



## **ADDENDUM NO. 02**

March 18, 2024

TO: ALL HOLDERS for the Requests for the San Carlos Avenue Pedestrian Safety Improvement Project Phase III – C1806

**This Addendum amends the Contract Documents for the above referenced project. The unaltered portions of the Contract Documents shall remain in effect. Please acknowledge receipt of this Addendum and return a signed copy with your bid proposal. The updates and changes are as follows:**

1. **The bid opening scheduled for Tuesday, March 19, at 10:00 a.m. has been rescheduled to Tuesday, March 26, at 2:00 p.m. due to changes in the project plans. Sealed bid proposals shall be received in hand by the City Clerk on or before the new bid opening time.**
2. **PLANS:**
  - a) **Revised Plan Sheets to be Replaced (herein attached):**
    - Sheet C5.2 – Cross Sections
    - Sheet C5.3 – Cross Sections
    - Sheet L1.0 – Irrigation Plan

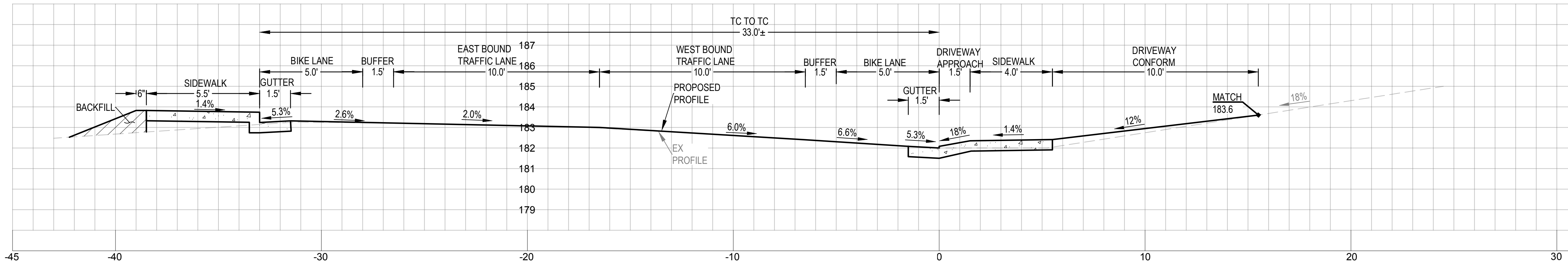
### **ADDENDUM ACKNOWLEDGMENT**

**Bidder acknowledges receipt of this addendum, which shall be attached to the Proposal.**

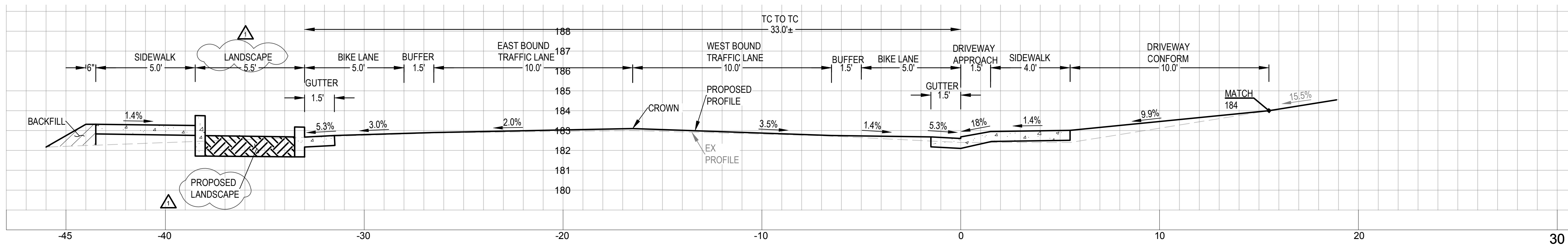
\_\_\_\_\_  
NAME OF COMPANY

\_\_\_\_\_  
SIGNATURE

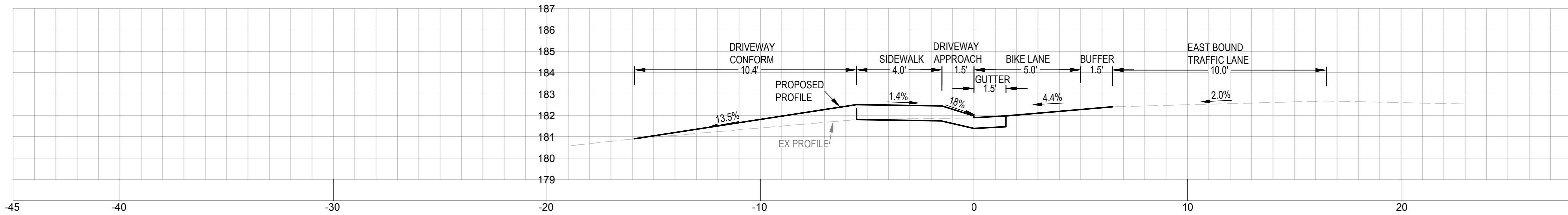
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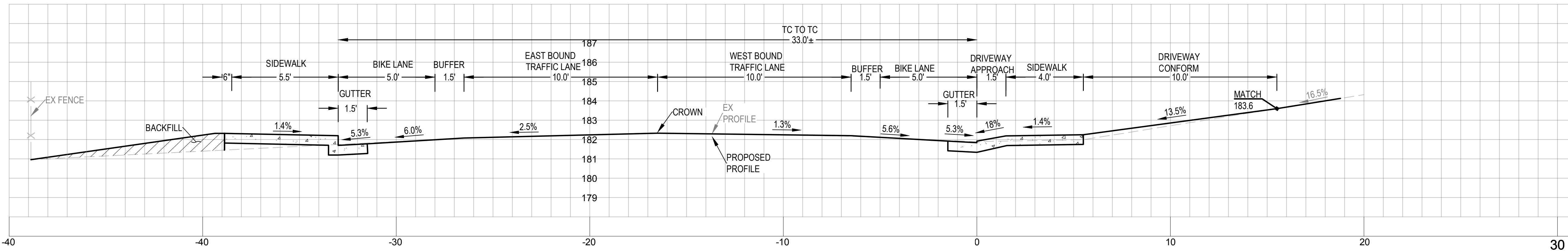
**A** STA 12+28.2 DRIVEWAY AT 2324 SAN CARLOS AVENUE (PROFILE)  
SCALE: 1"=3'



**B** STA 12+75.7 DRIVEWAY AT 2316 SAN CARLOS AVENUE (PROFILE)  
SCALE: 1"=3'



**C** STA 13+25.5 SOUTH SIDE DRIVEWAY AT 2 PLYMOUTH AVE (PROFILE)  
SCALE: 1"=3'



**D** STA 13+51.9 DRIVEWAY AT 2308 SAN CARLOS AVENUE (PROFILE)  
SCALE: 1"=3'

**SAN CARLOS AVENUE  
PEDESTRIAN SAFETY  
IMPROVEMENTS - PHASE 3**

NO.	DESCRIPTION	BY	DATE
Δ	REVISION 1	RB	03/18/24

City of San Carlos  
Public Works Department  
600 Elm Street  
San Carlos, CA 94070  
Tel: (650) 802-4200  
www.cityofsan-carlos.org

**Bellecci**  
a sanderson bellecci co.  
925 • 685 • 4569 bellecci.com



**CROSS SECTIONS**

Scale: As Shown  
Design By: MA  
Drawn By: JB  
Checked By: RB  
Sheet Number

**C5.2**  
12 of 36 Sheets

Call Two Working Days Before You Dig!



1-800-227-2600

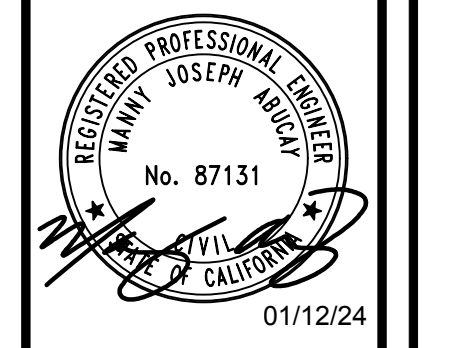
**BID SUBMITTAL**  
JANUARY 12, 2024

SAN CARLOS AVENUE  
PEDESTRIAN SAFETY  
IMPROVEMENTS - PHASE 3

NO.	DESCRIPTION	BY	DATE
1	REVISION 1	RB	03/18/24

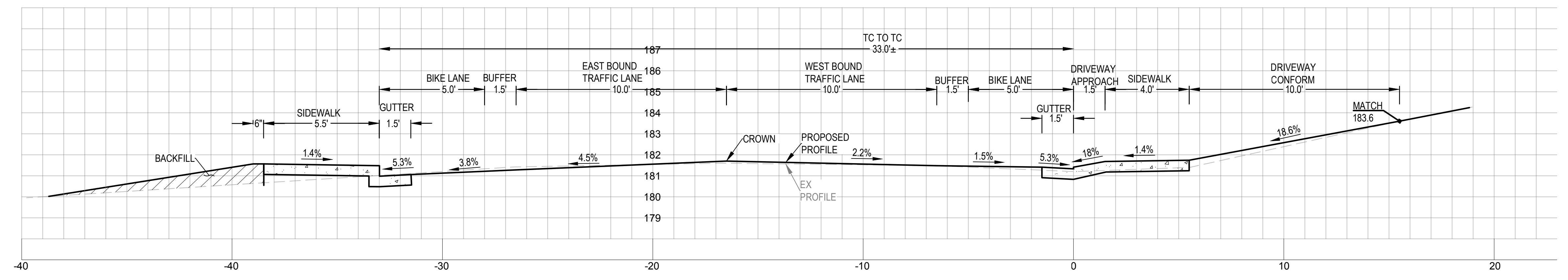
City of San Carlos  
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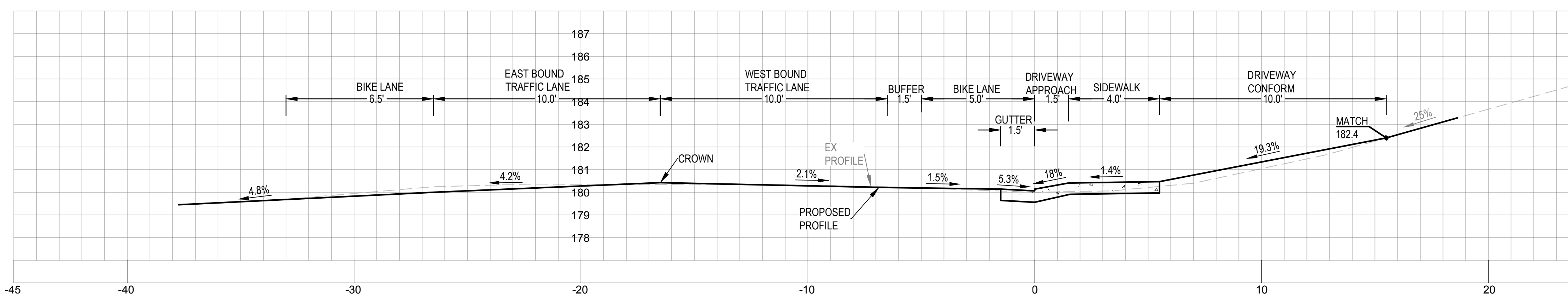


**CROSS SECTIONS**

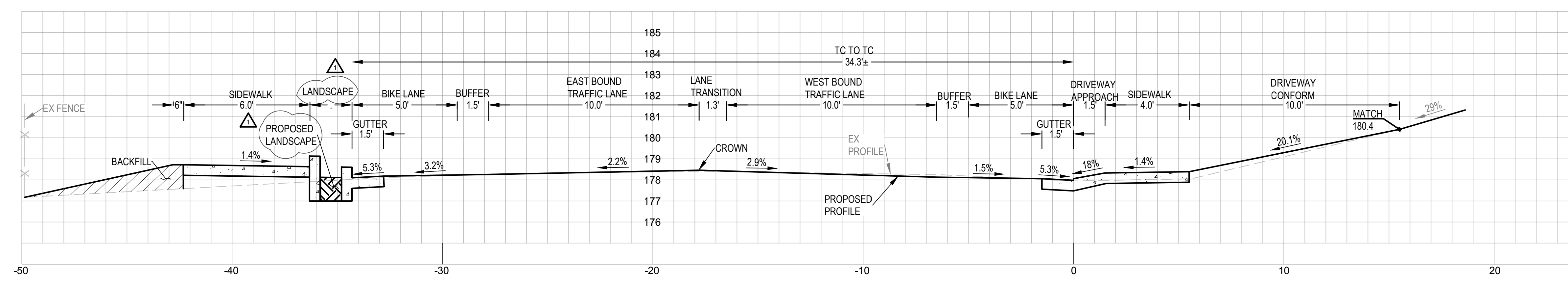
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Drawn By: JB  
Checked By: RB  
Sheet Number  
**C5.3**  
13 of 36 Sheets



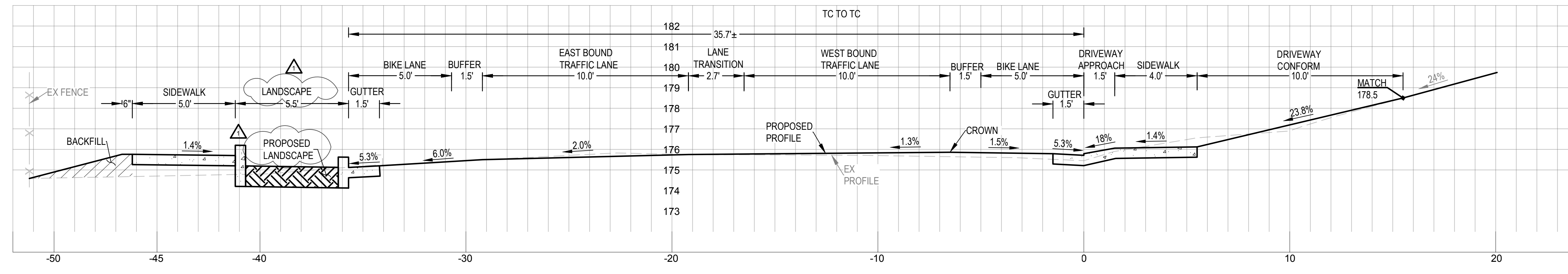
**(A)** STA 14+00 DRIVEWAY AT 2300 SAN CARLOS AVENUE (PROFILE)  
SCALE: 1"=3'



**(B)** STA 14+51.8 DRIVEWAY AT 2244 SAN CARLOS AVENUE (PROFILE)  
SCALE: 1"=3'



**(C)** STA 15+01.9 DRIVEWAY AT 2236 SAN CARLOS AVENUE (PROFILE)  
SCALE: 1"=3'

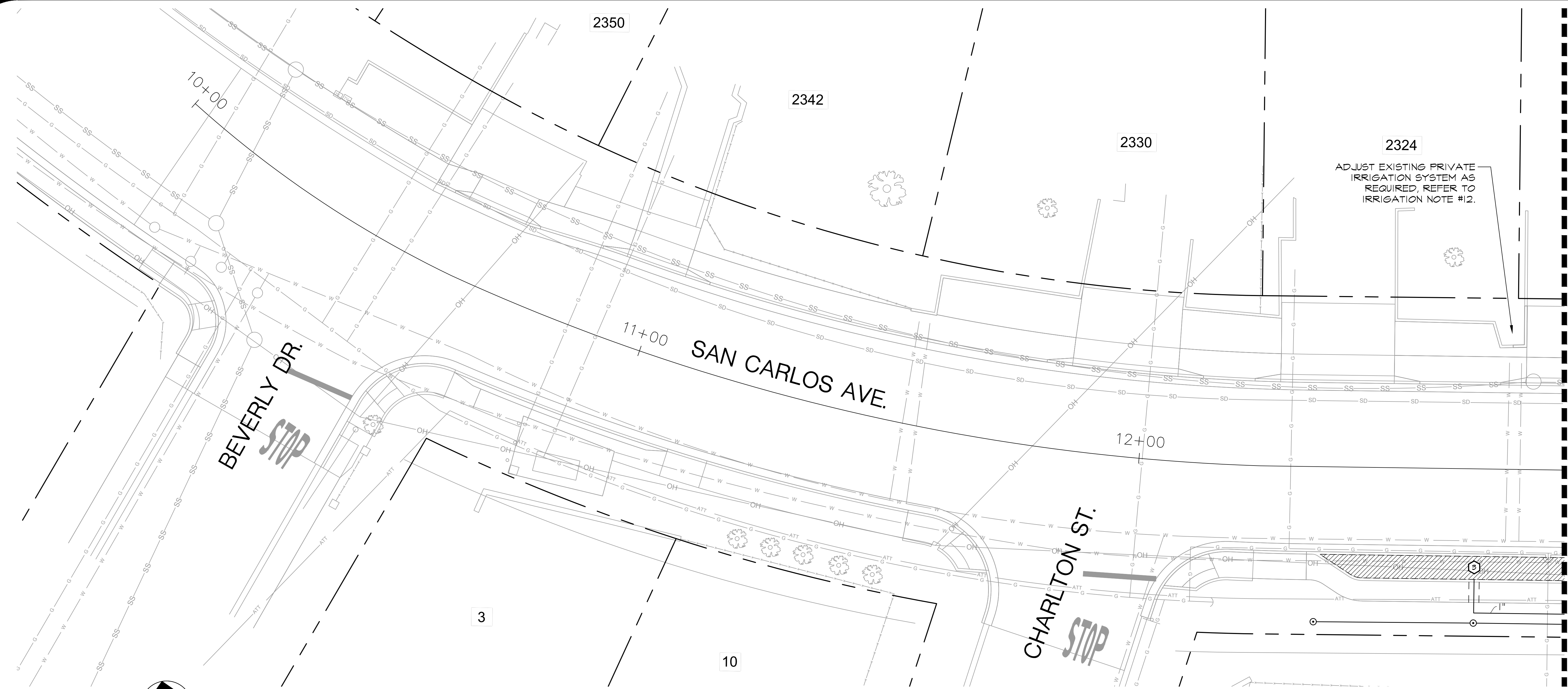


**(D)** STA 15+49.9 DRIVEWAY AT 2228 SAN CARLOS AVENUE (PROFILE)  
SCALE: 1"=3'

Call Two Working  
Days Before You  
Dig!

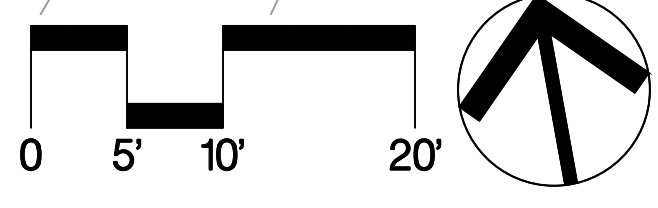
1-800-227-2600

**BID SUBMITTAL**  
JANUARY 12, 2024



ADJUST EXISTING PRIVATE IRRIGATION SYSTEM AS REQUIRED, REFER TO IRRIGATION NOTE #12.

MATCHLINE SEE SHEET L1



**WATER EFFICIENT LANDSCAPE WORKSHEET**  
This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package.

Hydrozone # /Planting Description <sup>a</sup>	Plant Factor (PF) <sup>f</sup>	Irrigation Method <sup>b</sup>	Irrigation Efficiency (IE) <sup>e</sup>	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Total Water Use (ETWU) <sup>d</sup>	
<b>Regular Landscape Areas</b>								
Low Water Use Plantings	0.2	Drip	0.81	0.25	1,118	276	7,325	
Medium Water Use Plantings	0.4	Drip	0.81	0.49	200	99	2,621	
					Totals	1,318 (A)	375 (B)	
<b>Special Landscape Areas</b>								
					1			
					1			
					1			
					Totals	0 (C)	0 (D)	
							ETWU Total	9,946
							Maximum Applied Water Allowance (MAWA) <sup>g</sup>	15,739

<sup>a</sup>Hydrozone #/Planting Description  
Eg  
1.) front lawn  
2.) low water use plantings  
3.) medium water use planting

<sup>b</sup>Irrigation Method  
overhead spray or drip

<sup>c</sup>Irrigation Efficiency  
0.75 for spray head  
0.81 for drip

<sup>d</sup>ETWU (Annual Gallons Required) =  
Eto x 0.62 x ETAF x Area  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.

<sup>e</sup>Plant Factor  
(0.0 - 0.1) very low water use  
(0.2 - 0.3) low water use  
(0.4 - 0.6) medium water use  
(0.7 - 1.0) high water use

<sup>f</sup>MAWA (Annual Gallons Allowed) =  
(Eto) (0.62) [(ETAF x LA) + ((1-ETAF) x SLA)]  
where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year. LA is the total landscape area in square feet (including SLA). SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.

**ETAF Calculations**

<b>Regular Landscape Areas</b>		
Total ETAF x Area	375	(B)
Total Area	1,318	(A)
Average ETAF	0.28	B ÷ A
<b>All Landscape Areas</b>		
Total ETAF x Area	375	(B + D)
Total Area	1,318	(A + C)
Site-wide ETAF	0.28	(B + D) ÷ (A + C)

Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.

**IRRIGATION LEGEND**

- SHRUB BUBBLER, RAINBIRD, PC-T-01 ON SPX-FLEX TUBING, ONE BUBBLER PER PLANT (4 L3.1, 1 L3.2)
- TREE BUBBLER, RAINBIRD 1402, EACH SYMBOL REPRESENTS 2 BUBBLERS (2 L3.2)
- REMOTE CONTROL VALVE, IRRITROL, 700 SERIES WITH OMNIREG PRESSURE REGULATOR, SIZE PER PLAN (3 L3.1)
- DRIP CONTROL ZONE KIT, IRRITROL, TOODK-1-MF (2 L3.1)
- CONTROLLER, CALSENSE 3000 SERIES IN STAINLESS STEEL ENCLOSURE, WITH CELLULAR COMMUNICATION, MODEL# CS3-2-S/CS3-GR-BUNDLE-2. SEE IRRIGATION NOTE #11 FOR CENTRAL CONTROL. SEE CIVIL PLANS FOR ELECTRICAL SERVICE. (1 L3.0)
- BACKFLOW PREVENTER, FEBCO LF825Y, 1" SIZE (2 L3.0)
- MASTER VALVE, SUPERIOR, 3300, 1.5" SIZE, NORMALLY OPEN (3 L3.0)
- FLOW SENSOR, CALSENSE FM-1B, 1" SIZE (4 L3.0)
- LATERAL LINE, SCHEDULE 40 PVC, 3/4" SIZE UNLESS OTHERWISE INDICATED ON PLAN (5 L3.1)
- MAINLINE, SCHEDULE 40 PVC, 1-1/4" SIZE
- SLEEVE, SCHEDULE 40 PVC, SIZE AS REQUIRED
- QUICK COUPLING VALVE, RAINBIRD 44-LRC (1 L3.1)
- GATE VALVE, NIBCO, CLASS 125, T-113, LINE SIZE (5 L3.0)
- WATER METER, 5/8" SIZE, COORDINATE INSTALLATION WITH WATER AGENCY, SEE IRRIGATION NOTE #6. (M)
- SERVICE LINE 1" SIZE, PER CALWATER
- WATER SUPPLY, 2" SIZE CAST IRON
- VALVE NUMBER FOR IRRIGATION AREA
- VALVE # OPERATING PRESSURE
- VALVE SIZE
- PRECIPITATION RATE (INCHES PER HOUR)
- APPROXIMATE GPM THROUGH VALVE

Call Two Working Days Before You Dig!



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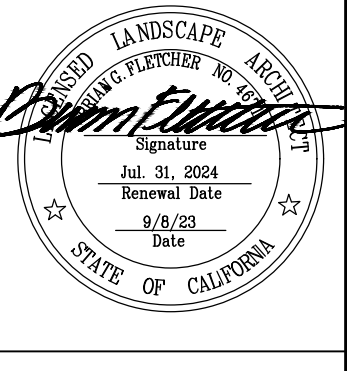
**FOR IRRIGATION NOTES SEE SHEET L.1.1**

SAN CARLOS AVENUE PEDESTRIAN SAFETY IMPROVEMENTS - PHASE 3

NO.	DESCRIPTION	BY	DATE
A	REVISION 1	RB	18-03-24

City of San Carlos  
Public Works Department  
600 Elm Street  
San Carlos, CA 94070  
Tel: (650) 802-4200  
www.cityofsan-carlos.org

1633 Bayshore Highway, Suite 133  
Burlingame, CA 94010  
T 650.375.1313  
www.callandassociates.com  
CALA Project No. 21054



**IRRIGATION PLAN**

Scale: As Shown  
Design By: NR  
Drawn By: DC  
Checked By: BF  
Sheet Number

L1.0  
28 of 36 Sheets

**BID SUBMITTAL**  
JANUARY 12, 2024