

**CITY OF MERCED PROJECT NO. CP220061
CHANGE ORDER NO. 2**

DATE: October 3, 2023

PROJECT NAME: Community Park 42

PROJECT LOCATION: Merced, California

CONTRACTOR: American Paving Company

ADDRESS: P.O. Box 27587, Fresno CA 93729

REASON FOR CHANGE ORDER:

Additional work to add underground electrical, water. Quantity adjustment for additional asphalt per the contract unit price.

THE NUMBER OF WORKING DAYS WILL BE ADJUSTED AS FOLLOWS: 40

SKETCH ATTACHED: Yes

DESCRIPTION OF CHANGE:

Quantity Adjustments

Item No	Item	Unit	Quantity	Unit Price	Amount
1	Portable Changeable Message Signs (base bid Item 7)	LS	-1	\$ 15,000.00	\$ (15,000.00)
2	Storm Drain Manholes (base bid Item 18)	EA	2	\$ 3,500.00	\$ 7,000.00
3	6" Sewer (Additional Sewer lines) (base bid Item 23)	LF	1391	\$ 167.00	\$ 232,297.00
4	Sewer Manhole (base bid Item 24)	EA	3	\$ 5,000.00	\$ 15,000.00
5	10" Water Line (Offsite) (base bid Item 33)	LF	-499	\$ 90.00	\$ (44,910.00)
6	Credit for deletion of Polyolefin under concrete (base bid & CCO#1)	LS	-1	\$ 41,900.00	\$ (41,900.00)
7	Credit for Storm Drain Pipe Substitution of ADS (12" & Above)	LS	-1	\$ 47,000.00	\$ (47,000.00)

Total for Quantity Adjustments: \$ 105,487.00

Extra Work

Item No	Item	Unit	Quantity	Unit Price	Amount
1	Surveying Services	LS	1	\$ 9,200.00	\$ 9,200.00
2	Soil Import	LS	1	\$ 112,200.00	\$ 112,200.00
3	Site Grading (Rough/ Fine)	SF	259,710	\$ 1.55	\$ 402,550.50
4	12" Storm Drain	LF	38	\$ 80.00	\$ 3,040.00
5	Storm Drain Area Drains	EA	1	\$ 2,400.00	\$ 2,400.00
6	Connect to Existing Storm Drain	LS	1	\$ 3,200.00	\$ 3,200.00
7	Electrical	LS	1	\$ 401,500.00	\$ 401,500.00
8	Concrete Flatwork (Site Finish 'A')	SF	23,666	\$ 9.50	\$ 224,827.00
9	Plexipave Surfacing Basketball Court (Site Finish 'J')	SF	9,400	\$ 2.00	\$ 18,800.00
10	Plexipave Surfacing Basketball Court Striping (Site Finish 'K')	LF	1,100	\$ 2.00	\$ 2,200.00
11	Plexipave Surfacing Basketball Court Perimeter (Site Finish 'L')	SF	4,625	\$ 2.00	\$ 9,250.00
12	2x4 Header at Limit of Phase 1 (Site Feature '50')	LF	1,477	\$ 15.00	\$ 22,155.00
13	Basketball Poles, Backboard, and Rim (Site Feature '59')	EA	4	\$ 9,000.00	\$ 36,000.00
14	Irrigation System	SF	226,609	\$ 0.60	\$ 135,965.40
15	Extra Work to Connect to MID transformer	LS	1	\$ 18,300.00	\$ 18,300.00
16	Extra Work to relocate 6" & 12" force main	LS	1	\$ 12,250.00	\$ 12,250.00
17	Extra Work to remove & replace crushed rock for underground	LS	1	\$ 1,414.10	\$ 1,414.10
18	Extra Work to relocated storm drain @ Well Site 20	LS	1	\$ 11,800.00	\$ 11,800.00

Total for Extra Work \$ 1,427,052.00

Total for Change Order No. 2 \$ 1,532,539.00

ORIGINAL CONTRACT AMOUNT: \$ 5,800,580.70
 CHANGE ORDER #1 AMOUNT: \$ 1,365,524.40
 CHANGE ORDER #2 AMOUNT: \$ 1,532,539.00
 TOTAL PROJECT COST TO DATE: \$ 8,698,644.10

256 see attachment memo

FUNDS/ACCOUNTS VERIFIED:

CP220061 PrkR CON CIPImp-Lnd	\$ 20,000.00
CP220061 WWS CON CIPnfr	\$ 174,297.00
CP220061 ARPAPrk&CS CON CIPInfr	\$ 423,780.00
CP220061 ARPAPrk&CS CON CIPImp-Lnd	\$ 914,462.00
	<u>\$ 1,532,539.00</u>

[Signature] 02/23/24
 FINANCE OFFICE DATE V-1405
 Funds available. as of 2/22/24
 see attached memo. *[Signature]* 2/22/24

ACCEPTED

[Signature]
 (CONTRACTOR) Stephen J. Poindexter, President

DATE: 11/16/23

RECOMMENDED

[Signature]
 (CITY ENGINEER)

DATE: 11/21/23

RECOMMENDED

[Signature]
 (PROJECT CHAMPION)

DATE: 11/21/23

APPROVED

[Signature]
 (CITY ATTORNEY)

DATE: 11/30/23

AUTHORIZED

[Signature]
 (CITY MANAGER)

DATE: 2/23/24

ATTESTED

[Signature]
 (ASSISTANT/DEPUTY CITY CLERK)

DATE: 2.23.2024

(SEAL)



AMERICAN PAVING CO.

REQUEST FOR INFORMATION

RFI NO: 1

PROJECT: Community Park 42
AMERICAN PAVING CO. JOB NO. 21.2304

DATE: July 28, 2023

TO: City of Merced
CARE OF: Joe Cardoso
678 W 18th St
Merced, CA 95340
(209) 388-7508

FROM: American Paving Co.
Chris Williams
P.O. Box 27587
Fresno, CA 93729
(559) 268-9886

FILING: APC RFI# 001

ATTN: Joe Cardoso

POTENTIAL IMPACTS:

<input checked="" type="checkbox"/> SCHED	<input type="checkbox"/> LABOR
<input checked="" type="checkbox"/> MAT'L	<input type="checkbox"/> NO IMPACT
<input type="checkbox"/> OTHER	

REF. SPECIFICATION:
Bid Item #23 - 6" Sewer
DRAWING: C2.1, C2.2, C2.3, C2.4,
C2.5,C2.6

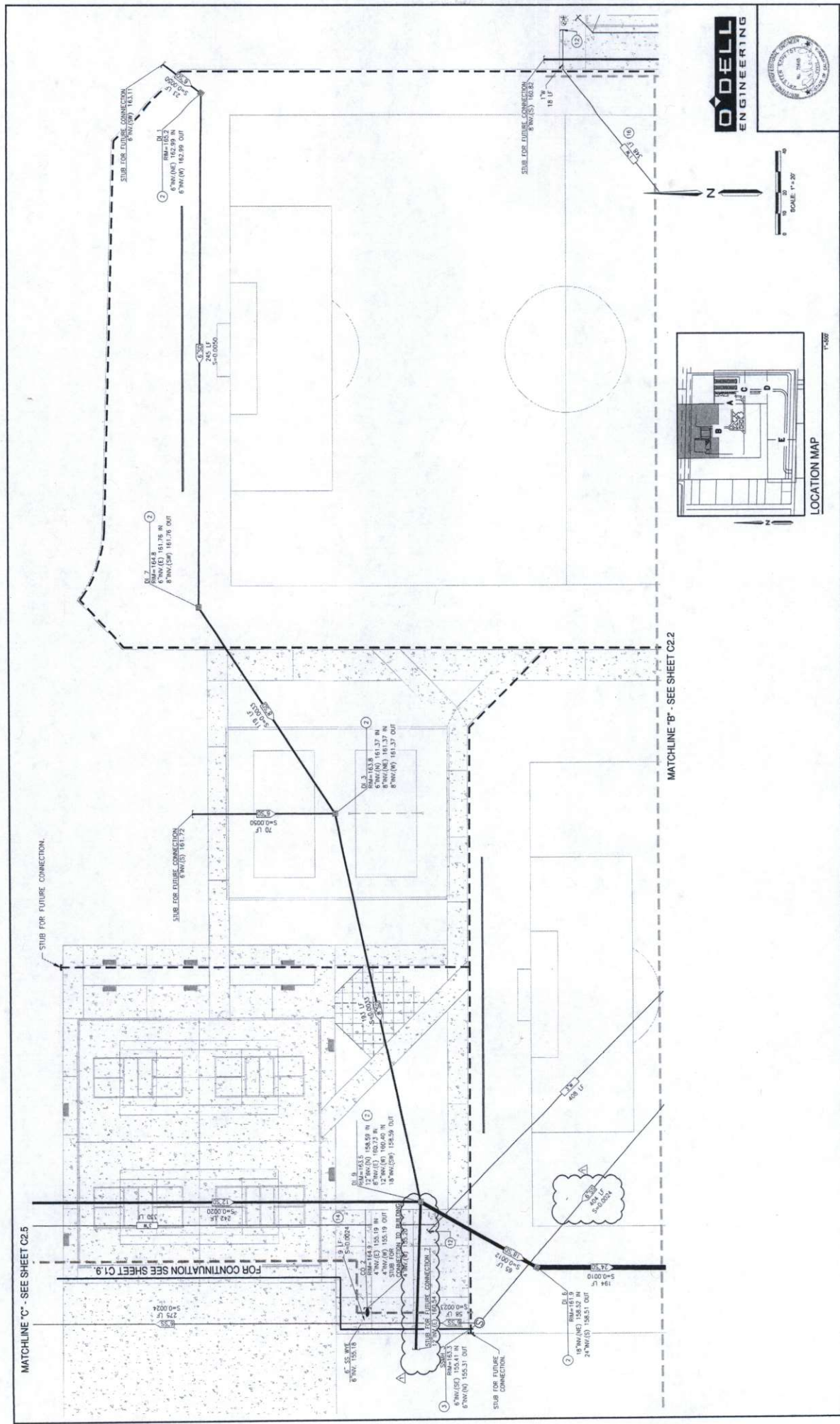
RFI SUBMITTED BY: Chris Williams
NEED REPLY BY: August 11, 2023

REQUEST: Bid Item # 23 - 6" Sewer shows a quantity of 1,170 LF. When we preformed our take off,
we found 2,830LF shown on the plans. That's an additional 1,660LF. Please verify quantities.

REPLY: See sheets C2.1 to C2.5 and C2.7 to C2.8 Rev 1 dated 8/16/23 showing revised
sewer line routing between concession building and well site 20. Line item 23 on
Bid Schedule A to be updated to 2,561 LF.

FIRM: O'Dell Engineering SIGNED: Angel Mariscal DATE: 8/16/2023

CC: CLARIFICATION ONLY
 CHANGE IN CONTRACT
 ENGINEER CHANGE
 OTHER



ODELL
ENGINEERING



DATE: 07/17/2023
 DRAWN BY: KJ/SJ/A
 CHECKED BY: KJ/SJ/A
 SCALE: AS SHOWN
C2.1
 22 of 75

PROJECT # 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

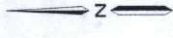
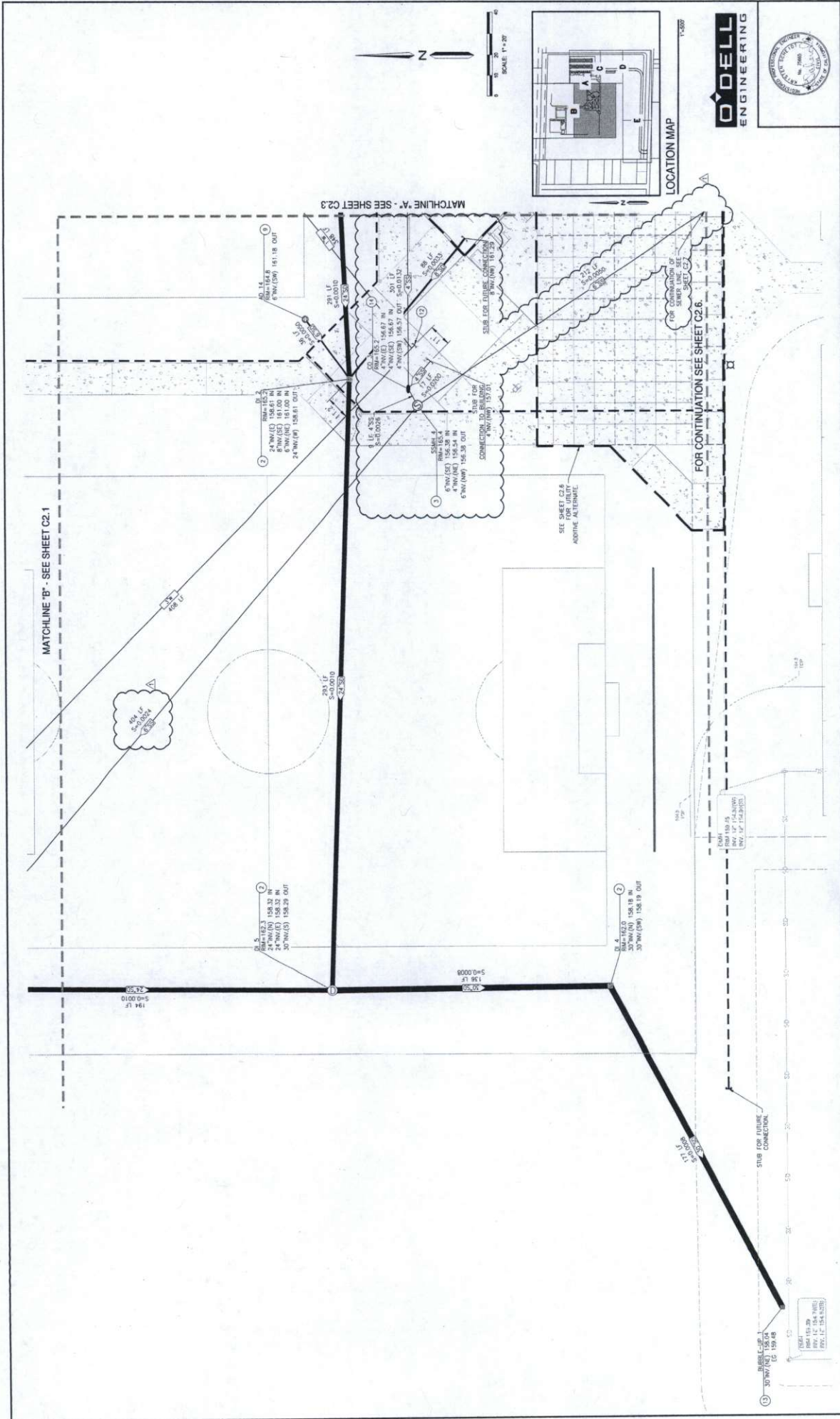
UTILITY PLAN

City of Merced
"Dedicated to You"
ENGINEERING
 ENGINEERING PROJECTS AND STANDARDS
 678 W. 18th Street
 (209) 385-6846

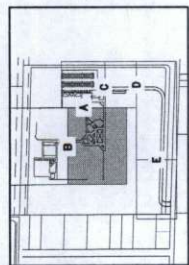
NOTE: SERVICES AND WRITTEN DIMENSIONS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS AND SHALL BE USED TO RESOLVE ANY CONFLICTS TO BEING IN THE DRAWING TO BEING IN THE DIMENSIONS OF ANY SCALE.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 CALL TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	8/16/23	AK	6000 SCOPE AREA REDUND



SCALE 1"=20'



LOCATION MAP



PROJECT # 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

DATE: 07/17/2023
 DRAWN BY: SK/22/CA
 CHECKED BY: SK/22/CA
 DATE: 07/17/2023
 SCALE: AS SHOWN

PROJECT # 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

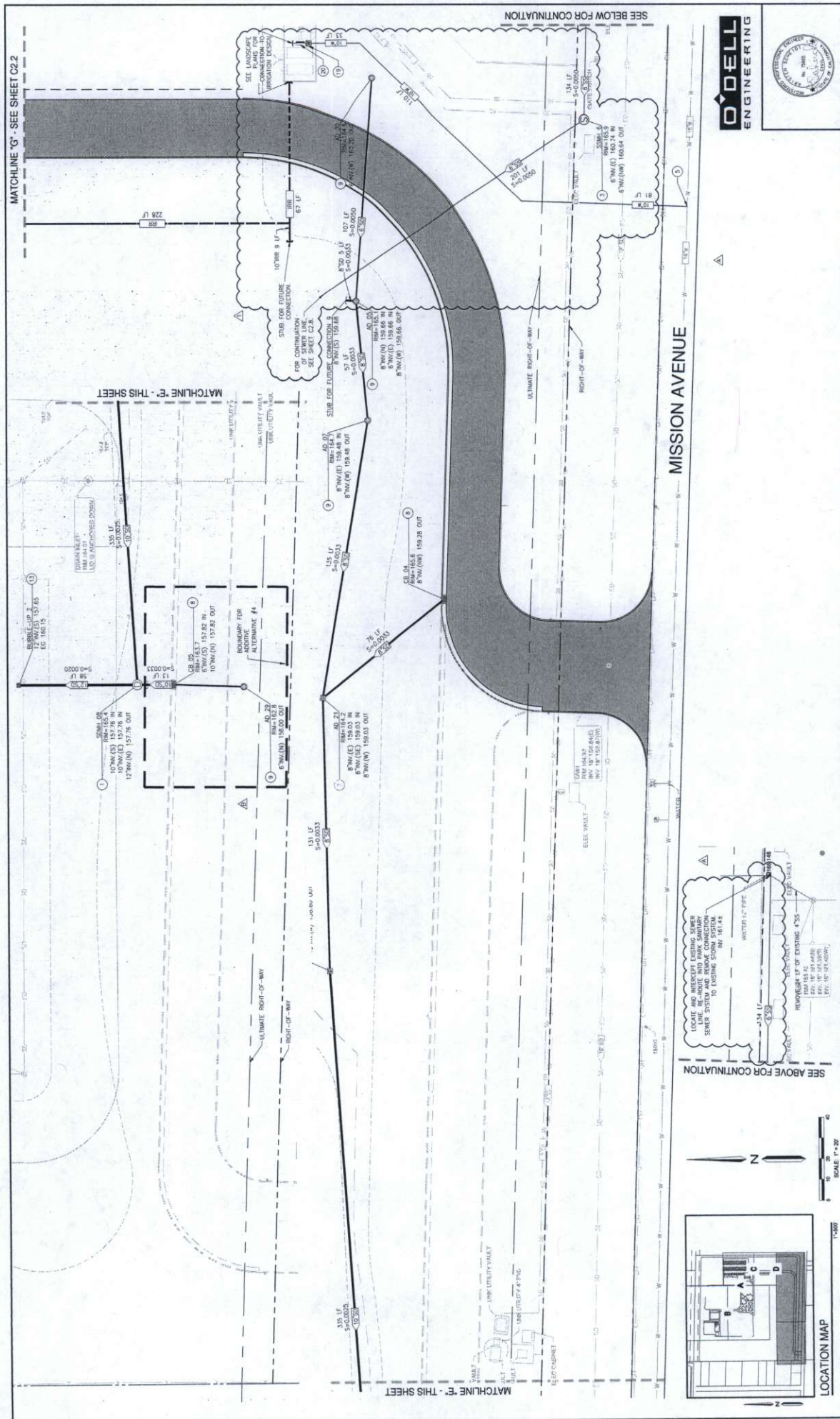
City of Merced
 "Advancing to Tomorrow"
ENGINEERING
 ENGINEERING PROJECTS AND STANDARDS
 678 W. 19th Street (209) 985-6446

Underground Service Alert
 TWO DAYS BEFORE YOU DIG
 Call 1-800-4-A-SAFE

NO.	DATE	BY	REVISION MADE
1	6/14/23	JM	ADD SCALE AND REGION

NOTES: ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF MERCED STANDARD SPECIFICATIONS FOR PUBLIC WORKS. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS OBSTRUCTIONS TO THE PROPOSED WORK. THE ENGINEER HAS CONDUCTED VISUAL INSPECTIONS OF THE SITE AND HAS FOUND NO OBVIOUS OBSTRUCTIONS TO THE PROPOSED WORK.

PROJECT: COMMUNITY PARK-42
 SHEET: C2.2 OF 75



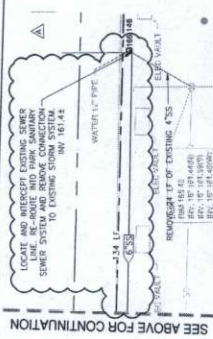
MATCHLINE 'G' - SEE SHEET C2.2

MATCHLINE 'E' - THIS SHEET

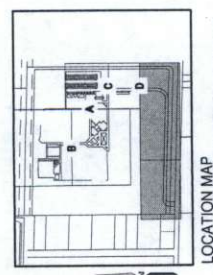
MATCHLINE 'E' - THIS SHEET

SEE BELOW FOR CONTINUATION

MISSION AVENUE



SEE ABOVE FOR CONTINUATION



LOCATION MAP



SCALE 1" = 20'



DATE: 07/12/2023	Sheet	C2.4	25 of 75
DATE: 07/12/2023			
SCALE: AS SHOWN			

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

UTILITY PLAN



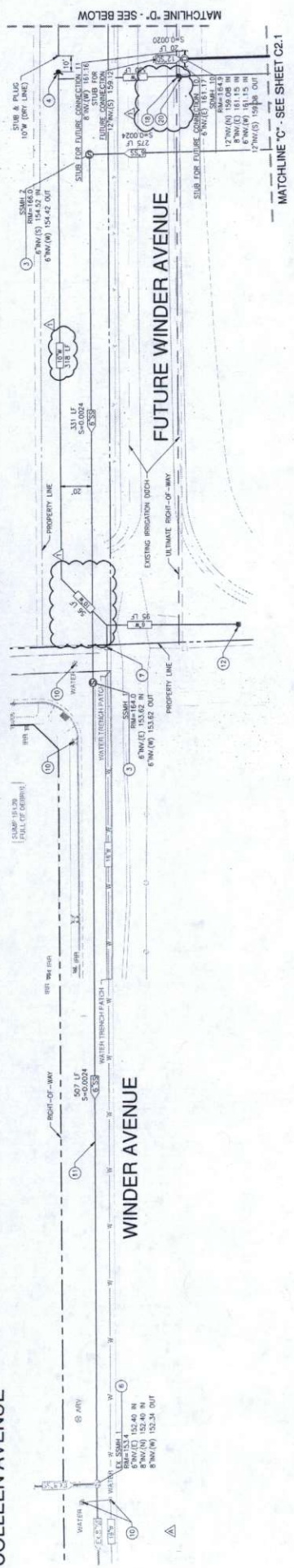
City of Merced
 ENGINEERING
 ENGINEERING PROJECTS AND STANDARDS
 601 W. 10th Street (209) 385-8486

Underground Service Alert
TWO DAYS BEFORE YOU DIG

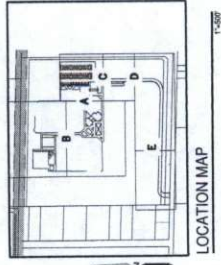
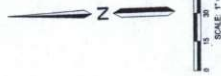
NO. DATE	BY	REVISION MADE
1	2/7/23	AS NOTED
2	7/17/23	AS NOTED
3	8/14/23	AS NOTED

COLLEEN AVENUE

BARROSO AVENUE



TYLER ROAD



O'DELL
ENGINEERING



PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

DATE: 07/12/2023
BY: SAK/AM
CHECKED: SAK/AM
SCALE: AS SHOWN

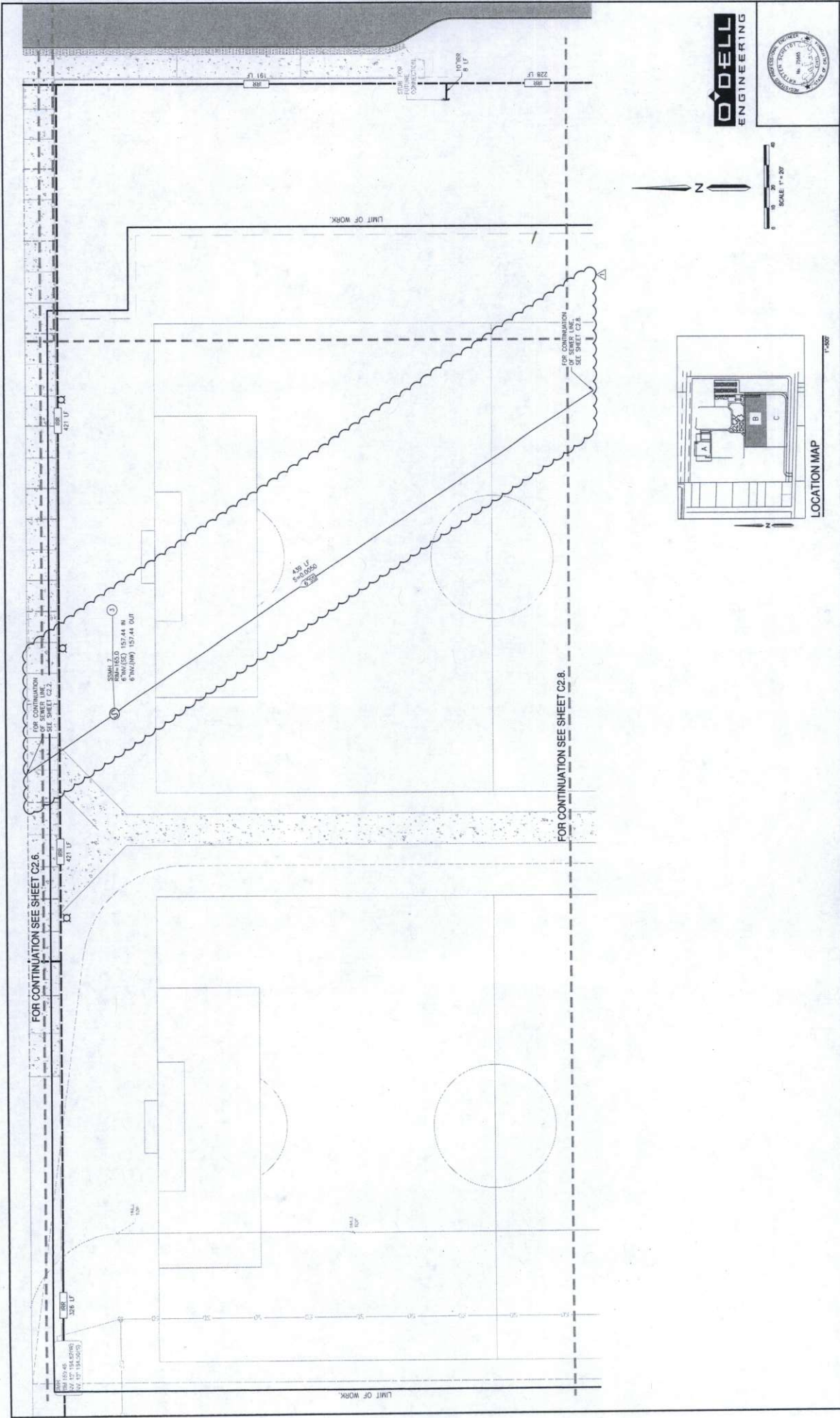
UTILITY PLAN

City of Merced
ENGINEERING
ENGINEERING PROJECTS AND STANDARDS
678 W. 18th Street (209) 385-6448

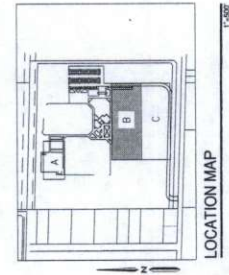
NOTE: DIMENSIONS AND SPACING ARE SHOWN IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL DIMENSIONS AND SPACING ARE APPROXIMATE AND SHALL BE SUBJECT TO FIELD CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND SPACING BEFORE ANY WORK.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
CALL TOLL FREE 1 (800) 227-2800

NO.	DATE	BY	REVISION MADE
1	8/14/23	AM	ADDED SCOPES AREA REVISION



ODELL
ENGINEERING



DATE: 01/17/2003
 DRAWN BY: SA/25/24
 DATE: 01/17/2003
 SCALE: AS SHOWN

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

UTILITY PLAN

City of Merced
 ENGINEERING
 ENGINEERING PROJECTS AND STANDARDS
 674 W. 16th Street (209) 385-6846

NOTE: DIMENSIONS ARE SHOWN IN BRITISH UNITS UNLESS OTHERWISE NOTED. DIMENSIONS SHALL BE AS SHOWN ON THE DRAWING UNLESS OTHERWISE NOTED. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES TO AVOID DAMAGE TO EXISTING UTILITIES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES TO AVOID DAMAGE TO EXISTING UTILITIES.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 CALL TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION/MAKE
1	4/14/23	AW	ISSUED SCOPED AREA IN/ISSON

AMERICAN PAVING CO.

REQUEST FOR INFORMATION

RFI NO: 2

PROJECT: Community Park 42
AMERICAN PAVING CO. JOB NO. 21.2304

DATE: July 28, 2023

TO: City of Merced
CARE OF: Joe Cardoso
678 W 18th St
Merced, CA 95340
(209) 388-7508

FROM: American Paving Co.
Chris Williams
P.O. Box 27587
Fresno, CA 93729
(559) 268-9886

FILING: APC RFI# 002

ATTN: Joe Cardoso

POTENTIAL IMPACTS:

<input checked="" type="checkbox"/> SCHED	<input type="checkbox"/> LABOR
<input checked="" type="checkbox"/> MAT'L	<input type="checkbox"/> NO IMPACT
<input type="checkbox"/> OTHER	

REF. SPECIFICATION:
Bid Item #24 - Sewer Manholes
DRAWING: C2.1, C2.2, C2.3, C2.4,
C2.5,C2.6

RFI SUBMITTED BY: Chris Williams
NEED REPLY BY: August 11, 2023

REQUEST: Bid Item # 24 - Sewer Manholes shows a quantity of 3 EA. When we preformed our take off, we found 6 EA shown on the plans. That's an additional 3 EA. Please verify quantities.

REPLY: Upon review of the bid documents, it was found that 4 manholes were unaccounted for. Line item 24 on bid schedule to be updated to 7 each.

FIRM: O'Dell Engineering

SIGNED: Angel Mariscal

DATE: 8/7/2023

CC:

CLARIFICATION ONLY
 CHANGE IN CONTRACT
 ENGINEER CHANGE
 OTHER _____

AMERICAN PAVING CO.

REQUEST FOR INFORMATION

RFI NO: 5

PROJECT: Community Park 42
AMERICAN PAVING CO. JOB NO. 21.2304

DATE: July 28, 2023

TO: City of Merced
CARE OF: Joe Cardoso
678 W 18th St
Merced, CA 95340
(209) 388-7508

FROM: American Paving Co.
Chris Williams
P.O. Box 27587
Fresno, CA 93729
(559) 268-9886

FILING: APC RFI# 005

ATTN: Joe Cardoso

POTENTIAL IMPACTS:

<input checked="" type="checkbox"/> SCHED	<input type="checkbox"/> LABOR
<input checked="" type="checkbox"/> MAT'L	<input type="checkbox"/> NO IMPACT
<input type="checkbox"/> OTHER	

REF. SPECIFICATION:
Bid Item #33 - 10" Water Line (Offsite)
DRAWING: C2.1, C2.2, C2.3, C2.4,
C2.5,C2.6

RFI SUBMITTED BY: Chris Williams
NEED REPLY BY: August 11, 2023

REQUEST: Bid Item # 33 - 10" Water Line (Offsite) shows a quantity of 1,780 LF. When we preformed our take off, we found 1,290 LF shown on the plans. That's 490 LF less than shown for the bid item. Please verify quantities.

REPLY: Upon review of the bid documents, there is 1,281 LF of 10" water line along Winder. See attached sheet C2.5 revision 2 for revised pipe sizes. Line item 22 on Bid Schedule A to be revised to 1,281 LF.

FIRM: O'Dell Engineering SIGNED: Angel Mariscal DATE: 8/7/2023

CC:

CLARIFICATION ONLY
 CHANGE IN CONTRACT
 ENGINEER CHANGE
 OTHER

315 North Thorne Avenue
PO Box 27587
Fresno, Ca 93729



Telephone: 559-268-9886
Fax: 559-268-2908

October 20, 2023

City of Merced
678 W. 18th Street
Merced, CA 95340

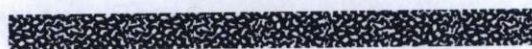
Attn: Joe Cardoso, PLS
Project: Community Park 42
Subject: PCO #4 - Polyolefin Credit REV 2

We are pleased to provide the following credit in response to APC RFI #15 Polyolefin deletion. We will credit all costs for labor, equipment, materials and incidentals to furnish and install the new polyolefin under concrete.

Item	Description	Quantity	U.M.	Unit Price	Total
1	Credit for deletion of Polyolefin under concrete – Base Bid & Change Order #1	1	LS	(\$41,900.00)	(\$41,900.00)
Total					(\$41,900.00)

Should you have any questions, please do not hesitate to contact us at (559) 268-9886.

American Paving Co.
Chris Williams
Chris Williams
Project Engineer



315 North Thorne Avenue
PO Box 27587
Fresno, Ca 93729



Telephone: 559-268-9886
Fax: 559-268-2908

October 13, 2023

City of Merced
678 W. 18th Street
Merced, CA 95340

Attn: Joe Cardoso, PLS
Project: Community Park 42
Subject: PCO #5 – Relocate existing 6” & 12” force main due to new sewer conflict

We are pleased to provide the following proposal to relocate the existing 6” & 12” force main due to new sewer conflict. We will provide all costs for labor, equipment, materials and incidentals to furnish and relocate the existing 6” & 12” force main.

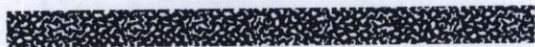
Item	Description	Quantity	U.M.	Unit Price	Total
1	Relocate existing 6” & 12” force main	1	LS	\$12,250.00	\$12,250.00
Total					12,250.00

Should you have any questions, please do not hesitate to contact us at (559) 268-9886.

American Paving Co.

Chris Williams

Chris Williams
Project Engineer





Bid Proposal for CROSSINGS - COMMUNITY PARK 42 - MERCED

MID CAL PIPELINE & UTILITIES

Job Location: MERCED, CA

Bid Date: 10/11/2023

Core & Main 3168765

Core & Main

5364 S. Villa Ave

Fresno, CA 93725

Phone: 559-834-1040

Seq#	Qty	Description	Units	Price	Ext Price
10		6" CROSSINGS			
20	18	6 TJ CL50 PR350 DI PIPE	FT	29.41	529.38
30	4	6 MJ 45 C153 IMP	EA	113.87	455.48
40	8	6 SIGMA SLDEP6 ONE-LOK REST F/DI W/ACC IMP	EA	63.08	504.64
				SUBTOTAL	1,489.50
50		12" CROSSINGS			
60	18	12 TJ PR350 DI PIPE	FT	59.36	1,068.48
70	4	12 MJ 45 C153 IMP	EA	357.87	1,431.48
80	8	12 SIGMA SLDEP12 ONE-LOK REST F/DI W/ACC IMP	EA	164.26	1,314.08
				SUBTOTAL	3,814.04
				Sub Total	5,303.54
				Tax	437.54
				Total	5,741.08

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER'S ACCEPTANCE OF SELLER'S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

BID ITEM DESCRIPTIONS

BID ITEM DESCRIPTIONS

The descriptions below are general descriptions and do not include estimated quantities. See plans and bid summary for estimated quantities. Estimated quantities are provided as a courtesy only. Actual numbers and quantities of symbols on plans prevail.

Bid Item 1 - Surveying Services:

The lump sum bid for this item shall include all labor, materials, tools, equipment, and all work necessary for the completion of this item.

Bid Item 2 - Soil Import:

The lump sum bid for this item shall include all costs for soil import per landscape and civil plans. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 3 - Site Grading (Rough/Fine):

The square footage bid for this item shall include all costs for rough grading, fine grading, and if needed, soil removal and disposal. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 4 -12" Storm Drain Line:

The linear footage price bid for this item shall include all costs for purchase and installation of fully functional storm water drainage systems structures, solid and perforated piping, fittings and components, as indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 5 -Storm Drain Area Drains:

The unit price bid for this item shall include all costs for purchase and installation of fully functional storm water drainage system inlet structures, and related components, as indicated on the Drawings as well as finish grading of landscape areas to meet rim and invert elevations. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 6 -Connect to Existing Storm Sewer

The unit price bid for this item shall include all costs for purchase, line trenching, placement, backfill, and connection to existing storm sewer as indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid form as a pay item.

Bid Item 7 -Electrical:

The lump sum price bid for this item shall include all costs for purchase and installation of a fully functional electrical power and lighting system, including switchboard, panels, transformers, grounding, conduits, pullboxes, conductors, light fixtures (including poles), devices and equipment as indicated on the Drawings and Specifications within Division 26. For light poles and structures listed as bid alternate within this contract, the bidder shall provide a N16 pullbox at the termination point/location as part of base bid. This item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 8 - Concrete Flatwork (Site Finish 'A'):

The square foot price bid for this item shall include all costs for installation, soil preparation forming, sub-grade compaction, concrete additives, pigments and sealers, pouring concrete pavement, finishing, joints, and joint sealants in the areas indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 9 - Plexipave Surfacing Basketball Court Field (Site Finish 'J'):

The square footage price bid for this item shall include all costs for purchase, installation and preparation of Plexipave court including surfacing and the flatwork in the areas indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 10 - Plexipave Surfacing Basketball Court Striping (Site Finish 'K'):

The linear footage price bid for this item shall include all costs for purchase, installation and preparation of Plexipave court striping included on the surfacing in the areas indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 11 - Plexipave Surfacing Basketball Court Perimeter (Site Finish 'L'):

The square footage price bid for this item shall include all costs for purchase, installation and preparation of Plexipave court including surfacing and the flatwork in the areas indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 12 - 2x4 Header at Limit of Work (Site Feature '50'):

The linear footage price bid for this item shall include all costs for purchase, installation, and preparation of header in the areas indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 13 - Basketball Poles, Backboard, and Rim (Site Feature '59'):

The unit price bid for this item shall include all costs for purchase and installation of a Basketball pole, backboard, rim, and footings as indicated on the Drawings. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

Bid Item 31 - Irrigation System:

The lump sum price bid for this item shall include all costs for purchase and installation of irrigation pipe, equipment, heads, bubblers, wires, remote control valves, sensors, backflow preventer, fittings, and all other miscellaneous irrigation components for a fully functioning irrigation system as indicated on the Drawings and Specifications as required in the field. The item also includes labor, materials and all other work required by the Drawings and Specifications which is not specifically set forth in the Bid Form as a pay item.

END OF SECTION

NOT IN USE



SHEET NO. 0035-02 PLAN
 SHEET
C1.7
 16 OF 75
 DATE: 07/17/2023
 CHG BY: SP/DAJ/AJ
 DATE: 07/17/2023
 SCALE: AS SHOWN

ADDITIONAL SCOPE
BID DOCUMENTS


PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

GRADING PLAN - NOT IN USE


City of Merced
 "Gateway to Yosemite"
ENGINEERING
 ENGINEERING PROJECTS AND STANDARDS
 875 W. 18th Street (209) 385-6946

NOTE: CONTRACTORS AND SUBMITTALS SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO ANY EXCAVATION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE UTILITY OWNERS OF ANY WORK.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 CALL TOLL FREE 1 (800) 227-2600



NO.	DATE	BY	REVISION	REASON
1	8/16/23	AM	ADDED SCOPE AREA	REVISIONS

NOT IN USE



DATE: 01/17/2023
BY: SK/DJ/AM
DATE: 01/17/2023
SCALE: AS SHOWN

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

GRADING PLAN - NOT IN USE

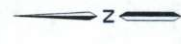
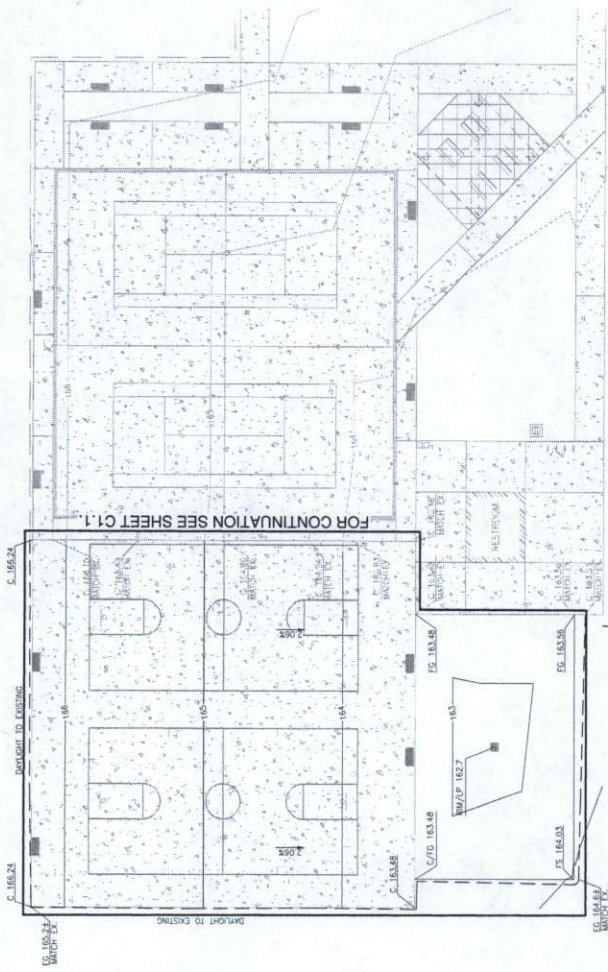


NOTE: ALL DIMENSIONS SHOWN WITHIN DIMENSIONS SHALL TAKE PRECEDENCE AND SHALL BE REFERRED TO THE SITE AND TO ANY NOTES, SPECIFICATIONS OR ANY NOTES.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
Call 1-800-FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	1/16/23	AM	ADDED SCOPE AREA REVISIONS

Sheet No. 012023-02 Rev. 17 of 75
C1.8



SCALE 1"=30'

ADDITIONAL SCOPE
BID DOCUMENTS



The No. 00322-0106
Sheet
C1.9
18 of 75

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

GRADING PLAN

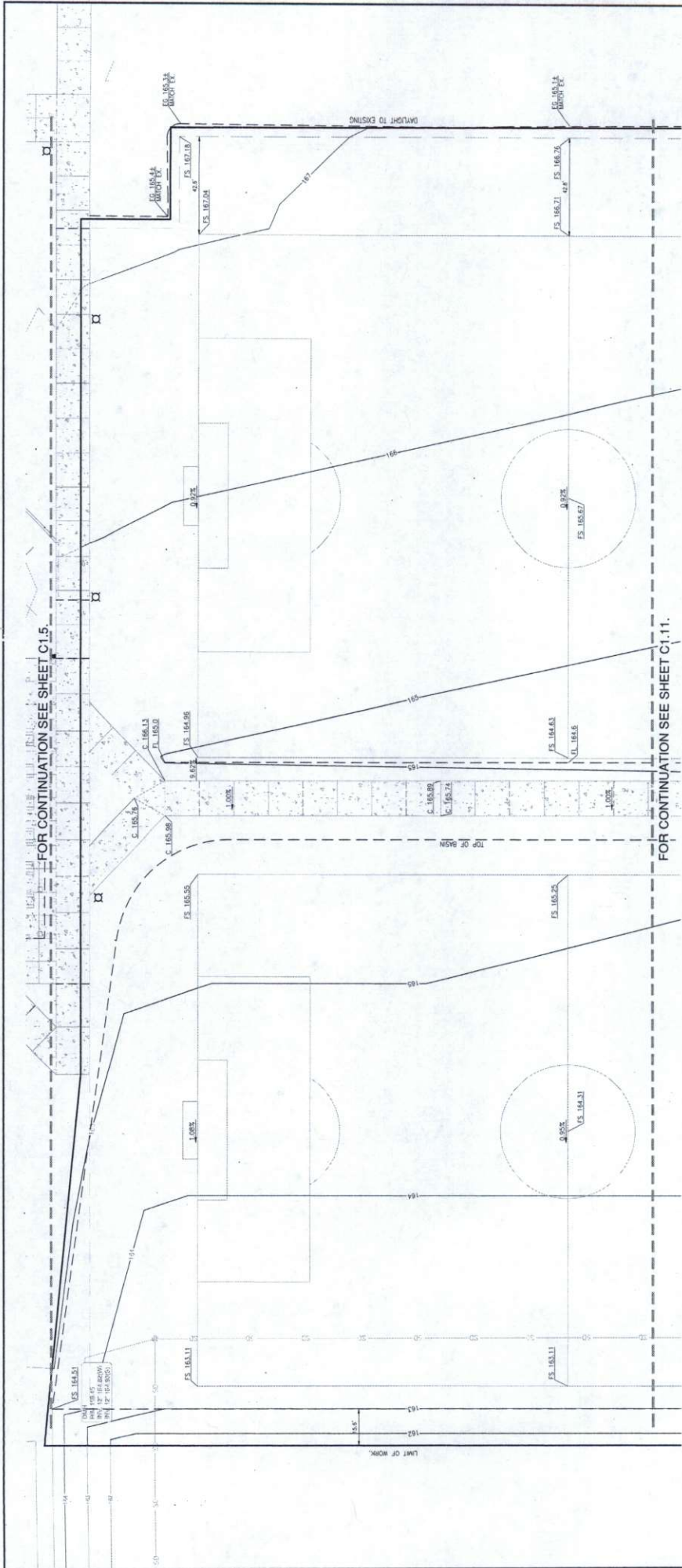
City of Merced
"Gateway to Yosemite"
ENGINEERING
LANDSCAPE ARCHITECTS
878 W. 18th Street Merced, CA 95368
(209) 385-6668

NOTE:
ALL REFERENCES AND WRITTEN
PREFERENCE FOR SCALED
DIMENSIONS SHALL BE
VERIFIED ON THE SITE. ANY
DISCREPANCY SHALL BE
TO THE NOTICE OF THE CONTRACTOR
AT THE COMMENCEMENT
OF ANY WORK.

Underground Service Alert
TWO DAYS BEFORE YOU DIG

Call 1 TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	5/16/23	AM	ADDED SCOPE AREA REVISIONS

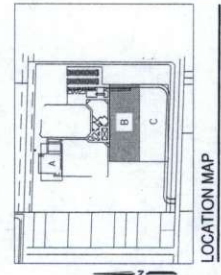


FOR CONTINUATION SEE SHEET C1.5.

FOR CONTINUATION SEE SHEET C1.11.



SCALE: 1" = 20'



DATE: 01/17/2023	DATE: 01/17/2023
BY: [Signature]	BY: [Signature]
CHECKED: [Signature]	CHECKED: [Signature]
DATE: 01/17/2023	DATE: 01/17/2023
SCALE: AS SHOWN	SCALE: AS SHOWN

C1.10
19 of 75

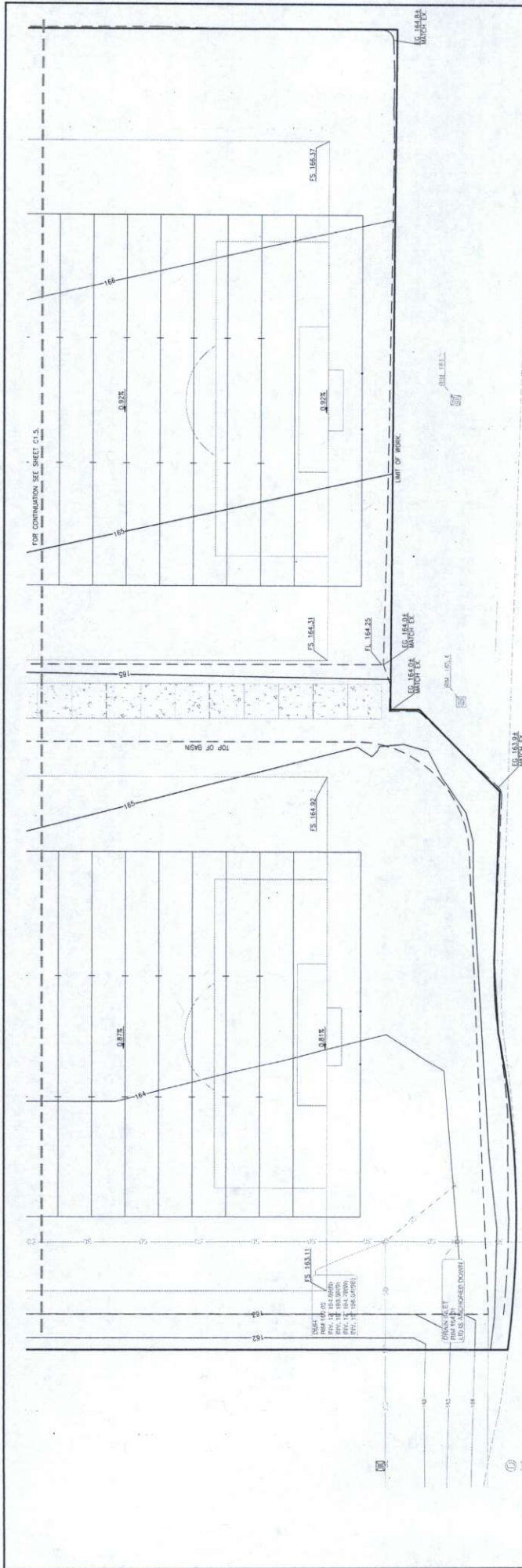
PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

City of Merced
ENGINEERING
ENGINEERING PROJECTS AND STANDARDS
875 W. 18th Street
(209) 385-6446

NOTE: ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.
DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
Call 1-800-4-A-ROOT

NO.	DATE	BY	REVISION MADE
1	6/16/23	AM	ADDED SCOPE AREA REVISIONS



FOR CONTINUATION, SEE SHEET C1.5.

TOP OF BASIN

LIMIT OF WORK

FS 164.31

FL 164.23

FS 164.32

FS 164.34

FS 164.32

FS 164.31

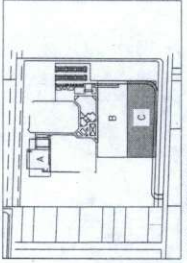
NEAR 164.32
 164.32
 164.32
 164.32
 164.32
 164.32

URBAN ALERT
 LID IS ACHIEVED DOWN



DATE: 01/12/2023
 DRAWN BY: JAC/K/A
 CHECKED BY: JAC/K/A
 SCALE: AS SHOWN

**ADDITIONAL SCOPE
 BID DOCUMENTS**



LOCATION MAP

PROJECT# 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

GRADING PLAN



NOT TO SCALE UNLESS SHOWN OTHERWISE SHALL BE AS SHOWN. VERIFY ALL DIMENSIONS AND LOCATIONS IN THE FIELD BEFORE CONSTRUCTION. NOTIFY THE ENGINEER IMMEDIATELY OF ANY WORK.

Underground Service Alert
 TWO DAYS BEFORE YOU DIG
 CALL TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	5/16/23	AM	ADDED SCOPE AREA REVISIONS

NOT IN USE



SHEET NO. 4200-UP-004
 DATE: 07/12/2023
 CHK BY: SJC/2023
 DATE: 07/12/2023
 SCALE: AS SHOWN
C2.8
 29 OF 75

ADDITIONAL SCOPE
BID DOCUMENTS

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

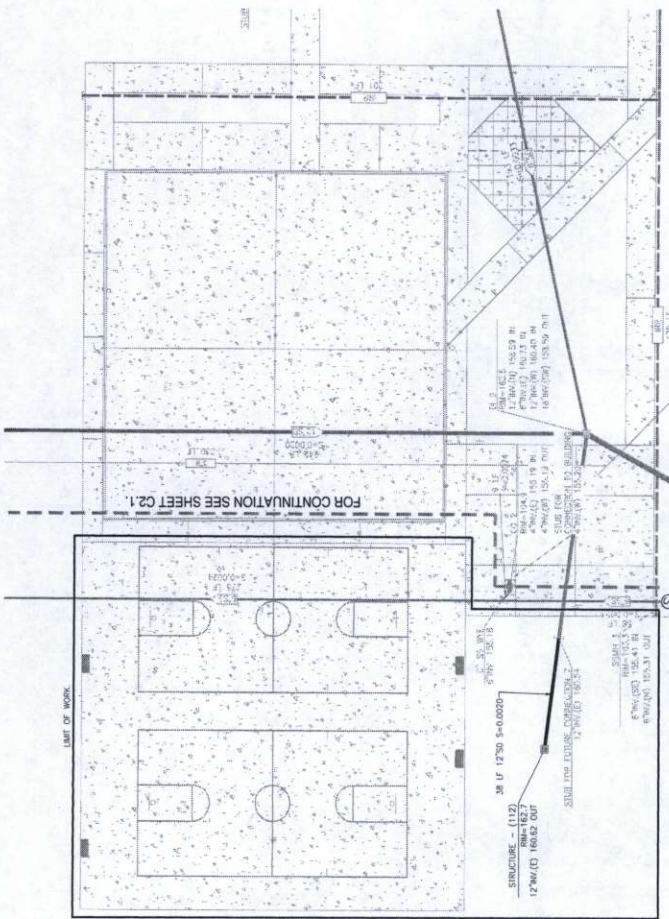
UTILITY PLAN - NOT IN USE


City of Merced
 ENGINEERING
 ENGINEERING PROJECTS AND STANDARDS
 878 W. 10th Street (209) 385-6448

NOTE: CONTRACTORS AND SUBMITTERS
 DIMENSIONS SHALL TAKE
 DIMENSIONS AND SHALL BE
 REFERRED TO THE SITE AND
 TO NOTES OF THE ENGINEER
 OF ANY WORK.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 Call TOLL FREE 1 (800) 227-2600

NO	DATE	BY	REVISION MADE
1	15/16/23	AM	ADDED SCOPE AREA REVISIONS



FOR CONTINUATION SEE SHEET C2.1

STRUCTURE - (112)
 12" DIA. (10) 161662.00F

MANHOLE - (112)
 12" DIA. (10) 161662.00F

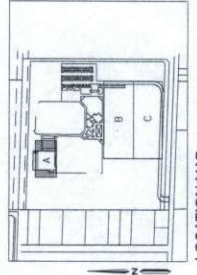
MANHOLE - (112)
 12" DIA. (10) 161662.00F

MANHOLE - (112)
 12" DIA. (10) 161662.00F



PROJECT# 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

ADDITIONAL SCOPE
 BID DOCUMENTS



UTILITY PLAN

UTILITY PLAN

City of Merced
 ENGINEERING
 478 W. 18th Street
 Merced, CA 95341
 (209) 385-6546

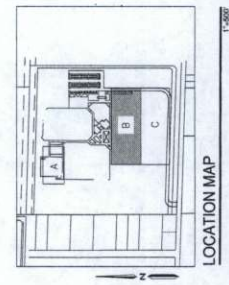
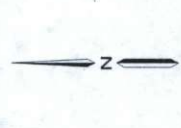
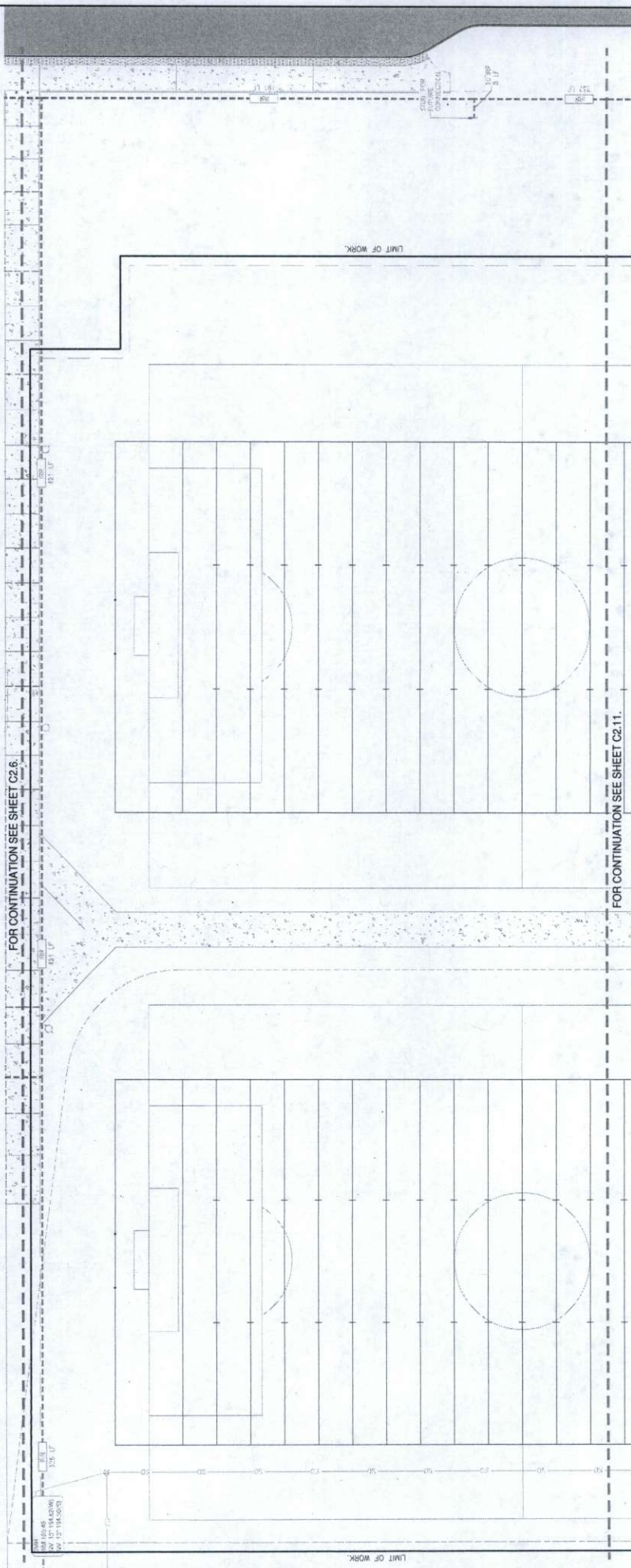
NOTE: REVISIONS AND NOTES
 SHALL BE MADE IN THE
 MARGINS OF THIS SHEET
 AND SHALL BE REFERRED TO
 BY THE SHEET NUMBER
 AND THE REVISION NUMBER
 OF ANY WORK

Underground Service Alert
 TWO DAYS
 BEFORE
 YOU DIG
 800.488.1111

NO.	DATE	BY	REVISION MADE
1	6/15/23	AM	ADDED SCOPE AREA REVISIONS

DATE: 01/12/2023
 DRAWN BY: S.K./K.A./K
 CHECKED BY: S.K./K.A./K
 SCALE: AS SHOWN

Sheet
C2.9
 30 OF 75



PROJ. NO. 40035-UP 0048
 SHEET
C2.10
 31 of 75

REV. BY: B / K
 DATE: 01/12/2021
 CHK. BY: S/P/K/M/A
 DATE: 01/12/2021
 SCALE: AS SHOWN

ADDITIONAL SCOPE
 BID DOCUMENTS

PROJECT# 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

UTILITY PLAN

City of Merced
 "Community is Paramount"

ENGINEERING
 ENGINEERING & ARCHITECTURE
 878 W. 14th Street, Merced, CA 95354
 (209) 385-6546

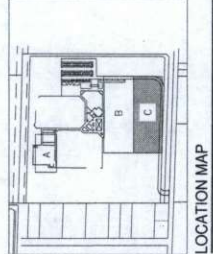
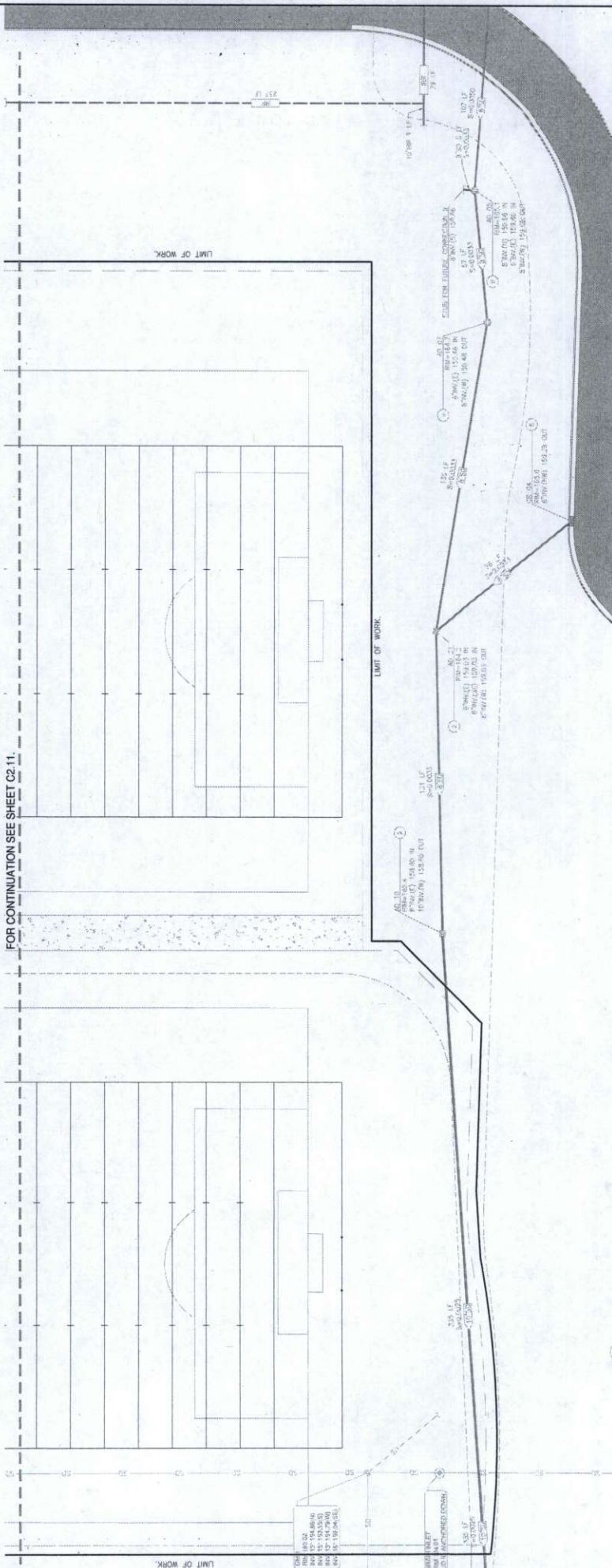
NOTE:
 ALL REFERENCES AND SPECIFICATIONS
 REFERENCED IN THESE PLANS SHALL BE
 INTERPRETED ON THE BASIS OF THE
 INTENT OF THE CONTRACT DOCUMENTS
 TO AVOID ANY AMBIGUITY OR
 CONFLICT OF ANY KIND.

Underground Service Alert
 TWO DAYS
 BEFORE
 YOU DIG

Get 100% FREE 1 (800) 227-2800

NO.	DATE	BY	REVISION MADE
1	16/16/23	AM	AUGED SCOPE AREA REVISIONS

FOR CONTINUATION SEE SHEET C2.11.



SCALE 1" = 20'

**ADDITIONAL SCOPE
BID DOCUMENTS**

DATE: 01/12/2023
 DRAWN BY: SJK/AM
 DATE: 01/12/2023
 SCALE: AS SHOWN

C2.11
 32 of 75

**PROJECT# 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL**

UTILITY PLAN

City of Merced
 ENGINEERING
 678 W. 18th Street
 (209) 385-8868

NOTE:
 ALL REFERENCES AND NOTICES
 PREFERRED FOR THE LOCAL
 JURISDICTION OF THE CITY OF
 MERCEDES. THE USER SHALL
 BE RESPONSIBLE FOR OBTAINING
 ALL NECESSARY PERMITS AND
 TO NOTIFY THE CONTRACTOR
 OF ANY WORK.

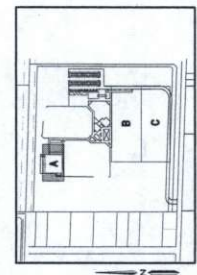
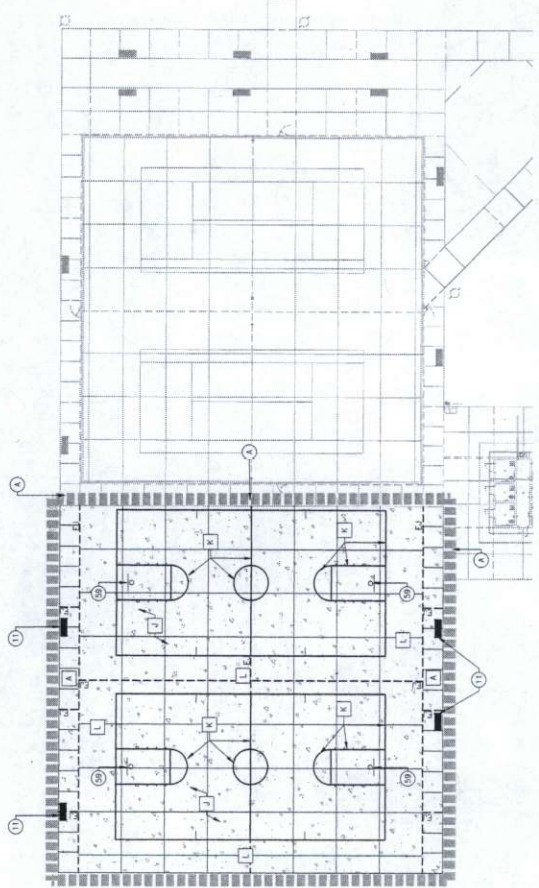
Underground Service Alert
 TWO DAYS
 BEFORE
 YOU DIG
 CALL 811 OR 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	1/16/23	AM	ADDED SCOPE AREA REVISIONS

SITE FEATURE SCHEDULE (SHEETS L1.9-L1.11 ONLY)

ITEM	DESCRIPTION / MODEL	COLOR	QUANTITY	MANUFACTURER / SUPPLIER / INFORMATION	DET REF
1	BENCH / MODEL: 424 OR EQUAL	NATURAL	4 EA	OUTDOOR CREATIONS / WWW.OUTDOORCREATIONS.COM / CHAD SMITH / 530-395-8106	4/LS.1
10	SOCCER GOAL / MODEL: 223P-00A OR EQUAL	GALVANIZED	4 EA	PATTERSON WILLIAMS / WWW.PWMLTD.COM / 866-295-7028	6/LS.0
20	2x4 REDWOOD HEADER BOARD AT LIMIT OF PHASE 1	NATURAL	1,477 LF		
30	SOCCER FIELD STRIPING			BY CITY OF MERCED	
40	FOOTBALL FIELD STRIPING				
50	CHAIN LINK SAFETY FENCING BEHIND SOCCER GOALS WITH CONCRETE FIELD MARKER REINTEGRATION SQUARE	BLACK	542 LF		1/LS.1
60	BASKETBALL GOAL / MODEL # JA-1254	ALUMINUM	4 EA		7/LS.2
70	WITH WHITE BACKBOARD / MODEL # JA-01-02A				
80	18' / MODEL # JA-100	GALVANIZED STEEL	4 EA	HOSCAL OUTDOOR SUPPLY / EFT WITHAM / P1 (825) 894-9075	1/LS.10

SITE FINISH SCHEDULE (SHEETS L1.9-L1.11 ONLY)					
FINISH	DESCRIPTION	COLOR	QUANTITY	PATTERN / INFORMATION	DET REF
A	CONCRETE FLOORWORK	NATURAL	23,868 SF	MEDIUM BROOM FINISH / PERPENDICULAR TO PATH OF TRAVEL	1/LS.3 1A/LS.4 1A/LS.8
F	PAINTING AREA - SEE PAINTING PLANS				
G	TURF AREA - SEE PLANTING PLANS				
J	PLEASANT COURT SURFACING - BASKETBALL FIELD	SEE DETAIL	9,400 SF	CALIFORNIA SPORTS SURFACES / WWW.CALIFORNIASPORTSURFACES.COM / 916-623-3980	2/LS.10
K	PLEASANT COURT SURFACING - BASKETBALL STRIPING	SEE DETAIL	1,100 LF	CALIFORNIA SPORTS SURFACES / WWW.CALIFORNIASPORTSURFACES.COM / 916-623-3980	2/LS.10
L	BASKETBALL PERIMETER		4,825 SF		2/LS.10



**ADDITIONAL SCOPE
BID DOCUMENTS**

SHEET NOTES

- A. SEE SHEET L1.0 FOR IMPROVEMENT PLANS FOR CONSTRUCTION AND ADDITIONAL INFORMATION.
- B. FOR GENERAL NOTES, SEE SHEET L1.0 OF THESE BID IMPROVEMENT PLANS, DATED 2/2/23.

THE NO. 122061-010
 SHEET
 DATE: 07/17/2023
 BY: BK/PA/AS
 DATE: 07/17/2023
 SCALE: 1"=30'

L1.9
 24 of 75



**PROJECT 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL**

**SITE FEATURES AND FINISHES
 PLAN**

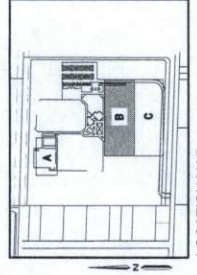
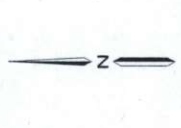
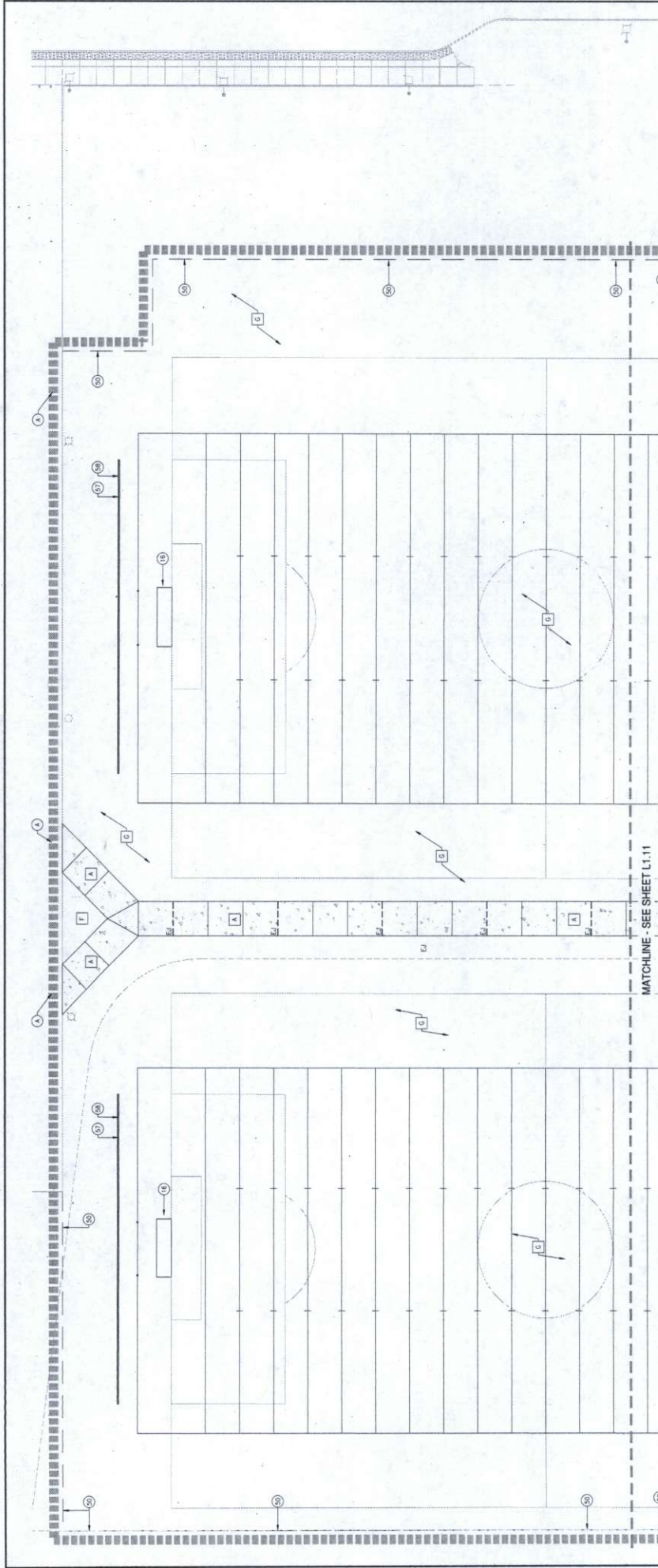
City of Merced
 Community to Tomorrow

ENGINEERING
 678 W. 18th Street
 (209) 388-2446

Underground Service Alert
 TWO DAYS
 BEFORE
 YOU DIG

CALL 1-800-4-A-SHIELD
 1 (800) 227-2600

NO.	DATE	BY	REVISION / MAKE
1	1/6/16/23	TF	ADDED SCOPE AREA REVISIONS



SHEET NOTES

- 1. LIMIT OF WORK FOR THESE PLANS, SEE BASE BID IMPROVEMENT PLANS FOR CONSTRUCTION AND ADJUSTING INFORMATION.
- 2. FOR DETAILS, NOTES, SEE SHEET L1.12 OF BASE BID IMPROVEMENT PLANS, DATED 2/23/23.

NOTE: ALL REFERENCES AND WRITTEN REFERENCES TO BE SAID TO BE ON THE SITE. ANY CHANGES TO THE PROJECT MUST BE MADE IN WRITING AND TO THE NOTICE OF THE ENGINEER OF ANY WORK COMMENCED.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 Call 1-800-4-A-SAFE 1 (800) 227-2800

NO.	DATE	BY	REVISION MADE
1	5/12/23	TF	ADDED SCOPE AREA REVISIONS



PROJECT # 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

DATE: 01/12/2023
 CH. NO. 50/27/A
 SHEET: 01/12/2023
 SCALE: 1"=20'

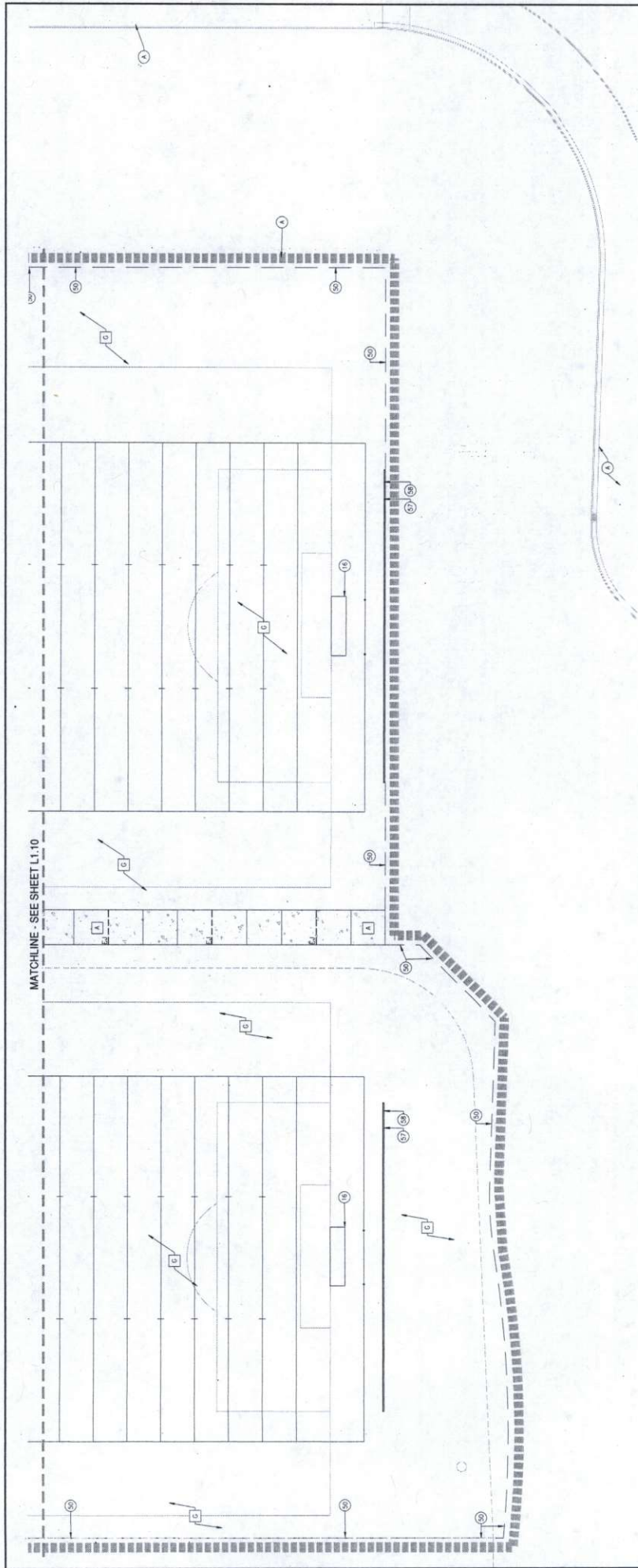
City of Merced
 "Cultivating a Tomorrow"
ENGINEERING
 ENGINEERS & ARCHITECTS
 678 W. 18th Street (2023) 365-6846

ADDITIONAL SCOPE BID DOCUMENTS

PROJECT # 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

DATE: 01/12/2023
 CH. NO. 50/27/A
 SHEET: 01/12/2023
 SCALE: 1"=20'

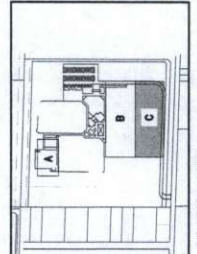
L1.10
 24 of 75



DATE: 07/12/2023
 CH. BY: SP/CK/A
 DATE: 07/12/2023
 SCALE: 1"=20'

PROJECT # 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL

ADDITIONAL SCOPE
 BID DOCUMENTS



SHEET NOTES

(A) LIMIT OF WORK FOR THESE PLANS. SEE BASE BID IMPROVEMENT PLANS FOR CONTIGUOUS AND ADJACENT IMPROVEMENTS.

(B) LIMIT OF WORK FOR THESE PLANS. SEE BASE BID IMPROVEMENT PLANS, DATED 2/7/23.

**SITE FEATURES AND FINISHES
 PLAN**

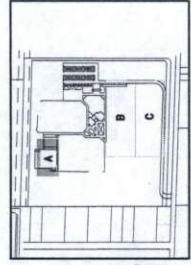
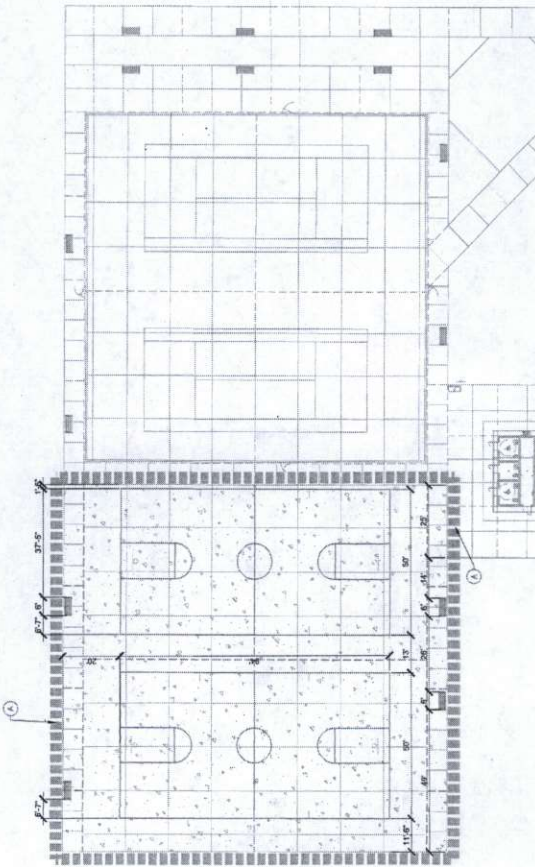
City of Merced
 "Cultivating Tomorrow"
ENGINEERING
 875 N. 105 Street | (209) 345-6445



NOTE:
 ALL REFERENCES AND WRITTEN PREFERENCE OVER SHOWN PREFERENCES ON THE SITE. ANY CHANGES TO THE WORK SHALL BE MADE BY THE CONTRACTOR TO THE NOTICE OF THE ENGINEER OF ANY MANNER.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 CALL TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	8/16/23	TF	ADDED SCOPE AREA REVISIONS



SHEET NOTES

- 1. SEE BASE BID IMPROVEMENT PLANS FOR CONTINUATION AND ADDITIONAL NOTES.
- 2. FOR GENERAL NOTES, SEE SHEET 11.0 OF BASE BID IMPROVEMENT PLANS, DATED 2/2/23.

ADDITIONAL SCOPE BID DOCUMENTS



DATE: 01/12/2023
 DRAWN BY: JF/2023
 CHECKED BY: JF/2023
 SCALE: 1"=20'
 SHEET NO. 122061-1200
L2.9
 32 of 75

**PROJECT# 122061
 LANDSCAPE IMPROVEMENT PLANS
 COMMUNITY PARK-42
 BID SUBMITTAL**

HORIZONTAL CONTROL PLAN

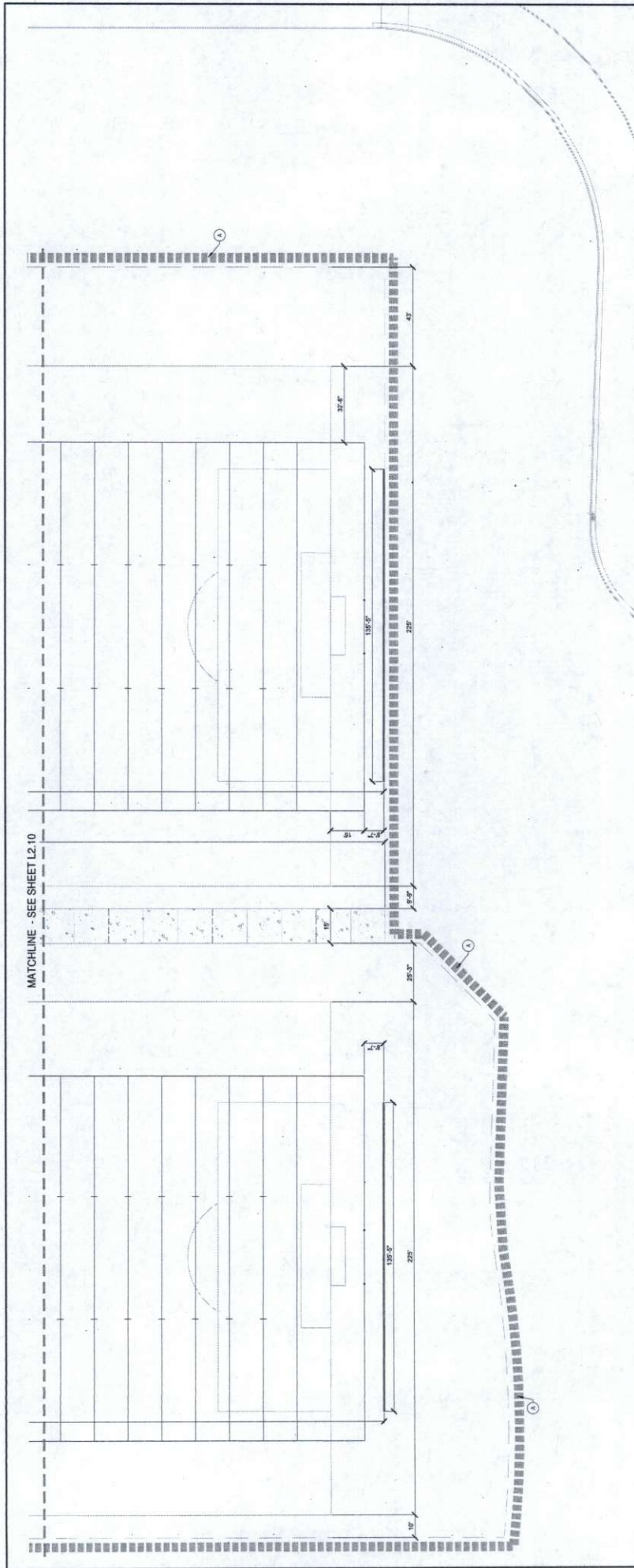
City of Merced
 ENGINEERING
 874 W. 18th Street, Merced, CA 95324
 (209) 385-6948



NOTE: ALL DIMENSIONS AND SPACING SHALL BE AS SHOWN UNLESS OTHERWISE NOTED. VERIFY ALL DIMENSIONS AND SPACING ON THE SITE. ANY CHANGES TO THE PLAN SHALL BE MADE IN WRITING AND APPROVED BY THE ENGINEER BEFORE CONSTRUCTION OF ANY PART.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 Call TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	6/16/23	JF	ADDED SCOPE AREA REVISIONS



MATCHLINE - SEE SHEET L2.10



DATE: 01/17/2023	DATE: 01/17/2023
DESIGNED BY: SK/DZ/AM	CHECKED BY: SK/DZ/AM
DATE: 01/17/2023	DATE: 01/17/2023
SCALE: 1"=20'	SCALE: 1"=20'

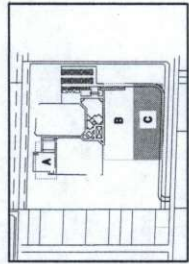
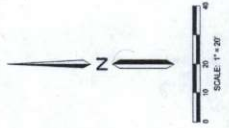
PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

HORIZONTAL CONTROL PLAN

City of Merced
"Gateway to Yosemite"
ENGINEERING
 6078 N. 18th Street, (209) 385-8446

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 Call 1242, Press 1 | (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	01/16/23	TF	ADDED SCOPE AREA, REVISIONS











SHEET NOTES
 SEE BASE BID IMPROVEMENT PLANS FOR CONTINUATION AND ADDITIONAL INFORMATION. NOTES SEE SHEET L1.0 OF BASE BID IMPROVEMENT PLANS, DATED 2/17/23.

ADDITIONAL SCOPE BID DOCUMENTS

L2.11
 32 of 75

IRRIGATION SCHEDULE (SHEETS L3.6-L3.8 ONLY)

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS	DETAIL
	HUNTER 1-20-06-MPR-25 30 ADJUSTABLE AND FULL CIRCLE STAINLESS STEEL RISER, DRAIN CHECK VALVE, WSPR NOZZLE.	15	45	VARIABLE	30' +/-	2/0.6.1
	HUNTER 1-20-06-MPR-55 30 ADJUSTABLE AND FULL CIRCLE STAINLESS STEEL RISER, DRAIN CHECK VALVE, WSPR NOZZLE.	8	45	VARIABLE	25' +/-	2/0.6.1
	HUNTER 1-50-06-SS 30 ADJUSTABLE AND FULL CIRCLE STAINLESS STEEL RISER, DRAIN CHECK VALVE, WSPR NOZZLE.	108	70	25.6	55' +/-	2/0.6.1
	HUNTER 1-50-06-SS 30 ADJUSTABLE AND FULL CIRCLE STAINLESS STEEL RISER, 1" FEMALE NPT INLET THROUGH STANDARD NOZZLE.	8	70	16.6	55' +/-	2/0.6.1
	HUNTER 1-50-06-SS 30 ADJUSTABLE AND FULL CIRCLE STAINLESS STEEL RISER, 1" FEMALE NPT INLET THROUGH STANDARD NOZZLE.	2	70	12.2	55' +/-	2/0.6.1

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS	DETAIL
	RAIN BIRD PCT - 0.5 PRESSURE COMPENSATING THREADED LOW-FLOW VALVE WITH 1/2" NPT INLET AND 1/2" NPT OUTLET.	23	15	5	5/16.1	5/16.1
	RAIN BIRD RW - 1/2" NPT W/RAIN BIRD LOWBY-1000 AND RAIN BIRD 1" PLASTIC INDUSTRIAL VALVES WITH SCRIBER TECHNOLOGY, BODK PRESSURE REGULATOR, INSTALLED IN RAIN BIRD VSDU VALVE BOX FOR LOCAL.	2	20	20	5/16.1	5/16.1
	RAIN BIRD RW - 1/2" NPT W/RAIN BIRD LOWBY-1000 AND RAIN BIRD 1" PLASTIC INDUSTRIAL VALVES WITH SCRIBER TECHNOLOGY, BODK PRESSURE REGULATOR, INSTALLED IN RAIN BIRD VSDU VALVE BOX FOR LOCAL.	58	20	20	5/16.1	5/16.1

PIPING SCHEDULE

PIPE SLEEVING NOTES FOR SIZE

- SLEEVE SCH 40 PVC PIPE
- MANLINE SIZE
- MANLINE SIZE
- LATERAL SIZE
- LATERAL SIZE
- LATERAL SIZE
- LATERAL SIZE
- LATERAL SIZE
- LATERAL SIZE
- LATERAL SIZE

IRRIGATION SCHEDULE

SCHEDULING NOTES & RUN TIMES

WATERING CYCLES AND DURATION DURING PRE-ESTABLISHMENT PERIODS SHOULD BE ADJUSTED PER PAINT PROVIDER'S RECOMMENDATIONS AND CURRENT WEATHER CONDITIONS.

POST ESTABLISHMENT IRRIGATION SCHEDULE CALCULATED USING AVERAGE CLIMATE CONDITIONS AND EXTREME AND SITE SPECIFIC CONDITIONS WILL RESULT IN ETC ADJUSTMENTS AND MAY REQUIRE ADJUSTMENTS TO SCHEDULE FREQUENCY/DURATION.

IRRIGATION CONTROLLER SHALL BE CONFIGURED TO RUN ALL ZONES ON SOW CYCLES.

SECTOR RUN-TIMES ARE SHOWN IN MINUTES PER DAY (M/D) AND DAYS PER WEEK (D/W)

WINTER	SPRING		SUMMER		FALL	
	PRE-EST.	POST-EST.	PRE-EST.	POST-EST.	PRE-EST.	POST-EST.
6 M/D	12 M/D	21 M/D	43 M/D	22 M/D	11 M/D	22 M/D
2 M/D	5 M/D	8 M/D	16 M/D	8 M/D	4 M/D	8 M/D
8 M/D	19 M/D	30 M/D	70 M/D	31 M/D	15 M/D	38 M/D

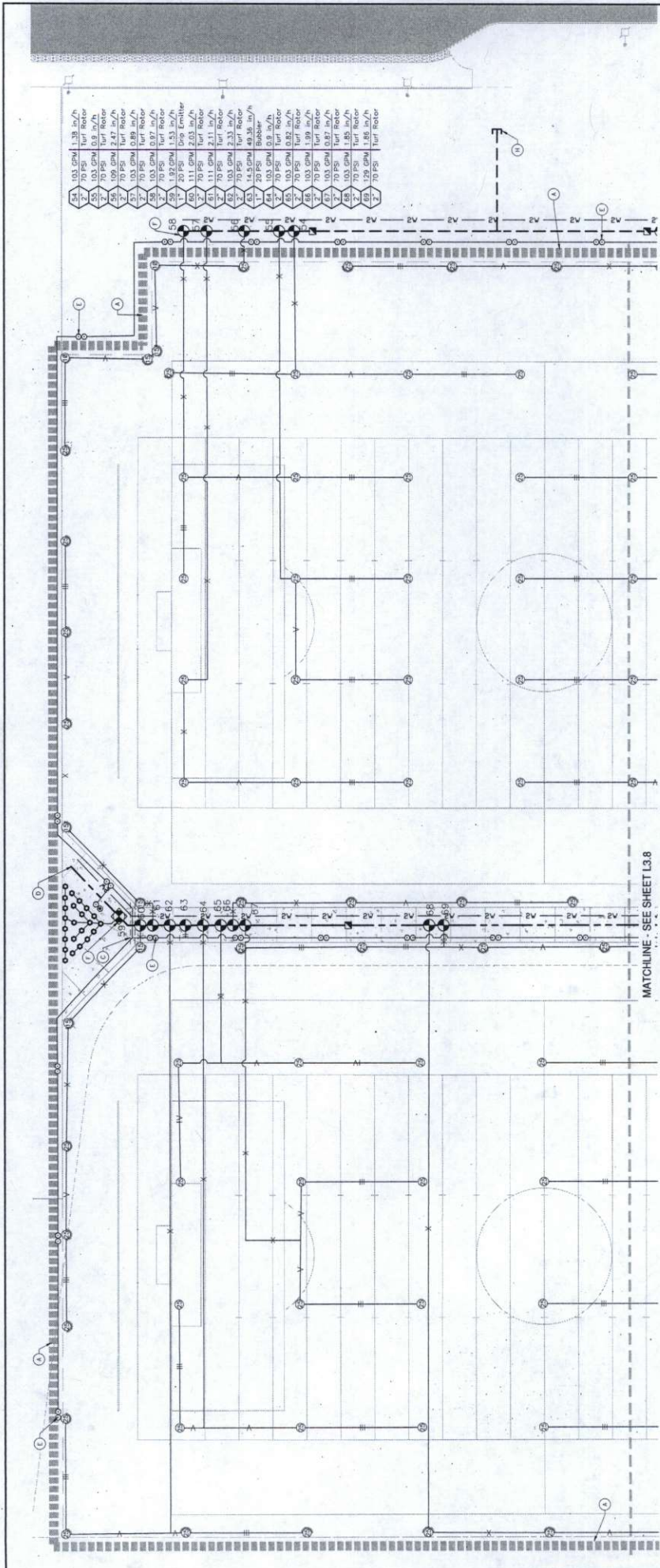
WATER BUDGET CALCULATIONS	MAXIMUM APPLIED WATER ALLOWANCE	ESTIMATED TOTAL WATER USE
$MAWA = (ET_c)(0.62) / ((0.45)(SLA))$ LOCAL ET _c = 31.5 SLA = 226,609 7,214,200 GAL	$ETWU = (ET_c)(0.42) / ((PP)(HA)(E) + SLA)$ LOCAL ET _c = 51.5 SEE BELOW 7,213,605 GAL	ESTIMATED TOTAL WATER USE (ETWU) 13,371 GAL 3,563 GAL TOTAL = 16,935 GAL

HYDROZONE INFORMATION TABLE	LANDSCAPE AREAS	SPECIAL LANDSCAPE AREAS
HYDROZONE I/G PLANT FACTOR (PF) (TREE/RWS/ADEQUATE) 0.40 (SHRUB/PARBLEY/LDW) 0.24	IRRIGATION EFFICIENCY (IE) 0.81 0.81	4.7, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

IRRIGATED LANDSCAPE WATER EFFICIENCY TABLE		
IRRIGATION EFFICIENCY (IE) 0.81 0.81	IRRIGATION EFFICIENCY (IE) 0.81 0.81	IRRIGATION EFFICIENCY (IE) 0.81 0.81

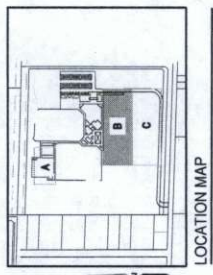
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SHEET NOTES (NOT ALL APPLY TO THIS SHEET)

- (A) NO NEW IRRIGATION IS PROPOSED FOR THIS AREA UNDER THIS SCOPE OF WORK.
- (B) FOR GENERAL IRRIGATION NOTES, SEE SHEET L3.0 OF BASE BID IMPROVEMENT PLANS, DATED 2/2/23.
- (C) (1) 5" SCH 40 PVC LATERAL LINE SLEEVES
- (D) CONNECT MAINLINE AND 2-WIRE PATH TO EXISTING MAINLINE AND 2-WIRE PATH TO EXISTING L3.0-L3.4 BASE BID IMPROVEMENT PLANS, DATED 2/2/23 FOR ADDITIONAL INFORMATION.
- (E) NEW PIPES AND VALVES SHOWN IN HARDSCAPE FOR GRAPHIC CLARITY. INSTALL IN ADJACENT LANDSCAPE AREA NEAR ROOT BALL OF TREES.
- (F) MAINLINE AND VALVES SHOWN IN HARDSCAPE FOR GRAPHIC CLARITY. INSTALL IN ADJACENT LANDSCAPE AREA, TYPICAL.
- (G) STUB MAINLINE FOR FUTURE USE.
- (H) CONNECT MAINLINE AND 2-WIRE PATH TO STUB PROVIDED PER BASE BID IMPROVEMENT PLANS. SEE SHEETS L3.0-L3.4 OF BASE BID IMPROVEMENT PLANS, DATED 2/2/23 FOR ADDITIONAL INFORMATION.
- (I) SEE BASE BID IMPROVEMENT PLANS FOR CONTINUATION AND ADDITIONAL INFORMATION, BASED BID PLANS DATED 2/2/23.



ADDITIONAL SCOPE BID DOCUMENTS



SHEET NO. 83320-B-0006
 DATE: 8/16/23
 DRAWN BY: J. [Name]
 CHECKED BY: [Name]
 SCALE: 1"=20'
L3.7
 42 of 75

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

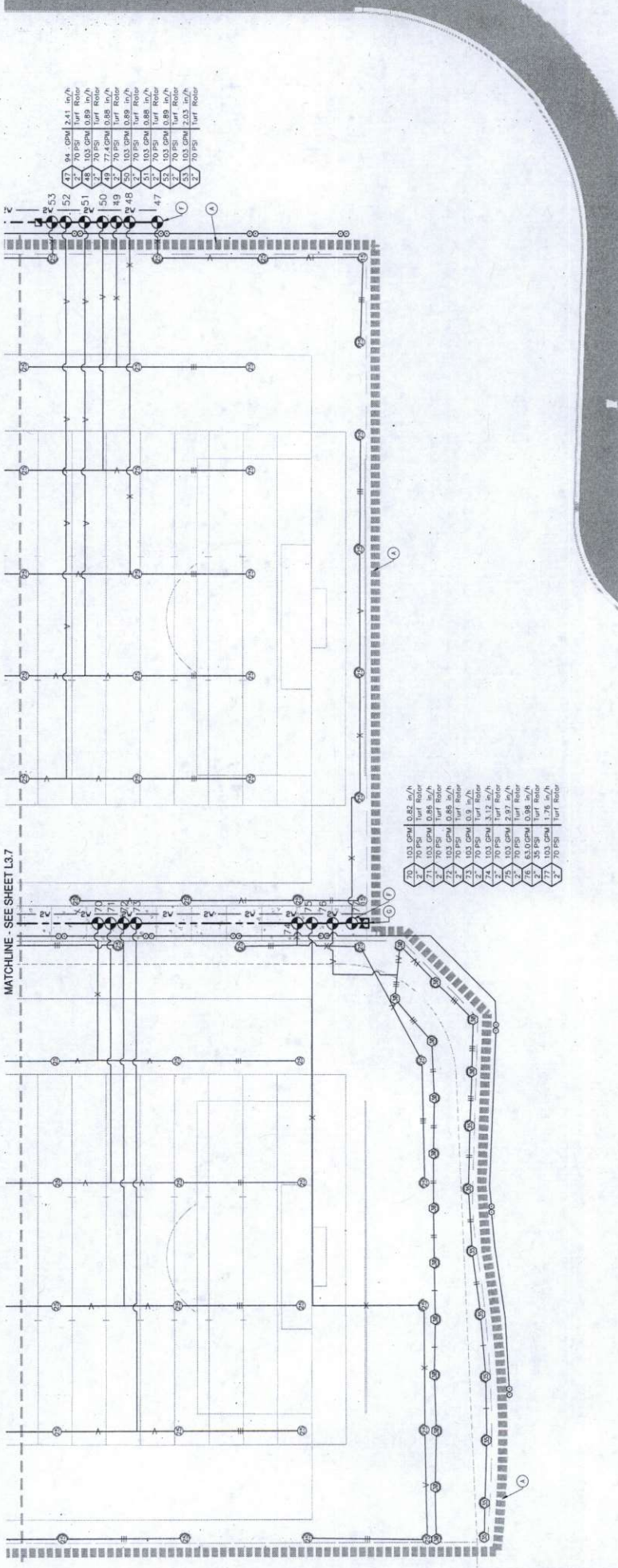
IRRIGATION PLAN

City of Merced
 City Engineer
City of Merced Engineering
 ENGINEERS ARCHITECTS
 674 W. 18th Street
 Merced, CA 95350
 (209) 385-6846

NOTE:
 ALL DIMENSIONS ARE SHOWN
 UNLESS OTHERWISE NOTED.
 PREFERENCES OVER SCALED
 DIMENSIONS ON THE SITE. ANY
 CHANGES TO THE DRAWING
 TO BE MADE BY THE CONTRACTOR
 AT HIS OWN RISK.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 Call TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	8/16/23	TF	ADDED SCOPE AREA REVISIONS

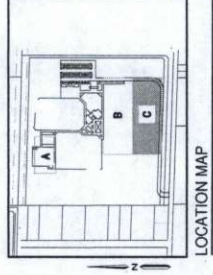


MATCHLINE - SEE SHEET L3.7

51	84 GPM	2.41 in/h	Turf Rotator
52	70 PSI		
48	103 GPM	0.89 in/h	Turf Rotator
49	70 PSI		
50	103 GPM	0.89 in/h	Turf Rotator
49	70 PSI		
53	103 GPM	0.89 in/h	Turf Rotator
54	70 PSI		
55	103 GPM	0.89 in/h	Turf Rotator
56	70 PSI		
57	103 GPM	0.89 in/h	Turf Rotator
58	70 PSI		
59	103 GPM	0.89 in/h	Turf Rotator
60	70 PSI		
61	103 GPM	0.89 in/h	Turf Rotator
62	70 PSI		
63	103 GPM	0.89 in/h	Turf Rotator
64	70 PSI		
65	103 GPM	0.89 in/h	Turf Rotator
66	70 PSI		
67	103 GPM	0.89 in/h	Turf Rotator
68	70 PSI		
69	103 GPM	0.89 in/h	Turf Rotator
70	70 PSI		

70	103 GPM	0.82 in/h	Turf Rotator
71	70 PSI		
72	103 GPM	0.89 in/h	Turf Rotator
73	70 PSI		
74	103 GPM	0.89 in/h	Turf Rotator
75	70 PSI		
76	103 GPM	0.9 in/h	Turf Rotator
77	70 PSI		
78	103 GPM	2.97 in/h	Turf Rotator
79	70 PSI		
80	103 GPM	1.76 in/h	Turf Rotator
81	70 PSI		
82	103 GPM	1.76 in/h	Turf Rotator
83	70 PSI		
84	103 GPM	1.76 in/h	Turf Rotator
85	70 PSI		

- SHEET NOTES (NOT ALL MAY APPEAR ON THIS SHEET)**
- A NO NEW IRRIGATION IS PROPOSED FOR THIS AREA UNDER THIS SCOPE OF WORK.
 - B FOR GENERAL IRRIGATION NOTES, SEE SHEET L3.0 OF BASE BID IMPROVEMENT PLANS, DATED 2/2/23.
 - C (1) 3" SCH 40 PVC LATERAL LINE SLEEVE
 - D CONNECT MAINLINE AND 2-WIRE PATH TO EXISTING MAINLINE AND 2-WIRE PATH. SEE SHEETS L3.0-L3.4 OF BASE BID IMPROVEMENT PLANS, DATED 2/2/23 FOR ADDITIONAL INFORMATION.
 - E TREE BUBBLES/PMS ARE SHOWN IN HATCHWORK FOR GRAPHIC CLARITY. INSTALL IN ADJACENT LANDSCAPE AREA NEAR ROOT BALL OF TREES.
 - F 2" SCH 40 PVC LATERAL LINE SLEEVE
 - G 2" SCH 40 PVC LATERAL LINE SLEEVE
 - H 2" SCH 40 PVC LATERAL LINE SLEEVE
 - I 2" SCH 40 PVC LATERAL LINE SLEEVE
 - J 2" SCH 40 PVC LATERAL LINE SLEEVE
 - K 2" SCH 40 PVC LATERAL LINE SLEEVE
 - L 2" SCH 40 PVC LATERAL LINE SLEEVE
 - M 2" SCH 40 PVC LATERAL LINE SLEEVE
 - N 2" SCH 40 PVC LATERAL LINE SLEEVE
 - O 2" SCH 40 PVC LATERAL LINE SLEEVE
 - P 2" SCH 40 PVC LATERAL LINE SLEEVE
 - Q 2" SCH 40 PVC LATERAL LINE SLEEVE
 - R 2" SCH 40 PVC LATERAL LINE SLEEVE
 - S 2" SCH 40 PVC LATERAL LINE SLEEVE
 - T 2" SCH 40 PVC LATERAL LINE SLEEVE
 - U 2" SCH 40 PVC LATERAL LINE SLEEVE
 - V 2" SCH 40 PVC LATERAL LINE SLEEVE
 - W 2" SCH 40 PVC LATERAL LINE SLEEVE
 - X 2" SCH 40 PVC LATERAL LINE SLEEVE
 - Y 2" SCH 40 PVC LATERAL LINE SLEEVE
 - Z 2" SCH 40 PVC LATERAL LINE SLEEVE



ADDITIONAL SCOPE
BID DOCUMENTS



PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

DATE: 07/12/2023
DRAWN BY: 06/26/23
CHECKED BY: 07/12/2023
SCALE: 1"=20'

L3.8
42 of 75

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

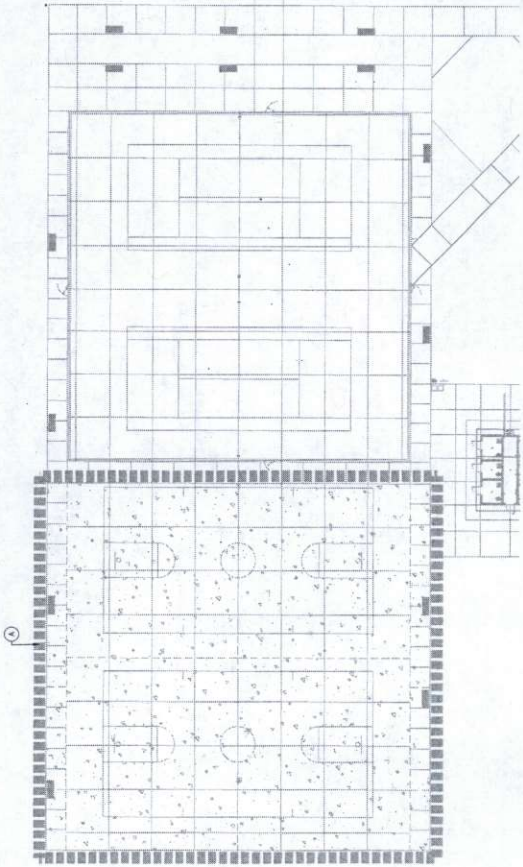
IRRIGATION PLAN

City of Merced
Engineering & Construction
ENGINEERING
674 W. 18th Street
MERCED, CA 95368
(209) 385-8446

NOTE:
ALL REFERENCES AND WRITTEN
REFERENCES OVER SHOWN
SHOULD BE VERIFIED ON THE SITE AND
CORRECTED TO THE CORRECT
TO THE OFFICE OF THE CONTRACTOR
OF ANY WORK.

Underground Service Alert
TWO DAYS
BEFORE
YOU DIG
Call 1-800-4-A-SHIELD or (800) 227-2600

NO.	DATE	BY	REVISION MAKE
1	8/16/23	TF	ADDED SCOPE AREA REVISIONS

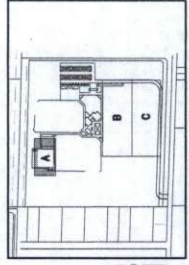


SHEET NO. 48 OF 75
 DATE: 07/17/2013
 DRAWN BY: JAC/DA
 DATE: 07/17/2013
 SCALE: 1"=20'

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL



ADDITIONAL SCOPE
BID DOCUMENTS



LOCATION MAP

- SHEET NOTES (NOT ALL MAY APPEAR ON THIS SHEET)**
- ① USE NEW PLANTING IS PROPOSED FOR THIS AREA UNDER THE SCOPE OF WORK.
 - ② FOR GENERAL PLANTING NOTES, SEE SHEET L4.0 OF BASE BID IMPROVEMENT PLANS, DATED 2/7/23.
 - ③ SEE BASE BID IMPROVEMENT PLANS FOR CONTINUATION AND ADDITIONAL INFORMATION.

PLANTING PLAN

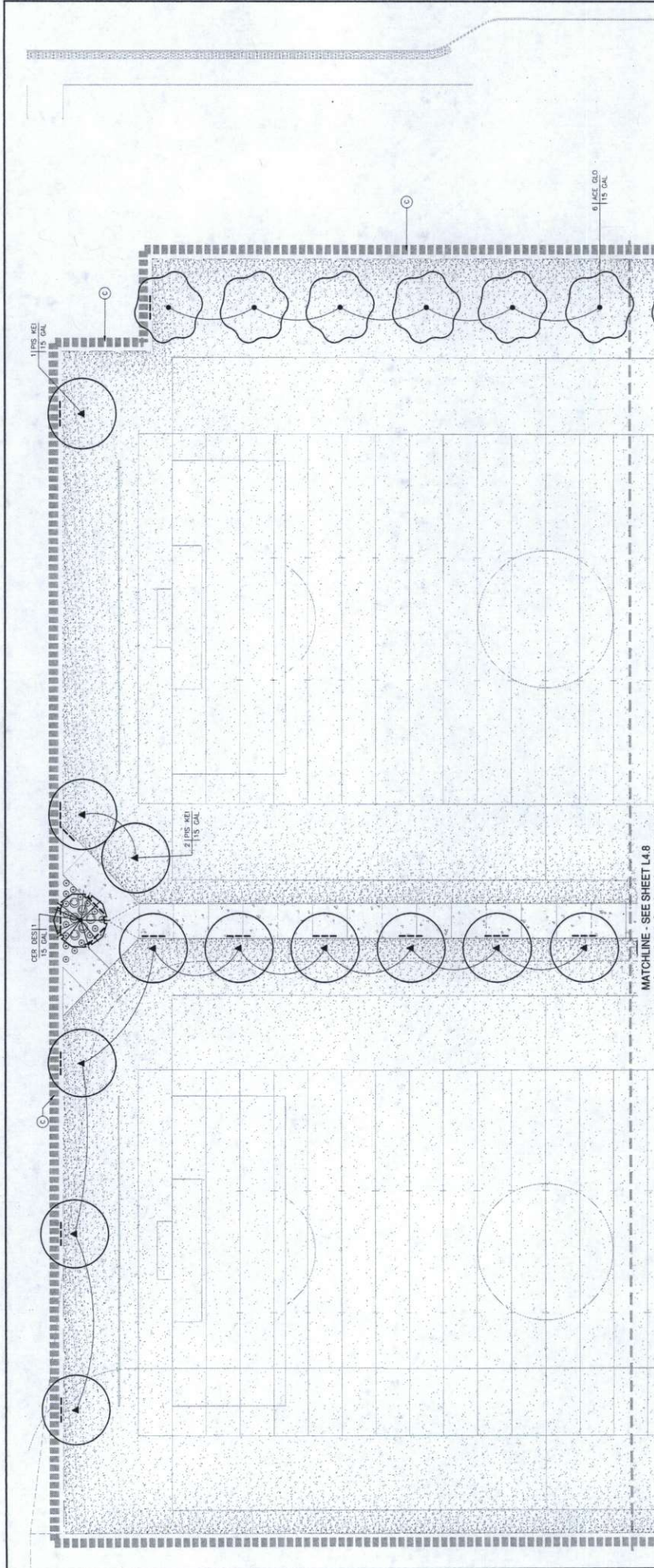
City of Merced
 ENGINEERING
 675 W. 18th Street
 (209) 385-6666



NOTE: ALL DIMENSIONS AND NOTATION
 PREFERENCE AND SCALES
 REFERRED TO ON THIS SHEET, ANY
 TO WHICH THE CONTRACTOR
 OF ANY WORK.

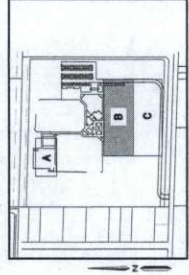
Underground Services Alert
TWO DAYS
BEFORE
YOU DIG
 Call TOLL FREE 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	6/16/23	TF	ADDED SCOPE AREA REVISIONS



SHEET NOTES (NOT ALL MAY APPLY TO THIS SHEET)

- (A) NO NEW PLANTING IS PROPOSED FOR THIS AREA UNDER THIS SCOPE OF WORK.
- (B) FOR GENERAL PLANTING NOTES, SEE SHEET L4.0 OF BASE BID IMPROVEMENT PLANS, DATED 2/3/23.
- (C) SEE BASE BID IMPROVEMENT PLANS FOR CONTINUATION AND ADDITIONAL INFORMATION.



PLANT LEGEND - ADDED SCOPE AREAS ONLY (SHEETS L4.6-L4.8)

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	APPROX. SPACING	WATER USE	QTY.	REMARKS
TREES							
ACE GLO	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY MAPLE	24" BOX	PER PLAN	MODERATE	10	F&B, FOR, MATCH
CER DES	CERCOCARPUS X 'DESERT MUSEUM'	DESERT MUSEUM PALM VERDE	24" BOX	PER PLAN	MODERATE	1	F&B, FOR, MATCH
PIS KEI	PISTACHIA CHINENSIS 'KEITH GAWY'	KEITH GAWY CHINESE PISTACHE	24" BOX	PER PLAN	LOW	19	F&B, FOR, H, BR, MATCH
SHRUBS							
○	CALAMAGROSTIS X ACOTYLONA 'MIR. FEATHER'	FEATHER REED GRASS	1 GAL	48" O.C.	LOW	6	F&B, FOR, MATCH
⊙	HESPERALOE PARVIFLORA 'PERLA'	BRAKELIGHTS RED YUCCA	1 GAL	30" O.C.	LOW	17	F&B, FOR, RED FLW, MATCH
TURF							
		HYBRID BENGALA BLEND			MODERATE	22AL,20B SF	
MISCELLANEOUS							
		TIRRAY 419 & TIRRAY II					
		ROOT BARRIER (DEEP ROOT URBAN-2, DR EQUAL)					

208 LT | DELPRODOT OR EQUAL | WWW.DELPRODOT.COM.
208 LT | P. (800) 458-7668.



PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

DATE: 8/16/23
DRAWN BY: SA/DA/AL
CHECKED BY: JF/DA/AL
SCALE: 1"=30'

PLANTING PLAN

ADDITIONAL SCOPE
BID DOCUMENTS

City of Merced
ENGINEERING
208 LT | P. (800) 458-7668

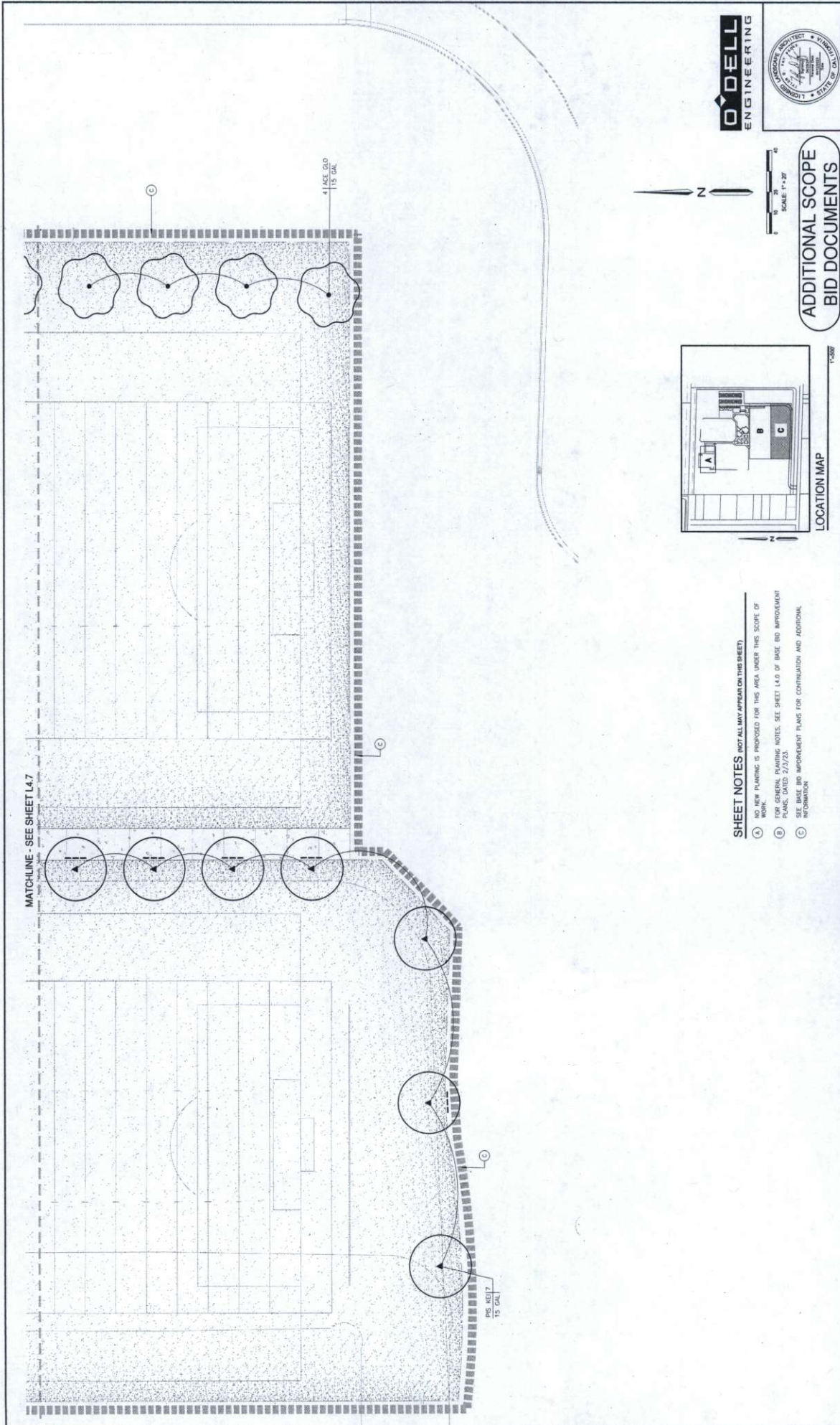
City of Merced
ENGINEERING
208 LT | P. (800) 458-7668

NOTE:
ALL REFERENCES AND WRITTEN
REFERENCES ARE TO BE
VERIFIED ON THE SITE. ANY
TO MATCH THE QUALITY
OF ANY PARTS.

Underground Service Alert
TWO DAYS
BEFORE
YOU DIG
CALL TOLL FREE 1 (800) 327-2800

DATE	BY	REVISION MADE
8/16/23	JF	ADDED SCOPE AREA REVISIONS

48 of 75

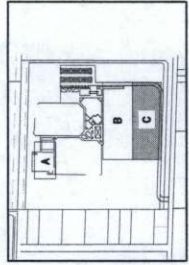


DATE: 07/17/2023
 DATE: 07/17/2023
 SCALE: 1"=20'
L4.8
 48 OF 75

ADDITIONAL SCOPE BID DOCUMENTS

PROJECT# 122061
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SUBMITTAL

PLANTING PLAN



- SHEET NOTES (NOT ALL MAY APPEAR ON THIS SHEET)**
- A NO NEW PLANTING IS PROPOSED FOR THIS AREA UNDER THIS SCOPE OF WORK.
 - B FOR GENERAL PLANTING NOTES, SEE SHEET L4.0 OF BASE BID IMPROVEMENT PLANS, DATED 2/2/23.
 - C SEE BASE BID IMPROVEMENT PLANS FOR CONTINUATION AND ADDITIONAL INFORMATION.

City of Merced
 City of Merced
ENGINEERING
 ENGINEERING & ARCHITECTURE
 875 W. 10th Street
 (209) 385-8448

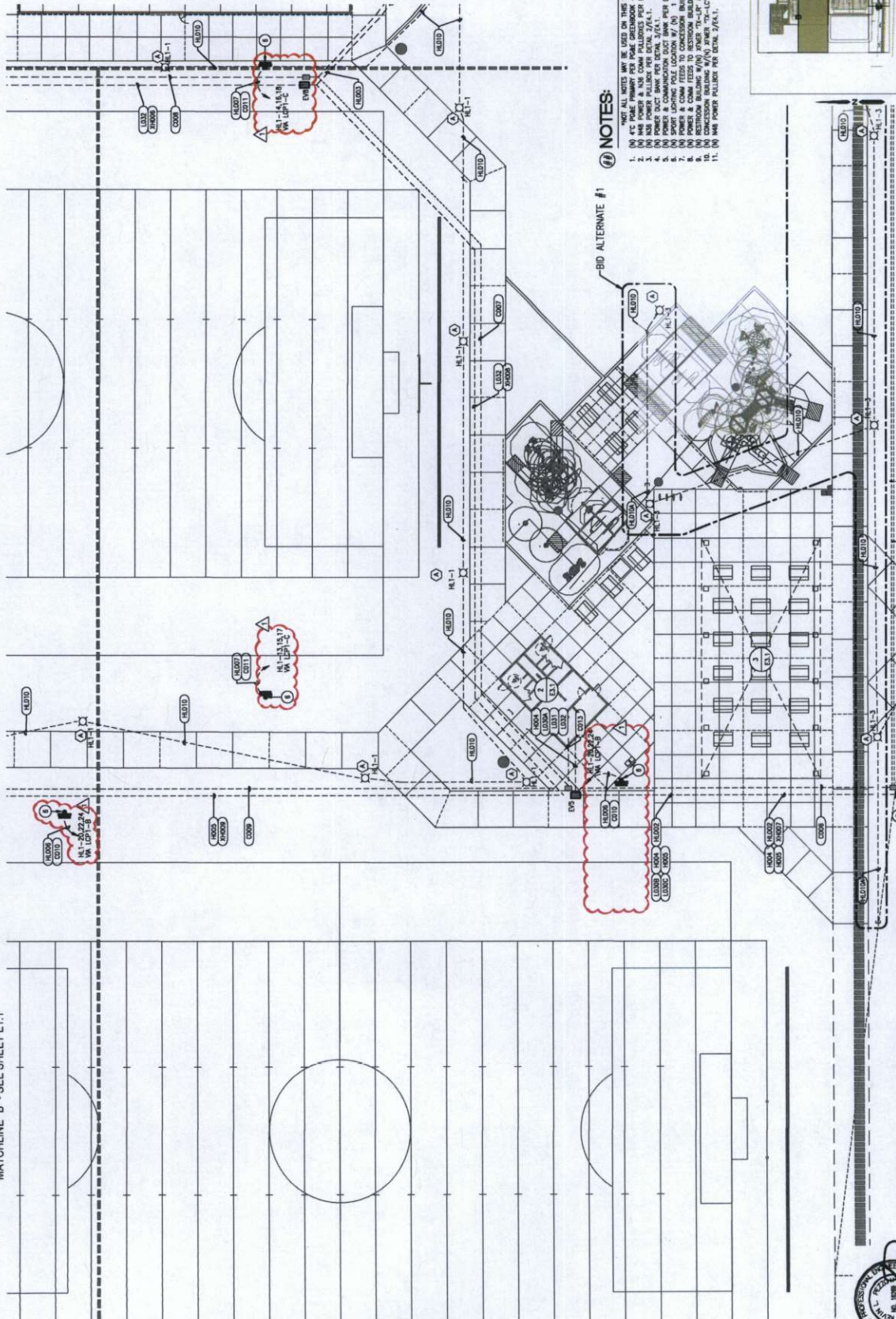


NOTE: ALL REFERENCES AND DRAWINGS
 REFERENCED ON THIS SHEET ARE
 BASED ON THE SET OF PLANS
 TO WHICH THE CONTRACTOR IS
 REFERRED BY THE CITY OF
 MERCEDEZ.

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 Call 811 or 1 (800) 227-2600

NO.	DATE	BY	REVISION MADE
1	6/16/23	TF	ADDED SCOPE AREA REVISIONS

MATCHLINE "B" - SEE SHEET E1.1



NOTES:

1. ALL NOTES MAY BE USED ON THIS SHEET.
2. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
3. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
4. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
5. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
6. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
7. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
8. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
9. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
10. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.
11. ALL POWER & NON-POWER PULLBOXES PER DETAIL 2/FA.1.

PARTIAL SITE PLAN - ELECTRICAL

SCALE: 1"=200'-0"

Underground Service Alert
TWO DAYS BEFORE YOU DIG
 Call TOLL FREE 1 (800) 227-2600

ALL REFERENCES AND NOTATIONS TO OTHER SHEETS SHALL BE ACCURATE AND SHALL BE BROUGHT FORWARD TO THE CONTRACTOR AT ANY TIME.



City of Merced
 PUBLIC WORKS
 ENGINEERING PROJECTS AND STANDARDS
 678 W. 18th Street
 (209) 395-6466

AREA B - PARTIAL ELECTRICAL PLAN

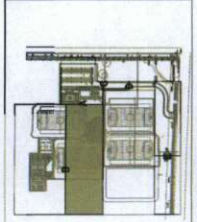
PROJECT# 40320
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SET

DATE: 2/27/23	BY: JCM	REVISION: J3
DATE: 7/22/23	BY: JCM	REVISION: J4
DATE: 9/18/23	BY: JCM	REVISION: J5

DATE: 2/27/23	BY: JCM	REVISION: J3
DATE: 7/22/23	BY: JCM	REVISION: J4
DATE: 9/18/23	BY: JCM	REVISION: J5



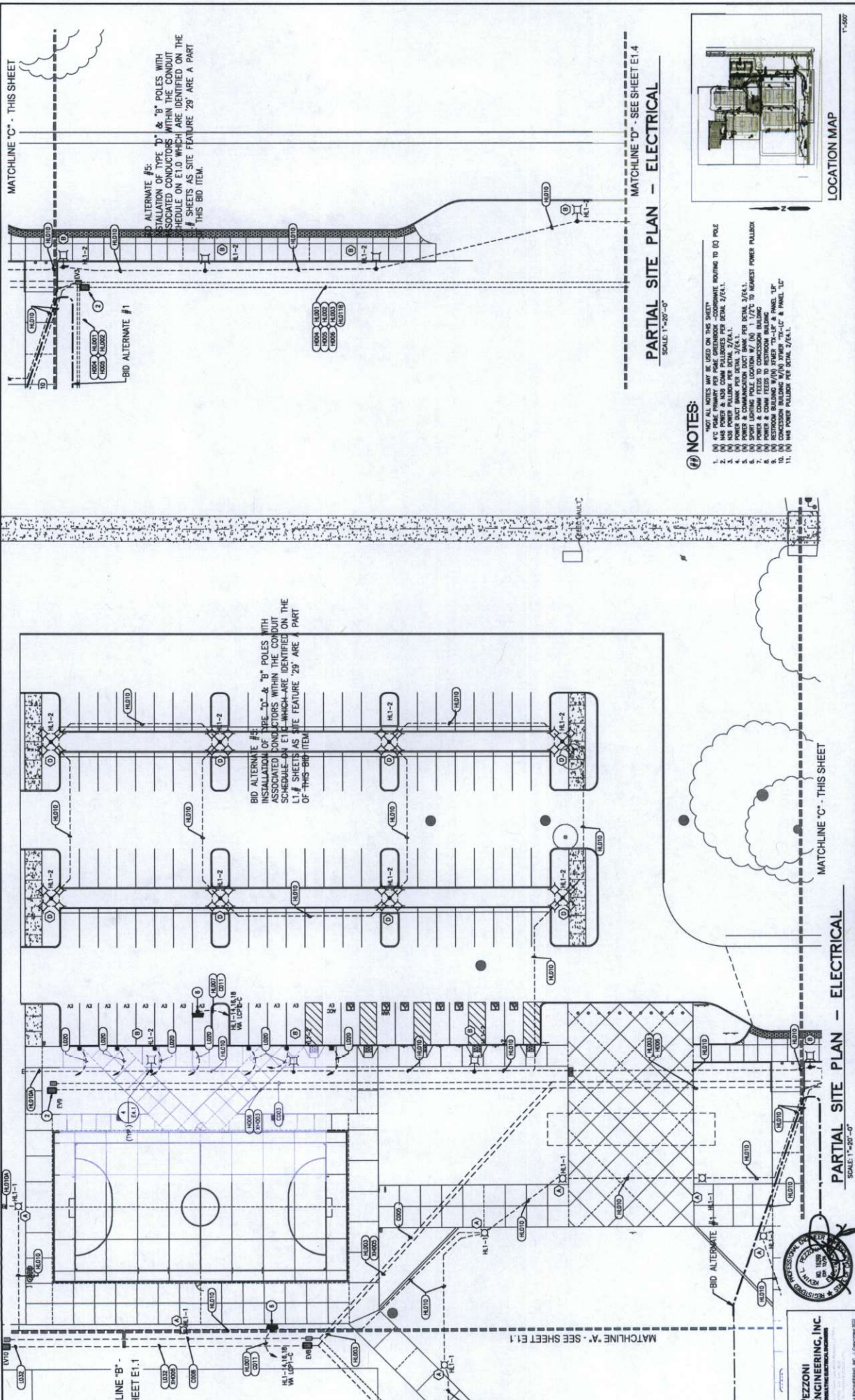
PEZZONI ENGINEERING, INC.
 1000 S. GARDEN ST., SUITE 100
 GARDEN GROVE, CA 92640
 (714) 261-1100



LOCATION MAP

1-2025

PROJECT # 40320
 SHEET # **E1.2**
 OF #



MATCHLINE "C" - THIS SHEET

MATCHLINE "D" - SEE SHEET E1.4

MATCHLINE "A" - SEE SHEET E1.1

MATCHLINE "B" - SEE SHEET E1.1

ALTERNATE #5:
INSTALLATION OF TYPE "D" & "B" POLES WITH ASSOCIATED CONDUCTORS WITHIN THE CONDUIT SCHEDULE ON E1.0 WHICH ARE IDENTIFIED ON THE #1 SHEETS AS SITE FEATURE "29" ARE A PART OF THIS BID ITEM.

BID ALTERNATE #1:
INSTALLATION OF TYPE "D" & "B" POLES WITH ASSOCIATED CONDUCTORS WITHIN THE CONDUIT SCHEDULE ON E1.0 WHICH ARE IDENTIFIED ON THE #1 SHEETS AS SITE FEATURE "29" ARE A PART OF THIS BID ITEM.

BID ALTERNATE #2:
INSTALLATION OF TYPE "D" & "B" POLES WITH ASSOCIATED CONDUCTORS WITHIN THE CONDUIT SCHEDULE ON E1.0 WHICH ARE IDENTIFIED ON THE #1 SHEETS AS SITE FEATURE "29" ARE A PART OF THIS BID ITEM.

BID ALTERNATE #3:
INSTALLATION OF TYPE "D" & "B" POLES WITH ASSOCIATED CONDUCTORS WITHIN THE CONDUIT SCHEDULE ON E1.0 WHICH ARE IDENTIFIED ON THE #1 SHEETS AS SITE FEATURE "29" ARE A PART OF THIS BID ITEM.

BID ALTERNATE #4:
INSTALLATION OF TYPE "D" & "B" POLES WITH ASSOCIATED CONDUCTORS WITHIN THE CONDUIT SCHEDULE ON E1.0 WHICH ARE IDENTIFIED ON THE #1 SHEETS AS SITE FEATURE "29" ARE A PART OF THIS BID ITEM.

NOTES:

- (1) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (2) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (3) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (4) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (5) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (6) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (7) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (8) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (9) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (10) HAS POWER PALLETS FOR DETAIL 2/CA.1.
- (11) HAS POWER PALLETS FOR DETAIL 2/CA.1.

NOT ALL NOTES MAY BE USED ON THIS SHEET. REFER TO THE CONSTRUCTION DRAWINGS FOR THE LOCATION OF THE POLE.

NOT ALL NOTES MAY BE USED ON THIS SHEET. REFER TO THE CONSTRUCTION DRAWINGS FOR THE LOCATION OF THE POLE.

LOCATION MAP



SCALE 1"=20'-0"

SCALE 1"=20'-0"

PROJECT# 40320

LANDSCAPE IMPROVEMENT PLANS

AREA C - PARTIAL ELECTRICAL PLAN

COMMUNITY PARK-42

BID SET

PEZZONI ENGINEERING, INC.

City of Merced

Public Works

DATE: 7/27/23

REVISION 1

REVISION 2

REVISION 3

DATE: 7/27/23

REVISION 4

REVISION 5

REVISION 6

DATE: 7/17/23

REVISION 7

REVISION 8

REVISION 9

DATE: 7/17/23

REVISION 10

REVISION 11

REVISION 12

DATE: 7/17/23

REVISION 13

REVISION 14

REVISION 15

DATE: 7/17/23

REVISION 16

REVISION 17

REVISION 18

DATE: 7/17/23

REVISION 19

REVISION 20

REVISION 21

DATE: 7/17/23

REVISION 22

REVISION 23

REVISION 24

DATE: 7/17/23

REVISION 25

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REVISION 156

DATE: 7/17/23

REVISION 157

REVISION 158

REVISION 159

DATE: 7/17/23

REVISION 160

REVISION 161

REVISION 162

DATE: 7/17/23

REVISION 163

REVISION 164

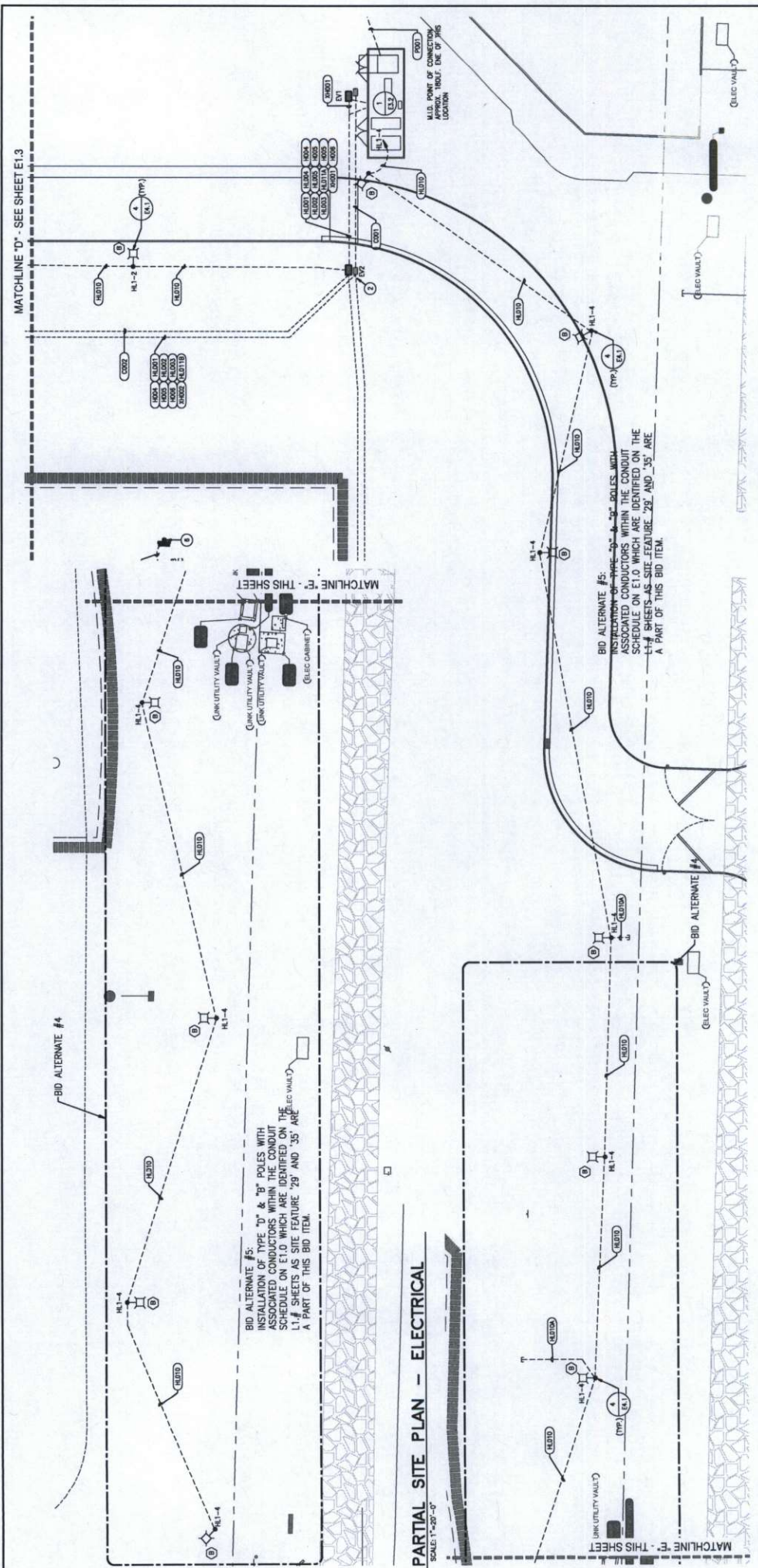
REVISION 165

DATE: 7/17/23

REVISION 166

REVISION 167

REVISION 168



MATCHLINE 'D' - SEE SHEET E1.3

MATCHLINE 'E' - THIS SHEET

MATCHLINE 'F' - THIS SHEET

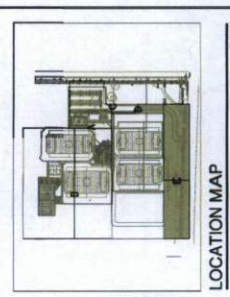
BID ALTERNATE #5:
 INSTALLATION OF TYPE "D" & "B" POLES WITH ASSOCIATED CONDUCTORS WITHIN THE CONDUIT SCHEDULE ON E1.0 WHICH ARE IDENTIFIED ON THE L1 & L2 SHEETS AS SITE FEATURE '29' AND '35' ARE A PART OF THIS BID ITEM.

BID ALTERNATE #5:
 INSTALLATION OF TYPE "D" & "B" POLES WITH ASSOCIATED CONDUCTORS WITHIN THE CONDUIT SCHEDULE ON E1.0 WHICH ARE IDENTIFIED ON THE L1 & L2 SHEETS AS SITE FEATURE '29' AND '35' ARE A PART OF THIS BID ITEM.

PARTIAL SITE PLAN - ELECTRICAL
 SCALE: 1" = 20'-0"

PARTIAL SITE PLAN - ELECTRICAL
 SCALE: 1" = 20'-0"

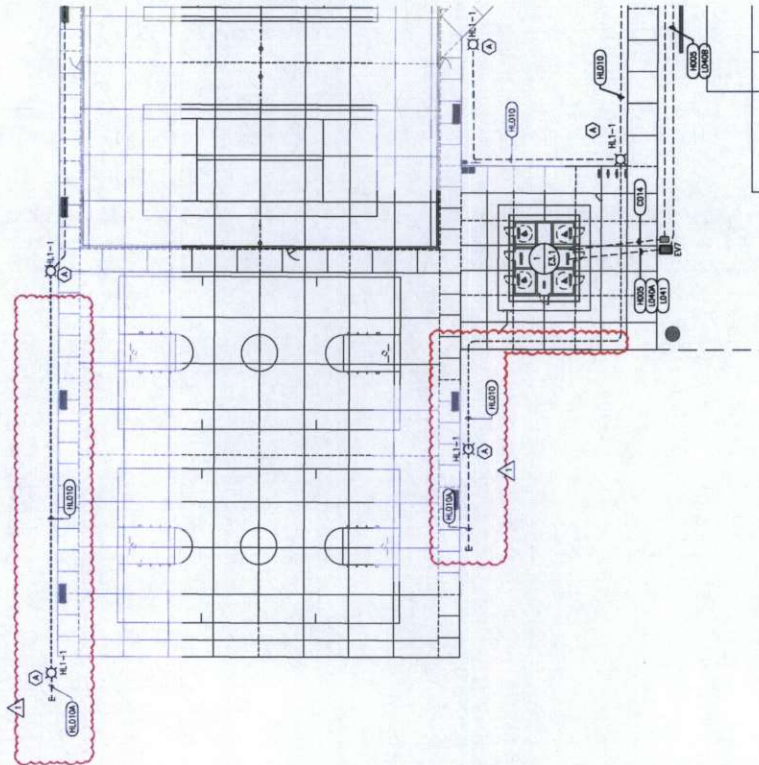
- NOTES:**
- (1) ALL NOTES ARE TO BE USED ON THIS PROJECT.
 - (2) (M) HAS POWER & USE COMM PULLBOXES - COORDINATE ROUTING TO (E) POLE.
 - (3) (M) HAS POWER & USE COMM PULLBOXES PER DETAIL Z/F.A.1.
 - (4) (M) POWER DUCT BANK PER DETAIL Z/F.A.1.
 - (5) (M) POWER & COMMUNICATION DUCT BANK PER DETAIL Z/F.A.1.
 - (6) (M) POWER & COMMUNICATION DUCT BANK PER DETAIL Z/F.A.1.
 - (7) (M) POWER & COMM FEEDS TO CONCESSION BUILDING.
 - (8) (M) POWER & COMM FEEDS TO CONCESSION BUILDING.
 - (9) (M) CONCESSION BUILDING (M/V) UNDER T1-C & PANEL '1C'.
 - (10) (M) HAS POWER PULLBOX PER DETAIL Z/F.A.1.
 - (11) (M) HAS POWER PULLBOX PER DETAIL Z/F.A.1.



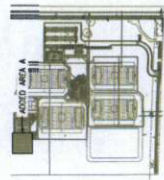
<p>City of Merced "Gateway to Yosemite" PUBLIC WORKS ENGINEERING PROJECTS AND STANDARDS 678 W. 18th Street (209) 384-6848</p>		<p>PROJECT # 40320 LANDSCAPE IMPROVEMENT PLANS COMMUNITY PARK-42 BID SET</p>													
<p>REVISIONS MADE</p> <table border="1"> <tr> <th>DATE</th> <th>BY</th> <th>REVISION</th> </tr> <tr> <td>02/27/23</td> <td>CD</td> <td>ADDENDUM #3 REVISIONS</td> </tr> <tr> <td>02/27/23</td> <td>RF</td> <td>ADDENDUM #4 REVISIONS</td> </tr> <tr> <td>06/19/23</td> <td>RF</td> <td>ADD SCOPE AREA REVISIONS</td> </tr> </table>		DATE	BY	REVISION	02/27/23	CD	ADDENDUM #3 REVISIONS	02/27/23	RF	ADDENDUM #4 REVISIONS	06/19/23	RF	ADD SCOPE AREA REVISIONS	<p>Underground Service Alert TWO DAYS BEFORE YOU DIG</p> <p>CALL TOLL FREE 1 (800) 227-2000</p>	
DATE	BY	REVISION													
02/27/23	CD	ADDENDUM #3 REVISIONS													
02/27/23	RF	ADDENDUM #4 REVISIONS													
06/19/23	RF	ADD SCOPE AREA REVISIONS													
<p>PEZZONI ENGINEERING, INC. CONSULTING ELECTRICAL ENGINEERS 1000 W. 18th Street, Suite 200 Merced, CA 95341 (209) 384-6848 FAX: (209) 384-6849 www.pezzonieng.com</p>		<p>AREA D - PARTIAL ELECTRICAL PLAN</p>													
<p>DATE 02/27/23 BY CD REVISION ADDENDUM #3 REVISIONS</p>		<p>FIG. NO. E1.4 SHEET of #</p>													

NOTES:

1. (N) ALL NOTES MAY BE USED ON THIS SHEET.
2. (N) USE THE SAME SYMBOLS AND NOTATION AS SHOWN ON SHEET E1.5.
3. (N) USE POWER PULLBOX PER DETAIL Z/E/A-1.
4. (N) USE COMMUNICATION DUCT BANK PER DETAIL Z/E/A-1.
5. (N) POWER & COMMUNICATION DUCT BANK PER DETAIL Z/E/A-1.
6. (N) SHORT LIGHTING POLE LOCATION W/ (N) 1/2" TO NEAREST POWER PULLBOX.
7. (N) POWER & COMMUNICATION DUCT BANK PER DETAIL Z/E/A-1.
8. (N) POWER & COMMUNICATION DUCT BANK PER DETAIL Z/E/A-1.
9. (N) RESTROOM BUILDING W/ (N) POWER TO CLIP & PANEL '15'.
10. (N) POWER PULLBOX PER DETAIL Z/E/A-1.
11. (N) USE POWER PULLBOX PER DETAIL Z/E/A-1.



ADDED AREA A, PARTIAL SITE PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"



LOCATION MAP

1'-000'

DATE:	DATE:	DATE:	DATE:
BY:	BY:	BY:	BY:
CHECKED:	CHECKED:	CHECKED:	CHECKED:
SCALE:	SCALE:	SCALE:	SCALE:

PROJECT# 40320
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SET

ADDED AREA A, PARTIAL
ELECTRICAL PLAN -
ELECTRICAL

City of Merced
"Gateway to Yosemite"
PUBLIC WORKS
ENGINEERING PROJECTS AND STANDARDS
675 W. 18th Street (209) 385-6646

ALL REFERENCES AND WRITTEN INSTRUMENTS SHALL BE READ AND UNDERSTOOD AND SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTOR BEFORE THE COMMENCEMENT OF ANY WORK.

Underground Services Alert
TWO DAYS BEFORE YOU DIG
CALL TOLL FREE 1 (800) 227-2600

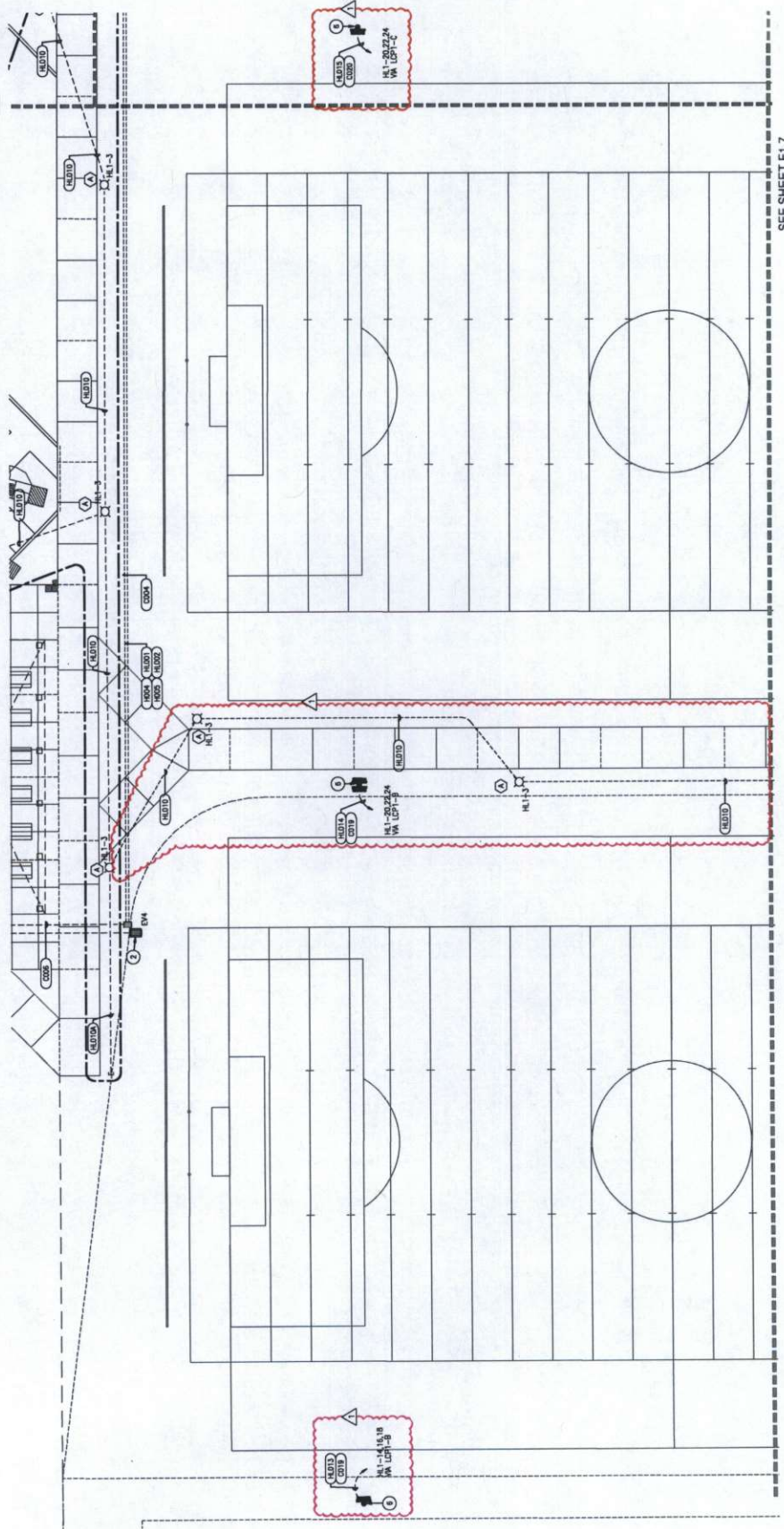


PEZZONI ENGINEERING, INC.
10775 W. 1st St., Suite 200
Oakland, CA 94643
(510) 533-8800

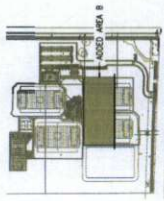
DATE	BY	REVISION MADE
2/2/23	COM	ADDITION #3 REVISIONS
2/22/23	PLC	ADDITION #4 REVISIONS
8/16/23	PLC	ADDED SCOPE AND REVISIONS

NOTES:

1. (N) 4" PVC CONDUIT SHALL BE USED ON THE EXTERIOR OF ALL BUILDINGS.
2. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
3. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
4. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
5. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
6. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
7. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
8. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
9. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
10. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.
11. (N) 4" PVC CONDUIT SHALL BE USED FOR ALL CONDUIT ROUTING TO (C) POLE.



ADDED AREA B, PARTIAL SITE PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"



LOCATION MAP

1-2007

DATE:	REV. NO.:	SCALE:
DATE:	DATE:	SCALE:

PROJECT# 40320
LANDSCAPE IMPROVEMENT PLANS
COMMUNITY PARK-42
BID SET

ADDED AREA B, PARTIAL
ELECTRICAL PLAN -
ELECTRICAL

City of Merced
"Commitment to You"™
PUBLIC WORKS
ENGINEERING PROJECTS AND STANDARDS
EST. W. 1961 BIRTH (209) 385-6546

Underground Services Alert
TWO DAYS BEFORE YOU DIG
CALL TOLL FREE 1 (800) 227-2600

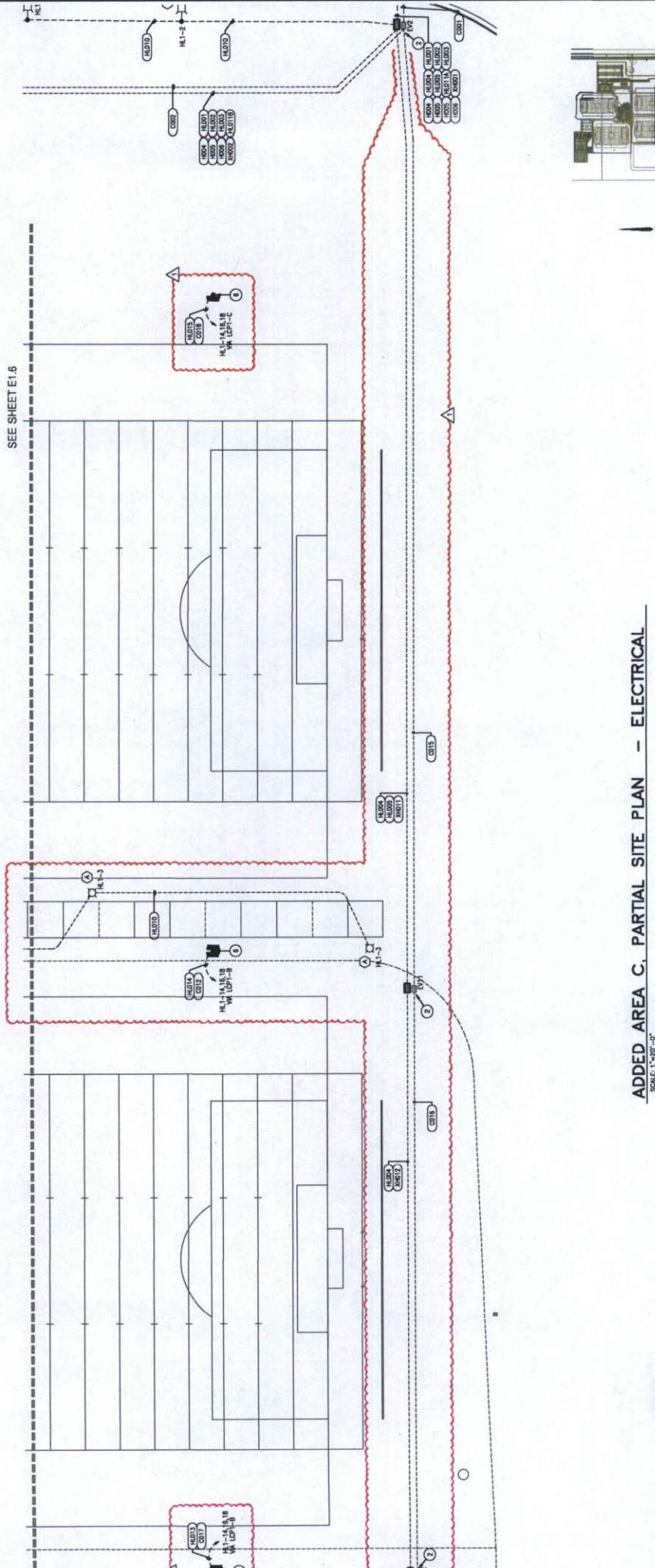


PEZZONI ENGINEERING, INC.
CONSULTING ENGINEERS
1000 N. PEZZONI DRIVE
MERCED, CA 95368
(209) 385-6546

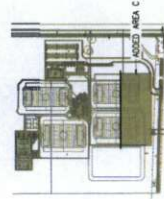
DATE	BY	REVISION MADE
2/21/23	CCM	ADDENDUM #3 REVISIONS
7/23/23	RCP	ADDENDUM #4 REVISIONS
9/16/23	RCP	ADDED SCOPE AREA REVISIONS

NOTES:

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.
2. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.
3. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.
4. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.
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8. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.
9. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.
10. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.
11. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF MERCED ELECTRICAL CODE.



ADDED AREA C, PARTIAL SITE PLAN - ELECTRICAL
SCALE: 1"=20'-0"



<p>DATE: 10/17/08 BY: KLF CHECKED: KLF DATE: 10/17/08 SCALE: 1"=20'-0"</p>	<p>E1.7</p> <p>of #</p>
<p>PROJECT# 40320 LANDSCAPE IMPROVEMENT PLANS COMMUNITY PARK-42 BID SET</p>	
<p>ADDED AREA C, PARTIAL ELECTRICAL PLAN - ELECTRICAL</p>	
<p>City of Merced "Gateway to Yosemite" PUBLIC WORKS ENGINEERING PROJECTS AND STANDARDS 678 W. 18th Street (209) 385-6848</p>	
<p>NOTE: ALL REFERENCES AND WRITTEN PERMITS SHALL BE OBTAINED BEFORE ANY WORK IS COMMENCED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS TO THE COMMENCEMENT OF ANY WORK.</p>	
<p>Underground Service Alert TWO DAYS BEFORE YOU DIG</p> <p>CALL TOLL FREE 1 (800) 727-7600</p>	
<p>PEZZONI ENGINEERING, INC. 1000 N. G Street, Suite 100 Merced, CA 95324 TEL: (209) 385-6848 FAX: (209) 385-6849 WWW.PEZZONIENGINEERING.COM</p>	
<p>DATE: 10/17/08 BY: KLF CHECKED: KLF DATE: 10/17/08</p>	<p>REVISION MADE REVISIONS 7/17/08 KLF ADDITION #4 REVISIONS 7/17/08 KLF ADDED EDGE AREA REVISIONS</p>

