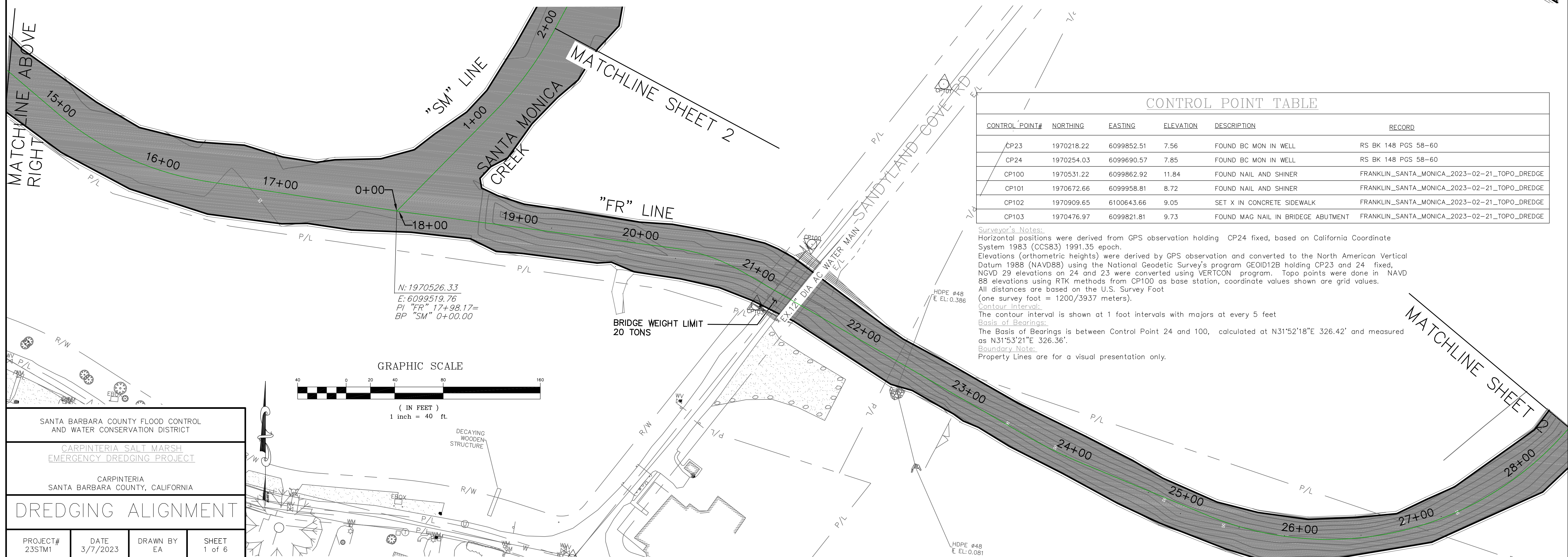


MATCHLINE BELOW LEFT



| CONTROL POINT TABLE |            |            |           |                                   |  |
|---------------------|------------|------------|-----------|-----------------------------------|--|
| CONTROL POINT#      | NORTHING   | EASTING    | ELEVATION | DESCRIPTION                       | RECORD                                       |
| CP23                | 1970218.22 | 6099852.51 | 7.56      | FOUND BC MON IN WELL              | RS BK 148 PGS 58-60                          |
| CP24                | 1970254.03 | 6099690.57 | 7.85      | FOUND BC MON IN WELL              | RS BK 148 PGS 58-60                          |
| CP100               | 1970531.22 | 6099862.92 | 11.84     | FOUND NAIL AND SHINER             | FRANKLIN_SANTA_MONICA_2023-02-21_TOPO_DREDGE |
| CP101               | 1970672.66 | 6099958.81 | 8.72      | FOUND NAIL AND SHINER             | FRANKLIN_SANTA_MONICA_2023-02-21_TOPO_DREDGE |
| CP102               | 1970909.65 | 6100643.66 | 9.05      | SET X IN CONCRETE SIDEWALK        | FRANKLIN_SANTA_MONICA_2023-02-21_TOPO_DREDGE |
| CP103               | 1970476.97 | 6099821.81 | 9.73      | FOUND MAG NAIL IN BRIDGE ABUTMENT | FRANKLIN_SANTA_MONICA_2023-02-21_TOPO_DREDGE |

Surveyor's Notes:  
Horizontal positions were derived from GPS observation holding CP24 fixed, based on California Coordinate System 1983 (CCS83) 1991.35 epoch.  
Elevations (orthometric heights) were derived by GPS observation and converted to the North American Vertical Datum 1988 (NAVD88) using the National Geodetic Survey's program GEOD12B holding CP23 and 24 fixed, NGVD 29 elevations on 24 and 23 were converted using VERTCON program. Topo points were done in NAVD 88 elevations using RTK methods from CP100 as base station, coordinate values shown are grid values.  
All distances are based on the U.S. Survey Foot (one survey foot = 1200/3937 meters).  
Contour Interval:  
The contour interval is shown at 1 foot intervals with majors at every 5 feet  
Basis of Bearings:  
The Basis of Bearings is between Control Point 24 and 100, calculated at N31°52'18"E 326.42' and measured as N31°53'21"E 326.36'.  
Boundary Note:  
Property Lines are for a visual presentation only.

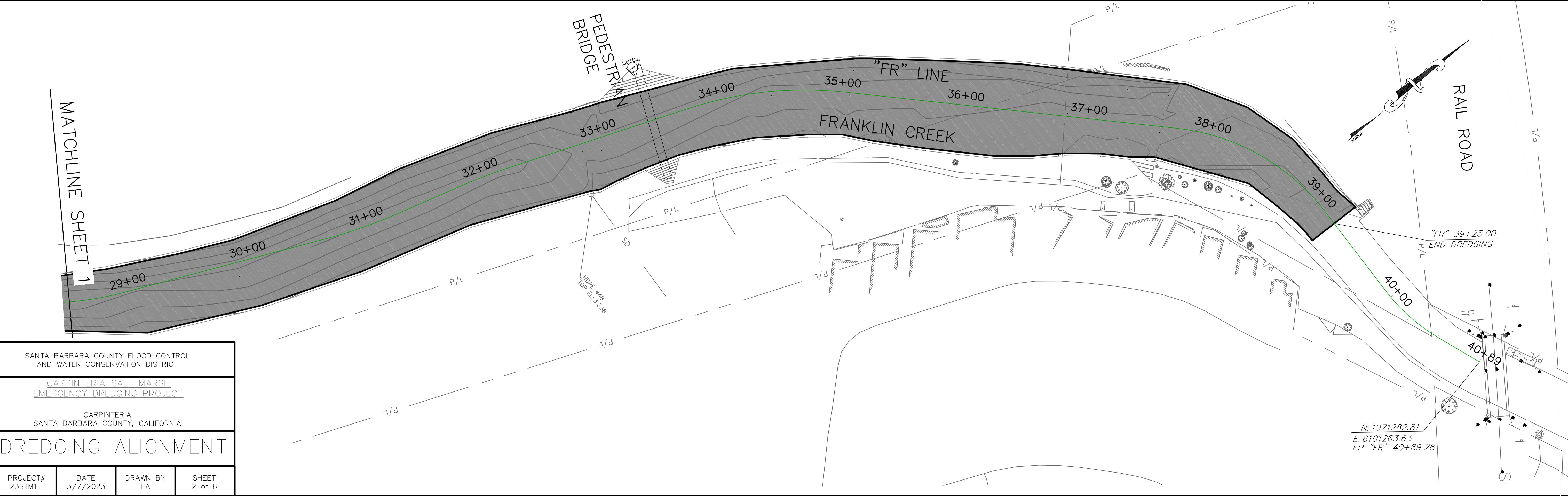
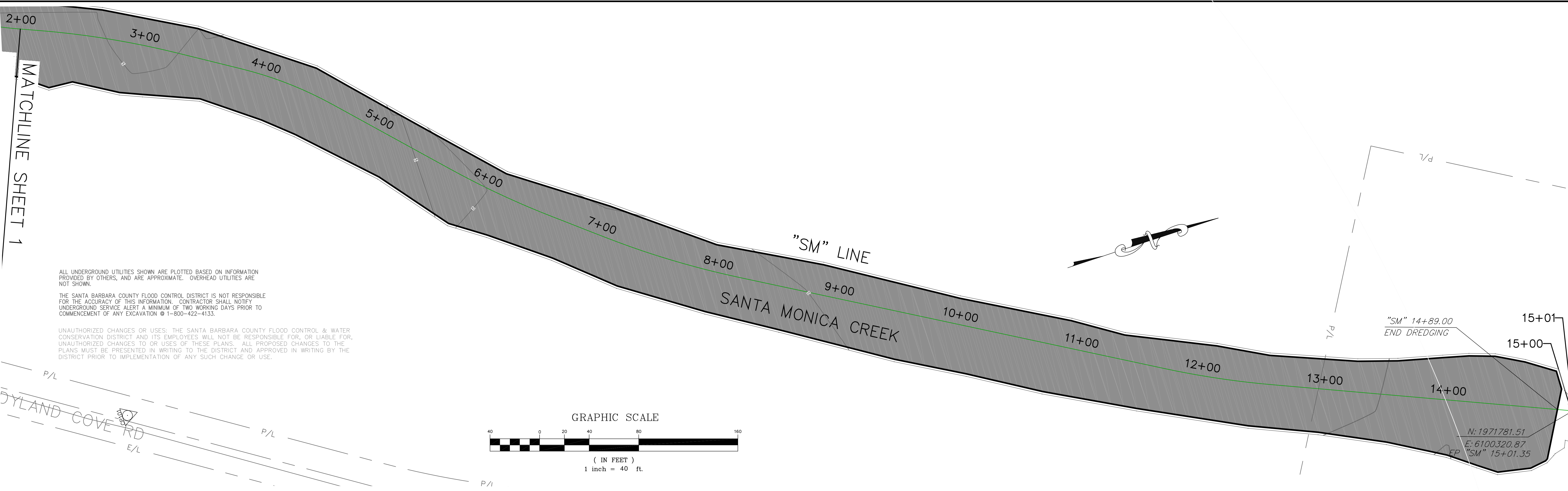
SANTA BARBARA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

CARPINTERIA SALT MARSH EMERGENCY DREDGING PROJECT

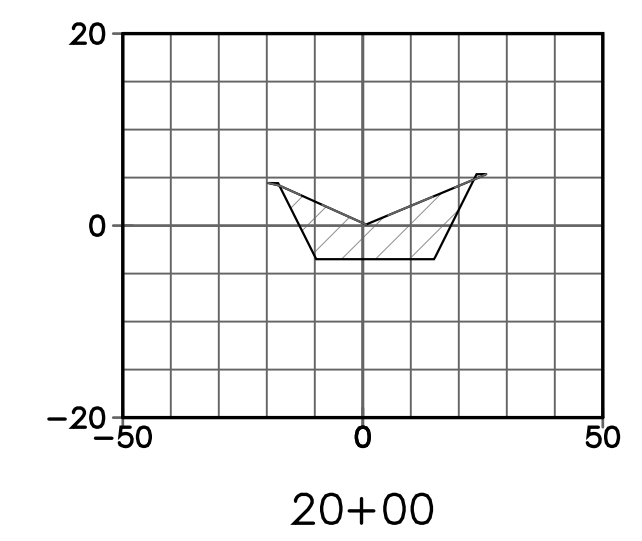
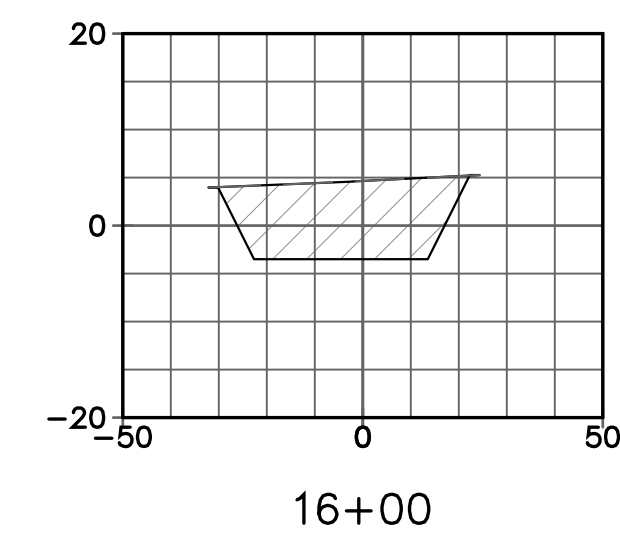
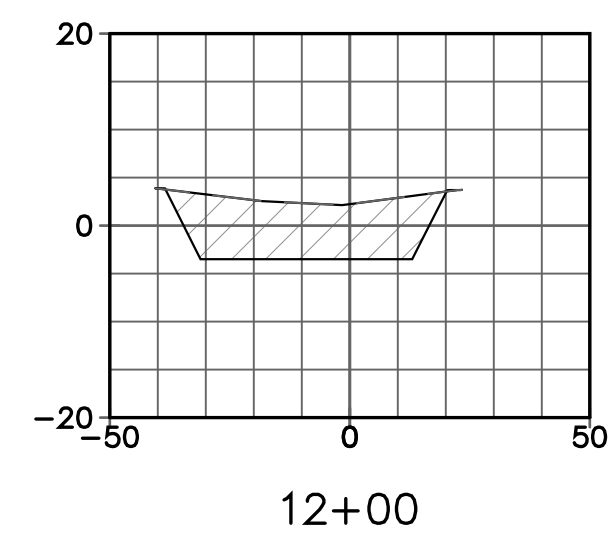
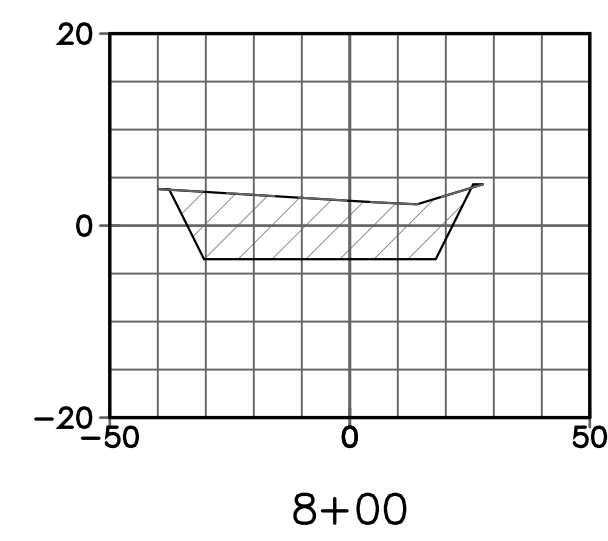
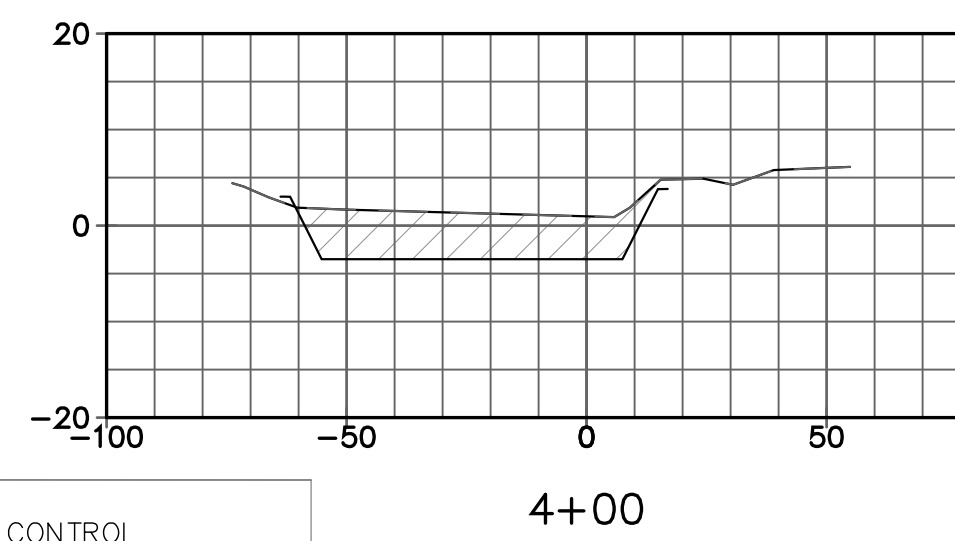
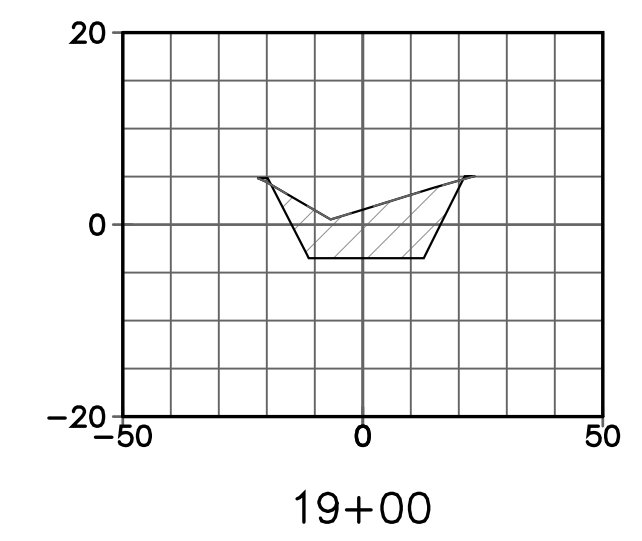
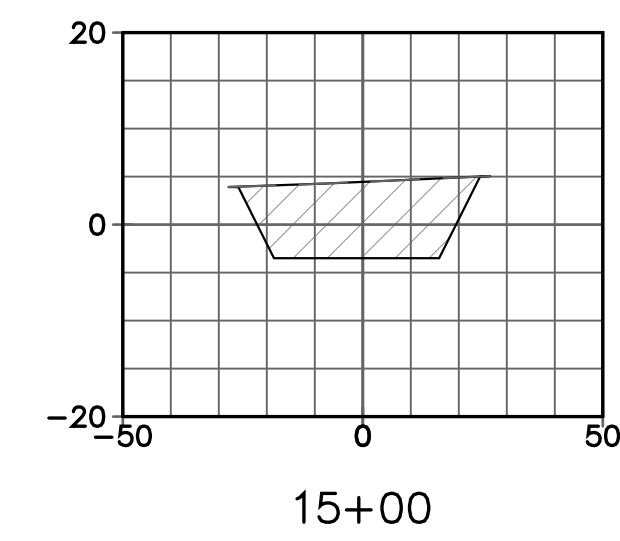
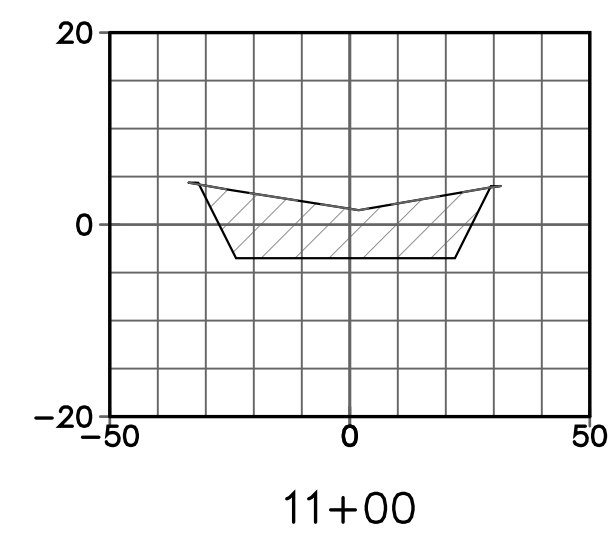
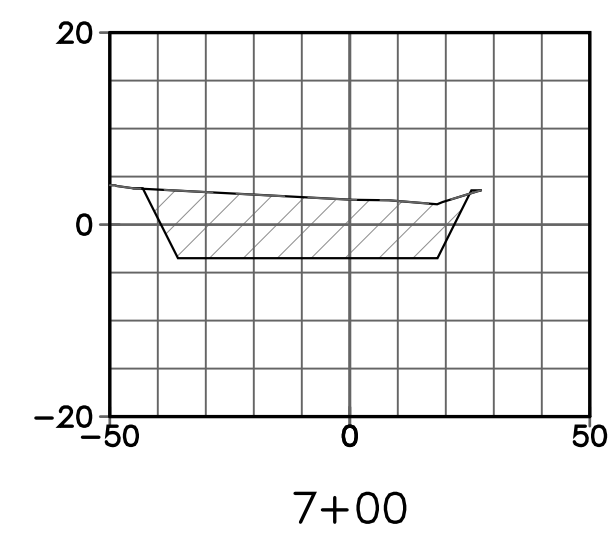
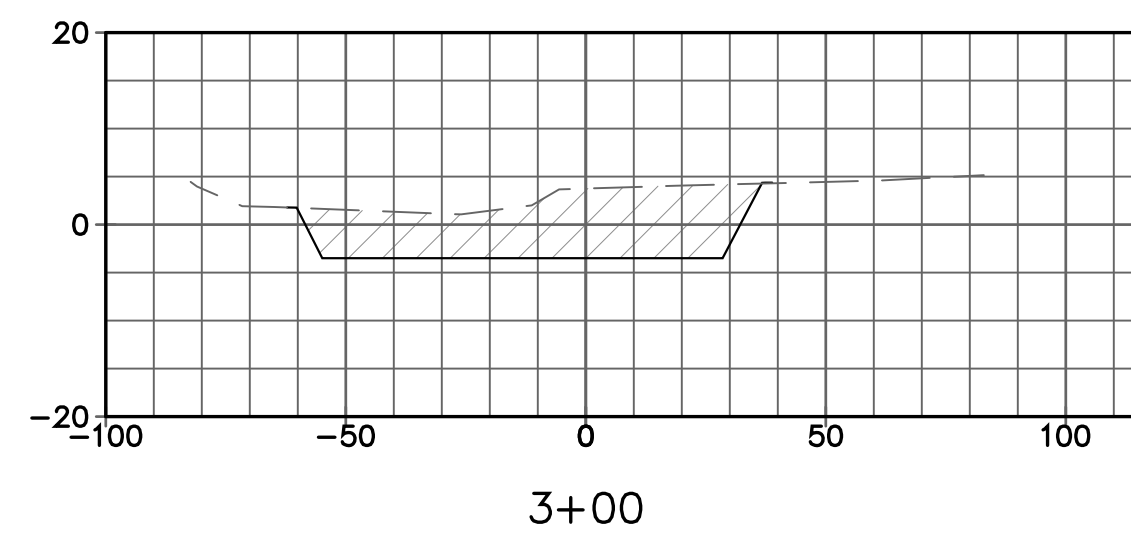
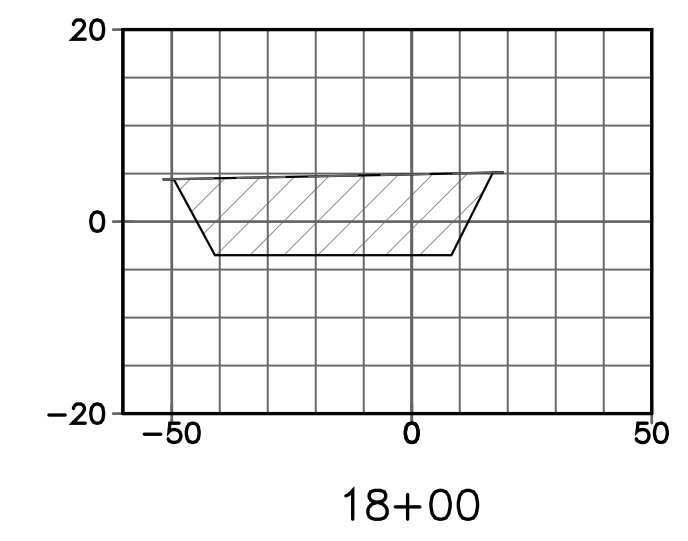
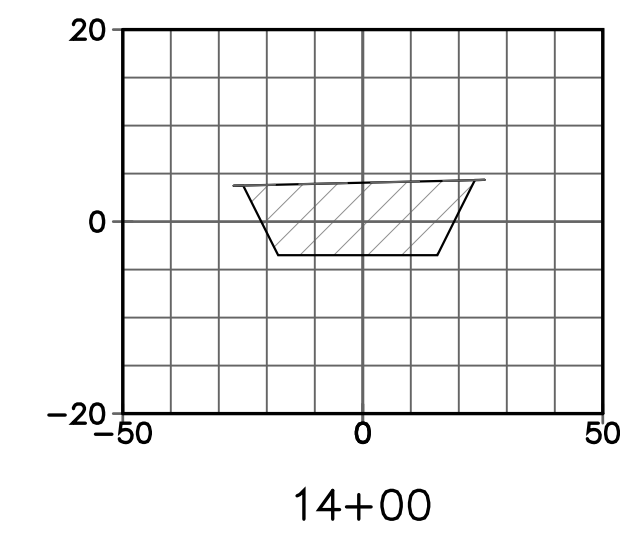
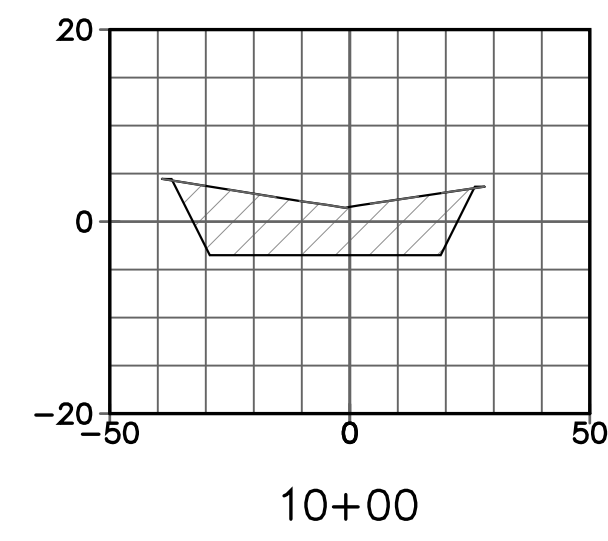
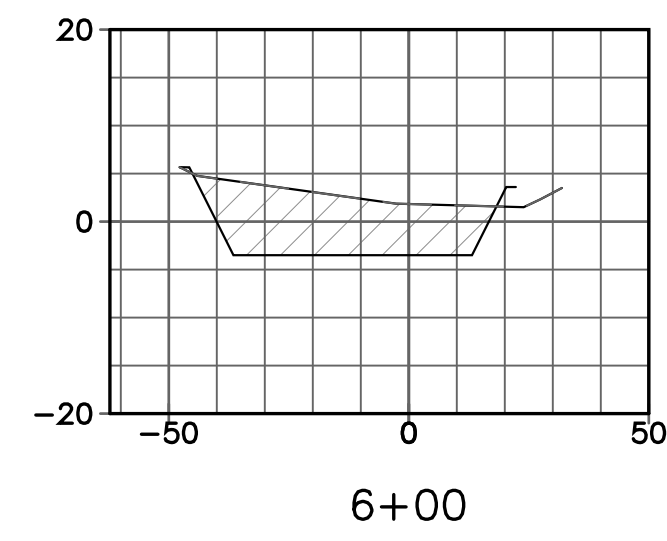
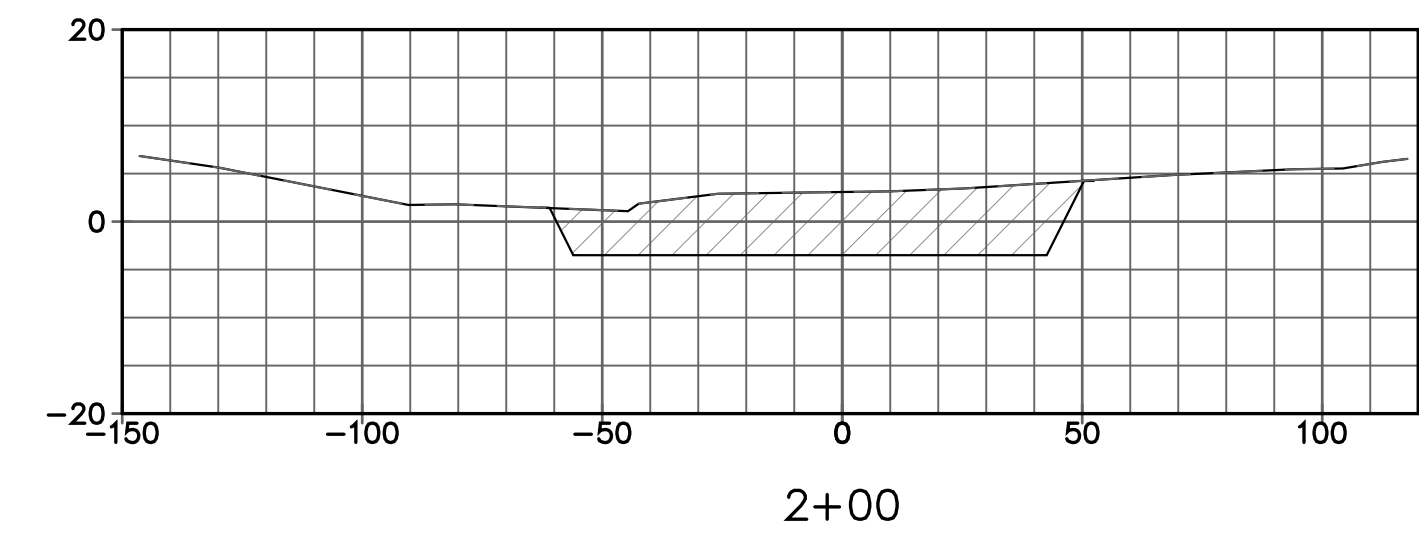
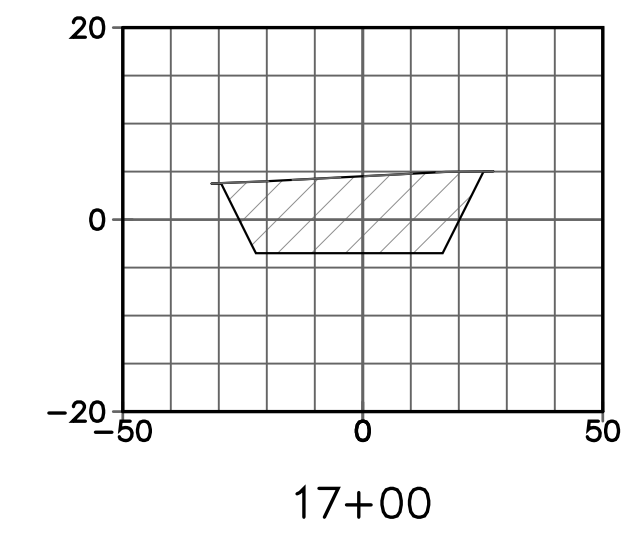
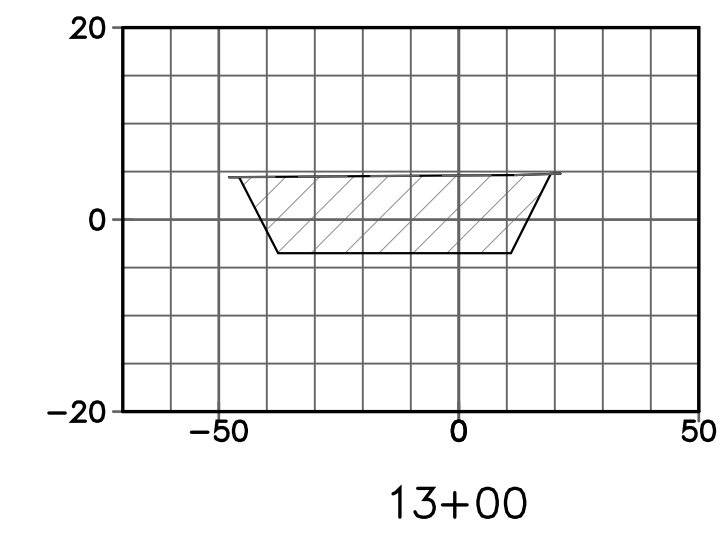
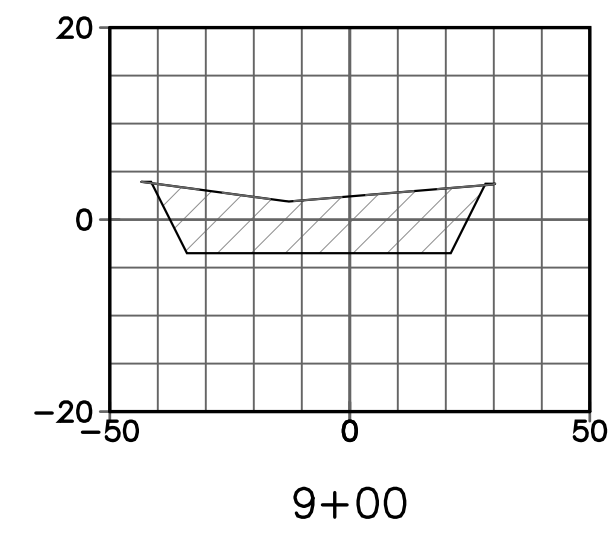
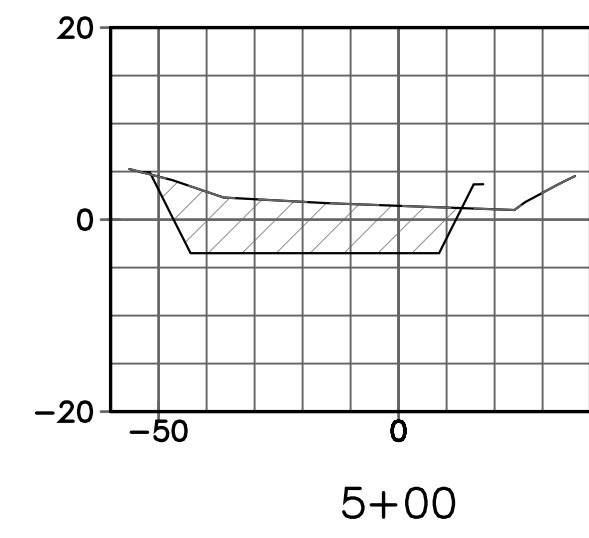
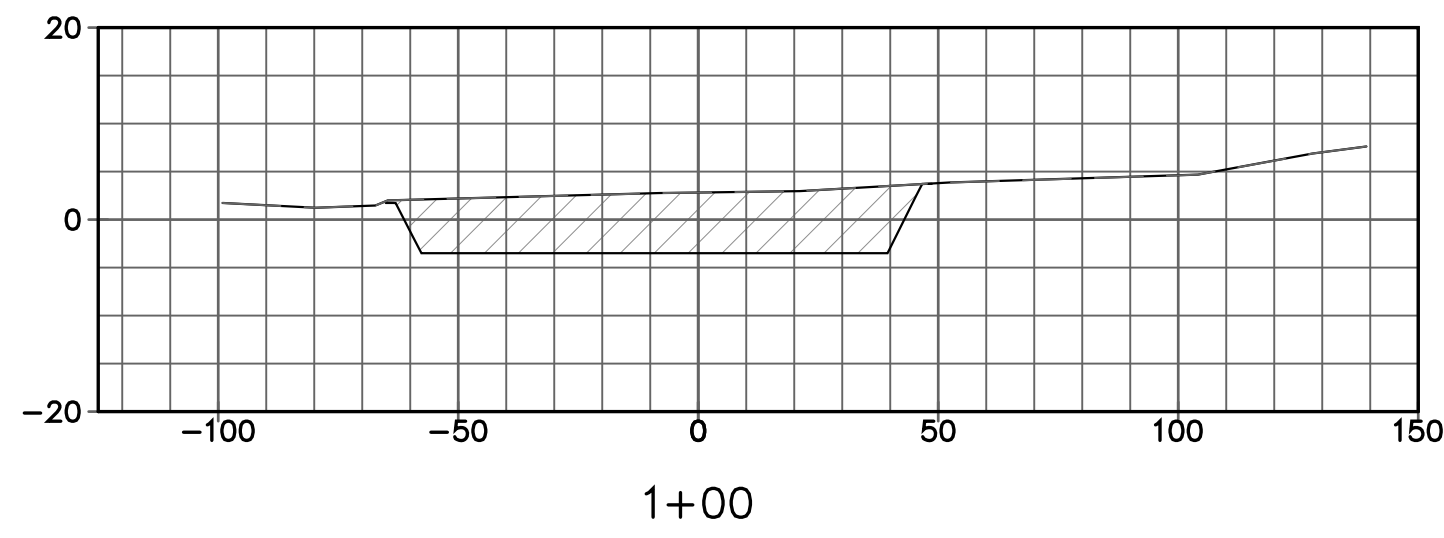
CARPINTERIA SANTA BARBARA COUNTY, CALIFORNIA

**DREDGING ALIGNMENT**

|                    |                  |                |                 |
|--------------------|------------------|----------------|-----------------|
| PROJECT#<br>23STM1 | DATE<br>3/7/2023 | DRAWN BY<br>EA | SHEET<br>1 of 6 |
|--------------------|------------------|----------------|-----------------|



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|--|------------------|----------------|-----------------|
| SANTA BARBARA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT |                  |                |                 |
| CARPINTERIA SALT MARSH EMERGENCY DREDGING PROJECT                  |                  |                |                 |
| CARPINTERIA SANTA BARBARA COUNTY, CALIFORNIA                       |                  |                |                 |
| <b>DREDGING ALIGNMENT</b>  |                  |                |                 |
| PROJECT#<br>23STM1   | DATE<br>3/7/2023 | DRAWN BY<br>EA | SHEET<br>2 of 6 |



SANTA BARBARA COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT

CARPINTERIA SALT MARSH  
EMERGENCY DREDGING PROJECT

CARPINTERIA  
SANTA BARBARA COUNTY, CALIFORNIA

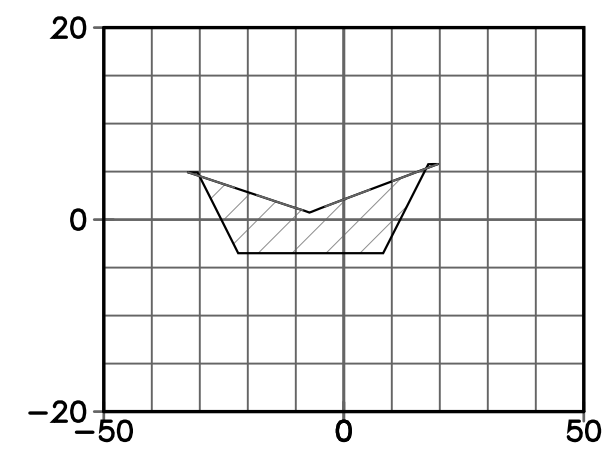
”FR” CROSS SECTIONS

|                    |                  |                |                 |
|--------------------|------------------|----------------|-----------------|
| PROJECT#<br>23STM1 | DATE<br>3/4/2023 | DRAWN BY<br>LC | SHEET<br>3 of 6 |
|--------------------|------------------|----------------|-----------------|

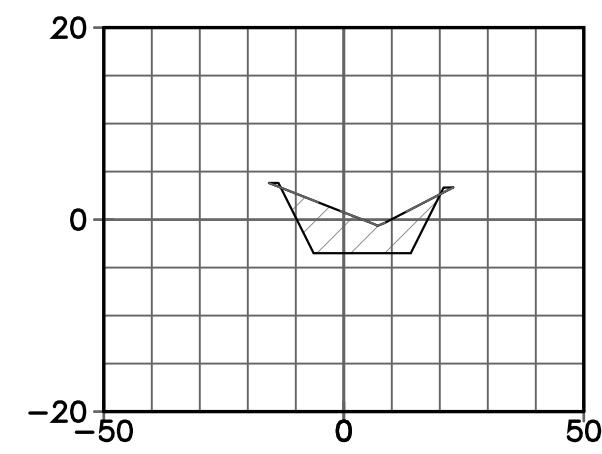
GRAPHIC SCALE



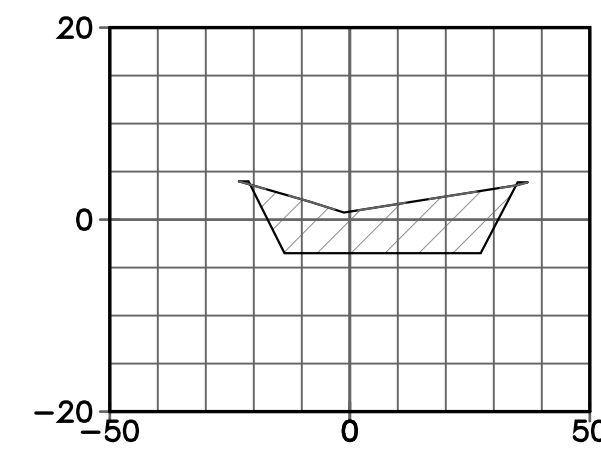
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1 inch = 40 ft.



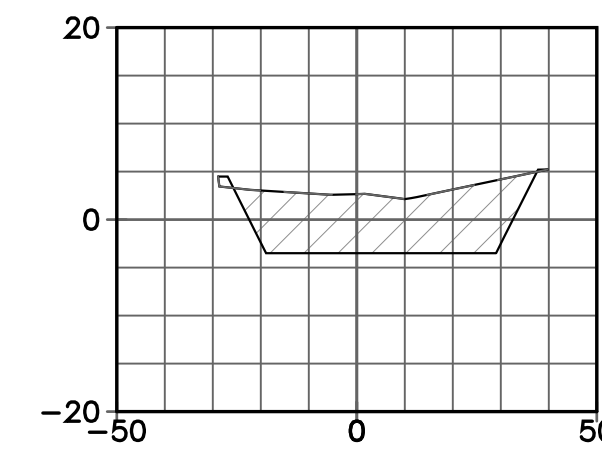
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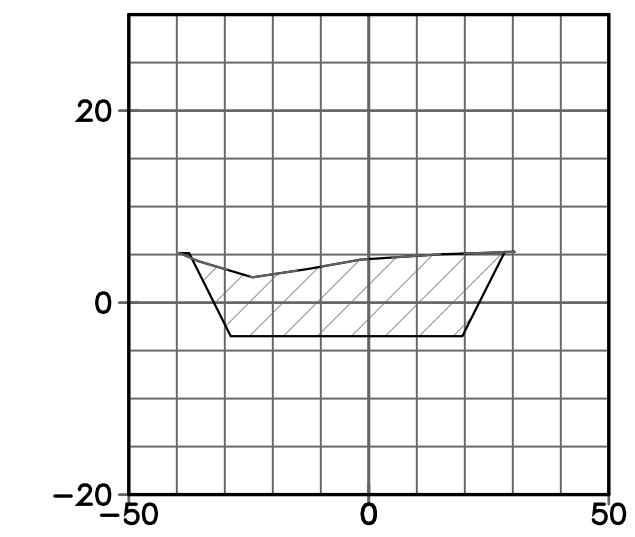
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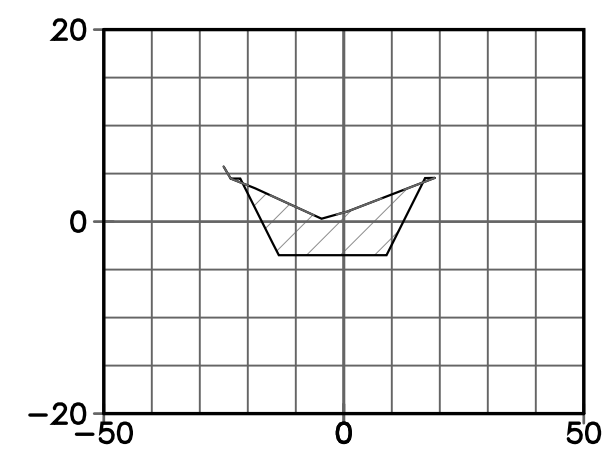
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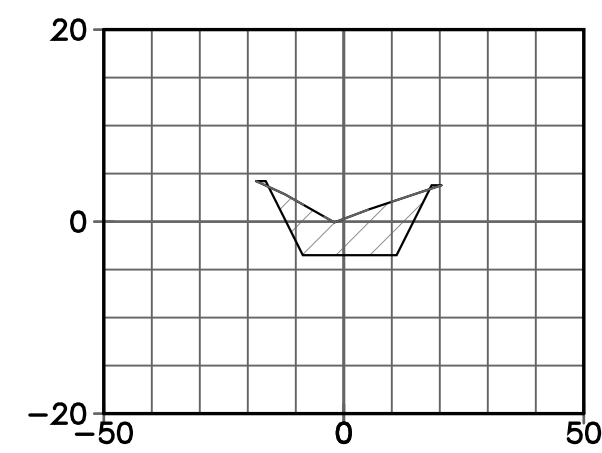
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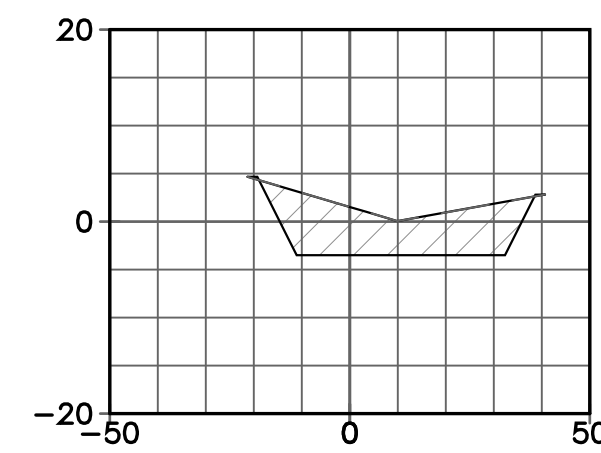
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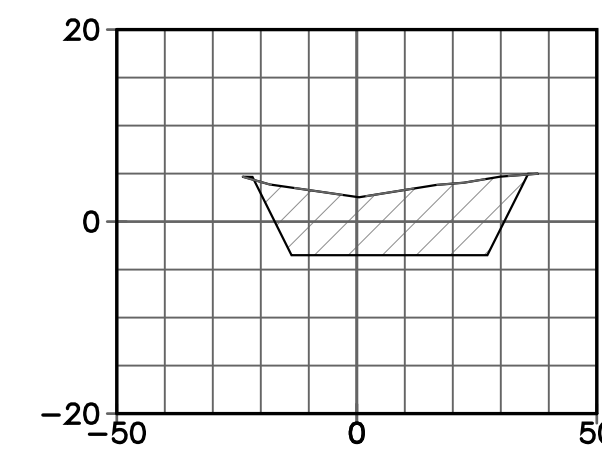
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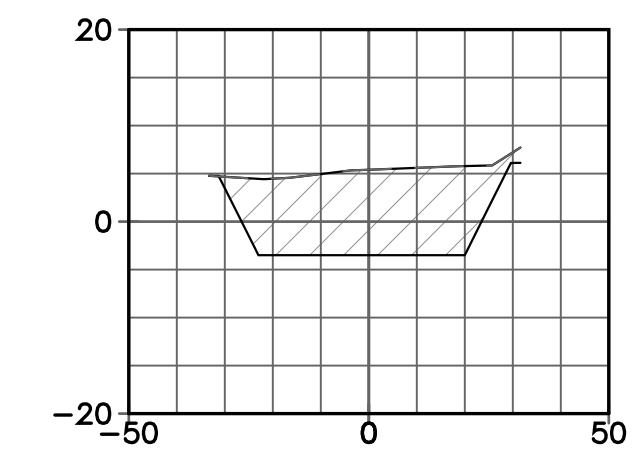
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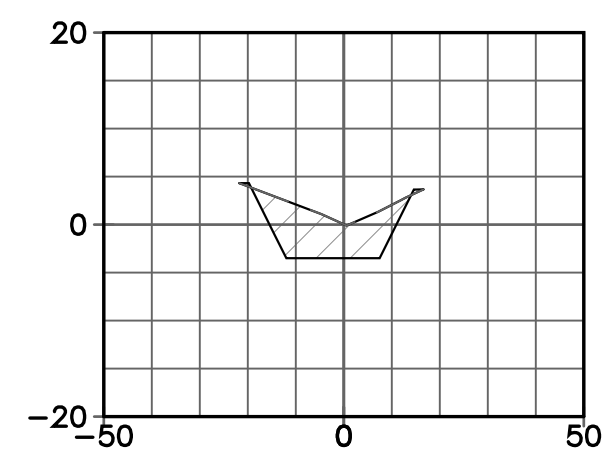
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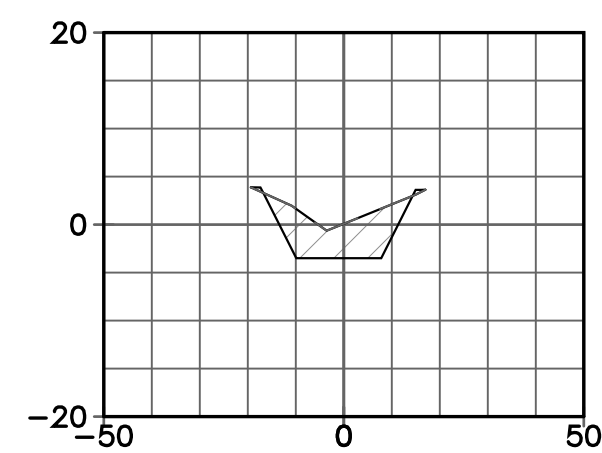
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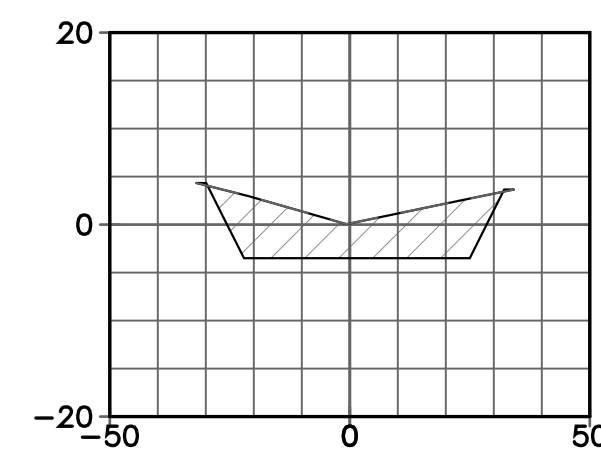
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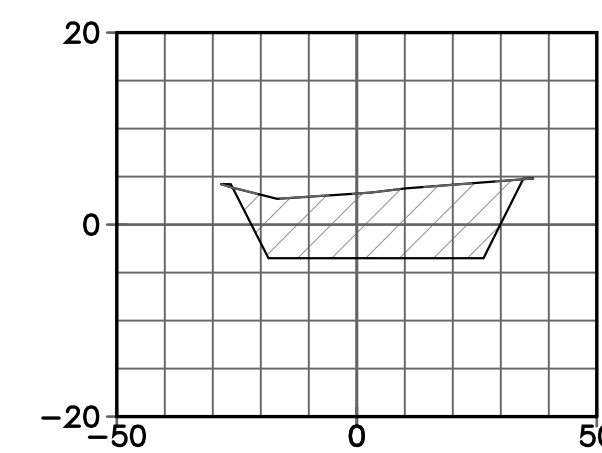
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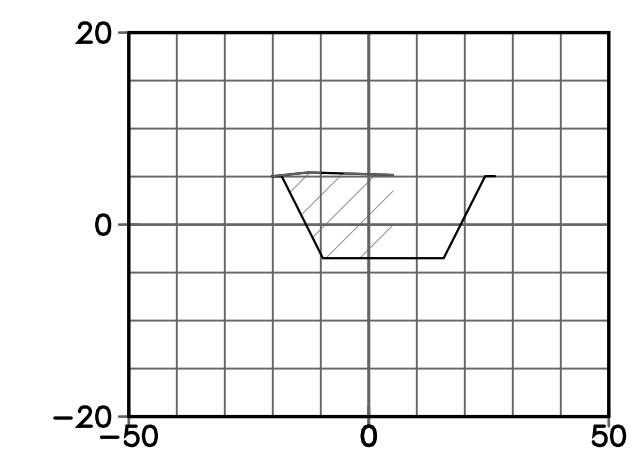
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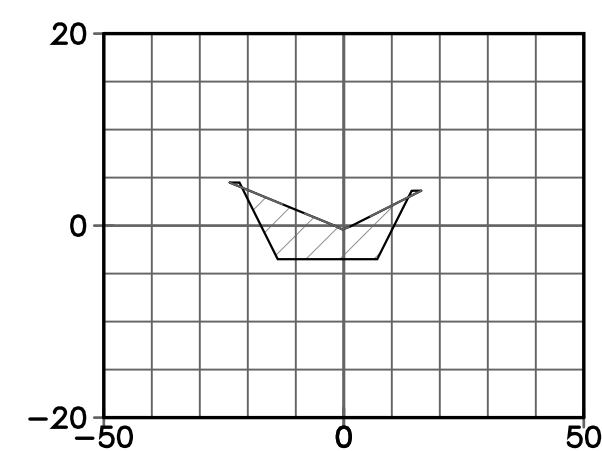
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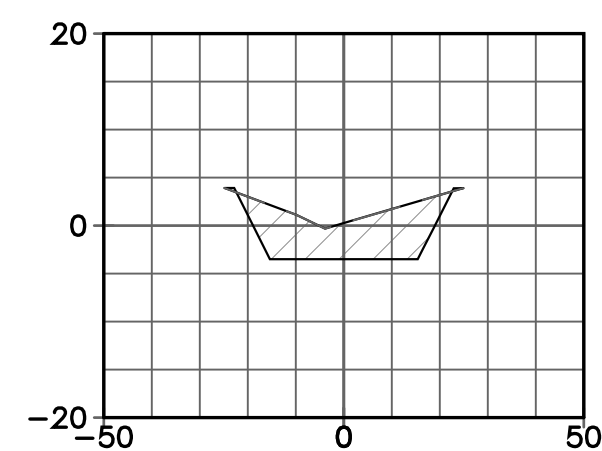
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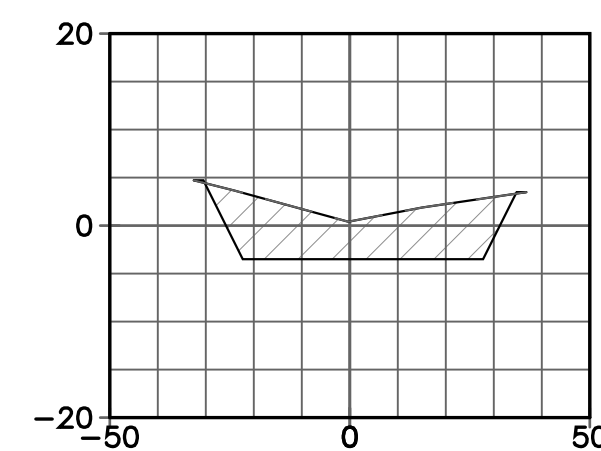
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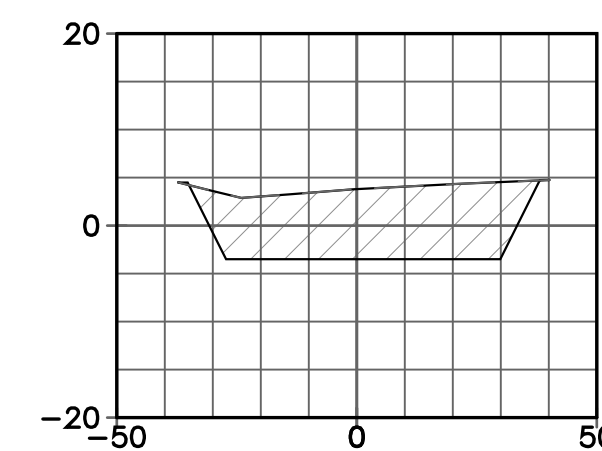
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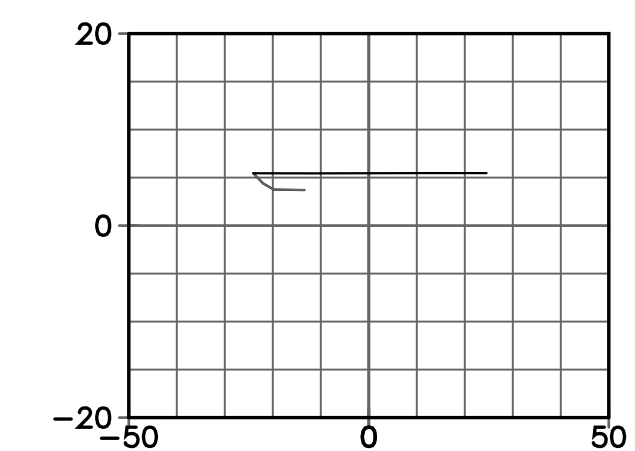
28+00



32+00



36+00



39+26

SANTA BARBARA COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT

CARPINTERIA SALT MARSH  
EMERGENCY DREDGING PROJECT

CARPINTERIA  
SANTA BARBARA COUNTY, CALIFORNIA

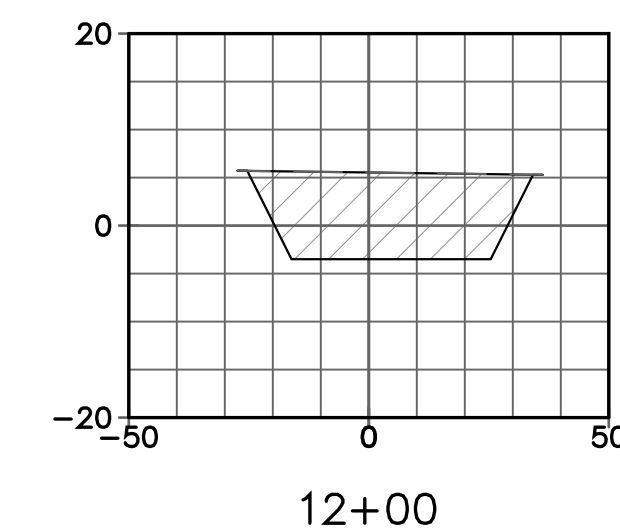
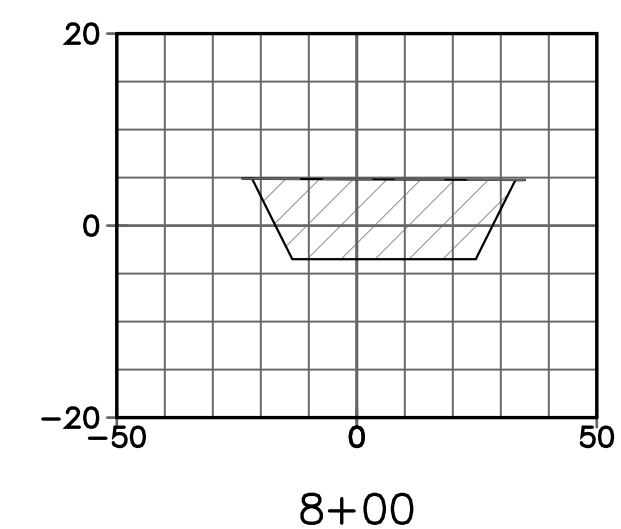
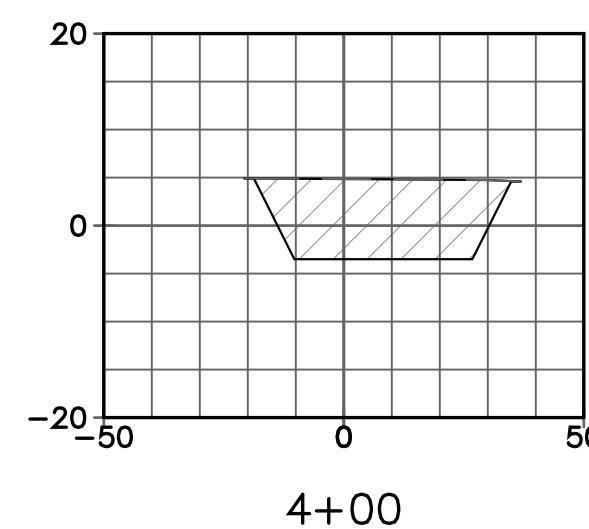
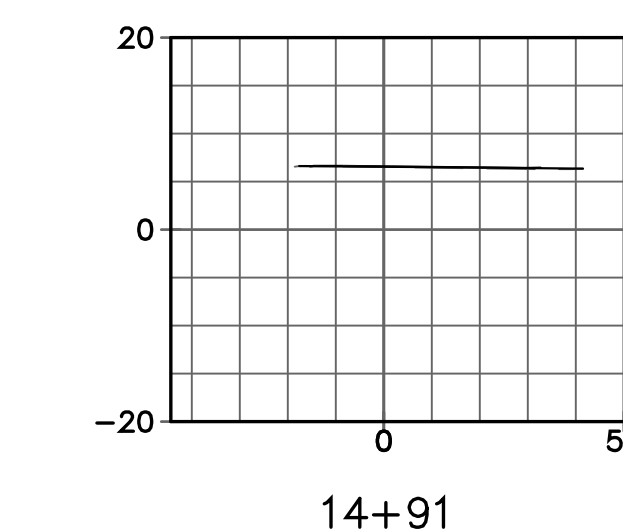
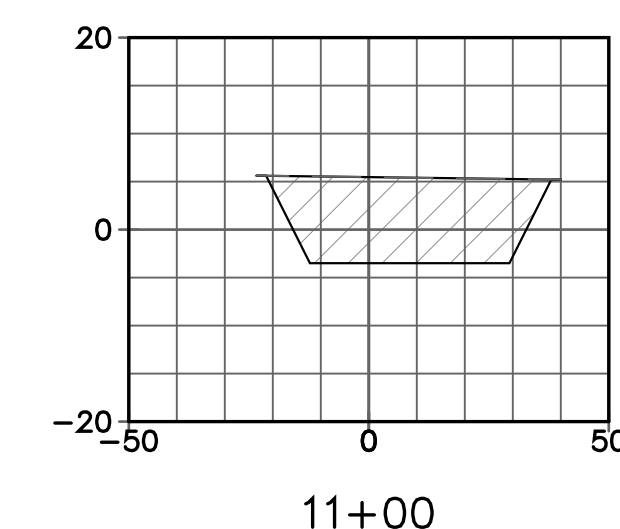
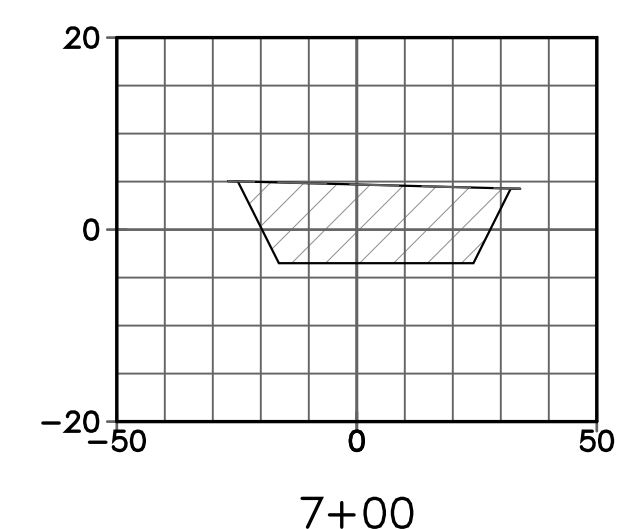
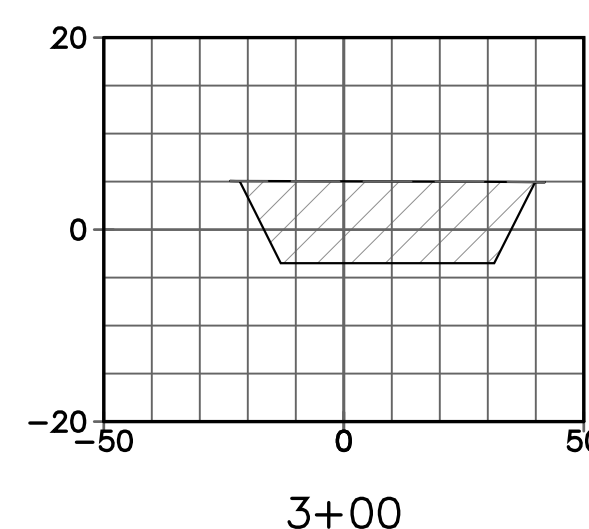
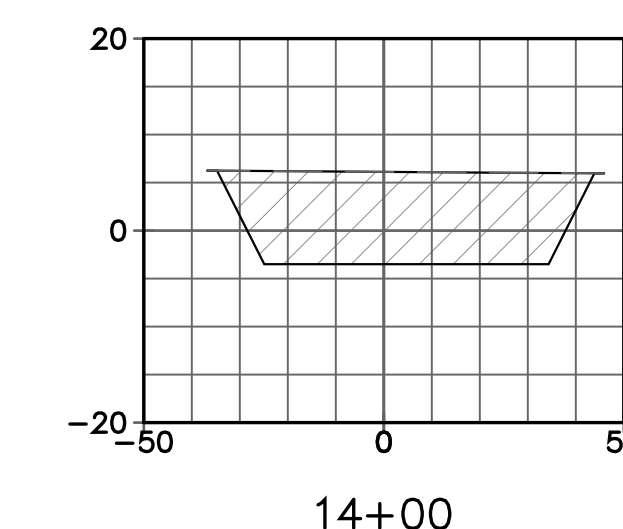
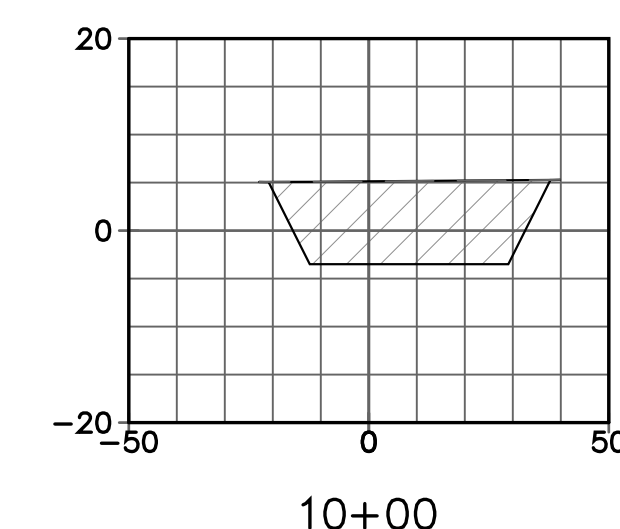
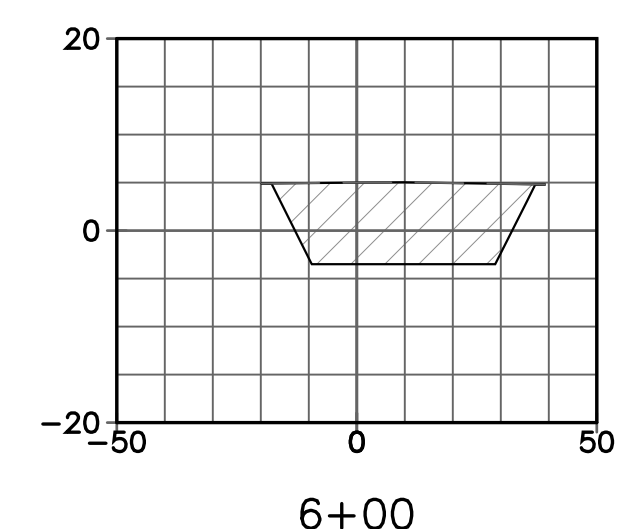
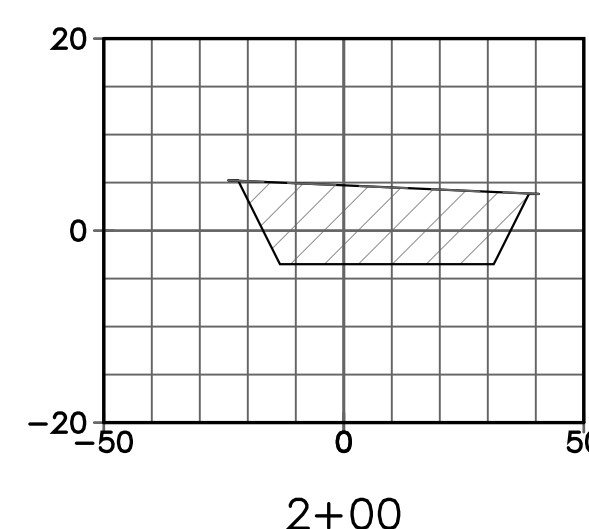
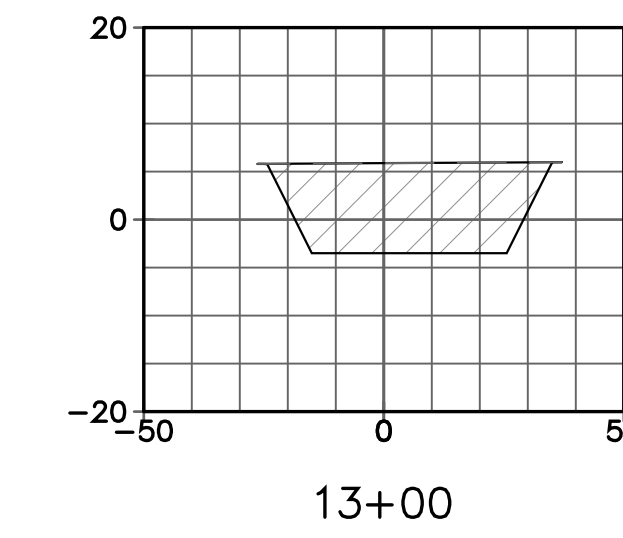
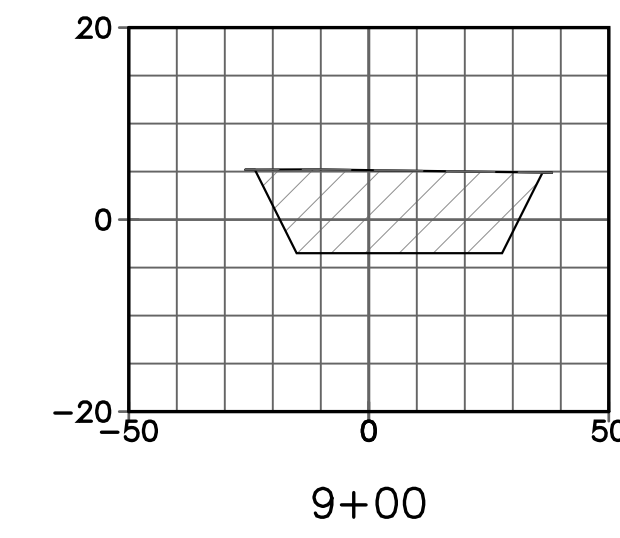
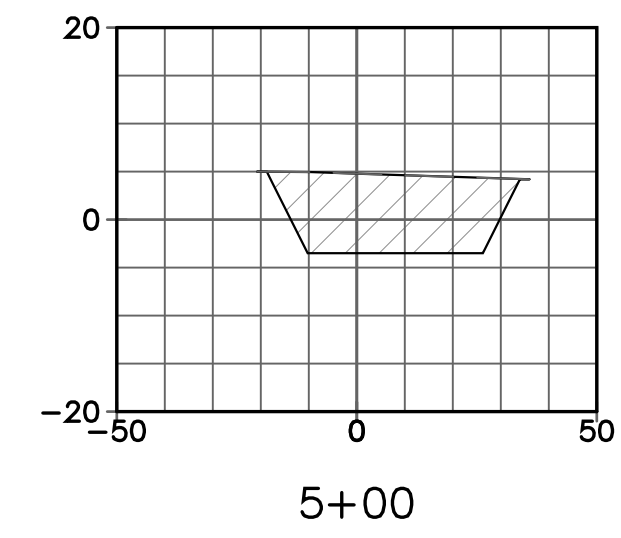
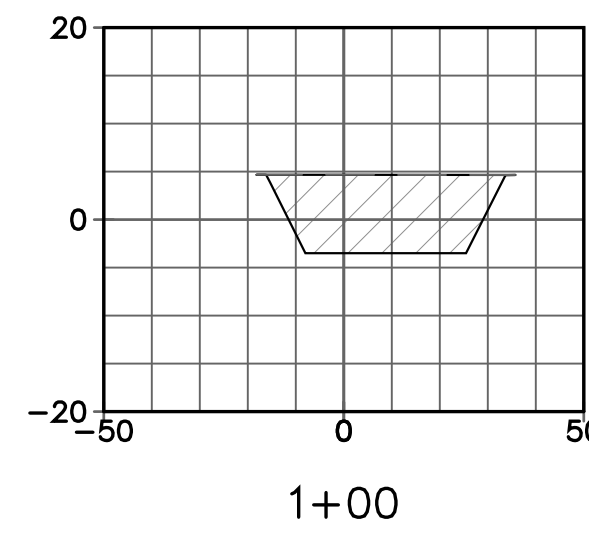
”FR” CROSS SECTIONS

|                    |                  |                |                 |
|--------------------|------------------|----------------|-----------------|
| PROJECT#<br>23STM1 | DATE<br>3/4/2023 | DRAWN BY<br>LC | SHEET<br>4 of 6 |
|--------------------|------------------|----------------|-----------------|

GRAPHIC SCALE



( IN FEET )  
1 inch = 40 ft.



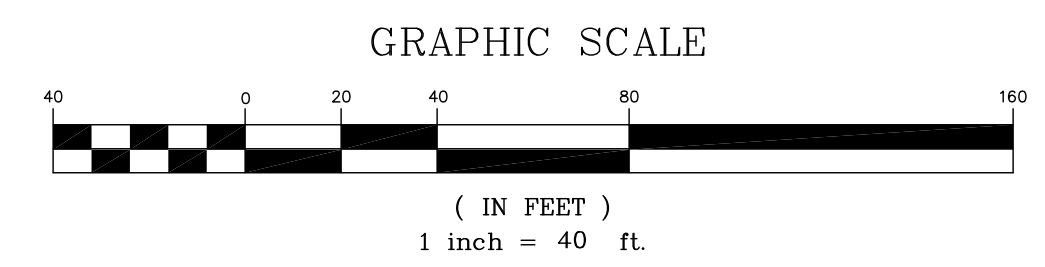
SANTA BARBARA COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT

CARPINTERIA SALT MARSH  
EMERGENCY DREDGING PROJECT

CARPINTERIA  
SANTA BARBARA COUNTY, CALIFORNIA

”SM” CROSS SECTIONS

|                    |                  |                |                 |
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|--------------------|------------------|----------------|-----------------|



| "FR" VOLUME TABLE |          |                 |                         |
|-------------------|----------|-----------------|-------------------------|
| Station           | Cut Area | Cut Volume (CY) | Cumulative Cut Vol (CY) |
| 0+10              | 0        | 0               | 0                       |
| 0+31              | 133      | 51              | 51                      |
| 0+54              | 531      | 285             | 335                     |
| 1+00              | 645      | 1005            | 1340                    |
| 2+00              | 667      | 2429            | 3769                    |
| 3+00              | 549      | 2251            | 6020                    |
| 4+00              | 338      | 1642            | 7661                    |
| 5+00              | 320      | 1218            | 8879                    |
| 6+00              | 351      | 1242            | 10121                   |
| 7+00              | 388      | 1369            | 11489                   |
| 8+00              | 354      | 1375            | 12864                   |
| 9+00              | 384      | 1367            | 14231                   |
| 10+00             | 334      | 1330            | 15561                   |
| 11+00             | 323      | 1217            | 16778                   |
| 12+00             | 317      | 1186            | 17964                   |
| 13+00             | 457      | 1433            | 19397                   |
| 14+00             | 307      | 1414            | 20812                   |
| 15+00             | 337      | 1192            | 22004                   |
| 16+00             | 357      | 1285            | 23289                   |
| 17+00             | 372      | 1351            | 24640                   |
| 18+00             | 478      | 1575            | 26215                   |
| 19+00             | 178      | 1215            | 27430                   |
| 20+00             | 172      | 649             | 28079                   |
| 21+00             | 227      | 740             | 28819                   |
| 22+00             | 154      | 707             | 29525                   |
| 23+00             | 126      | 519             | 30045                   |
| 24+00             | 127      | 470             | 30514                   |
| 25+00             | 114      | 447             | 30962                   |
| 26+00             | 127      | 447             | 31409                   |
| 27+00             | 106      | 432             | 31840                   |
| 28+00             | 182      | 533             | 32373                   |
| 29+00             | 263      | 824             | 33197                   |
| 30+00             | 253      | 955             | 34152                   |
| 31+00             | 280      | 987             | 35140                   |
| 32+00             | 314      | 1101            | 36241                   |
| 33+00             | 357      | 1243            | 37483                   |
| 34+00             | 341      | 1293            | 38776                   |
| 35+00             | 369      | 1316            | 40092                   |
| 36+00             | 475      | 1563            | 41655                   |
| 37+00             | 429      | 1674            | 43329                   |
| 38+00             | 456      | 1640            | 44969                   |
| 39+00             | 168      | 1156            | 46125                   |
| 39+16             | 0        | 49              | 46174                   |
| 39+26             | 0        | 0               | 46174                   |

| "SM" VOLUME TABLE |          |                 |                         |
|-------------------|----------|-----------------|-------------------------|
| Station           | Cut Area | Cut Volume (CY) | Cumulative Cut Vol (CY) |
| 0+54              | 405.11   | 0.00            | 0.00                    |
| 1+00              | 340.02   | 639.11          | 639.11                  |
| 2+00              | 421.99   | 1411.12         | 2050.23                 |
| 3+00              | 451.61   | 1617.77         | 3668.00                 |
| 4+00              | 377.96   | 1536.23         | 5204.23                 |
| 5+00              | 364.34   | 1374.62         | 6578.85                 |
| 6+00              | 394.94   | 1406.07         | 7984.92                 |
| 7+00              | 396.92   | 1466.41         | 9451.32                 |
| 8+00              | 386.98   | 1451.67         | 10902.99                |
| 9+00              | 442.34   | 1535.77         | 12438.77                |
| 10+00             | 433.70   | 1622.29         | 14061.06                |
| 11+00             | 450.02   | 1636.51         | 15697.57                |
| 12+00             | 454.75   | 1675.48         | 17373.05                |
| 13+00             | 469.77   | 1712.06         | 19085.12                |
| 14+00             | 662.19   | 2096.23         | 21181.34                |
| 14+83             | 308.47   | 1493.59         | 22674.94                |
| 14+91             | 0.06     | 44.58           | 22719.51                |
| 15+00             | 0.00     | 0.01            | 22719.52                |

SANTA BARBARA COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT

CARPINTERIA SALT MARSH  
EMERGENCY DREDGING PROJECT

CARPINTERIA  
SANTA BARBARA COUNTY, CALIFORNIA

CROSS SECTION VOL.

|                    |                  |                |                 |
|--------------------|------------------|----------------|-----------------|
| PROJECT#<br>23STM1 | DATE<br>3/4/2023 | DRAWN BY<br>LC | SHEET<br>6 of 6 |
|--------------------|------------------|----------------|-----------------|

**SANTA BARBARA COUNTY  
FLOOD CONTROL AND WATER CONSERVATION DISTRICT**



**NOTICE TO BIDDERS  
AND  
SPECIAL PROVISIONS**

**FOR**

**CARPINTERIA SALT MARSH  
EMERGENCY DREDGING PROJECT**

**UNDER:**

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**Bid Book dated March 7, 2023  
Standard Plans dated 2018**

**Standard Specifications dated 2018**

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**COUNTY PROJECT NO. 23STM1**

**BID OPENING LOCATIONS:  
PlanetBids**

<https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

**BID OPENING TIME AND DATE:  
10:00 AM on March 21, 2023**

**Electronic Advertising Contract**

**SCOTT D. McGOLPIN  
DIRECTOR OF PUBLIC WORKS**

**SANTA BARBARA COUNTY FLOOD CONTROL  
AND WATER CONSERVATION DISTRICT  
NOTICE TO BIDDERS**

Bids open at **10:00 AM on Tuesday, March 21, 2023**, for:

**CARPINTERIA SALT MARSH EMERGENCY DREDGING PROJECT**

COUNTY PROJECT NO. **23STM1**

General project work description:

The Project generally consists of emergency dredging of deposited material from Carpinteria Salt Marsh within both Santa Monica Creek and Franklin Creek by hydraulic pipeline suction dredging. The length of dredging begins at the mouth of the Carpinteria Salt Marsh and continues up both Santa Monica Creek and Franklin Creek until they connect at their respective concrete channels.

All material must be discharged into the surf zone at the mouth of the marsh.

Project location description: The WORK occurs in the unincorporated Carpinteria area of Santa Barbara County, California, within County Flood Control easements and private property.

Plans, Specifications, and Bid Book are available at no charge at  
<https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

The County encourages the participation of DBEs as defined in 49 CFR 26. You are encouraged to employ craftsmen and other workers from the local labor market whenever possible to do so. Local labor market is defined as the labor market within the geographical confines of the County of Santa Barbara, State of California.

Submit bids to the web address below. Bids will be opened and available at the web address below immediately following the submittal deadline.

**PlanetBids**

<https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

Complete the project work within **60 Workings Days**.

The estimated cost of the project is **\$2,692,000**

A non-mandatory pre-bid job walk is scheduled for **Friday, March 17, 2023, at 10:00 AM**. Bidders interested in attending are to meet at Sandyland Cove Road, south of the UPRR railroad tracks. Attendees must have personal protective equipment and be prepared to walk in wet and muddy conditions.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.



Prevailing wages are required on this Contract. The Director of the California Department of Industrial Relations determines the general prevailing wage rates. Obtain the wage rates at the DIR website, <https://www.dir.ca.gov/>.

The Bidder shall possess a Class A General Engineering Contractor license or a combination of Class C licenses which constitute the majority of the work in accordance with the provisions of Chapter 9, Division III of the Business and Professions Code at the time that the Bid is submitted. Failure to possess the required license(s) shall render the Bid as non-responsive and shall act as a bar to award of the Contract to any bidder not possessing said license.

Questions pertaining to this Project prior to Award of the Contract may be submitted via PlanetBids Q&A tab. The District will make every effort to respond to questions prior to the bid opening.

Bidders (Plan Holders of Record) will be notified by electronic mail if addendums are issued. The addendums, if issued, will only be available on PlanetBids, <https://www.planetbids.com/portal/portal.cfm?CompanyID=43874>

The OWNER reserves the right to reject any or all bids, to waive any informalities and/or inconsistencies in a bid, and to make awards to the lowest responsive, responsible bidder as it may best serve the interest of the OWNER.

## COPY OF BID ITEM LIST

| <b>Item No.</b>  | <b>F<sup>1</sup></b> | <b>Description</b> | <b>Unit</b> | <b>Quantity</b> | <b>Unit Price</b> | <b>Item Total</b> |
|------------------|----------------------|--------------------|-------------|-----------------|-------------------|-------------------|
| 1                | F                    | Emergency Dredging | CY          | 69,200          | \$                | \$                |
| 2                |                      | Mobilization       | LS          | 1               | \$                | \$                |
| <b>TOTAL BID</b> |                      |                    |             |                 |                   | \$                |

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<sup>1</sup> "F" denotes Final Pay Item





condition. You must document the condition of the original improvements. The project site location is shown below. Contractor access will be off of Estero St, depicted in green below, and job walk access will be off Sandyland Cove Road, depicted in red below.



Equipment may not be serviced in the Carpinteria Salt Marsh.

Staging and storage areas available for your use are depicted on the plans.

Occupy staging and storage areas only for purposes to perform the work.

Staging and storage areas that you use must be fully enclosed and secured with temporary 6' tall chain link fencing and gates. Chain link fencing and gates must be maintained to a safe and orderly fashion.

**Add to section 5-1.36D:**

You must notify the regional notification center under Govt Code 421 et seq immediately upon award of the project.

You must provide the Underground Service Alert "Inquiry Identification" number and start date to the District prior to starting excavation. You must keep the USA request number valid throughout the duration of the construction contract.

The utilities shown in the following table will not be rearranged. The utilities may interfere with dredging activities.









## DIVISION VII DRAINAGE

### 71 EMERGENCY DREDGING

**Replace section 71 with:**

#### **71-1.01A General**

The work consists of emergency dredging of all materials within the limits shown on the plans and described herein. All dredged materials shall be removed and disposed of as indicated on the plans and in these Contract Documents. The materials to be removed consist of sand, silty sand, sandy silt, and some silts and clays. Gravel, small cobbles, boulders, trash, woody debris and organic debris can also be expected within the project boundaries.

Due to the proximity to Federally-regulated species you cannot place anchor posts along the channel banks.

Limits of proposed dredging have been dredged within the past 5 years.

#### **71-1.01B Submittals**

Submit a Dredge and Disposal Plan indicating the methods and equipment you propose to use to dredge, position and dispose. The plan must be submitted to the Engineer for approval at least 2 days prior to the start of dredging operations and must include, as a minimum, the following information:

- A. Order of dredging operations, layout of dredging and disposal areas, and proposed timer line.
- B. Layout of all buoys, anchors, pipelines, and ancillary equipment.
- C. Methods and equipment for positioning and repositioning at the dredge and disposal site. It is anticipated that the dredge will not be able to pass below the two bridges shown on the plans. You must reposition the dredge as needed to perform the work.
- D. Layout of dredge, including: dimensions; locations of engines, fuel storage, electrical/transformer rooms; description of engine types and horsepower ratings, types and size of generating equipment, fuel storage capacity, and vertical and horizontal access.

Submit daily reports of operations, i.e. 'Leverman Logs'.

Submit shop drawing, in accordance with section 5-1.23B(2), for discharge pipe.

#### **71-1.01C Construction**

Dredge to a depth of -3.5 (negative three and one half) feet based on North America Vertical Datum of 1988 (NAVD '88) vertical datum, at 1:1 slopes. Total dredge length of Santa Monica Channel is approximately 1,800 feet from the mouth of the marsh to the confluence with Franklin Channel. From the confluence upstream to the concrete channels, Santa Monica Channel is approximately 1,500 feet and Franklin Channel is approximately 2,200 feet. The estimated volume shown in the Bid Items List is based on survey shots taken of the mud levels.

A hydraulic pipeline suction dredge must be used to remove the materials described herein. The discharge pipeline shall be floated where sufficient water exists. When the tide is low, the discharge pipeline may rest on the channel bottom. The Contractor shall select dredging equipment capable of excavating to the line, grade, and limits shown on Exhibit A and described in the special provisions within the contract period.

The dredged material shall be discharged directly into the surf zone at the mouth of the Carpinteria Salt Marsh as shown on Exhibit B within the Flood Control District easement. Any dredged material that is deposited other than in the area indicated on the plans, or as approved by the District, will not be included in the measurement for payment, and the Contractor will be required to remove such misplaced material and deposit it where directed at his own expense.

