

Contract Drawings For

# City of South Padre Island

## Tompkins Channel Maintenance Dredging

Project No.  
 10342899

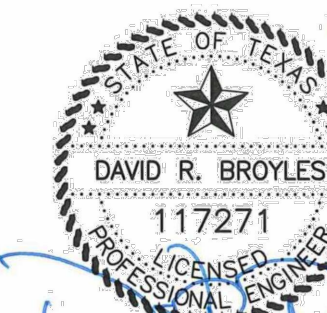
South Padre Island, Texas  
 October 2023

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*Daniel E. Garza* 10/09/2023



*DRB* 10/9/2023



**GENERAL REQUIREMENTS:**

1. THE DETAILED REQUIREMENTS FOR ALL ITEMS DESCRIBED IN THE GENERAL NOTES ARE CONTAINED IN THE SPECIFICATIONS.
2. CONTRACTOR SHALL NOT COMMENCE ANY CONSTRUCTION OPERATION UNTIL THE CONTRACTOR HAS VERIFIED THAT CONSTRUCTION / ENVIRONMENTAL PERMITS FOR THIS PROJECT HAVE BEEN ACQUIRED.
3. CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL ELEVATIONS, COORDINATES, DIMENSIONS, EXISTING CONDITIONS, AND INFORMATION INDICATED ON THE CONTRACT DOCUMENTS PRIOR TO COMMENCEMENT OF WORK. THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND ON THE CONTRACT DOCUMENTS OR FOUND TO EXIST BETWEEN THE FIELD CONDITIONS AND THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL TAKE CORRECTIVE ACTION AS DIRECTED BY THE OWNER.
4. THE LOCATION AND DEPTH OF UTILITIES SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR BEFORE WORK COMMENCES. PRIOR TO BEGINNING ANY WORK IN THE AREA OF EXISTING UTILITIES, THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES OWNER FOR EXACT LOCATIONS AND DEPTHS TO PREVENT ANY DAMAGE OR INTERFERENCE WITH PRESENT FACILITIES.
5. THE CONTRACTOR SHALL NOTIFY THE TEXAS ONE CALL (811) AND ALL KNOWN UTILITY OWNERS WITHIN THE WORK AREA AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION OPERATIONS. THIS ACTION HOWEVER, SHALL IN NO WAY BE INTERPRETED AS RELIEVING THE CONTRACTOR OF THE RESPONSIBILITY UNDER THE TERMS OF THE CONTRACT AS SET OUT IN THE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY HIS OPERATIONS AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE UTILITY COMPANY INVOLVED.
6. CONTRACTOR SHALL ADHERE TO THE CURRENT PUBLICATION OF "WORKING SAFELY NEAR UNDERWATER PIPELINES" DEVELOPED BY COASTAL AND MARINE OPERATORS GROUP (CAMO) AND THE LAKE PONTCHARTRAIN BASIN FOUNDATION (LPBF). <http://www.camogroup.org/wp-content/uploads/2019/11/working-safely-near-underwater-pipelines.pdf>
7. THE CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE US ARMY CORPS OF ENGINEERS (USACE) PERMITS FOR THIS PROJECT. REFER TO US ARMY CORPS OF ENGINEERS PERMIT NO. SWG-1996-00028 AND PERMIT NO. 22969.
8. ALL EXISTING ROADWAYS AND OTHER FEATURES WHICH ARE DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
9. CONTRACTOR SHALL MAINTAIN ALL REGULATORY AND WARNING SIGNS DURING THE CONSTRUCTION PERIOD.
10. CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO AS TO NOT INTERFERE WITH, OR BE DETRIMENTAL TO VESSEL AND VEHICULAR TRAFFIC AND THE DAILY OPERATION OF THE PUBLIC DURING THE COURSE OF THE WORK.
11. THE CONTRACTOR SHALL PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH OSHA AND CONTRACT DOCUMENTS.
12. THE CONTRACTOR SHALL OBTAIN A TEMPORARY CONSTRUCTION EASEMENT FROM THE PRIVATE LANDOWNER OF LOT 3 PRIOR TO DEVELOPMENT OF THE UPLAND DMPA. REFER TO SPECIFICATIONS SECTION VI. GENERAL AND SPECIAL CONDITIONS OF AGREEMENT, PARAGRAPH 13 - MEMORANDUM OF UNDERSTANDING FOR ADDITIONAL INFORMATION.
13. AS A PROVISION TO THE TEMPORARY CONSTRUCTION EASEMENT, THE CONTRACTOR SHALL PAY THE PRIVATE LANDOWNER A SET FEE BASED ON COMPLETING THE PROJECT WITHIN THE ALLOWED TIME PERIOD. AS ADDITIONAL MONTHLY FEE WILL BE ACCESSED IN THE TIME PERIOD IS EXCEEDED. REFER TO SPECIFICATION SECTION II. BID TERMS AND CONDITIONS, PAR H - CONTRACT TIME AND SECTION VI. GENERAL AND SPECIAL CONDITIONS OF AGREEMENT, PARAGRAPH 13 - MEMORANDUM OF UNDERSTANDING FOR ADDITIONAL INFORMATION.

**HORIZONTAL AND VERTICAL CONTROL:**

1. HYDROGRAPHIC SURVEY WAS PERFORMED BY T. BAKER SMITH, ON 6-10 AND 20-24 OF FEBRUARY, 2023.
2. HORIZONTAL COORDINATES SHOWN ARE STATE PLANE GRID, NAD83, TEXAS SOUTH ZONE, IN U.S. FEET.
3. VERTICAL DATUM SHOWN ON THESE DRAWINGS IS MEAN LOWER LOW WATER (MLLW) IN U.S. FEET.
4. MONUMENTS USED FOR HORIZONTAL AND VERTICAL CONTROL ARE AS FOLLOWS:

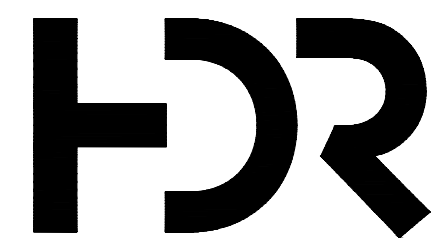
"BRAZOS"	N	16,554,943.90'
	E	1,422,679.84'
	EL.	+5.0' MLLW (+4.1' NAVD 88)

5. DATUM CORRELATION TABLE AS DEFINED BY SOUTH PADRE ISLAND COAST GAURD STATION, TX (ID # 8779748):

	MLLW	NAVD '88
MEAN HIGHER HIGH WATER (MHHW)	+1.37'	+0.44'
NORTH AMERICAN VERTICAL DATUM 1988 (NAVD'88)	+0.93'	+0.00'
MEAN LOWER LOW WATER (MLLW)	+0.00'	-0.93'

WATER SURFACE RANGE BETWEEN MLLW AND MHHW REPRESENTS A NORMAL STATISTICAL WATER SURFACE RANGE. THE WATER SURFACE WILL ON OCCASION BE HIGHER OR LOWER THAN THIS RANGE.

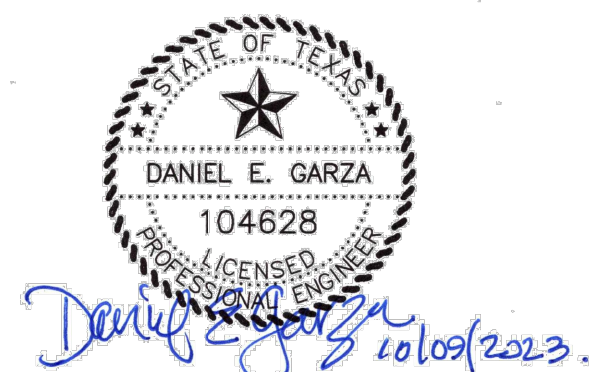
6. GRAIN SIEVE ANALYSES WERE PERFORMED ON THE TEN SOIL SAMPLES OF MATERIAL WERE OBTAINED FROM THE CHANNEL IN LOCATIONS AS INDICATED ON THE DRAWINGS. THE LOCATIONS WERE SELECTED AT AREAS THAT INDICATED GREATER SHOALING IN A PREVIOUS SURVEY. REFER TO SPECIFICATION SECTION 35 20 23 - DREDGING, EXHIBIT A FOR THE DATA SHEETS.



HDR Engineering, Inc.  
 TBPELS Firm  
 Registration No. F-754

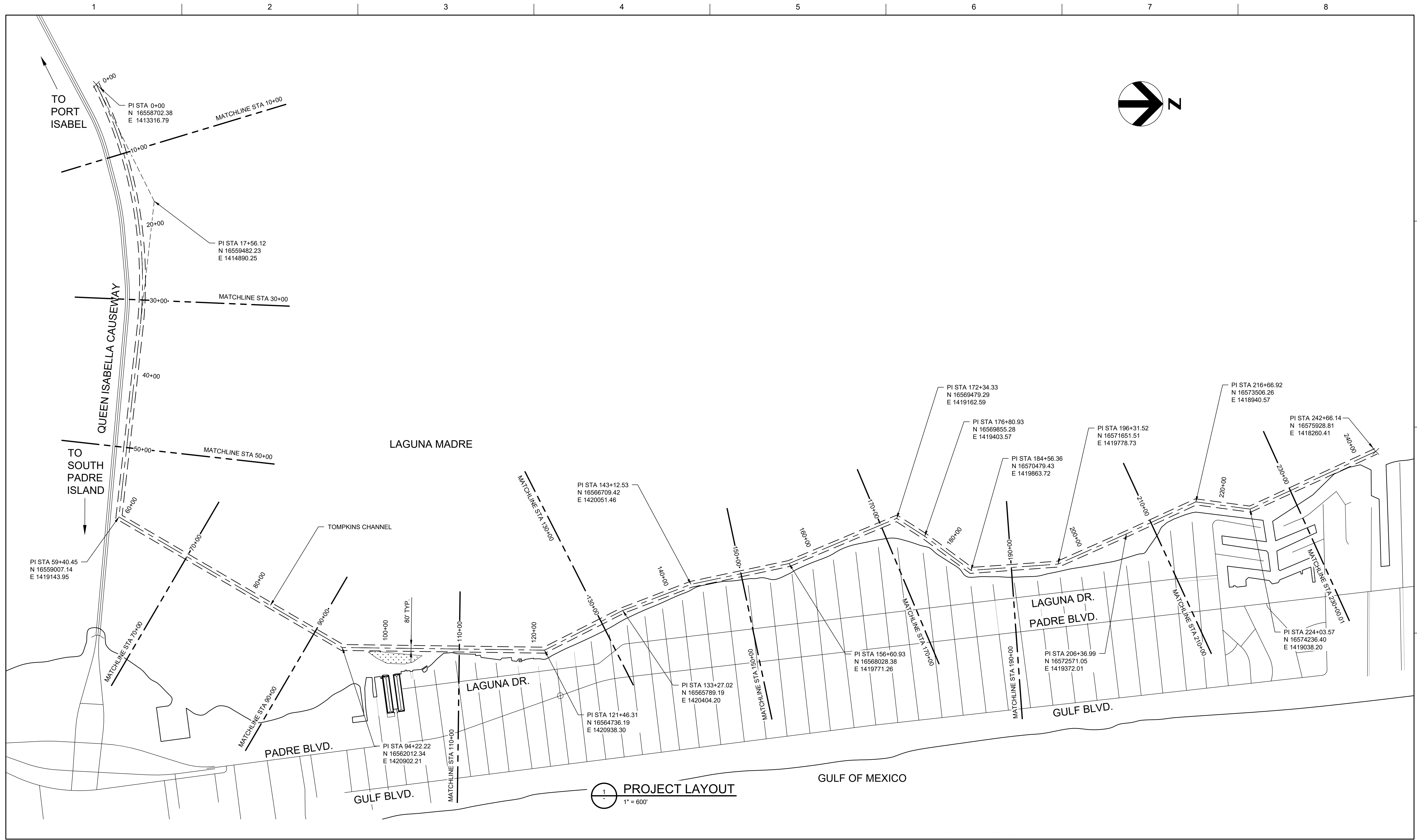
ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



**GENERAL NOTES**

FILENAME | 00G-02.dwg  
 SCALE | N/A

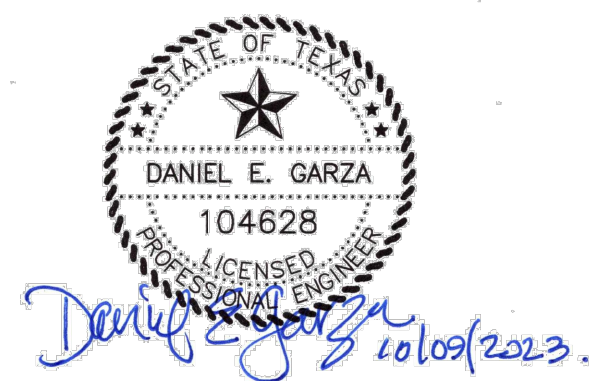


**PROJECT LAYOUT**  
1" = 600'



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<b>PROJECT NUMBER</b>	10342899



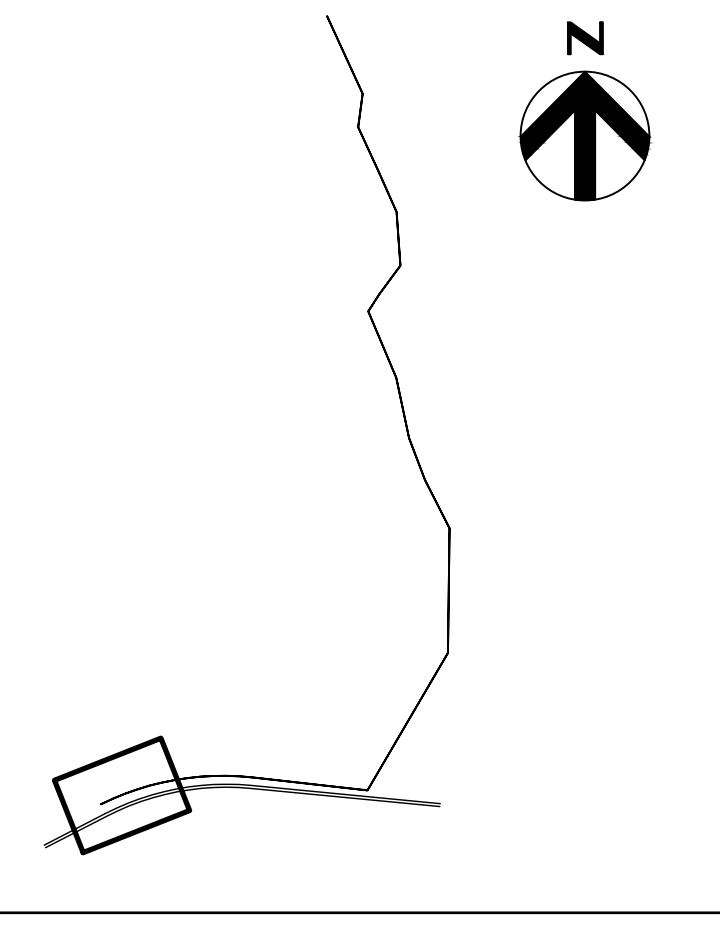
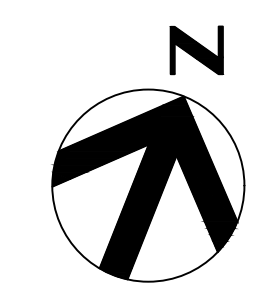
**PROJECT LAYOUT**

0 1" 2"

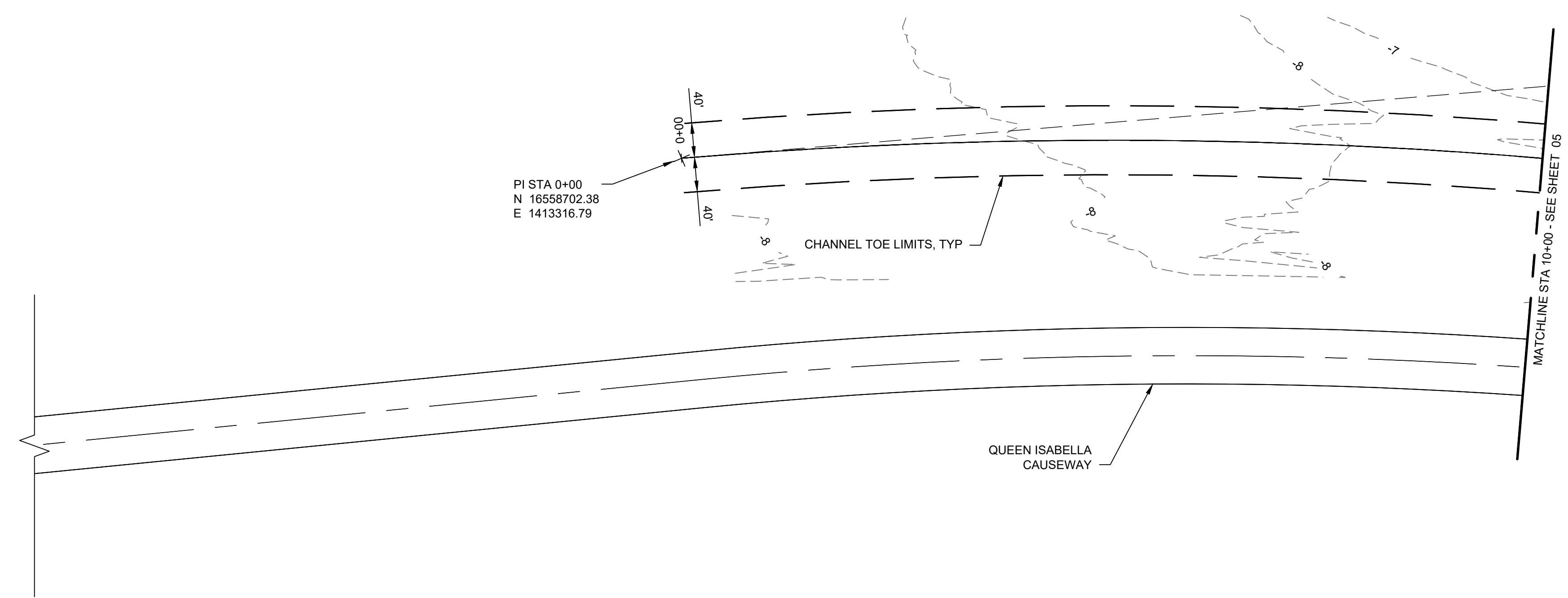
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SCALE | 1" = 600'

SHEET  
**03**





KEY MAP



1 STATION LAYOUT 0+00 - 10+00  
1" = 100'

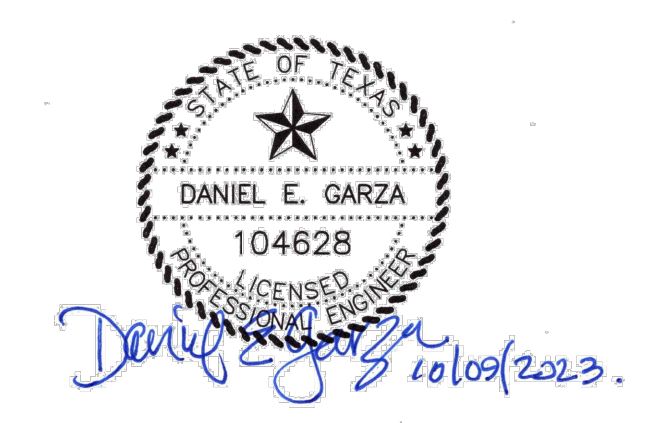
**LEGEND**

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)



ISSUE	DATE	DESCRIPTION
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<b>PROJECT NUMBER</b>	10342899

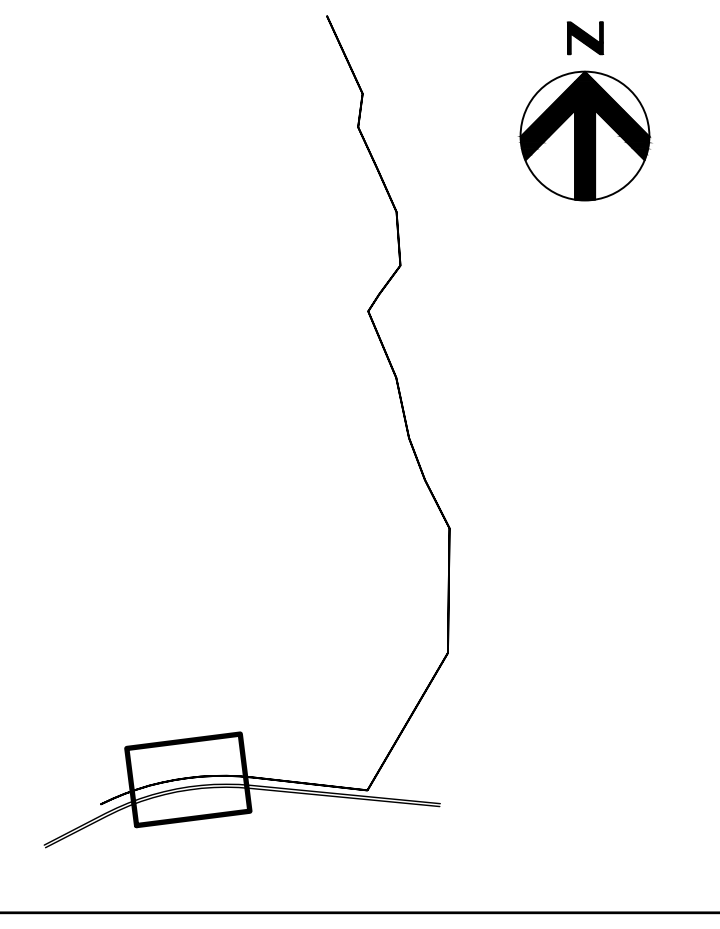
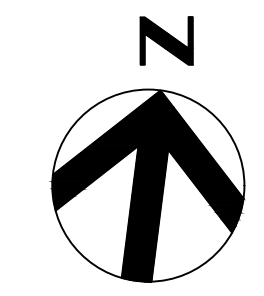


**ENLARGED LAYOUT (1 OF 13)**

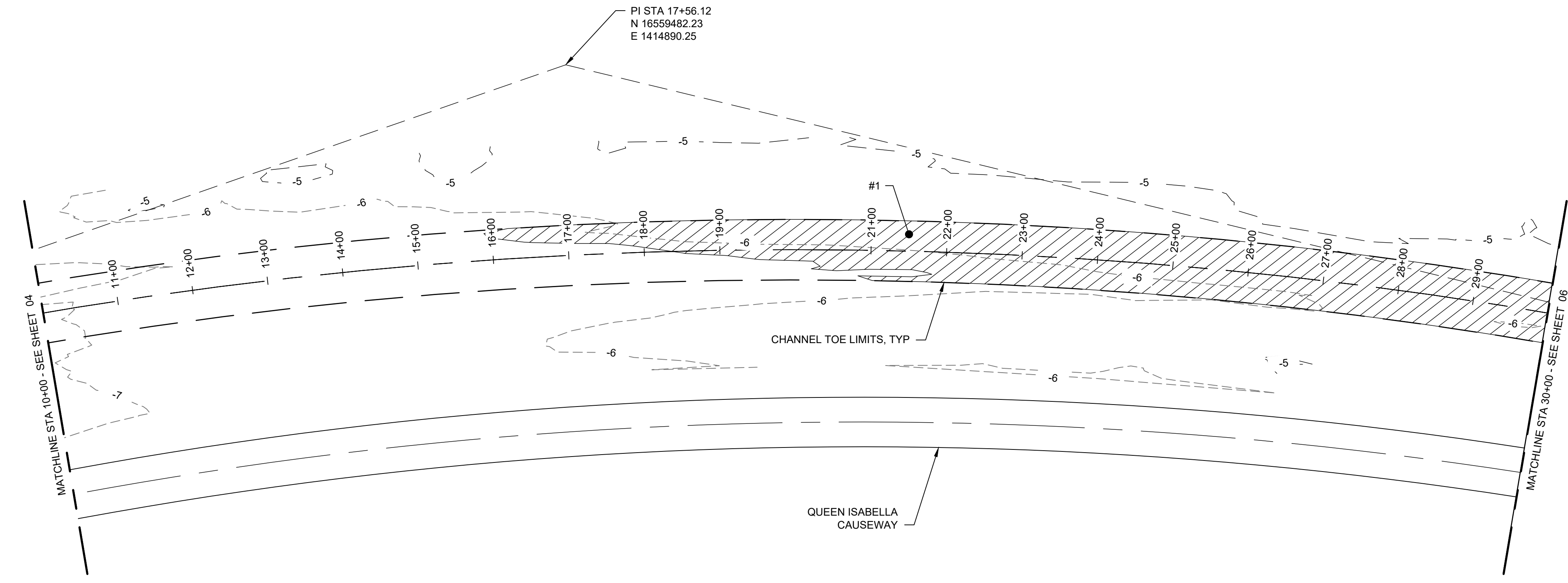
0 1" 2"

FILENAME | 00C-02.dwg  
SCALE | 1" = 100'

SHEET | **04**



KEY MAP



1 STATION LAYOUT 10+00 - 30+00  
1" = 100'

LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)



ISSUE	DATE	DESCRIPTION
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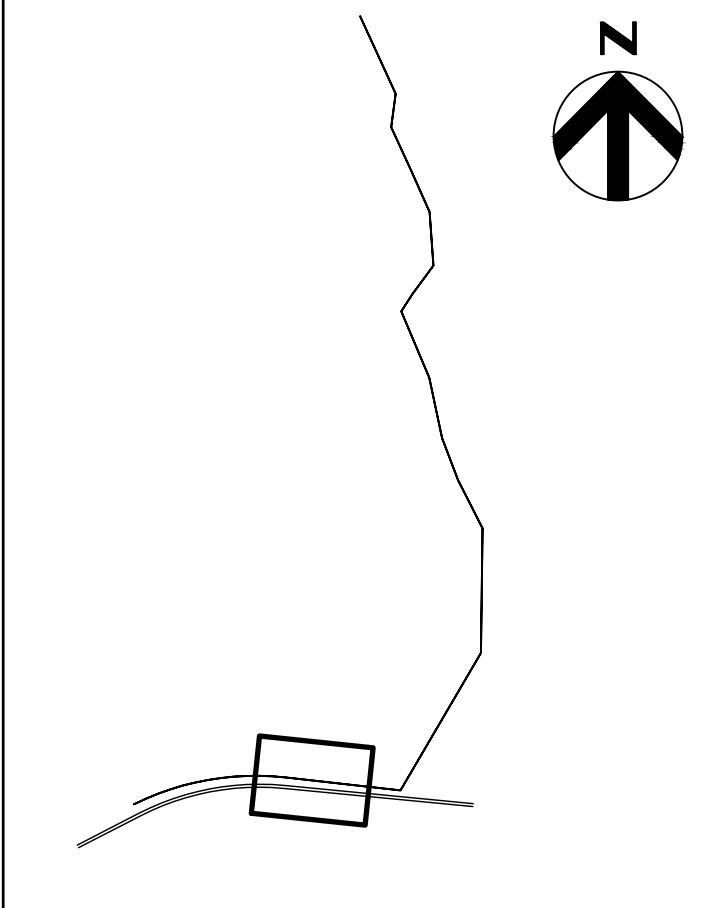
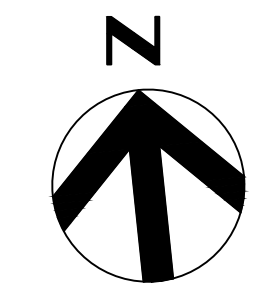
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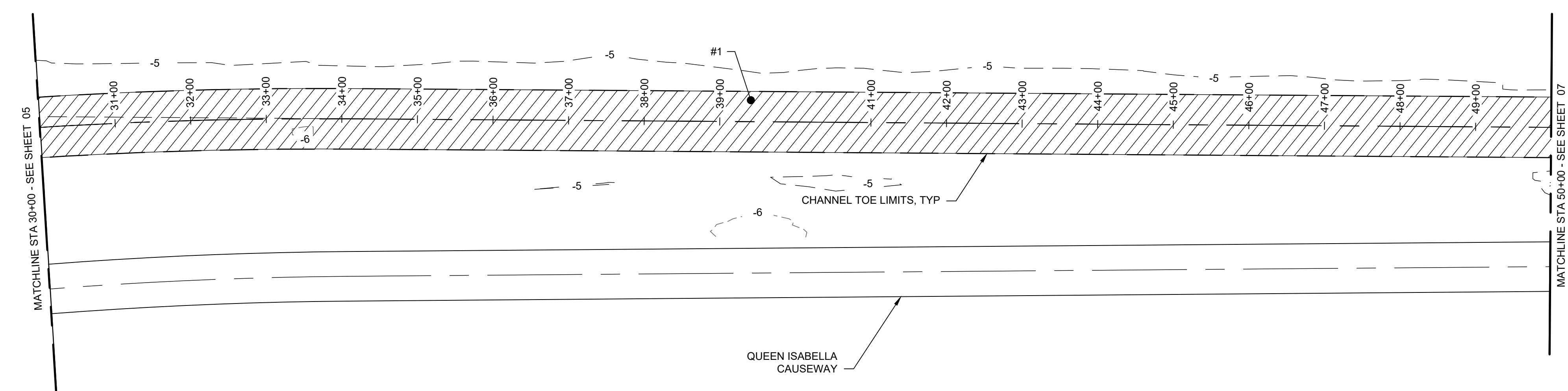
ENLARGED LAYOUT (2 OF 13)

FILENAME | 00C-03.dwg  
SCALE | 1" = 100'

SHEET | 05



KEY MAP



1  
7  
STATION LAYOUT 30+00 - 50+00  
1" = 100'

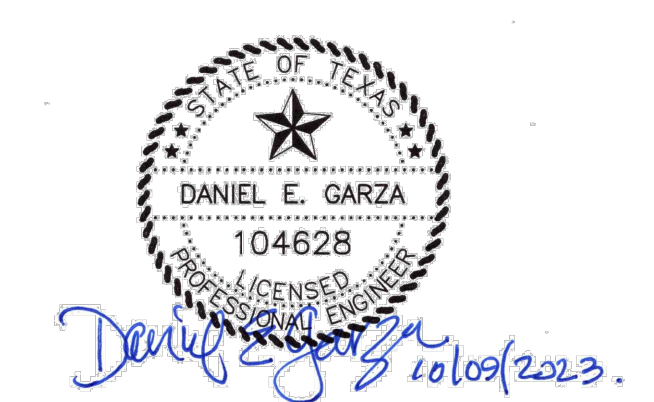
LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)



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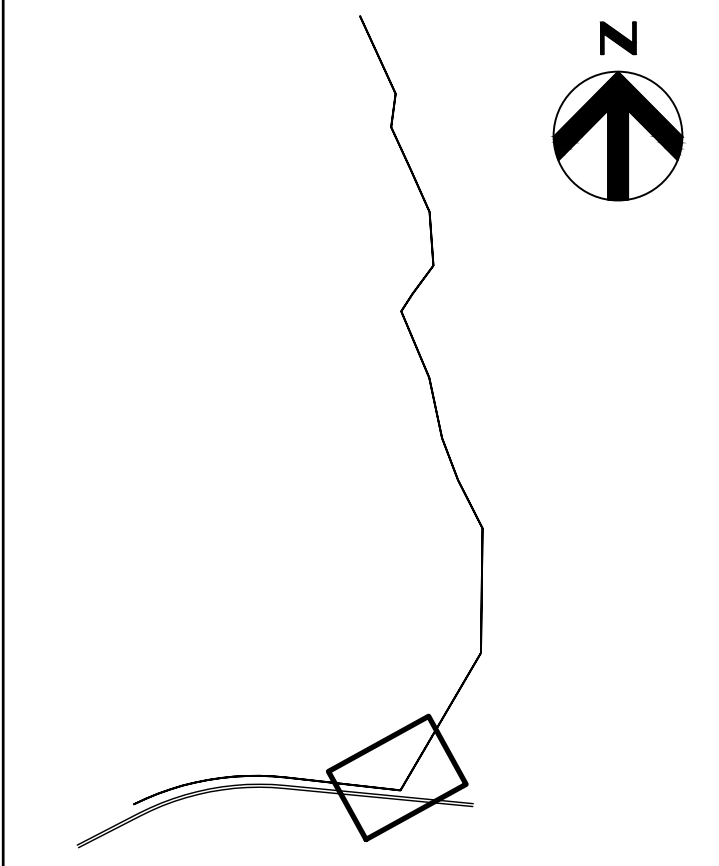
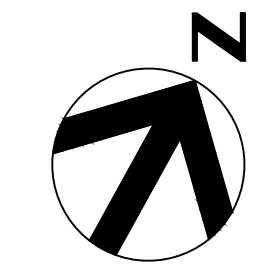
**ENLARGED LAYOUT (3 OF 13)**

0 1" 2"

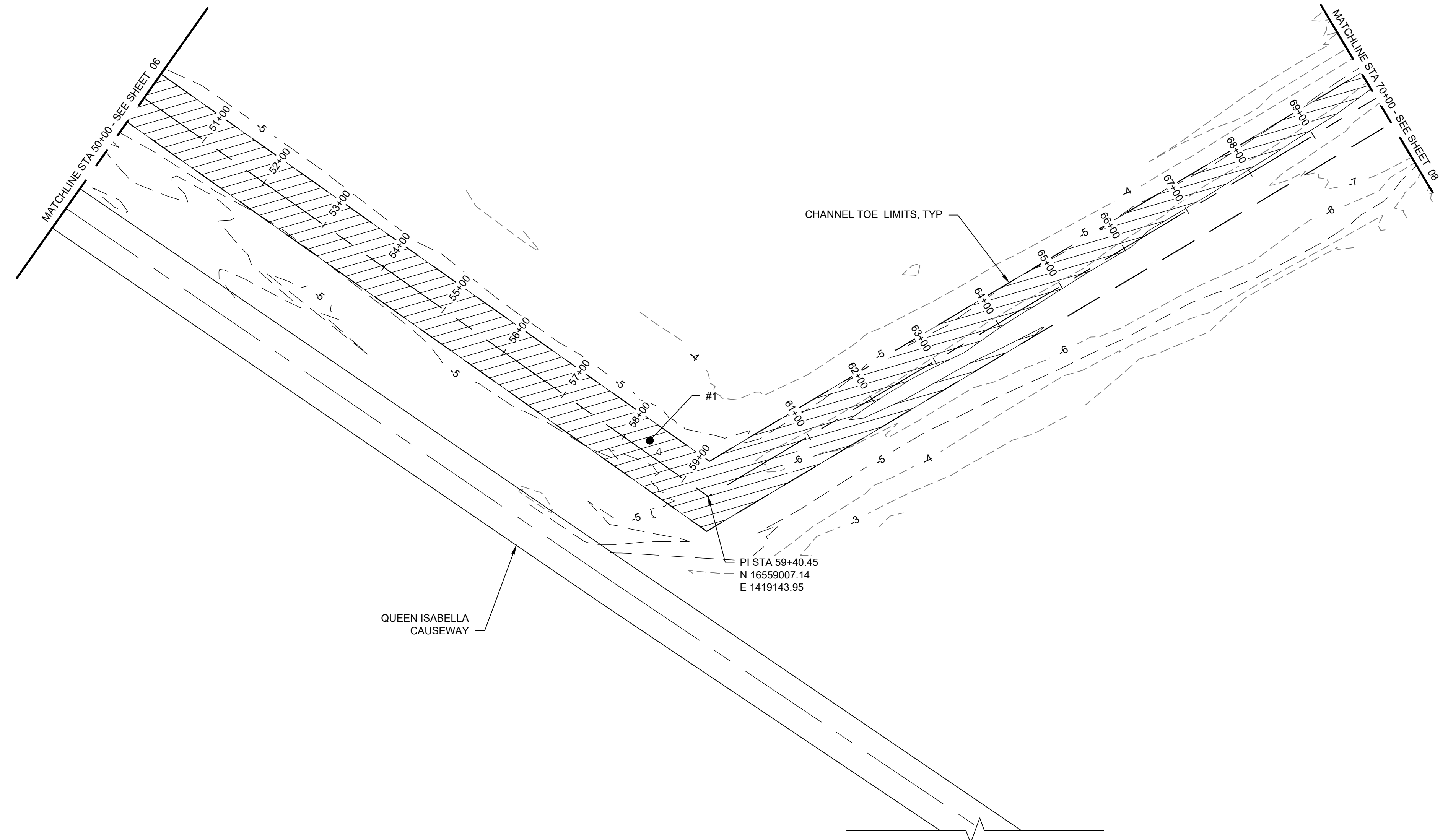
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SCALE | 1" = 100'

SHEET  
**06**





KEY MAP



1 STATION LAYOUT 50+00 - 70+00  
1" = 100'

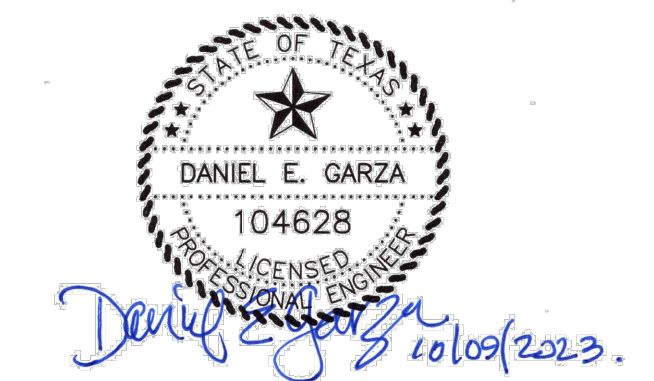
**LEGEND**

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)



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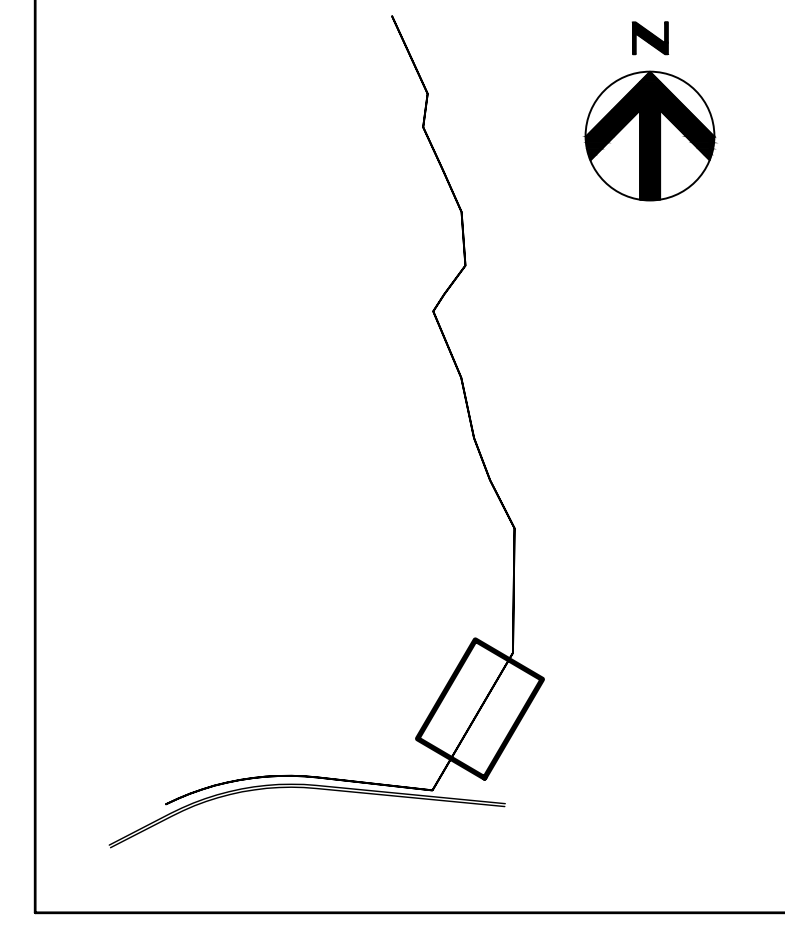
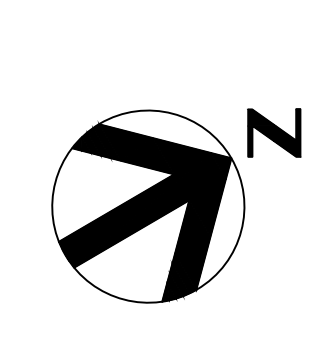


**ENLARGED LAYOUT (4 OF 13)**

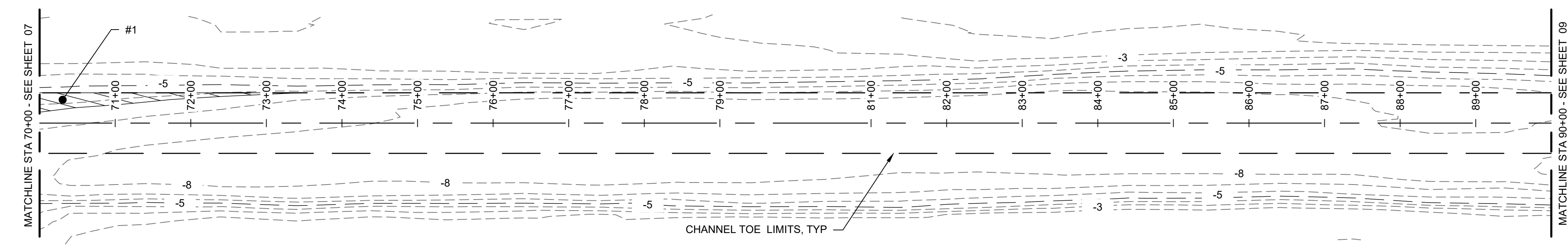
0 1" 2"

FILENAME | 00C-05.dwg  
SCALE | 1" = 100'

SHEET | **07**



KEY MAP



1 STATION LAYOUT 70+00 - 90+00  
1" = 100'

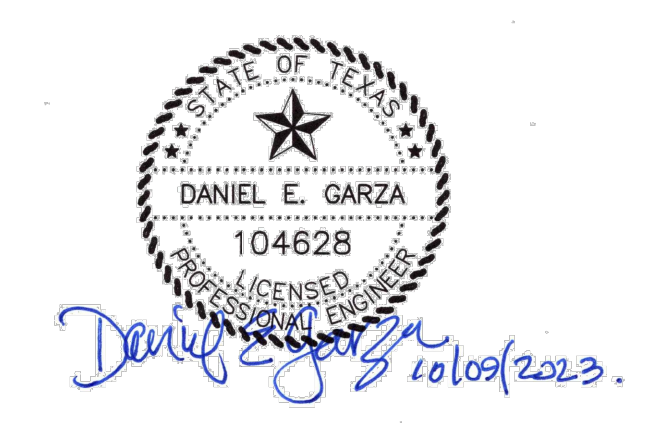
**LEGEND**

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)



ISSUE	DATE	DESCRIPTION
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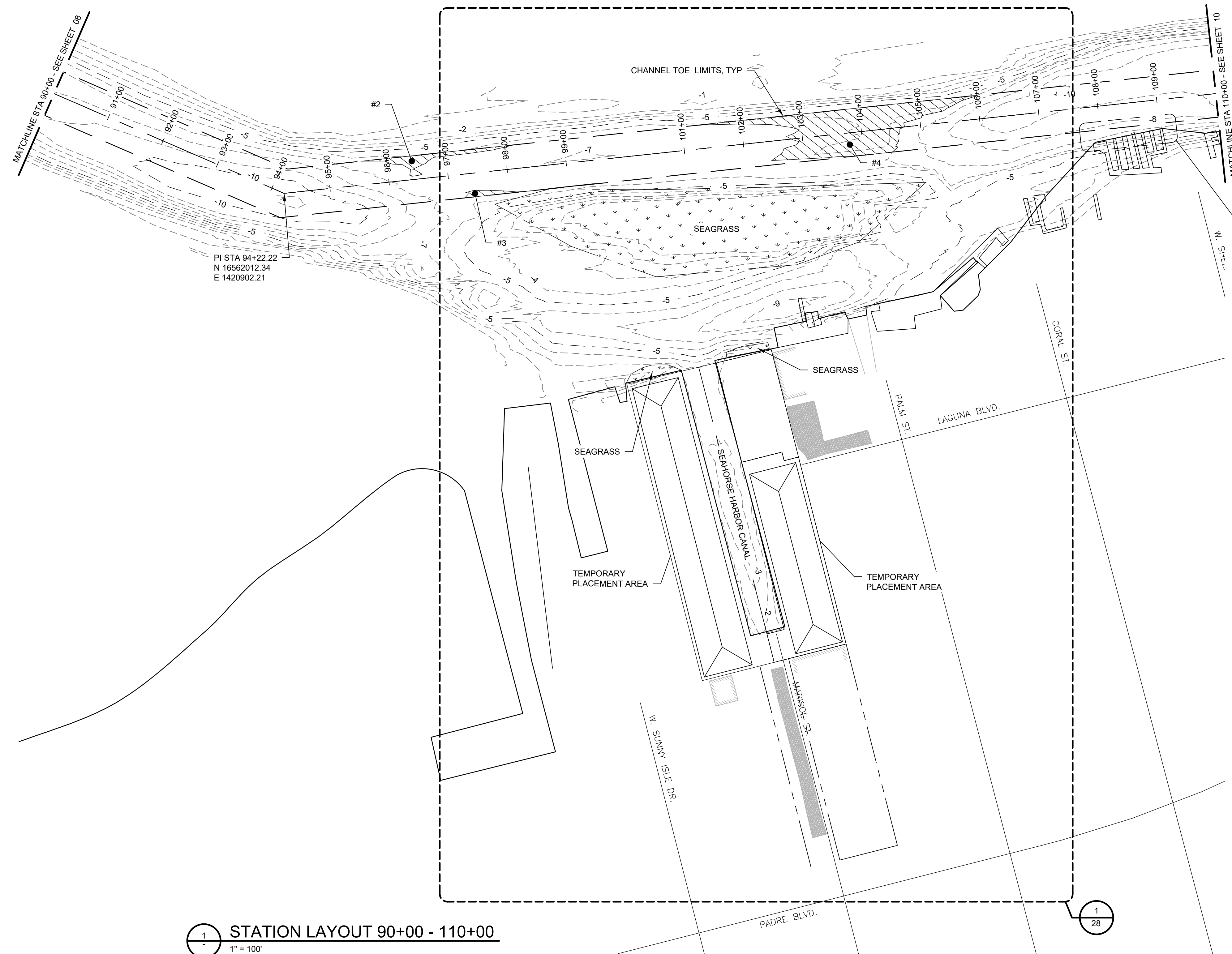
**ENLARGED LAYOUT (5 OF 13)**

0 1" 2"

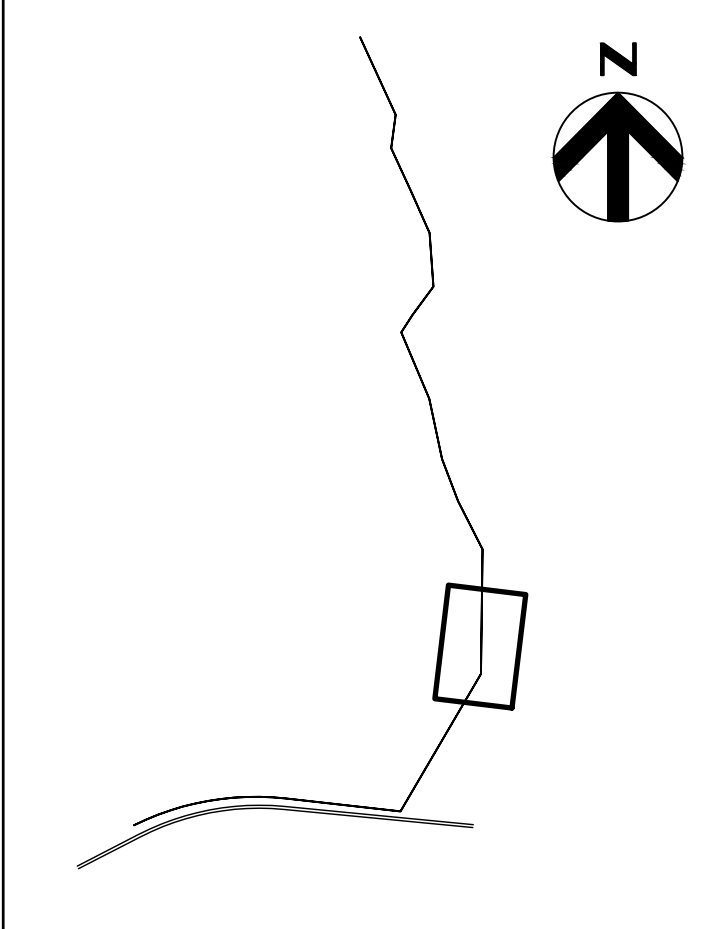
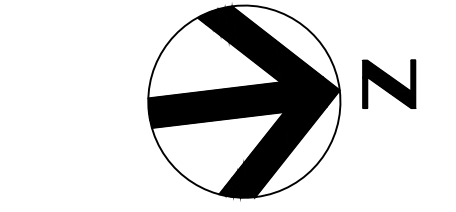
FILENAME | 00C-06.dwg  
SCALE | 1" = 100'

SHEET | **08**





1 STATION LAYOUT 90+00 - 110+00  
1" = 100'



KEY MAP

SEE NOTE 1 FOR DREDGING NEAR EXISTING STRUCTURES AND OTHER FEATURES, TYP

- NOTE:
- DREDGING OPERATIONS TO MAINTAIN 10 FEET CLEARANCE FROM ALL EXISTING STRUCTURES AND FEATURES FOR TOMPKINS CHANNEL AND 5 FEET CLEARANCE FROM THE EXISTING SHEET PILE WALL IN SEAHORSE HARBOR CANAL.
  - REFER TO SHEET 27 FOR SECTIONS THROUGH SEAHORSE HARBOR CANAL.

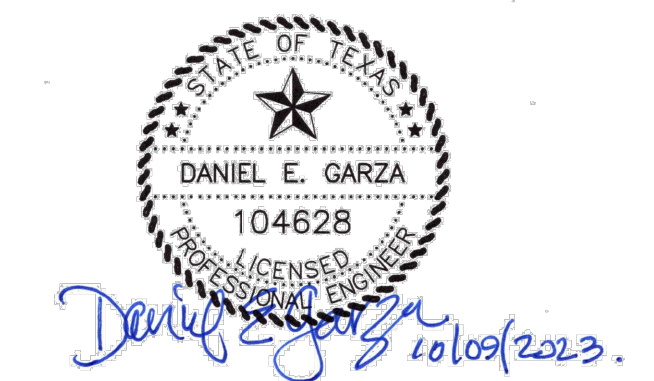
LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)



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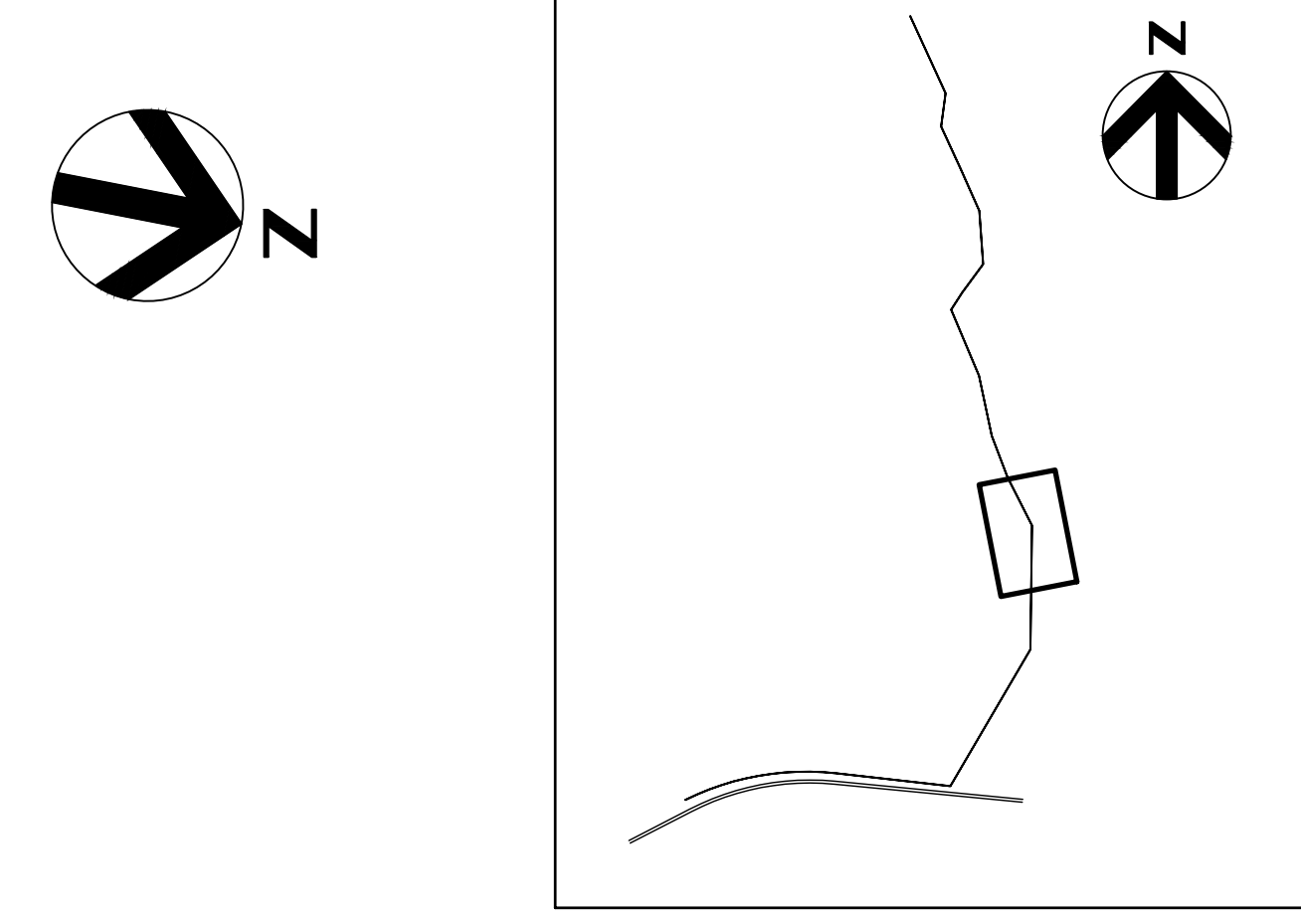


ENLARGED LAYOUT (6 OF 13)

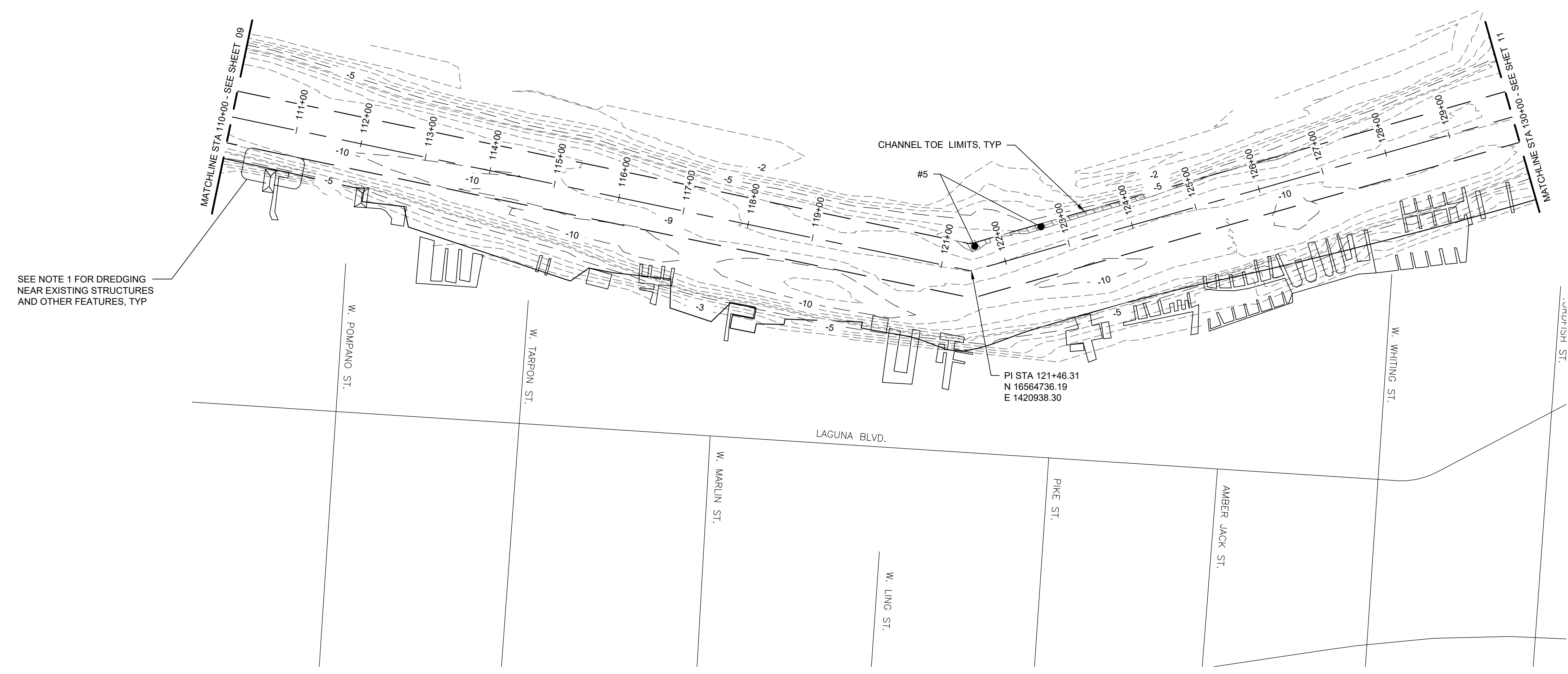
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FILENAME | 00C-07.dwg  
SCALE | 1" = 100'

SHEET | 09



KEY MAP



SEE NOTE 1 FOR DREDGING NEAR EXISTING STRUCTURES AND OTHER FEATURES, TYP

CHANNEL TOE LIMITS, TYP

PI STA 121+46.31  
N 16564736.19  
E 1420938.30

NOTE:  
1. DREDGING OPERATIONS TO MAINTAIN 10 FEET CLEARANCE FROM ALL EXISTING STRUCTURES AND FEATURES.

LEGEND

- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)

1 STATION LAYOUT 100+00 - 130+00  
1" = 100'



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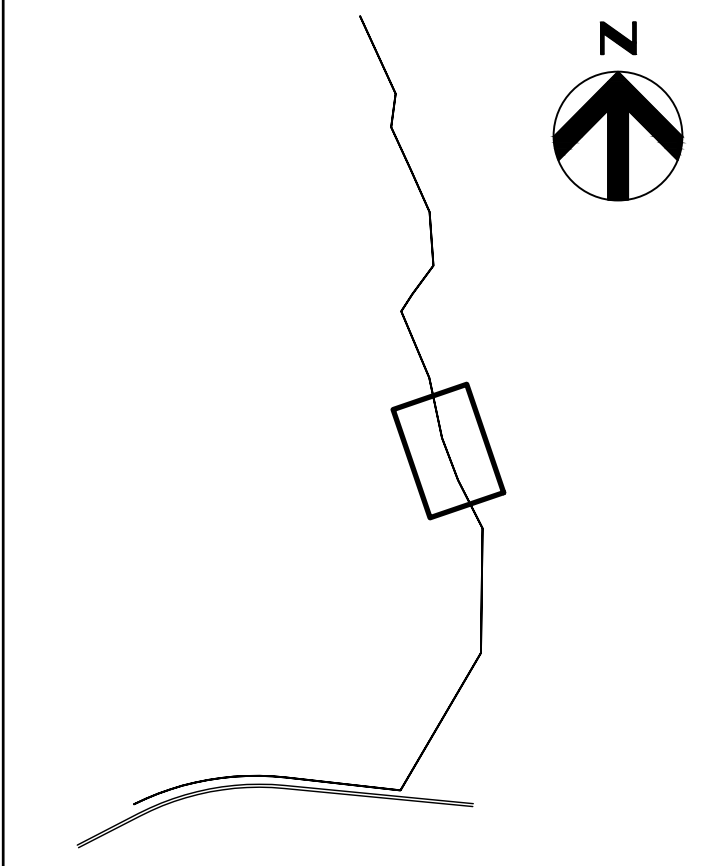
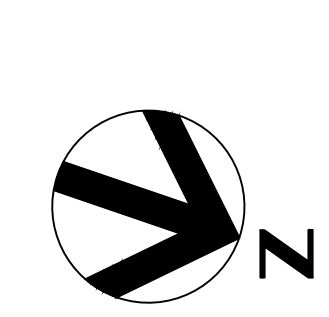
ENLARGED LAYOUT (7 OF 13)

0 1" 2"

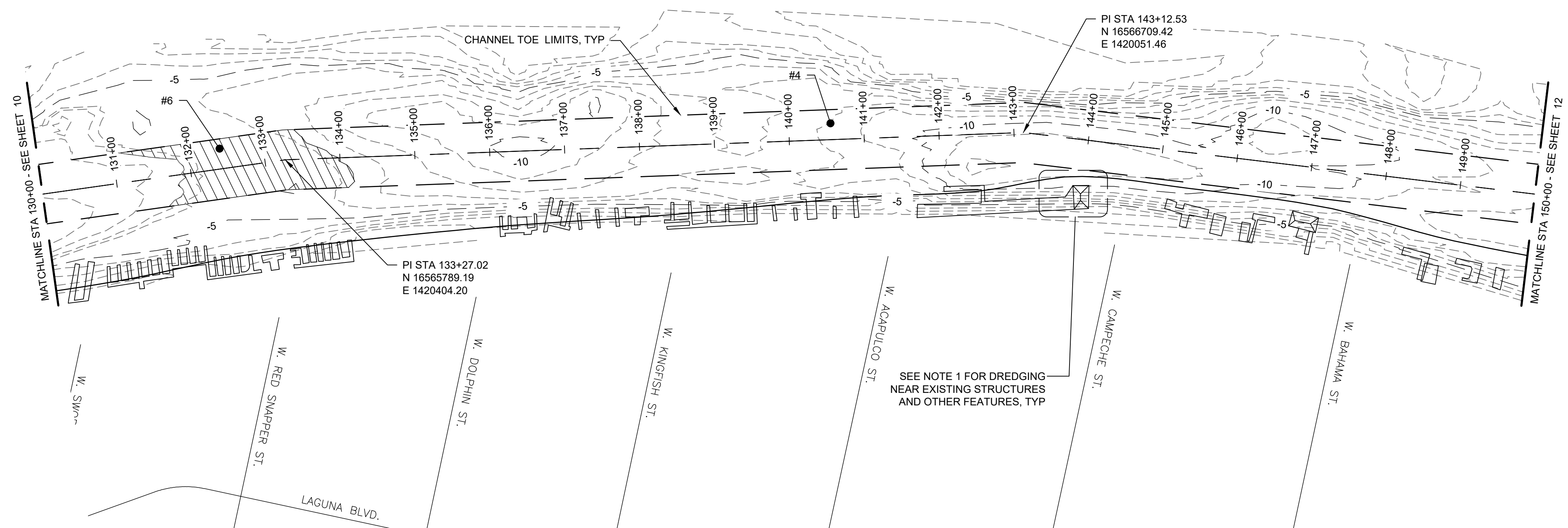
FILENAME | 00C-08.dwg  
SCALE | 1" = 100'

SHEET | 10





KEY MAP



1 STATION LAYOUT 130+00 - 150+00  
1" = 100'

NOTE:  
1. DREDGING OPERATIONS TO MAINTAIN 10 FEET CLEARANCE FROM ALL EXISTING STRUCTURES AND FEATURES.

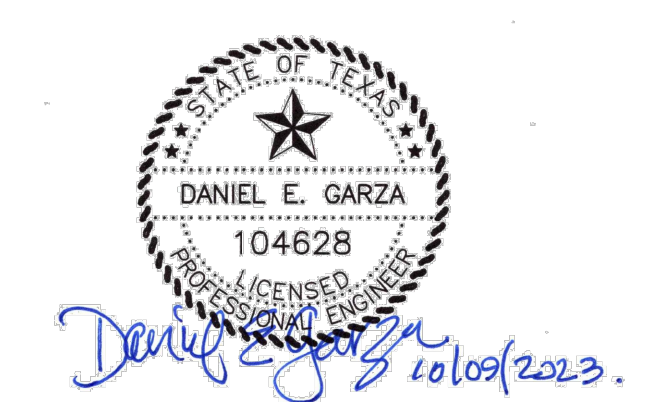
LEGEND

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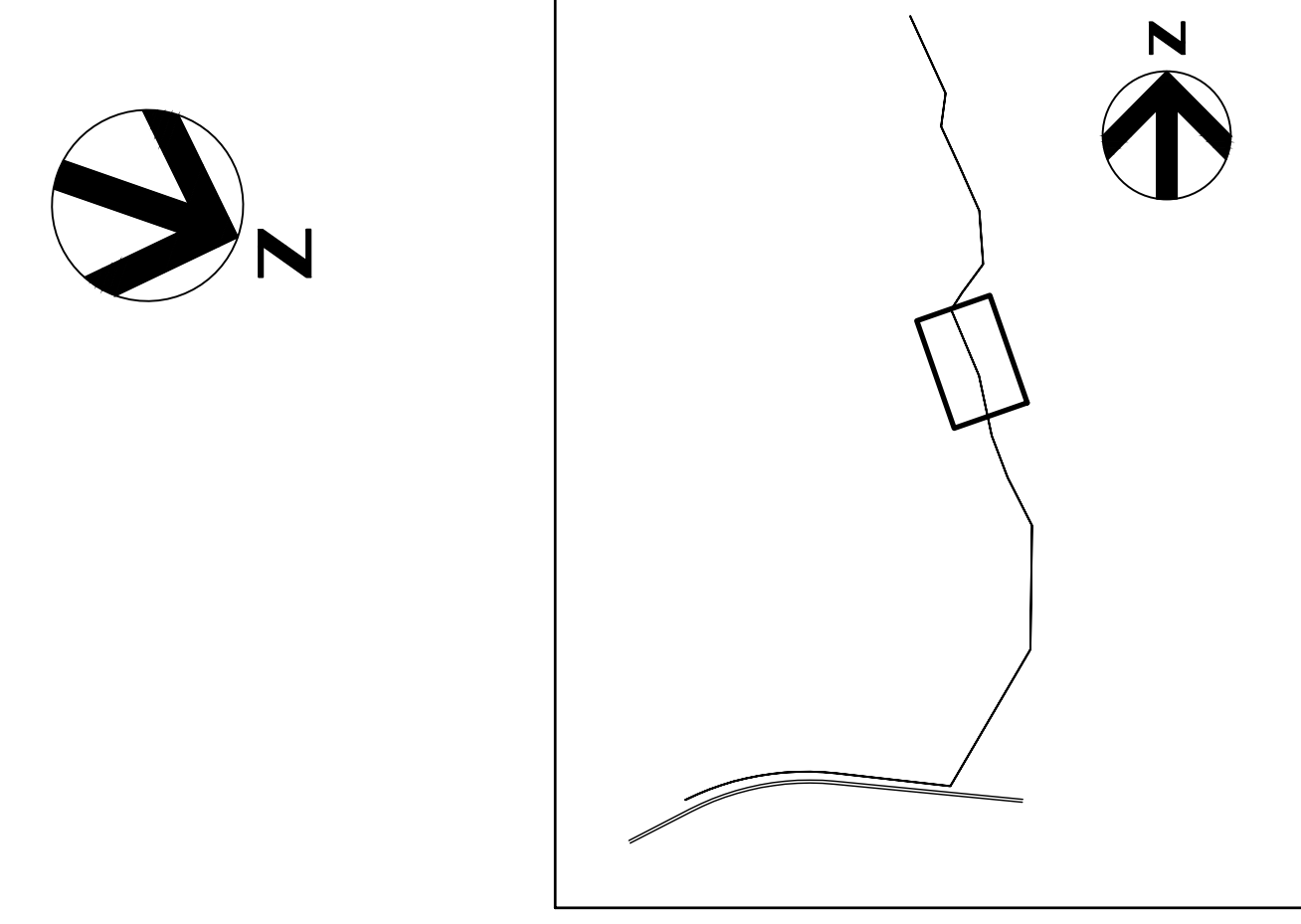


ENLARGED LAYOUT (8 OF 13)

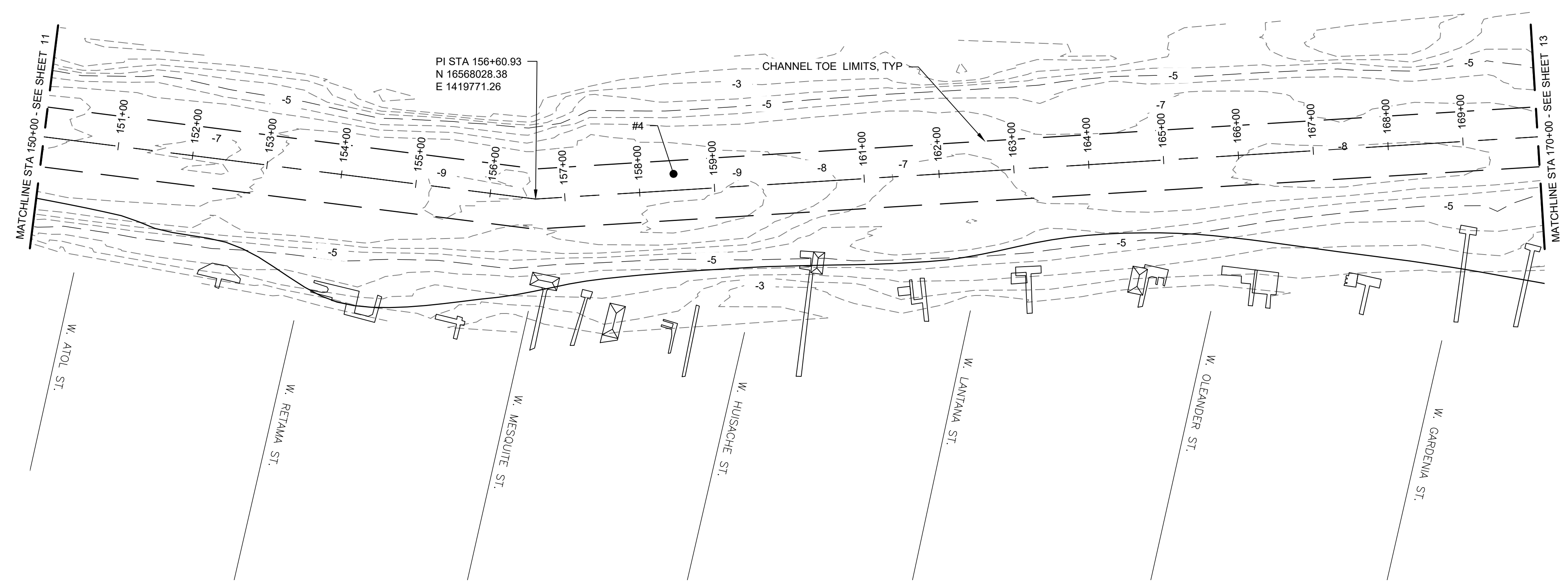
0 1" 2"

FILENAME | 00C-09.dwg  
SCALE | 1" = 100'

SHEET | 11



KEY MAP



1 STATION LAYOUT 150+00 - 170+00  
1" = 100'

NOTE:  
1. DREDGING OPERATIONS TO MAINTAIN 10 FEET CLEARANCE FROM ALL EXISTING STRUCTURES AND FEATURES.

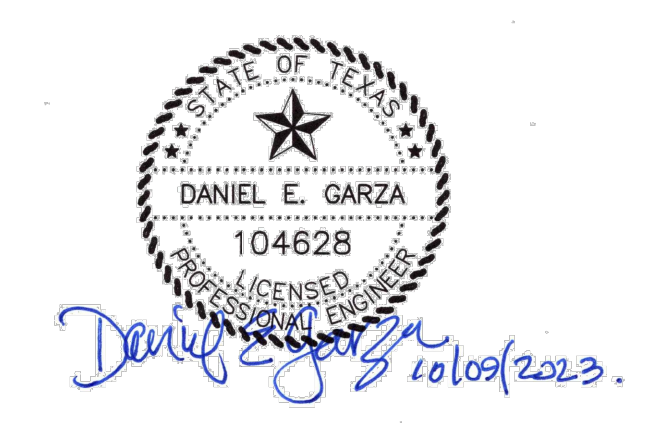
LEGEND

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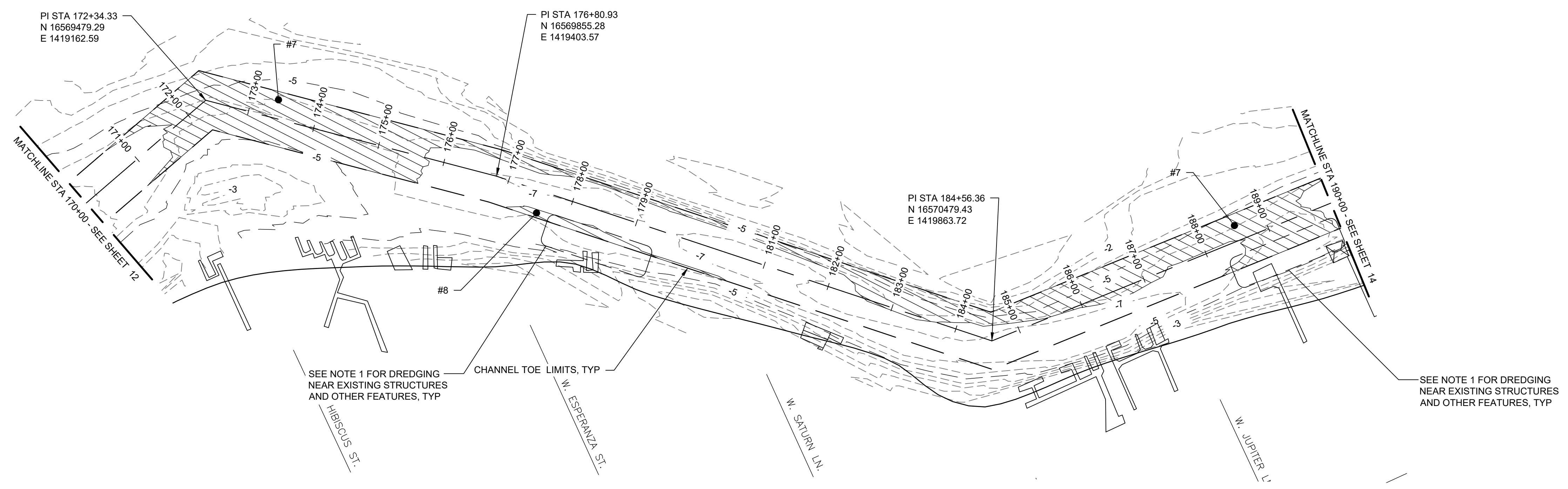
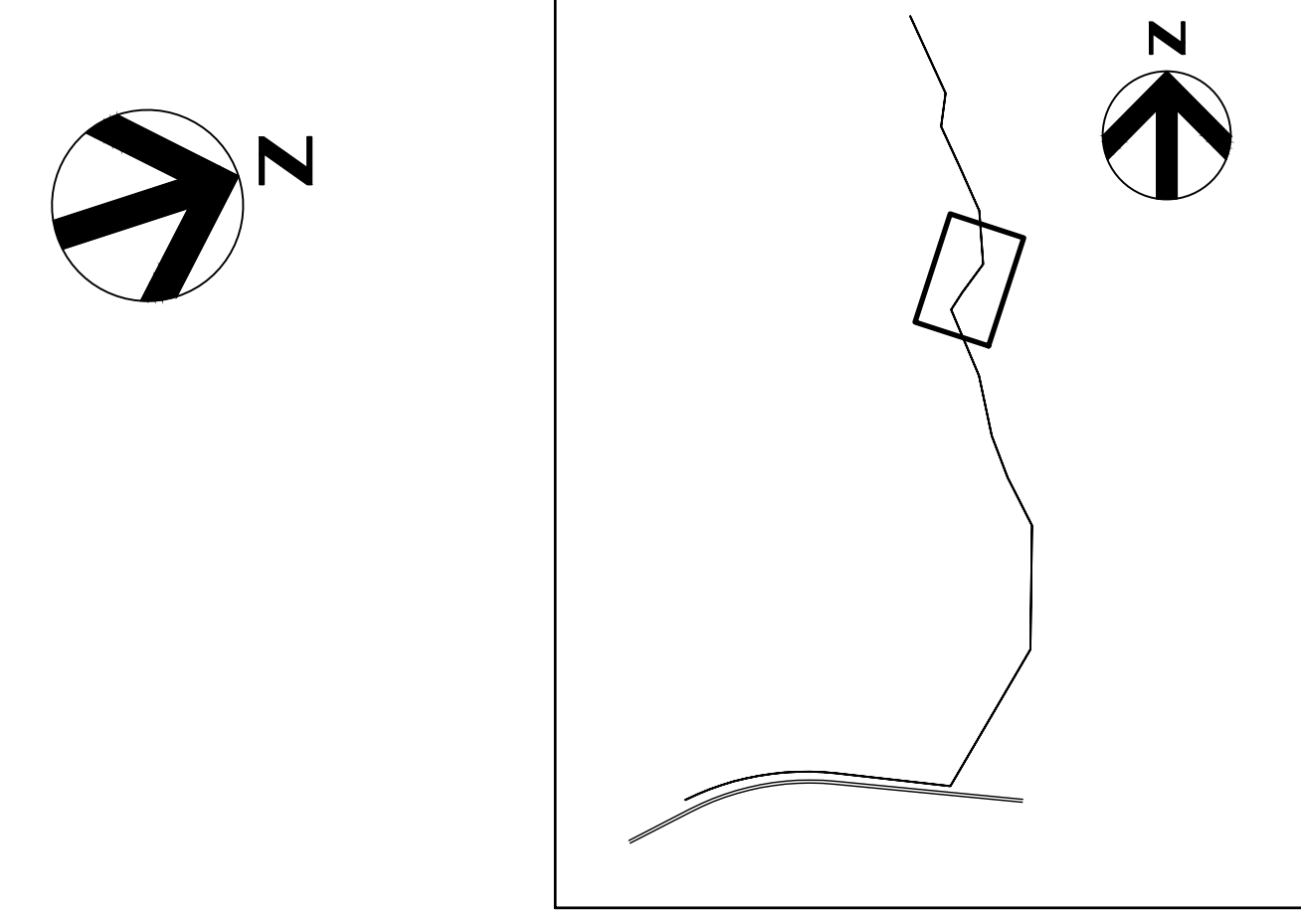
ENLARGED LAYOUT (9 OF 13)

0 1" 2"

FILENAME | 00C-10.dwg  
SCALE | 1" = 100'

SHEET | 12





SEE NOTE 1 FOR DREDGING NEAR EXISTING STRUCTURES AND OTHER FEATURES, TYP

SEE NOTE 1 FOR DREDGING NEAR EXISTING STRUCTURES AND OTHER FEATURES, TYP

NOTE:  
1. DREDGING OPERATIONS TO MAINTAIN 10 FEET CLEARANCE FROM ALL EXISTING STRUCTURES AND FEATURES.

LEGEND

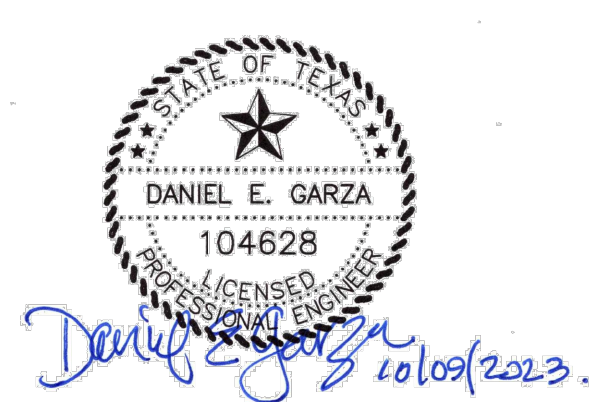
- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)

1 STATION LAYOUT 170+00 - 190+00  
1" = 100'



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899

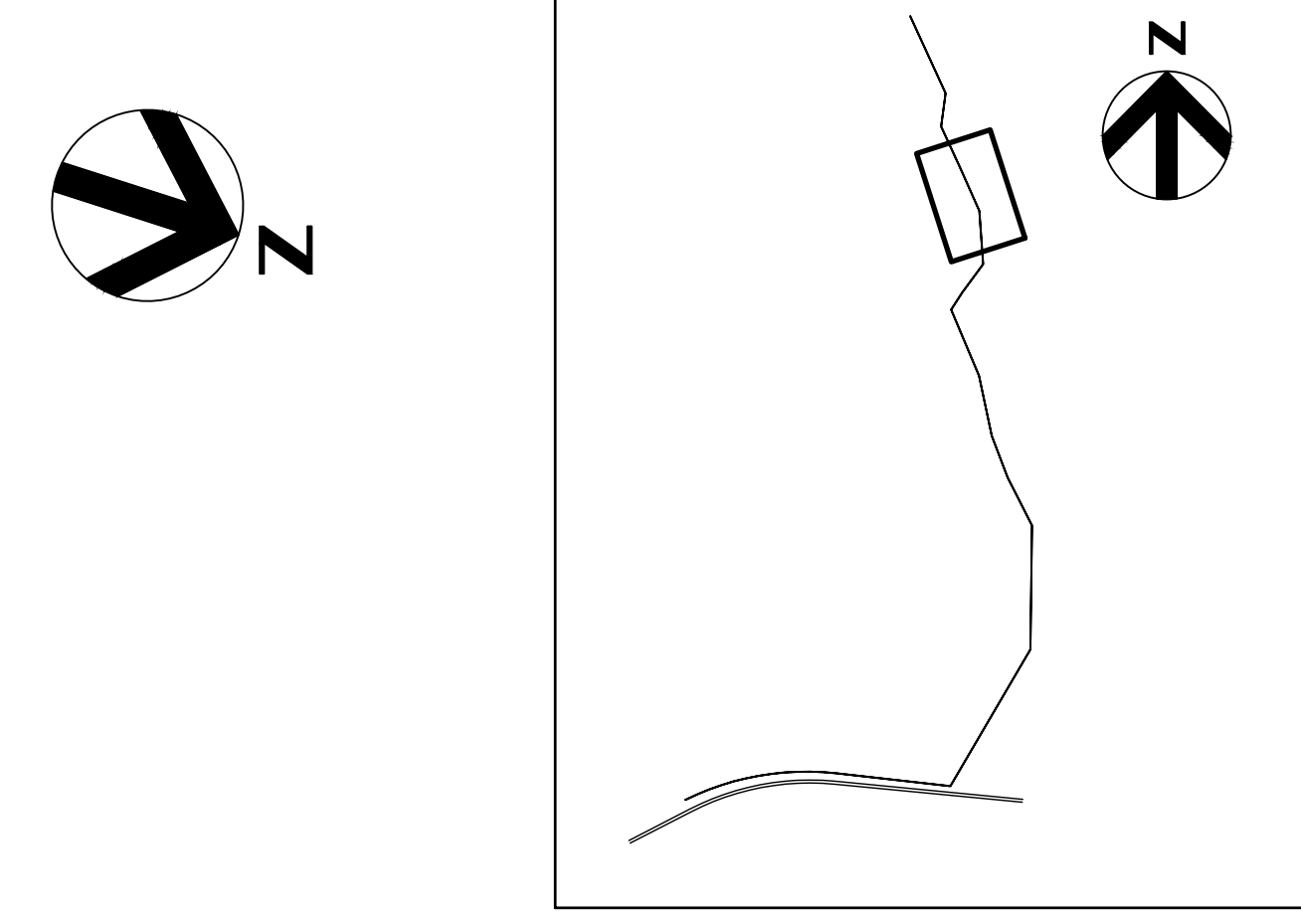


ENLARGED LAYOUT (10 OF 13)

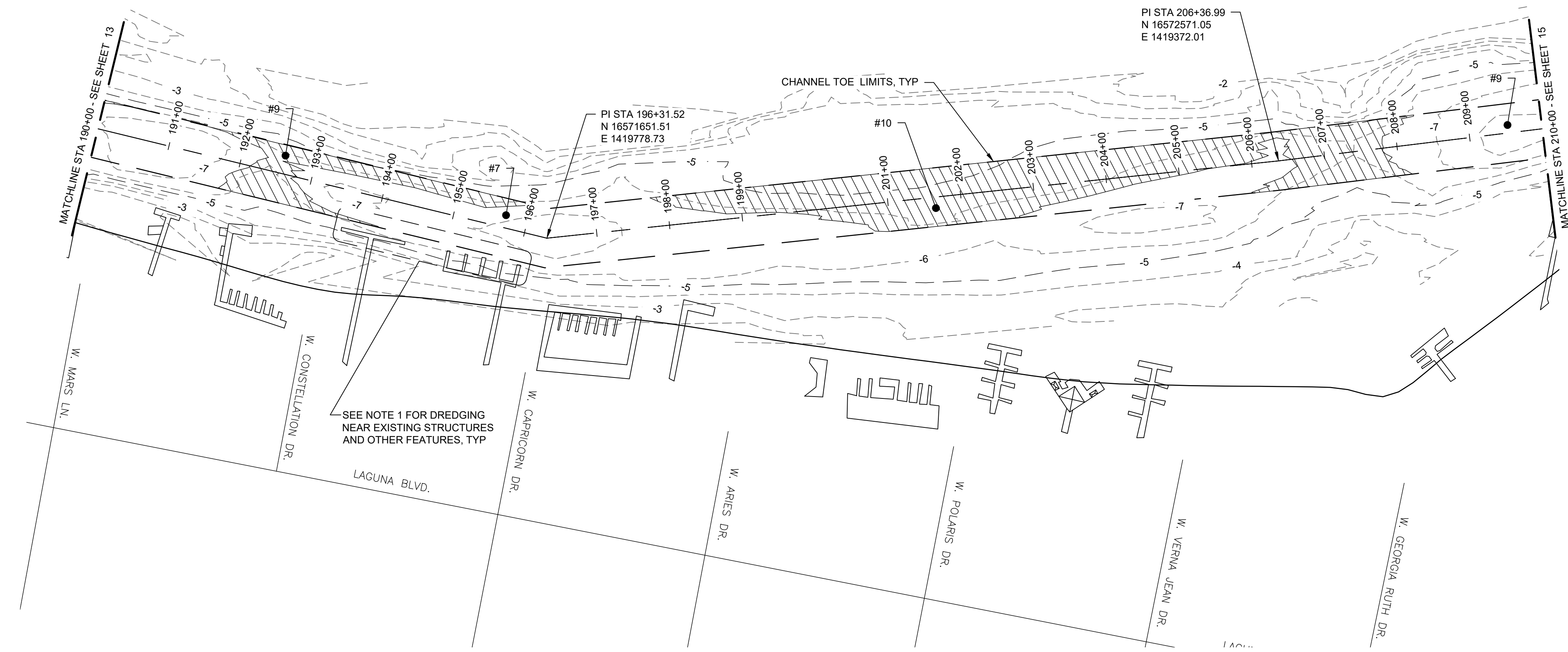
0 1" 2"

FILENAME | 00C-11.dwg  
SCALE | 1" = 100'

SHEET | 13



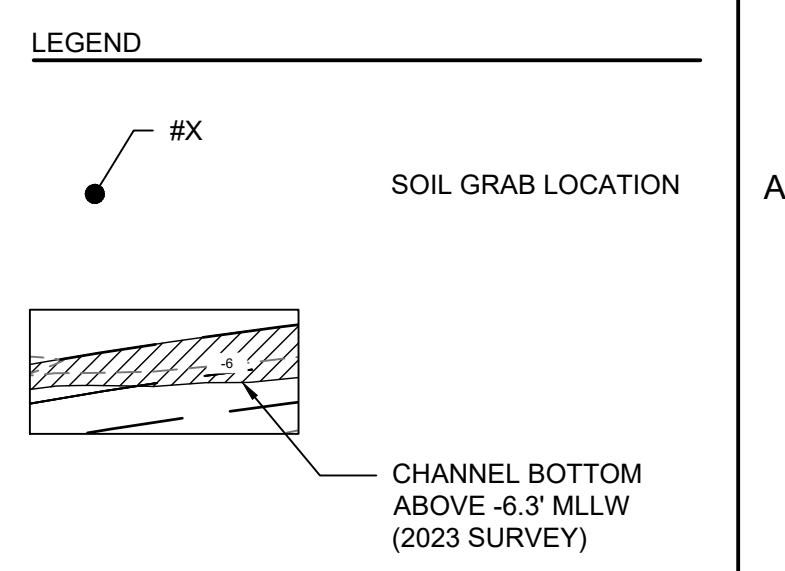
KEY MAP



SEE NOTE 1 FOR DREDGING NEAR EXISTING STRUCTURES AND OTHER FEATURES, TYP

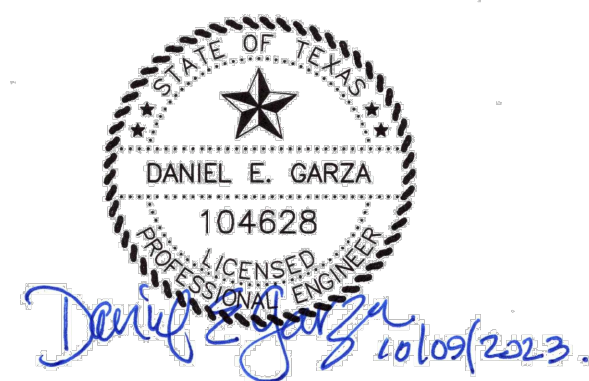
1 STATION LAYOUT 190+00 - 210+00  
1" = 100'

NOTE:  
1. DREDGING OPERATIONS TO MAINTAIN 10 FEET CLEARANCE FROM ALL EXISTING STRUCTURES AND FEATURES.



ISSUE	DATE	DESCRIPTION
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PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899

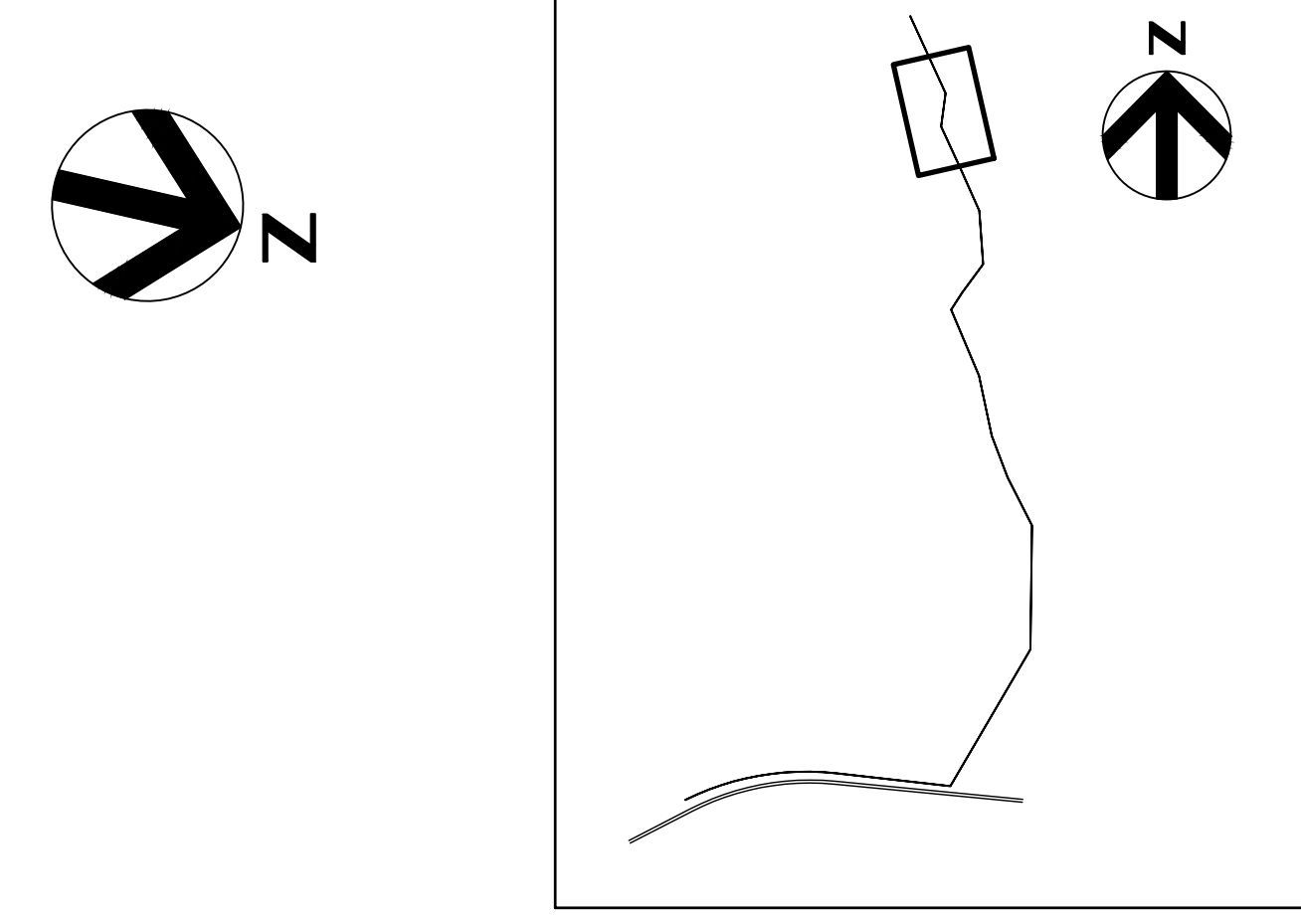


ENLARGED LAYOUT (11 OF 13)

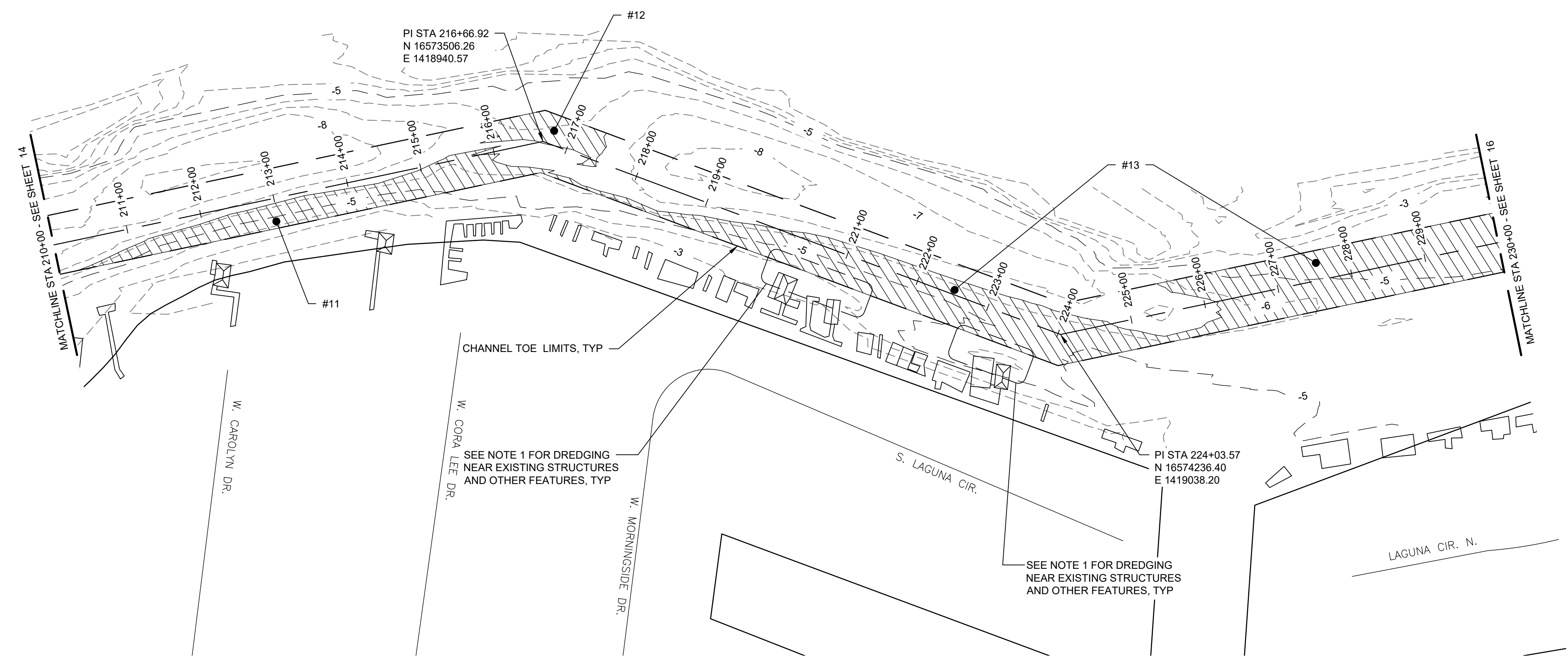
FILENAME | 00C-12.dwg  
SCALE | 1" = 100'

SHEET | 14





KEY MAP



PI STA 216+66.92  
N 16573506.26  
E 1418940.57

PI STA 224+03.57  
N 16574236.40  
E 1419038.20

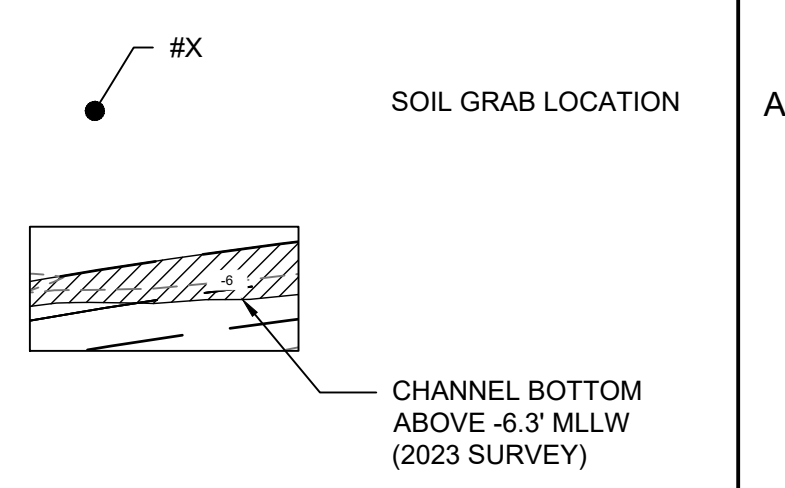
CHANNEL TOE LIMITS, TYP

SEE NOTE 1 FOR DREDGING  
NEAR EXISTING STRUCTURES  
AND OTHER FEATURES, TYP

SEE NOTE 1 FOR DREDGING  
NEAR EXISTING STRUCTURES  
AND OTHER FEATURES, TYP

NOTE:  
1. DREDGING OPERATIONS TO MAINTAIN 10 FEET  
CLEARANCE FROM ALL EXISTING STRUCTURES  
AND FEATURES.

LEGEND



1 STATION LAYOUT 210+00 - 230+00  
1" = 100'



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899

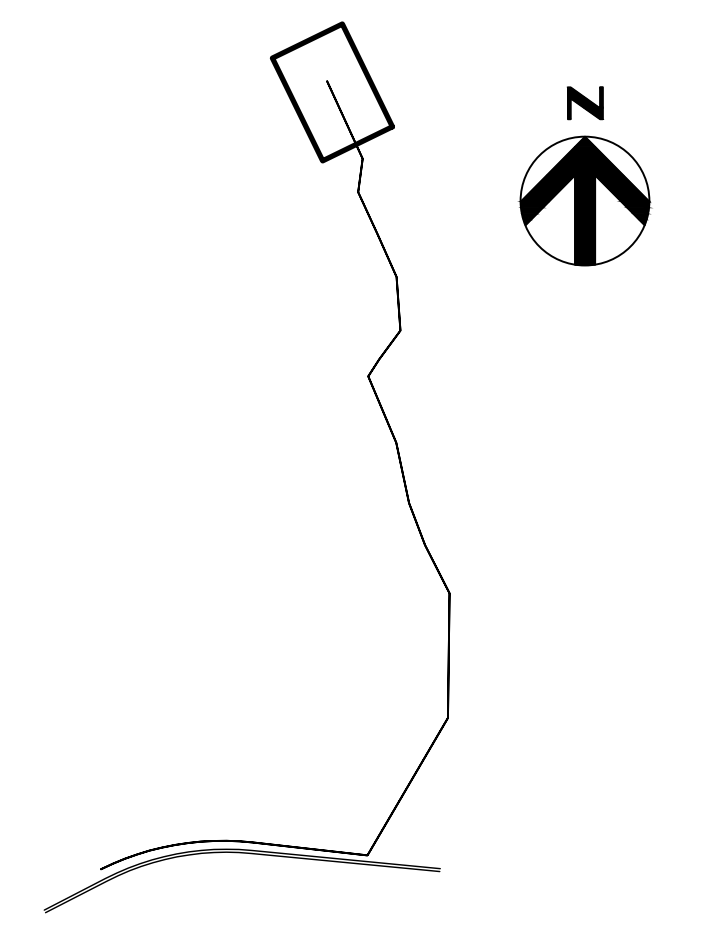
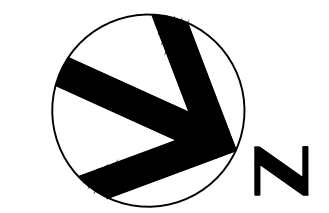


ENLARGED LAYOUT (12 OF 13)

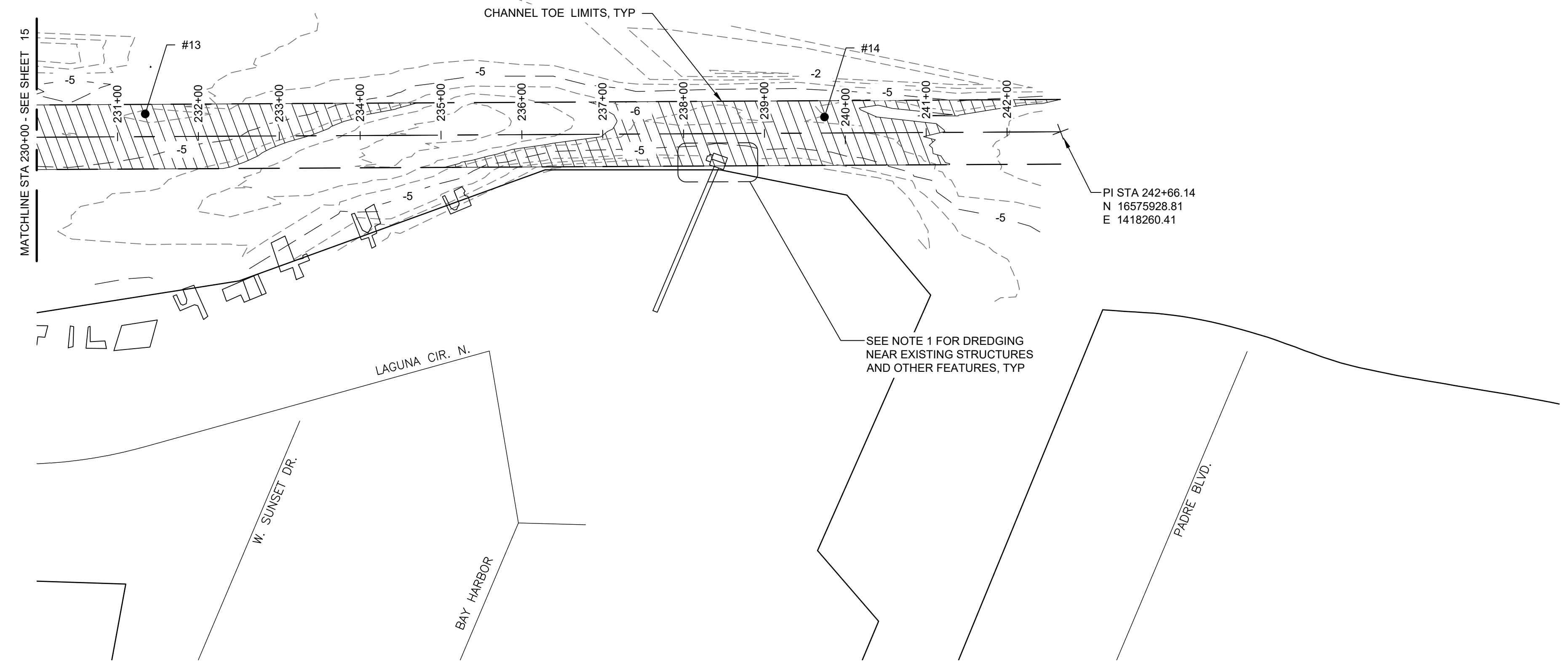
0 1" 2"

FILENAME | 00C-13.dwg  
SCALE | 1" = 100'

SHEET | 15



KEY MAP



SEE NOTE 1 FOR DREDGING NEAR EXISTING STRUCTURES AND OTHER FEATURES, TYP

NOTE:  
1. DREDGING OPERATIONS TO MAINTAIN 10 FEET CLEARANCE FROM ALL EXISTING STRUCTURES AND FEATURES.

LEGEND

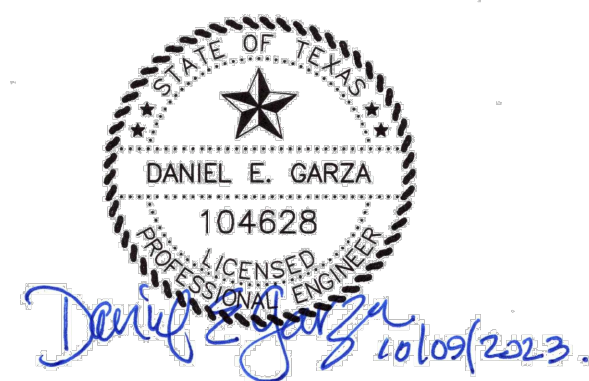
- #X SOIL GRAB LOCATION
- CHANNEL BOTTOM ABOVE -6.3' MLLW (2023 SURVEY)

1 STATION LAYOUT 230+00 - 242+66.14  
1" = 100'



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



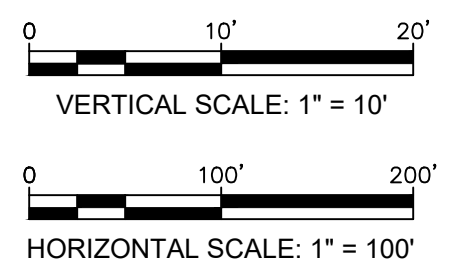
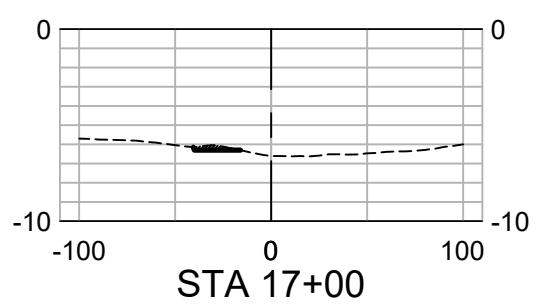
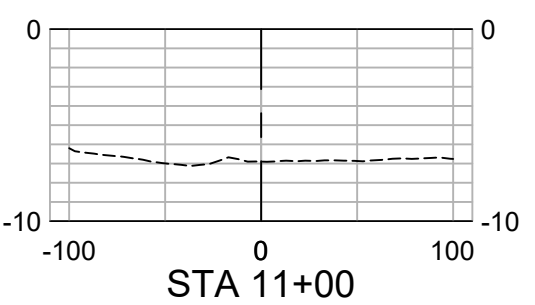
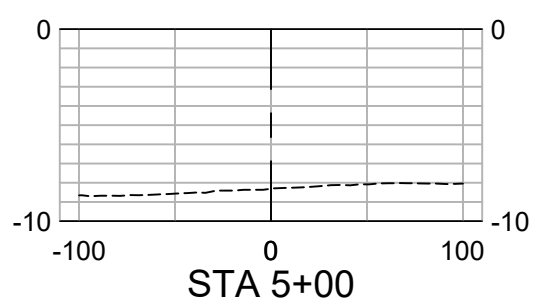
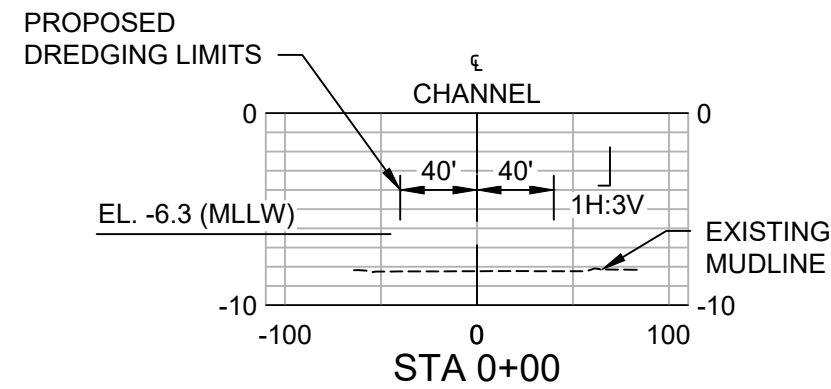
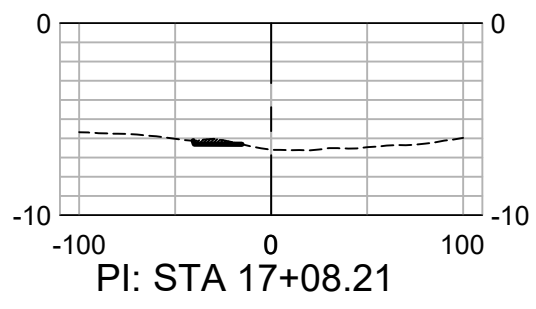
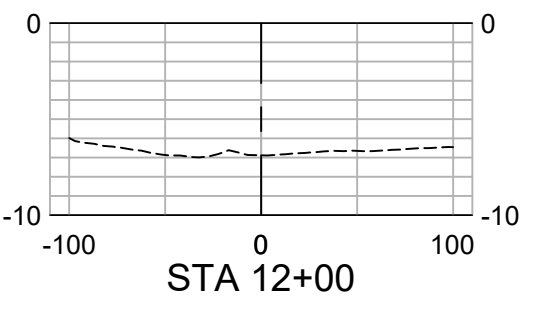
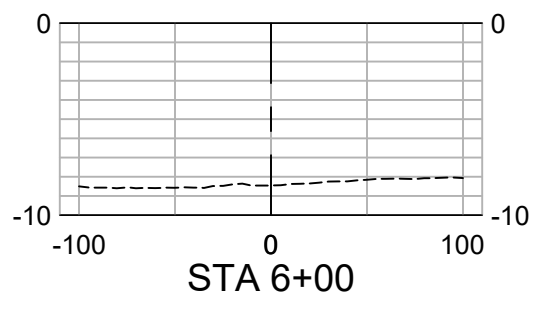
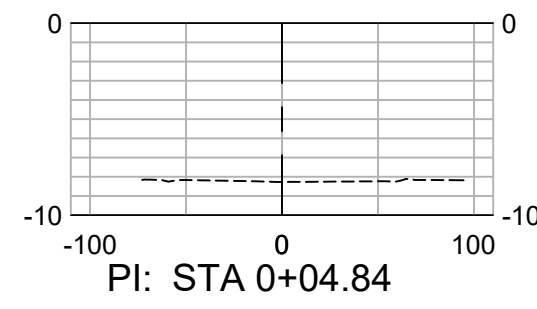
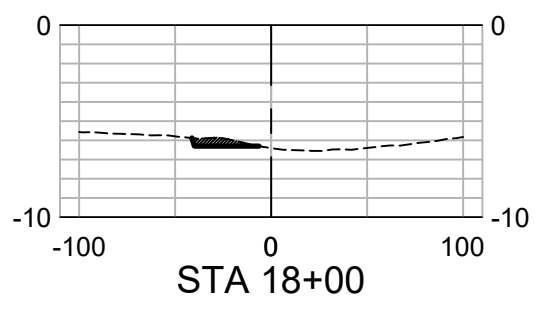
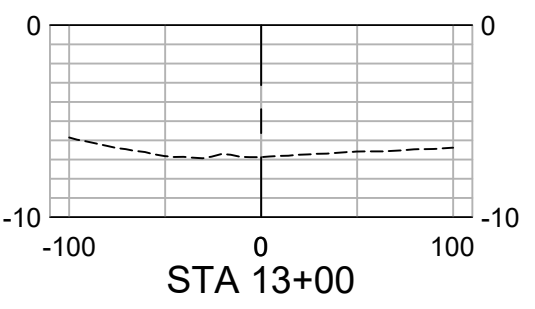
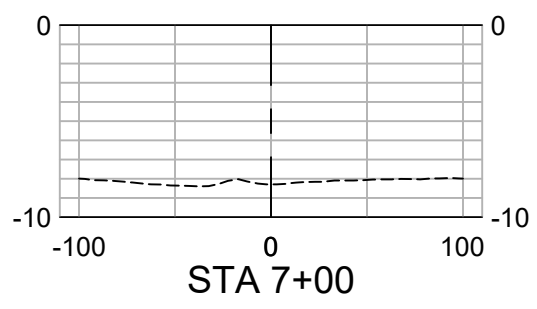
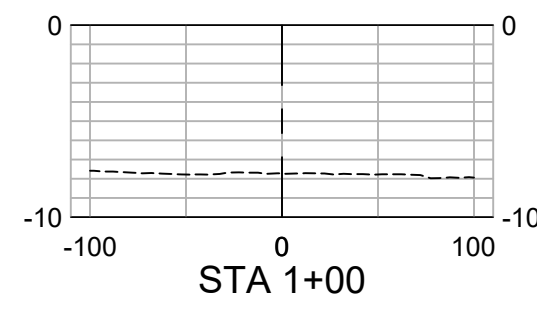
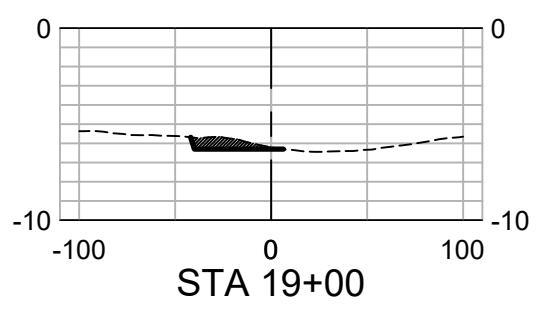
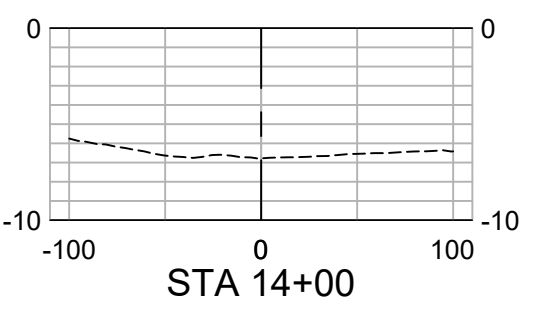
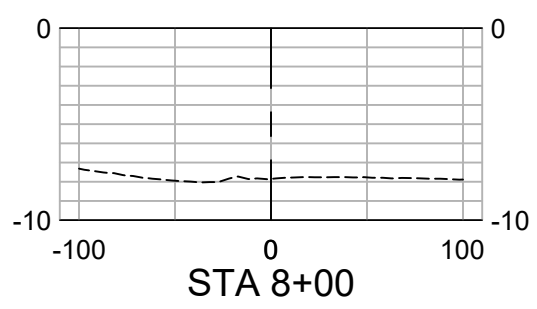
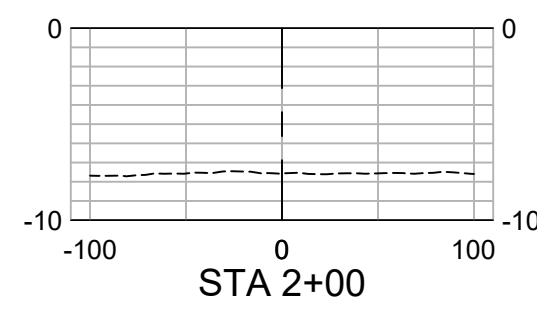
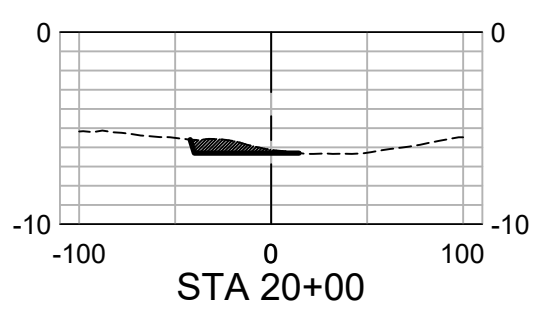
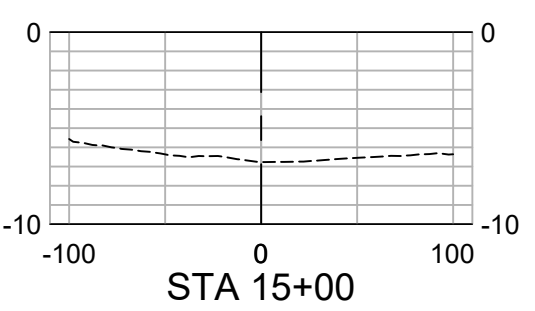
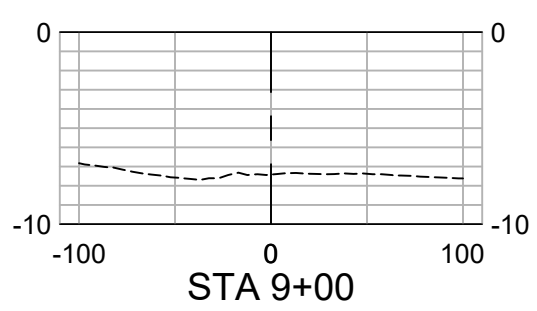
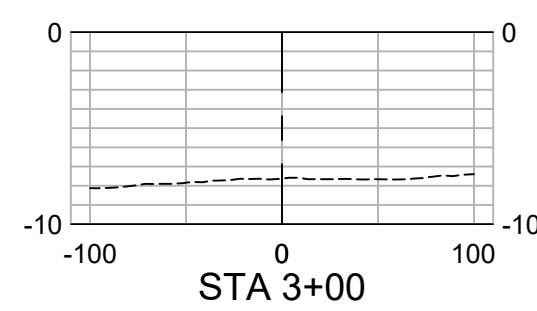
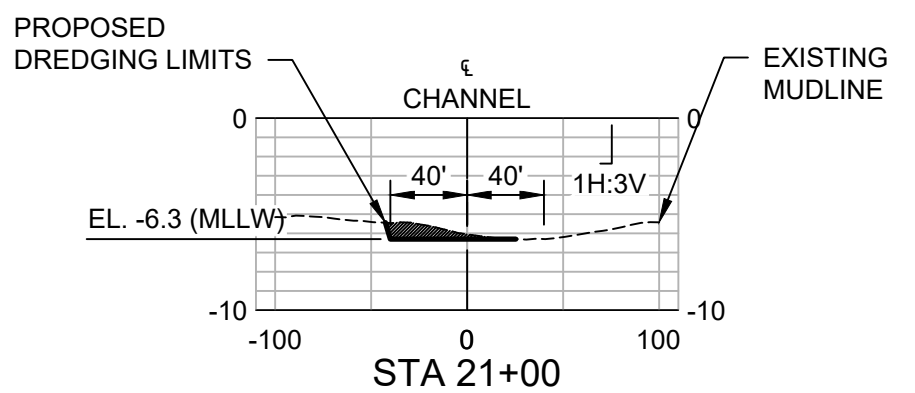
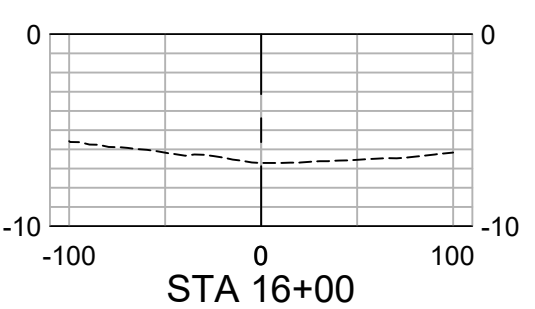
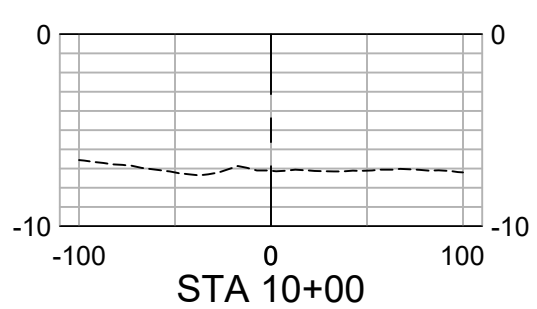
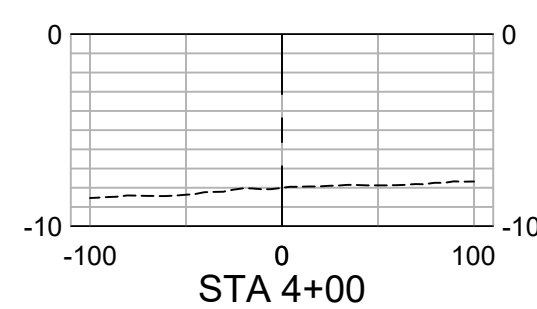
ENLARGED LAYOUT (13 OF 13)

0 1" 2"

FILENAME | 00C-14.dwg  
SCALE | 1" = 100'

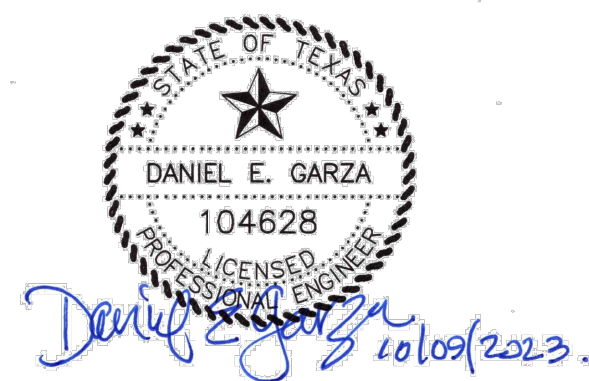
SHEET | 16





ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

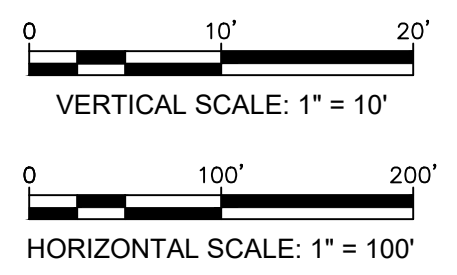
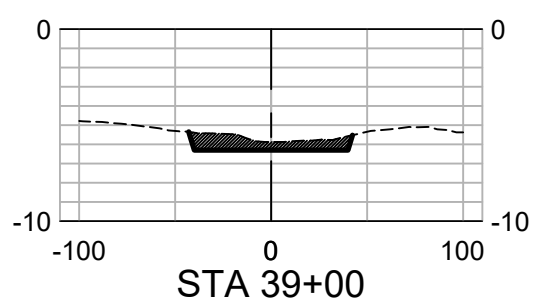
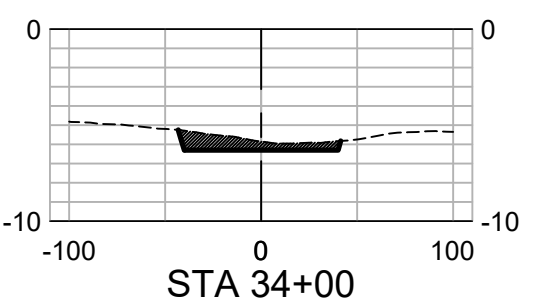
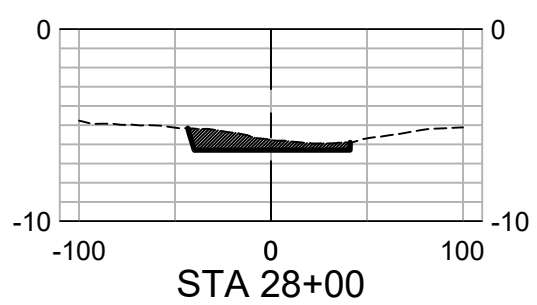
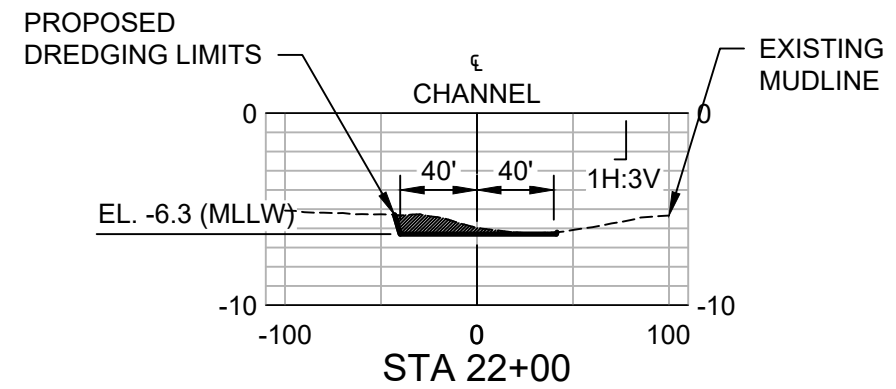
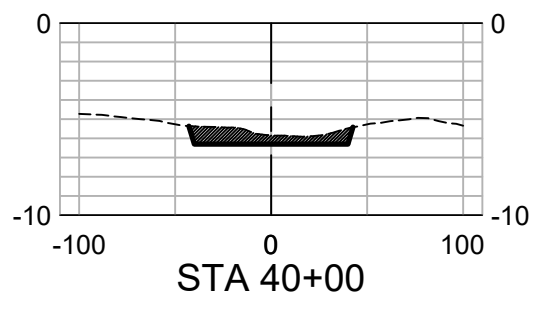
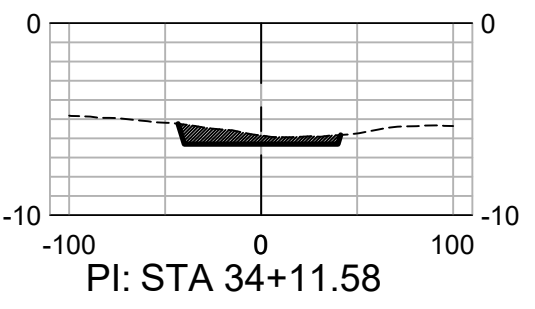
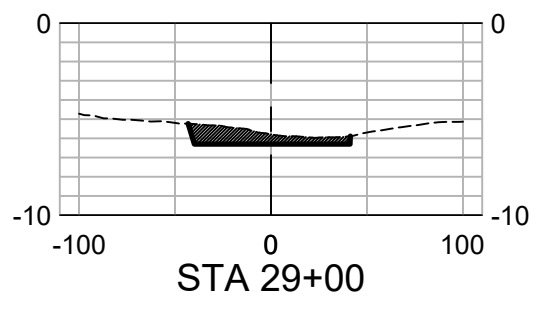
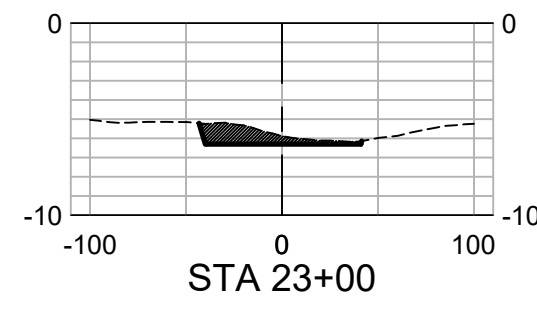
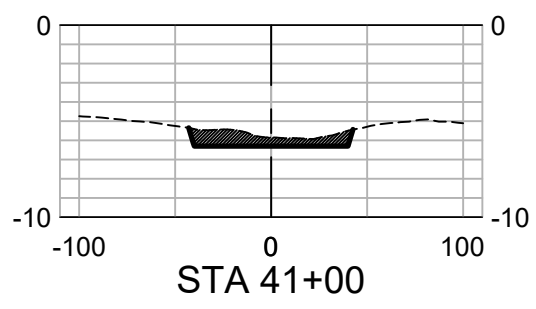
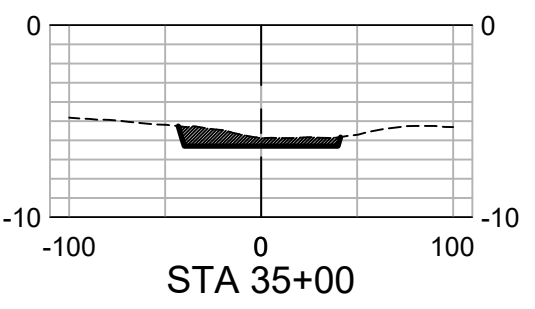
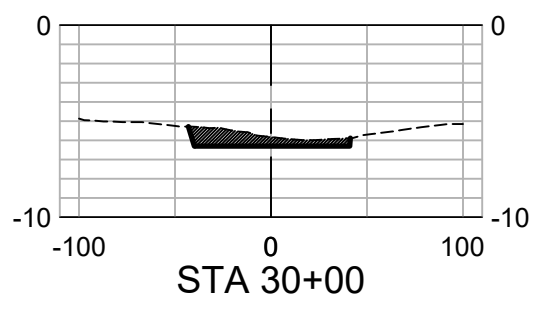
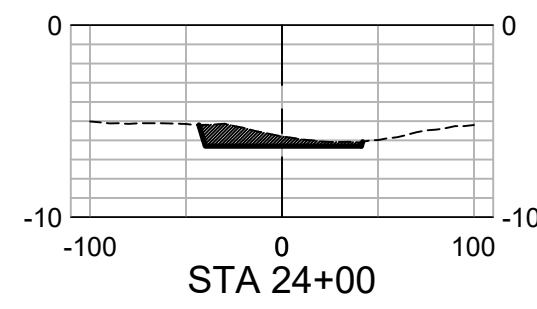
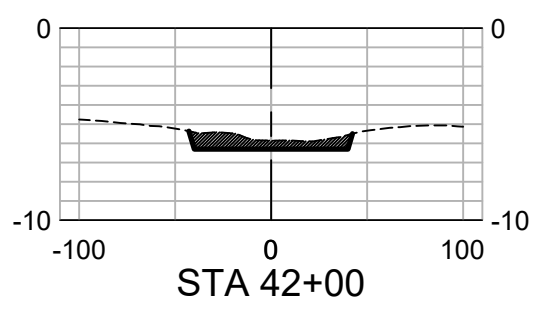
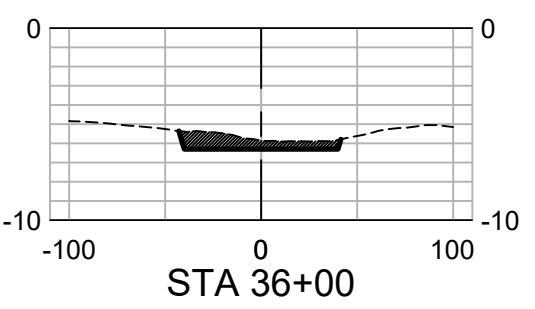
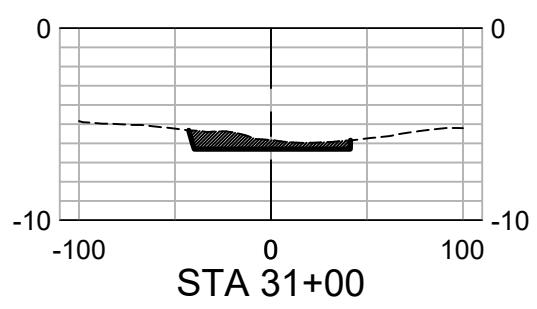
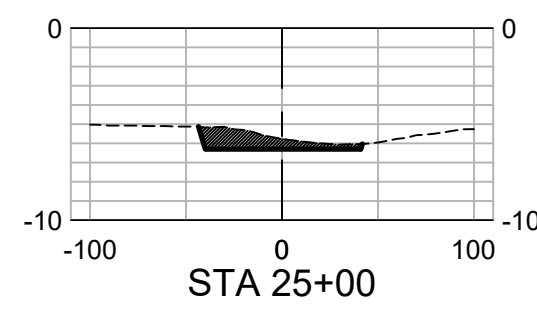
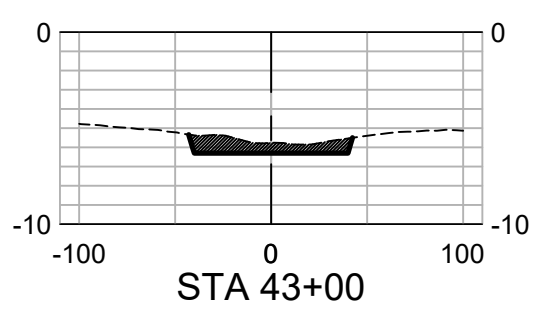
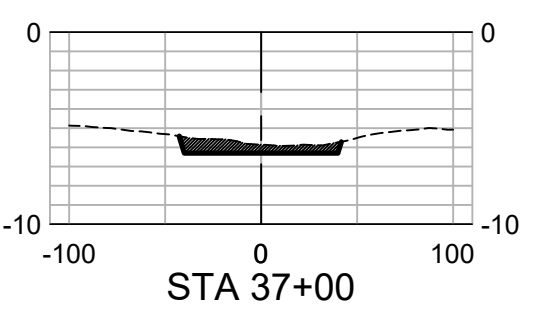
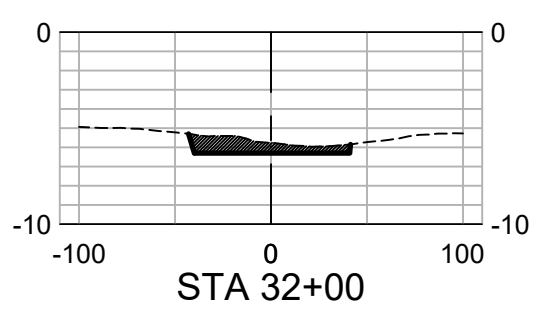
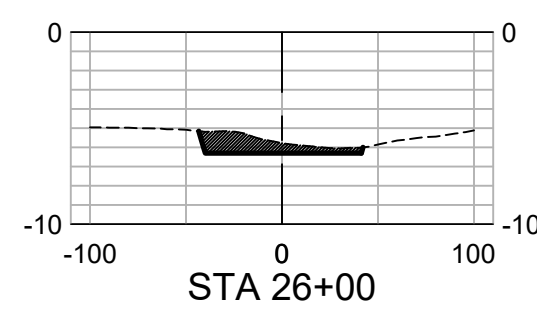
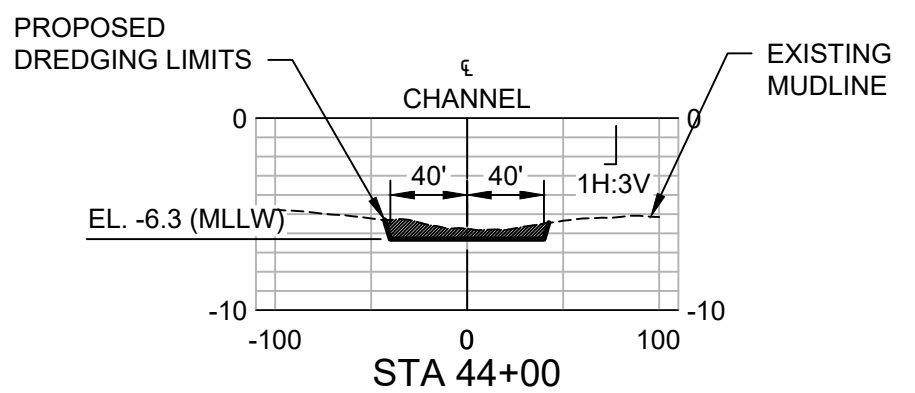
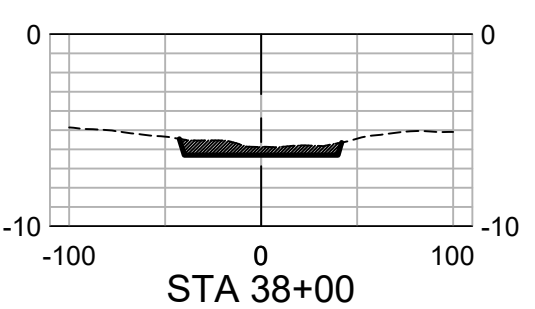
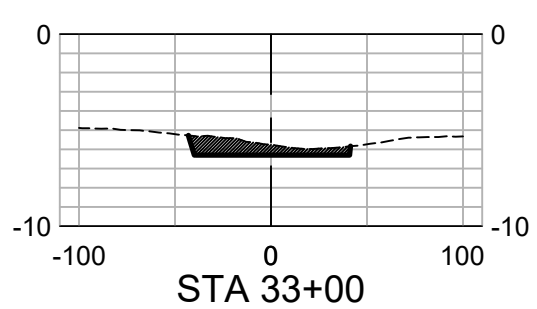
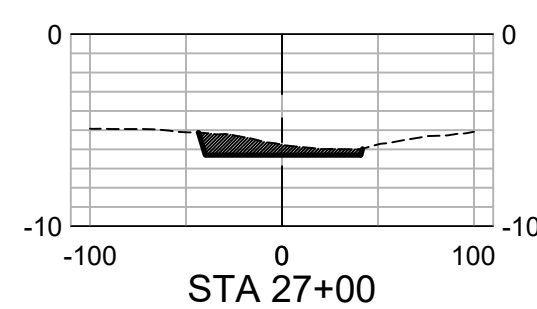
PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



**CROSS SECTIONS (1 OF 11)**

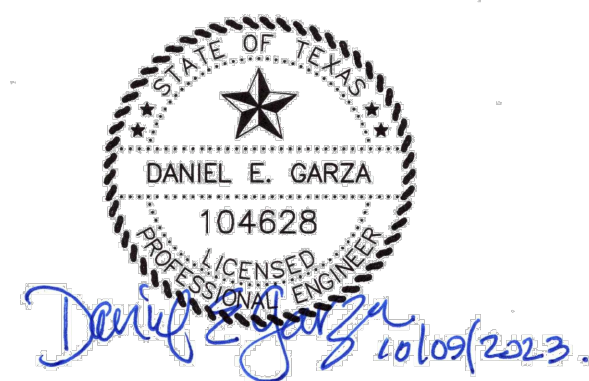
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SCALE | 1" = 100'

SHEET | 17



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



**CROSS SECTIONS (2 OF 11)**

SCALE 1" = 100'

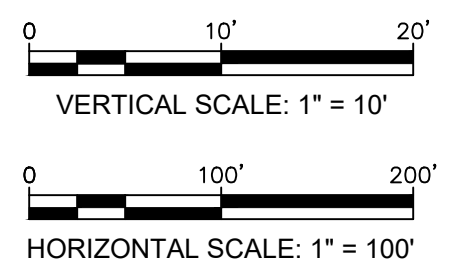
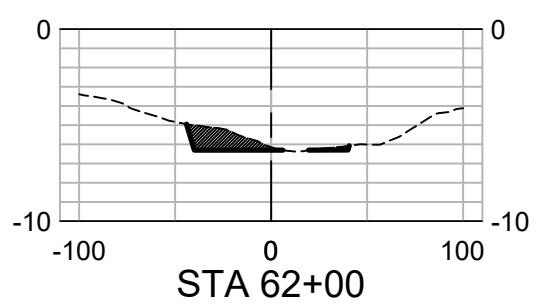
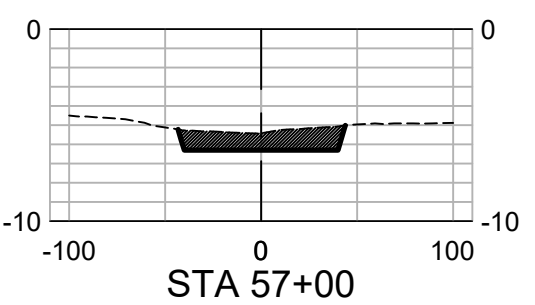
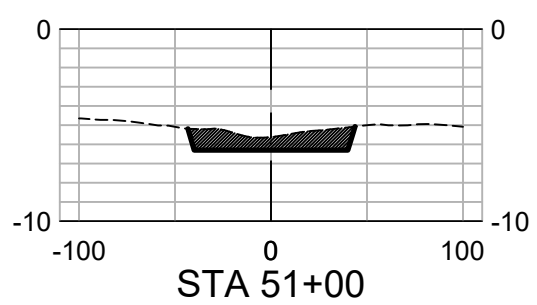
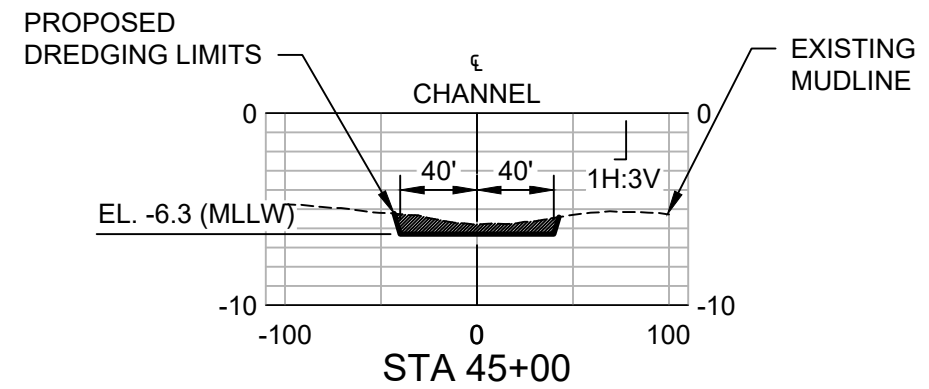
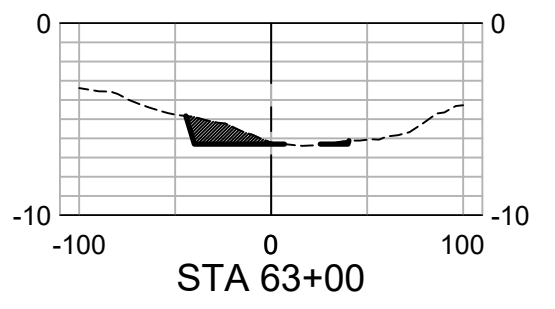
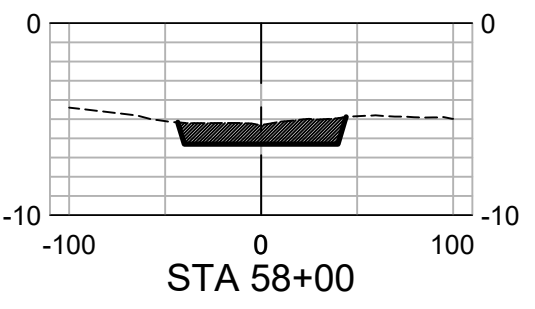
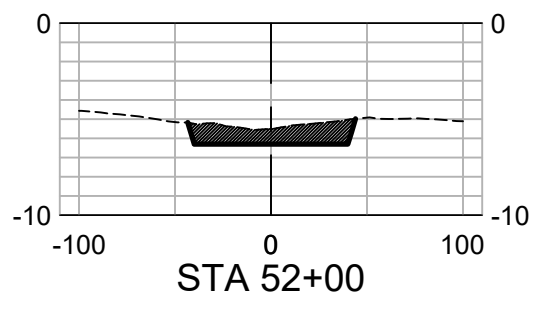
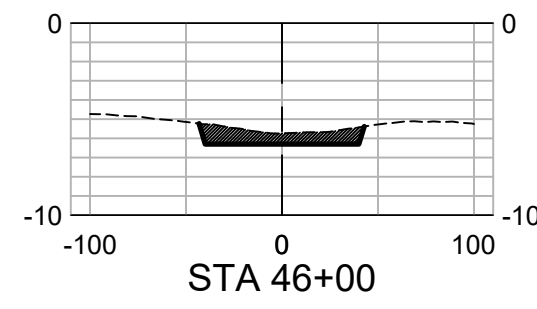
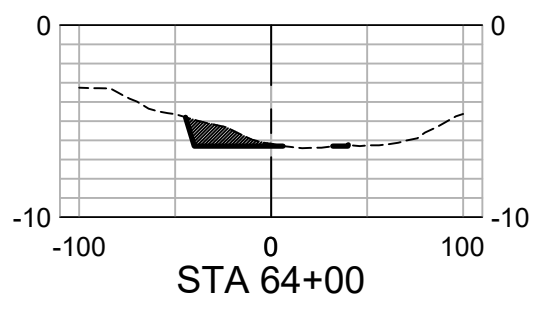
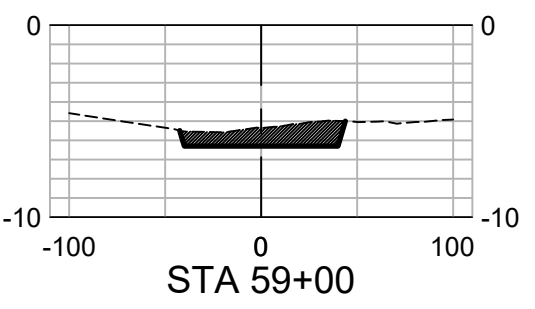
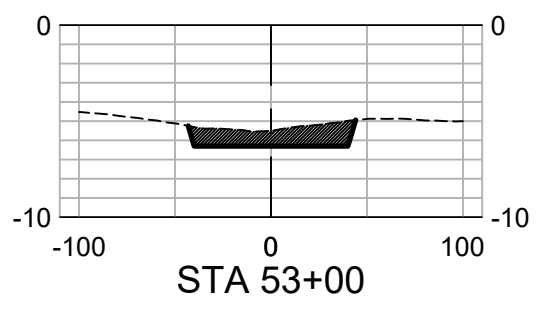
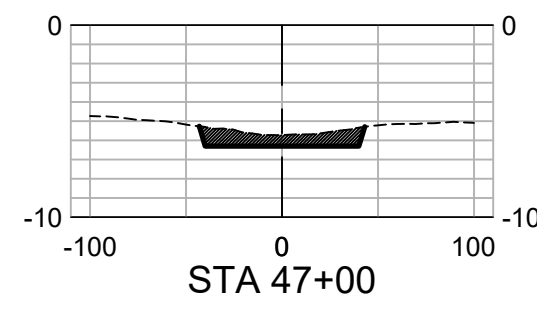
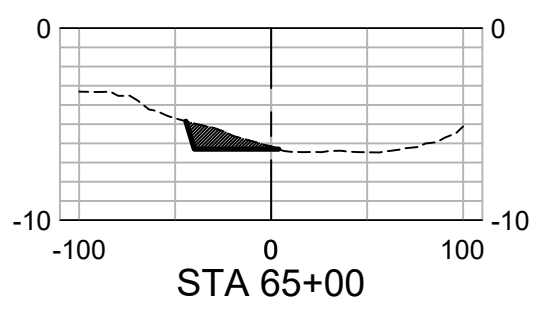
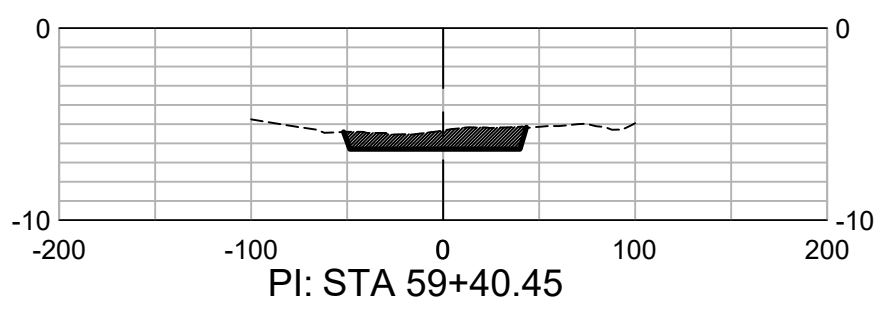
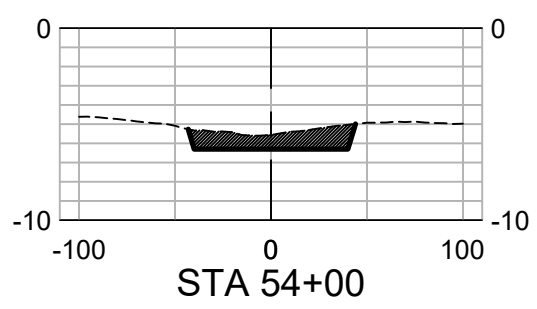
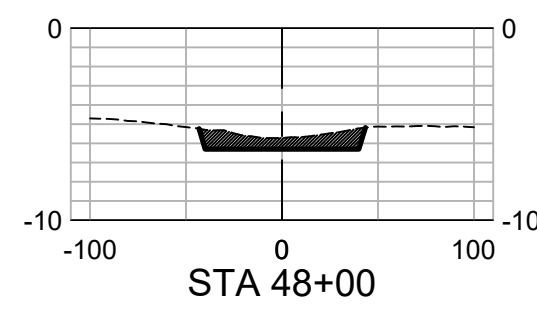
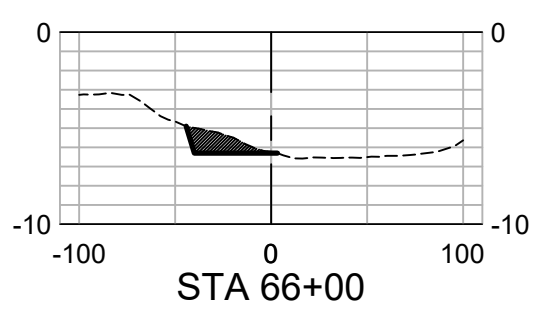
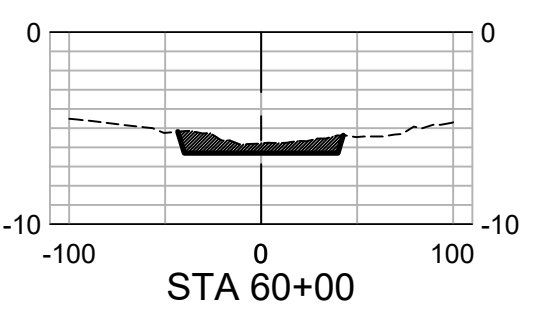
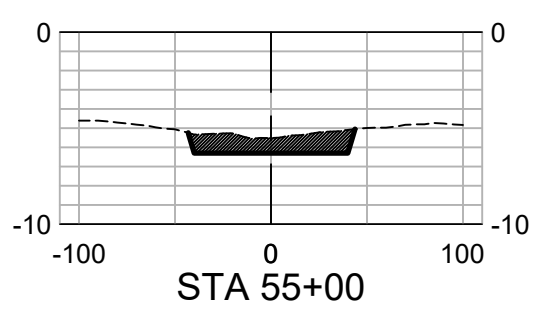
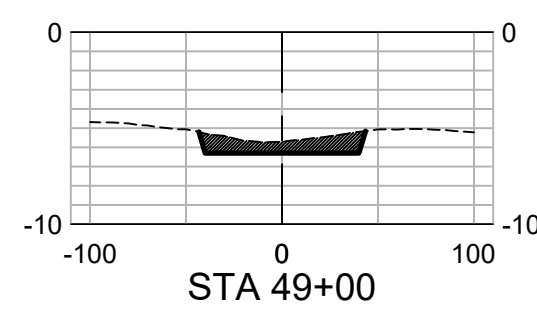
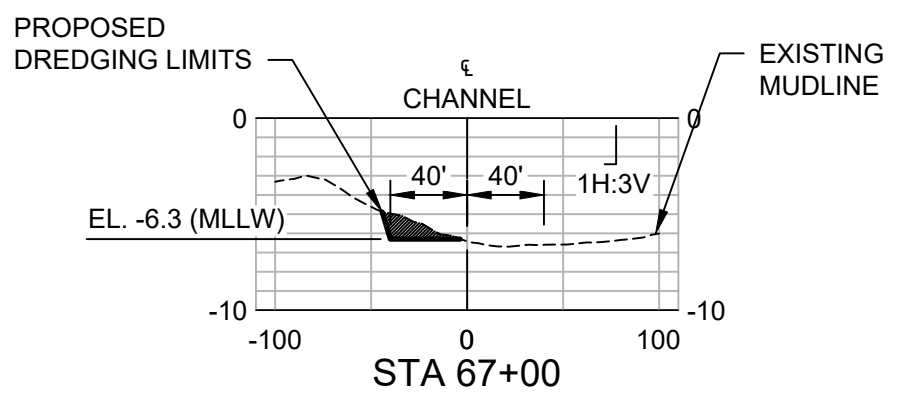
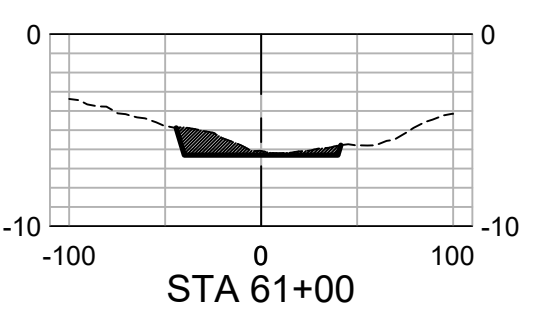
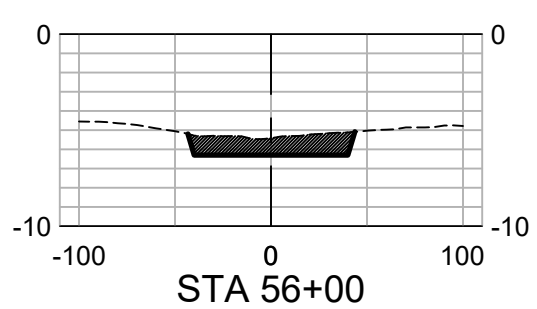
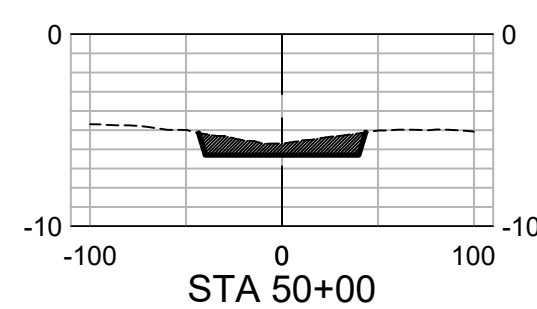
FILENAME 00C-XS01100.dwg

SCALE 1" = 100'

SHEET

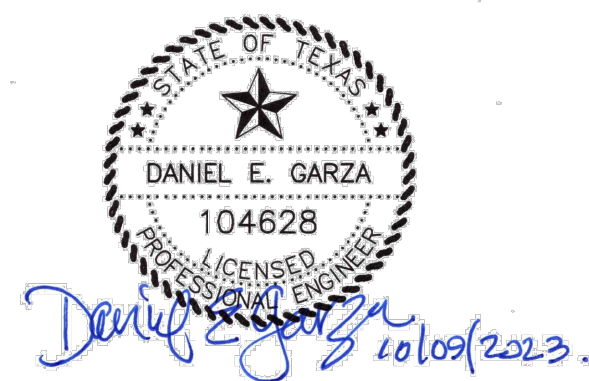
**18**





ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

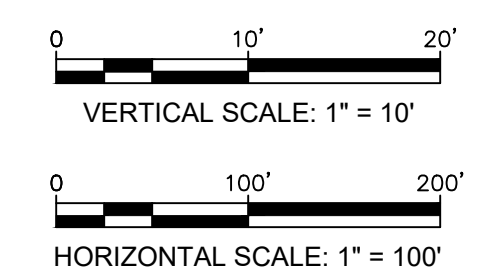
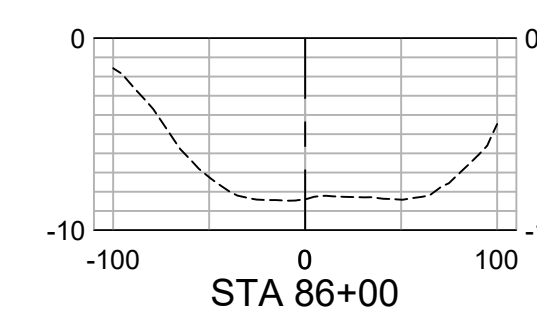
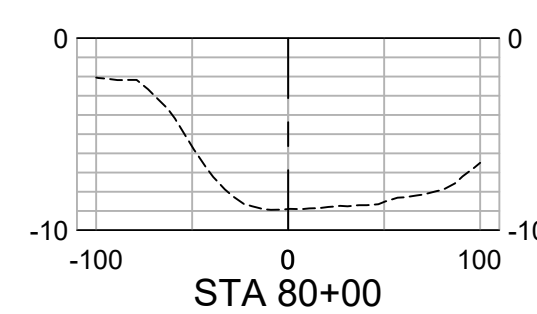
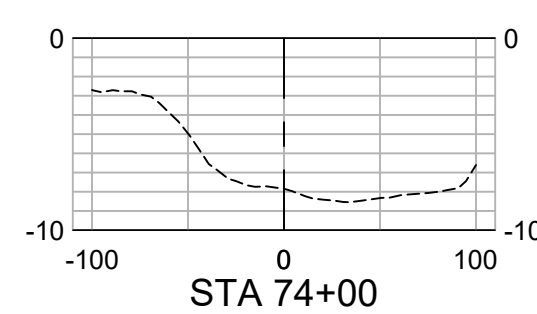
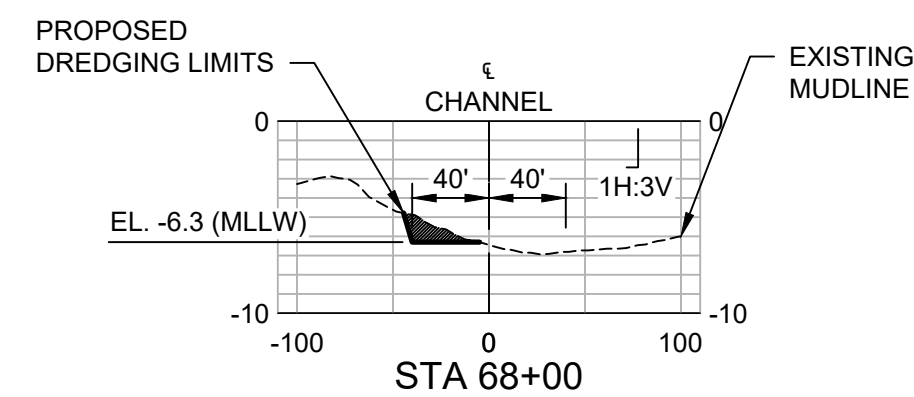
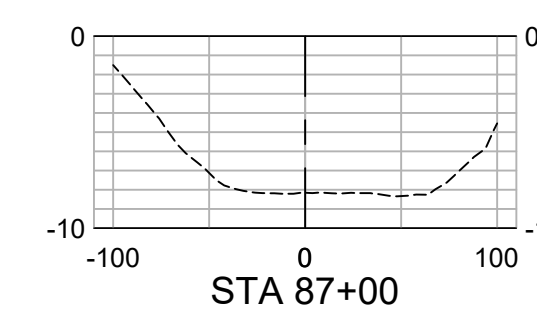
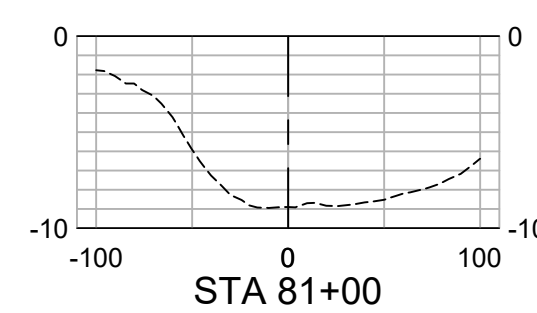
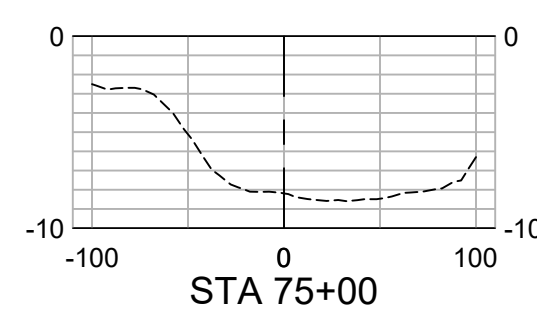
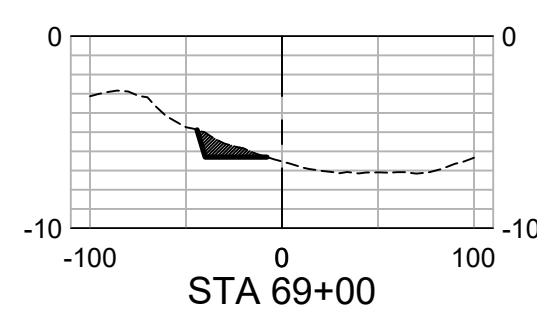
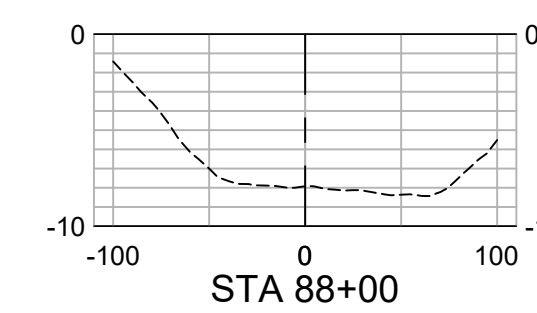
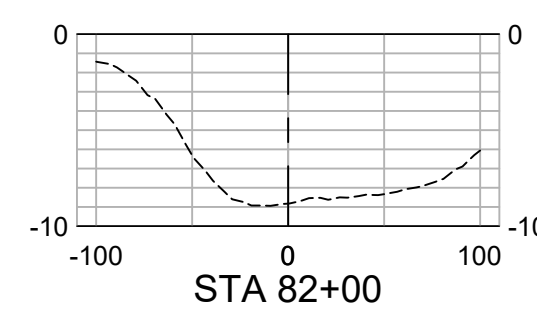
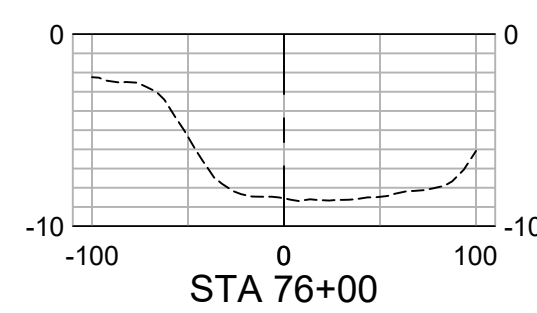
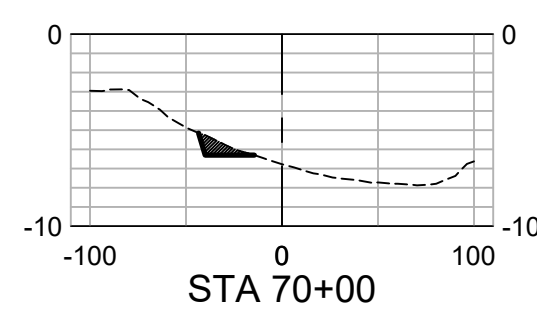
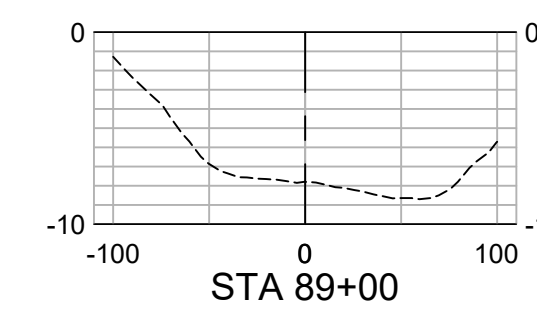
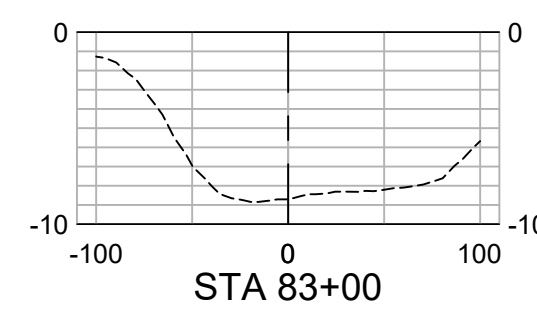
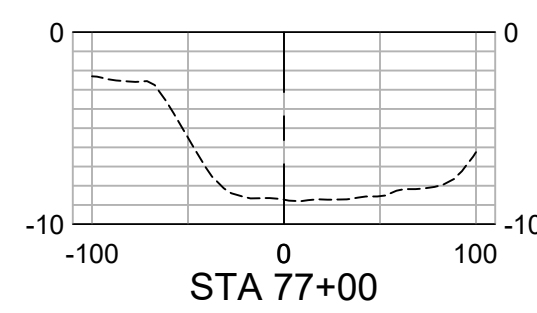
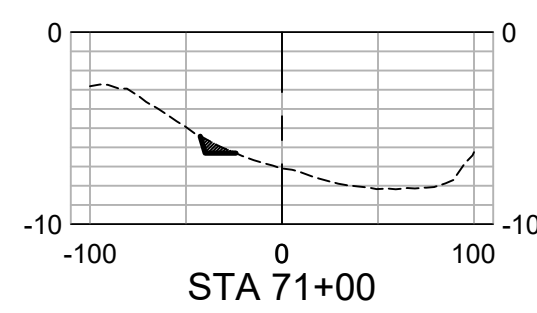
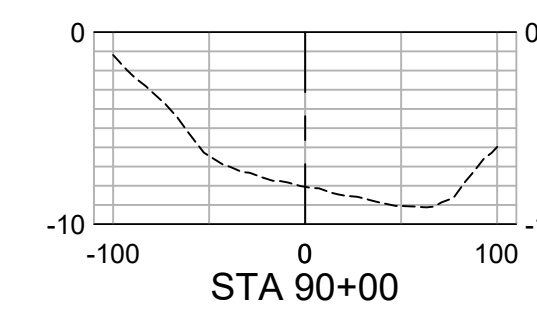
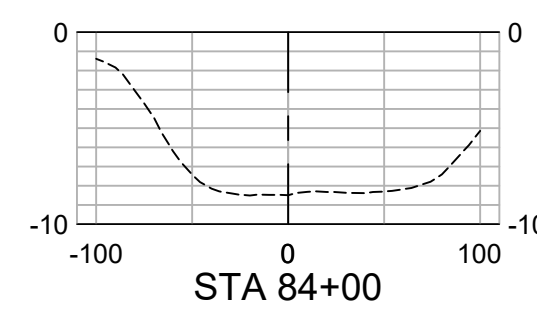
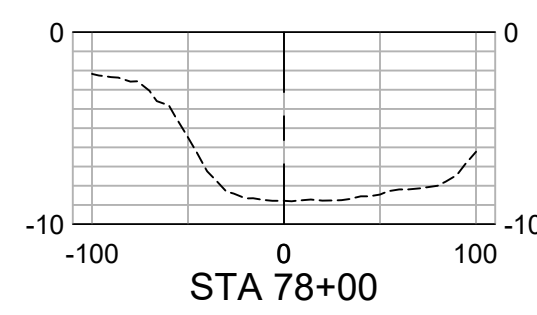
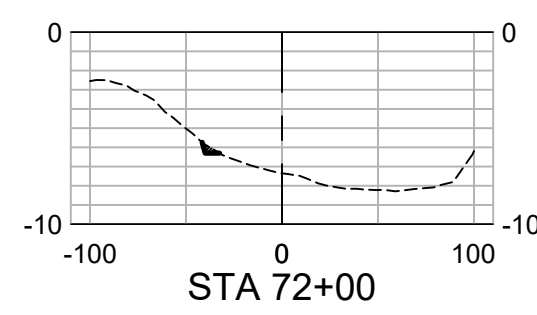
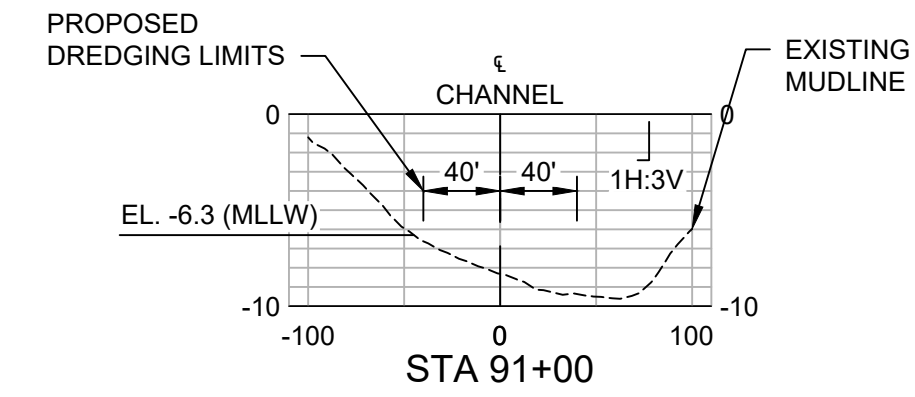
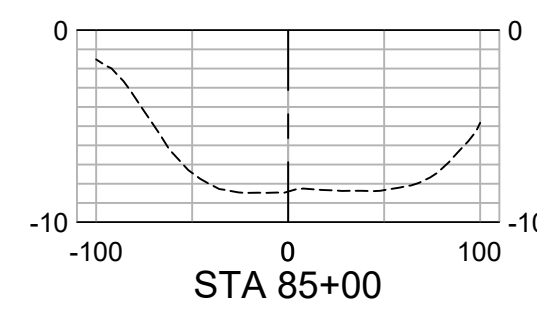
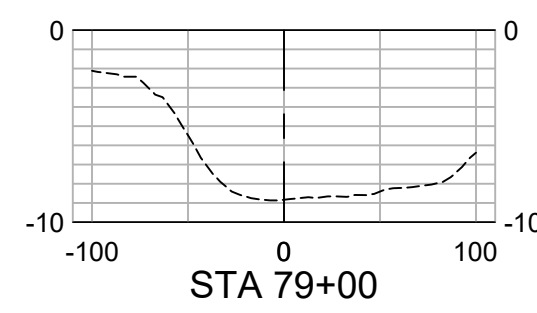
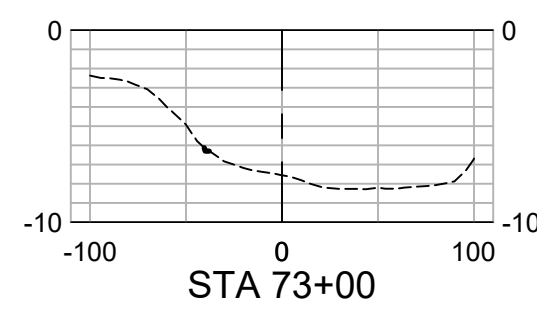
PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



**CROSS SECTIONS (3 OF 11)**

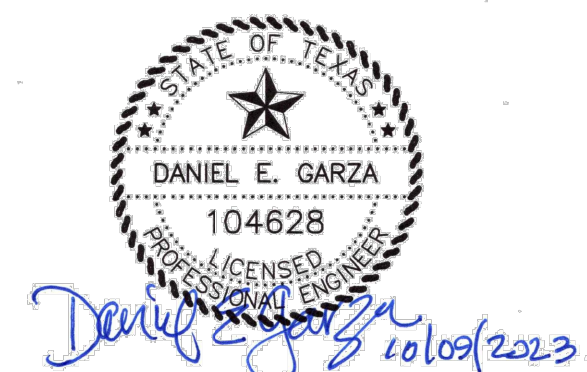
FILENAME | 00C-XS01100.dwg  
SCALE | 1" = 100'

SHEET  
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ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899

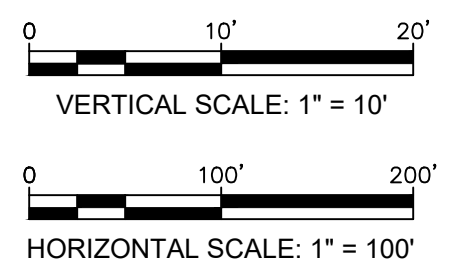
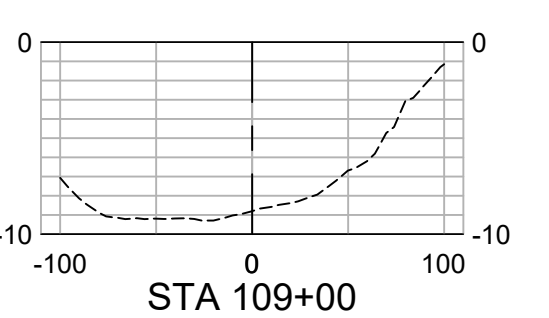
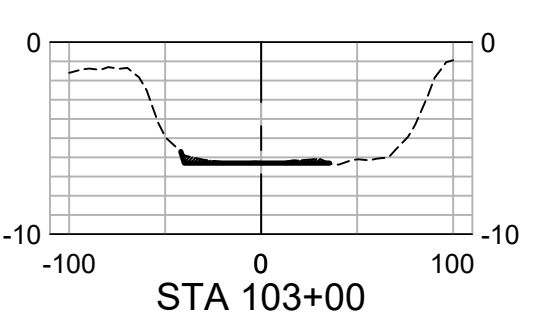
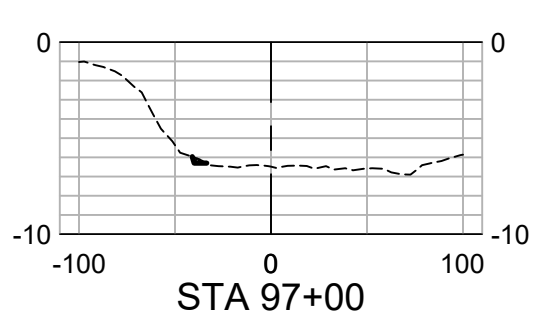
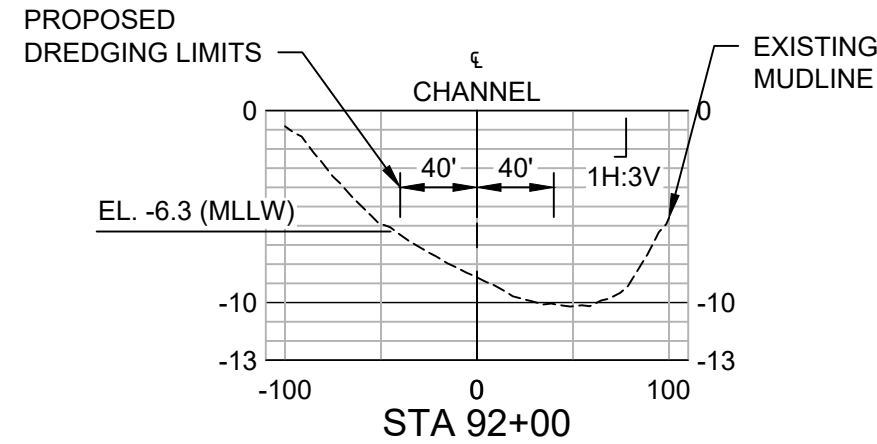
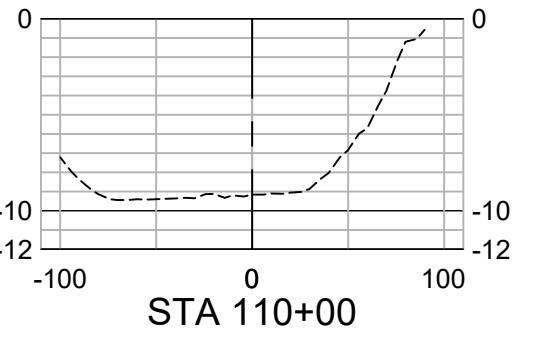
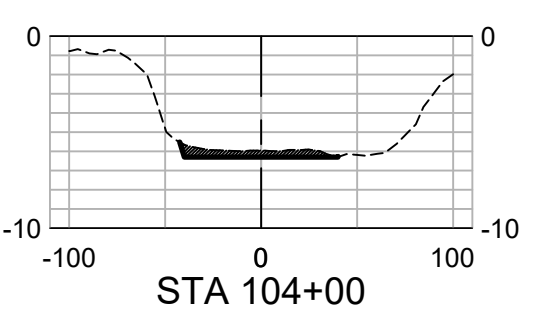
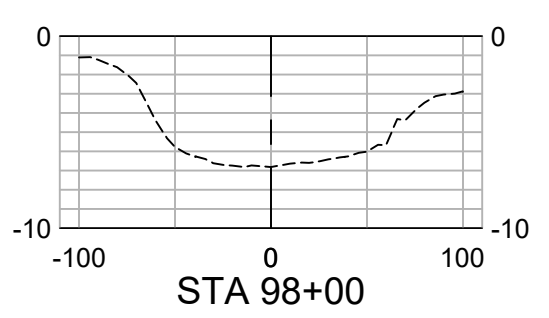
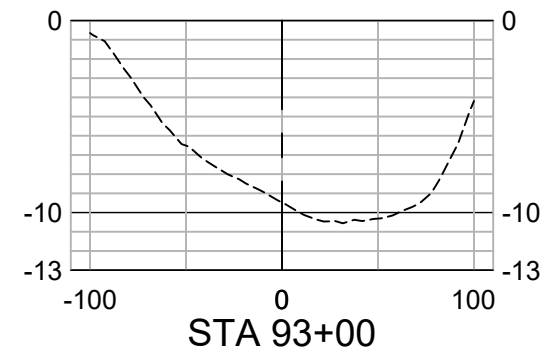
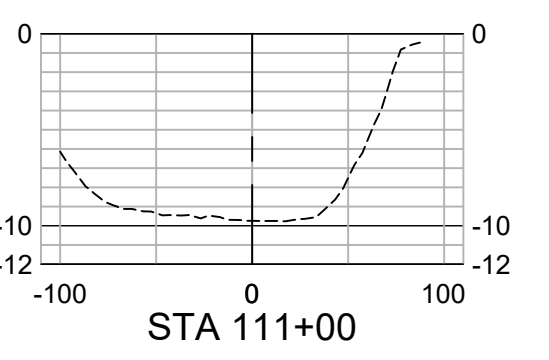
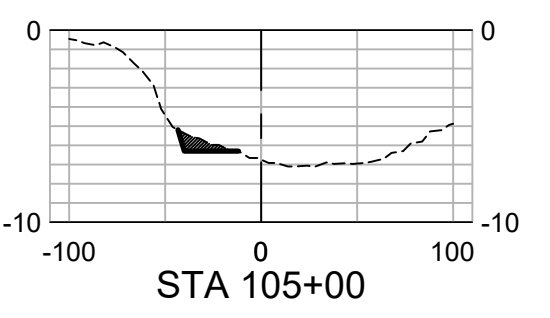
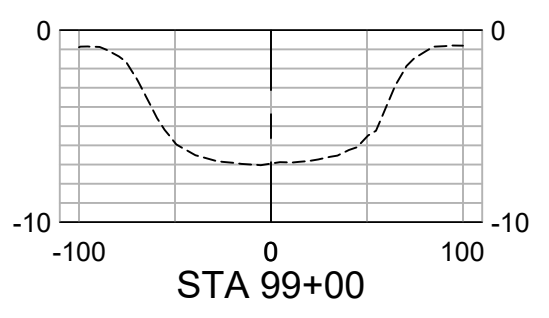
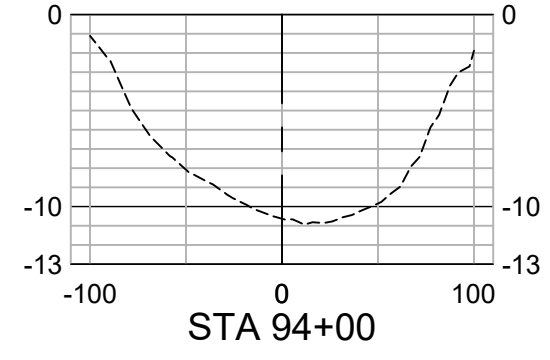
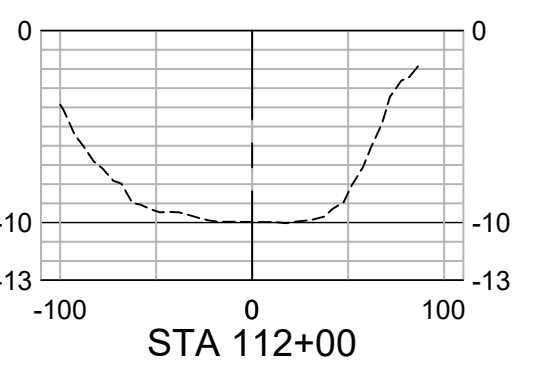
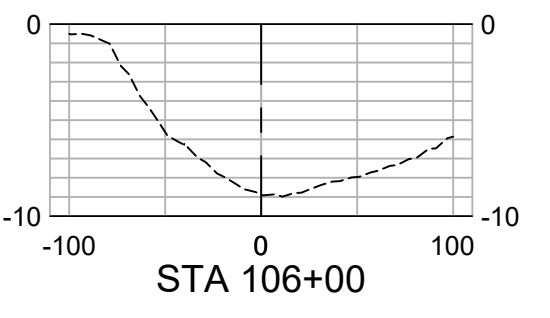
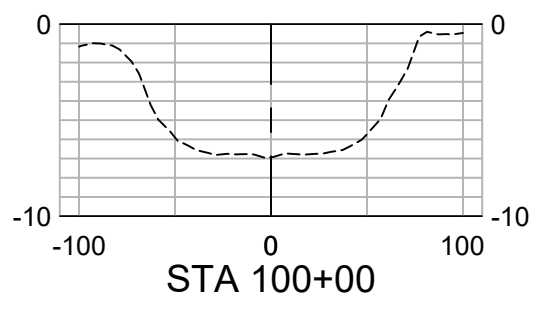
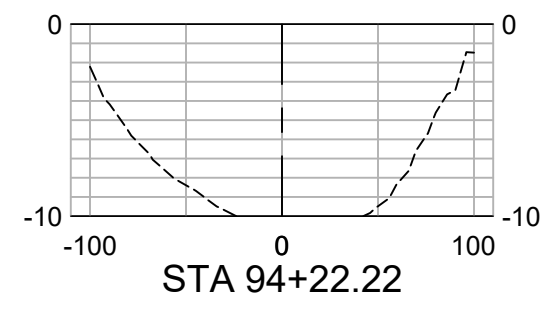
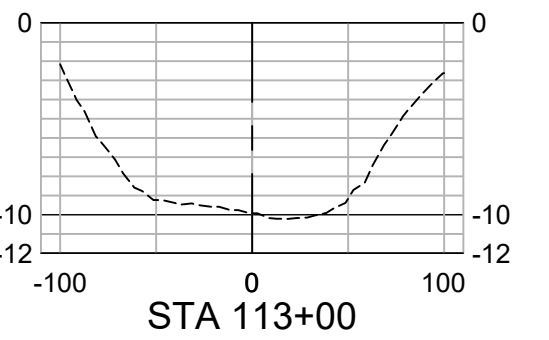
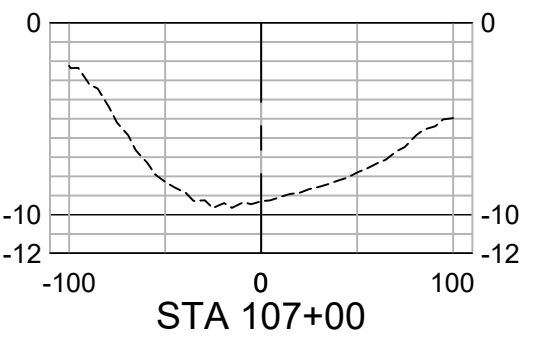
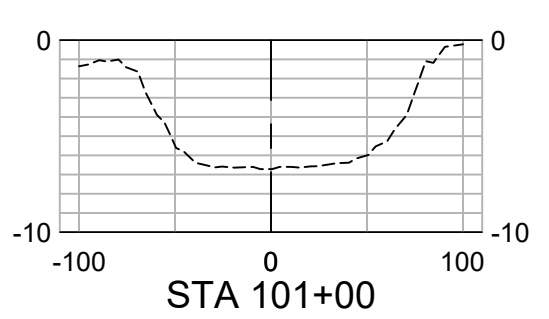
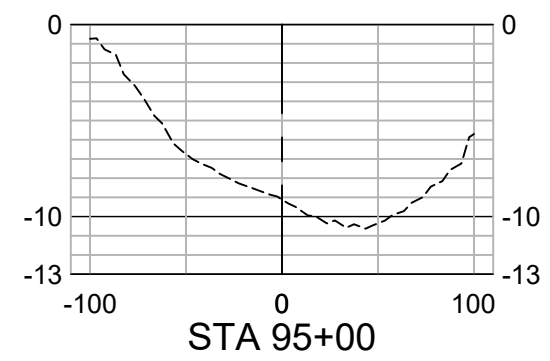
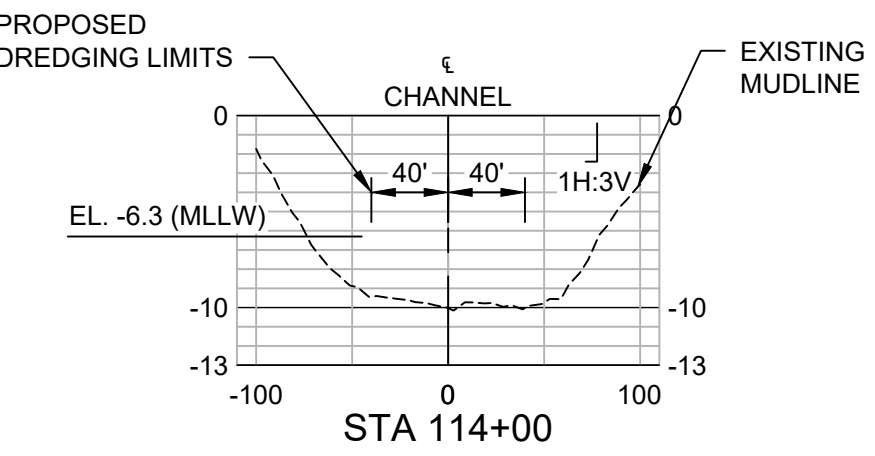
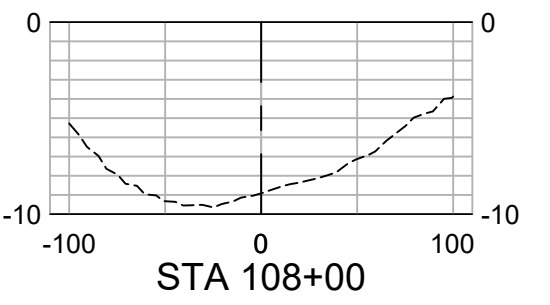
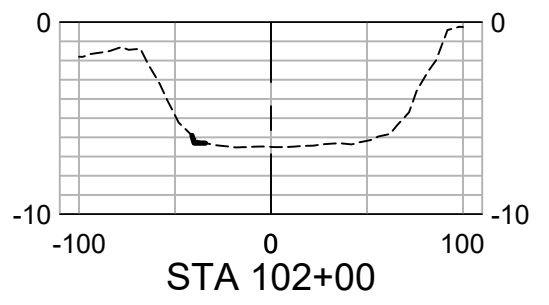
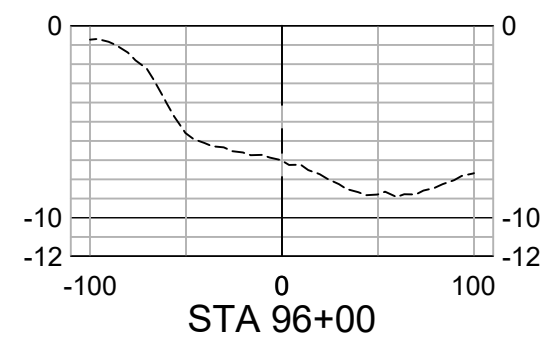


**CROSS SECTIONS (4 OF 11)**

FILENAME: 00C-XS01100.dwg  
SCALE: 1" = 100'

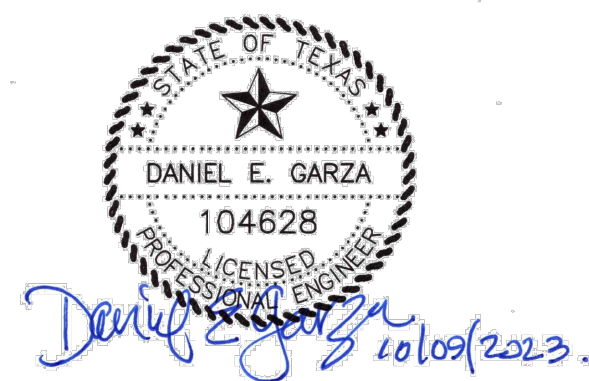
SHEET  
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ISSUE	DATE	DESCRIPTION
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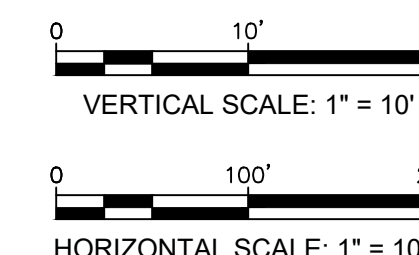
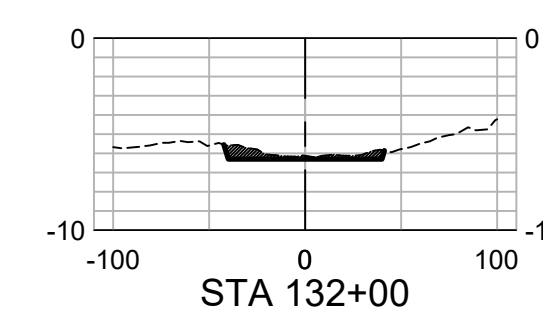
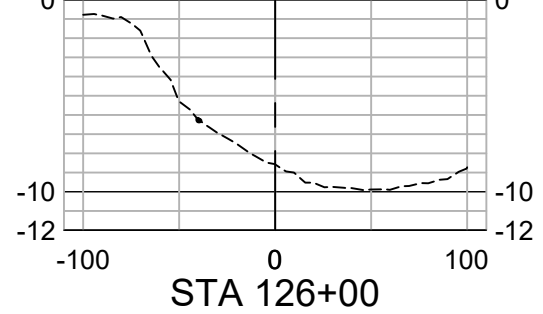
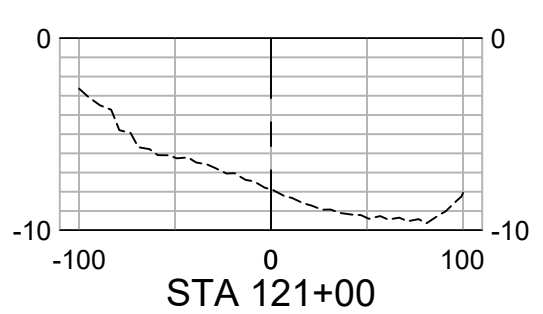
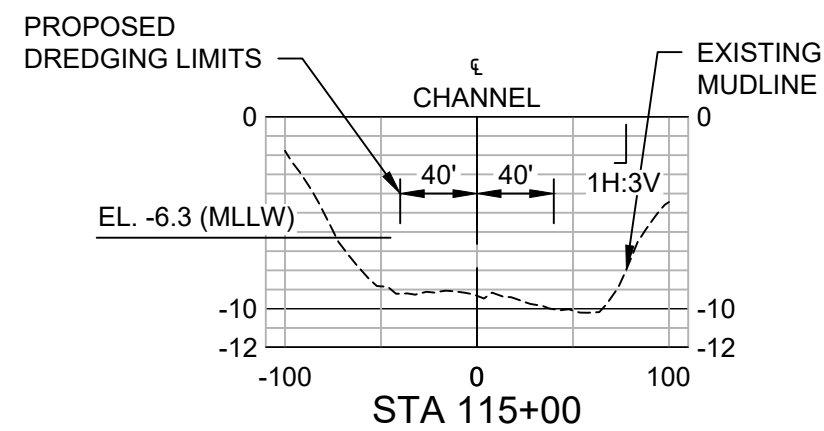
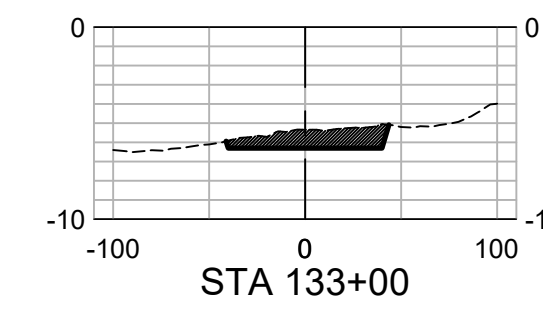
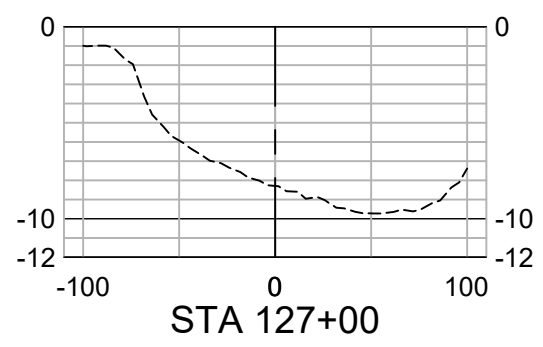
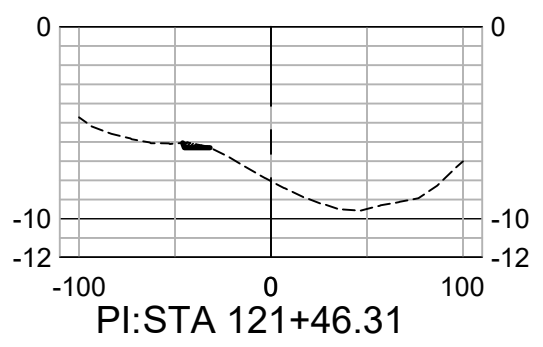
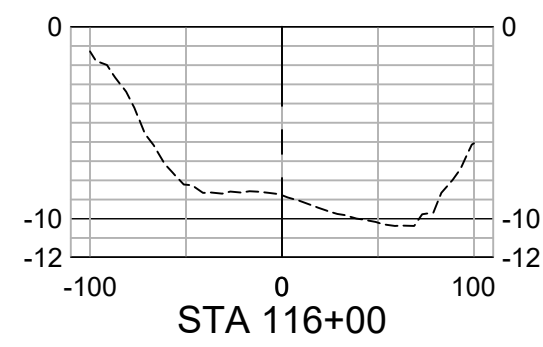
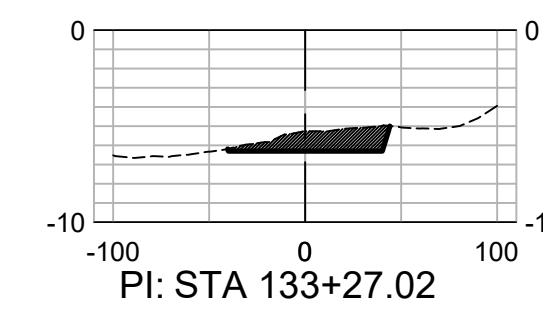
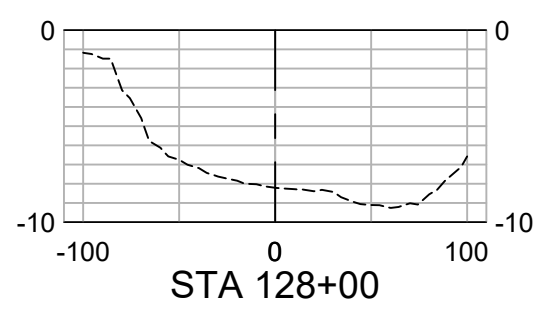
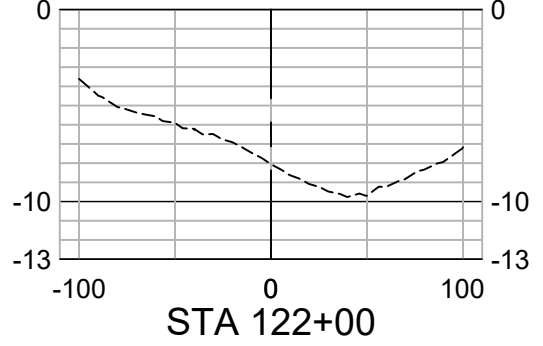
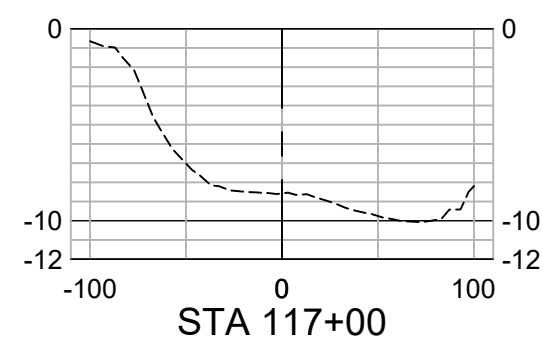
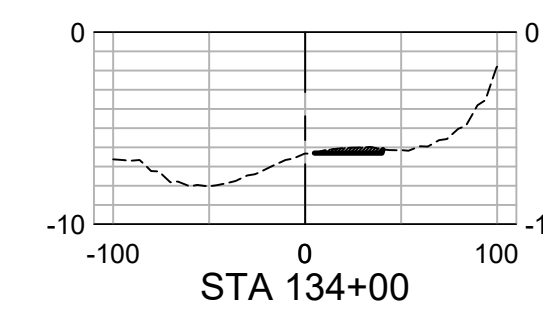
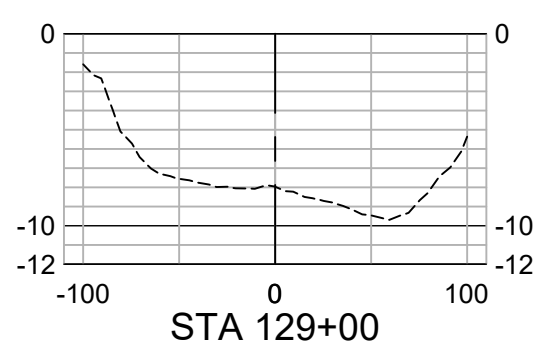
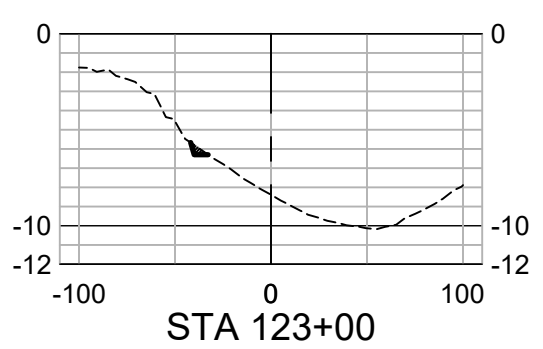
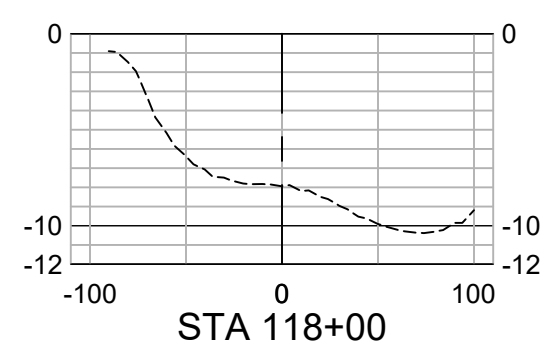
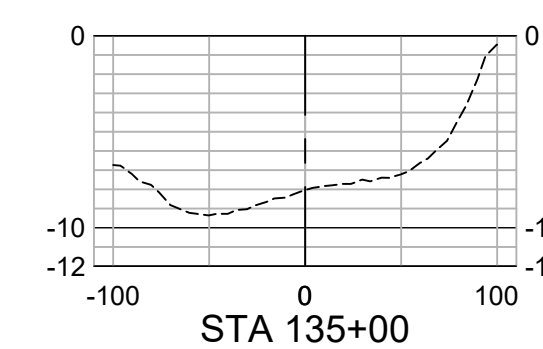
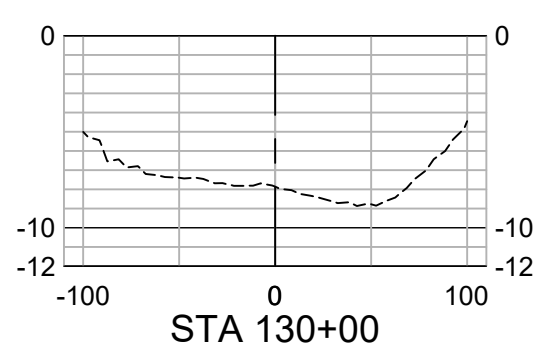
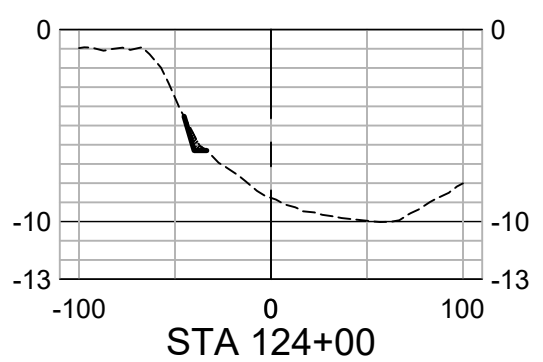
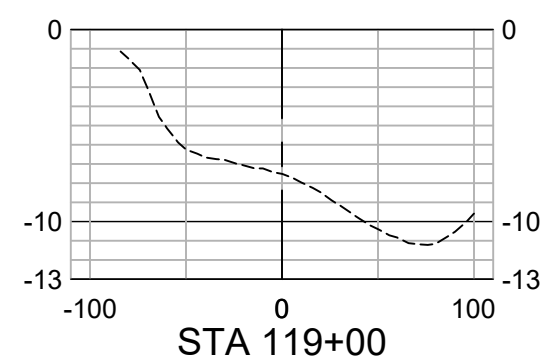
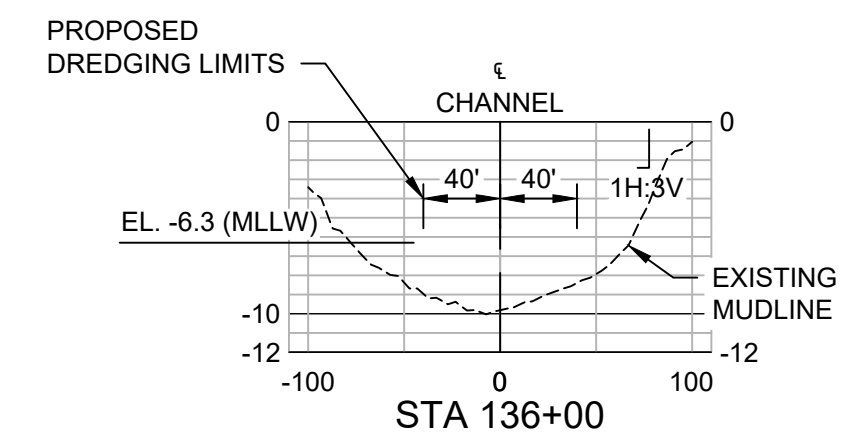
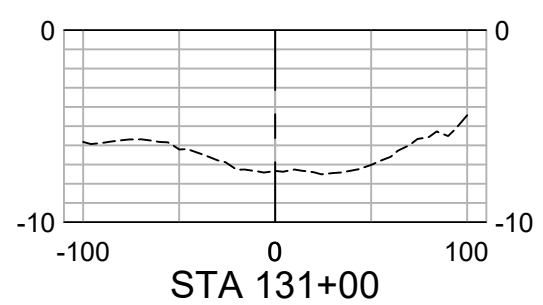
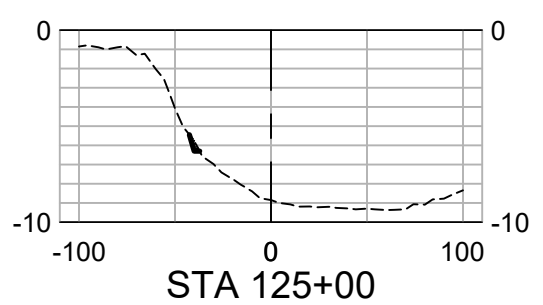
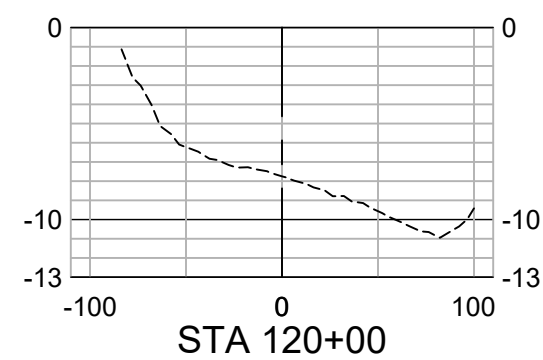
PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



**CROSS SECTIONS (5 OF 11)**

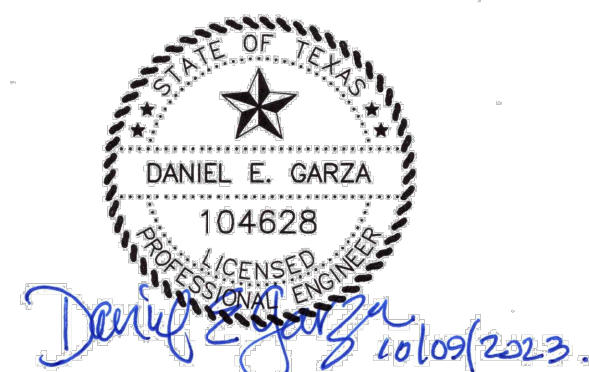
FILENAME | 00C-XS01100.dwg  
SCALE | 1" = 100'

SHEET  
**21**



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899

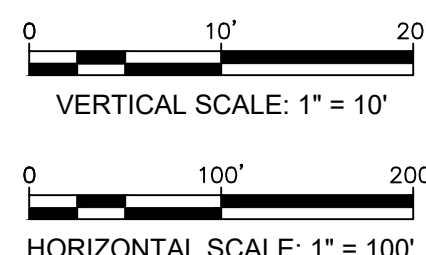
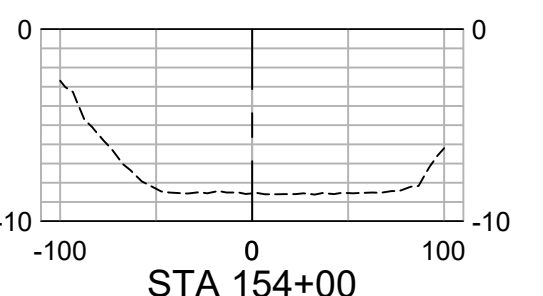
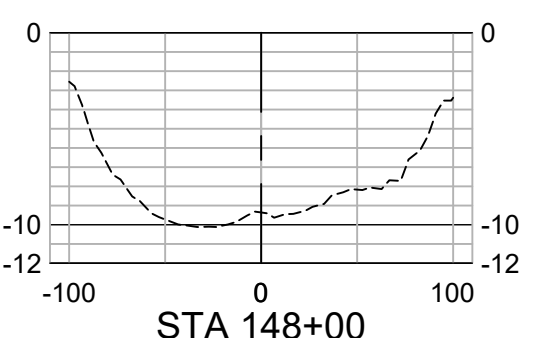
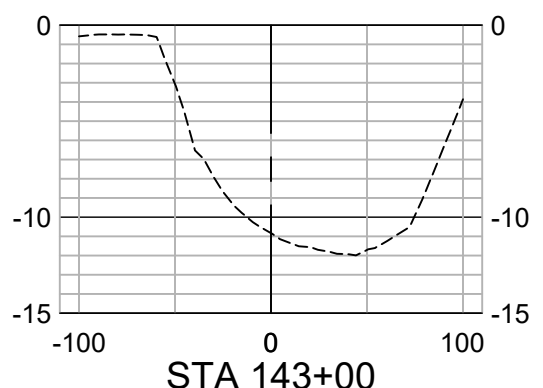
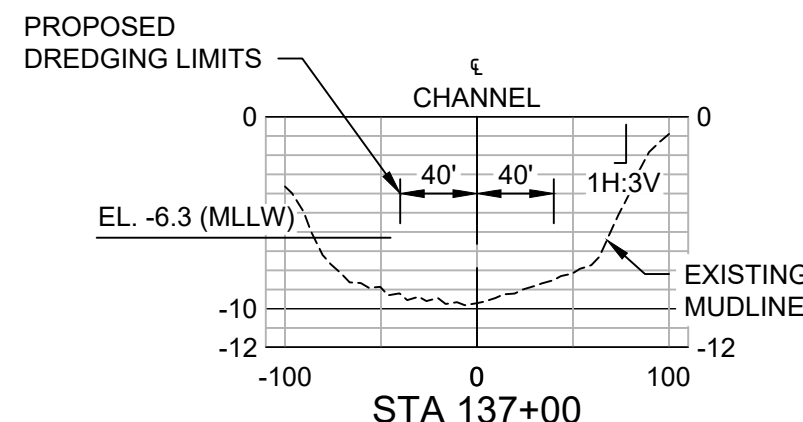
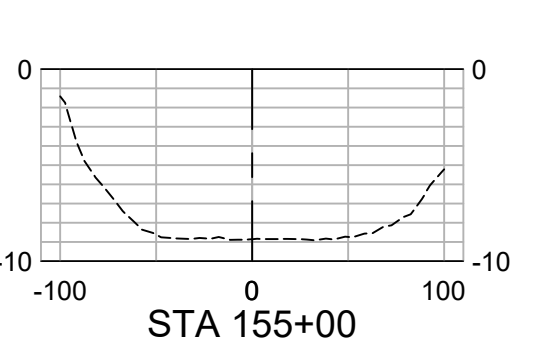
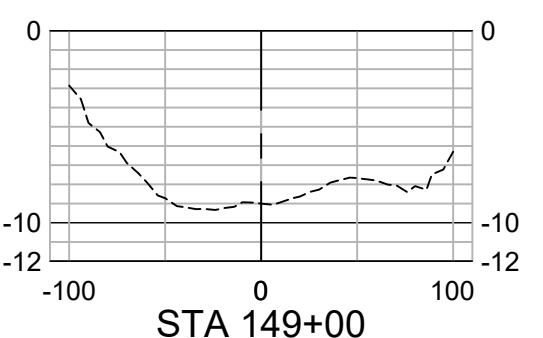
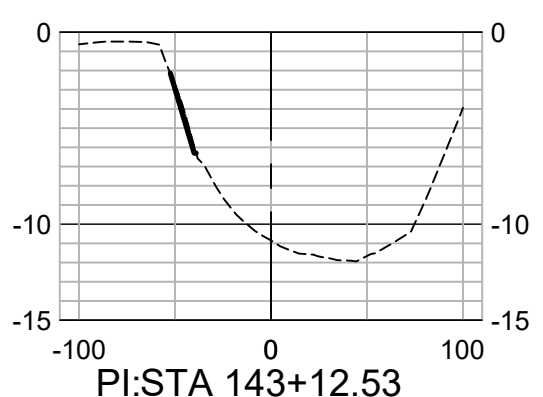
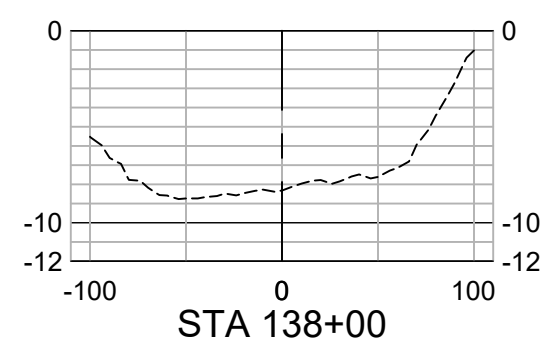
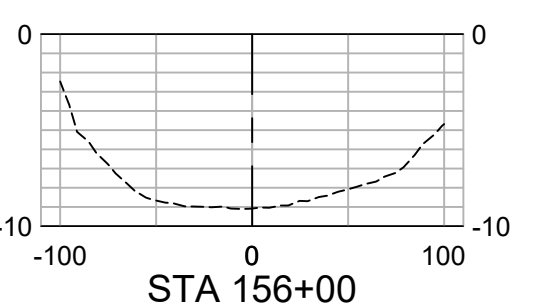
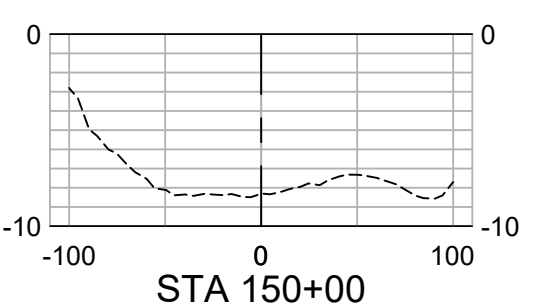
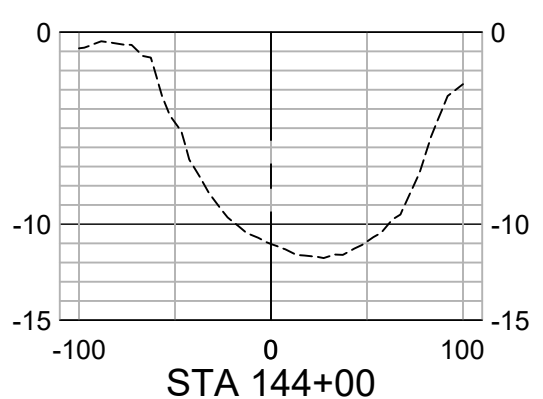
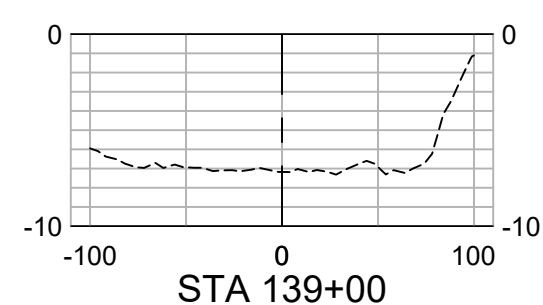
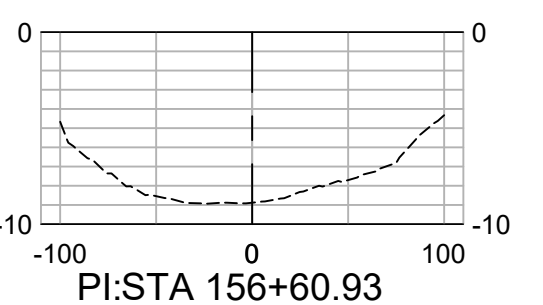
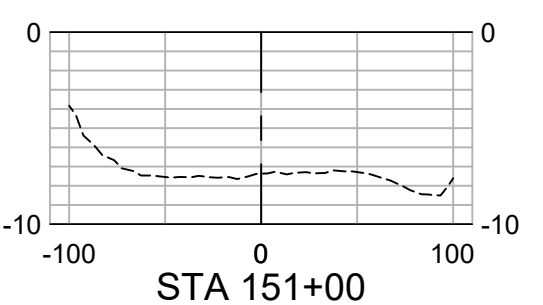
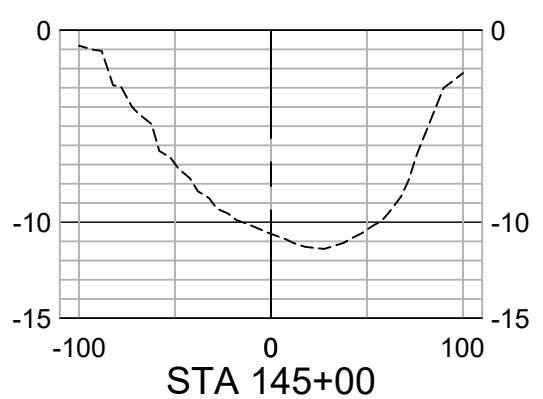
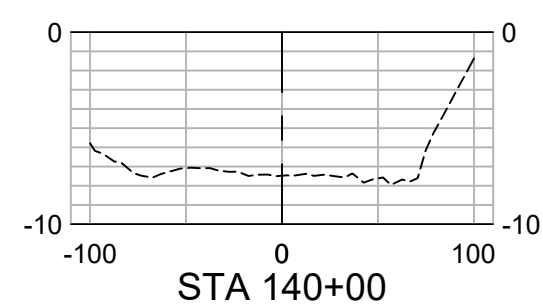
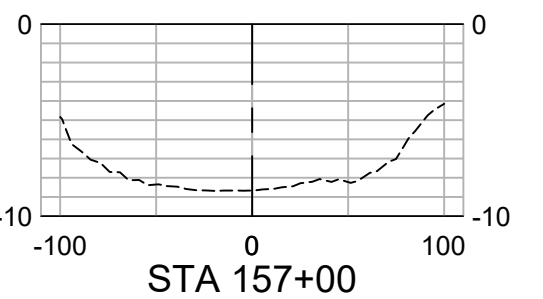
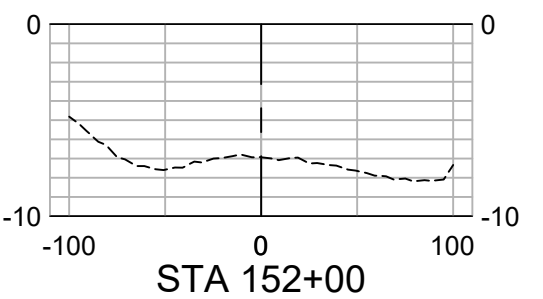
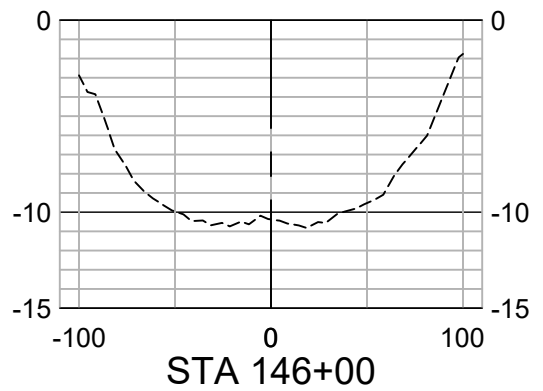
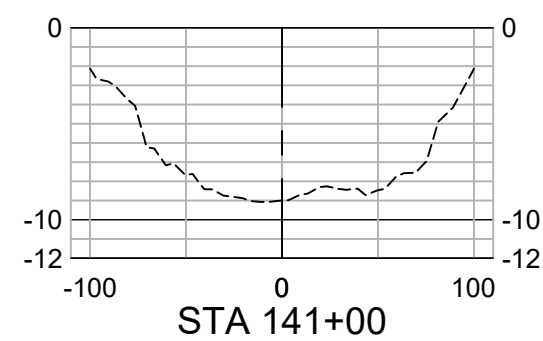
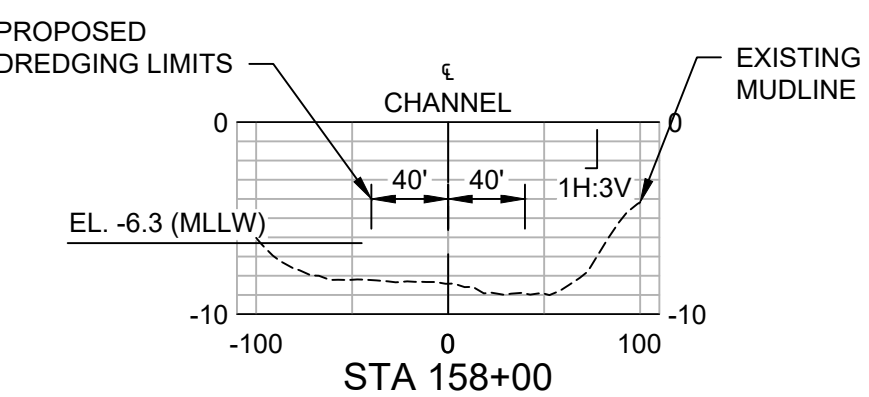
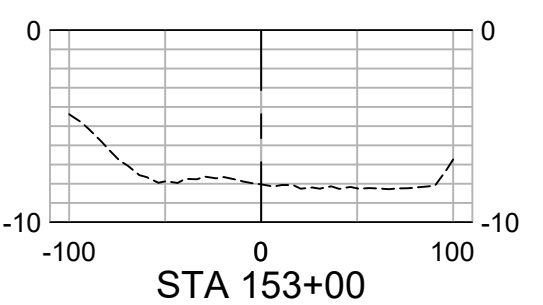
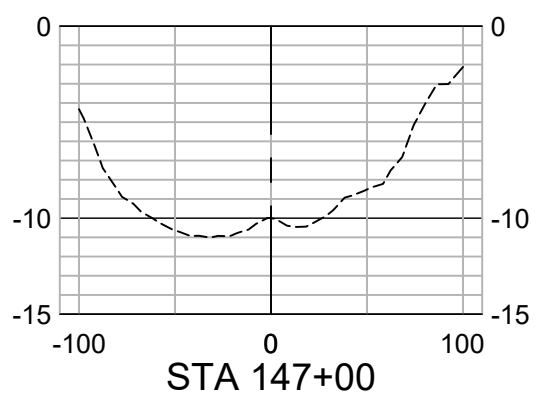
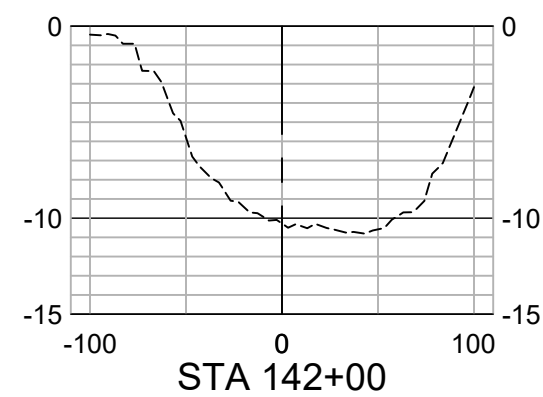


**CROSS SECTIONS (6 OF 11)**

FILENAME | 00C-XS01100.dwg  
SCALE | 1" = 100'

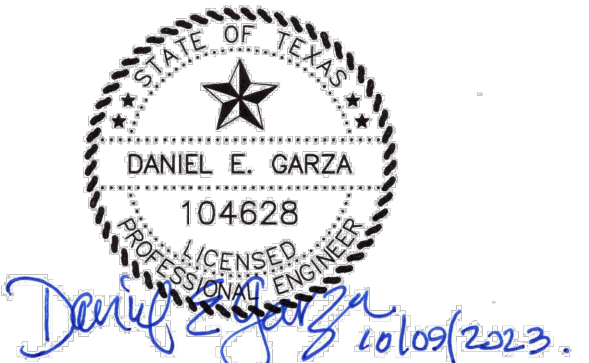
SHEET  
**22**





ISSUE	DATE	DESCRIPTION
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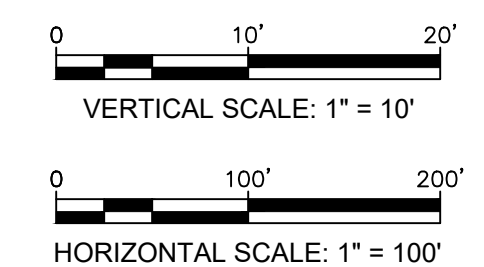
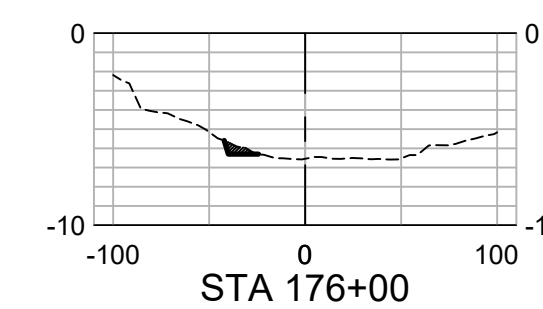
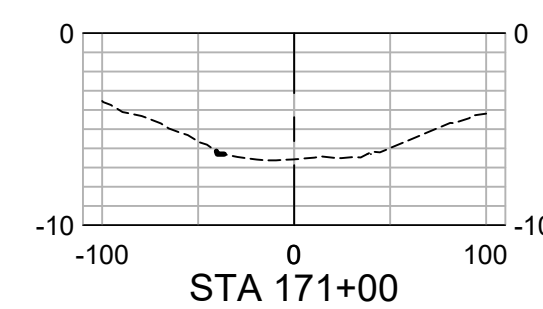
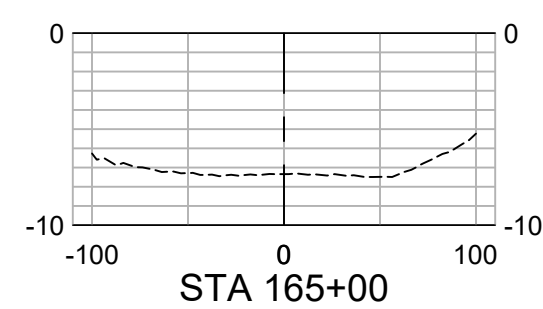
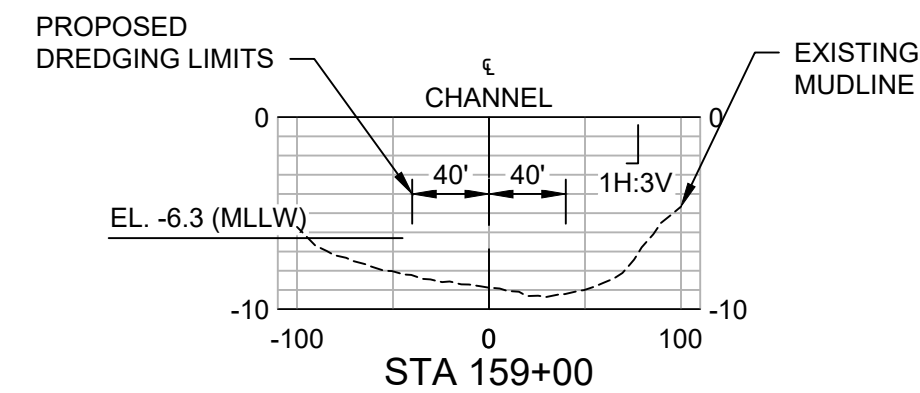
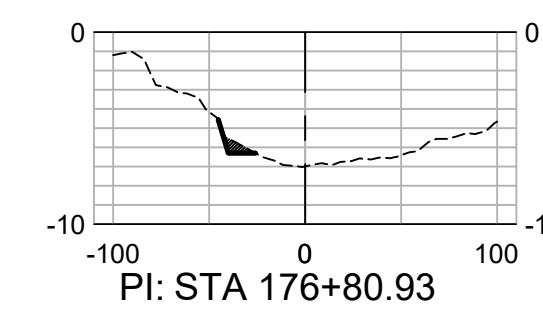
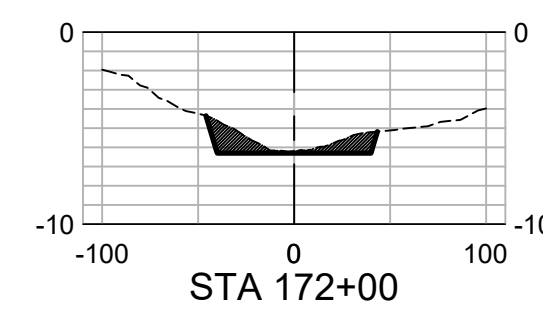
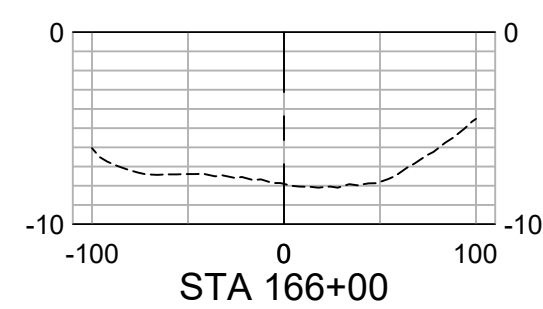
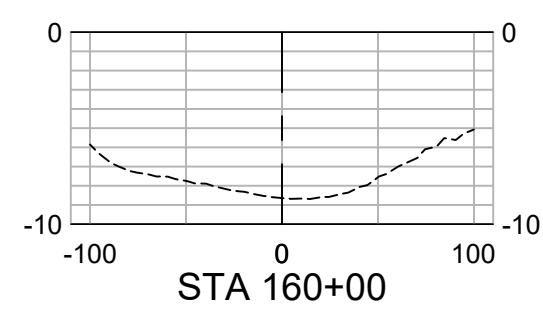
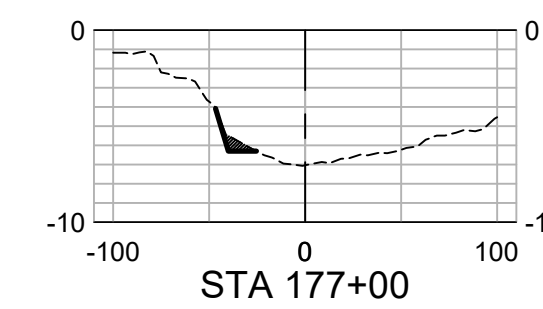
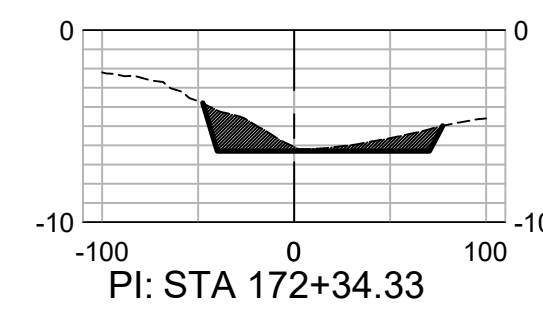
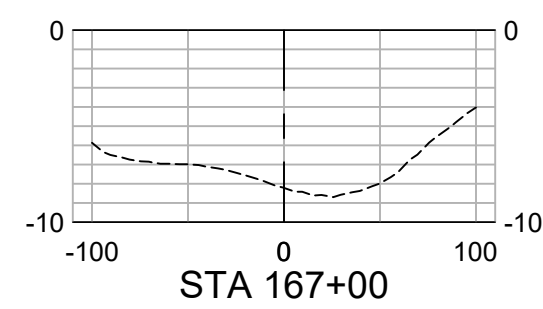
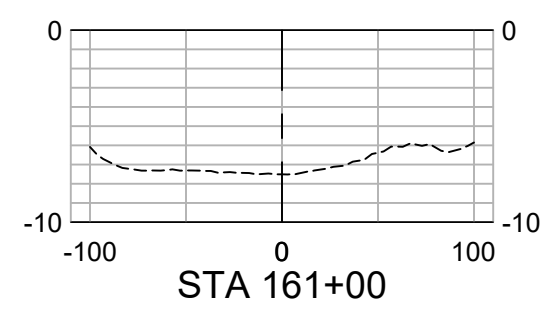
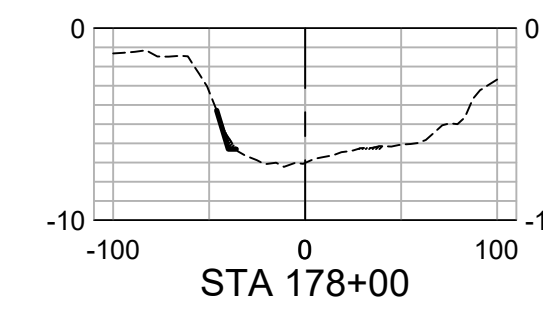
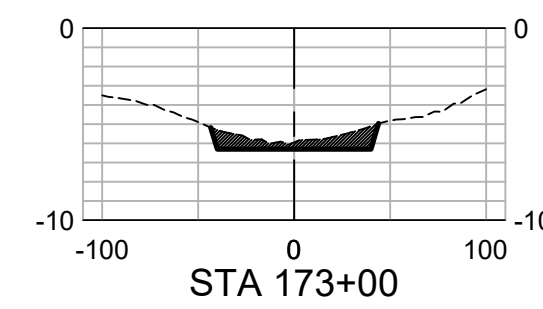
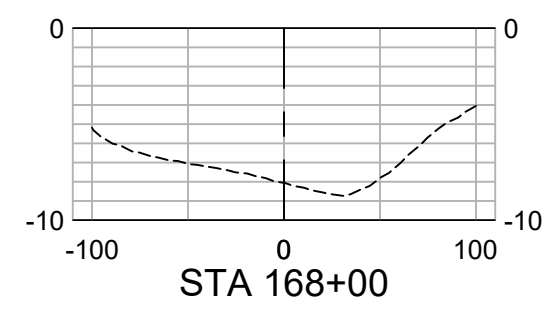
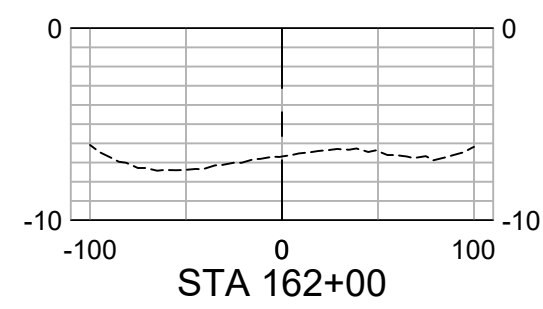
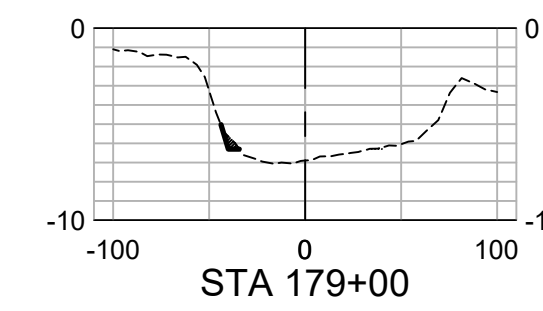
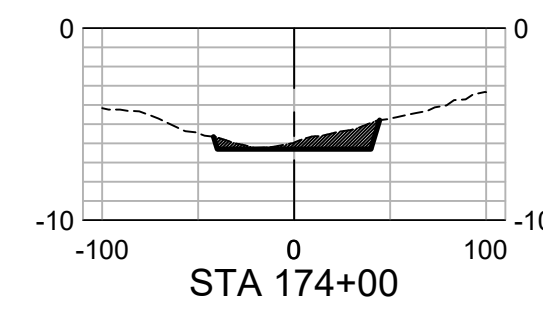
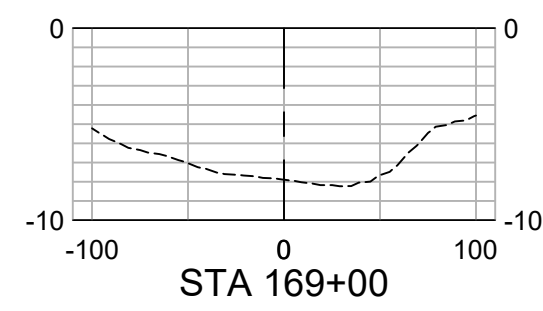
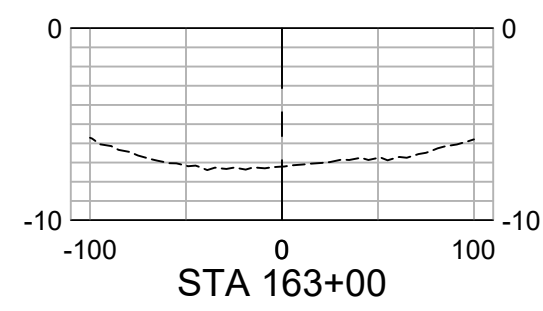
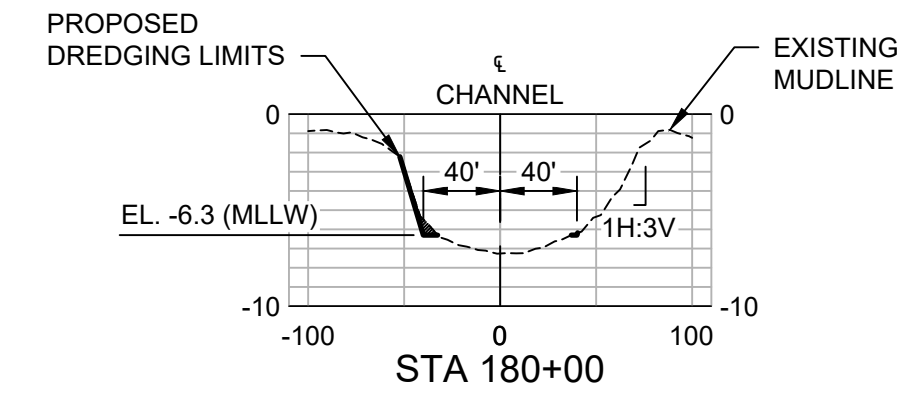
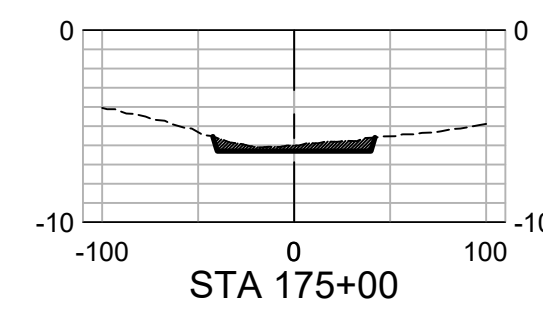
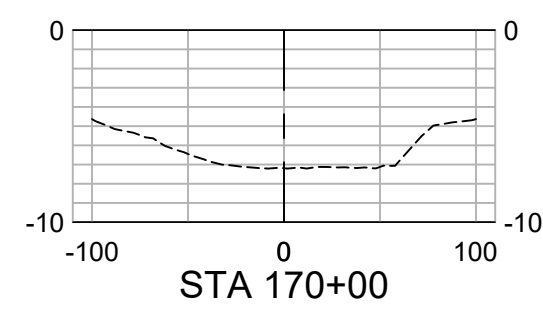
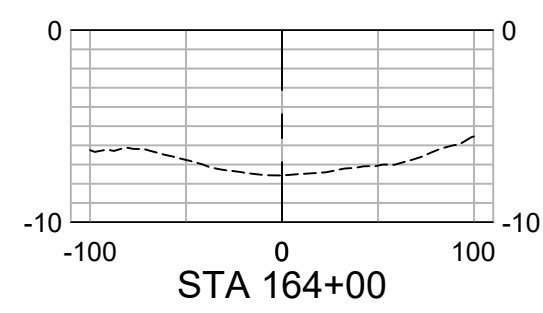
PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



CROSS SECTIONS (7 OF 11)

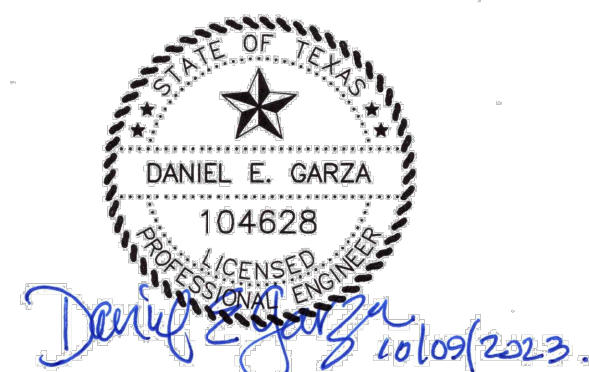
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SCALE: 1" = 100'

SHEET  
23



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899

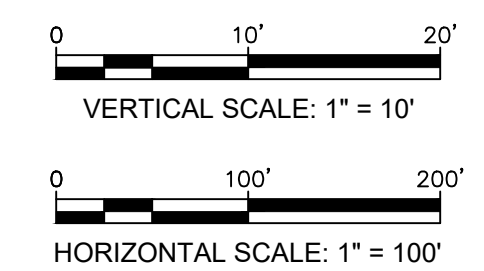
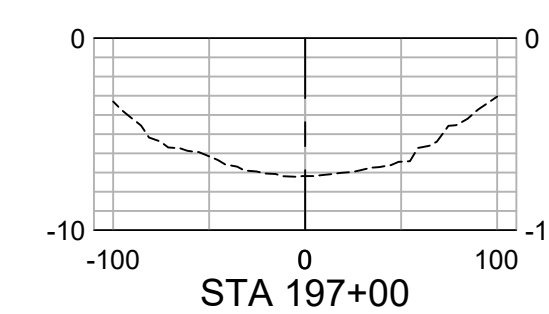
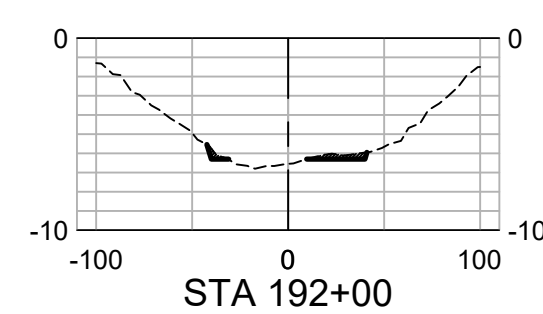
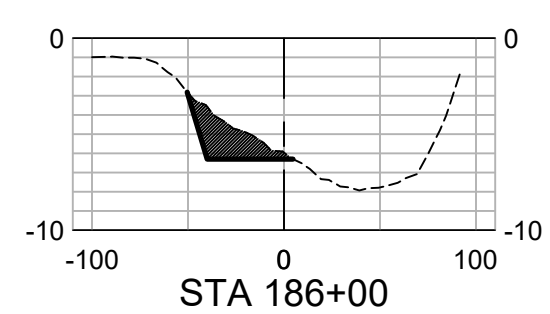
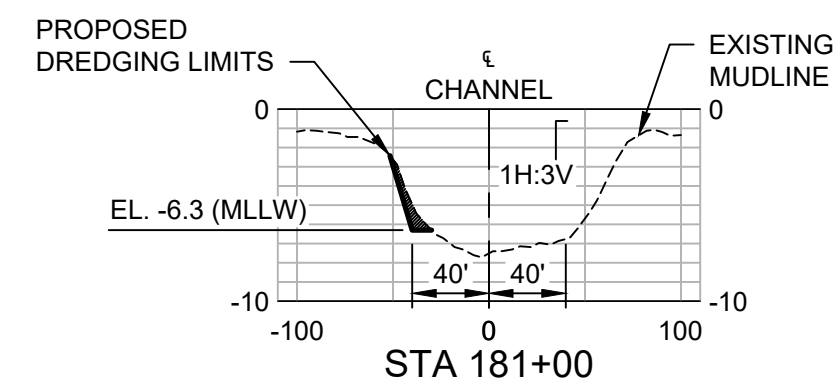
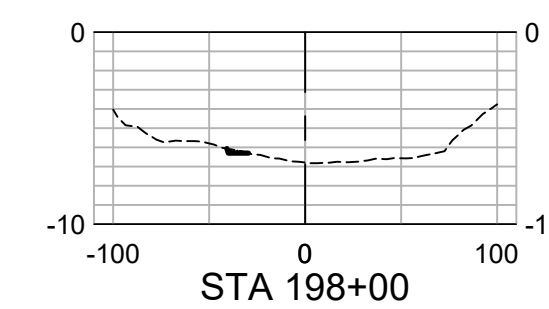
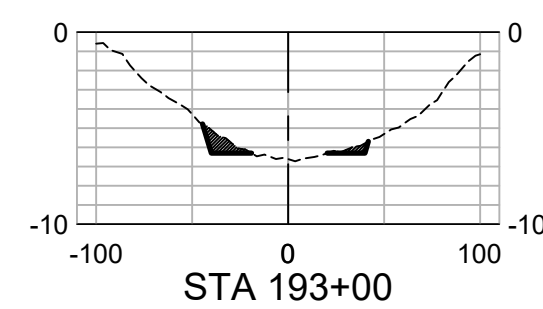
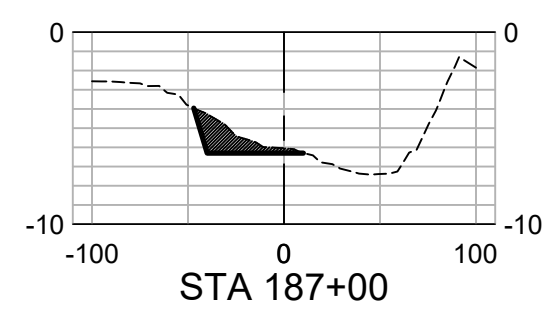
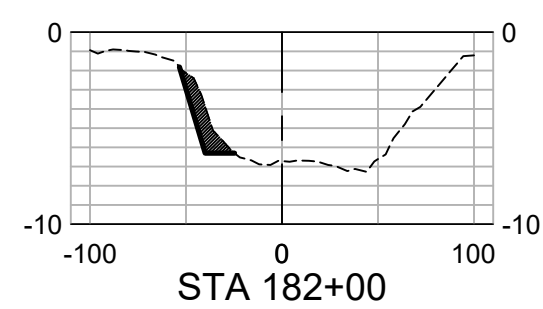
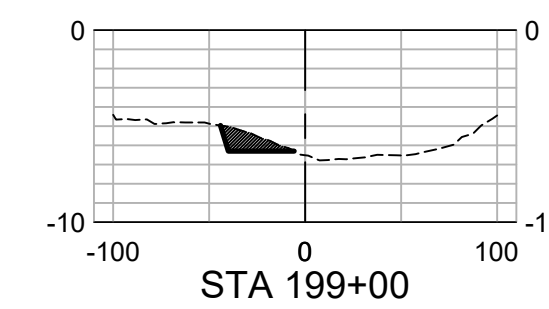
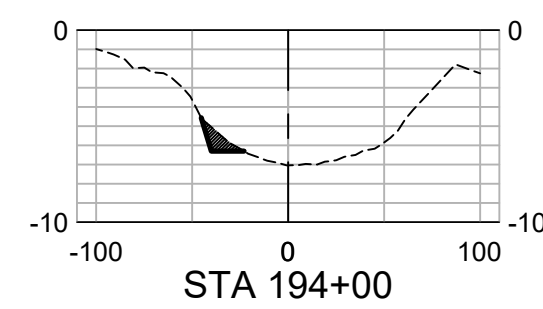
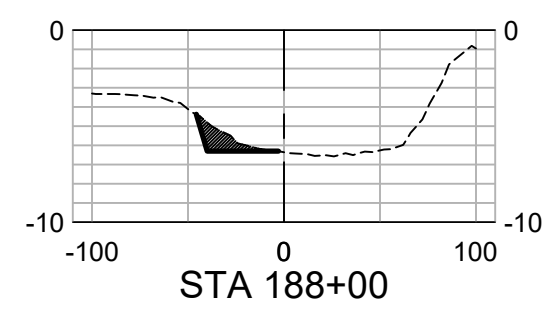
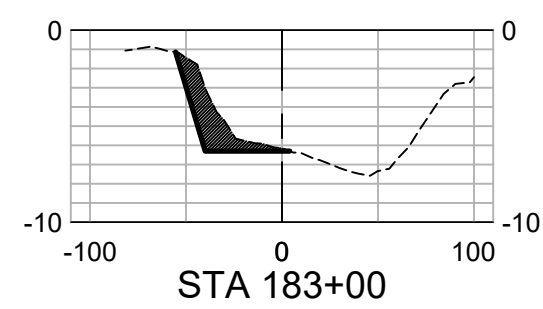
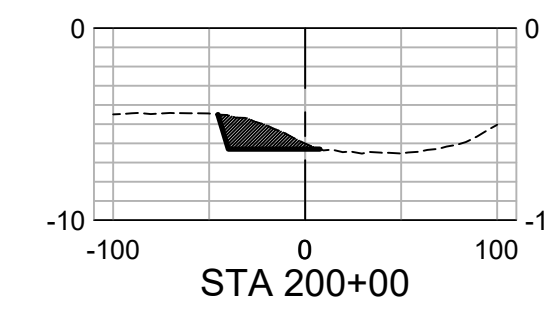
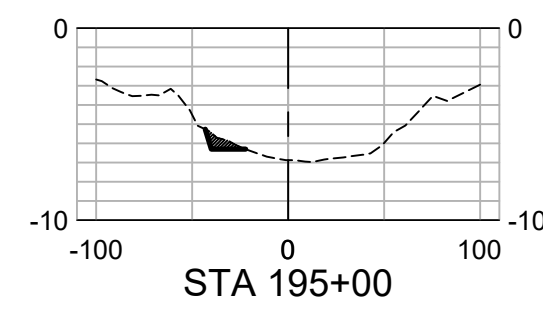
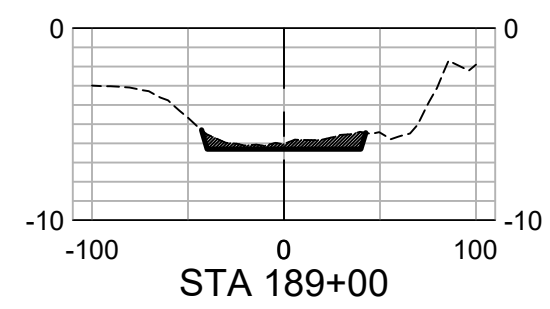
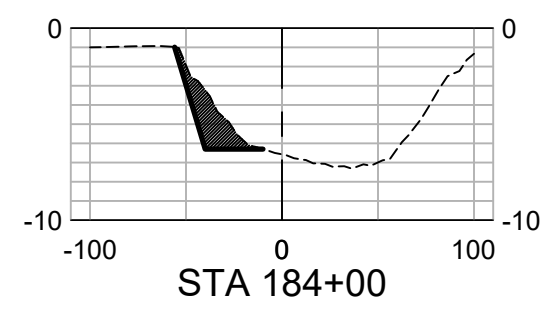
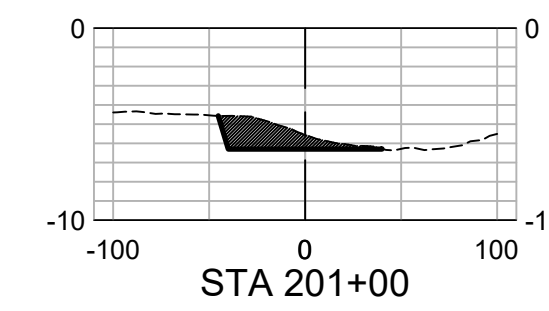
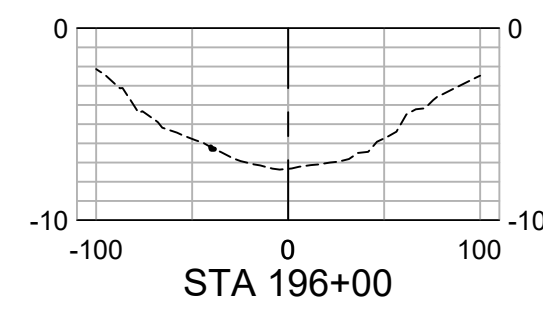
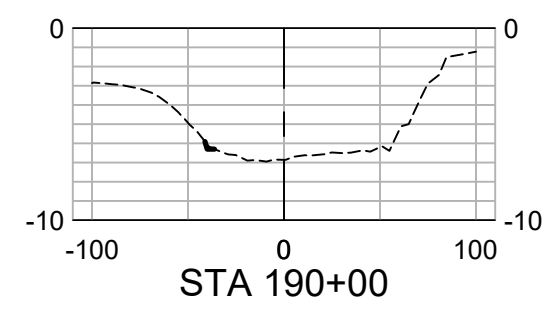
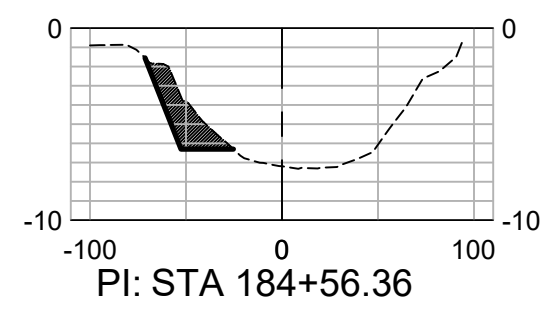
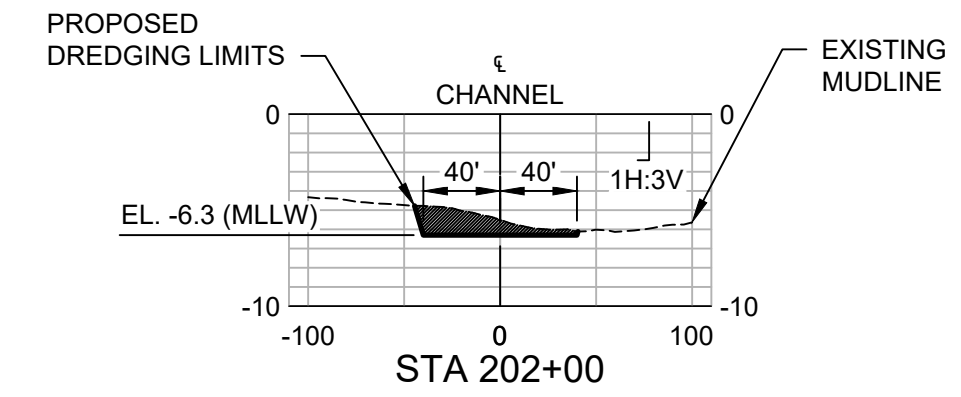
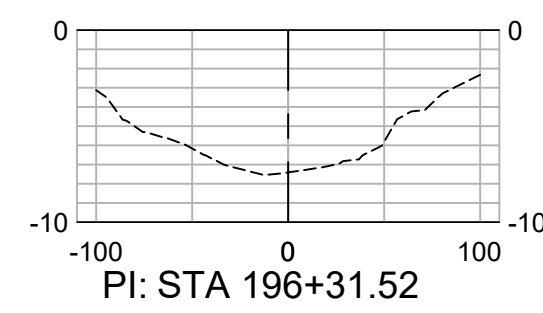
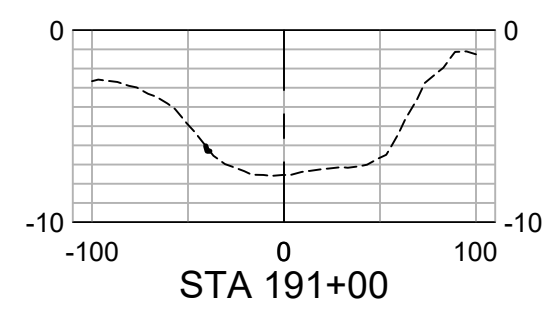
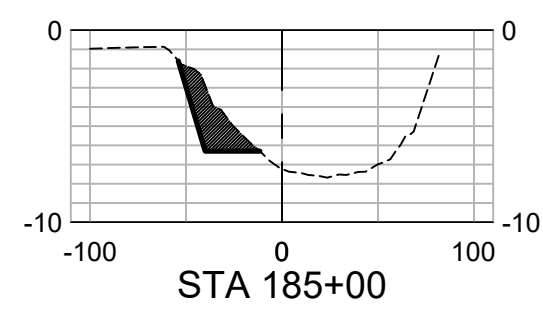


CROSS SECTIONS (8 OF 11)



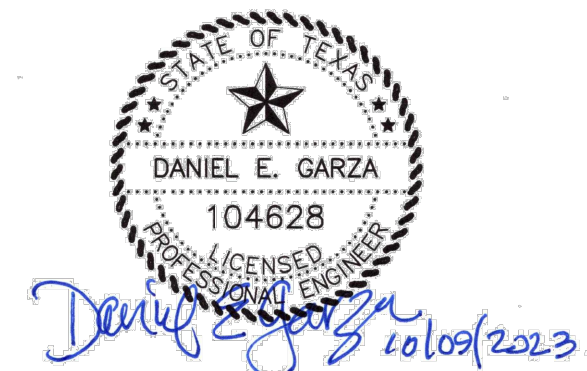
FILENAME | 00C-XS01100.dwg  
SCALE | 1" = 100'





ISSUE	DATE	DESCRIPTION
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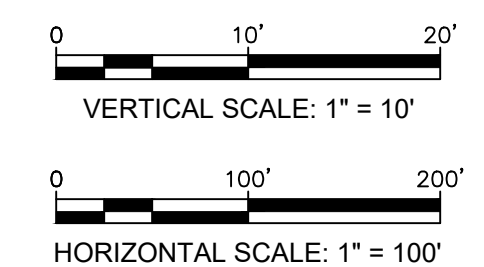
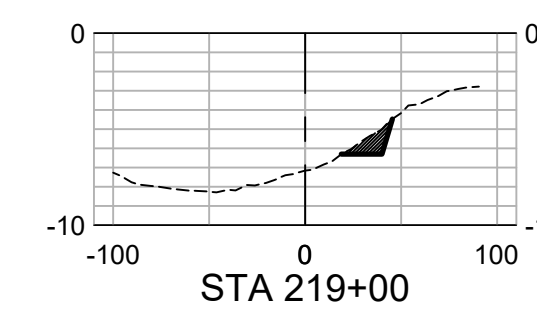
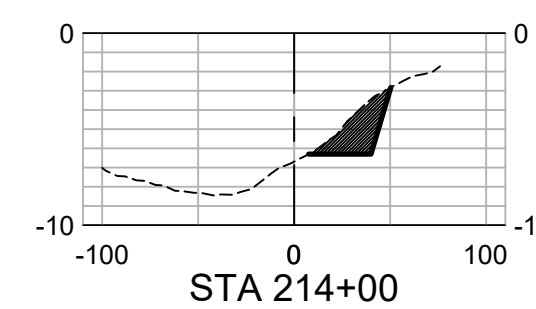
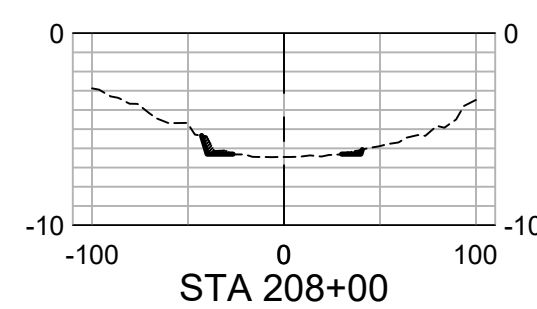
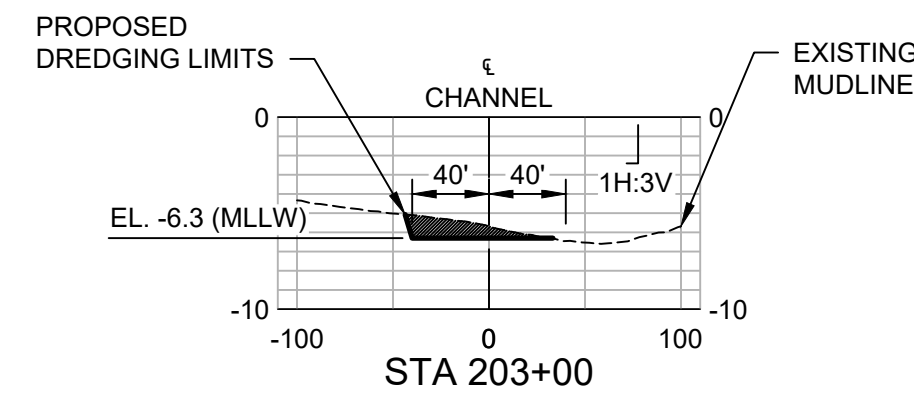
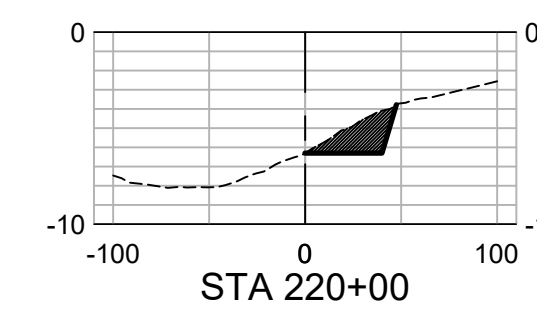
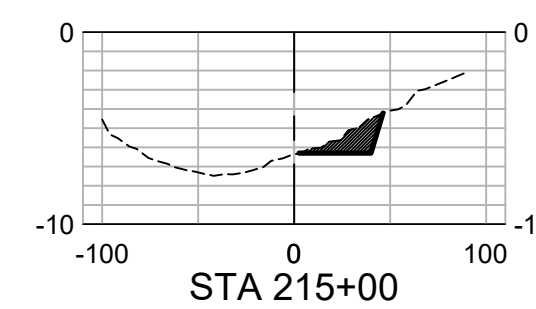
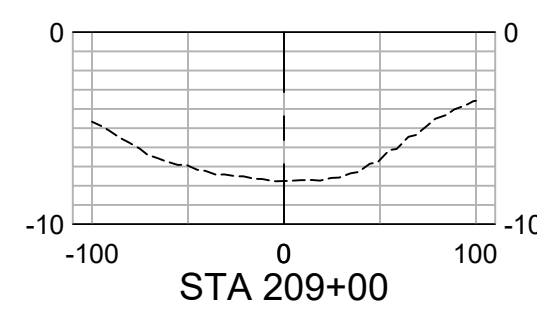
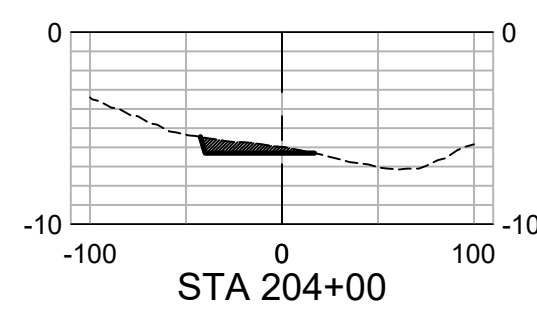
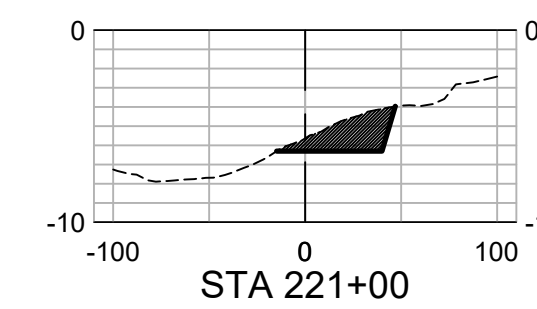
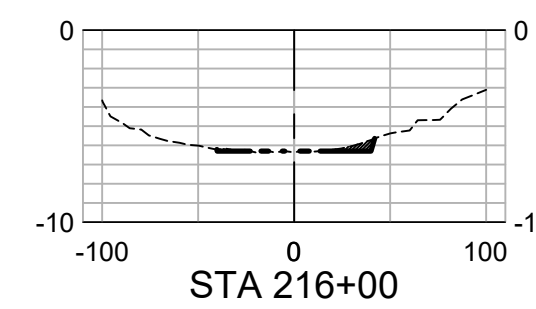
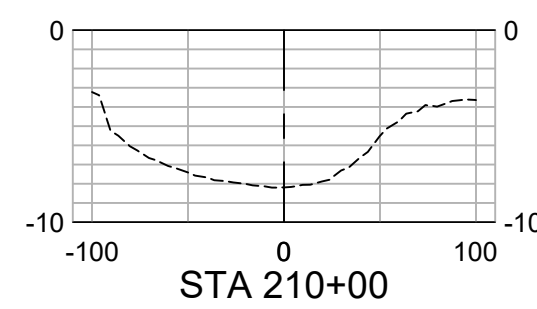
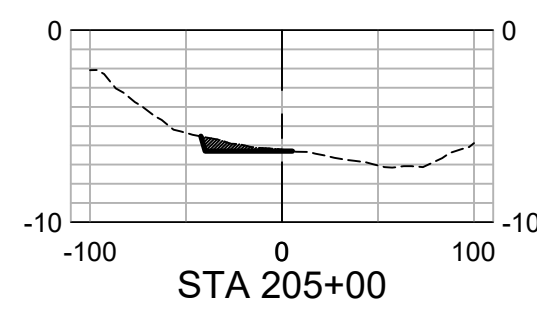
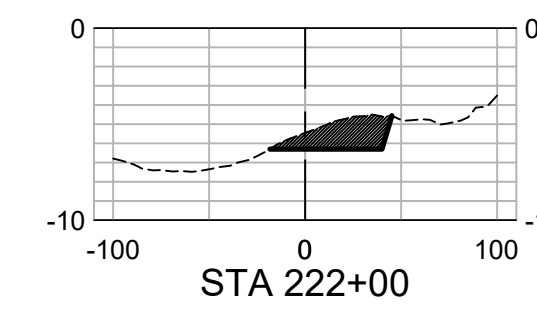
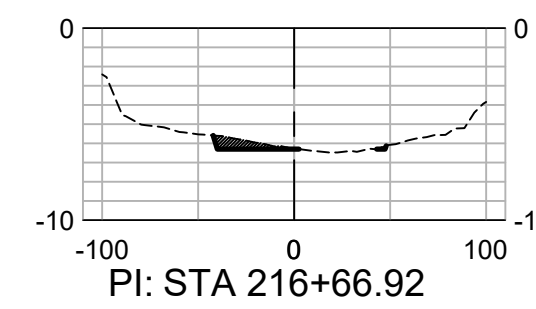
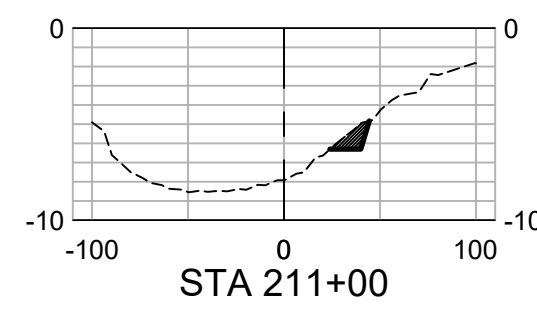
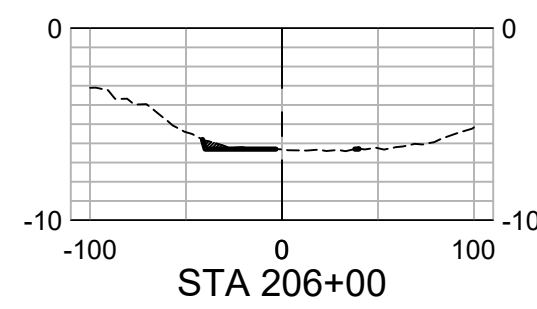
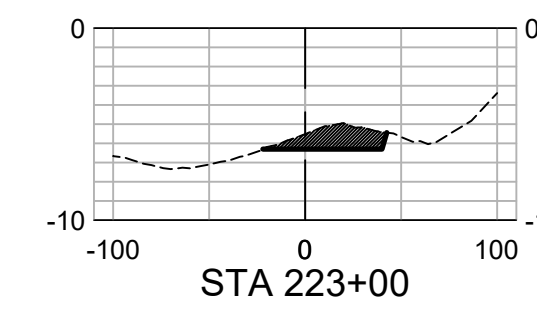
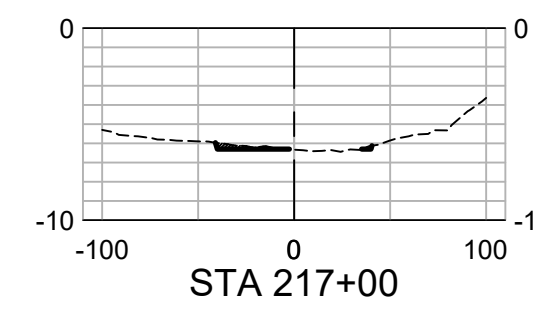
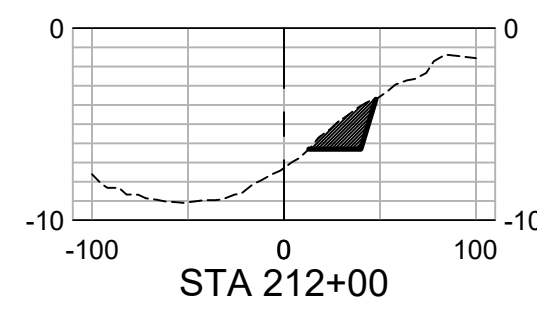
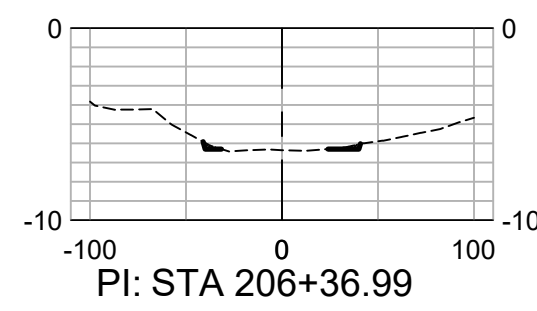
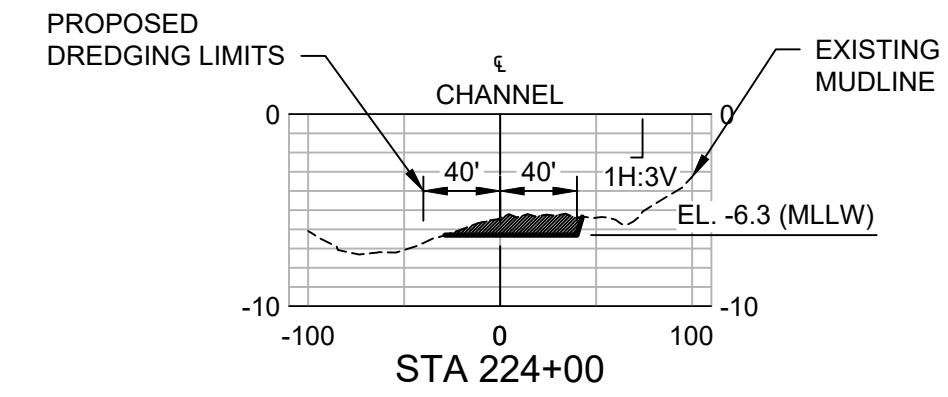
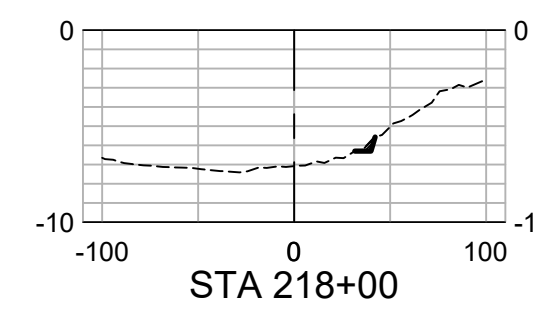
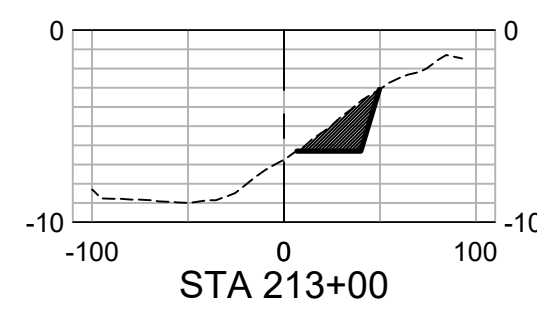
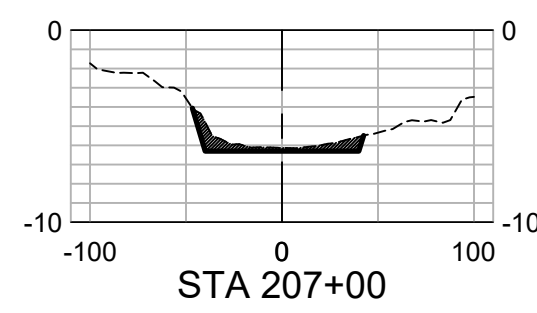
PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



CROSS SECTIONS (9 OF 11)

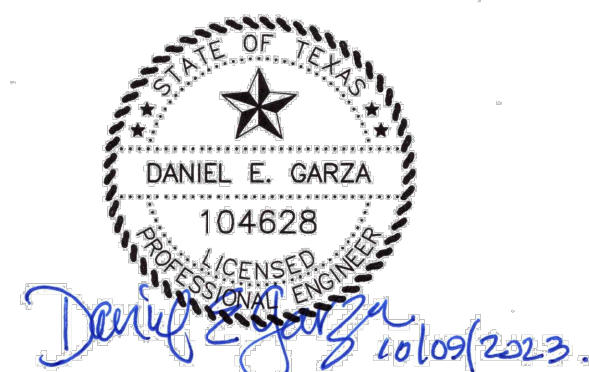
SCALE 1" = 100'

FILENAME 00C-XS01100.dwg  
SHEET 25



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
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PROJECT NUMBER	10342899

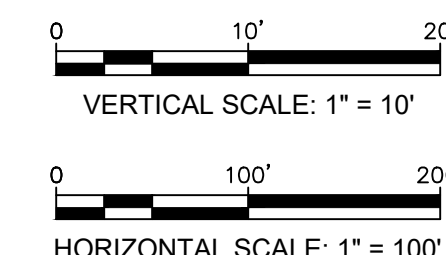
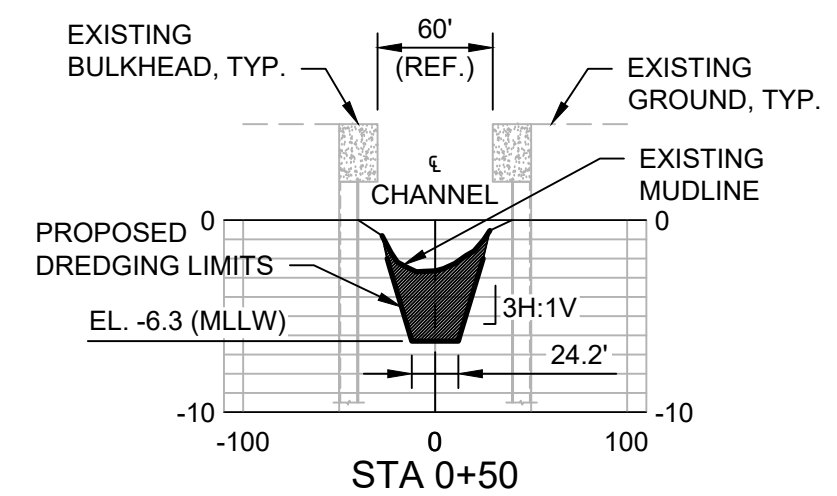
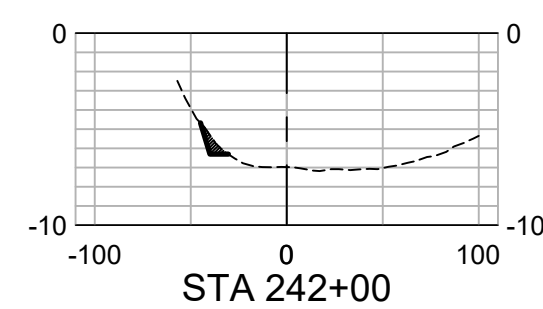
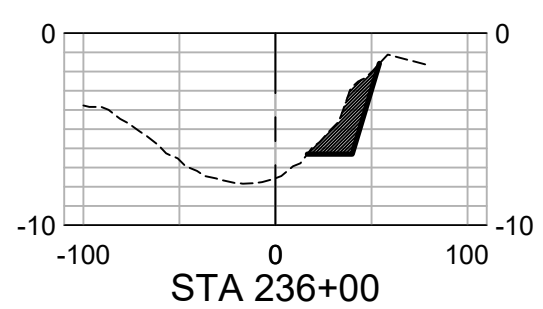
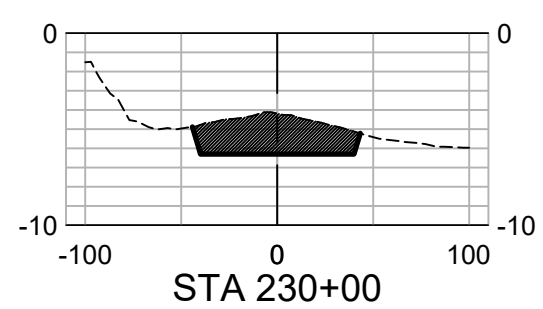
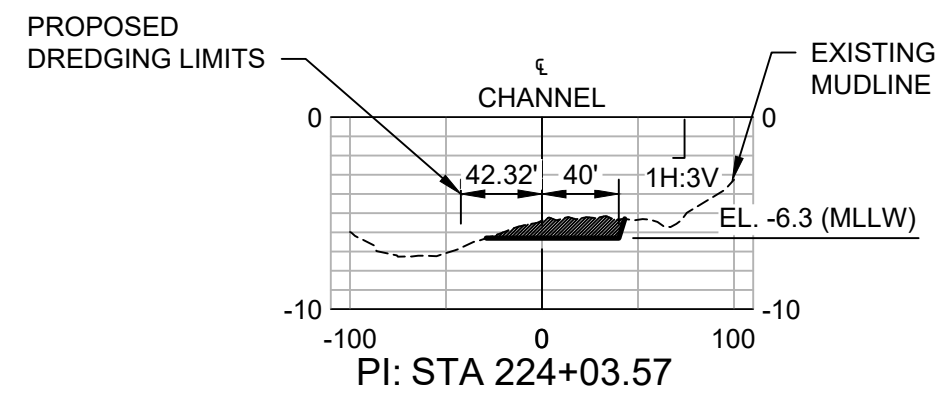
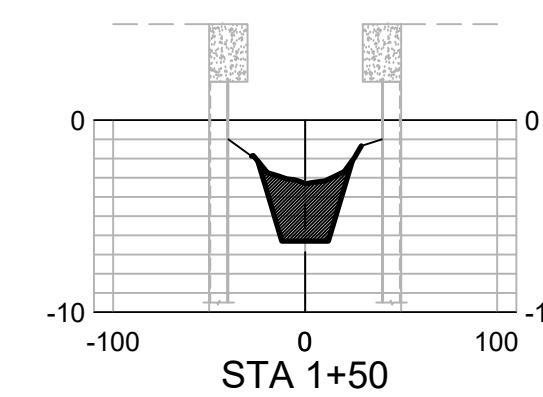
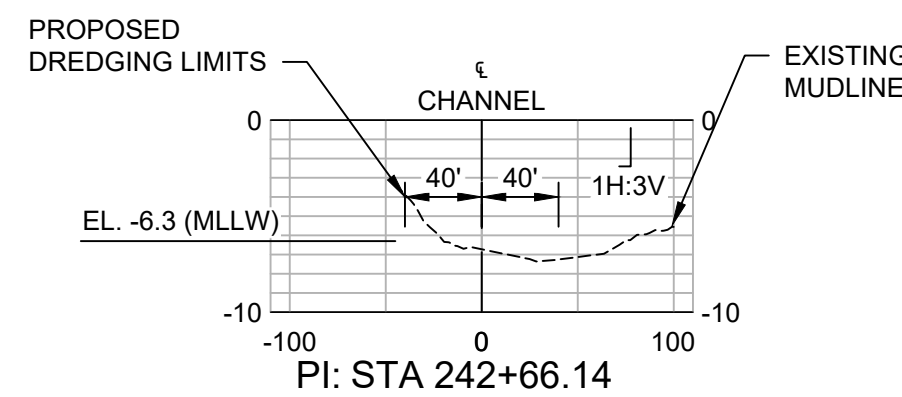
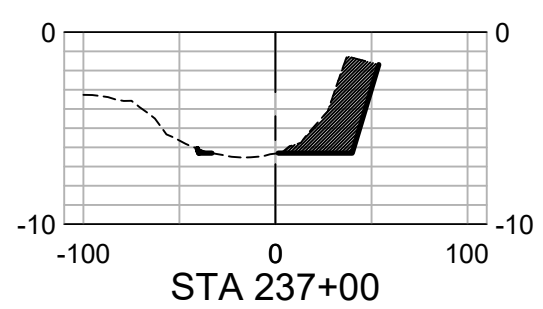
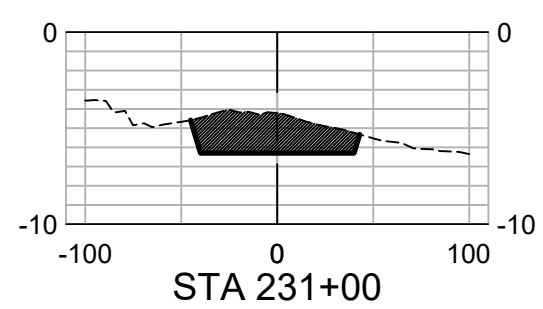
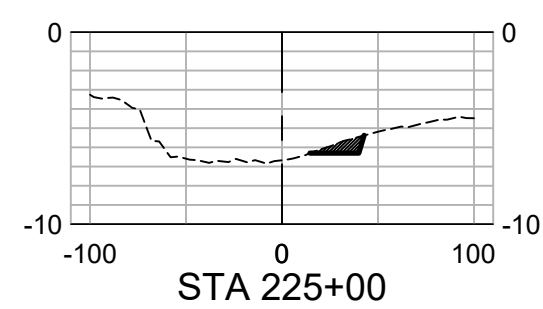
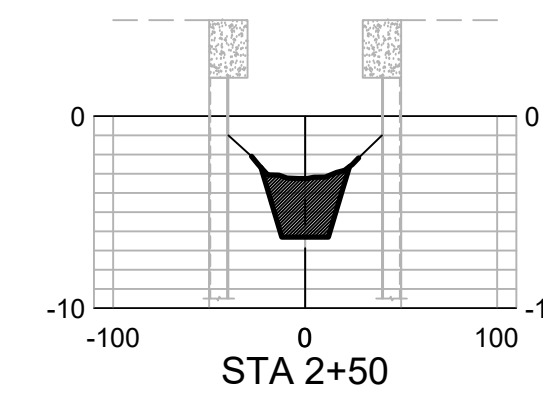
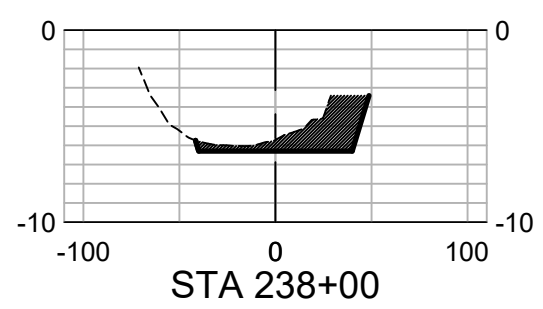
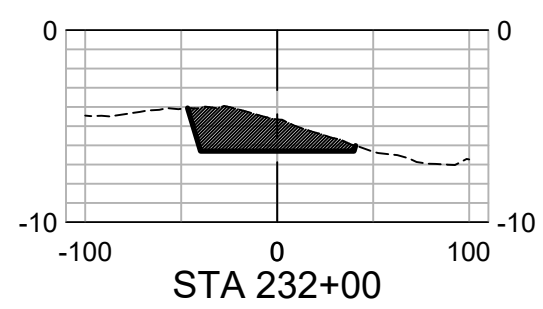
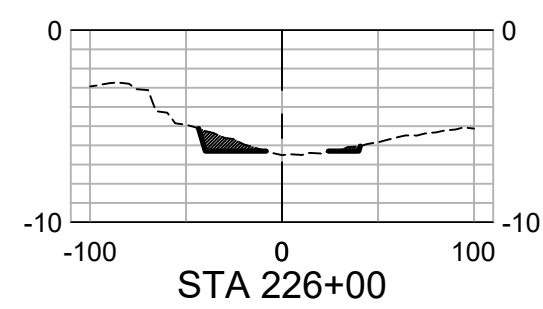
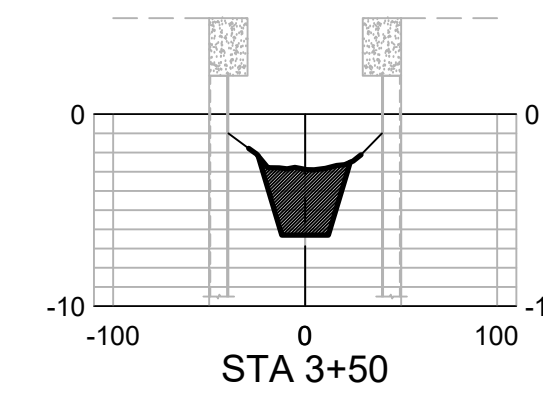
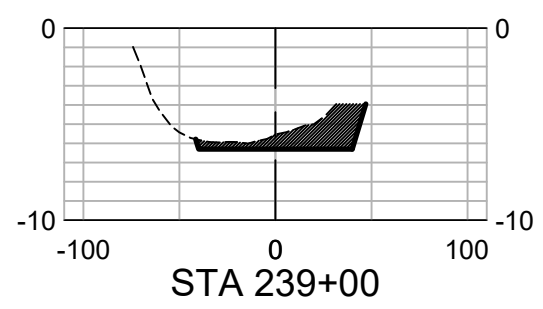
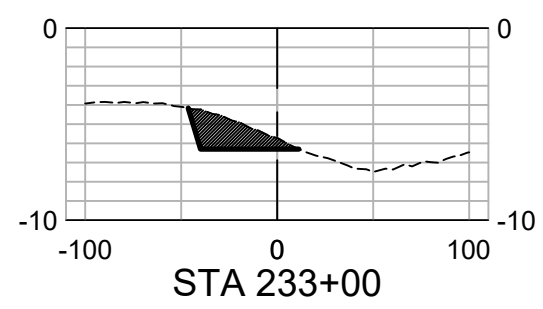
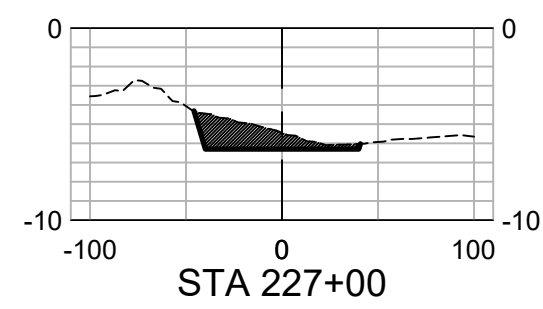
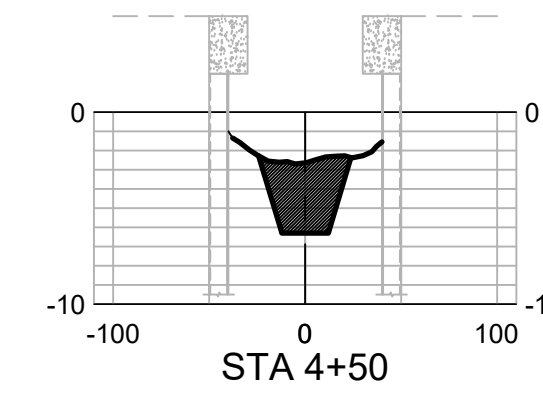
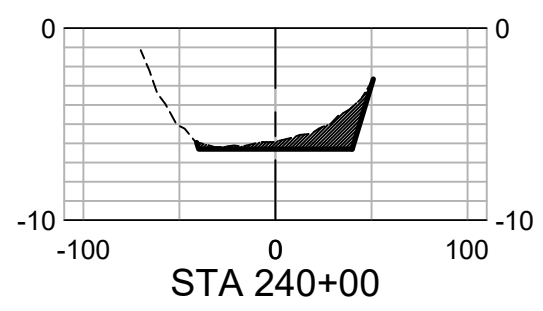
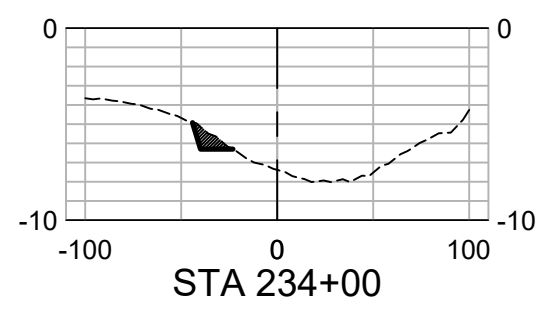
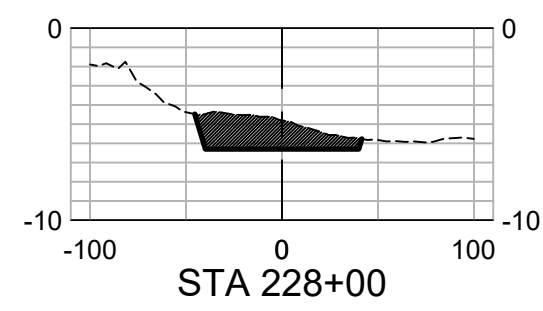
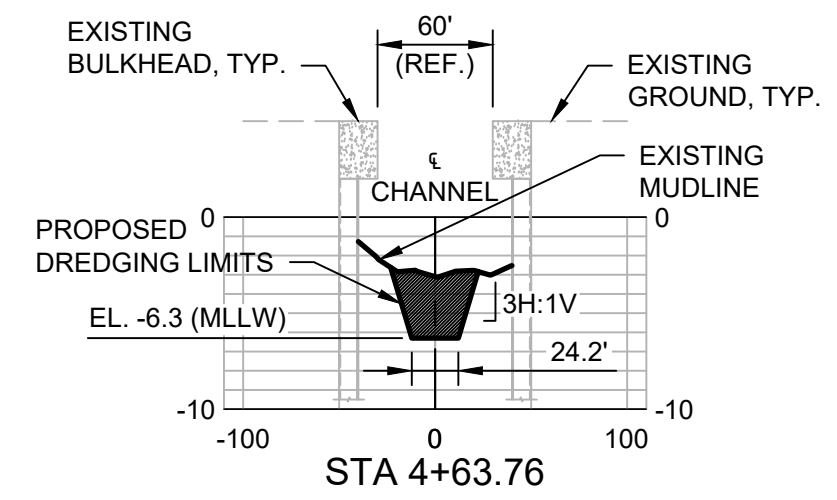
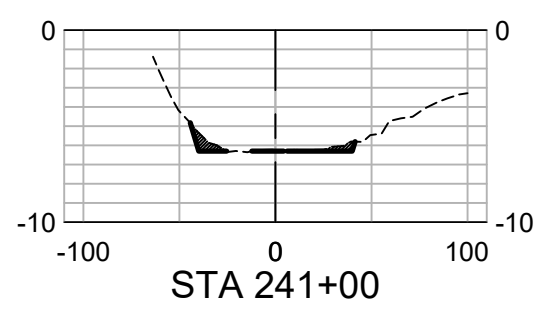
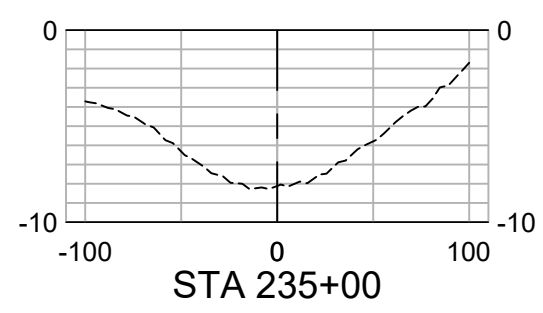
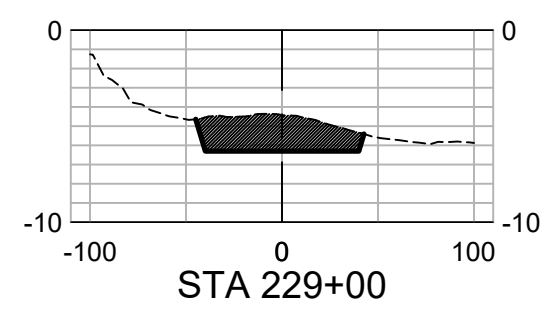


**CROSS SECTIONS (10 OF 11)**

FILENAME: 00C-XS01100.dwg  
SCALE: 1" = 100'

SHEET  
**26**





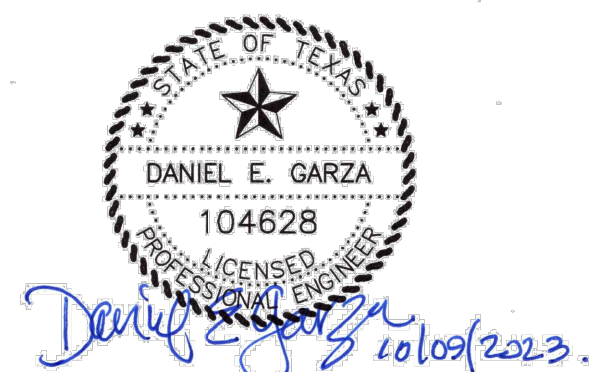
TOMPKINS CHANNEL SECTIONS

SEAHORSE HARBOR SECTIONS



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

PROJECT MANAGER	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
PROJECT NUMBER	10342899



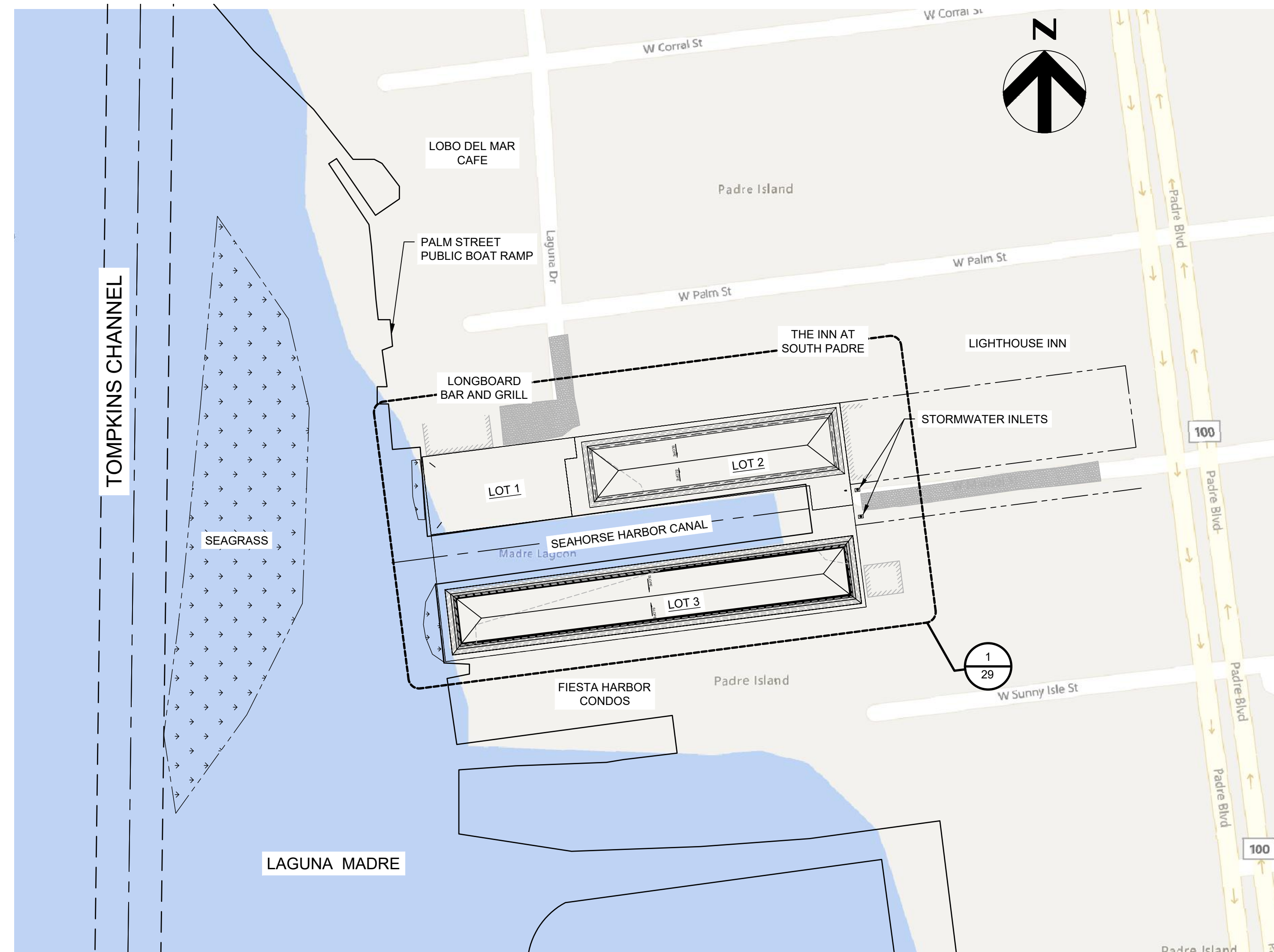
**CROSS SECTIONS (11 OF 11)**

FILENAME: 00C-XS01100.dwg  
SCALE: 1" = 100'

SHEET  
**27**

**PROJECT NOTES:**

1. A TEMPORARY CONSTRUCTION EASEMENT HAS BEEN GRANTED TO ALLOW THE USE OF THE SEA HORSE HARBOR SUBDIVISION FOR THE DURATION OF THIS PROJECT. THE CONTRACTOR SHALL USE THE SPECIFIED AREA TO UNLOAD DREDGED MATERIAL FROM BARGES AND SPREAD IT.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING CHANNEL CLEARANCES AND WATER DEPTHS TO VERIFY THAT THERE IS ADEQUATE ROOM TO ACCESS THE PLACEMENT AREAS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE STABILITY OF THE EXISTING BULKHEAD PRIOR TO PLACING ANY LOAD ON OR ADJACENT TO THE STRUCTURE. ANY MATS, SHORING OR OTHER PROTECTIVE FEATURES REQUIRED FOR THE USE OF THE SITE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
4. CONTRACTOR IS RESPONSIBLE FOR LOCATING RETAINING WALL TIEBACKS/DEADMEN. ANY DAMAGE CAUSED TO THE RETAINING WALL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE SITE SHALL BE KEPT IN A NEAT AND ORDERLY FASHION DURING THE PROSECUTION OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING THE SITE TO ITS PRE-EXISTING CONDITION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO ANY DAMAGES TO LOCAL INFRASTRUCTURE SUCH AS STREETS, MANHOLES, ETC.
7. THE CONTRACTOR SHALL SUBMIT A POLLUTION PREVENTION PLAN THAT WILL SHOW HOW THE SITE WILL BE PREPARED AND MAINTAINED SO THAT THE EXCESS DREDGED MATERIAL OR OTHER POLLUTANTS ARE PREVENTED FROM ENTERING THE LAGUNA MADRE AND ADJACENT PROPERTY.
8. THE CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING SEA GRASS BEDS THAT ARE OUTSIDE OF THE LIMITS OF THE CHANNEL. THE CONTRACTOR IS RESPONSIBLE FOR THE MITIGATION OF ANY SHORT-TERM OR LONG-TERM IMPACTS TO SEAGRASSES AT NO ADDITIONAL EXPENSE TO THE OWNER.



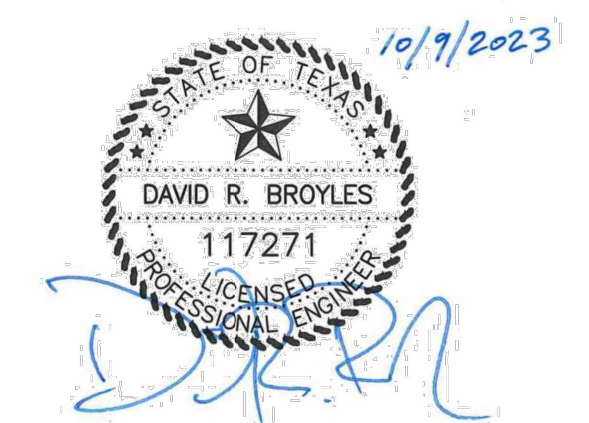
**TEMPORARY PLACEMENT AREA PLAN AND NOTES**  
 1  
 1" = 100'

**LEGEND:**  
 SEAGRASS



ISSUE	DATE	DESCRIPTION
0	10/09/2023	ISSUED FOR BIDS

<b>PROJECT MANAGER</b>	DANIEL E. GARZA
DESIGNED BY	D. GARZA
DRAWN BY	A.VILLARREAL
CHECKED BY	D. BROYLES
<b>PROJECT NUMBER</b>	10342899



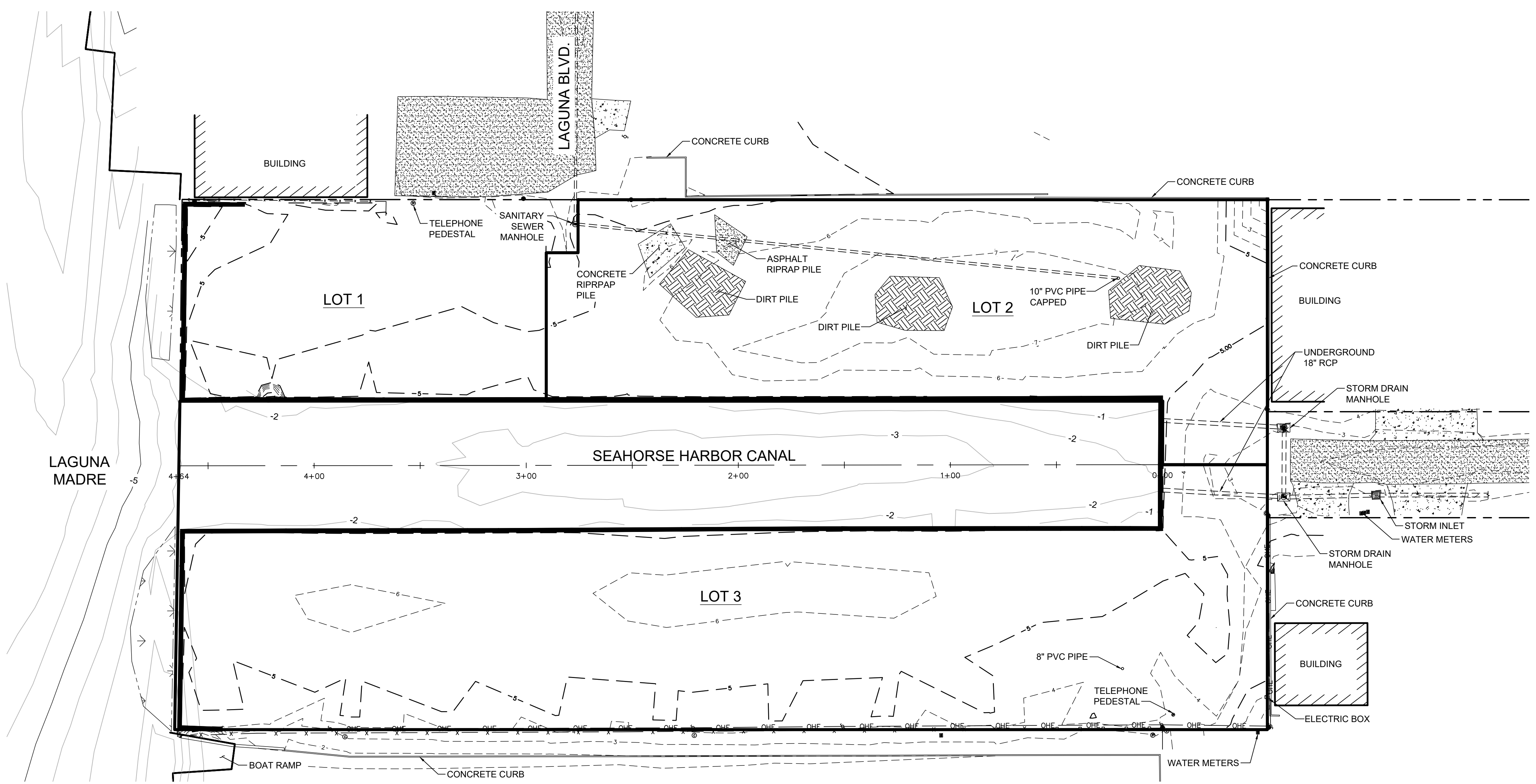
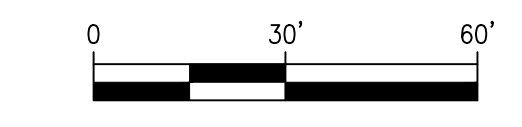
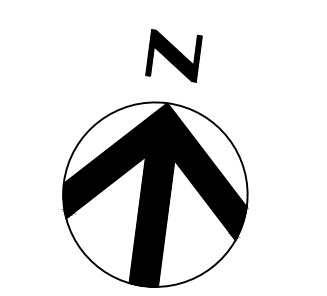
**TEMPORARY PLACEMENT AREA PLAN AND NOTES**

0 1" 2"

FILENAME | 01C-01.dwg  
 SCALE | 1" = 100'

SHEET  
**28**





**OWNERSHIP OF LOTS:**  
 LOT 1: UNKNOWN OWNER  
 LOT 2: CITY OF SOUTH PADRE ISLAND  
 LOT 3: DEL MAR SPI, LLC

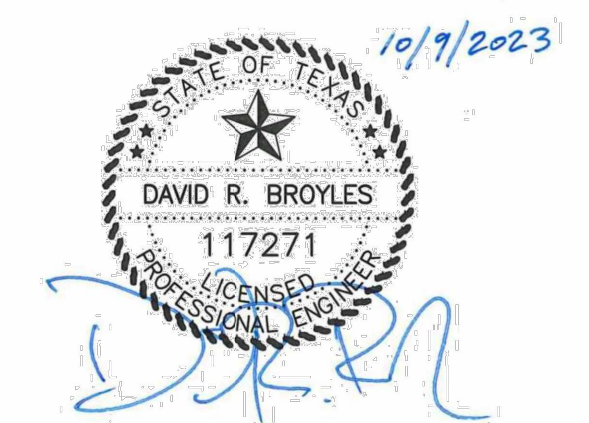
- LEGEND:**
- ### SPOT ELEVATION
  - (C) CABLE PEDESTAL
  - (TP) TELEPHONE PEDESTAL
  - (U) UTILITY POLL
  - (L) LIGHT POLE
  - (E) ELECTRIC BOX
  - (WM) WATER METER
  - (SM) STORM MANHOLE
  - (SSM) SANITARY SEWER MANHOLE
  - (●) FOUND IRON ROD
  - (SI) STORM INLET
  - O—E—O—E—O—E— OVERHEAD ELECTRIC LINE
  - — — — — PROPERTY LINE
  - - - - - STORM WATER
  - [Stippled] ASPHALT
  - [Dotted] CONCRETE
  - [Hatched] BUILDING
  - [Cross-hatched] DIRT
  - [Dashed with arrows] SEAGRASS

**EXISTING CONDITIONS PLAN**  
 SCALE: 1" = 30'



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<b>PROJECT MANAGER</b>	DANIEL E. GARZA
<b>DESIGNED BY</b>	D. GARZA
<b>DRAWN BY</b>	A.VILLARREAL
<b>CHECKED BY</b>	D. BROYLES
<b>PROJECT NUMBER</b>	10342899

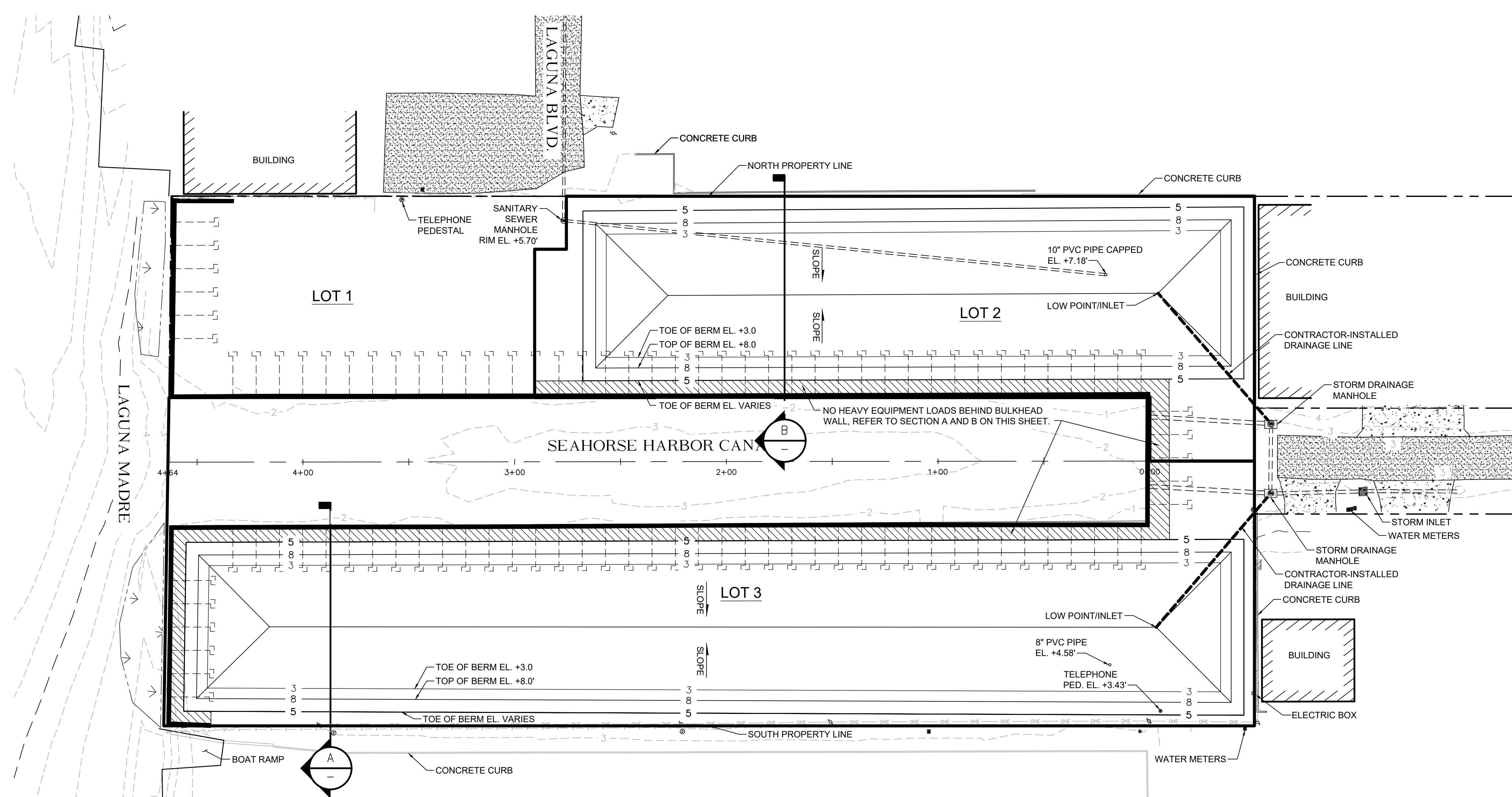
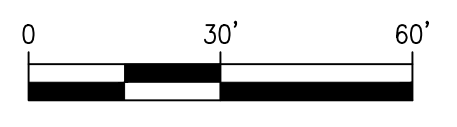
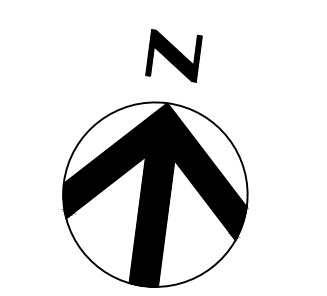


**TEMPORARY PLACEMENT AREA EXISTING CONDITIONS PLAN**

FILENAME | 01C-02  
 SCALE | 1" = 30'

SHEET | 29





**OWNERSHIP OF LOTS:**

LOT 1 - UNKNOWN OWNER  
 LOT 2 - CITY OF SOUTH PADRE ISLAND  
 LOT 3 - DEL MAR SPI, LLC

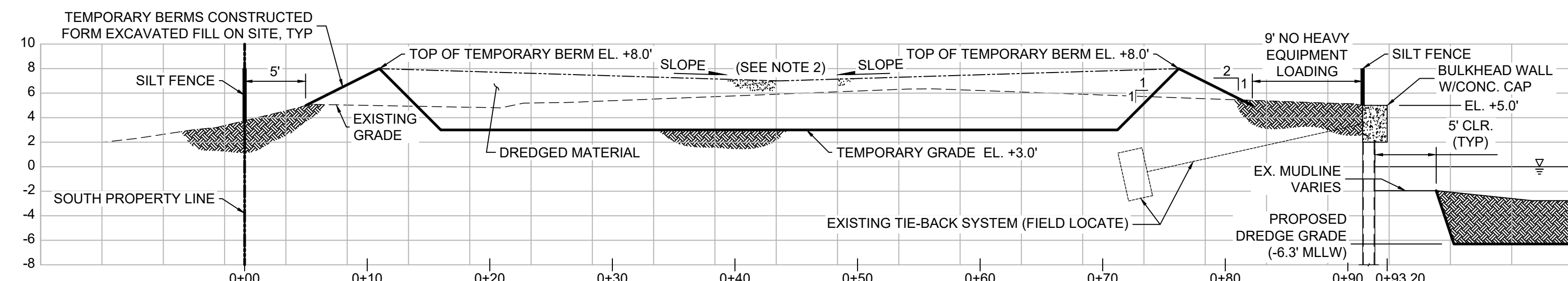
**LEGEND:**

- CABLE PEDESTAL
- TELEPHONE PEDESTAL
- UTILITY POLL
- LIGHT POLE
- ELECTRIC BOX
- WATER METER
- STORM MANHOLE
- SANITARY SEWER MANHOLE
- FOUND IRON ROD
- STORM INLET
- OVERHEAD ELECTRIC LINE
- PROPERTY LINE
- STORM WATER
- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING BUILDING
- SEAGRASS
- NO HEAVY EQUIPMENT LOADING

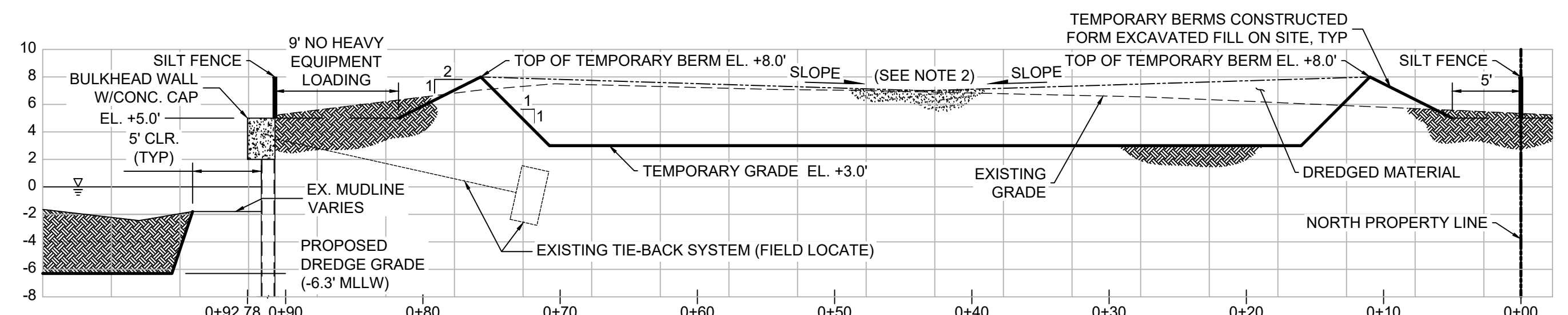
**NOTE:**

1. PROTECT EXISTING UTILITIES, INCLUDING PIPES, PEDESTALS, AND MANHOLES DURING DREDGING OPERATIONS.
2. SLOPE TO UNIFORM GRADE AND ALLOW FOR WATER DRAINAGE.

**PROPOSED PLAN -  
 TEMPORARY PLACEMENT AREAS**  
 SCALE: 1" = 30'



**SECTION A**  
 SCALE: 1-1/2" = 1'-0"

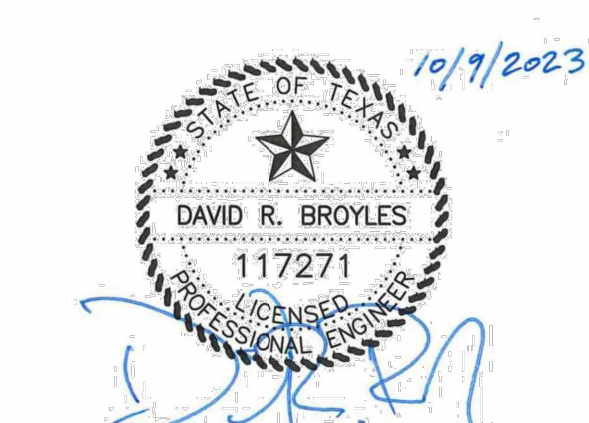


**SECTION B**  
 SCALE: 1-1/2" = 1'-0"



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PROJECT NUMBER	10342899



**TEMPORARY PLACEMENT AREA  
 PLAN AND SECTIONS**

FILENAME | 01C-03  
 SCALE | 1" = 30'

SHEET | 30