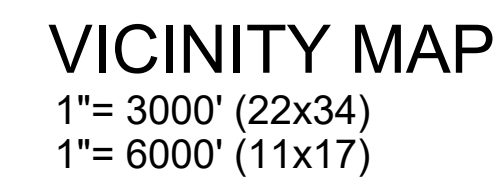




**INTRACOASTAL WATERWAY
MAINTENANCE DREDGING
ST. LUCIE COUNTY REACH I, FLORIDA**

APPENDIX A
11" x 17" Project Drawings

C-1	TITLE SHEET
C-2	PROJECT OVERVIEW AND GENERAL NOTES
C-3	DREDGE PLAN - CUT SL-2 STA. 20+00 THRU CUT SL-3N STA. 6+50
C-4	DREDGE PLAN - CUT SL-3N STA. 6+50 THRU CUT SL-5 STA. 28+50
C-5	DREDGE PLAN - CUT SL-5 STA. 28+50 THRU CUT SL-5 STA. 72+00
C-6	TYPICAL DREDGE SECTIONS
C-7	TYPICAL DREDGE SECTIONS
C-8	TYPICAL DREDGE SECTIONS
C-9	TYPICAL DREDGE SECTIONS
C-10	TYPICAL DREDGE SECTIONS
C-11	TYPICAL DREDGE SECTIONS
C-12	TYPICAL DREDGE SECTIONS
C-13	BEACH DISPOSAL PLAN
C-14	BEACH DISPOSAL SECTIONS
C-15	EROSION AND SEDIMENT CONTROL DETAILS



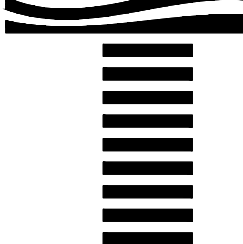
REFERENCE:
USGS 7.5' QUADRANGLE MAP,
ANKONA, FLORIDA 1983
FORT PIERCE, FLORIDA 1983

NOTE:
PROJECT START = CUT SL-2 STA. 20+00
PROJECT END = CUT SL-5 STA. 72+00

ACCEPTANCE SECTION	CUT, STATIONING	VOLUME (CY) DESIGN DEPTH	VOLUME (CY) 2 FT ALLOWABLE OVERDREDGE	VOLUME (CY) DESIGN DEPTH +2 FT ALLOWABLE OVERDREDGE
1	CUT SL-2, STA 20+00 THRU CUT SL-5, STA 13+00	6,700	23,450	30,150
2	CUT SL-5, STA 13+00 THRU 45+00	4,700	25,700	30,400
3	CUT SL-5, STA 45+00 THRU 72+00	3,650	26,200	29,850
SUBTOTAL		15,050	75,350	90,400
VOLUME (CY) SIDE SLOPE ASSUMPTION 10%				9,040
PROJECT TOTAL				99,440

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The logo consists of a stylized 'T' shape. The top horizontal bar of the 'T' is composed of three wavy, horizontal lines. The vertical stem of the 'T' is composed of seven thick, horizontal bars stacked vertically.

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WEST PALM BEACH, FLORIDA 33401
(561)-640-7310

CERTIFICATE OF AUTHORIZATION # 4815

PROJECT TITLE

**INTRACOASTAL WATERWAY
ST. LUCIE REACH 1
MAINTENANCE DREDGING
ST. LUCIE COUNTY, FLORIDA**

PROJECT NO	C2014-027-04
DATE	FEB 2017

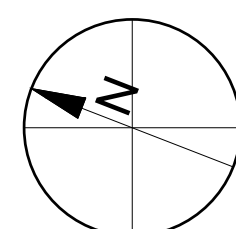
SEAL

MICHAEL E. TRUDNAK P.E.# 58200

C-1

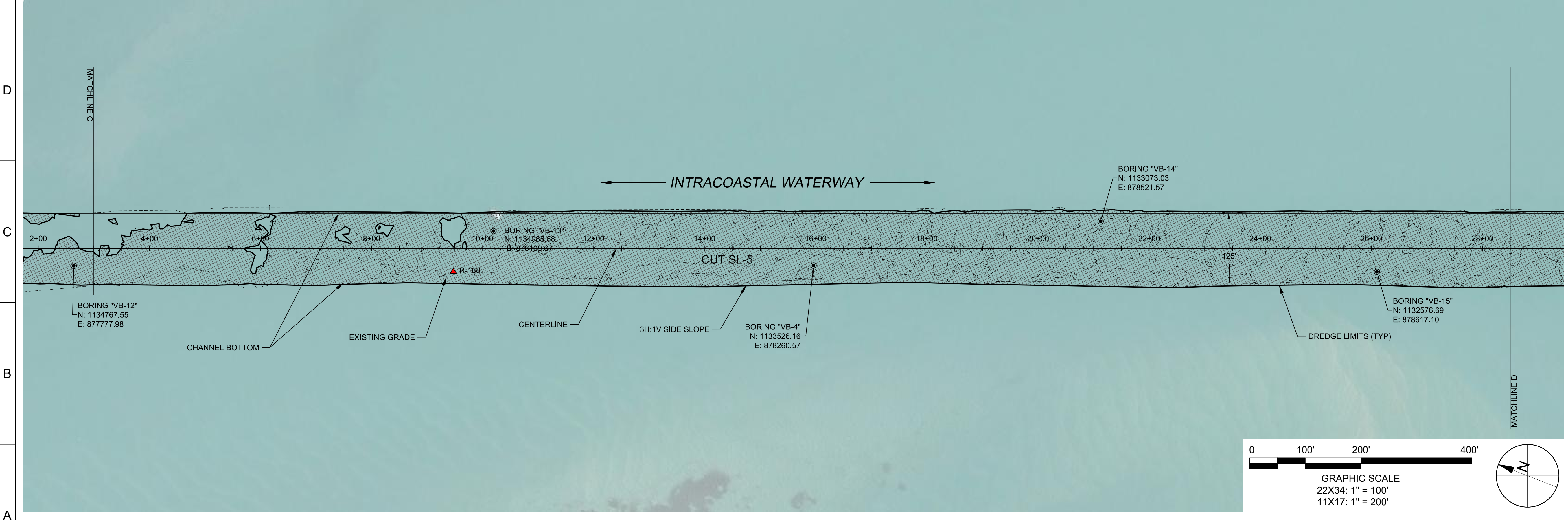
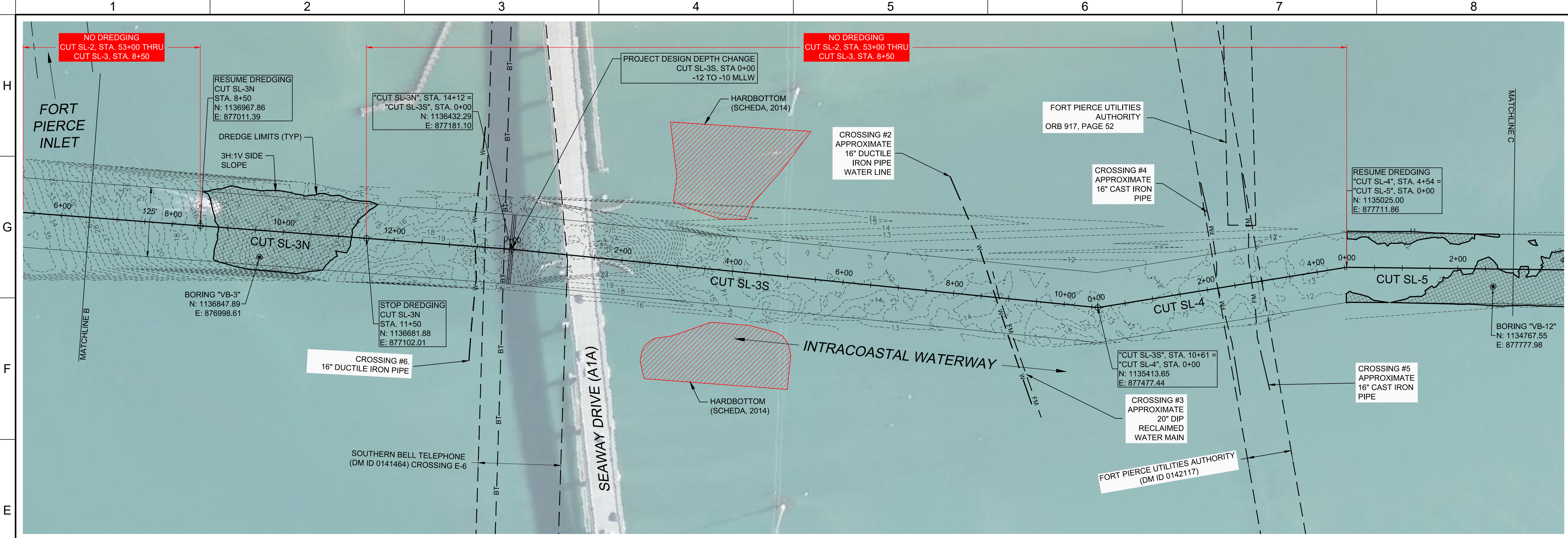
SHEET 1 OF 15

A

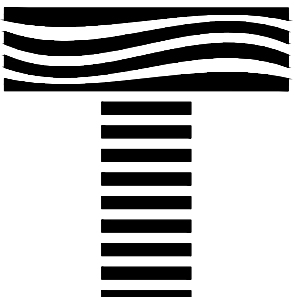


SHEET 2 OF 15

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- DREDGED MATERIAL TO BE REMOVED (PROJECT DEPTH +2 FT MLLW)
- HARD BOTTOM (SCHEDA, 2014)
- SEAGRASSES (SCHEDA, 2016)
- VIBRACORE BORING (AVS, 2015)
- EXISTING CONTOURS (MAY 2014)



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PROJECT TITLE

**INTRACOASTAL WATERWAY
ST. LUCIE REACH 1
MAINTENANCE DREDGING
ST. LUCIE COUNTY, FLORIDA**

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PROJECT NO.	C2014-027-04
DATE	FEB 2017
DESIGNED	LSB
DRAWN	CAS
CHECKED	WCA
REVIEWED	JWS
SCALE	AS SHOWN

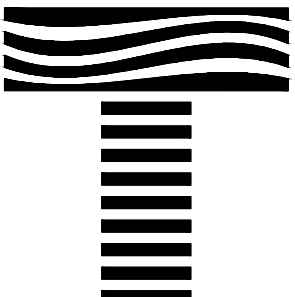
DRAWING TITLE

**DREDGE PLAN - CUT SL-3N
STA. 6+50 THRU CUT SL-5
STA. 28+50**

C-4
SHEET 4 OF 15

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**INTRACOASTAL WATERWAY
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MAINTENANCE DREDGING
ST. LUCIE COUNTY, FLORIDA**

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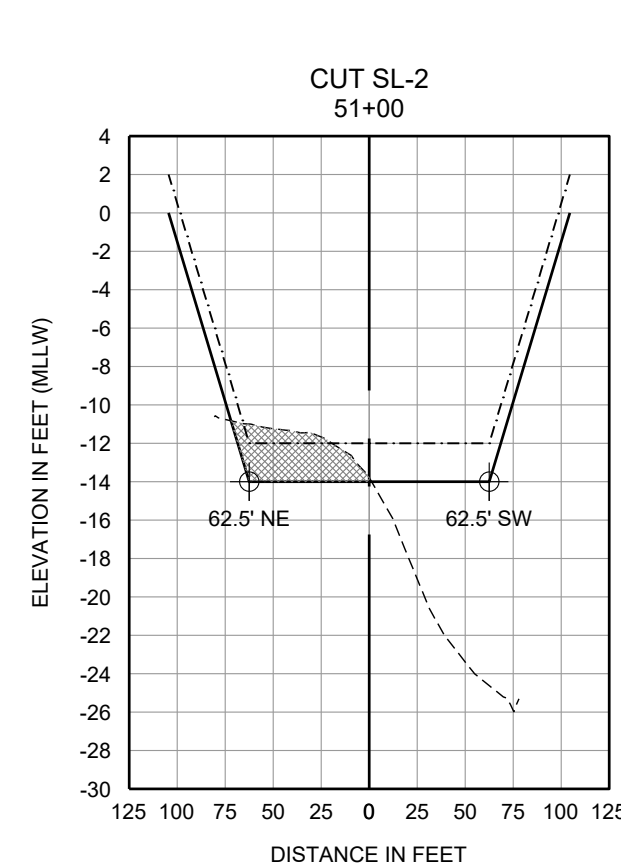
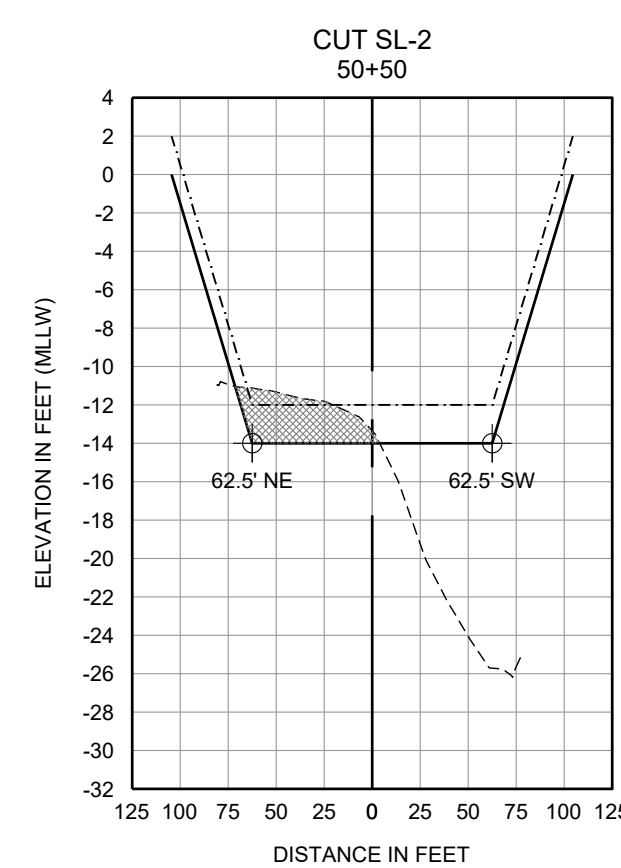
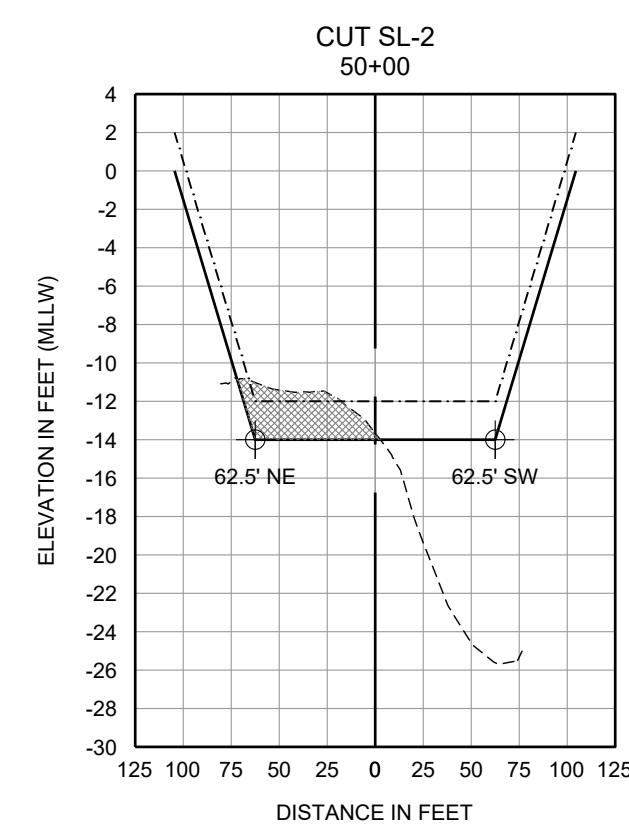
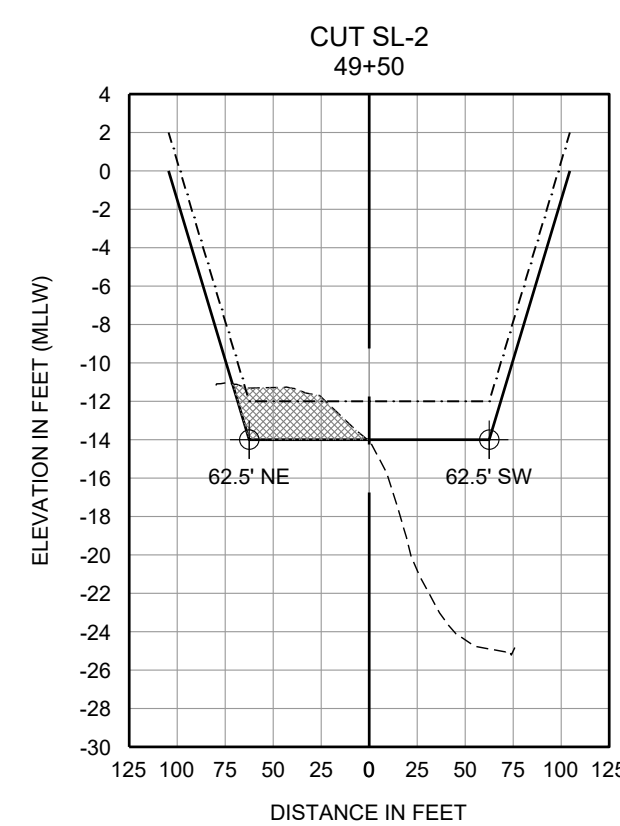
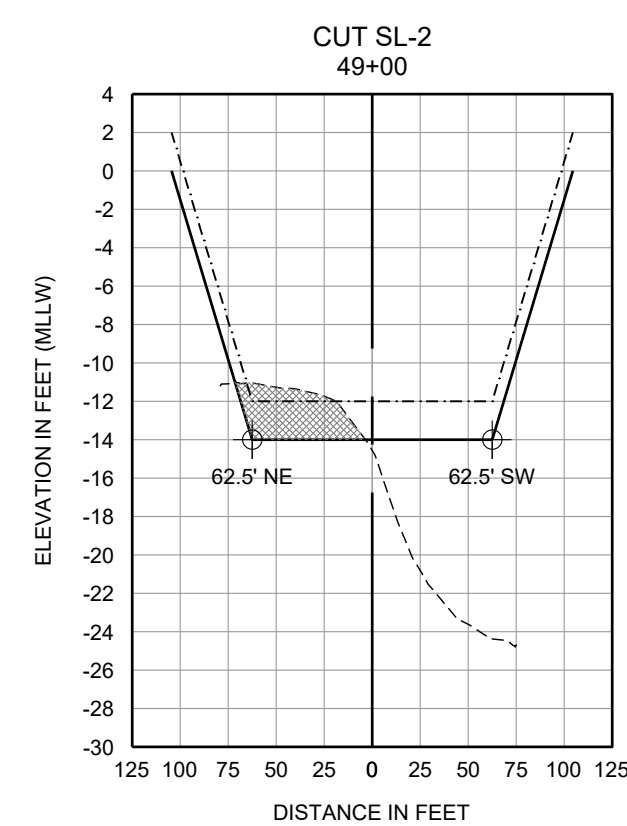
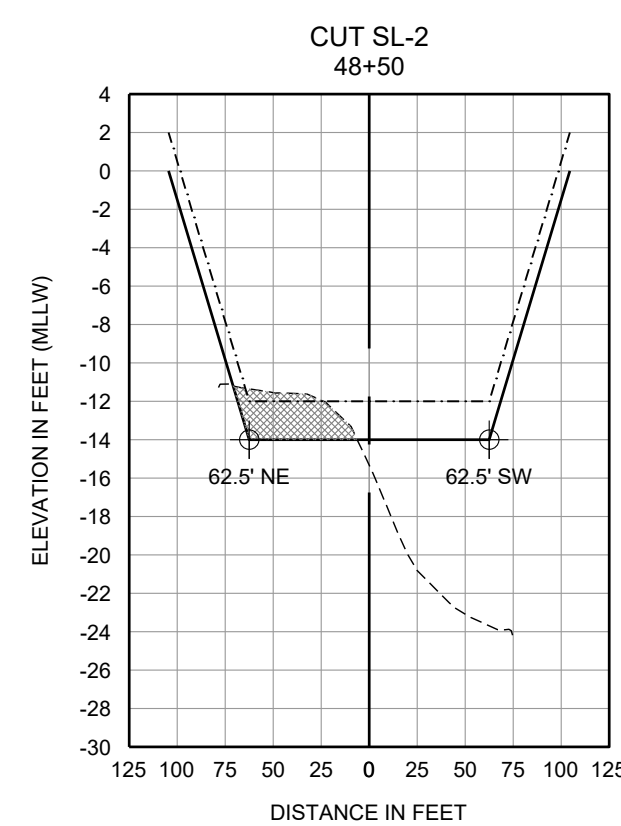
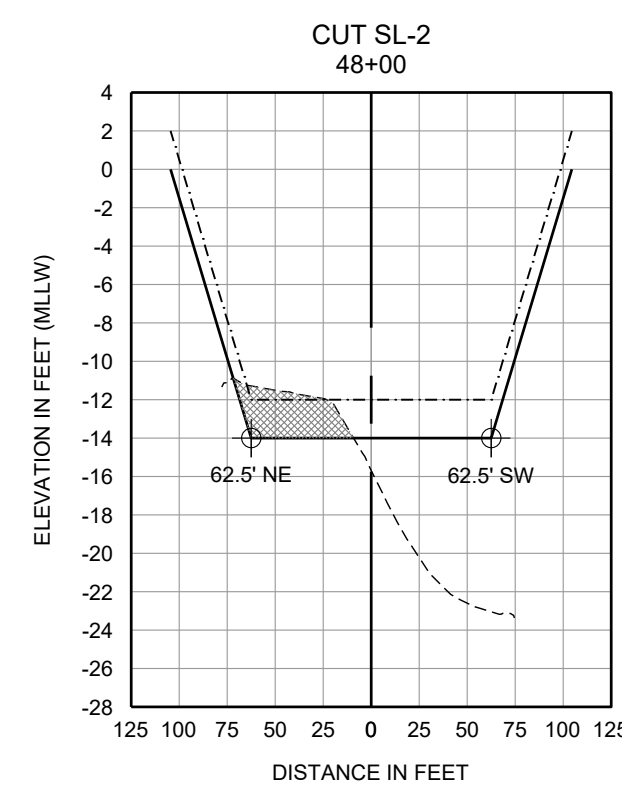
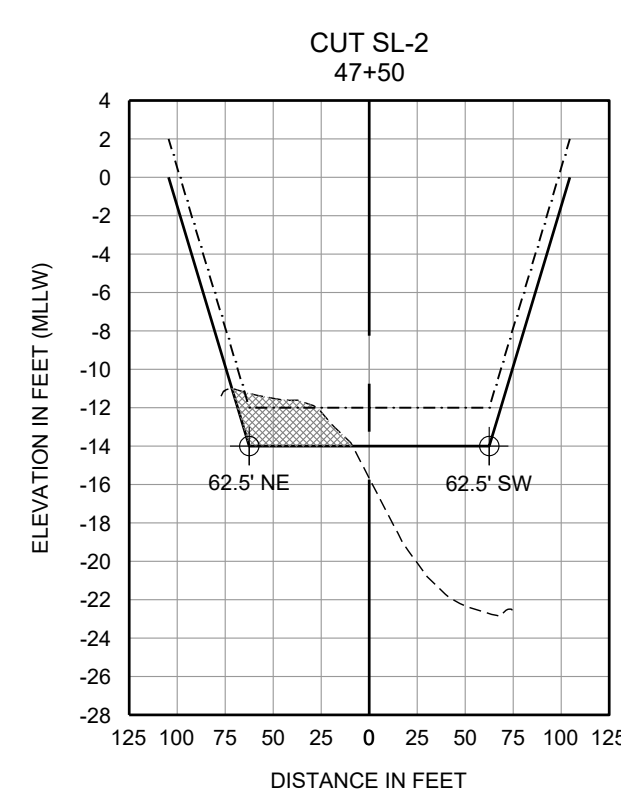
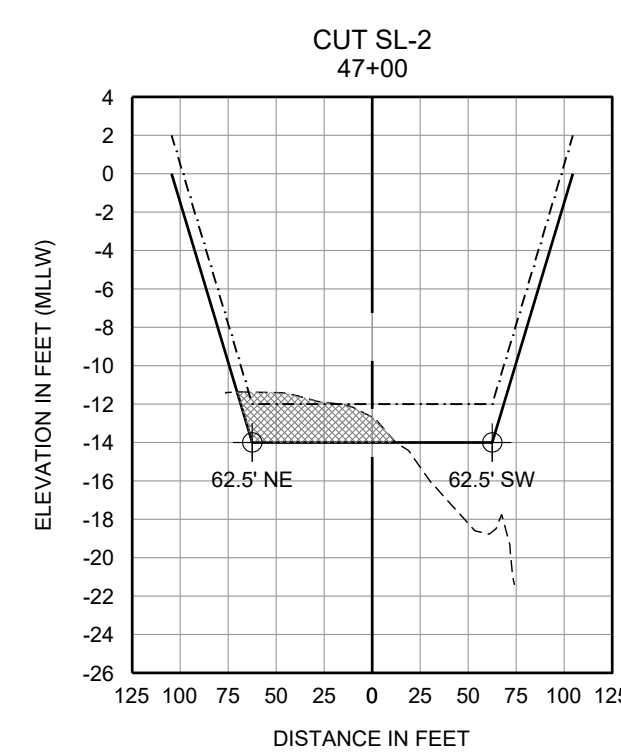
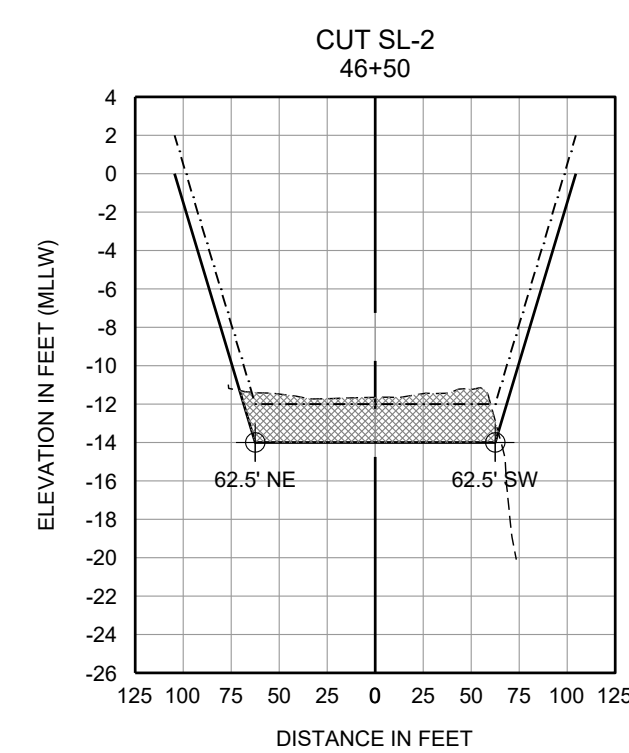
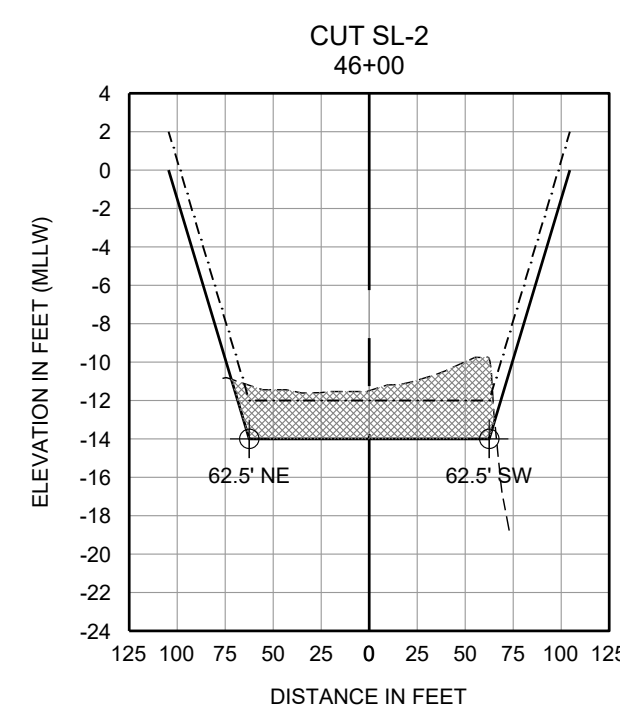
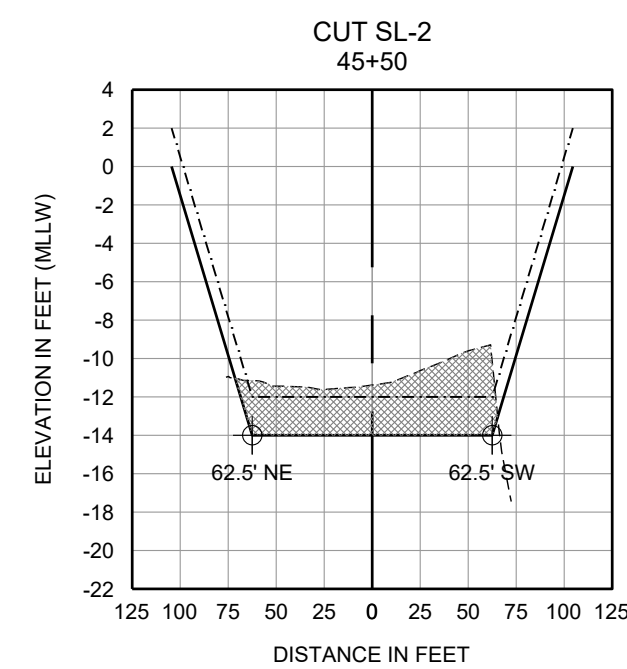
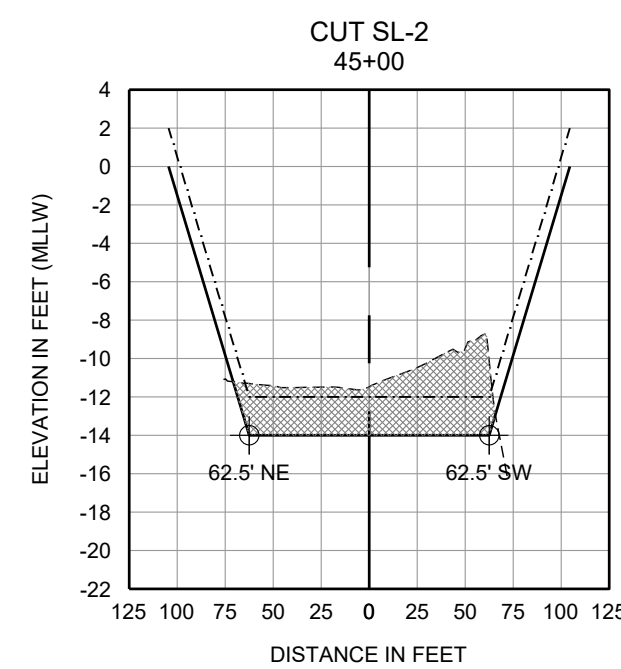
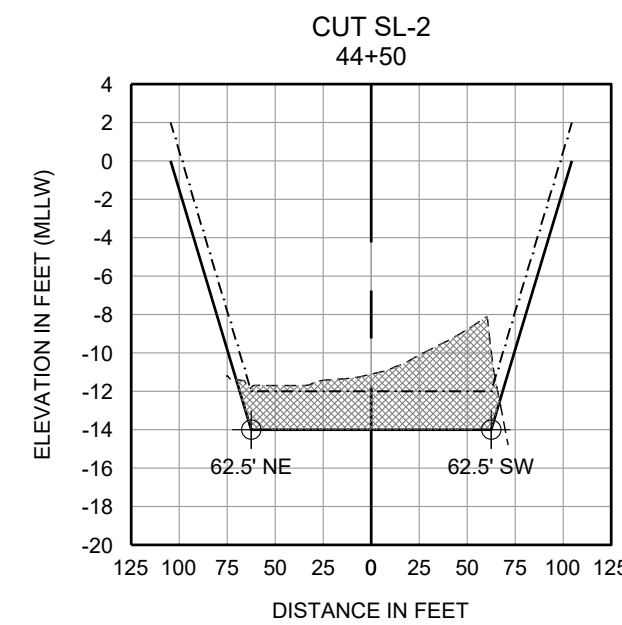
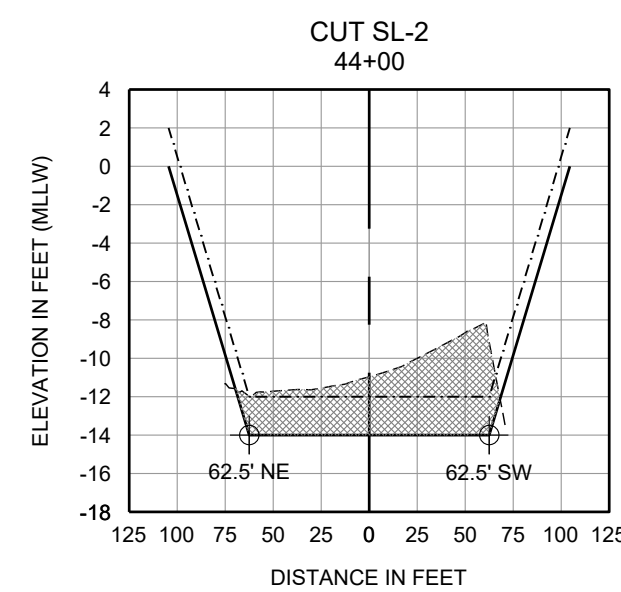
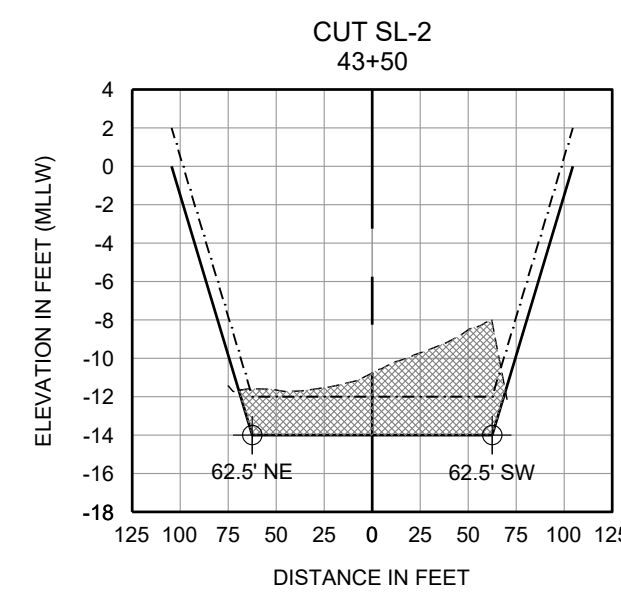
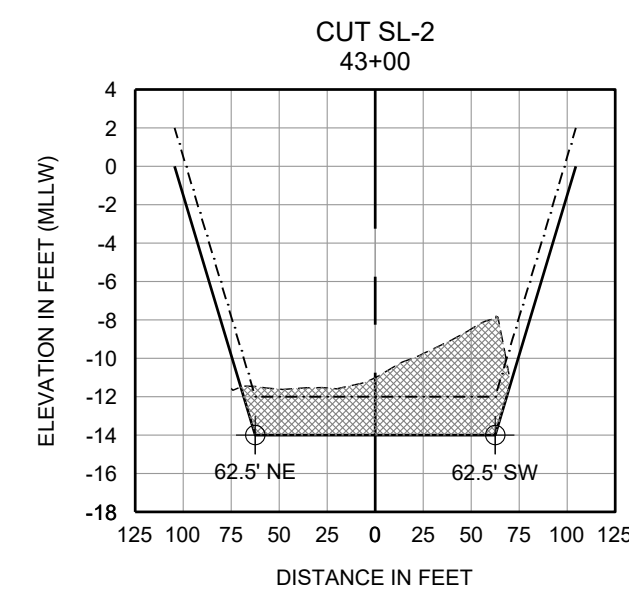
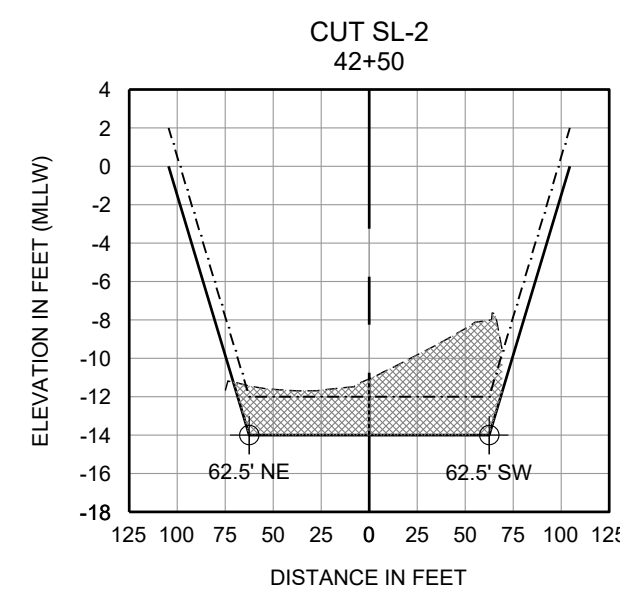
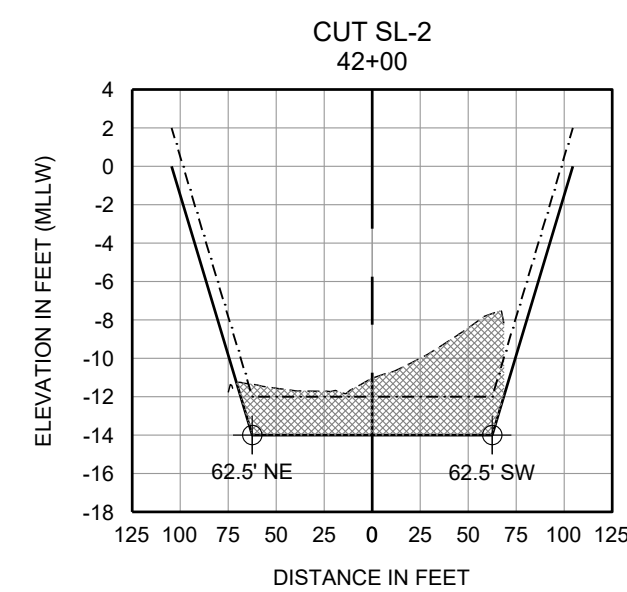
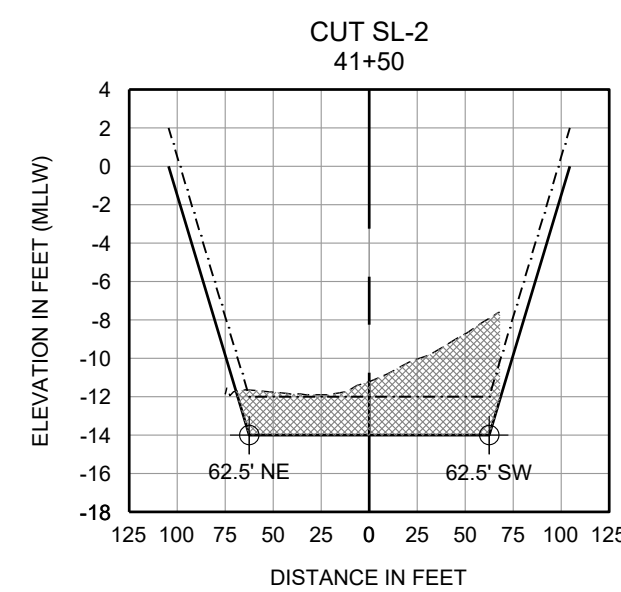
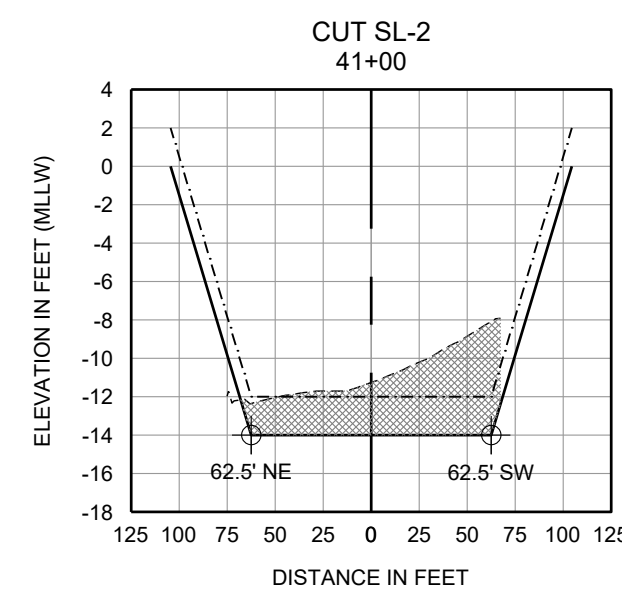
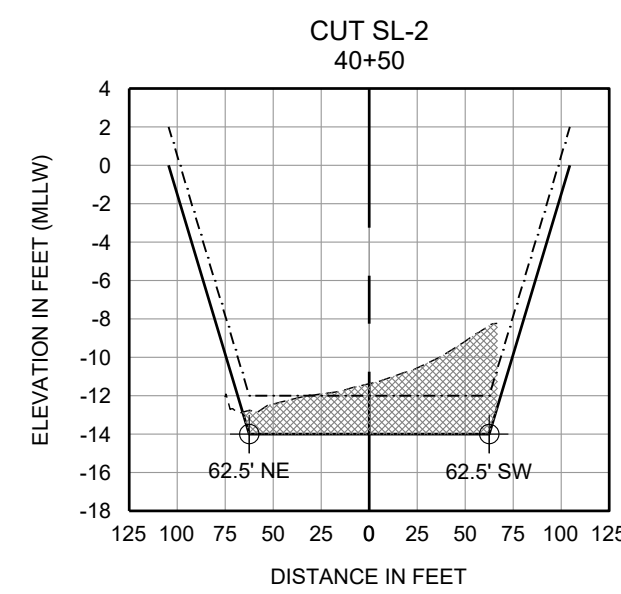
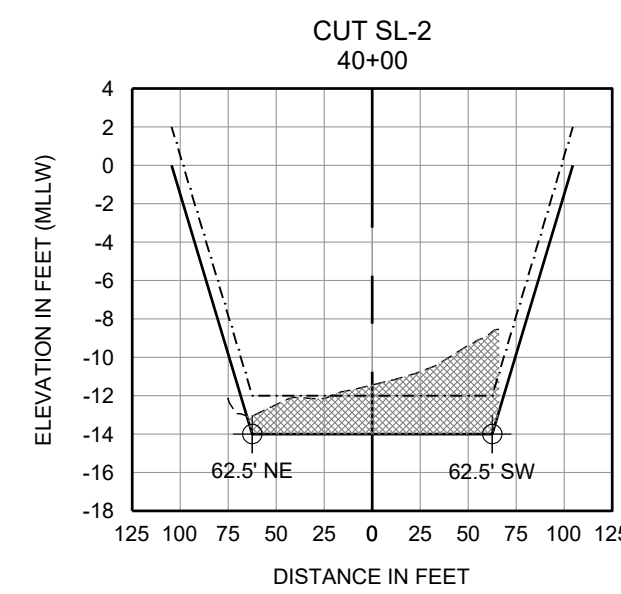
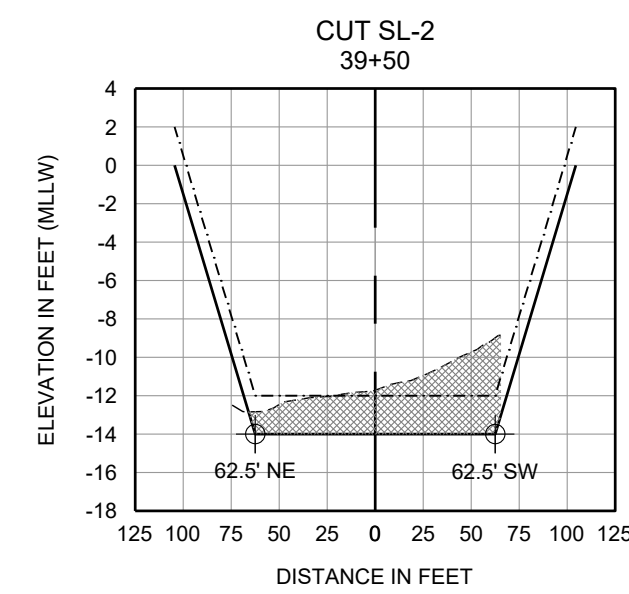
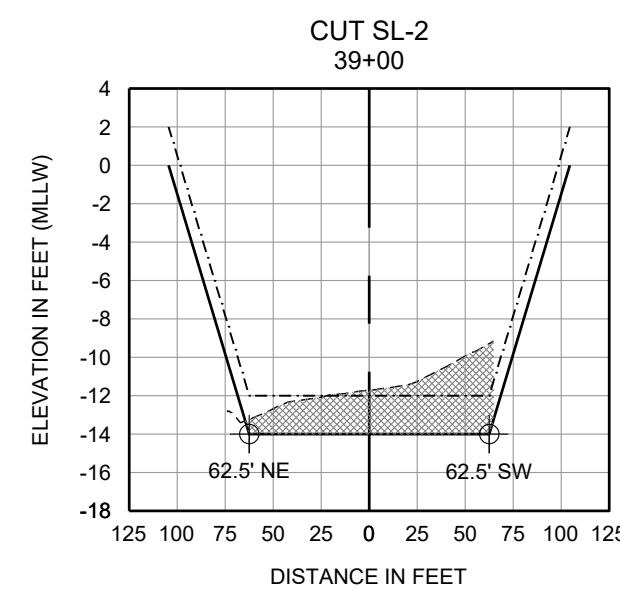
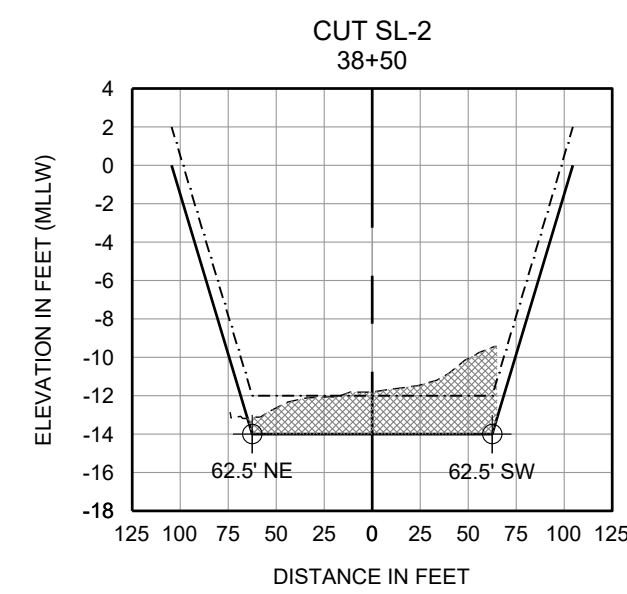
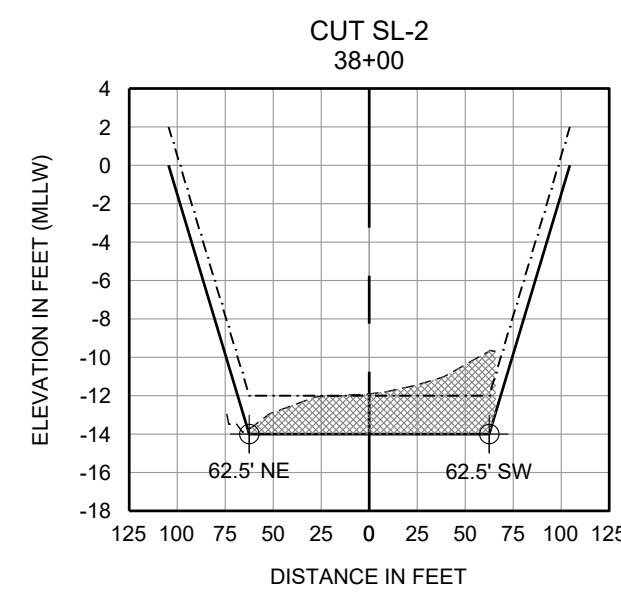
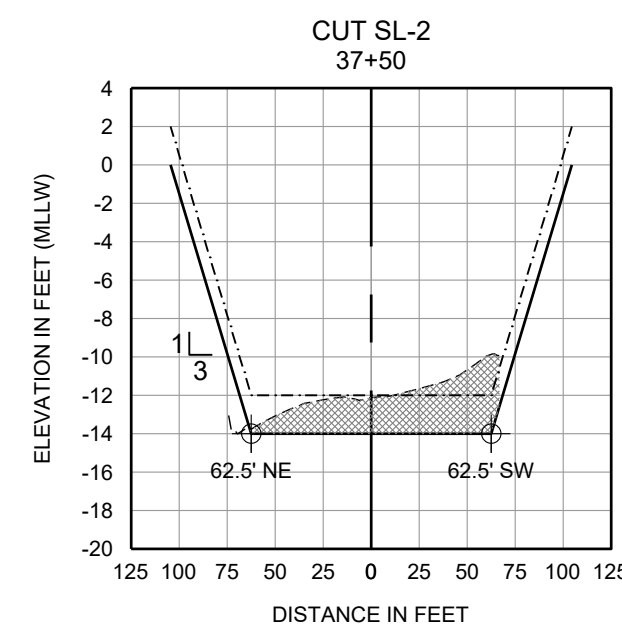
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DATE										FEB 2017
DESIGNED										LSB
DRAWN										CAS
CHECKED										WCA
REVIEWED										JWS
SCALE										AS SHOWN

DRAWING TITLE

TYPICAL DREDGE SECTIONS

C-6

SHEET 6 OF 15

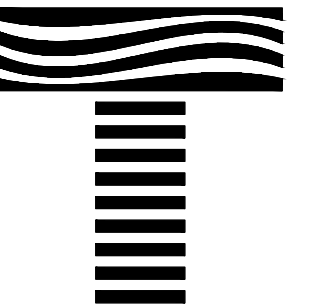


LEGEND

-----	EXISTING GRADE
-----	DESIGN CHANNEL TEMPLATE (-12' -10 FT MLLW)
=====	ALLOWABLE 2 FT OVERDREDGE
	DREDGED MATERIAL TO BE REMOVED



GRAPHIC SCALE
22X34: 1" = 100'
11X17: 1" = 200'
VERT. SCALE: 1" = 10' (22x34)
VERT. SCALE: 1" = 20' (11x17)



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CERTIFICATE OF AUTHORIZATION # 4815

SEAL

MICHAEL E. TRUDNAK P.E.# 58200

PROJECT TITLE

INTRACOASTAL WATERWAY
ST. LUCIE REACH 1
MAINTENANCE DREDGING
ST. LUCIE COUNTY, FLORIDA

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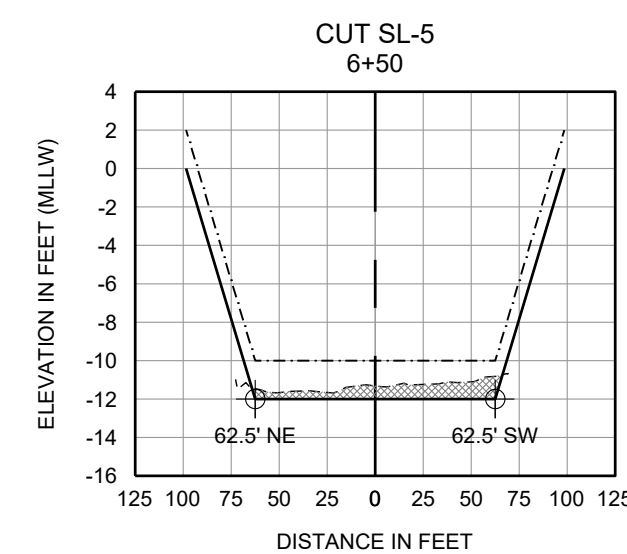
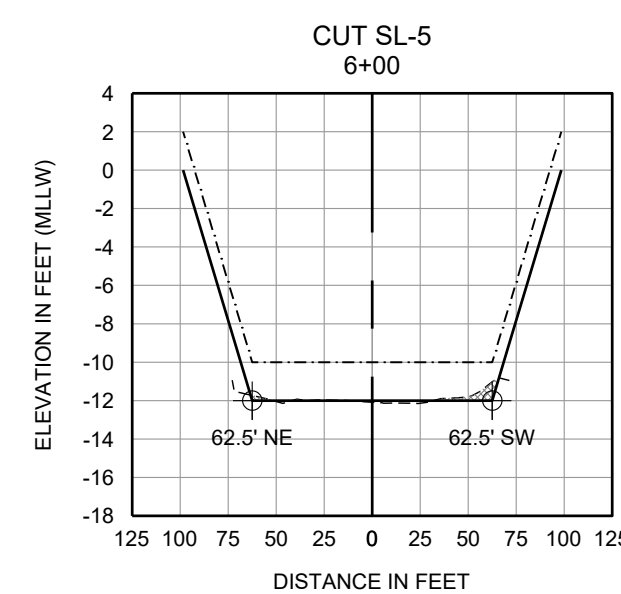
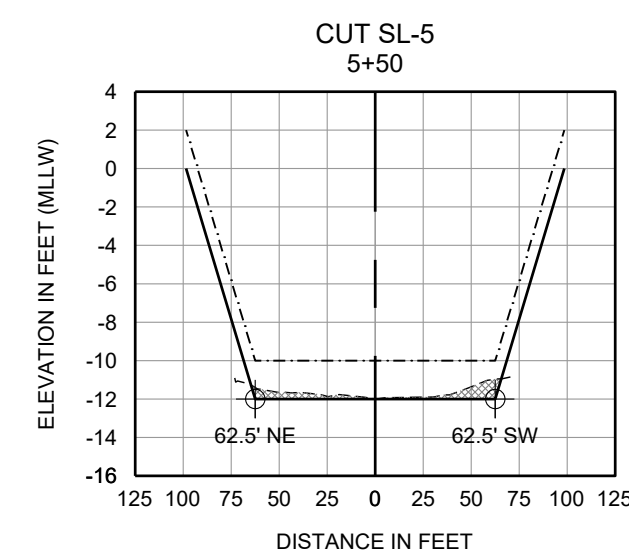
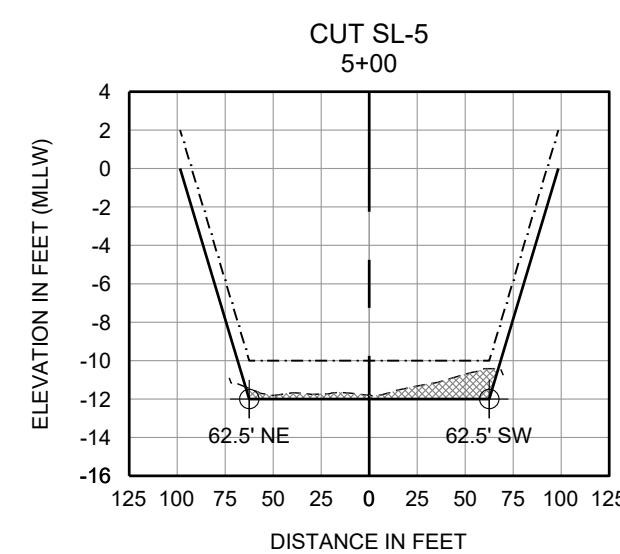
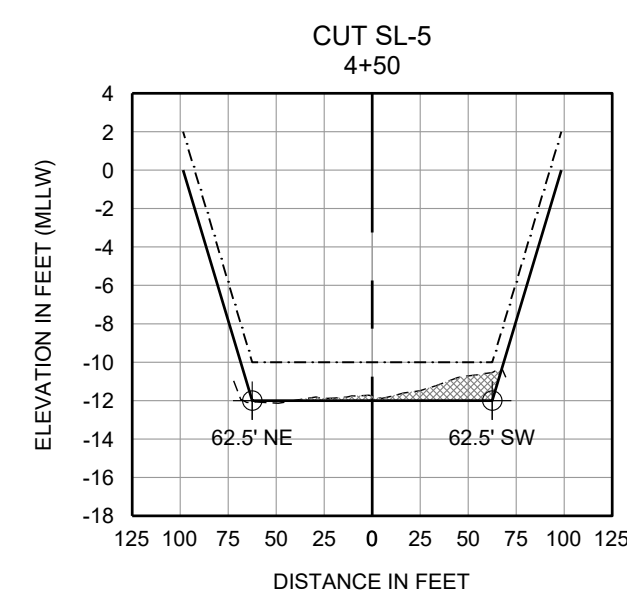
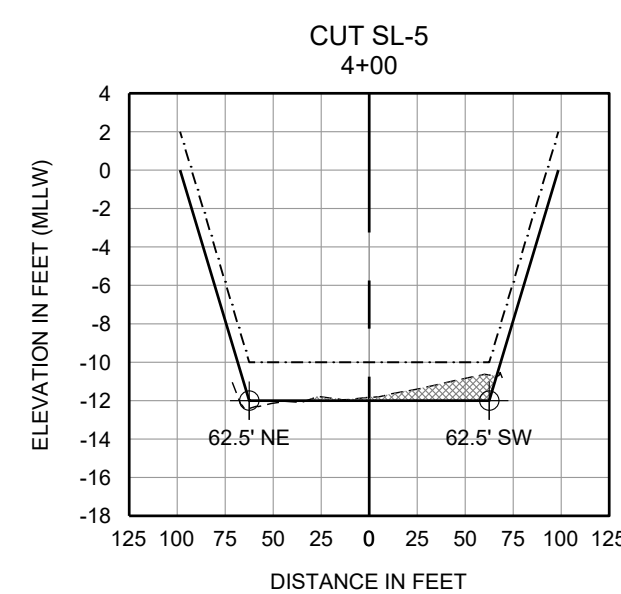
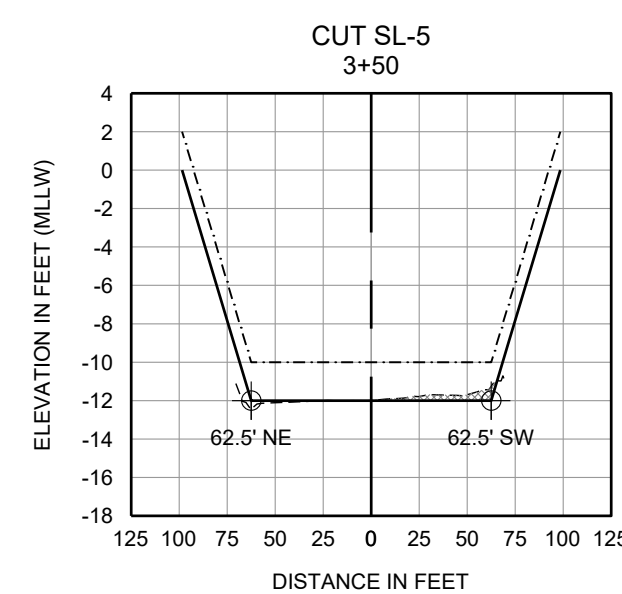
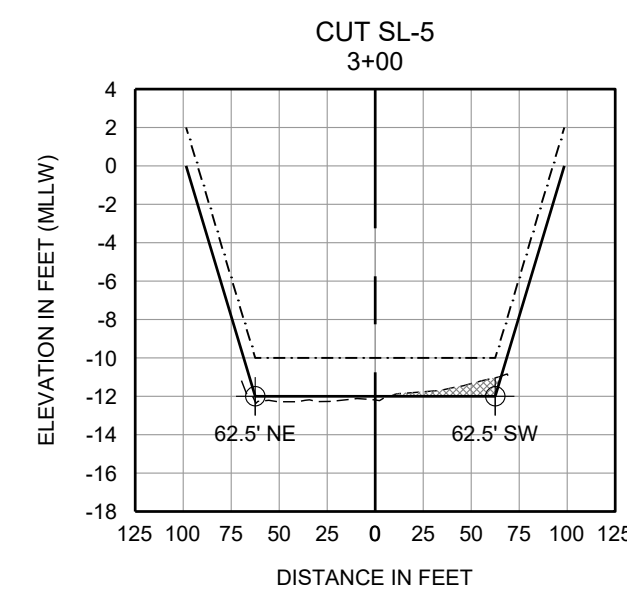
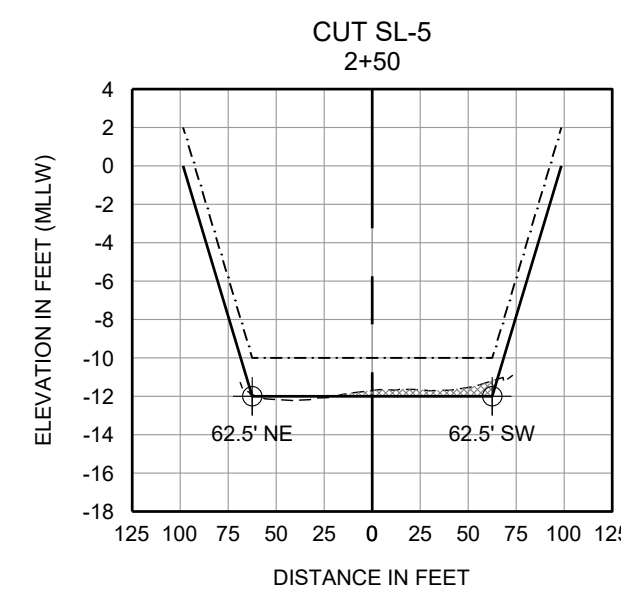
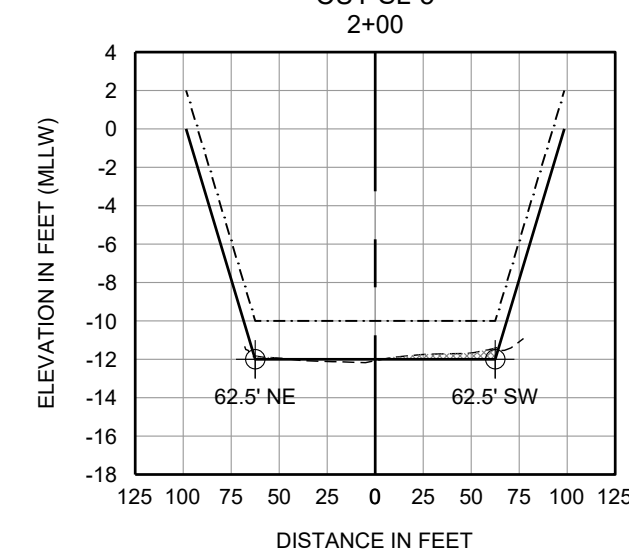
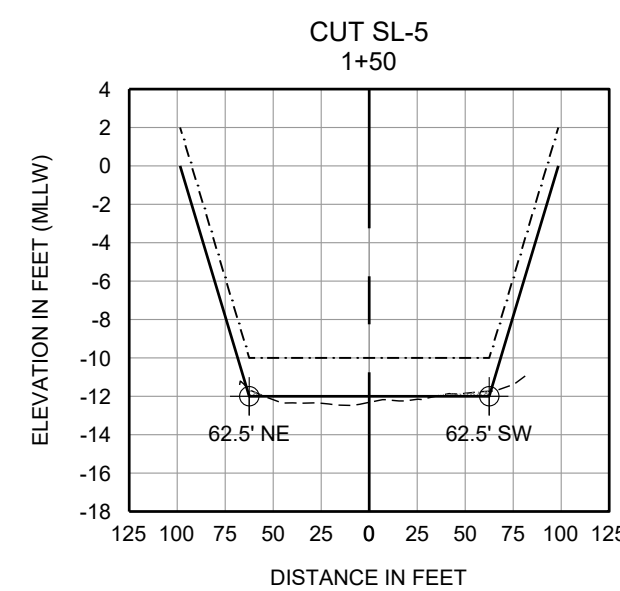
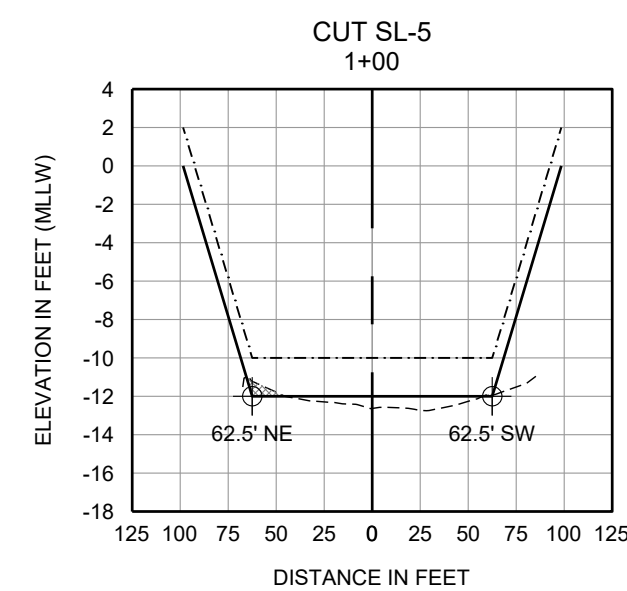
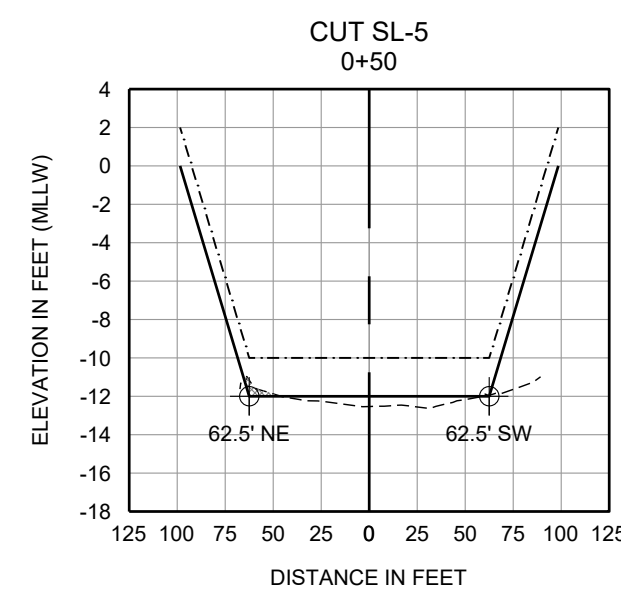
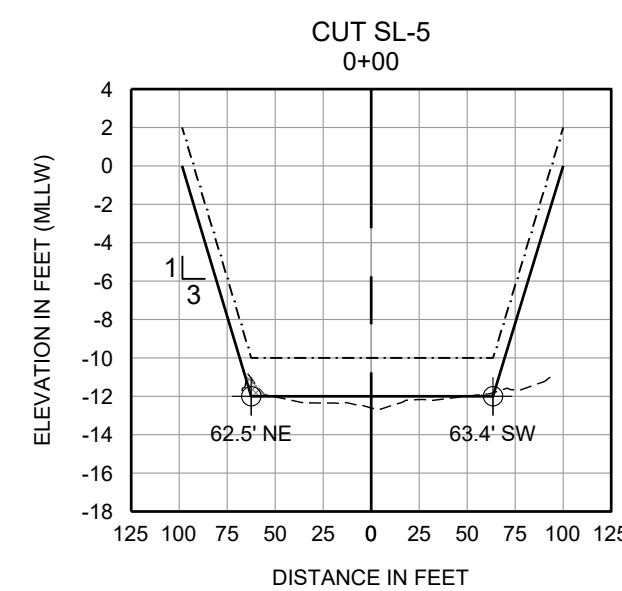
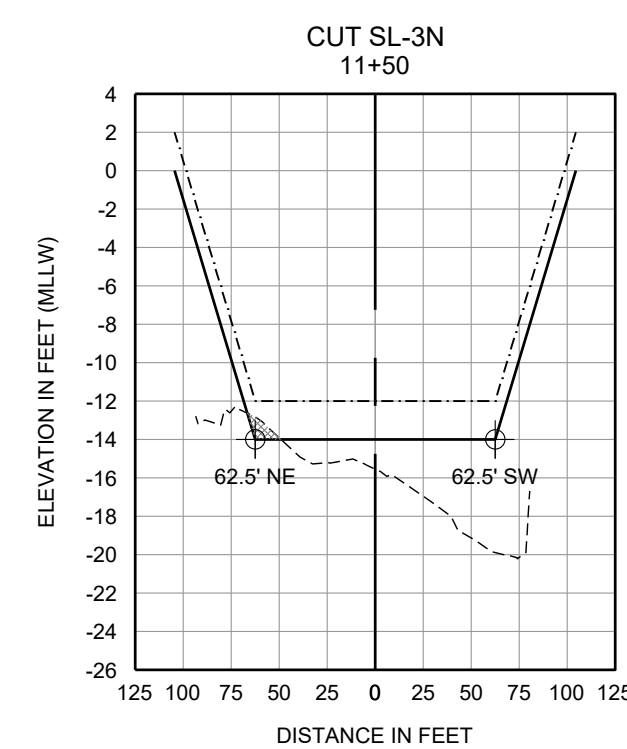
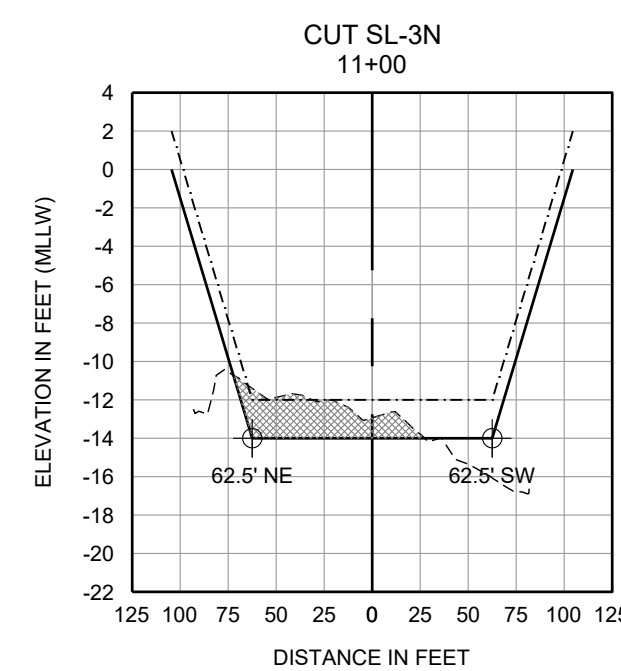
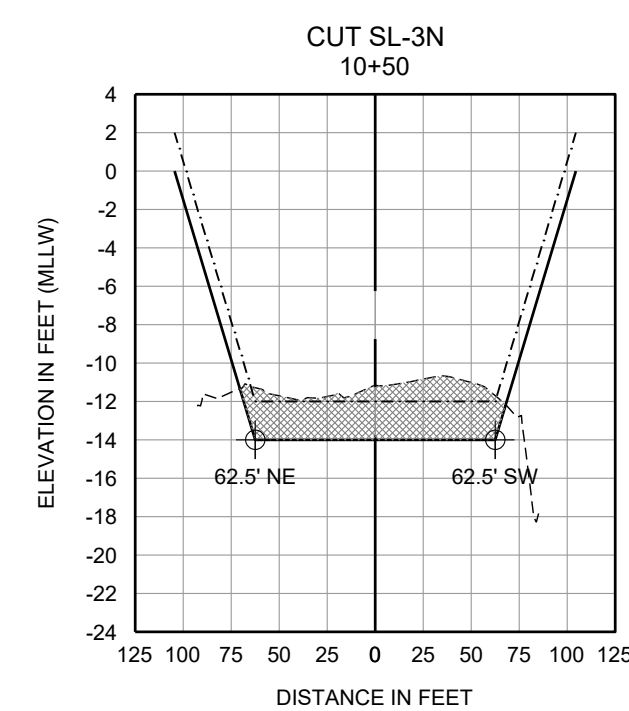
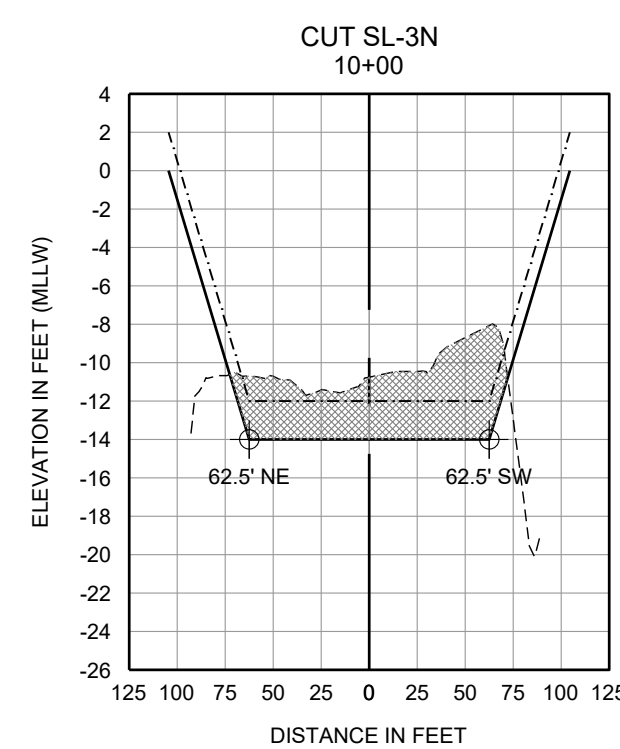
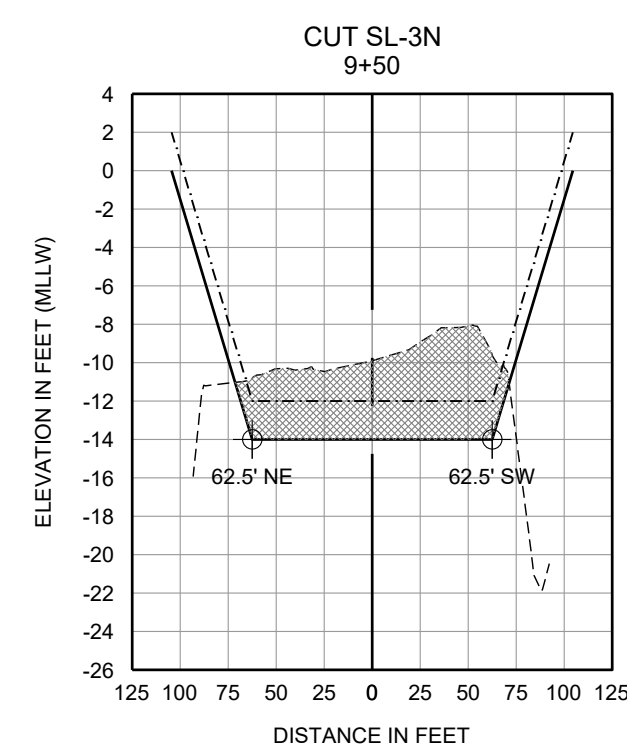
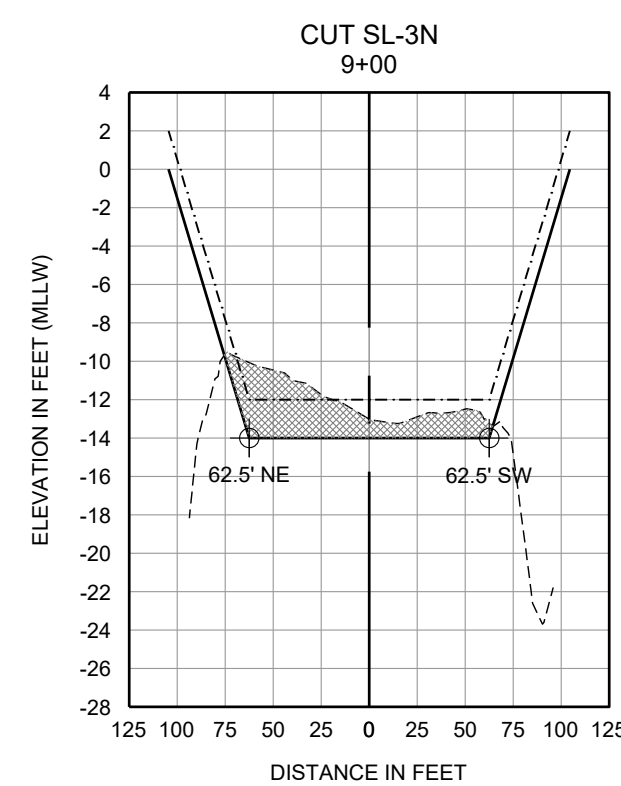
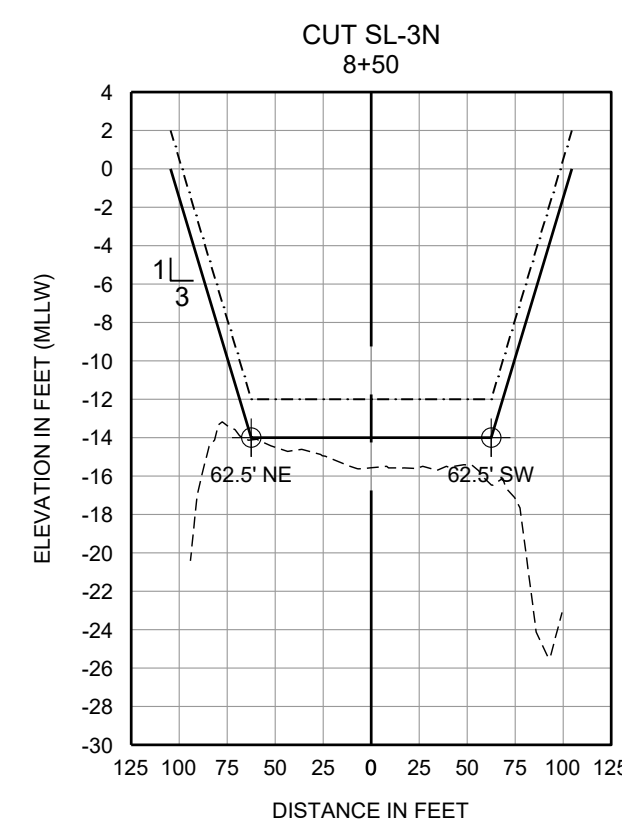
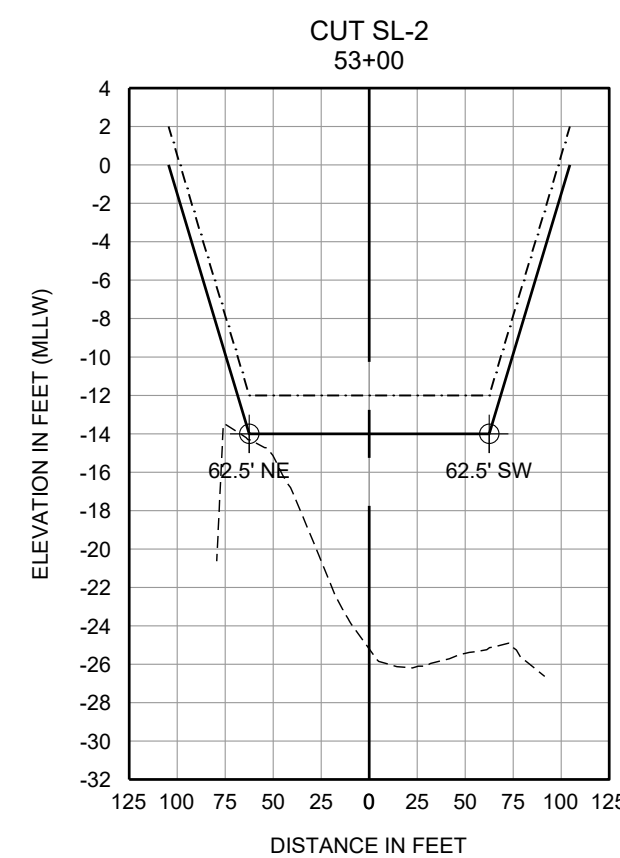
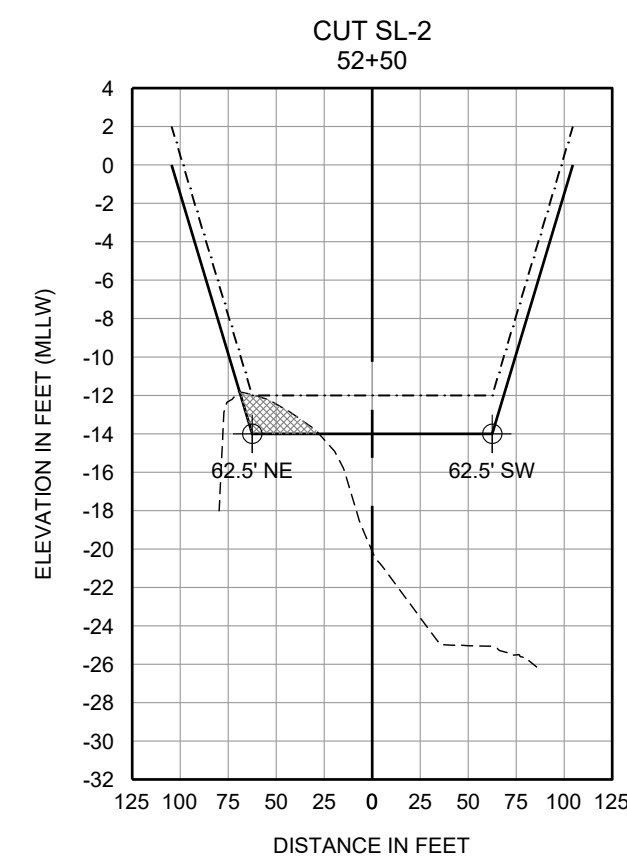
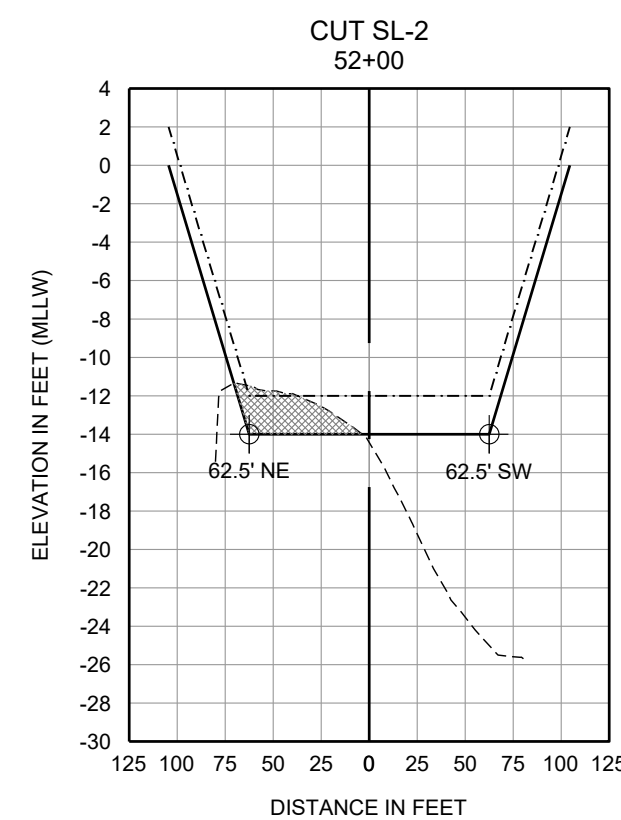
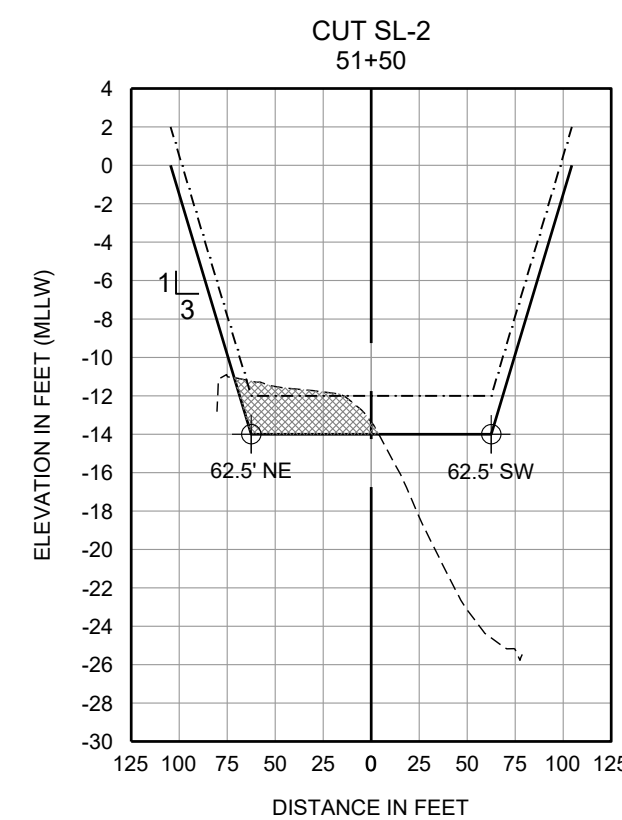
PROJECT NO	C2014-027-04
DATE	FEB 2017
DESIGNED	LSB
DRAWN	CAS
CHECKED	WCA
REVIEWED	JWS
SCALE	AS SHOWN

DRAWING TITLE

TYPICAL DREDGE SECTIONS

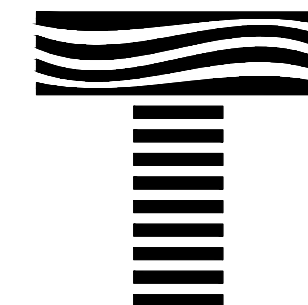
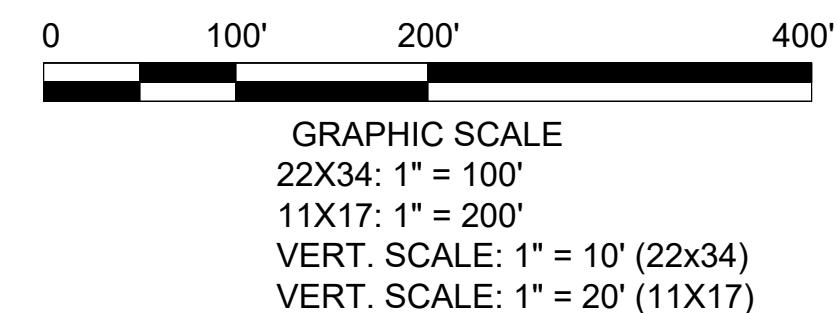
C-7

SHEET 7 OF 15



LEGEND

-----	EXISTING GRADE
-----	DESIGN CHANNEL TEMPLATE (-12 / -10 FT MLLW)
=====	ALLOWABLE 2 FT OVERDREDGE
	DREDGED MATERIAL TO BE REMOVED



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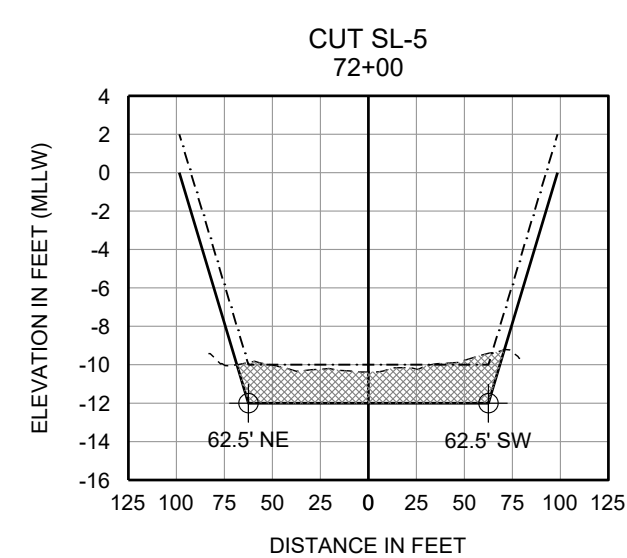
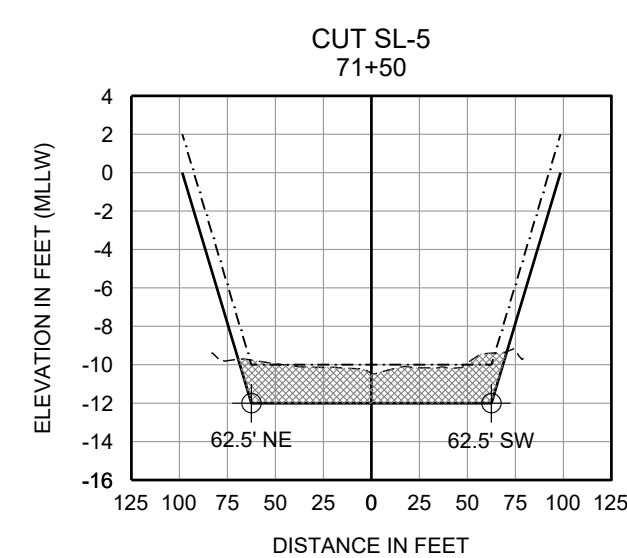
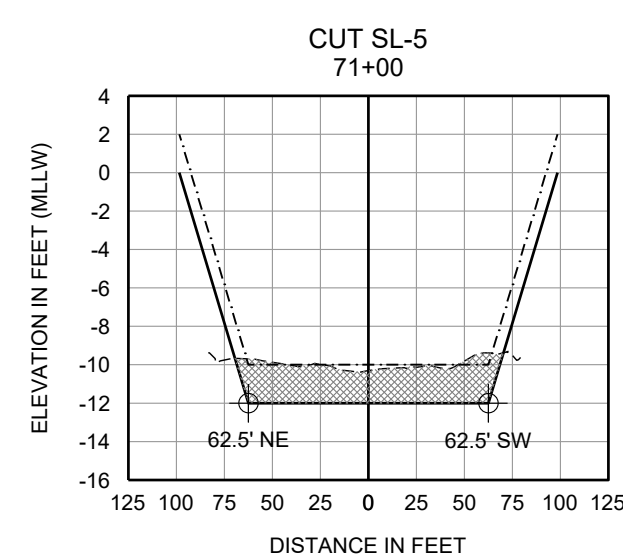
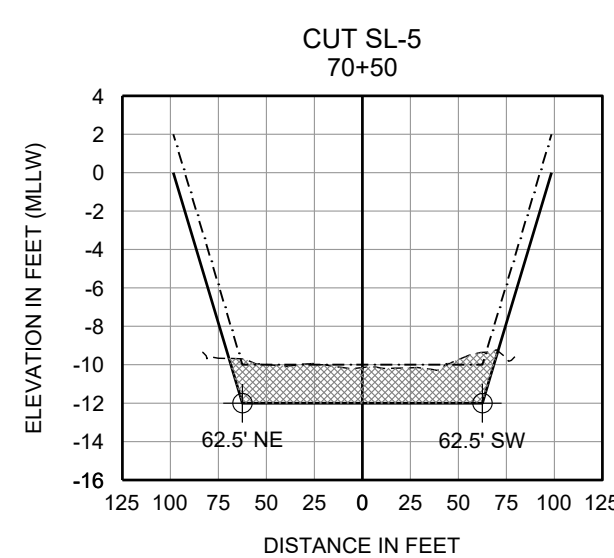
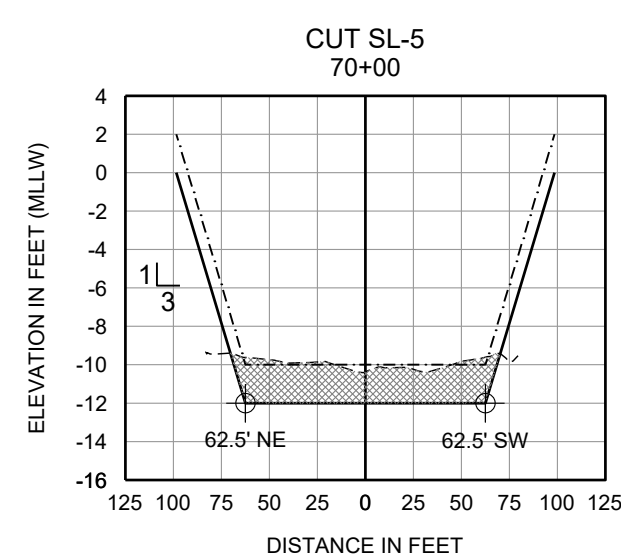
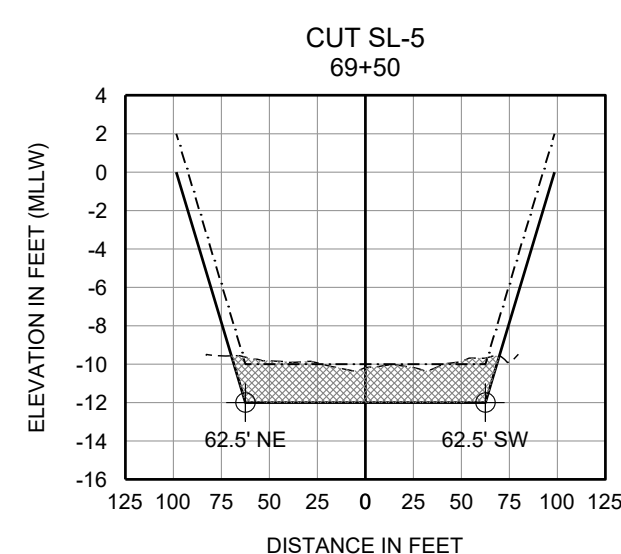
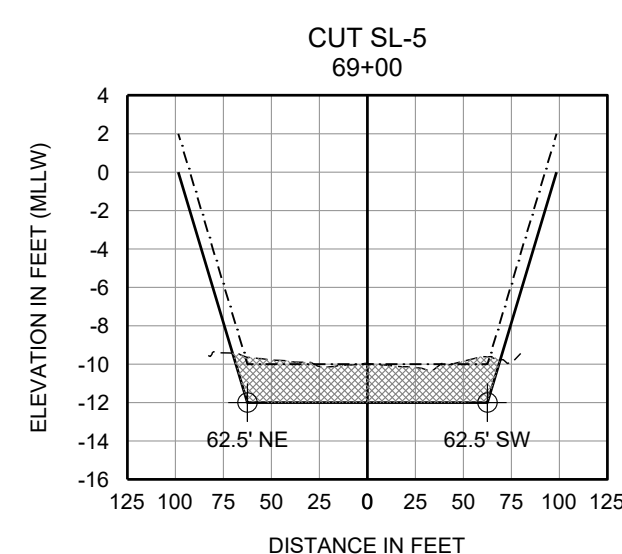
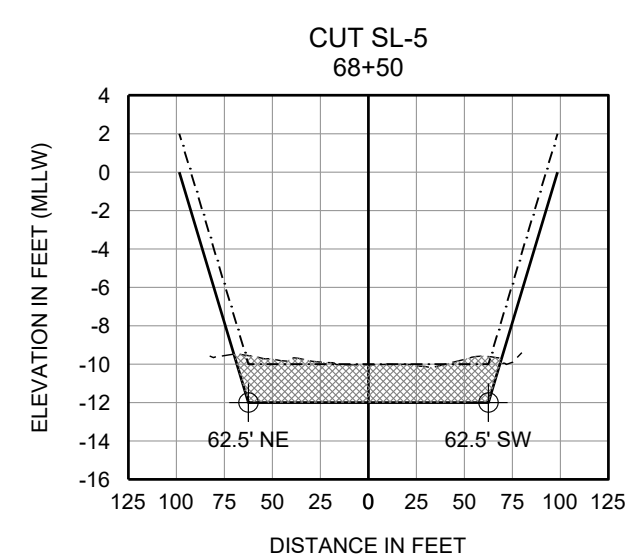
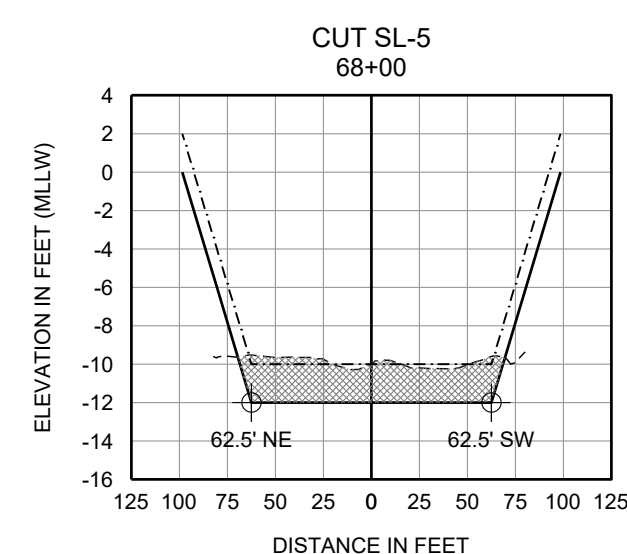
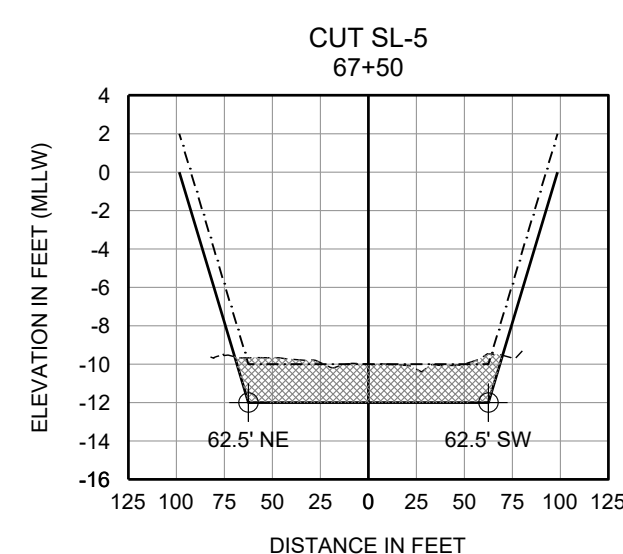
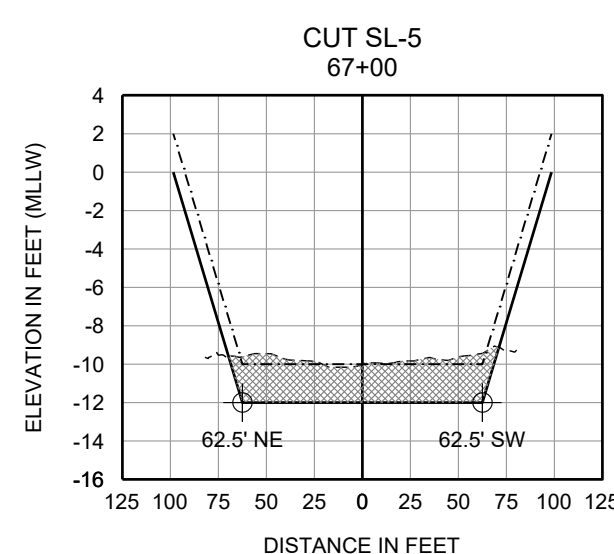
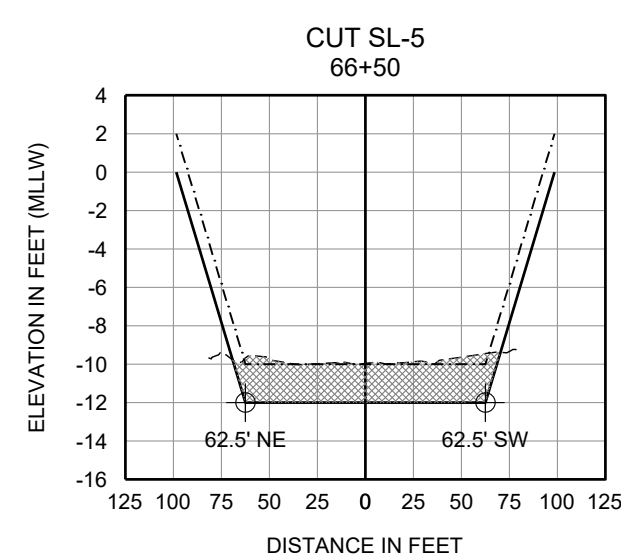
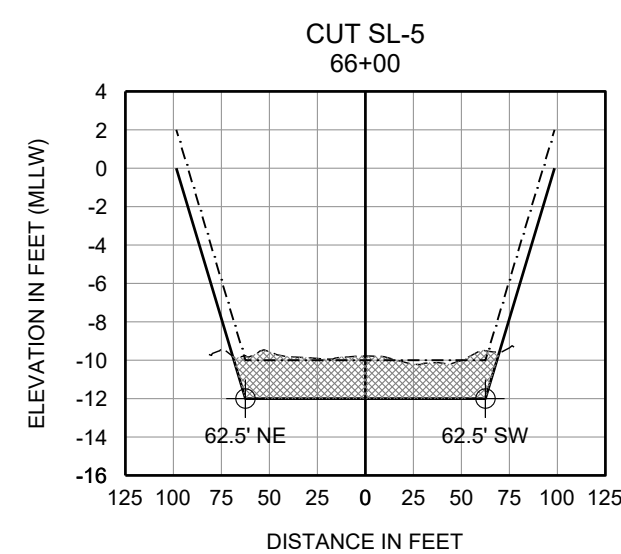
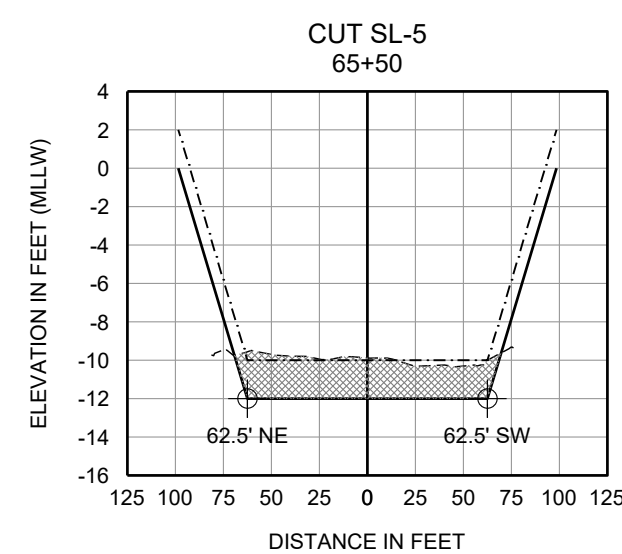
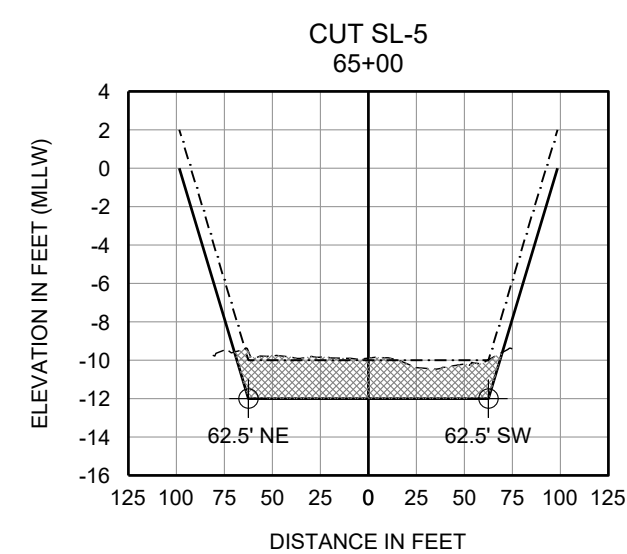
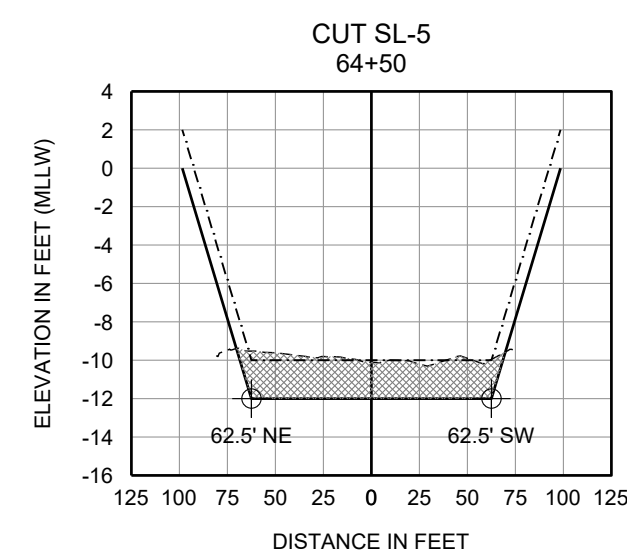
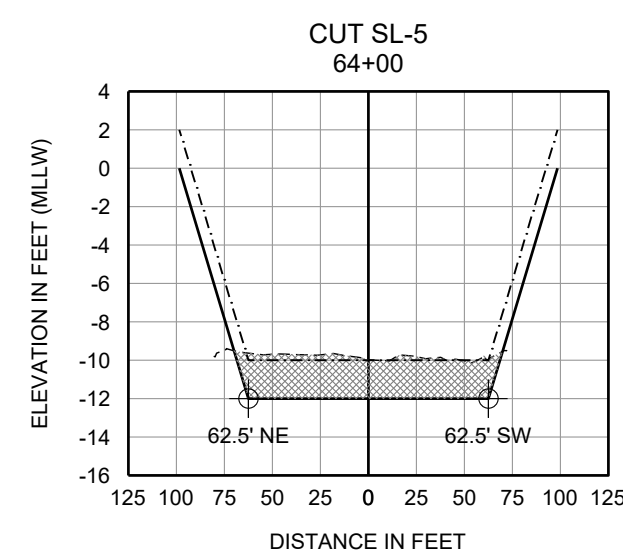
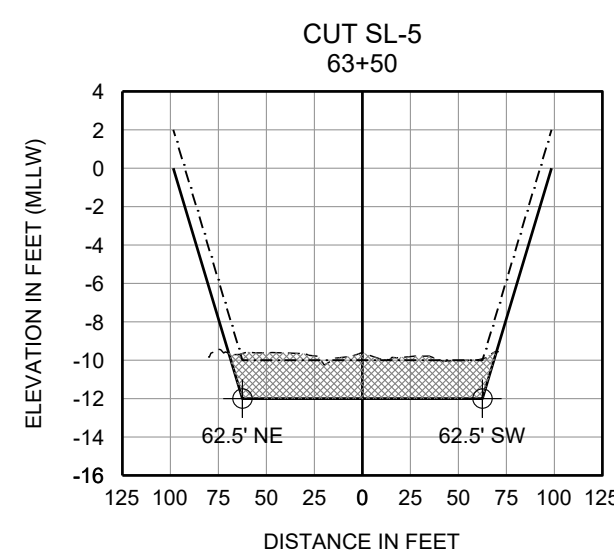
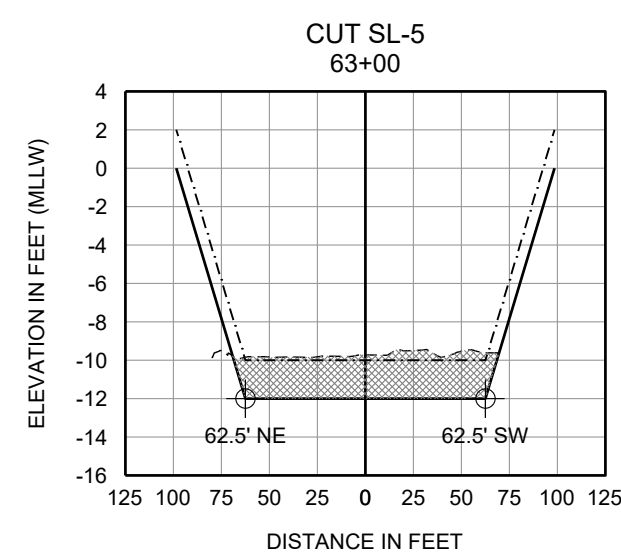
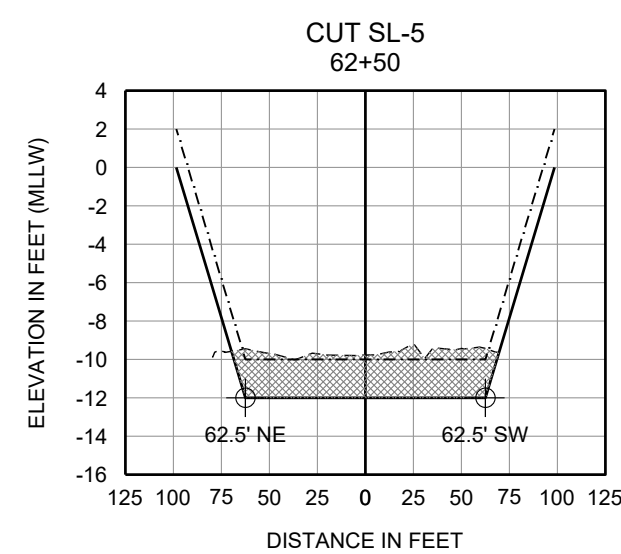
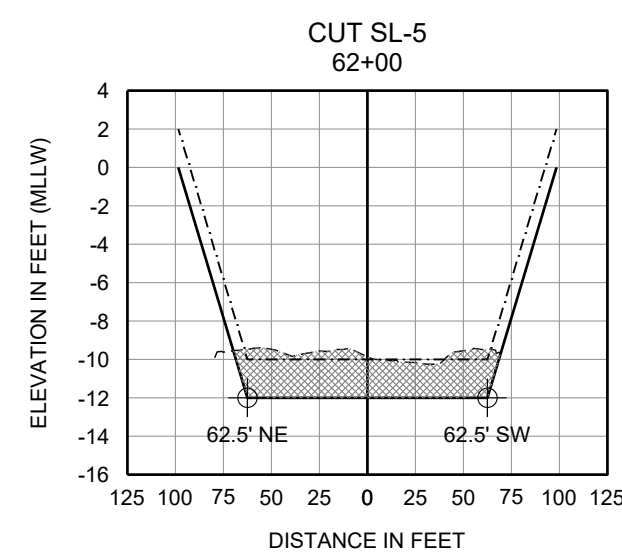
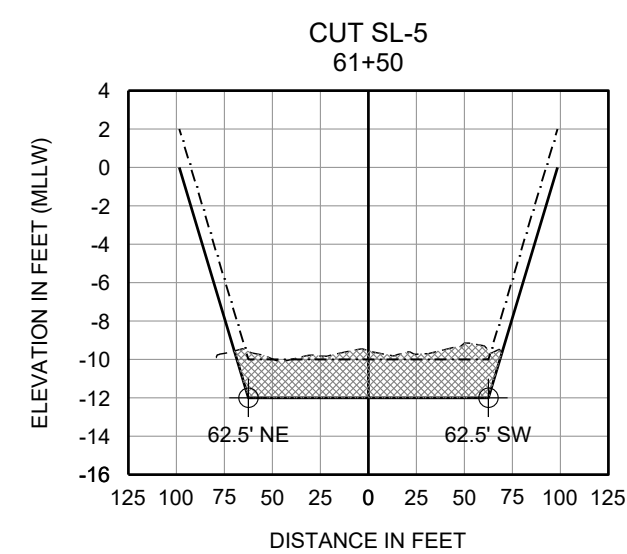
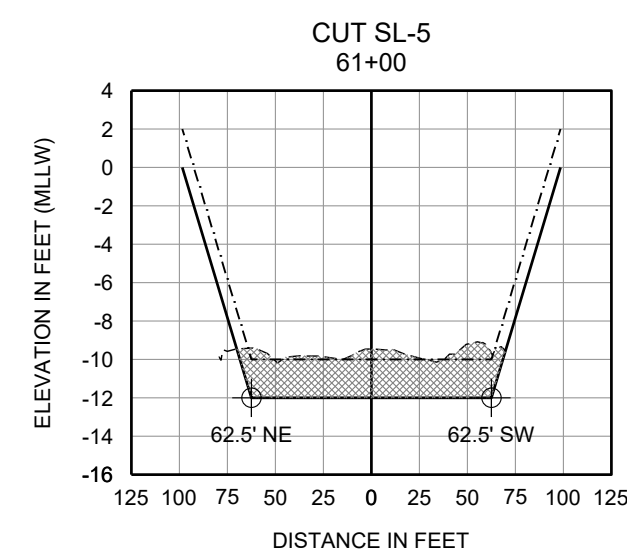
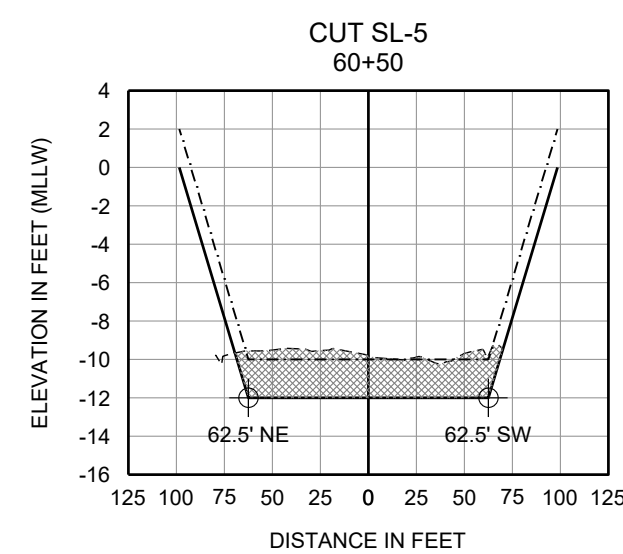
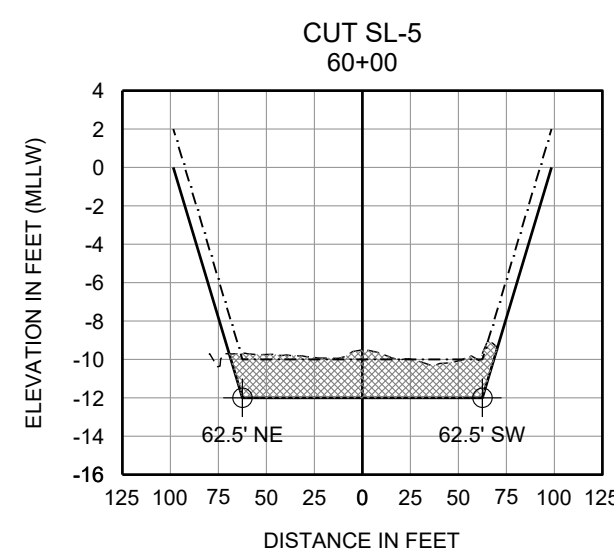
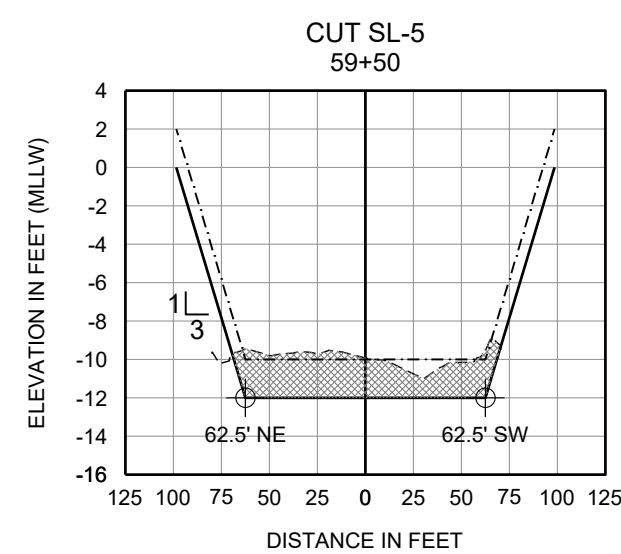
PROJECT NO	C2014-027-04
DATE	FEB 2017
DESIGNED	LSB
DRAWN	CAS
CHECKED	WCA
REVIEWED	JWS
SCALE	AS SHOWN

DRAWING TITLE

TYPICAL DREDGE SECTIONS

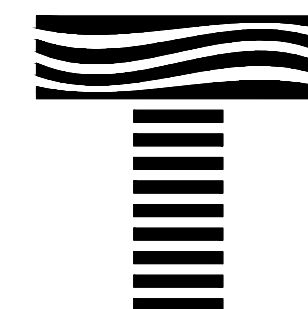
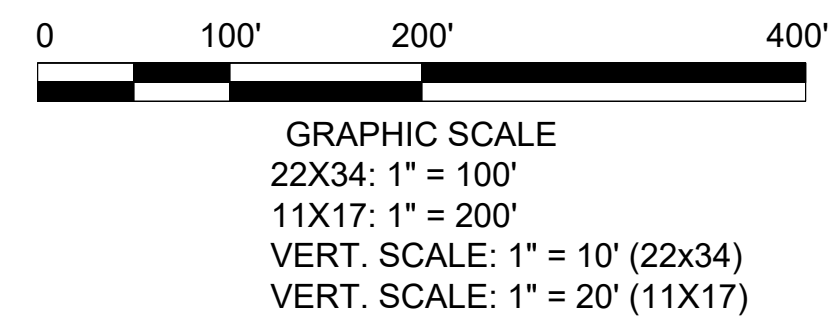
C-8

SHEET 8 OF 15



LEGEND

----- EXISTING GRADE
----- DESIGN CHANNEL TEMPLATE (-12 / -10 FT MLLW)
----- ALLOWABLE 2 FT OVERDREDGE
 DREDGED MATERIAL TO BE REMOVED



TAYLOR ENGINEERING INC.
10151 DEERWOOD PARK BLVD.
BLDG. 300, SUITE 300
JACKSONVILLE, FLORIDA 32256
(904)-731-7040

1655 PALM BEACH LAKES, SUITE 1012
WEST PALM BEACH, FLORIDA 33401
(561)-640-7310

CERTIFICATE OF AUTHORIZATION # 4815

SEAL

MICHAEL E. TRUDNAK P.E.# 58200

PROJECT TITLE

INTRACOASTAL WATERWAY
ST. LUCIE REACH 1
MAINTENANCE DREDGING
ST. LUCIE COUNTY, FLORIDA

Always call 811 two full business days before you dig.

Sunshine811.com

[illegible]

PROJECT NO	C2014-027-04
DATE	FEB 2017
DESIGNED	LSB
DRAWN	CAS
CHECKED	WCA
REVIEWED	JWS
SCALE	AS SHOWN

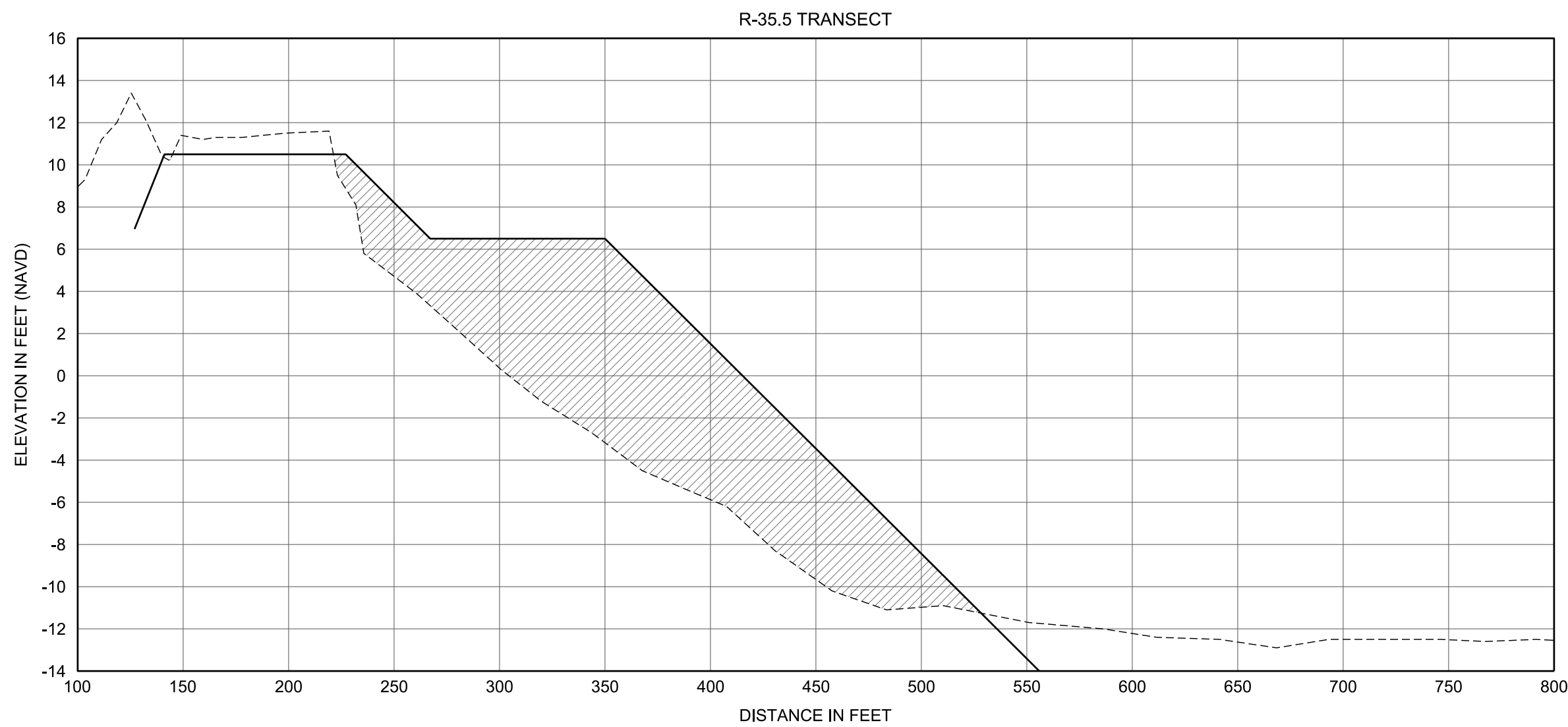
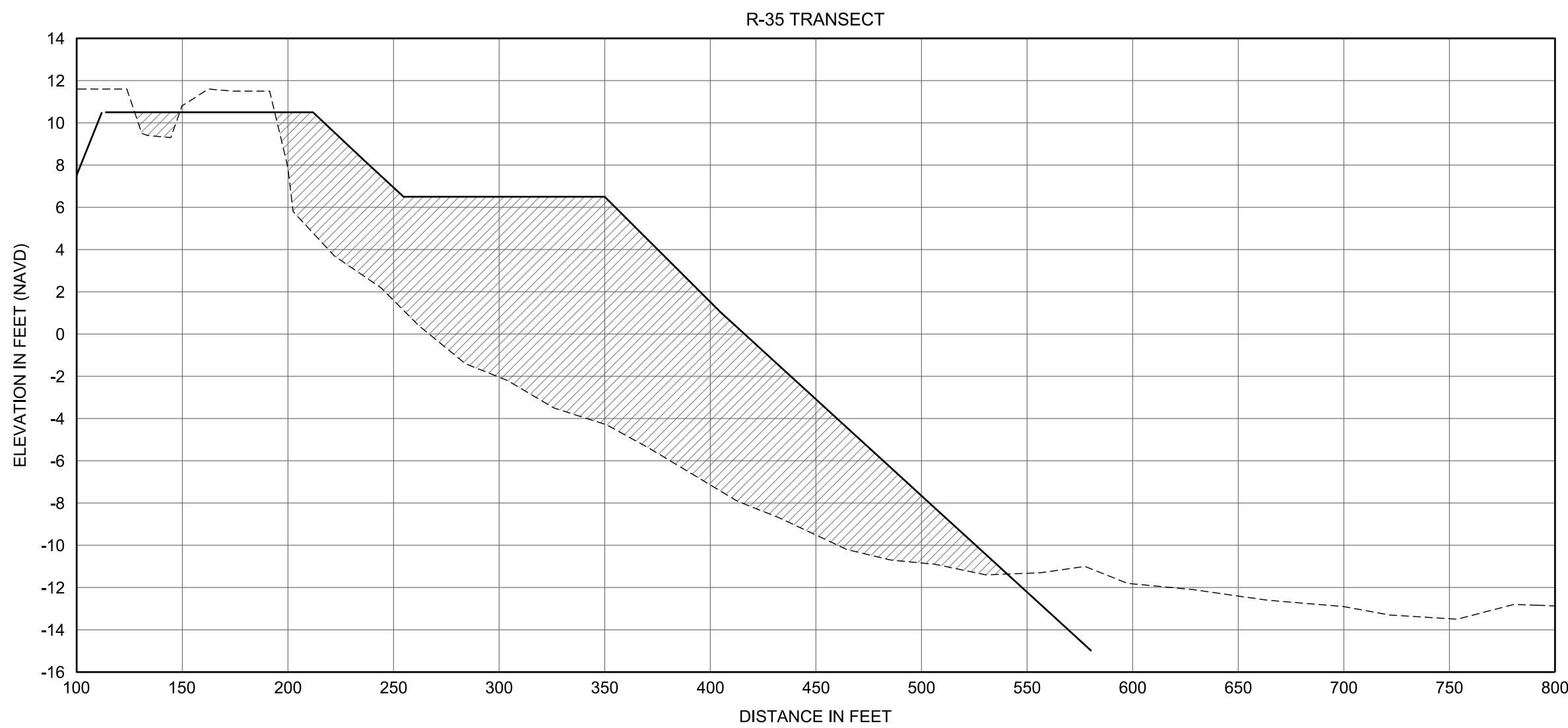
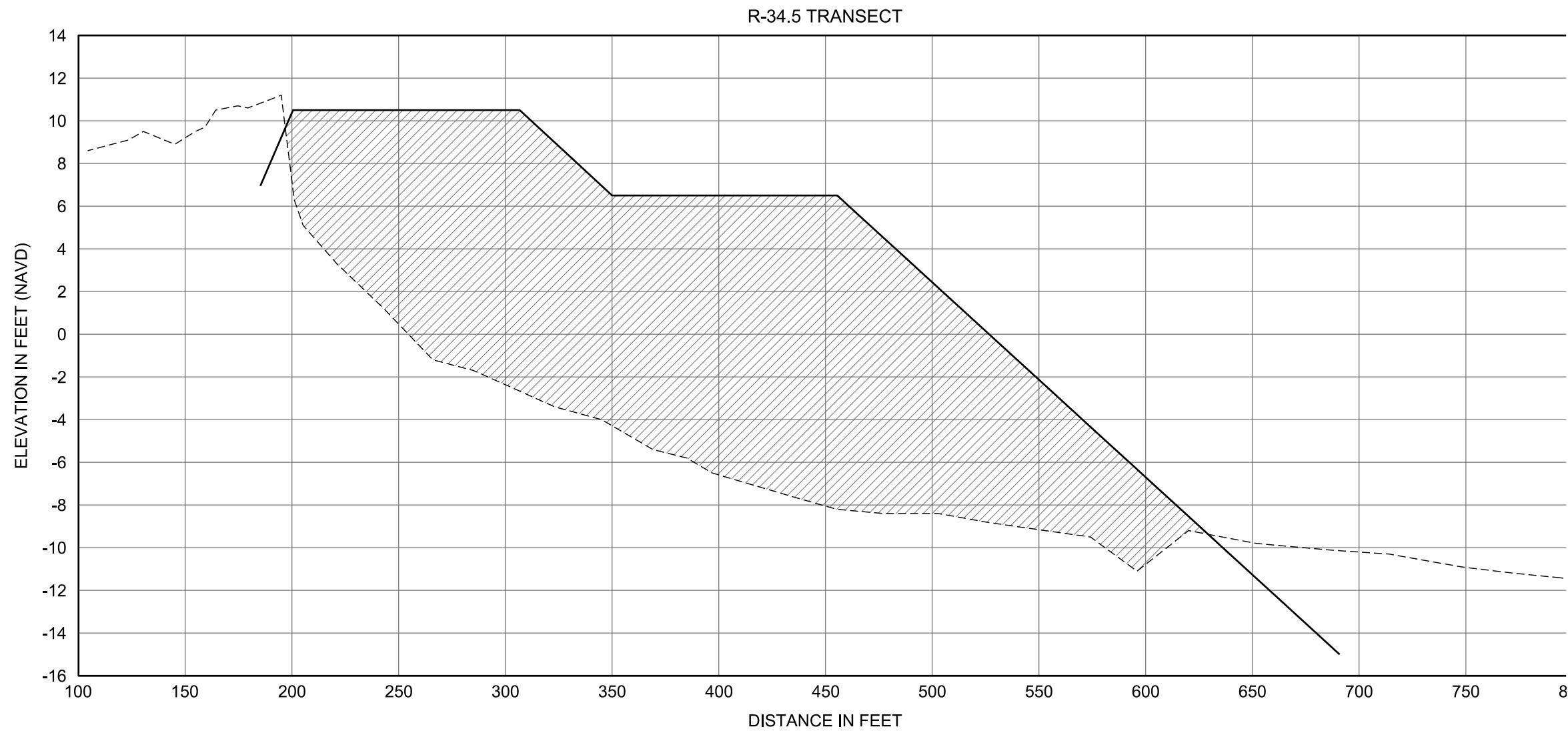
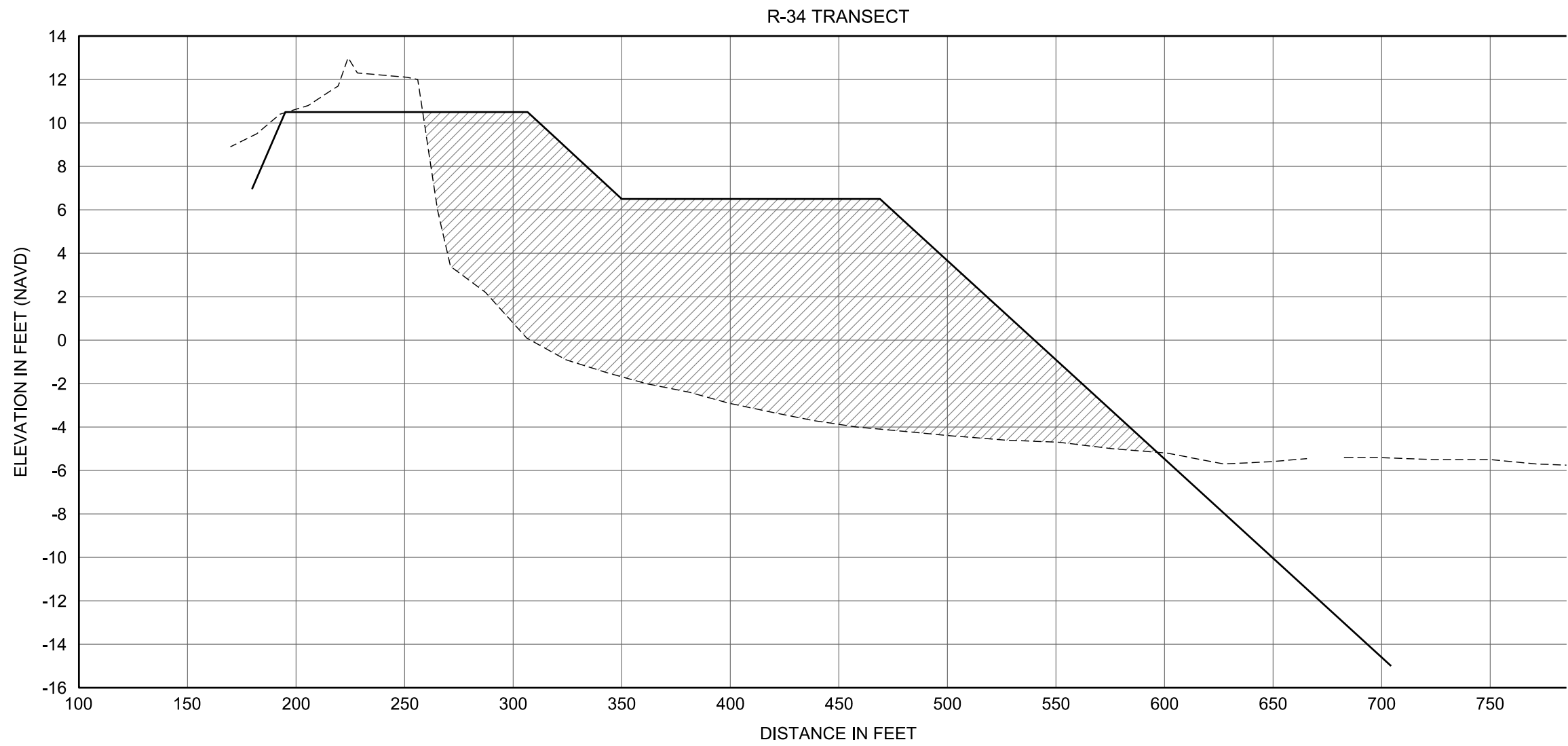
DRAWING TITLE

TYPICAL DREDGE SECTIONS

C-12

SHEET 12 OF 15

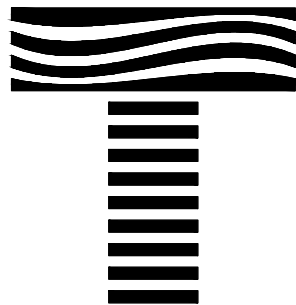
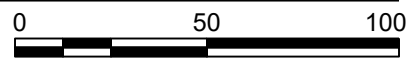
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----- EXISTING GRADE (JAN 2017)
————— FINISH GRADE

TYPICAL BEACH FILL SECTIONS AT R-MONUMENTS

22X34: 1" = 50'
11X17: 1" = 100'
VERT. SCALE: 1" = 5' (22x34)
VERT. SCALE: 1" = 10' (11x17)



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CERTIFICATE OF AUTHORIZATION # 4815

SEAL

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PROJECT TITLE

**INTRACOASTAL WATERWAY
ST. LUCIE REACH 1
MAINTENANCE DREDGING
ST. LUCIE COUNTY, FLORIDA**

Always call 811 two full business days before you dig



															DATE
															REVISIONS / SUBMISSIONS
															ZONE
															NO

PROJECT NO	C2014-027-04
DATE	FEB 2017
DESIGNED	LSB
DRAWN	CAS
CHECKED	WCA
REVIEWED	JWS
SCALE	AS SHOWN

DRAWING TITLE

BEACH DISPOSAL SECTIONS

C-14

SHEET 14 OF 15

