

Department of Parks, Recreation and Waterfront
Waterfront Capital Improvements Program Division

ADDENDUM NO. 2

PROJECT NAME: **CESAR CHAVEZ PARK PERIMETER PATHWAY
IMPROVEMENT PROJECT**

SPECIFICATION NO.: **25-11702-C**

DATE: **APRIL 10th, 2025**

This Addendum forms a part of the contract documents for the above referenced project. Bidders shall attach the Bidder's Acknowledgement for this Addendum to the BIDDER'S PROPOSAL.

The following amendments are hereby made to the subject documents:

1. **Plans:** Cesar Chavez Pathway Improvement Project – Final Plans.
REPLACE with attached revised Sheets T-1 and X-1.
 - Update Phase and “D” Line Description.
2. **Plans:** Cesar Chavez Pathway Improvement Project – Final Plans.
REPLACE with attached revised Sheets L-1, L-2, and L-4.
 - Update Methane Gas Collection System information and Storm Drain Access Hole Note.
3. **Plans:** Cesar Chavez Pathway Improvement Project – Final Plans.
REPLACE with attached revised Sheet P-3.
 - Added “D” Line Profile.
4. **Plans:** Cesar Chavez Pathway Improvement Project – Final Plans.
REPLACE with attached revised Sheet C-3 through C-6.
 - Sheet C-3, remove handrail from plans.
 - Sheet C-4, update Collapsible Bollard Detail, add 6” Vertical Curb Detail, add dimension to Adjust Monitoring Well Detail.
 - Sheet C-5, remove handrail construction details from plans.
 - Sheet C-6, add Trash Receptacle Concrete Pad (Base Bid and Additive Bid Schedule A).

5. **Plans:** Cesar Chavez Pathway Improvement Project – Final Plans.
ADD Sheet MS-1 Methane Gas Collection System Sheet to Plans.
6. **Specifications:**
REPLACE Bid Opening Date and Time to 2:00 PM, THURSDAY, APRIL 17th, 2025.
REPLACE Pre-award Conference Date and Time to 2:00 PM THURSDAY, MAY 1st, 2025.
7. **Specifications:** Bidders Proposal
REPLACE with attached Revised Bidder’s Proposal – Addendum 2.
8. **Specifications:** Part C – Technical Specifications

REPLACE attached section for BID ITEM NO. 1 – MOBILIZATION AND DEMOBILIZATION (INCLUDING STAGING AREA).

REPLACE title of section BID ITEM NO. 11 – RSP FABRIC from BID ITEM NO. 12 – RSP FABRIC.

REPLACE attached section for BID ITEM NO. 18 – COLLAPSIBLE BOLLARD for section BID ITEM NO. 18 – REMOVABLE BOLLARDS.

REPLACE attached section for BID ITEM NO. 19 – CURB for removed section BID ITEM NO. 19 – RAILING.

ADD attached section for BID ITEM NO. 22 – REMOVE CURB.

REPLACE title and reference to bid item number to SCHEDULE B – ADDITIVE BID ITEM NO. 5 – FILL (IMPORTED BORROW) from SCHEDULE B – ADDITIVE BID ITEM NO. 4 – FILL IMPORTED BORROW.

In addition, the following clarifications are hereby made to the subject documents, questions are in order received.

Questions and Responses:

1. What’s the Engineer’s Estimate?

Response: The Engineer’s Estimate for all Base Bid work is \$1,100,000

2. Is this a PLA Project?

Response: This Project is subject to the Community Workforce Agreement attached as Appendix A to the Project Specifications. The Community Workforce Agreement is the City of Berkeley’s specific Project Labor Agreement (PLA).

3. I am going through the spec book, and it looks like page 19 (Agreement for Change in Sub-Contractors) and 20 (Workforce Composition Form for All Construction Contract) are cut off. Can you please send over revised pages, or should we just complete the ones in the spec book?

Response: An updated version of the Specification 25-11702-C was uploaded May 26th, 2025, correcting the cut off Sub-Contract Page; Workforce Composition Form; Appendix B - Environmental Constraints Memorandum - Attachment 2 Site Plan; and Appendix C Land Fill Gas System Plan – Berkeley Landfill – City of Berkeley.

4. [Multiple Questions] Will a Bid Bond Form be provided? Does the City have a specific Bid Bond Form? Can Bidders provide forms provided by their Surety?

Response: A Bid Bond is required for bidding. A standard Bid Bond Form is not provided. The Bidder should provide their own proof of Bid Bond. Bidders can provide forms provided by their Surety.

5. Is the basis of determining the lowest bidder on the base bid amount only or is it the base bid with the add alternate amounts?

Response: The basis for determining the apparent lowest bidder will be the lowest dollar amount for base bid items only. Additive Bid Schedules, A, B, and C are not included in the apparent lowest bidder determination.

6. [Multiple Questions] Please clarify the difference between Item 5 and Item 11 in Additive Bid Schedule A, as well as Item 3 and Item 7 in Additive Bid Schedule B. They are all titled “Full Depth Reclamation (FDR)”. Should there just be one FDR item per Bid Schedule?

Response: Additive Bid Schedule A – Bid Item No. 11 – Full Depth Reclamation (FDR) is removed. Additive Bid Schedule B – NW Viewing Area – Bid Item No. 7 - Full Depth Reclamation (FDR) is removed. Please see attached Revised Bidder’s Proposal – Addendum 2.

7. Do you anticipate the bid date being pushed with this addendum?

Response: Bid Opening has been delayed to 2:00 PM, Thursday, April 17th, 2025. Please see Addendum No. 1.

8. Please provide a bid item for the removal of the curb shown on Plan Sheet C-3, or specify how this is to be measured and paid for

Response: Bid Item No. 22 - REMOVE CURB has been added. Please see attached Revised Bidder’s Proposal - Addendum 2 and attached Technical Specification, **BID ITEM NO. 22 – REMOVE CURB.**

9. Please specify where Bid Item 20 – Site Concrete (Concrete Pads) in the Base Bid is located and what is to be constructed. I am unable to locate this on the plans

Response: Bid Item No. 20 – Site Concrete (Concrete Pads) refers to the concrete pads for trash receptacles, please see revised Sheet C-6, Trash Receptacle Concrete Pad Detail for dimensions. Bid Item No. 20 - Site Concrete (Concrete Pads) work is to be installed at the R03, R06 - R11, R18 - R24 locations as shown on the Plans.

Bid Item No. 21 – Class 2 Aggregate Base refers to the Class 2 Aggregate Base to be installed underneath the concrete pads specified in Bid Item No. 20 – Site Concrete (Concrete Pads).

Additive Bid Schedule C – Bid Item No. 1 – Trash Receptacle with Site Concrete includes procuring and installing the specified trash receptacles and concrete pads at the R01, R05, R12, and R13 locations.

10. Please specify where Bid Item 7 – Site Concrete (Concrete Pads) in Additive Bid Schedule A is located and what is to be constructed. I am unable to locate this on the plans.

Response: Additive Bid Schedule A - Bid Item No. 7 – Site Concrete (Concrete Pads) refers to the concrete pads for trash receptacles, please see revised Sheet C-6, Trash Receptacle Concrete Pad detail for dimensions. Additive Bid Schedule A – Bid Item No. 11 – Site Concrete (Concrete Pads) are to be located at R14 – R15 as shown on the plans.

Additive Bid Schedule A - Bid Item No. 10 – Class 2 Aggregate Base refers to the Class 2 Aggregate Base to be installed underneath the concrete pads.

11. Can the City provide cross sections of the trail for accurate earthwork quantities?

Response: Typical Cross Sections are shown on Sheet X-1 in the Plans. The City will not provide additional cross sections.

12. The plan details clearly call for a galvanized finish (typical for this type of project) while the specifications clearly call for a primer + paint coat. These two documents seem to conflict with one another. Can you please clarify the intent for this finish on the handrails for this project?

Response: Railings have been removed from the Project, please refer to attached revised Sheet C-5.

13. The plans require a galvanized (steel) skate deterrent to be installed every 36” o.c. on each rail. Would an aluminum (pre-manufactured) product be an allowable substitute for this as there are actually a number of aluminum “stake deterrents” already readily

available on the market (and, as far as I can tell, a galvanized steel version would have to be custom manufactured which would be notably more expensive)?

Response: Railings have been removed from the Project, please refer to attached revised Sheet C-5.

14. The plans call for a 6" sleeve at each rail post. I assume this is to allow access to the rail post's concrete footings after the installation of the concrete flatwork in that area. That being said, this method of installation is costly and prone to logistical issues as it requires a lot of overlap between the concrete and misc. metals subcontractor's scopes. It also requires the excess sleeve material to be cut to grade after flatwork is completed which can be an issue, aesthetically. Is there any reason why we couldn't simply surface/flange mount these rail posts to the top of the completed concrete ramp? It would provide a much more cost effective and aesthetically pleasing end product.

Response: Railings have been removed from the Project, please refer to attached revised Sheet C-5.

15. For the FDR, please confirm if the City intends on the existing asphalt to be pulverized into the underlying subgrade material to make one homogenous mixture to be treated, or if the City intends on the existing asphalt to be removed & off hauled first and then the remaining subgrade material pulverized and treated.

Response: The existing asphalt is to be pulverized into the underlying subgrade material to make one homogenous mixture to be treated. This treated homogenous mixture shall form the base that asphalt concrete paving will be paved on top of.

16. Also, regarding the FDR, Section 6-1.3.2 states the contractor is to use a tractor-drawn construction disc with a depth gauge wheel as the primary mixing unit. Please confirm the use of a pulverizer (e.g. Wirtgen WR 250i or equivalent) can be used in lieu of the disc as the pulverizer is the industry standard tool for pre-pulverizing as well as mixing / treating soils and pavement structures. It is far more accurate than a disc and has the ability to dial in precise mixing ratios and depths.

Response: The existing asphalt and existing subgrade material must be pulverized separately from stabilizer application, following FDR specifications. The contractor must comply with Section 6-1.3.2 using a tractor-drawn construction disc with a depth gauge wheel as the primary mixing unit for the application of stabilizer.

17. Please confirm the quantity for Bid Item 15 – Full Depth Reclamation (FDR) of 2,110 CY is correct. From our takeoff, this quantity appears high and looks as though it includes the Base Bid areas plus the Alternate areas.

Response: The City confirms the quantity of 2,110 CY for Bid Item No. 15 – Full Depth Reclamation (FDR). Please note, FDR extends 1’ beyond the existing edge of pavement as shown in Typical Sections X-1.

18. Please confirm the quantity for Bid Item 16 – Minor Grading of 500 CY is correct. We are calculating that the Base Bid will need substantial Import Borrow to achieve the final grades which there is no bid item for. We are basing this off the new design CL grades and cross slopes shown in the plans which is not the most accurate method of determining earthwork volumes. Cross sections would be needed to perform a detailed, accurate takeoff as per my question below.

Response: The City confirms the quantity of 500 CY for Bid Item No. 16 – Minor Grading is correct. The Project was designed to minimize import and off-haul.

The Bid Opening time and date has changed to 2:00 p.m., Thursday, April 17th, 2025. All other provisions of the contract documents shall remain the same. **Bidders shall submit a signed acknowledgment of Addendum No. 2 along with their Bidder's Proposal. Failure to do so may result in bid rejection.**

Sincerely,



Robert Chan
Project Manager

BIDDER'S ACKNOWLEDGEMENT:

**ADDENDUM #2 – CESAR CHAVEZ PARK PERIMETER PATHWAY
IMPROVEMENT PROJECT, SPECIFICATION NO. 25-11702-C**

Name of Company: _____

Address, City, State, Zip: _____

Signature: _____

Title: _____

Print Name: _____

Date: _____

INDEX OF SHEETS:

SHEET No.	DESCRIPTION
1 T-1	TITLE
2 PC-1	PROJECT CONTROL
3 X-1	TYPICAL SECTIONS
4-7 L-1 TO L-4	LAYOUT
8-10 P-1 TO P-3	PROFILE
11-16 C-1 TO C-6	CONSTRUCTION DETAILS
17-18 SC-1 TO SC-2	STAGE CONSTRUCTION
19-20 D-1 TO D-2	DETOUR PLANS
21	POLLUTION PREVENTION

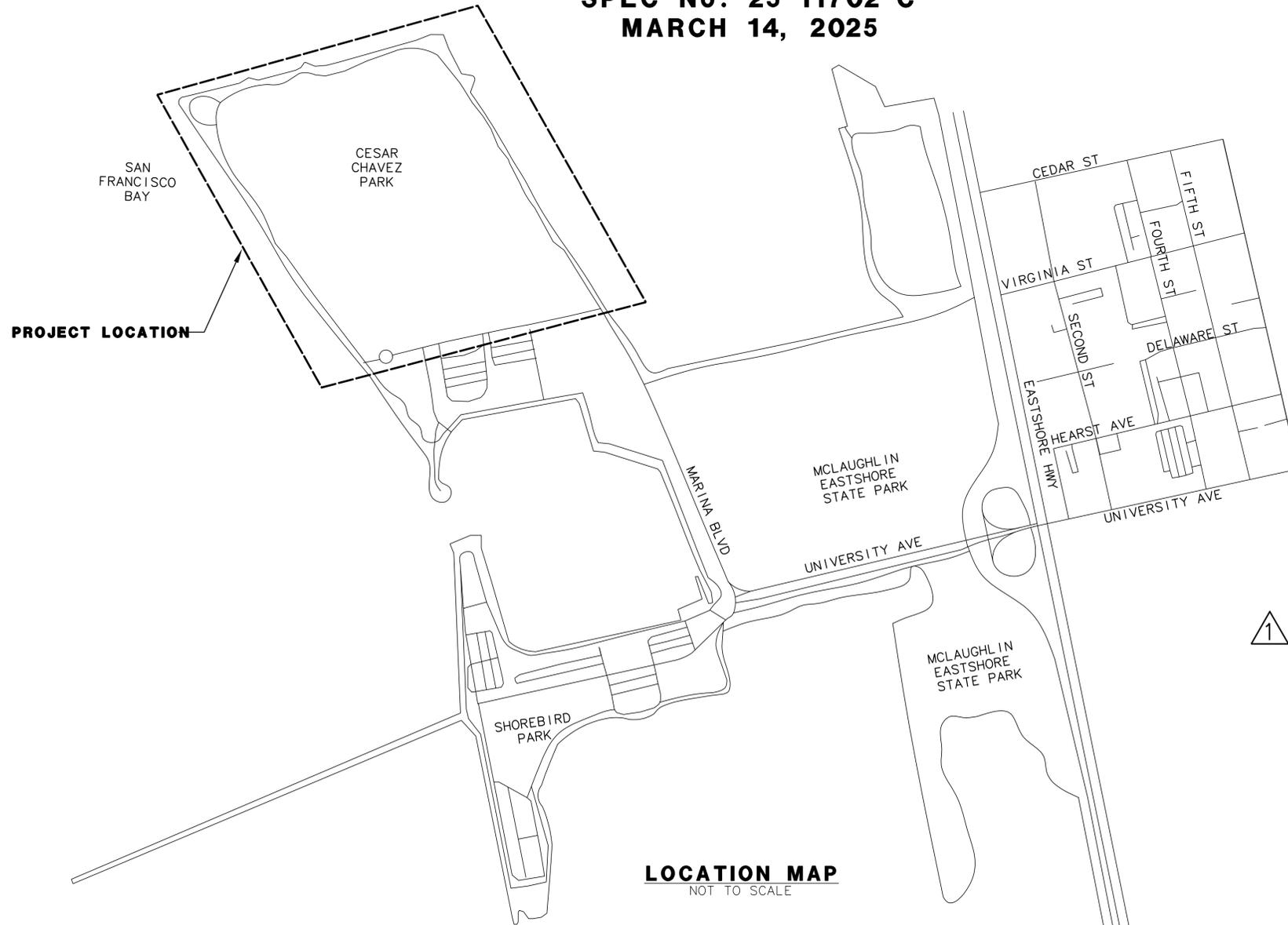
CITY OF BERKELEY ALAMEDA COUNTY, CALIFORNIA PLANS

FOR THE CONSTRUCTION OF CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT

CITY PROJECT No. PRWWF23004

SPEC No. 25-11702-C

MARCH 14, 2025



THIS SET INCLUDES BASE BID, ADDITIVE BID A, B, AND C.

BASE BID:

- "A" LINE FROM STA 1+00 TO STA 51+00
- "B" LINE
- SHORELINE RIPRAP REPAIR
- MARINA BLVD TRUCK ENTRANCE
- SPINNAKER WAY SERVICE ENTRANCE
- CONCRETE PADS FOR BIGBELLY RECEPTACLE NEAR LIMITS OF WORK (R03, R06-R11, AND R18-R24)
- "D" LINE (MARINA BLVD TRUCK ENTRANCE - "A" LINE STA 58+66 TO STA 60+66)

ADDITIVE BID A:

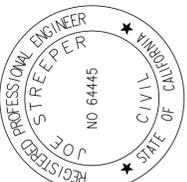
- "A" LINE FROM STA 51+00 TO 58+64
- PICNIC AREAS
- CONCRETE PADS FOR BIGBELLY RECEPTACLE NEAR LIMITS OF WORK (R14-R17)

ADDITIVE BID B:

- NW CORNER SITTING AREA

ADDITIVE BID C:

- BIGBELLY TRASH RECEPTACLE WITH CONCRETE PADS (R01, R05, R12, AND R13)



JOE STREPER, PE
DATE: 03-14-2025



CITY OF BERKELEY
PARKS, RECREATION & WATERFRONT
DEPARTMENT

DESIGNED BY: HG
DRAWN BY: EH
APPROVED BY: NELSON LAM
SUPERVISING CIVIL ENGINEER

CHECKED BY: JLS
APPROVAL REC'D:

CESAR CHAVEZ PARK PERIMETER
PATHWAY IMPROVEMENT PROJECT

TITLE

TOTAL SHEETS: 21
FILE No.: SCC.22-155
SHEET No.: **T-1**

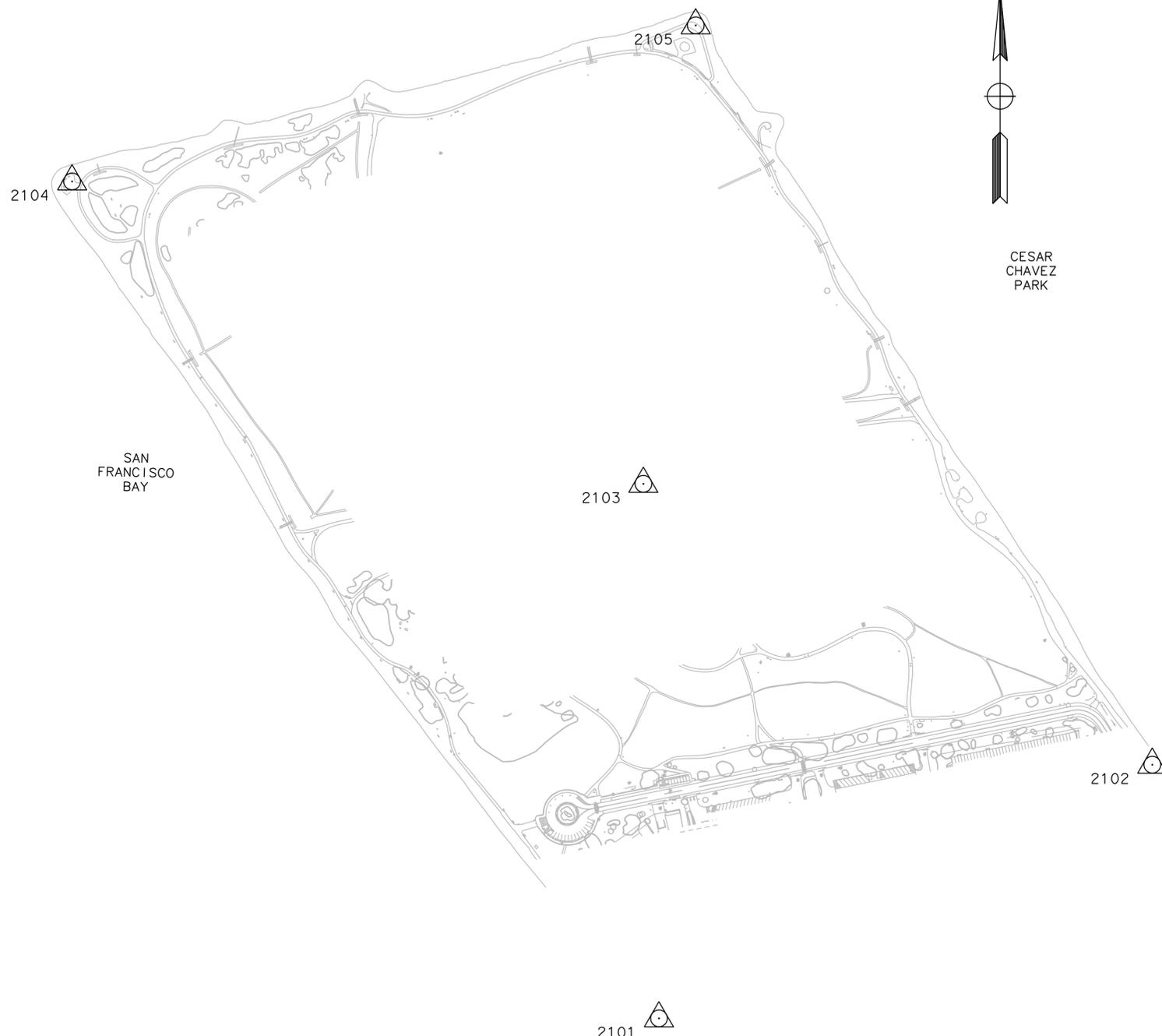
DATE: 03-14-2025
SCALE:

PROJ. NO.: PRWWF23004

REV.	DATE	DESCRIPTION	BY
1	4/7/25	ADDENDUM 2	EH

LEGEND:

 CONTROL POINT



PLAN

SURVEY CONTROL REPORT

DATUM STATEMENT

COORDINATES SHOWN ARE BASED ON NAD83 (2011), CCS83 ZONE 3 EPOCH 2017.50 AND ORTHOMETRIC HEIGHTS SHOWN ARE NAVD 88 VALUES BASED ON SCRIPPS ORBIT AND PERMANENT ARRAY CENTER (SOPAC) / CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) HORIZONTAL CONTINUOUSLY OPERATING BASE STATIONS AND NATIONAL GEODETIC SURVEY (NGS) VERTICAL CONTROL POINTS. COORDINATES AND ELEVATIONS ARE IN U.S. SURVEY FEET.

HORIZONTAL AND VERTICAL CONTROL

THE HORIZONTAL AND VERTICAL CONTROL WAS ESTABLISHED UTILIZING GPS FAST STATIC AND GPS RTK METHODS. GPS DATA WAS COLLECTED WITH TRIMBLE GPS SYSTEM DUAL FREQUENCY, DUAL P-CODE RECEIVERS OWNED AND OPERATED BY MARK THOMAS.

FAST STATIC SURVEY

THE PUBLISHED VALUES FOR THE CSRC CONTROL POINTS P224 (SIBLEYVOLCCN2005) AND WINT (WINT_BARD_CN1991) WERE HELD BOTH HORIZONTALLY AND VERTICALLY TO THIS NETWORK OF MEASUREMENTS.

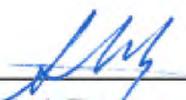
THE PUBLISHED VALUES FOR THE CSRC CONTROL POINT OHLN (OHLONE PARK) WAS HELD HORIZONTALLY ONLY TO THIS NETWORK OF MEASUREMENTS.

THE PUBLISHED VALUES FOR THE CSRC CONTROL POINT TIBB (TIBURON PENINSULA) WAS HELD VERTICALLY ONLY TO THIS NETWORK OF MEASUREMENTS.

SURVEY CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED UNDER MY PERSONAL DIRECTION AND DIRECT SUPERVISION.

MARK THOMAS & COMPANY, INC.


Sherrie J. Zimmerman, LS 8964
 Survey Manager



November 21, 2024
 Date

SURVEY CONTROL

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
2101	2143666.21	6036703.17	12.46	FLIGHT CROSS
2102	2144377.09	6038089.09	8.74	FLIGHT CROSS
2103	2145164.01	6036659.38	33.12	FLIGHT CROSS
2104	2146011.48	6035054.50	15.67	FLIGHT CROSS
2105	2146448.76	6036806.49	15.10	FLIGHT CROSS

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT
PROJECT CONTROL
 CITY OF BERKELEY PARKS, RECREATION & WATERFRONT DEPARTMENT
 DESIGNED BY: HG
 DRAWN BY: EH
 APPROVED BY: NELSON LAM SUPERVISING CIVIL ENGINEER
 CHECKED BY: JLS
 APPROVAL REC'D:
 DATE: 03-14-2025
 SCALE: 1" = 200'
 TOTAL SHEETS: 21
 FILE No.: SCC 22-155
 SHEET No.: **PC-1**

MARK THOMAS

NOTE:

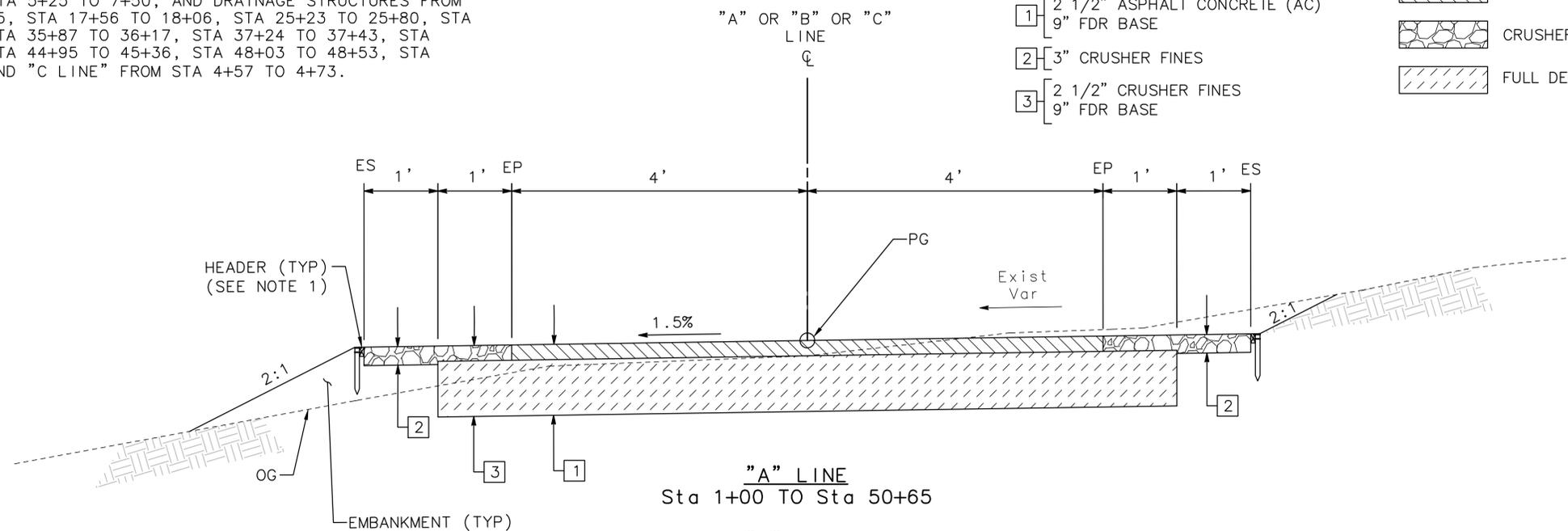
1. HEADER BOARDS ARE OMITTED ON THE OUTWARD SIDE OF THE TRAIL DUE TO RIPRAP BOULDERS FROM "A LINE" STA 1+21 TO 2+22, DENSE VEGETATION FROM STA 5+25 TO 7+50, AND DRAINAGE STRUCTURES FROM STA 12+26 TO 12+65, STA 17+56 TO 18+06, STA 25+23 TO 25+80, STA 28+94 TO 29+48, STA 35+87 TO 36+17, STA 37+24 TO 37+43, STA 42+13 TO 42+76, STA 44+95 TO 45+36, STA 48+03 TO 48+53, STA 50+06 TO 50+44, AND "C LINE" FROM STA 4+57 TO 4+73.

TYPICAL PAVEMENT STRUCTURAL SECTIONS:

- 1 [2 1/2" ASPHALT CONCRETE (AC)
9" FDR BASE
- 2 [3" CRUSHER FINES
- 3 [2 1/2" CRUSHER FINES
9" FDR BASE

LEGEND:

- ASPHALT CONCRETE (AC)
- CRUSHER FINES
- FULL DEPTH RECLAMATION (FDR)

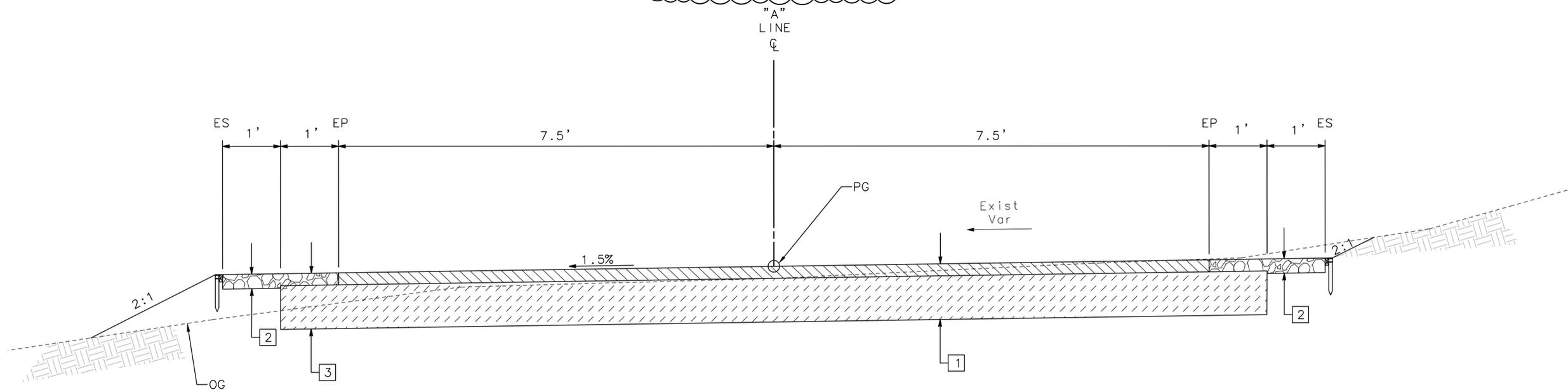


"A" LINE
Sta 1+00 TO Sta 50+65

"B" LINE
Sta 59+43 TO Sta 74+35

"C" LINE
Sta 1+00 TO Sta 6+42

"D" LINE 1
Sta 60+15 TO Sta 61+27



"A" LINE
Sta 52+02 TO Sta 60+66

**CESAR CHAVEZ PARK PERIMETER
PATHWAY IMPROVEMENT PROJECT**

TYPICAL SECTIONS

TOTAL SHEETS: 21
FILE No.: SCC-22-155

SHEET No. **X-1**

SCALE: 1" = 1'

DATE: 03-14-2025

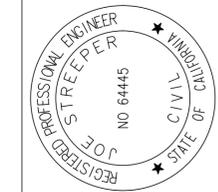
**CITY OF BERKELEY
PARKS, RECREATION & WATERFRONT
DEPARTMENT**

DESIGNED BY: HG
DRAWN BY: EH
CHECKED BY: JLS
APPROVAL REC'D:

APPROVED BY: **NELSON LAM**
SUPERVISING CIVIL ENGINEER

PROJ. NO.: PRW1723004

REV.	DATE	DESCRIPTION	BY
1	4/7/25	ADDENDUM 2	EH



JOE STREPPER, PE

DATE: 03-14-2025

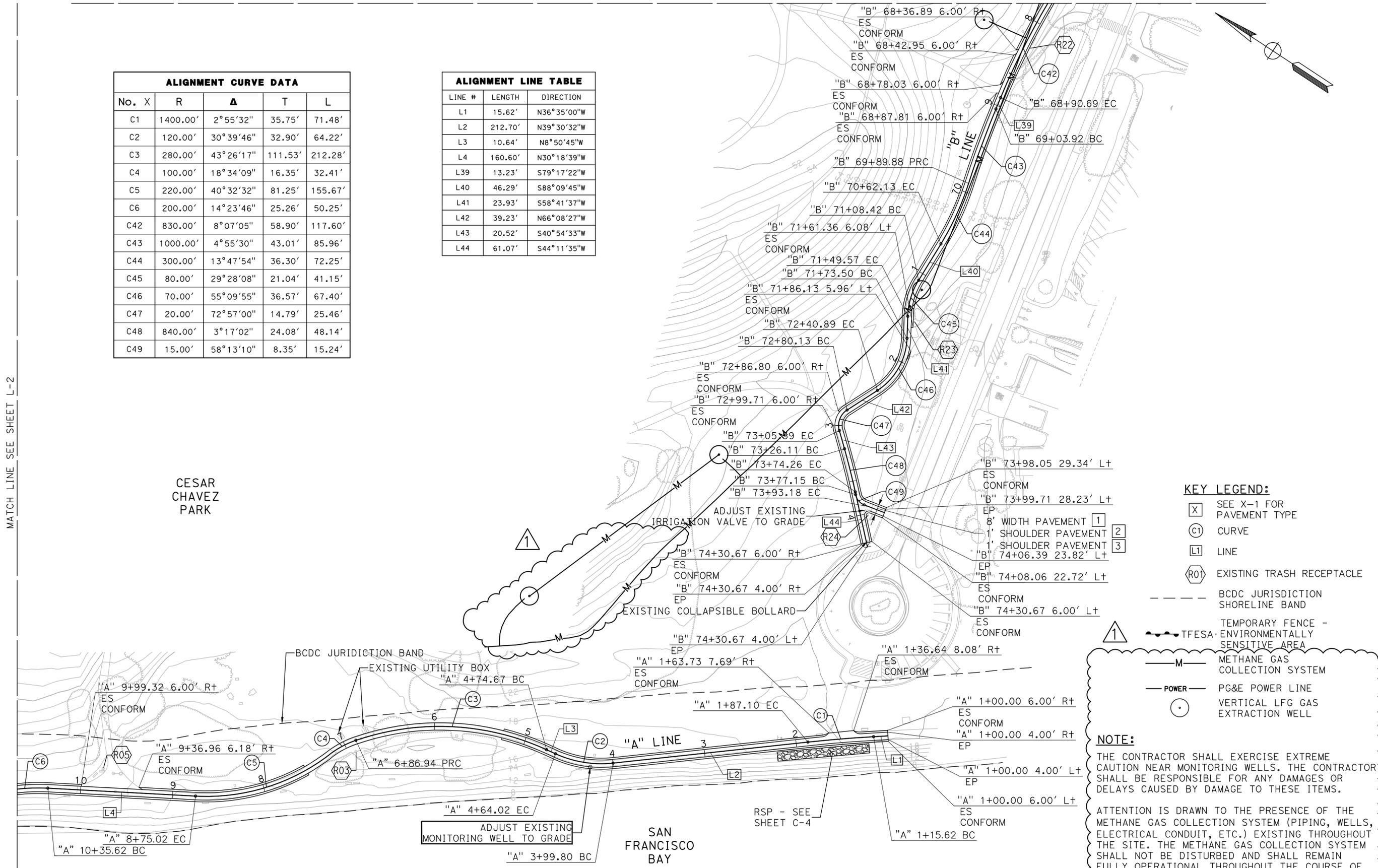


MATCH LINE SEE SHEET L-4

ALIGNMENT CURVE DATA				
No. X	R	Δ	T	L
C1	1400.00'	2°55'32"	35.75'	71.48'
C2	120.00'	30°39'46"	32.90'	64.22'
C3	280.00'	43°26'17"	111.53'	212.28'
C4	100.00'	18°34'09"	16.35'	32.41'
C5	220.00'	40°32'32"	81.25'	155.67'
C6	200.00'	14°23'46"	25.26'	50.25'
C42	830.00'	8°07'05"	58.90'	117.60'
C43	1000.00'	4°55'30"	43.01'	85.96'
C44	300.00'	13°47'54"	36.30'	72.25'
C45	80.00'	29°28'08"	21.04'	41.15'
C46	70.00'	55°09'55"	36.57'	67.40'
C47	20.00'	72°57'00"	14.79'	25.46'
C48	840.00'	3°17'02"	24.08'	48.14'
C49	15.00'	58°13'10"	8.35'	15.24'

ALIGNMENT LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	15.62'	N36°35'00"W
L2	212.70'	N39°30'32"W
L3	10.64'	N8°50'45"W
L4	160.60'	N30°18'39"W
L39	13.23'	S79°17'22"W
L40	46.29'	S88°09'45"W
L41	23.93'	S58°41'37"W
L42	39.23'	N66°08'27"W
L43	20.52'	S40°54'33"W
L44	61.07'	S44°11'35"W

MATCH LINE SEE SHEET L-2



KEY LEGEND:

- X SEE X-1 FOR PAVEMENT TYPE
- C1 CURVE
- L1 LINE
- R01 EXISTING TRASH RECEPTACLE
- BCDC JURISDICTION SHORELINE BAND
- TFESA - ENVIRONMENTALLY SENSITIVE AREA
- M METHANE GAS COLLECTION SYSTEM
- POWER PG&E POWER LINE
- VERTICAL LFG GAS EXTRACTION WELL

NOTE:

THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION NEAR MONITORING WELLS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES OR DELAYS CAUSED BY DAMAGE TO THESE ITEMS.

ATTENTION IS DRAWN TO THE PRESENCE OF THE METHANE GAS COLLECTION SYSTEM (PIPING, WELLS, ELECTRICAL CONDUIT, ETC.) EXISTING THROUGHOUT THE SITE. THE METHANE GAS COLLECTION SYSTEM SHALL NOT BE DISTURBED AND SHALL REMAIN FULLY OPERATIONAL THROUGHOUT THE COURSE OF THE WORK.

ALL ITEMS ON THIS SHEET ARE BASE BID ITEMS, UNLESS OTHERWISE NOTED.

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT

LAYOUT

CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT DEPARTMENT

CHECKED BY: JLS
 APPROVAL REC'D:

DESIGNED BY: HG
 DRAWN BY: EH

APPROVED BY: NELSON LAM
 SUPERVISING CIVIL ENGINEER

PROJ. NO.: PRW1723004
 DATE: 03-14-2025

TOTAL SHEETS: 21
 FILE NO.: SCC 22-155
 SCALE: 1" = 50'

SHEET NO.: L-1

JOE STREPPER
 REGISTERED PROFESSIONAL ENGINEER
 NO. 64445
 CIVIL
 STATE OF CALIFORNIA

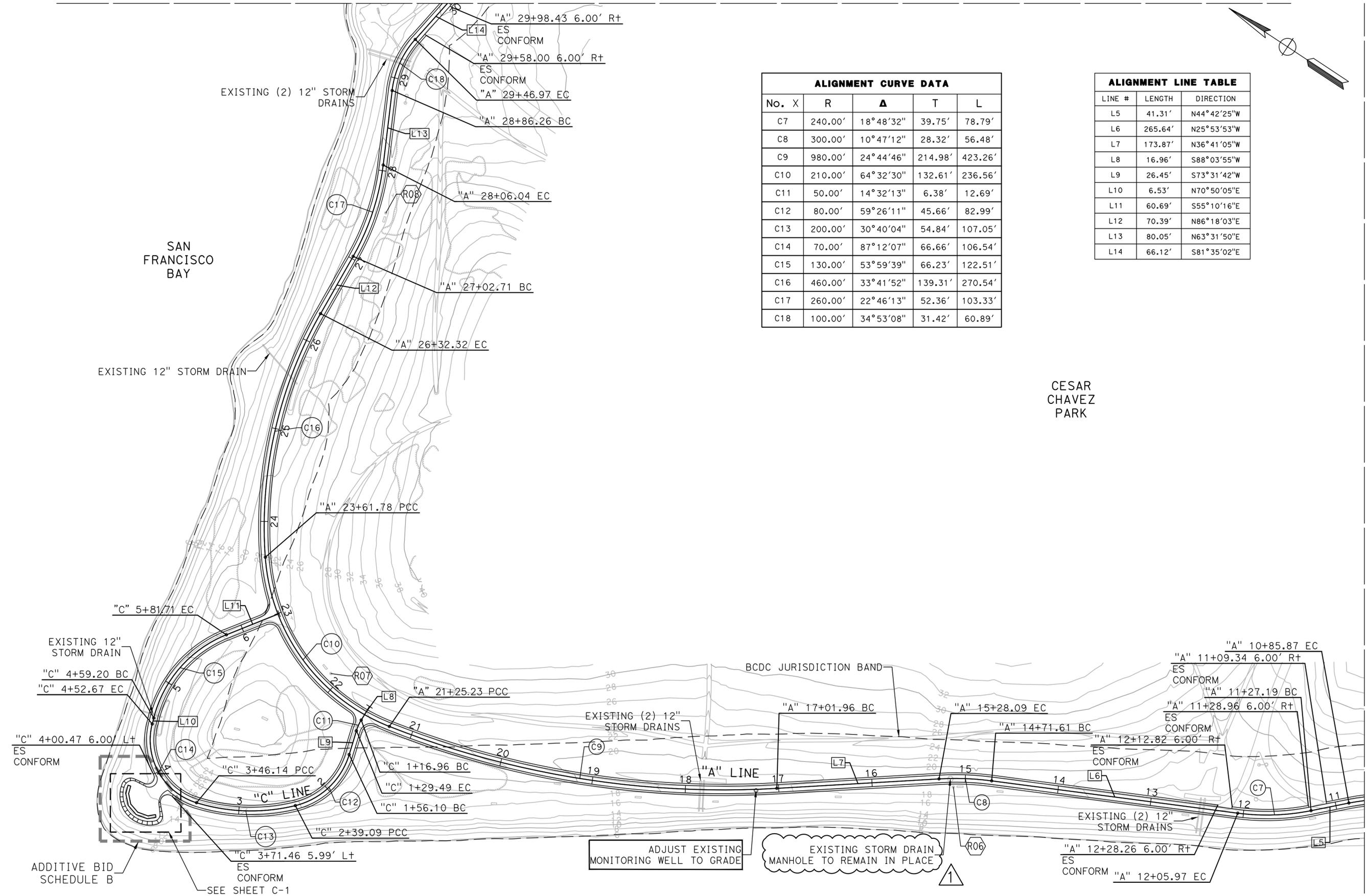
DATE: 03-14-2025

JOE STREPPER, PE

ADDENDUM 2
 DESCRIPTION
 REV. DATE

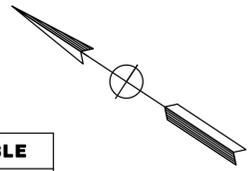
MARK THOMAS

MATCH LINE SEE SHEET L-3



ALIGNMENT CURVE DATA				
No. X	R	Δ	T	L
C7	240.00'	18°48'32"	39.75'	78.79'
C8	300.00'	10°47'12"	28.32'	56.48'
C9	980.00'	24°44'46"	214.98'	423.26'
C10	210.00'	64°32'30"	132.61'	236.56'
C11	50.00'	14°32'13"	6.38'	12.69'
C12	80.00'	59°26'11"	45.66'	82.99'
C13	200.00'	30°40'04"	54.84'	107.05'
C14	70.00'	87°12'07"	66.66'	106.54'
C15	130.00'	53°59'39"	66.23'	122.51'
C16	460.00'	33°41'52"	139.31'	270.54'
C17	260.00'	22°46'13"	52.36'	103.33'
C18	100.00'	34°53'08"	31.42'	60.89'

ALIGNMENT LINE TABLE		
LINE #	LENGTH	DIRECTION
L5	41.31'	N44°42'25"W
L6	265.64'	N25°53'53"W
L7	173.87'	N36°41'05"W
L8	16.96'	S88°03'55"W
L9	26.45'	S73°31'42"W
L10	6.53'	N70°50'05"E
L11	60.69'	S55°10'16"E
L12	70.39'	N86°18'03"E
L13	80.05'	N63°31'50"E
L14	66.12'	S81°35'02"E



CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT

LAYOUT

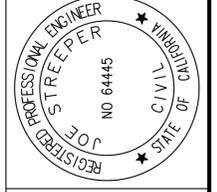
TOTAL SHEETS: 21
FILE No.: SCC-22-155
SCALE: 1" = 50'
DATE: 03-14-2025
PROJ. NO.: PRW723004

CITY OF BERKELEY
PARKS, RECREATION & WATERFRONT DEPARTMENT

DESIGNED BY: HG
DRAWN BY: EH
APPROVED BY: NELSON LAM
SUPERVISING CIVIL ENGINEER

CHECKED BY: JLS
APPROVAL REC'D:

REV.	DATE	DESCRIPTION	BY
Δ	4/7/25	ADDENDUM 2	EH



DATE: 03-14-2025

JOE STREPER, PE



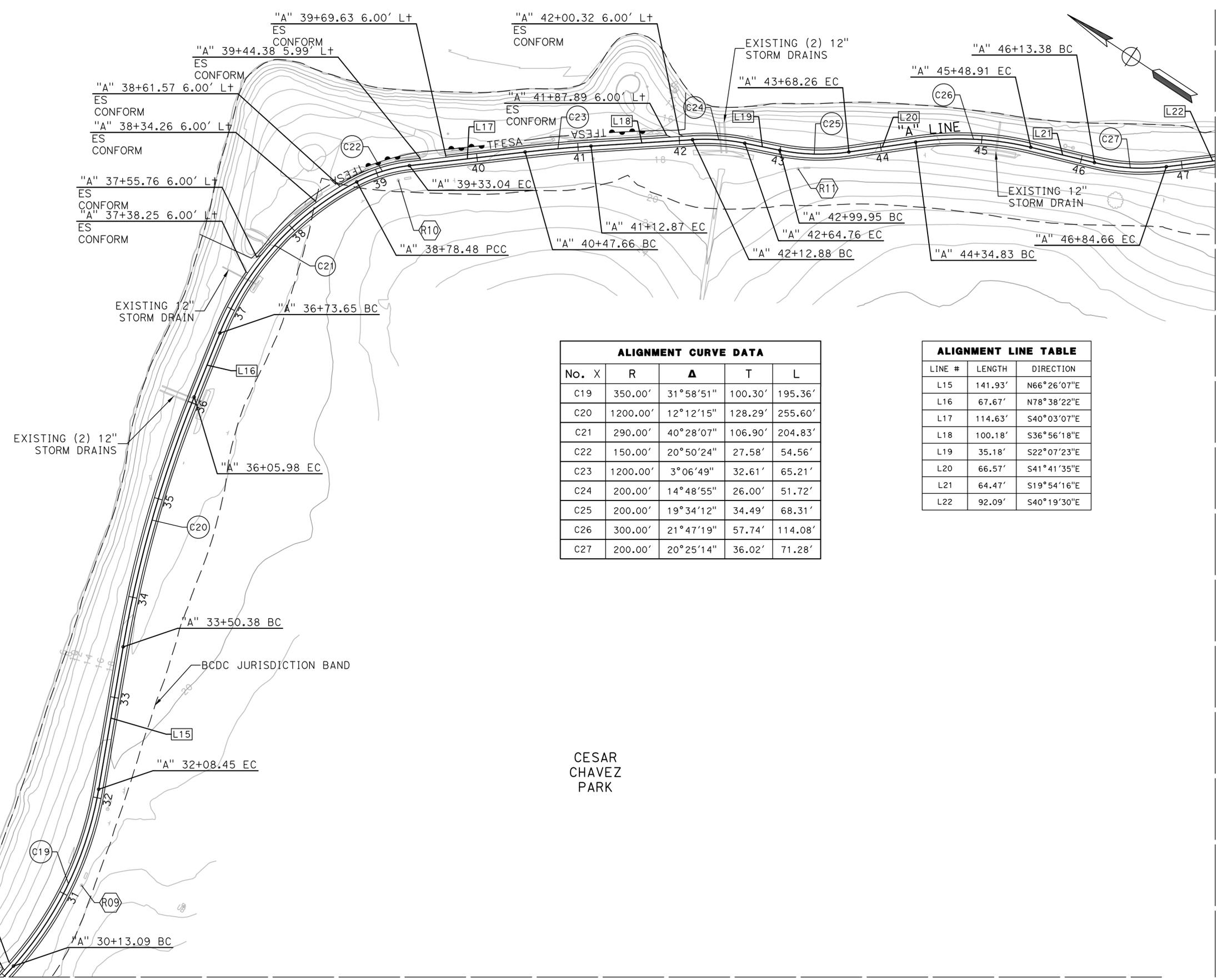
ALL ITEMS ON THIS SHEET ARE BASE BID ITEMS, UNLESS OTHERWISE NOTED.

j:\Berkeley-23-00360-Cesar Chavez Park Pathway\CADD\Sheets\CCP_L.dwg 08 Apr 2025 6:05:29pm ehung

MATCH LINE SEE SHEET L-1

J:\Berkeley-23-00360-Cesar Chavez Park Pathway\CADD\Sheets\CCP_L.dwg 08 Apr 2025 6:05:48pm ehuang

SAN FRANCISCO BAY



ALIGNMENT CURVE DATA

No. X	R	Δ	T	L
C19	350.00'	31°58'51"	100.30'	195.36'
C20	1200.00'	12°12'15"	128.29'	255.60'
C21	290.00'	40°28'07"	106.90'	204.83'
C22	150.00'	20°50'24"	27.58'	54.56'
C23	1200.00'	3°06'49"	32.61'	65.21'
C24	200.00'	14°48'55"	26.00'	51.72'
C25	200.00'	19°34'12"	34.49'	68.31'
C26	300.00'	21°47'19"	57.74'	114.08'
C27	200.00'	20°25'14"	36.02'	71.28'

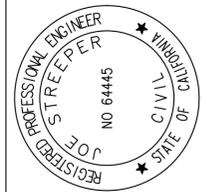
ALIGNMENT LINE TABLE

LINE #	LENGTH	DIRECTION
L15	141.93'	N66°26'07"E
L16	67.67'	N78°38'22"E
L17	114.63'	S40°03'07"E
L18	100.18'	S36°56'18"E
L19	35.18'	S22°07'23"E
L20	66.57'	S41°41'35"E
L21	64.47'	S19°54'16"E
L22	92.09'	S40°19'30"E

ALL ITEMS ON THIS SHEET ARE BASE BID ITEMS, UNLESS OTHERWISE NOTED.

MATCH LINE SEE SHEET L-2

MATCH LINE SEE SHEET L-4




JOE STREPER, PE
 03-14-2025
 DATE



CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT DEPARTMENT

DESIGNED BY: HG
 DRAWN BY: EH
 CHECKED BY: JLS
 APPROVED BY: NELSON LAM
 SUPERVISING CIVIL ENGINEER

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT

LAYOUT

TOTAL SHEETS: 21
 FILE No.: SCC-22-155
 SCALE: 1" = 50'
 DATE: 03-14-2025

SHEET No. **L-3**

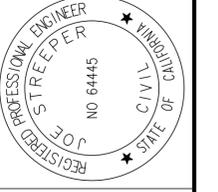
CITY OF BERKELEY
PARKS, RECREATION & WATERFRONT DEPARTMENT

DESIGNED BY: HG
DRAWN BY: EH
APPROVED BY: NELSON LAM
SUPERVISING CIVIL ENGINEER

CHECKED BY: JLS
APPROVAL REC'D:

PROJ. NO.: PRPW23004
DATE: 03-14-2025

REV.	DATE	DESCRIPTION	BY
1	4/7/25	ADDENDUM 2	EH



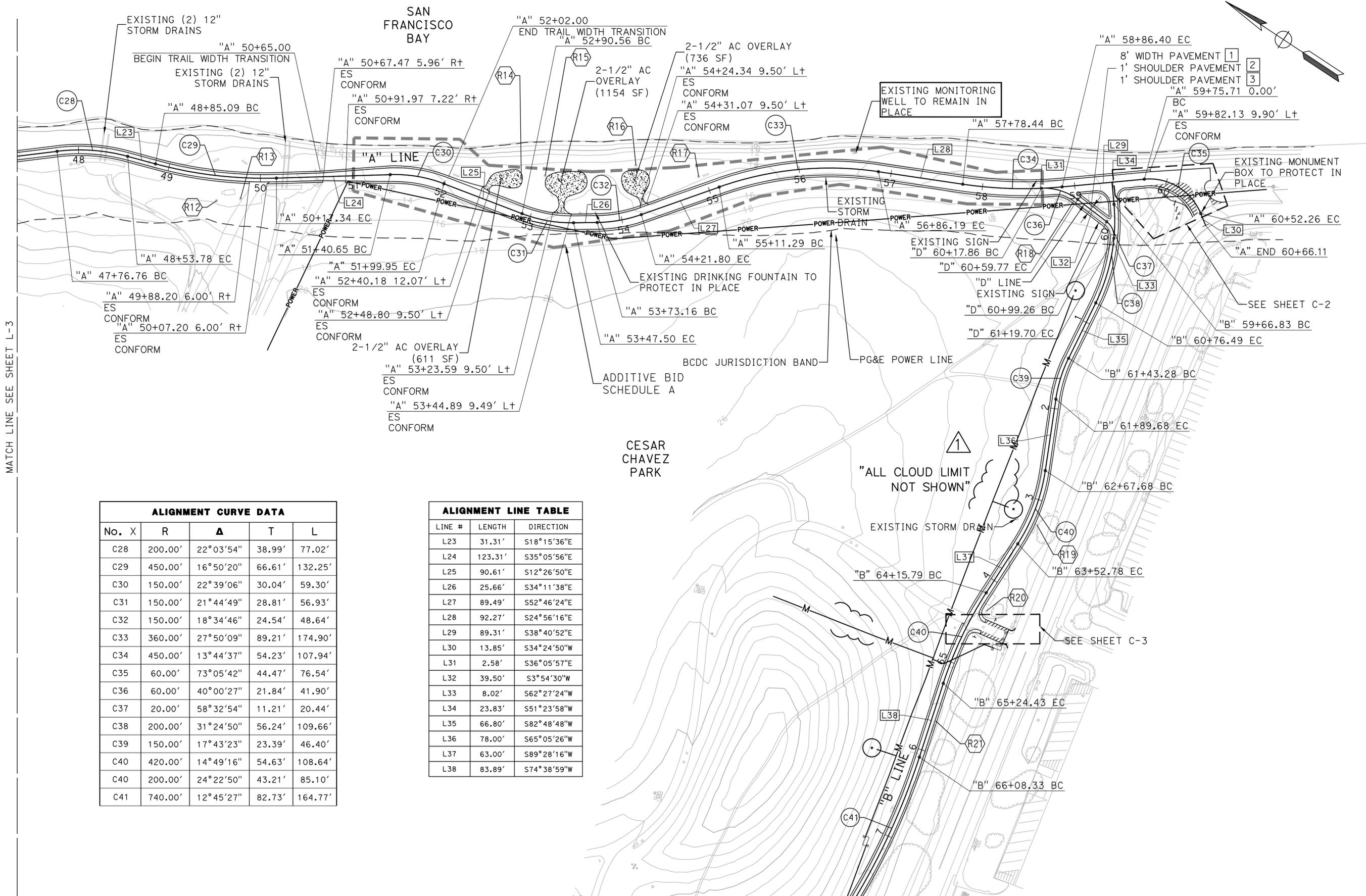
REGISTERED PROFESSIONAL ENGINEER
JOE STREPPER
NO 64445
CIVIL
STATE OF CALIFORNIA

DATE: 03-14-2025
DATE

JOE STREPPER, PE



MATCH LINE SEE SHEET L-3

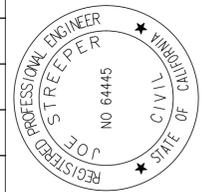


ALIGNMENT CURVE DATA				
No. X	R	Δ	T	L
C28	200.00'	22°03'54"	38.99'	77.02'
C29	450.00'	16°50'20"	66.61'	132.25'
C30	150.00'	22°39'06"	30.04'	59.30'
C31	150.00'	21°44'49"	28.81'	56.93'
C32	150.00'	18°34'46"	24.54'	48.64'
C33	360.00'	27°50'09"	89.21'	174.90'
C34	450.00'	13°44'37"	54.23'	107.94'
C35	60.00'	73°05'42"	44.47'	76.54'
C36	60.00'	40°00'27"	21.84'	41.90'
C37	20.00'	58°32'54"	11.21'	20.44'
C38	200.00'	31°24'50"	56.24'	109.66'
C39	150.00'	17°43'23"	23.39'	46.40'
C40	420.00'	14°49'16"	54.63'	108.64'
C40	200.00'	24°22'50"	43.21'	85.10'
C41	740.00'	12°45'27"	82.73'	164.77'

ALIGNMENT LINE TABLE		
LINE #	LENGTH	DIRECTION
L23	31.31'	S18°15'36"E
L24	123.31'	S35°05'56"E
L25	90.61'	S12°26'50"E
L26	25.66'	S34°11'38"E
L27	89.49'	S52°46'24"E
L28	92.27'	S24°56'16"E
L29	89.31'	S38°40'52"E
L30	13.85'	S34°24'50"W
L31	2.58'	S36°05'57"E
L32	39.50'	S3°54'30"W
L33	8.02'	S62°27'24"W
L34	23.83'	S51°23'58"W
L35	66.80'	S82°48'48"W
L36	78.00'	S65°05'26"W
L37	63.00'	S89°28'16"W
L38	83.89'	S74°38'59"W

ALL ITEMS ON THIS SHEET ARE BASE BID ITEMS, UNLESS OTHERWISE NOTED.

MATCH LINE SEE SHEET L-1



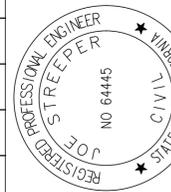
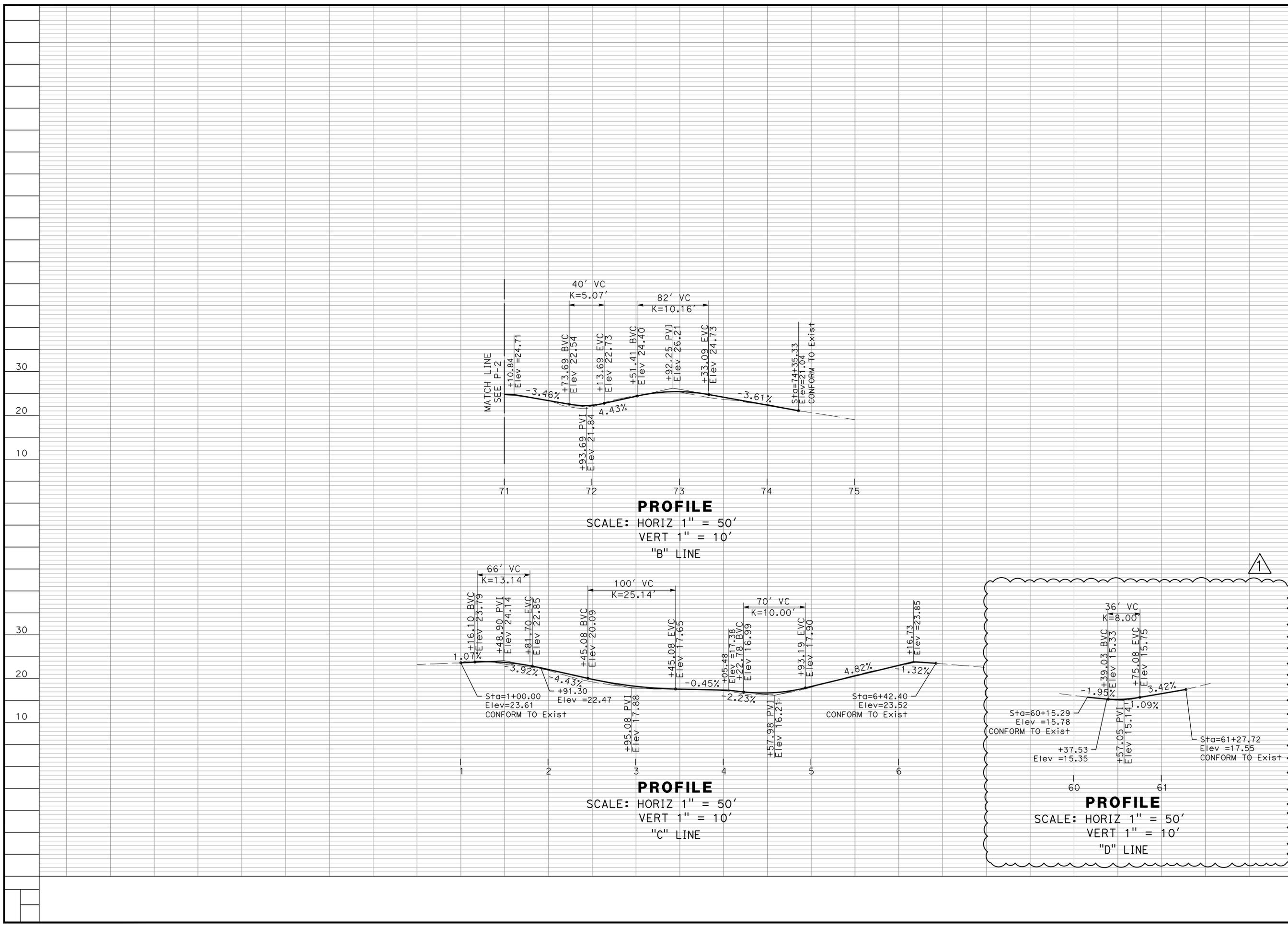
DESIGNED BY: HG	CHECKED BY: JLS
DRAWN BY: EH	APPROVAL REC'D:
APPROVED BY: NELSON LAM	
SUPERVISING CIVIL ENGINEER	
PROJ. NO.: PRW23004	DATE: 03-14-2025
BY:	SCALE:
DESCRIPTION:	TOTAL SHEETS: 21
REV. DATE:	FILE No.: SCC-22-155
	SHEET No. P-1

JOE STREEP, PE
03-14-2025
DATE

MARK THOMAS

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT

PROFILE



JOE STREPER, PE
 03-14-2025 DATE



CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT DEPARTMENT

DESIGNED BY: HG
 DRAWN BY: EH
 CHECKED BY: JLS
 APPROVAL REC'D: NELSON LAM
 SUPERVISING CIVIL ENGINEER

PROJ. NO.: PRWF23004
 DATE: 03-14-2025
 SCALE:

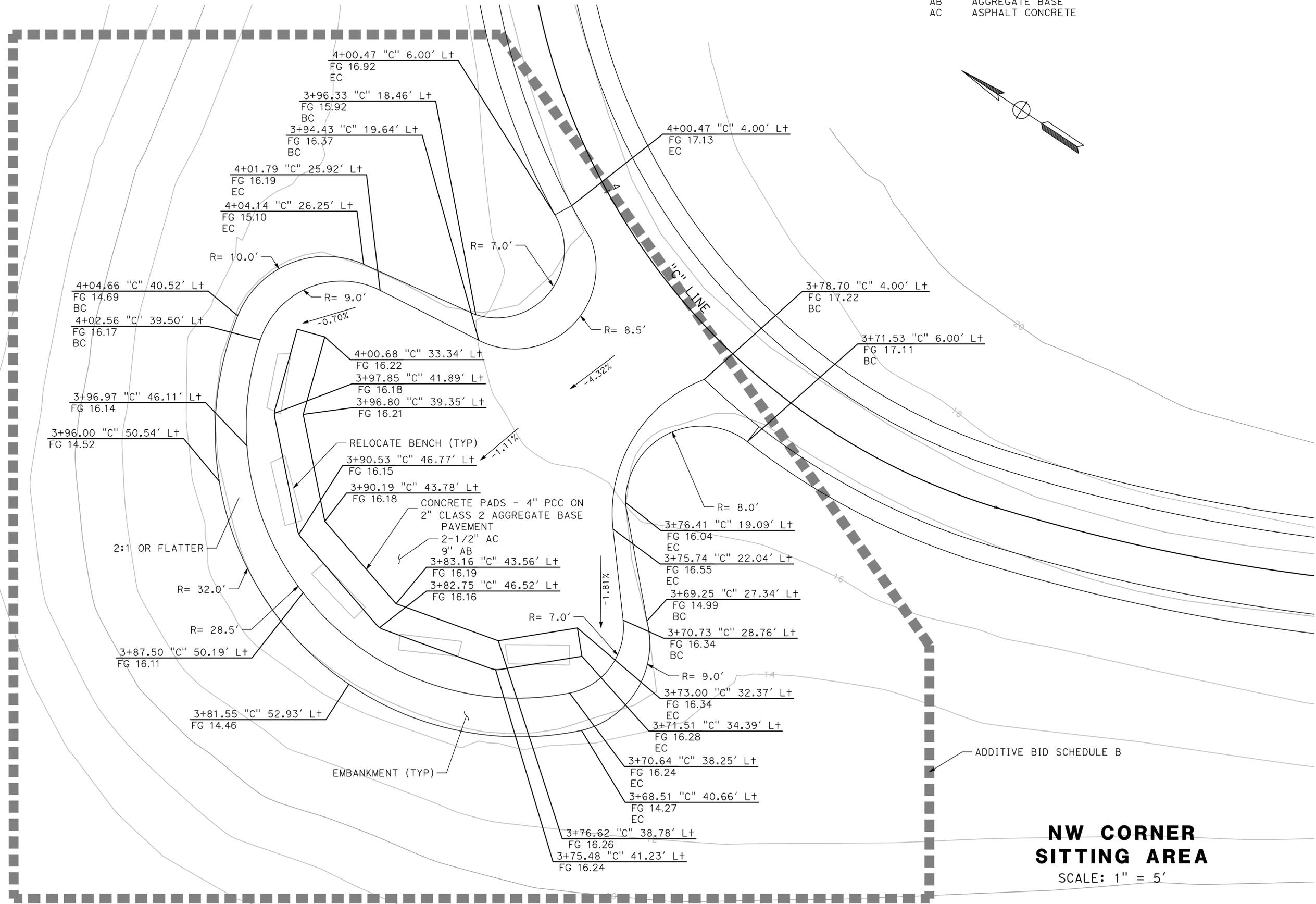
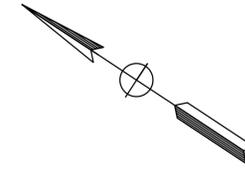
CESAR CHAVEZ PARK PERIMETER
 PATHWAY IMPROVEMENT PROJECT

PROFILE

TOTAL SHEETS: 21
 FILE No.: SCC 22-155
 SHEET No.: P-3

REV.	DATE	DESCRIPTION	BY
1	4/7/25	ADDENDUM 2	EH

ABBREVIATIONS:
 AB AGGREGATE BASE
 AC ASPHALT CONCRETE



**NW CORNER
 SITTING AREA**
 SCALE: 1" = 5'

**CESAR CHAVEZ PARK PERIMETER
 PATHWAY IMPROVEMENT PROJECT**
**CONSTRUCTION
 DETAILS**

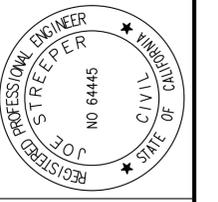
**CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT
 DEPARTMENT**

DESIGNED BY: HG
 DRAWN BY: MC
 CHECKED BY: JLS
 APPROVAL REC'D:

APPROVED BY: **NELSON LAM**
 SUPERVISING CIVIL ENGINEER

PROJ. NO.: PRW1723004
 DATE: 03-14-2025

REV.	DATE	DESCRIPTION	BY

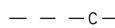


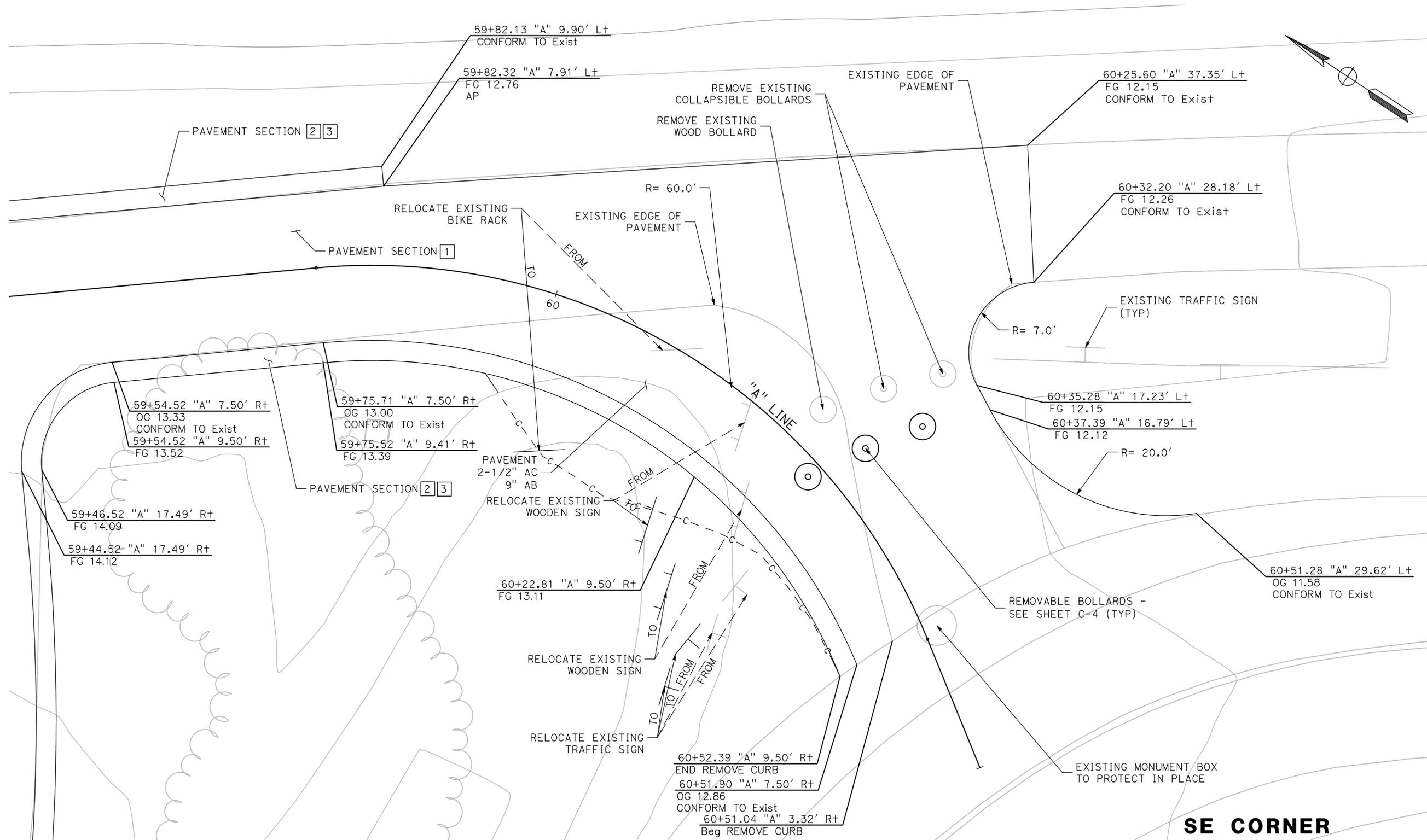
JOE STREPER, PE
 03-14-2025
 DATE

**MARK
 THOMAS**

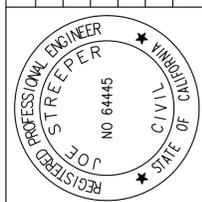
TOTAL SHEETS: 16
 FILE No.: SCC_22-155
 SCALE: 1" = 5'
 SHEET No. **C-1**

LEGEND:

-  NEW PAVING AREAS
-  CUT LINE

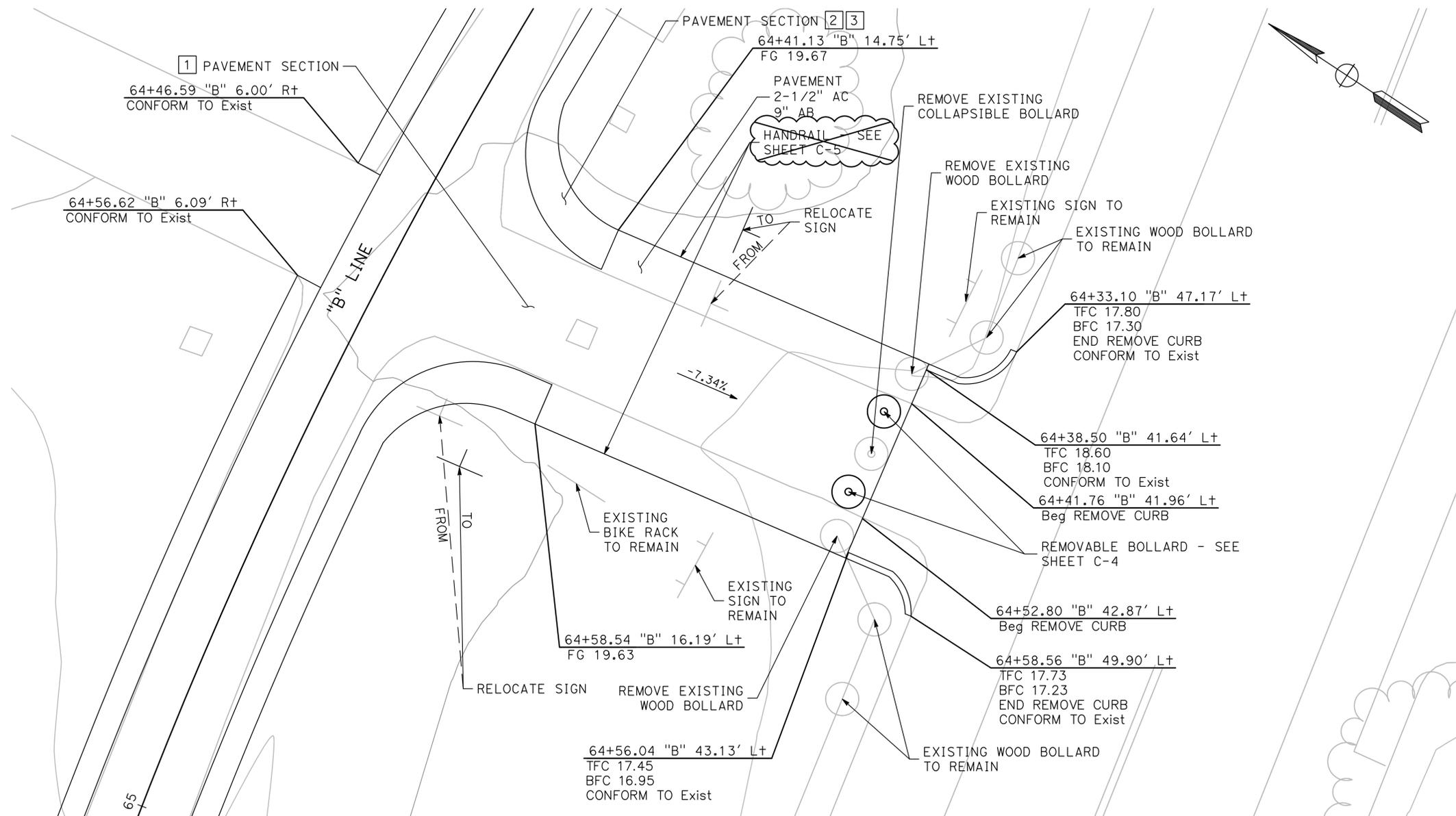


**SE CORNER
TRUCK ENTRANCE**
(BASE BID)
SCALE: 1" = 5'

CITY OF BERKELEY PARKS, RECREATION & WATERFRONT DEPARTMENT		CHECKED BY: JLS APPROVAL REC'D:	TOTAL SHEETS: 16 FILE No.: SCC 22-155
DESIGNED BY: HG	DRAWN BY: MC	APPROVED BY: NELSON LAM SUPERVISING CIVIL ENGINEER	DATE: 03-14-2025
PROJ. NO.: PRW723004	SCALE: 1" = 5'	SHEET No. C-2	
BY:	DESCRIPTION:		
REV.	DATE		
		DATE: 03-14-2025 JOE STREPPER, PE	
			

LEGEND:

 NEW PAVING AREAS

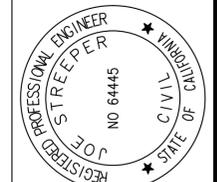


"B" 64+50
SERVICE VEHICLE
RAMP ENTRANCE
 (BASE BID)
 SCALE: 1" = 5'

CESAR CHAVEZ PARK PERIMETER
PATHWAY IMPROVEMENT PROJECT
CONSTRUCTION
DETAILS

CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT
 DEPARTMENT
 DESIGNED BY: HG
 DRAWN BY: MC
 CHECKED BY: JLS
 APPROVAL REC'D:

REV.	DATE	DESCRIPTION	BY
△	4/2/25	ADDENDUM 2	EH

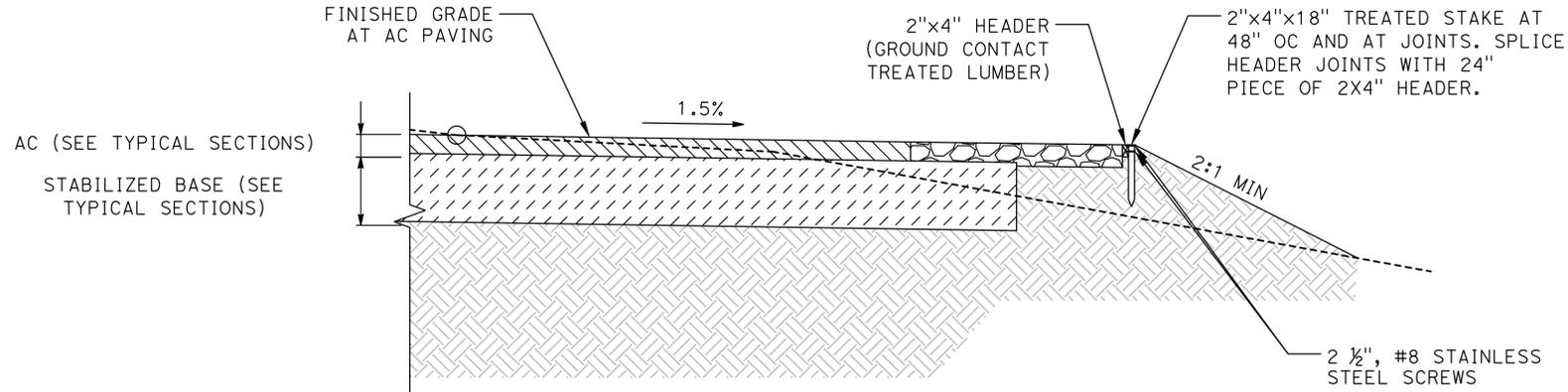


JOE STREPPER, PE
 03-14-2025
 DATE



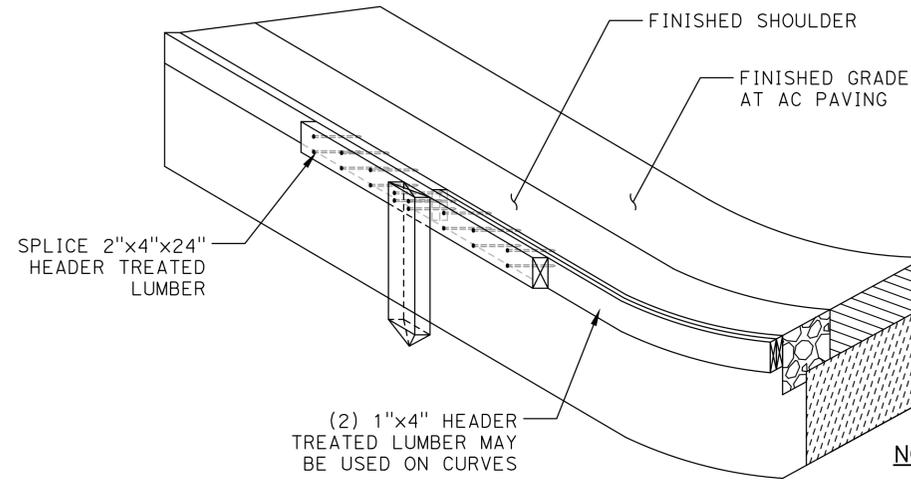
TOTAL SHEETS: 16
 FILE No.: SCC.22-155
 SCALE: 1" = 5'
 SHEET No. **C-3**

DATE: 03-14-2025
 PROJ. NO.: PRWV23004
 SUPERVISING CIVIL ENGINEER: NELSON LAM



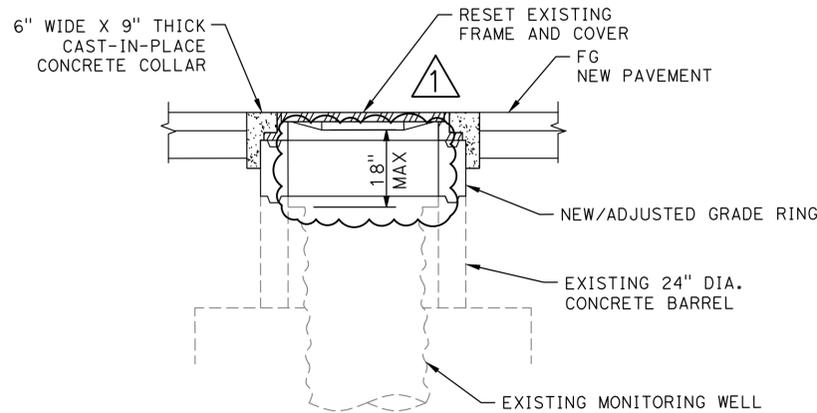
HEADER AT AC PAVING

NO SCALE



SPLICE DETAIL ON CURBS

NO SCALE

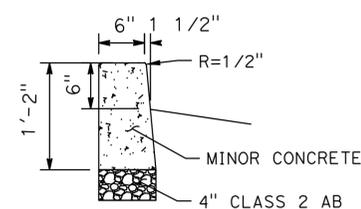


ADJUST MONITORING WELL

NO SCALE

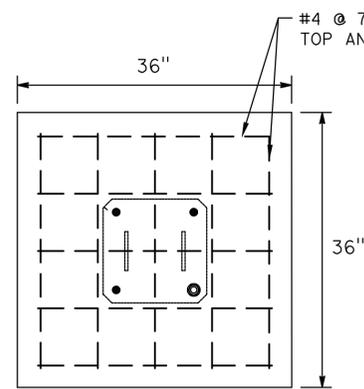
NOTES:

1. HEADER BOARD TO BE PLACED AT THE EDGE OF ALL AC SURFACING NOT ABUTTING CONCRETE.
2. FOR ROCK SLOPE PROTECTION, DIG OUT THE BARE EARTH AREAS TO PREPARE SUBGRADE. FILL IN WITH RSP AS NEEDED. THE LIMITS OF RSP WILL BE DETERMINED IN THE FIELD.

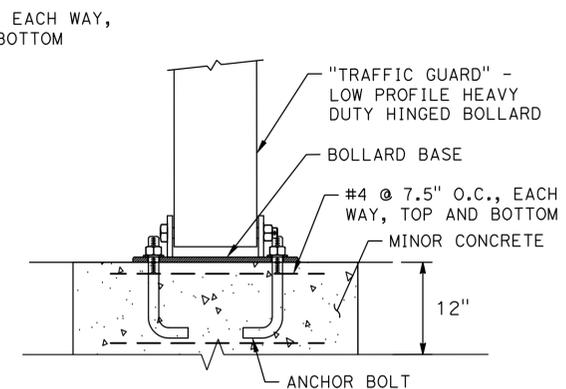


6" VERTICAL CURB

NO SCALE



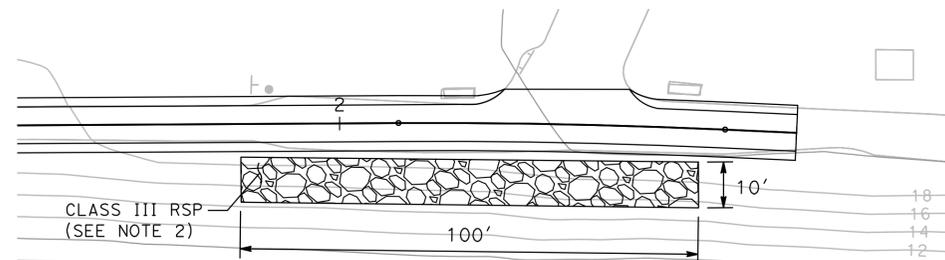
PLAN VIEW



ELEVATION VIEW

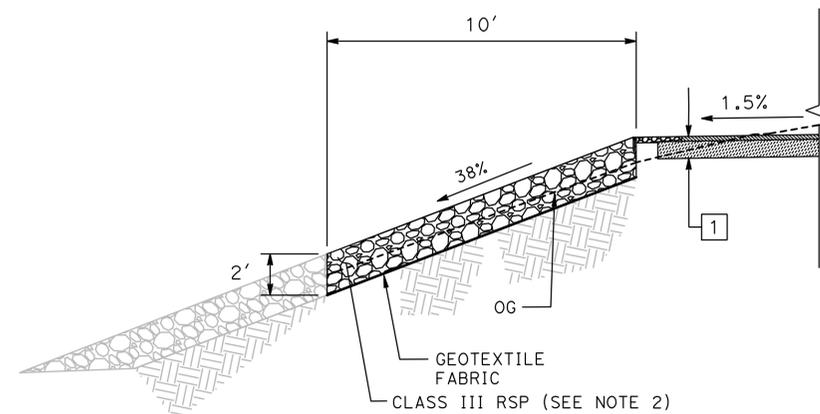
COLLAPSIBLE BOLLARD

NO SCALE



ROCK SLOPE PROTECTION PLAN

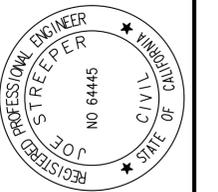
SCALE: 1" = 20'



ROCK SLOPE PROTECTION

NO SCALE

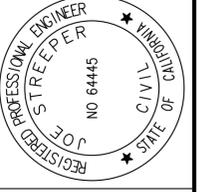
REV.	DATE	DESCRIPTION	BY
1	4/7/25	ADDENDUM 2	EH



DATE 03-14-2025
DATE
JOE STREPPER, PE
Joe Strepper



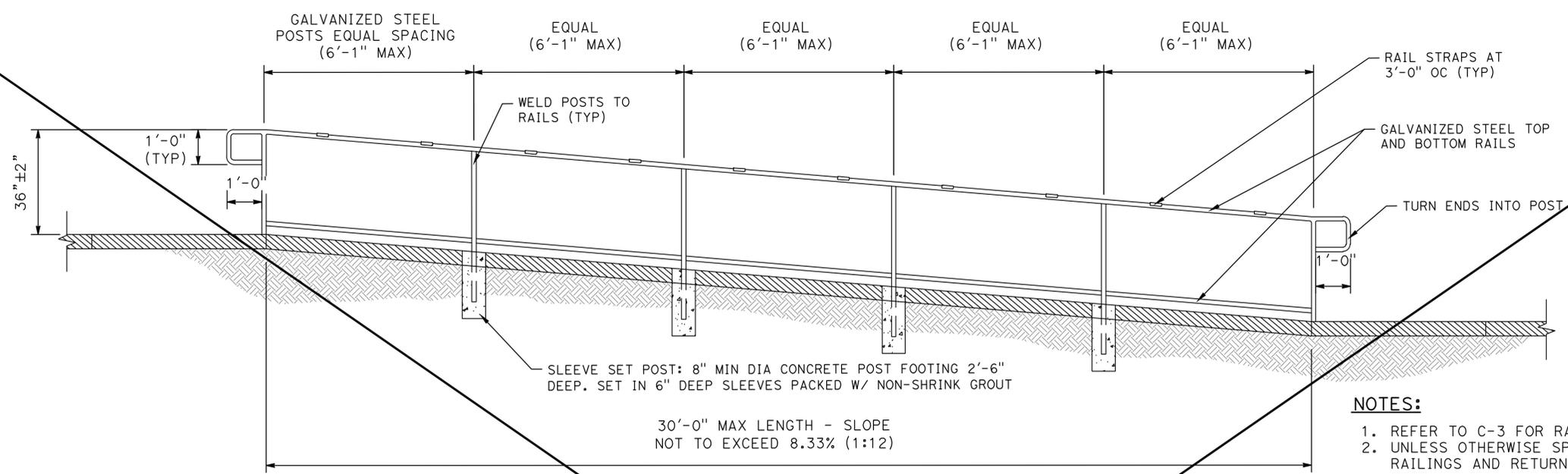
REV.	DATE	DESCRIPTION	BY
1	4/7/25	ADDENDUM 2	EH



REGISTERED PROFESSIONAL ENGINEER
JOE STREPPER
NO. 64445
CIVIL ENGINEER
STATE OF CALIFORNIA

DATE: 03-14-2025

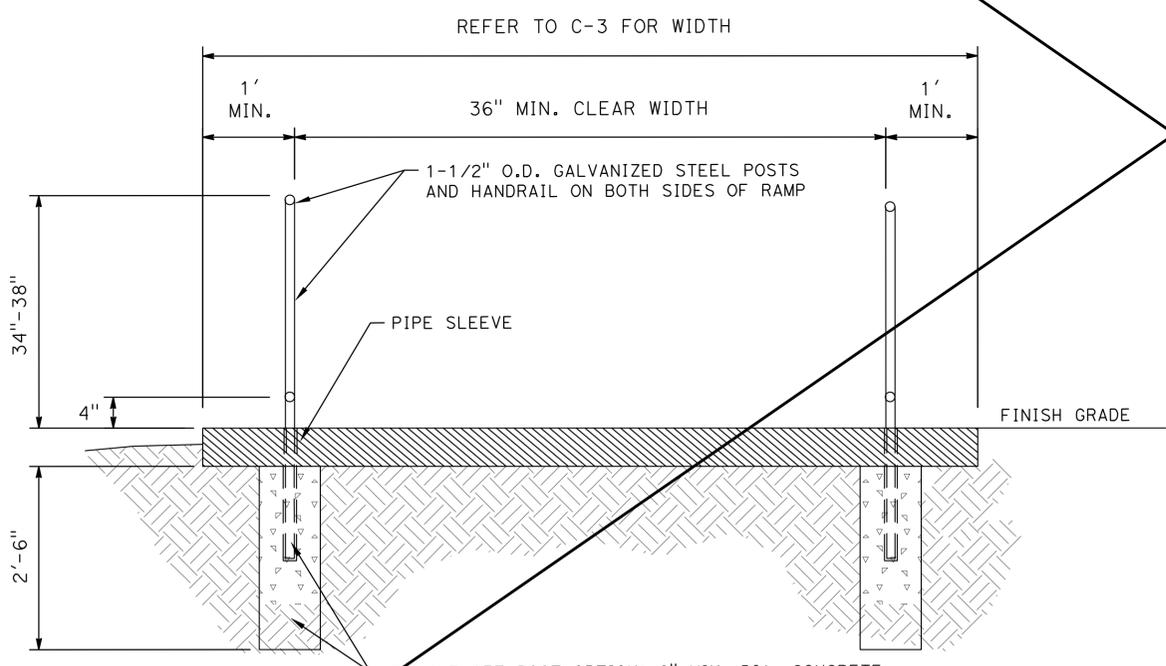
JOE STREPPER, PE



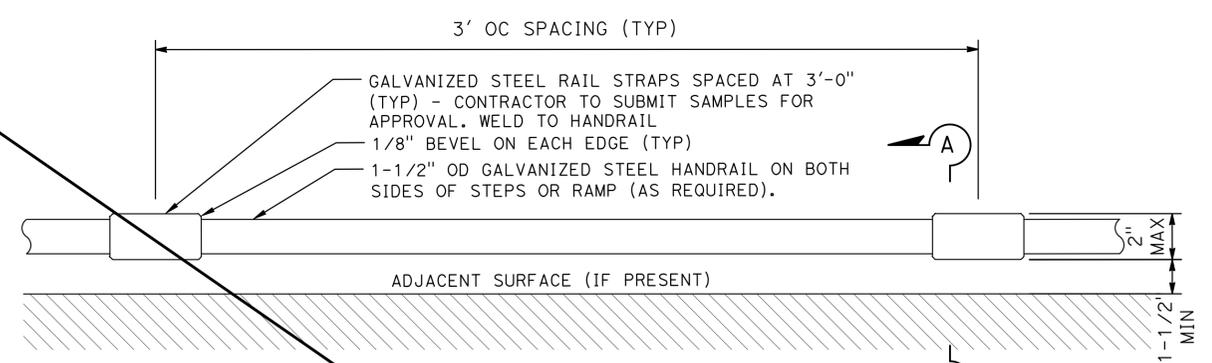
RAMP WITH HANDRAIL - SIDE SECTION
NO SCALE

NOTES:

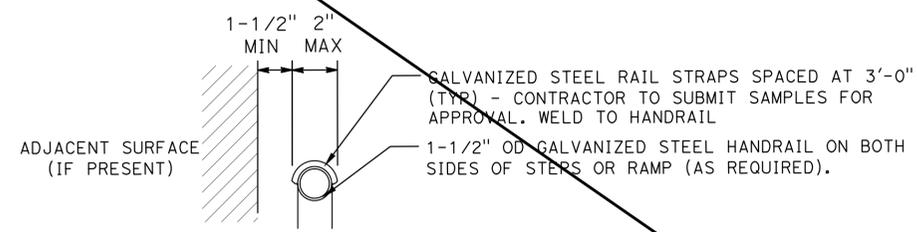
1. REFER TO C-3 FOR RAMP DIMENSIONS AND SLOPES.
2. UNLESS OTHERWISE SPECIFIED, ALL RAMP POSTS, HANDRAILS, RAILINGS AND RETURNS SHALL BE SCHEDULE 40 GALVANIZED STEEL.
3. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS BEFORE MANUFACTURING AND/OR INSTALLING HANDRAIL AND HANDRAIL STRAPS.
4. PROVIDE CONTINUOUS WELDS ALONG ALL EDGES OF HANDRAIL STRAP MEMBERS. GRIND SMOOTH ALL WELDS.
5. ALL STEEL POSTS AND HANDRAILS SHALL BE FLUSH AND FREE OF ALL DENTS, SPURS, AND SHARP EDGES AND SHALL BE INSTALLED LEVEL, PLUMB, AND SQUARE.



RAMP WITH HANDRAIL - END SECTION
NO SCALE



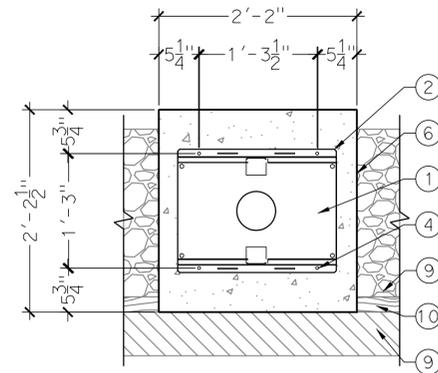
RAIL STRAP PLAN
NO SCALE



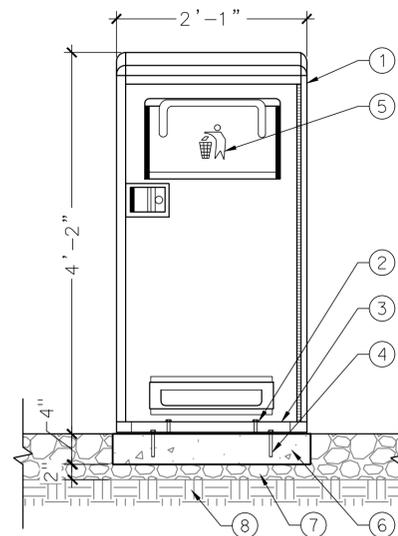
RAIL STRAP CROSS SECTION A-A
NO SCALE

NOTES:

- ① SEE MANUFACTURERS SPECS FOR MORE INFORMATION
- ② TRASH RECEPTACLES THAT ARE INSTALLED ONTO EXISTING ASPHALT ARE NOT REQUIRED TO HAVE A CONCRETE PAD



TYPICAL PLAN VIEW
ANCHOR LAYOUT
FOR CONCRETE PAD



TYPICAL ELEVATION

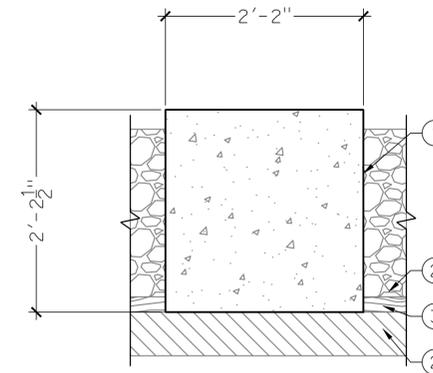
TRASH RECEPTACLE
1" = 1'-0"

KEY:

- ① BIGBELLY ELEMENT TRASH RECEPTACLE CONTACT NUMBER 617.340.6392
- ② STAINLESS STEEL BOLT WITH WASHER ATTACHED TO BASE PLATE
- ③ BASE PLATE
- ④ STAINLESS STEEL CONCRETE BOLT WITH WASHER, EMBEDDED 3" INTO CONCRETE
- ⑤ TRASH IMAGE LOCATION
- ⑥ CONCRETE PAD
- ⑦ AGGREGATE BASE
- ⑧ NATIVE SOIL
- ⑨ AC SEE PLAN
- ⑩ HEADER TYPICAL

NOTES:

- ① SEE MANUFACTURERS SPECS FOR MORE INFORMATION
- ② TRASH RECEPTACLES THAT ARE INSTALLED ONTO EXISTING ASPHALT ARE NOT REQUIRED TO HAVE A CONCRETE PAD



TYPICAL PLAN VIEW
ANCHOR LAYOUT
FOR CONCRETE PAD

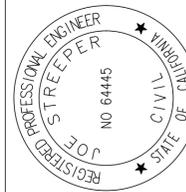
**TRASH RECEPTACLE
CONCRETE PAD**
1" = 1'-0"

KEY:

- ① CONCRETE PAD (4" CONCRETE, 2" AGGREGATE BASE)
- ② AC SEE PLAN
- ③ HEADER TYPICAL



JOE STREPER, PE
03-14-2025 DATE



REV.	DATE	DESCRIPTION	BY
1	4/7/25	ADDENDUM 2	EH

CITY OF BERKELEY
PARKS, RECREATION & WATERFRONT
DEPARTMENT

DESIGNED BY: HG
DRAWN BY: EH
APPROVED BY: NELSON LAM
SUPERVISING CIVIL ENGINEER

CHECKED BY: JLS
APPROVAL REC'D:

PROJ. NO.: PRW723004
DATE: 03-14-2025
SCALE: AS SHOWN

CESAR CHAVEZ PARK PERIMETER
PATHWAY IMPROVEMENT PROJECT
**CONSTRUCTION
DETAILS**

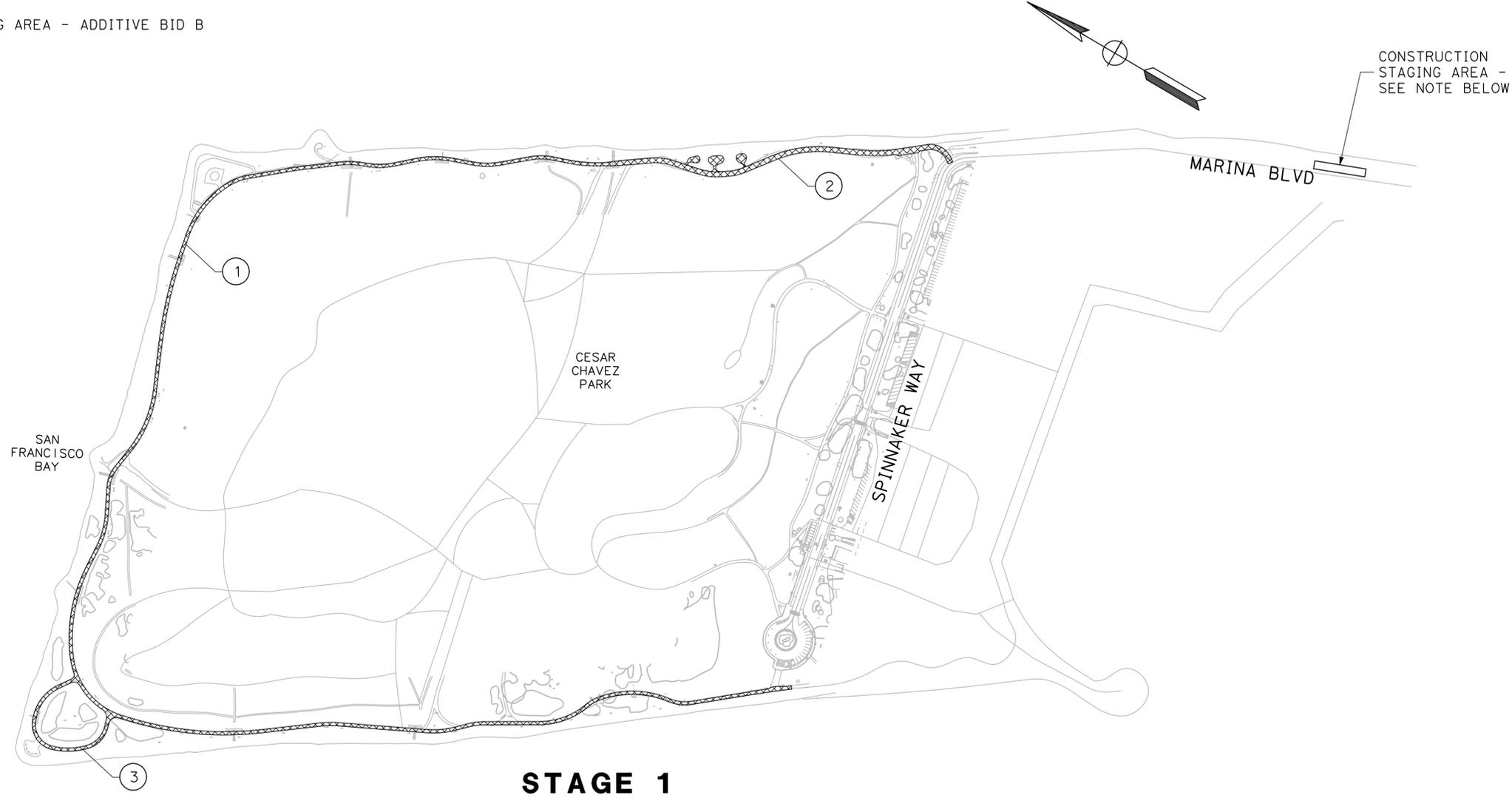
TOTAL SHEETS: 21
FILE No.: SCC 22-155
SHEET No.: **C-6**

LEGEND:

 CONSTRUCT THIS STAGE

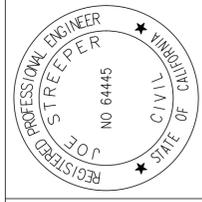
CONSTRUCT THIS STAGE:

- ① CONSTRUCT TRAIL - BASE BID
- ② CONSTRUCT TRAIL- ADDITIVE BID A
- ③ CONSTRUCT NORTHWEST VIEWING AREA - ADDITIVE BID B



STAGE 1

CONSTRUCTION STAGING AREA:
 CONTRACTOR SHALL INSTALL A STAGING AREA OF APPROXIMATE DIMENSIONS 60' X 200'. AREA SHALL BE SURROUNDED BY TEMPORARY K-RAIL AND AN EXTERIOR 6' TEMPORARY CHAIN LINK FENCE WITH SCREENING FABRIC. AREA SHALL BE 5' CLEAR FROM THE TRAFFIC STRIPE EDGE ON MARINA BOULEVARD.



Joe Streper
JOE STREPER, PE
 03-14-2025 **DATE**



CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT DEPARTMENT

DESIGNED BY: **HG**
 DRAWN BY: **EH**
 APPROVED BY: **NELSON LAM**
 SUPERVISING CIVIL ENGINEER

CHECKED BY: **JLS**
 APPROVAL REC'D:

DATE: 03-14-2025

PROJ. NO.: PRW23004

REV.	DATE	DESCRIPTION	BY

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT

STAGE CONSTRUCTION

SCALE: 1" = 200'
 TOTAL SHEETS: 21
 FILE No.: SCC-22-155
 SHEET No. **SC-1**

LEGEND:

-  CONSTRUCT THIS STAGE
-  CONSTRUCTED AT PREVIOUS STAGE

CONSTRUCT THIS STAGE:

- ① CONSTRUCT TRAIL - BASE BID



STAGE 2

CONSTRUCTION STAGING AREA:
 CONTRACTOR SHALL INSTALL A STAGING AREA OF APPROXIMATE DIMENSIONS 60' X 200'. AREA SHALL BE SURROUNDED BY TEMPORARY K-RAIL AND AN EXTERIOR 6' TEMPORARY CHAIN LINK FENCE WITH SCREENING FABRIC. AREA SHALL BE 5' CLEAR FROM THE TRAFFIC STRIPE EDGE ON MARINA BOULEVARD.



Joe Streper
JOE STREPER, PE
 03-14-2025
 DATE



CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT DEPARTMENT

DESIGNED BY: HG
 DRAWN BY: EH
 APPROVED BY: NELSON LAM
 SUPERVISING CIVIL ENGINEER

CHECKED BY: JLS
 APPROVAL REC'D:

PROJ. NO.: PRW23004

DATE: 03-14-2025

SCALE: 1" = 200'

TOTAL SHEETS: 21
 FILE No.: SCC-22-155

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT

STAGE CONSTRUCTION

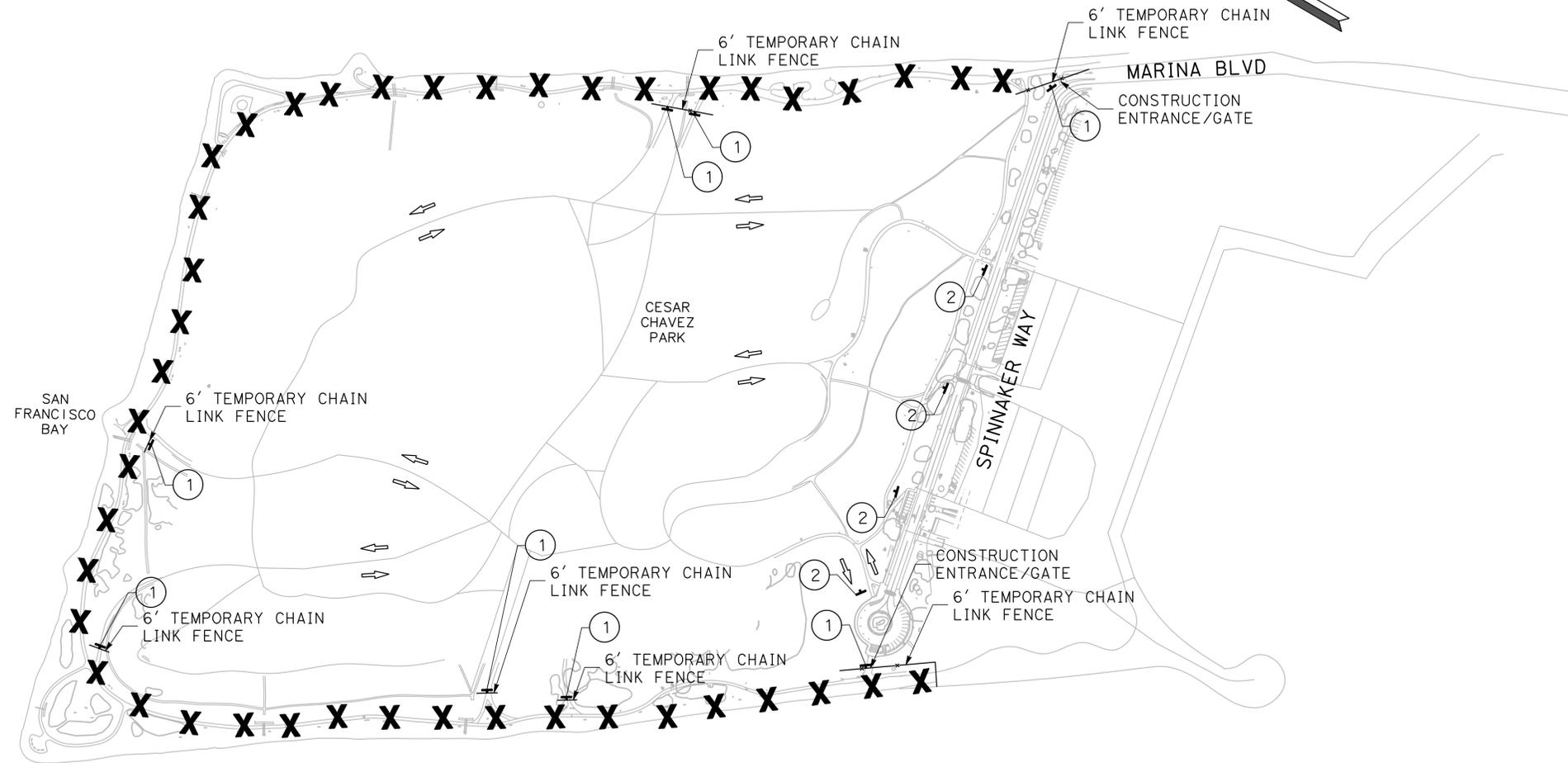
SHEET No. **SC-2**

NOTE:

1. LOCATIONS OF DETOUR SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.

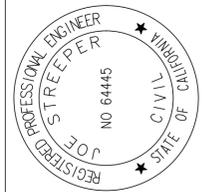
LEGEND:

- X** CLOSURE
- ↑** TEMPORARY SIGN (ONE POST)
- ⇨** DETOUR ROUTE
- (X)** DETOUR AREA SIGN NUMBER
- CHAIN LINK FENCE



STAGE 1 DETOUR PLAN

SIGN No.	SIGN CODE	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
1	R5-1	24" X 24"	DO NOT ENTER	1 - 4" X 6"	8
2	M4-8	24" X 18"	DETOUR	1 - 4" X 6"	4
	M6-3	21" X 15"	UP ARROW		




JOE STREPER, PE
 03-14-2025 DATE



CITY OF BERKELEY
PARKS, RECREATION & WATERFRONT DEPARTMENT

DESIGNED BY: HG
 DRAWN BY: EH
 APPROVED BY: NELSON LAM
 SUPERVISING CIVIL ENGINEER
 CHECKED BY: JLS
 APPROVAL REC'D:

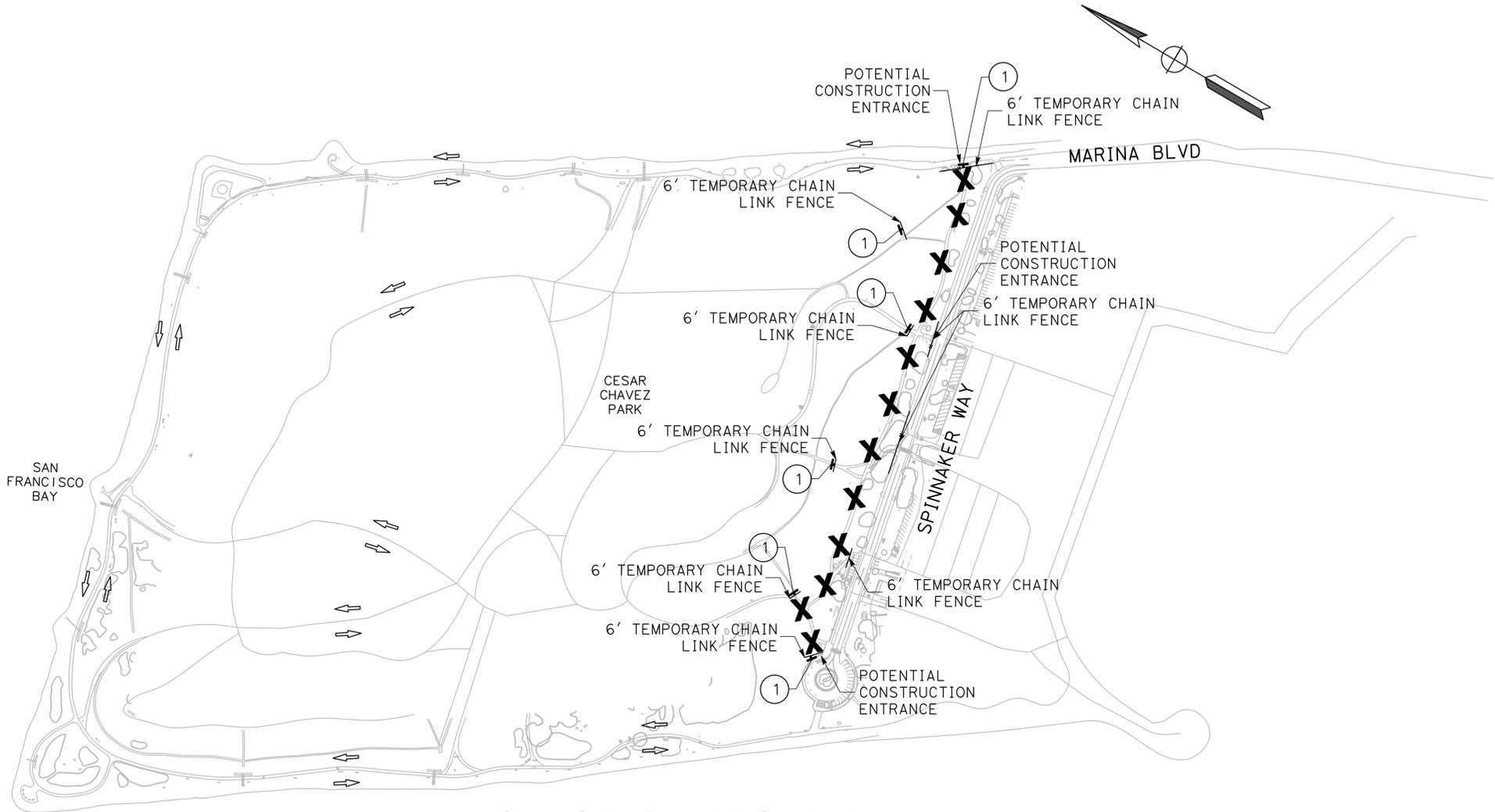
DATE: 03-14-2025

PROJ. NO.: PRW23004

REV.	DATE	DESCRIPTION	BY

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT
DETOUR PLANS

TOTAL SHEETS: 21
 FILE No.: SCC-22-155
 SCALE: 1" = 200'
 SHEET No.: **D-1**



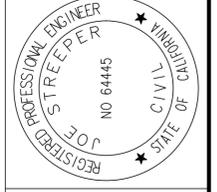
STAGE 2 DETOUR PLAN

SIGN No.	SIGN CODE	PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
1	R5-1	24" X 24"	DO NOT ENTER	1 - 4" X 6"	6

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT
DETOUR PLANS
 TOTAL SHEETS: 21
 FILE No.: SCC 22-155
 SHEET No. **D-2**

CITY OF BERKELEY
 PARKS, RECREATION & WATERFRONT DEPARTMENT
 DESIGNED BY: HG
 DRAWN BY: EH
 CHECKED BY: JLS
 APPROVAL REC'D: _____
 APPROVED BY: **NELSON LAM**
 SUPERVISING CIVIL ENGINEER
 PROJ. NO.: PRW23004
 DATE: 03-14-2025
 SCALE: 1" = 200'

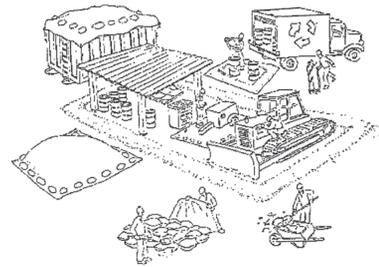
REV.	DATE	DESCRIPTION	BY



Joe Streper
JOE STREPER, PE
 03-14-2025
 DATE



City of Berkeley's Pollution Prevention - It's Part of the Plan



Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution and damage to creeks and the San Francisco Bay. Construction activities can directly affect the health of creeks and the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines and the project specifications will ensure your compliance with City of Berkeley requirements.

Materials storage & spill cleanup

Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet (3 meters) from catch basins. All construction material must be covered with a tarp and contained with a perimeter control during wet weather or when rain is forecasted or when not actively being used within 14 days.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep or vacuum streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities. Comply with City of Berkeley Ordinances for recycling construction materials, wood, gyp board, pipe, etc.
- ✓ Check dumpsters regularly for leaks and to make sure they are not overfilled. Repair or replace leaking dumpsters promptly.
- ✓ Cover all dumpsters with a tarp at the end of every work day or during wet weather.

Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state, and federal regulations.
- ✓ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecasted.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecasted within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Dispose of all containment and cleanup materials properly.
- ✓ Report any hazardous materials spills immediately! Dial 911 or the City of Berkeley's Public Works Department by dialing 311

Construction Entrances and Perimeter

- ✓ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ✓ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking.

Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it will not collect in the street.
- ✓ Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use fiber rolls, silt fences, or other control measures to minimize the flow of silt off the site.
- ✓ Earth moving activities are only allowed during dry weather by permit and as approved by the City Inspector in the Field.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place fiber rolls down-slope until soil is secure.
- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call the Engineer for help in determining what should be done, and manage disposal of contaminated soil according to their instructions.



Architectural Copper

If project contains architectural copper use best management practices as detailed in the handout Requirements for Architectural Copper available at the lobby of the Permit Service Center.

Dewatering operations

- ✓ Effectively manage all run-on, all runoff within the site, and all runoff that discharges from the site. Run-on from off site shall be directed away from all disturbed areas or shall collectively be in compliance.
- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to notify and obtain approval from the Engineer before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the Engineer to determine what testing is required and how to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or sand/gravel bags to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

Paving/asphalt work

- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Protect gutters, ditches, and drainage courses with sand/gravel bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.



Concrete, grout, and mortar storage & waste disposal

- ✓ Store concrete, grout, and mortar under cover, on pallets, and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or into contained washout areas that will not allow discharge of wash water onto the underlying soil or onto the surrounding areas.
- ✓ Collect the wash water from washing exposed aggregate concrete and remove it for appropriate disposal off site.



Painting

- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.



Landscape Materials

- ✓ Contain, cover, and store on pallets all stockpiled landscape materials (mulch, compost, fertilizers, etc.) during wet weather or when rain is forecasted or when not actively being used within 14 days.
- ✓ Discontinue the application of any erodible landscape material within 2 days of forecasted rain and during wet weather.

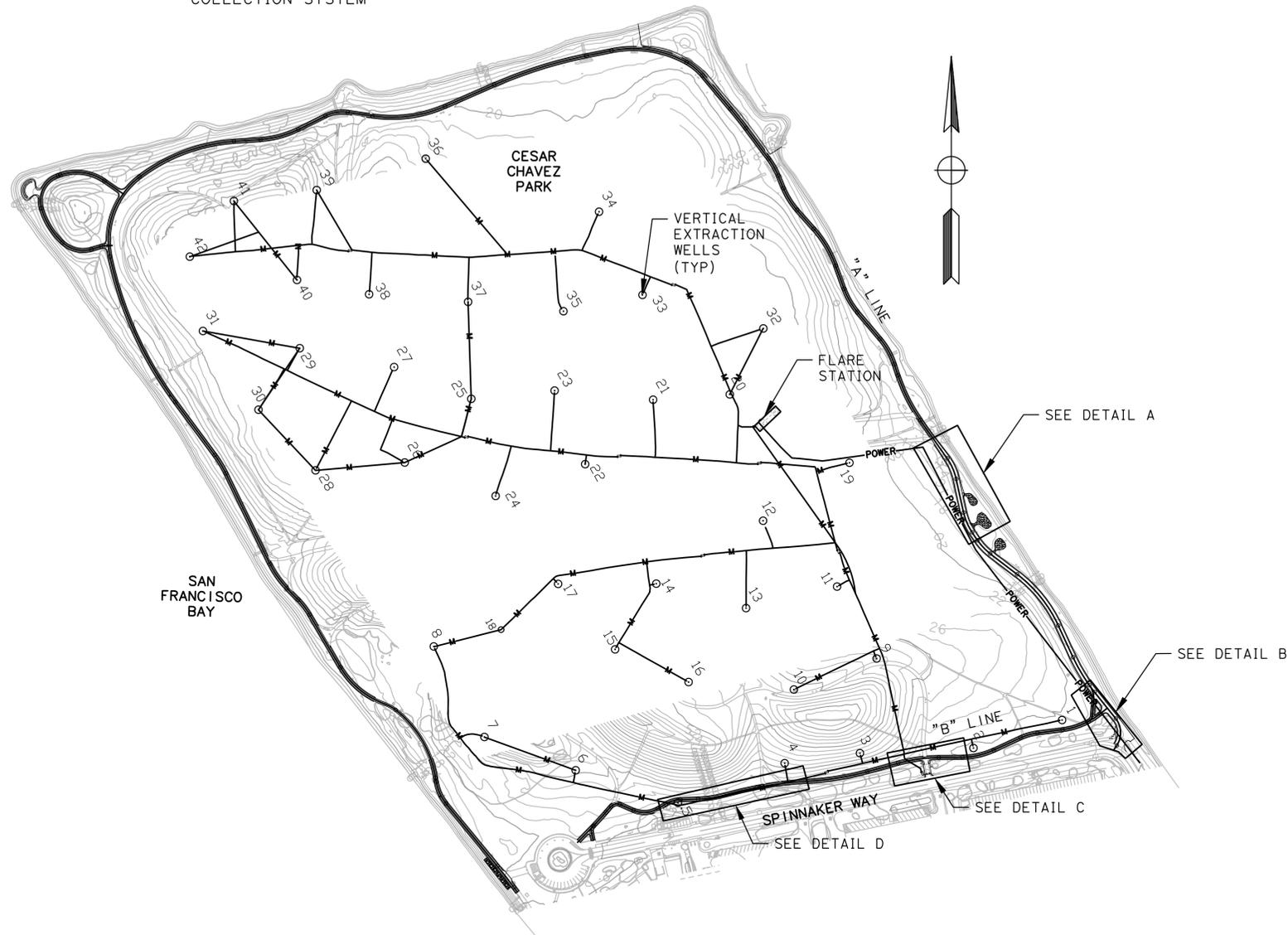
REVISIONS	NO.	DESCRIPTION	BY	DATE	APP'D
APPROVED	CITY OF BERKELEY PUBLIC WORKS AGENCY				
POLLUTION PREVENTION					
WORK ORDER NO.					
SPECIFICATION NO.					
SHEET NO.					
OF					
FILE NO.					

Storm drain polluters may be liable for fines of \$10,000 or more per day!

For references and more detailed information:
www.cleanwaterprogram.org
www.cabmphandbooks.com

LEGEND:

- METHANE LINE
- POWER
- METHANE GAS COLLECTION SYSTEM
- VERTICAL LFG GAS EXTRACTION WELL

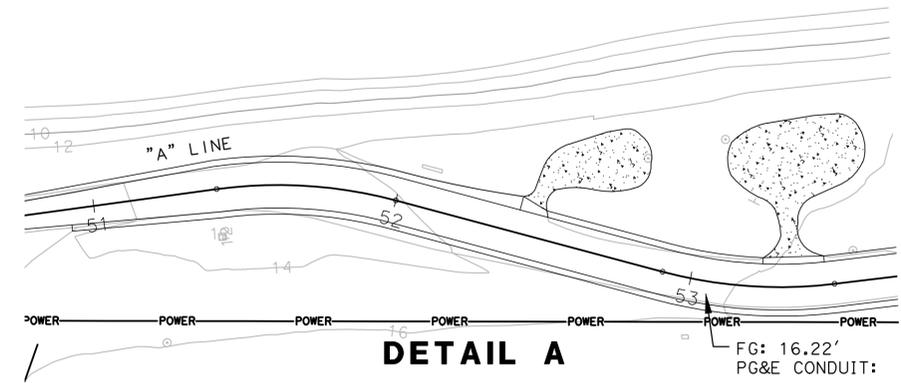


PLAN

NOTE:

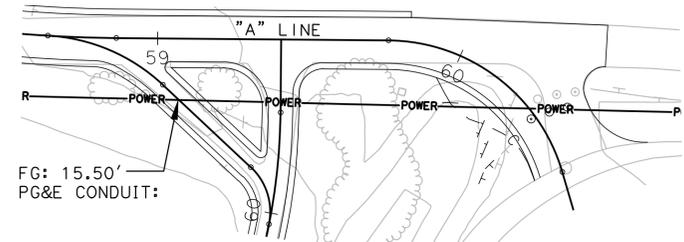
THE CONTRACTOR MUST MAINTAIN ACCESS TO THE METHANE GAS COLLECTION SYSTEM, INCLUDING FLARE STATION, AT ALL TIMES.

THE LOCATIONS OF THE METHANE COLLECTION SYSTEM PIPING ARE APPROXIMATE. THE CITY DOES NOT GUARANTEE THE ACCURACY OF THE METHANE GAS COLLECTION SYSTEM.



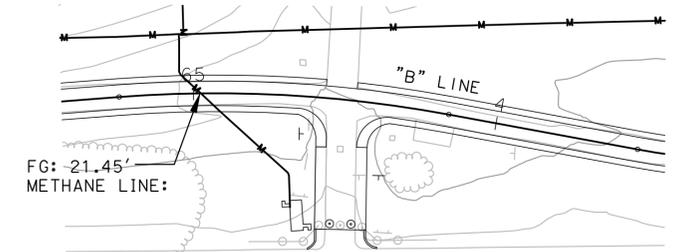
DETAIL A

SCALE: 1" = 30'



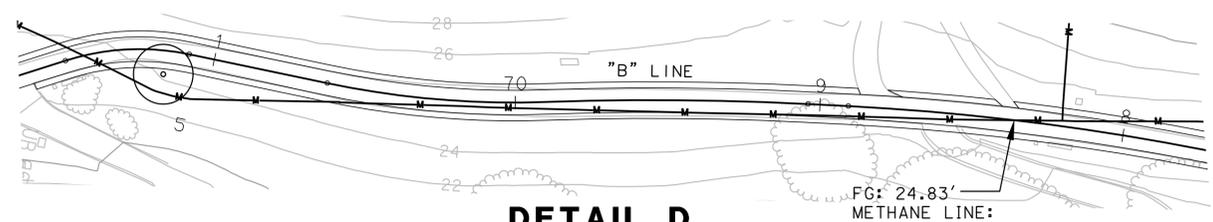
DETAIL B

SCALE: 1" = 30'



DETAIL C

SCALE: 1" = 30'



DETAIL D

SCALE: 1" = 30'

CESAR CHAVEZ PARK PERIMETER PATHWAY IMPROVEMENT PROJECT
METHANE GAS COLLECTION SYSTEM
 SHEET No. **MS-1**
 TOTAL SHEETS: 21
 FILE No.: SCC-22-155
 SCALE:

CITY OF BERKELEY
PARKS, RECREATION & WATERFRONT DEPARTMENT
 CHECKED BY: JLS
 APPROVAL REC'D:
 DESIGNED BY: HG
 DRAWN BY: EH
 APPROVED BY: NELSON LAM
 SUPERVISING CIVIL ENGINEER
 PROJ. NO.: PRW23004
 DATE: 03-14-2025

REV.	DATE	DESCRIPTION	BY



REVISED BIDDER'S PROPOSAL – ADDENDUM #2

Bidders submitting proposals shall be very careful to follow all requirements in connection therewith. A checklist has been attached for guidance in complying with all phases of the bid process and Project. Any proposal not complying with all these requirements may be rejected.

TO THE HONORABLE MAYOR AND
MEMBERS OF THE CITY COUNCIL

Pursuant to the provisions of the plans, specifications and contract documents, the undersigned proposed to perform the work as described therein a manner satisfactory to the responsible City official. All material, equipment, tools, labor, and services necessary to the work will be furnished. All laws and ordinances relating to the work will be complied with, and a business license to do business in the City will be obtained. The undersigned declares that the plans, specifications, contract documents and the site of the work have been thoroughly examined and that this proposal is made without collusion with any person, firm, or corporation.

Execution of the proposal by the undersigned Bidder shall become a binding contract on the parties when the award of a contract pursuant to the said proposal is authorized by resolution of the City Council, where required by the Charter of the City by the City Manager, or an officer who is his/her authorized representative.

The undersigned agrees that when his proposal is executed he will furnish specified bonds and insurance, and he will begin work within the time specified, and complete work within the contract period or agree to the assessment of liquidated damages, all as stipulated in the attached pages of the Bidder's Proposal.

As a guaranty that the terms of this proposal will be complied with, the undersigned submits herewith a proposal guaranty for an amount equal to at least Ten Percent (10%) of his total bid.

All subcontractors who will perform work for the Bidder on this Project in the amount in excess of one-half of one percent (0.5%) of the total bid, including labor, materials, and equipment, or work specifically fabricated off the job site according to detailed drawings contained in the plans, shall be listed, pursuant to Sections 4100 to 4113, inclusive of the California Government Code.

Revised Bidder's Proposal (Continued)

Name of Subcontractor and address:	Subcontractor License No.	Type of Work	\$ Amount

Contractor's California License Number: _____

License Expiration Date: _____

I declare that representations made in this bid are under penalty of perjury.

Signature

Title

Revised Bidder's Proposal (Continued)

BASE BID

Item No.	Description*	Estimated Quantity	Unit	Unit Cost	Total Cost
1.	Mobilization and Demobilization (Including Staging Area)	1	LS	\$_____	\$_____
2.	Prepare and Implement SWPPP – Risk Level 1	1	LS	\$_____	\$_____
3.	Temporary Fence ESA	555	LF	\$_____	\$_____
4.	Pedestrian Detour	1	LS	\$_____	\$_____
5.	Remove Bollards	6	EA	\$_____	\$_____
6.	Sign Removal/Reinstallation	6	EA	\$_____	\$_____
7.	Bike Rack Removal/Reinstallation	1	EA	\$_____	\$_____
8.	Adjust Monitoring Wells to Grade	2	EA	\$_____	\$_____
9.	Adjust Irrigation Valve(s) to Grade	1	EA	\$_____	\$_____
10.	Rock Slope Protection	260	TONS	\$_____	\$_____
11.	RSP Fabric	115	SQYD	\$_____	\$_____
12.	Clear and Grub	1	LS	\$_____	\$_____
13.	Crusher Fines	245	CY	\$_____	\$_____
14.	Asphalt Concrete	995	TONS	\$_____	\$_____
15.	Full Depth Reclamation (FDR)	2,110	CY	\$_____	\$_____

Revised Bidder's Proposal (Continued)

BASE BID CONTINUED:

<u>Item No.</u>	<u>Description*</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
16.	Minor Grading	500	CY	\$_____	\$_____
17.	Header Boards	11,655	LF	\$_____	\$_____
18.	Collapsible Bollard	5	EA	\$_____	\$_____
19.	Curb	17	LF	\$_____	\$_____
20.	Site Concrete (Concrete Pads)	70	SF	\$_____	\$_____
21.	Class 2 Aggregate Base	1	CY	\$_____	\$_____
22.	Remove Curb	30	LF	\$_____	\$_____

TOTAL COST OF BID IN WORDS AND FIGURES: (BID ITEMS 1 THROUGH 21)

_____ Dollars and _____ Cents/(\$_____).

Revised Bidder's Proposal (Continued)

ADDITIVE BID SCHEDULE A

<u>Item No.</u>	<u>Description*</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1.	Prepare and Implement SWPPP – Risk Level 1	1	LS	\$_____	\$_____
2.	Clear and Grub	1	LS	\$_____	\$_____
3.	Crusher Fines	30	CY	\$_____	\$_____
4.	Asphalt Concrete	225	TONS	\$_____	\$_____
5.	Full Depth Reclamation (FDR)	360	CY	\$_____	\$_____
6.	Remove and Reinstall Picnic Tables	5	EA	\$_____	\$_____
7.	Site Concrete (Concrete Pads)	20	SF	\$_____	\$_____
8.	Header Boards	1,530	LF	\$_____	\$_____
9.	Asphalt Concrete Removal	10	CY	\$_____	\$_____
10.	Class 2 Aggregate Base	1	CY	\$_____	\$_____

Revised Bidder's Proposal (Continued)

ADDITIVE BID SCHEDULE B – NW Viewing Area

<u>Item No.</u>	<u>Description*</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Cost</u>	<u>Total Cost</u>
1.	Prepare and Implement SWPPP – Risk Level 1	1	LS	\$_____	\$_____
2.	Relocate Bench	5	EA	\$_____	\$_____
3.	Full Depth Reclamation (FDR)	55	CY	\$_____	\$_____
4.	Asphalt Concrete	40	TONS	\$_____	\$_____
5.	Fill (Imported Borrow)	60	CY	\$_____	\$_____
6.	Site Concrete (Concrete Pads)	175	SF	\$_____	\$_____

ADDITIVE BID SCHEDULE C

1.	Trash Receptacle with Site Concrete	4	EA	\$_____	\$_____
2.	Class 2 Aggregate Base	1	CY	\$_____	\$_____

Revised Bidder's Proposal (Continued)

The undersigned bidder agrees to accept payment in full for the work at the price set forth above in accordance with provisions of the specifications and agrees to start within Fifteen (15) working days following issuance of the Notice to Proceed and to complete all work specified in the contract documents in accordance with the plans and specifications within Sixty (60) working days. The Notice to Proceed will be issued when the contract is fully executed. The contract construction time is inclusive of the time for delivery of materials. By execution of this contract, the City and the Bidder do hereby agree that the value of damage associated with the delay of the work is difficult to ascertain. Therefore the Bidder agrees further to the assessment of liquidated damages in the amount of Two Thousand Dollars (\$2,000.00) for each working day that the construction work remains incomplete beyond the above construction time. The term of the contract is Seventy (70) working days which includes an additional Ten (10) working days for project closeout beyond the above construction time.

Company _____ Address _____
Name _____
Signature _____ Phone (____) _____
Title _____ Date _____
Taxpayer I.D. No. _____ Corporation Yes [] No []

(The following spaces to be used by the City)

Pursuant to City of Berkeley Council Resolution No. _____ N.S. adopted on _____, the City of Berkeley agrees to pay _____ the prices set forth above for the Total Bid Items in the amount of _____ (\$_____), in accordance with the terms and conditions set forth in Specification No. 25-11702-C. The contractor shall complete all work specified in the contract documents in accordance with the plans and specifications within Seventy (70) working days from the date established in the Notice to Proceed.

CITY OF BERKELEY

Dated: _____ By: _____
City Manager
Registered By: _____
Auditor
Attested By: _____
City Clerk

BID ITEM NO. 1 - MOBILIZATION AND DEMOBILIZATION (INCLUDING STAGING AREA)

Mobilization and Demobilization

Mobilization includes preparatory work that must be performed or costs incurred before starting work on the various items on the job site. Mobilization and bonding and insurance costs for prime and subcontractors, equipment delivery and setup, movement of personnel, supplies and incidentals to the project site, installation of sanitation facilities, construction fencing, and other facilities necessary for work on the project; and for all other work and operations which must be performed or costs incurred prior to beginning work on the various contract items on the project site.

The Contractor shall insure that adequate existing sanitation facilities are available or the Contractor shall provide and maintain adequate sanitation facilities. All wastes and refuse from sanitary facilities provided by the Contractor's operations shall be disposed of away from the site in accordance with all laws and regulations pertaining thereto.

The Contractor shall develop a water supply. The Contractor shall contact EBMUD and supply all water needed for construction.

Demobilization shall include, but is not necessarily limited to, preparatory work and operations necessary for the removal of personnel, equipment, supplies and incidentals from the project site and for all other work and operations which must be performed or costs incurred after completion of the various contract items on the project site including removal of all equipment, final site cleanup and all other related mobilization and demobilization costs.

MEASUREMENT AND PAYMENT – BID ITEM NO. 1 – MOBILIZATION AND DEMOBILIZATION

The contract unit price paid per Lump Sum (LS) for **Bid Item No. 1, “Mobilization and Demobilization”** shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in mobilization and demobilization, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the City's Representative.

BID ITEM NO. 18 - COLLAPSIBLE BOLLARD

The work in this section includes collapsible bollards.

Collapsible bollard shall be TrafficGuard® Single Post model LPHDHB, or approved equal. Post height shall be 36" above finished grade. Post shall be a steel tube 6" x 3" x 3/8". Base plate shall be A36 steel, 12" x 12". Lock and hinge pins shall be 8-18 stainless steel 3/4" x 8".

Anchorage shall be per manufacturer's specifications and as shown on the plans.

Base shall be as shown on the plans. The base is modified from the manufacturer's specifications to be a spread footing. The base is not per the manufacturer's specifications due to the need to remain shallow over the landfill cap. All metal reinforcement and bolt/fastener embedment in concrete shall be a minimum of 1.5" clear of the concrete edge/formwork.

Contractor shall submit manufacturer's product data for all manufactured items. TrafficGuard collapsible bollards are available from: TrafficGuard Direct, Geneva, IL, (877) 727-7347, sales@trafficguard.net.

Prior to commencing installation of site furnishings, Contractor shall stake layout and request a review by the City's Representative to determine adjustments on-site from locations shown on drawings. Install manufactured items per manufacturer's instructions. Set posts plumb and horizontal surfaces level. Furnish all anchors, fastenings, and appurtenances required for complete installation of site furnishings.

Check all bolts, nuts, and other connections for proper fit and tightness. Check components for proper alignment, fit and tolerances. Check all components and finishes for damage. Replace damaged components. Repair damaged finishes as approved.

Material submittals need to be submitted and approved by the City.

MEASUREMENT AND PAYMENT – BID ITEM NO. 18 - COLLAPSIBLE BOLLARD

The contract unit price paid per each for **Bid Item No. 18, "Collapsible Bollard"** shall include full compensation for furnishing all labor, materials (post, fasteners, base, reinforced concrete), tools, equipment, and incidentals and for doing all the work involved in installing collapsible bollards, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the City's Representative.

BID ITEM NO. 19 – CURB

The work in this section includes concrete curbs.

Curbs shall be constructed as shown on the plans and per City standards.

Minor concrete shall be per Caltrans Standards, Section 90-2. No bagged mix is permitted. Concrete shall contain 1.5 pounds of lampblack per cubic yard. No admixtures shall be used without approval by the City. Minor concrete is not a separate pay item when used for curbs.

Aggregate base shall be Class 2 Aggregate Base per Caltrans Standards. Aggregate Base shall be compacted to a minimum density of 95% relative compaction. Aggregate Base is not a separate pay item when used for curbs.

MEASUREMENT AND PAYMENT – BID ITEM NO. 19 - CURB

The contract unit price paid per linear feet for **Bid Item No. 19, “Curb”** shall include full compensation for furnishing all labor, materials (minor concrete, aggregate base, forms), tools, equipment, and incidentals and for doing all the work involved in installing curbs, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the City’s Representative.

BASE BID ITEM NO. 22 – REMOVE CURB

The work in this section includes removing concrete curbs.

Curb removal shall be as shown on the plans. At the limit (end) of curb removal, the curb shall be cut cleanly with a saw or other approved method.

Dispose of all concrete waste.

MEASUREMENT AND PAYMENT – BID ITEM NO. 22 - REMOVE CURB

The contract unit price paid per linear feet for **Bid Item No. 22, “Remove Curb”** shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in removing curbs, disposing of concrete waste, complete in place, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the City’s Representative.