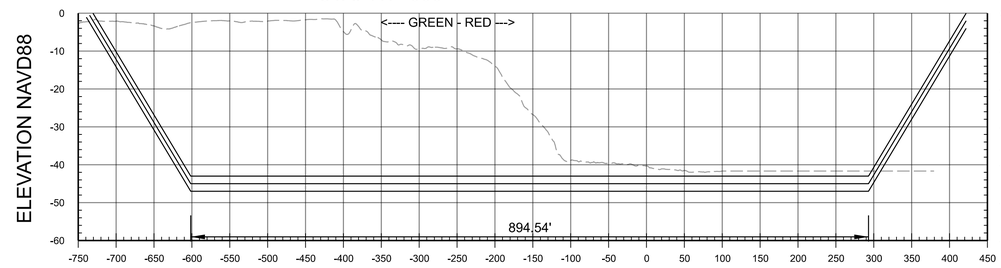

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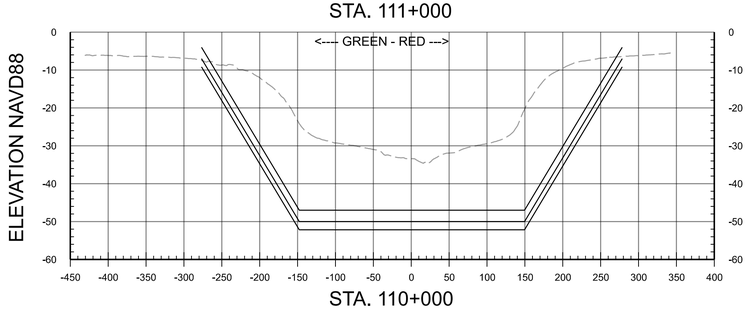

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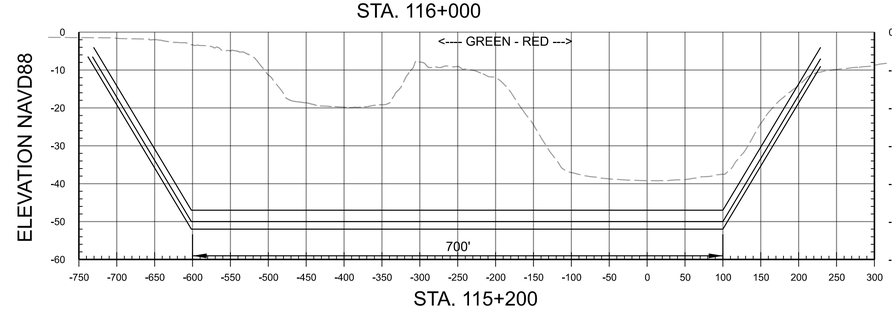

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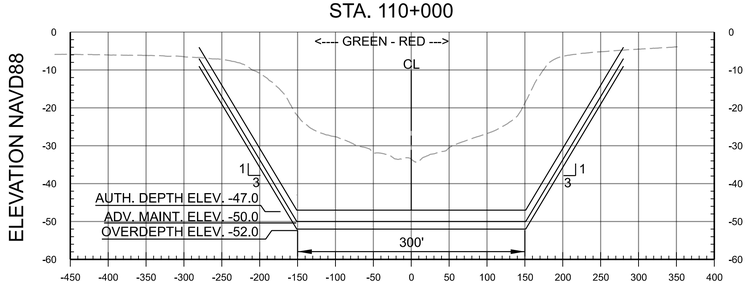

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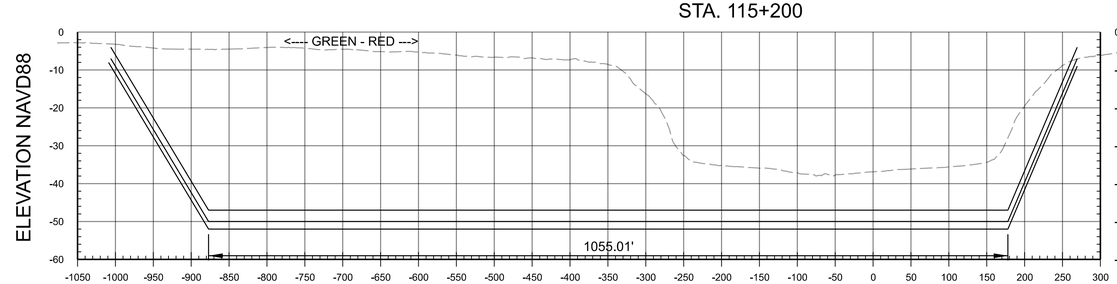

STA. 114+000

H 100 200 300
SCALE IN FEET
V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DESIGNED BY: J. GARRETT, P.E.
DRAWN BY: E. HUFF
CHECKED BY: G. JOHNSON
SUBMITTED BY: P. KERR, P.E.
SIZE: ANSI D
ISSUE DATE: MMMMMM 2025
SOLICITATION NO.: W912HY26BA
CONTRACT NO.:
SWG FILE NO.: QUAD 07994-0038
REVIEWED BY: B. MARTIN B. REGIONAL P.E.
CHIEF, GENERAL ENGINEERING BR.

U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG Advanced Modeling Section

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 109+000 TO STA. 117+149

SHEET ID
CN320

DQC REVIEW - NOT FOR CONSTRUCTION

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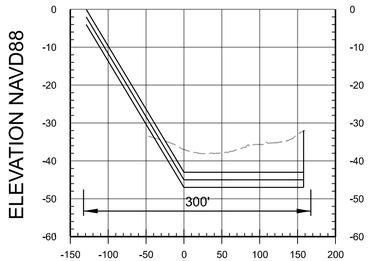
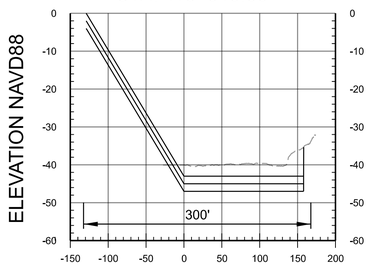
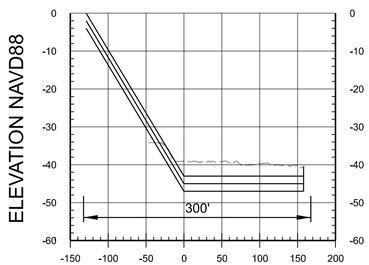


STA. 118+315.58

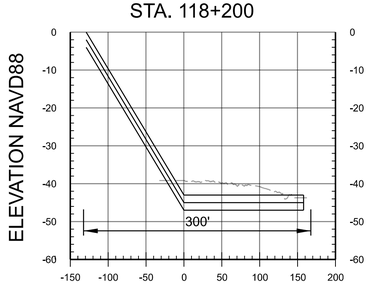
NORTHER DREDGING LIMIT



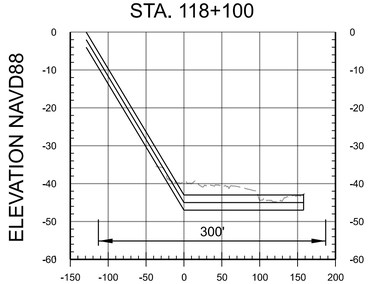
STA. 118+300



STA. 118+200



STA. 118+100



STA. 118+000

H 100 200 300
SCALE IN FEET

V 20 40 60
SCALE IN FEET

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE

DS: AEC_Screen_FullSize.dscript ...\0700-GUAD_Matagorda\...\0799-0038\...\CN321_XSEC.dgn
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U.S. ARMY CORPS OF ENGINEERS
GALVESTON DISTRICT
2000 FORT POINT ROAD
GALVESTON, TEXAS 77550

SWG GEOSPATIAL & RADIO Advanced Modeling Section

DESIGNED BY: J. GARRETT, P.E.	ISSUE DATE: MMMMMM 2025
DRAWN BY: E. HUFF	SOLICITATION NO.: W912HY26BA
CHECKED BY: Q. JOHNSON	CONTRACT NO.:
SUBMITTED BY: P. KERR, P.E.	SWG FILE NO.: GUAD 0799-0038
SIZE: ANSI D	LEAD: MARTIN B. REGUES, P.E. CHIEF, GENERAL ENGINEERING BR.

MATAGORDA SHIP CHANNEL, TEXAS
CHANNEL IMPROVEMENTS
RECOMMENDED PLAN - ALTERNATIVE

MATAGORDA SHIP CHANNEL
CROSS SECTIONS
STA. 118+000 TO STA. 118+315.58

SHEET ID
CN321

DQC REVIEW - NOT FOR CONSTRUCTION