



FLEWELLING & MOODY
architects for education

Rosamond High Early College Campus Cafeteria Building
SOUTHERN KERN UNIFIED SCHOOL DISTRICT
F&M Project No. 2990
Bid Clarification No.2; Page 1 of 2

BID CLARIFICATION NO. 2
June 30, 2023

The following changes and/or clarifications shall be made to the drawings and specifications and all other conditions shall remain the same. All changes and/or clarifications provided shall be included in the scope of contracted work. Pursuant to PR13-01 all work that requires approval by the DSA shall not begin until said approvals are obtained.

A. PROJECT MANUAL

1. **Add** SKUSD – AV equipment matrix of responsibility (by District IT Dept.), “Bid Clarification No.2”, as attached hereto (1 page total). Contractor shall provide all equipment as listed as their responsibility and shall also install all equipment identified as Owner provided contractor installed.

- B. **Revise** the following sheets, and/or drawings, as indicated either by the areas shown “clouded” on the attached sheets of the same designation and labeled “Bid Clarification No.2, 06-30-23” or as specifically noted otherwise:

1. L2.01 – Irrigation Plan, “Bid Clarification No. 2”, with revision clouds as attached hereto.
2. C4.01 – Wet Utility Plan, “Bid Clarification No. 2”, with revision clouds as attached hereto.
3. C4.02 – Wet Utility Plan, “Bid Clarification No. 2”, with revision clouds as attached hereto.
4. C4.03 – Wet Utility Plan, “Bid Clarification No. 2”, with revision clouds as attached hereto.

- C. **Add** the following sheets to the set of project contract documents. Provide all labor and materials necessary for the scope of work indicated therein:

- a. Sht. 1 of 6 – Underground Utility Map (24”x30”)
- b. Sht. 2 of 6 – Partial Underground Utility Map (24”x30”)
- c. Sht. 3 of 6 – Partial Underground Utility Map (24”x30”)
- d. Sht. 4 of 6 – Partial Underground Utility Map (24”x30”)
- e. Sht. 5 of 6 – Partial Underground Utility Map (24”x30”)
- f. Sht. 3 of 6 – Partial Underground Utility Map (24”x30”)



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Rosamond High Early College Campus Cafeteria Building

SOUTHERN KERN UNIFIED SCHOOL DISTRICT

F&M Project No. 2990

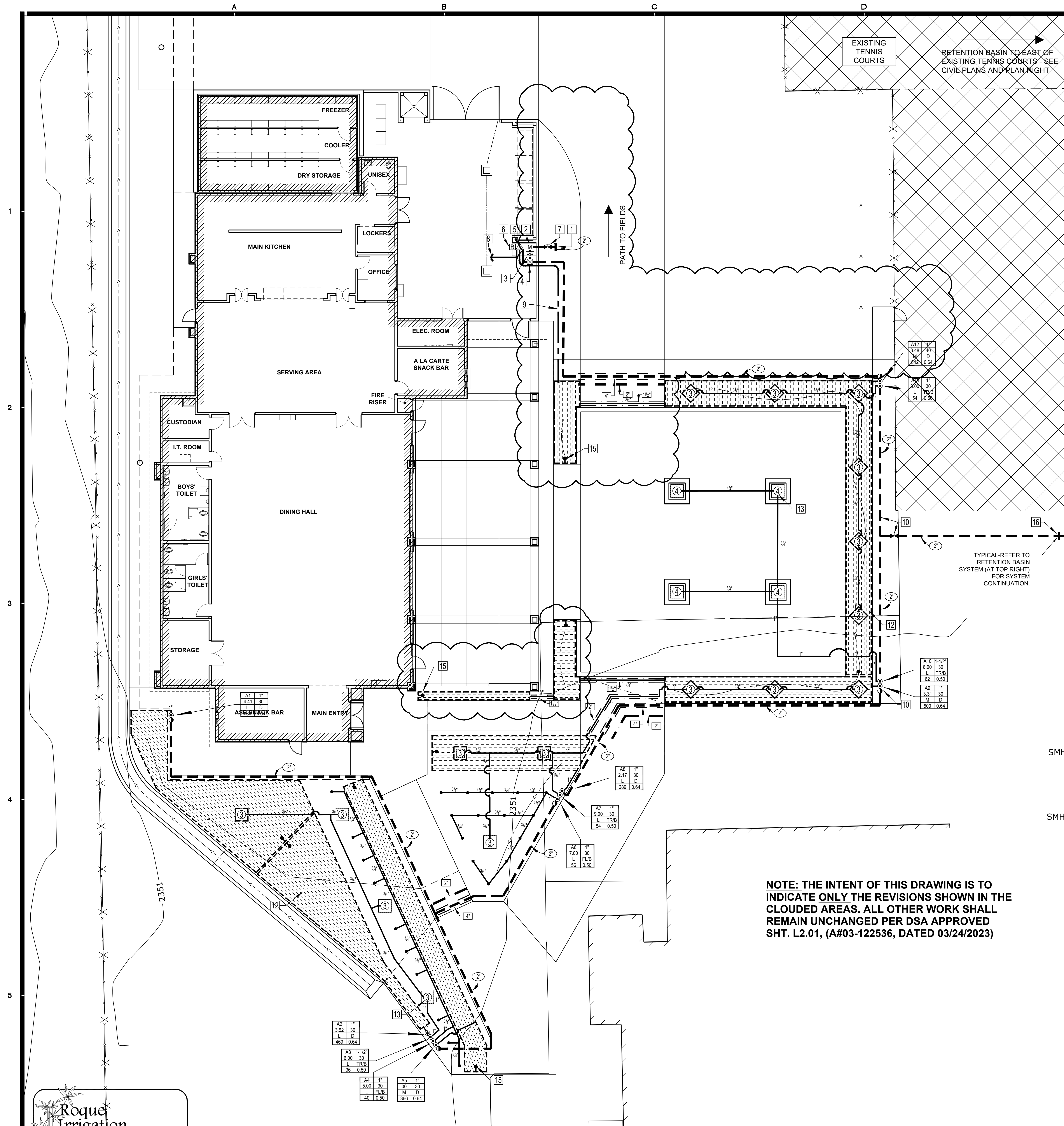
Bid Clarification No.2; Page 2 of 2

A handwritten signature in blue ink that reads "Matt Buchanan". The signature is fluid and cursive, with a horizontal line extending from the end of the name.

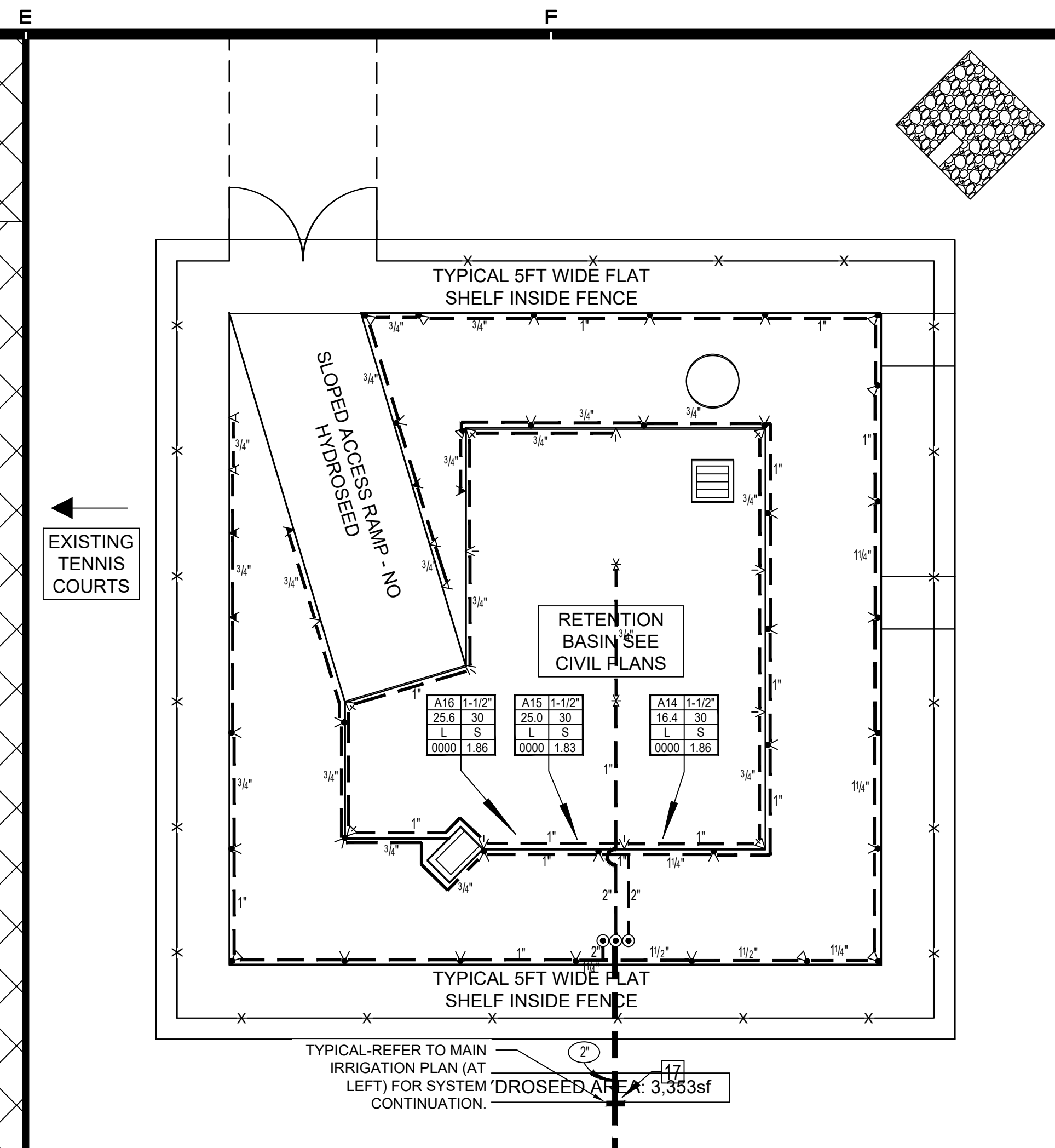
Flewelling & Moody, Inc.

SKUSD - AV equipment matrix list provided by District IT Dept.

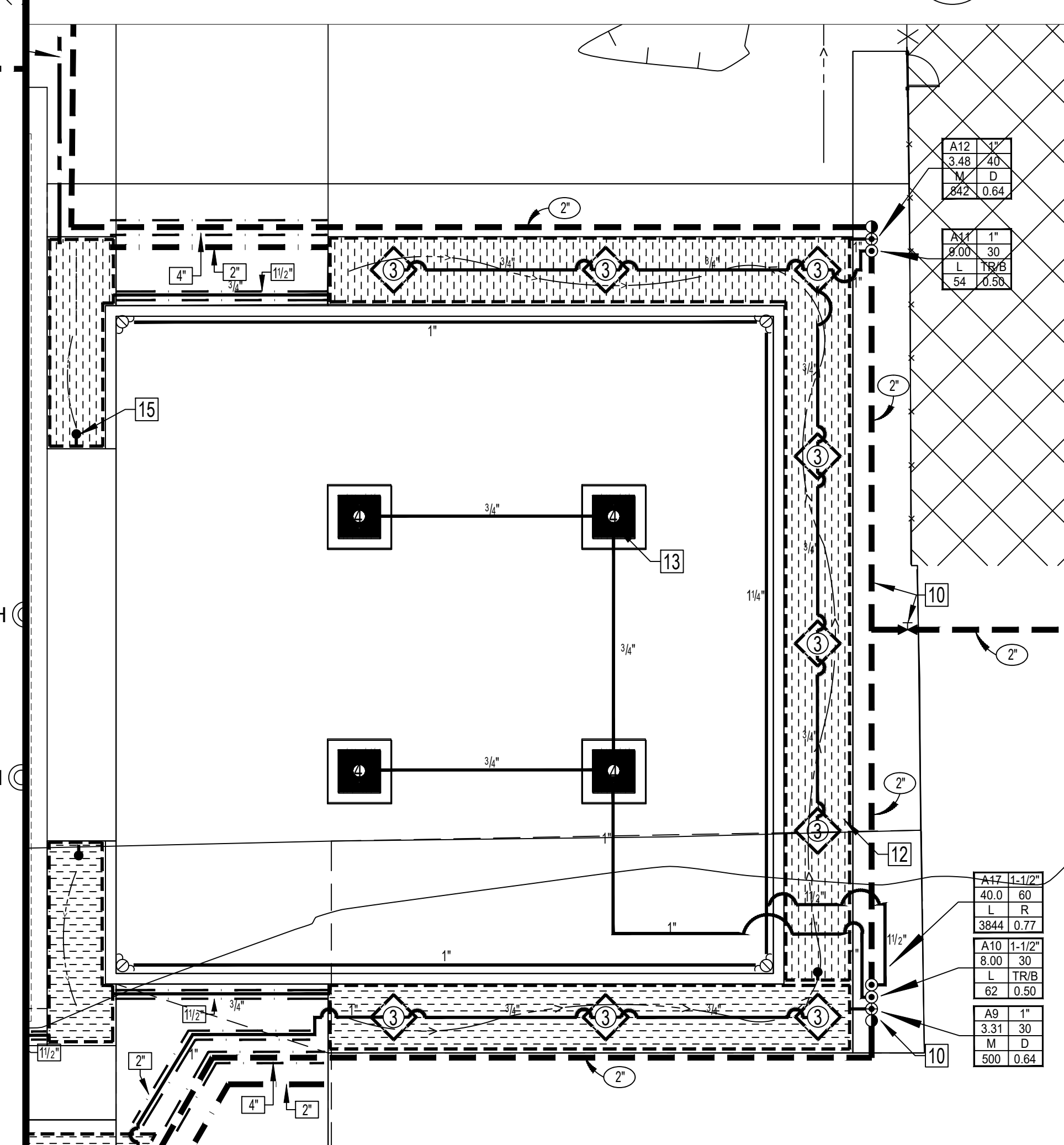
Item	Manufacturer	Model	Quantity	Spec Sheet	Who will purchase?	Who will install	Notes	Purchasing Timeline
45U Rack Enclosure	Tripp Lite	SR45UBMD	1	https://assets.tripplite.com/product-pdfs/en/sr45ubmd.pdf	SKUSD	Site Contractor		
Cable Ladder Rack racks	Tripp Lite	SRCABLEDUCTVR	2	https://assets.tripplite.com/submittal-drawing/srcableductvrt-submittal-drawing-en.pdf	SKUSD	Site Contractor		
Network Switch	TBD	TBD	3		Contractor	Contractor		
Battery Backup	eXtreme	5720-48MW	1		SKUSD	SKUSD		
Extended Battery for the Battery Backup	CyberPower	OL3000RTXL2UN	2		SKUSD	Contractor		
	CyberPower	BP72V60ART2U	2		SKUSD	Contractor		
Wireless Access Points	Ruckus	R760	3		SKUSD	Site Contractor		
External Access Point	Ruckus	T750	1		SKUSD	Contractor		
External WAP Mounting Kit	Ruckus	902-0134-0000	1	https://www.cdw.com/product/ruckus-network-device-mounting-kit/6053658	SKUSD	Site Contractor		
Video surveillance cameras	Hanwha	Assorted	7		SKUSD	Contractor		
Projector	Epson	EB-PU2213B	1	https://epson.com/For-Work/Projectors/Large-Venue/EB-PU2213B-13%2C000-Lumen-3LCD-Laser-Projector-with-4K-Enhancement/p/V11HA68820	SKUSD	Site Contractor		
Projector Mount	Chief	chief rpaub	1		Contractor	Contractor	This hardware is what was used at the RES MPR. If something is better or more recomended now we will defer to the experts	
Extension Pole	Chief	chief cms0810b	1		Contractor	Contractor		
Ceiling Mount	Chief	chief cma395b	1		Contractor	Contractor		
Projector Screen	Da-Lite	Da-Lite 21818L	1		Contractor	Contractor		
75" TVs Wall mounted in Dining Hall	TBD	TBD	4		SKUSD	Contractor		
43" TVs Wall mounted in serving Area	TBD	TBD	5		SKUSD	Contractor		
TV for Snack Bar	TBD	TBD	1		SKUSD	Contractor		
Articulating TV Mounts	TBD	TBD	10		SKUSD	Contractor		
Enclosure for TV at the Snackbar	TBD	TBD	1		Contractor	Contractor	from the elements and theft	
VoIP Phones	Cisco	8811	1		SKUSD	SKUSD		
Clock Bell	Valcom	VL520M-F-IC	2	https://www.valcom.com/data/api/media/files/vl520-bkf-2.pdf	Site Contractor	Site Contractor		
Horn	Valcom	VIP-480AL-W-IC	3	https://drive.google.com/file/d/1MnehYeBIJF07tzgrhu3wWys58PISpd5/view?usp=sharing	Site Contractor	Site Contractor		
External Horn Enclosure	Valcom	V-9805	3	https://drive.google.com/file/d/1SgCGvs_HMdsfsiK-_ymIqDxuDGJha8CC/view?usp=sharing	Site Contractor	Site Contractor		
Cat 6A Cabling	Panduit or equivalent				Contractor	Contractor		
Fiber from MDF to new 45U Rack Enclosure	Panduit or equivalent				Contractor	Contractor		
AV System	Extron			https://drive.google.com/file/d/1tbEpI_kigQEGWrk4rfwIDqNGIG7HPs0n/view?usp=drive_link https://drive.google.com/file/d/1NdLWRBLNmglw5m4n1SqMijOPwkoBksx/view?usp=drive_link https://docs.google.com/document/d/1OCCEs1XAcXfh4tVMVPTRyDOW_v4I1iSd/edit?usp=drive_link&ouid=117114141693934058780&rtpof=true&sd=true	SKUSD	Site Contractor	The "spec sheet" field includes links to the build out from Extron	



IRRIGATION PLAN
SCALE: 1" = 10'-0"



RETENTION BASIN - IRRIGATION
SCALE: 1" = 10'-0"



BID ALTERNATE NO. 1 - IRRIGATION
SCALE: 1" = 10'-0"

SHEET INDEX

- REFER TO SHEET L2.01 FOR IRRIGATION PLAN (BASE BID).
- REFER TO SHEET L2.01 FOR IRRIGATION PLAN (RETENTION BASIN).
- REFER TO SHEET L2.01 FOR IRRIGATION PLAN (BID ALTERNATE NO. 1).
- REFER TO SHEET L2.02 & L2.03 FOR LEGENDS & NOTES PLAN.
- REFER TO SHEET L2.04, L2.05 & L2.06 FOR IRRIGATION DETAILS PLAN.

AGENCY

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LICENSED ARCHITECT
MATTHEW BUCHANAN
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Exp. 06/30/2023
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Fax: 323.485.1458
E-mail: info@mbeall.com

LICENSED LANDSCAPE ARCHITECT
Mark Beall
CA No. 3640
REN. 04/03/23
STATE OF CALIFORNIA

Drawn by: _____
Checked by: _____

Revisions

No.	Date	Description

All dimensions must be checked at the job by the contractor who accepts full responsibility for their accuracy under the contract. These plans and the specifications in connection therewith have been prepared for a specific site. Any and all responsibility for their use in whole or in part on any other site is hereby disclaimed by Flewelling & Moody.

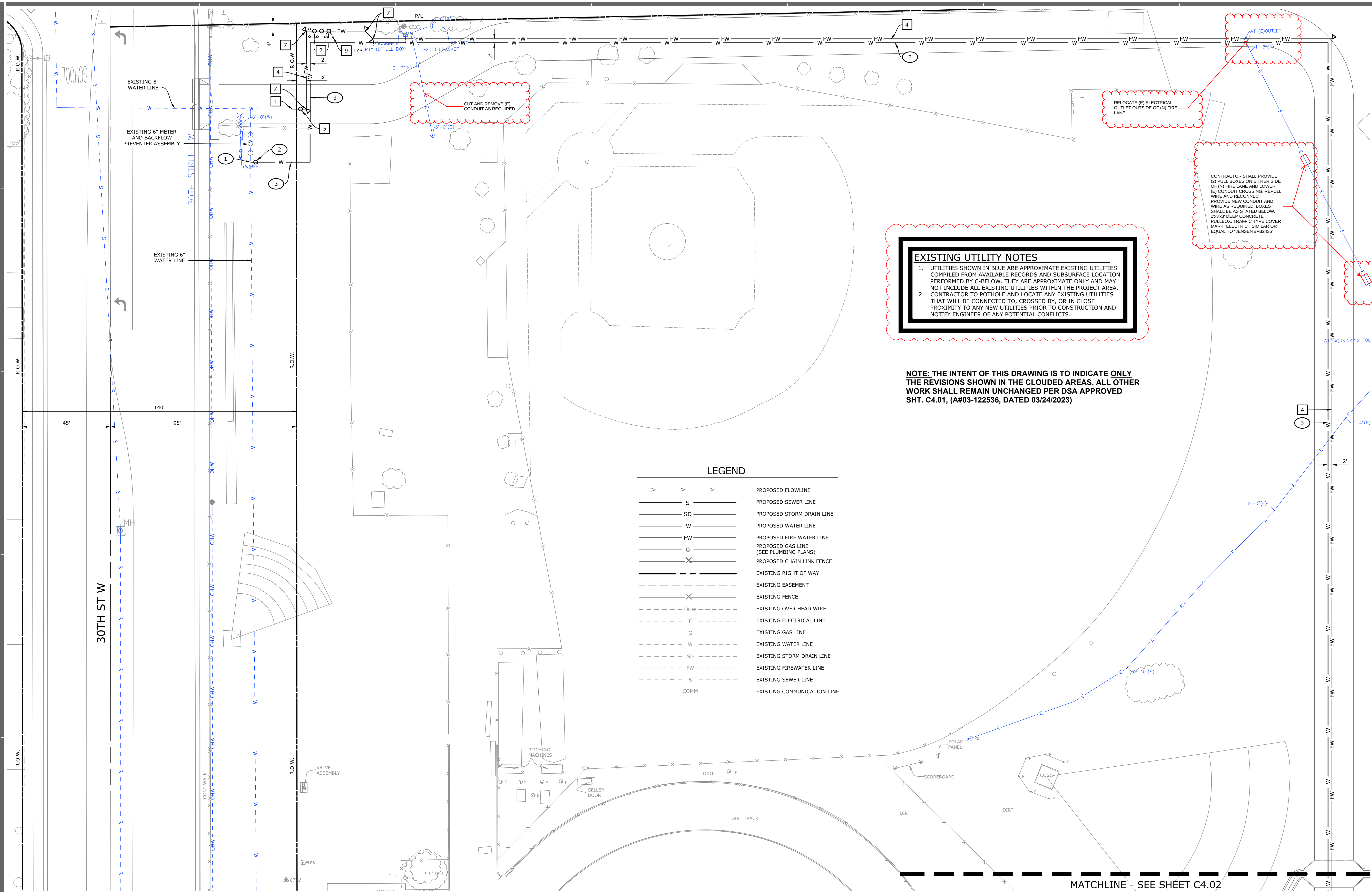
SOUTHERN KERN UNIFIED
SCHOOL DISTRICT
ROSAMOND HIGH SCHOOL
CAFETERIA BUILDING
2925 ROSAMOND BLVD.
ROSAMOND, CA 93560

IRRIGATION PLAN

Job No.
2990

Date
06-07-22

L2.01



FIRE WATER CONSTRUCTION NOTES

1. CONSTRUCT CONNECTION TO EXISTING 8" ROSAMOND COMMUNITY SERVICES DISTRICT WATER LINE. PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARDS AND SPECIFICATIONS.
2. CONSTRUCT 8" DOUBLE CHECK DETECTOR ASSEMBLY WITH FIRE DEPARTMENT CONNECTION PER DETAIL "EE" ON SHEET C5.01.
3. CONSTRUCT 4" C900 CL 305 (DR 14) PVC WATER LINE PER DETAIL "CC" ON SHEET C5.01.
4. CONSTRUCT 8" C900 CL 305 (DR 14) PVC WATER LINE PER DETAIL "CC" ON SHEET C5.01.
5. CONSTRUCT GATE VALVE AND VALVE BOX PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-9. SEE DETAIL "FF" ON SHEET C5.02.
6. CONSTRUCT CONNECTION TO BUILDING FIRE RISER. SEE DETAIL "SS" ON SHEET C5.03.
7. CONSTRUCT HORIZONTAL BEND AND CONCRETE THRUST BLOCK PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-11. SEE DETAIL "GG" SHEET ON C5.02. ANGLE, SIZE, AND MATERIAL AS REQUIRED.
8. CONSTRUCT FIRE HYDRANT ASSEMBLY PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-6. SEE DETAIL "OO" ON SHEET C5.03.
9. CONSTRUCT BOLLARD PER DETAIL "PP" ON SHEET C5.03. NUMBER AND SPACING AS SHOWN ON PLAN.
10. DIP WATER AND FIRE WATER LINES UNDER STORM DRAIN LINE WITH MINIMUM 12" CLEARANCE BETWEEN CROSSING PIPES.
11. CONSTRUCT PIPE UNDERCROSSING AT GRADE BEAM WITH CONCRETE ENCASMENT PER DETAIL "TT" ON SHEET C5.03.

DOMESTIC WATER CONSTRUCTION NOTES

1. CONSTRUCT CONNECTION TO EXISTING 6" WATER LINE AS SHOWN.
2. CONSTRUCT GATE VALVE AND VALVE BOX PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-9. SEE DETAIL "FF" ON SHEET C5.02.
3. CONSTRUCT 3" SCH 40 PVC WATER LINE WITH ALL NECESSARY FITTINGS PER DETAIL "CC" ON SHEET C5.01.
4. CONSTRUCT CONNECTION TO BUILDING WATER LINE. SEE PLUMBING PLAN FOR CONTINUATION.
5. CONSTRUCT 2.5" SCH 40 PVC WATER LINE WITH ALL NECESSARY FITTINGS PER DETAIL "BB" ON SHEET C5.01.
6. CONSTRUCT 2" SCH 40 PVC WATER LINE WITH ALL NECESSARY FITTINGS PER DETAIL "BB" ON SHEET C5.01.
7. CONSTRUCT VALVE AND VALVE BOX PER DETAIL "DD" ON SHEET C5.01.
8. CONSTRUCT CONNECTION TO SITE IRRIGATION SYSTEM. SEE IRRIGATION PLANS FOR CONTINUATION.

UTILITY CROSSING NOTE

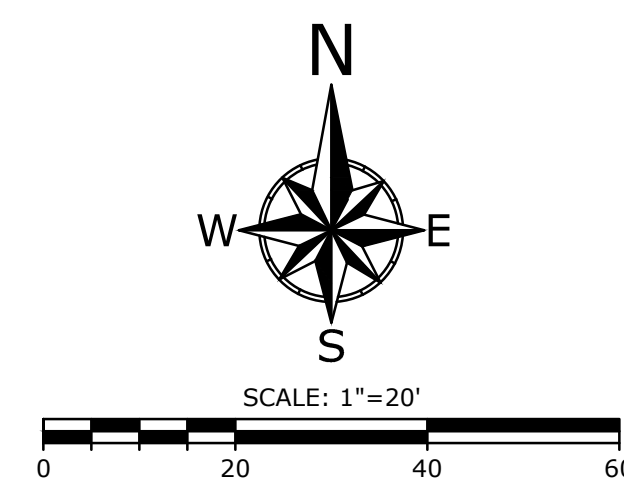
1. WHERE A DOMESTIC WATER LINE CROSSES A FIRE WATER LINE THE PIPE TO PIPE CLEARANCE SHALL BE 6" MINIMUM. IF NECESSARY USE 45° ELBOWS ON THE DOMESTIC WATER LINE, 5" ON EITHER SIDE OF THE FIRE WATER LINE TO RAISE THE DOMESTIC WATER LINE TO ACHIEVE THE 6" MIN PIPE TO PIPE CLEARANCE AND 24" MINIMUM COVER OVER THE DOMESTIC WATER LINE.

GENERAL NOTE

CONTRACTOR TO FURNISH AND INSTALL ALL NECESSARY FITTINGS TO CONSTRUCT UTILITY SYSTEMS AS SHOWN ON PLAN INCLUDING ECCENTRIC TEES/WYES WHERE NEEDED.

EXISTING UTILITIES NOTES

1. LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES SHOWN ARE ESTIMATES ONLY AND WERE BASED ON AS-BUILT PLANS AND OBSERVED SURFACE EVIDENCE. CONTRACTOR TO TO FIELD VERIFY LOCATION, SIZE, DEPTH AND MATERIAL TYPE OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY AND ALL DISCREPANCIES.
2. CONTRACTOR SHALL ADJUST ALL EXISTING UTILITY PULL BOXES, CLEANOUTS, VAULTS AND OTHER SURFACE LIDS/COVERS WITHIN THE PROJECT AREA TO FINISH SURFACE ELEVATION.



AGENCY

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Drawn by _____
Checked by _____
Revisions
No. Date Description

All dimensions must be checked at the job by the contractor who accepts full responsibility for their accuracy under the contract. These plans & the specifications in connection therewith have been prepared for a specific site. Any and all responsibility for their use in whole or in part on any other site is hereby disclaimed by Flewelling & Moody.

SOUTHERN KERN UNIFIED SCHOOL DISTRICT

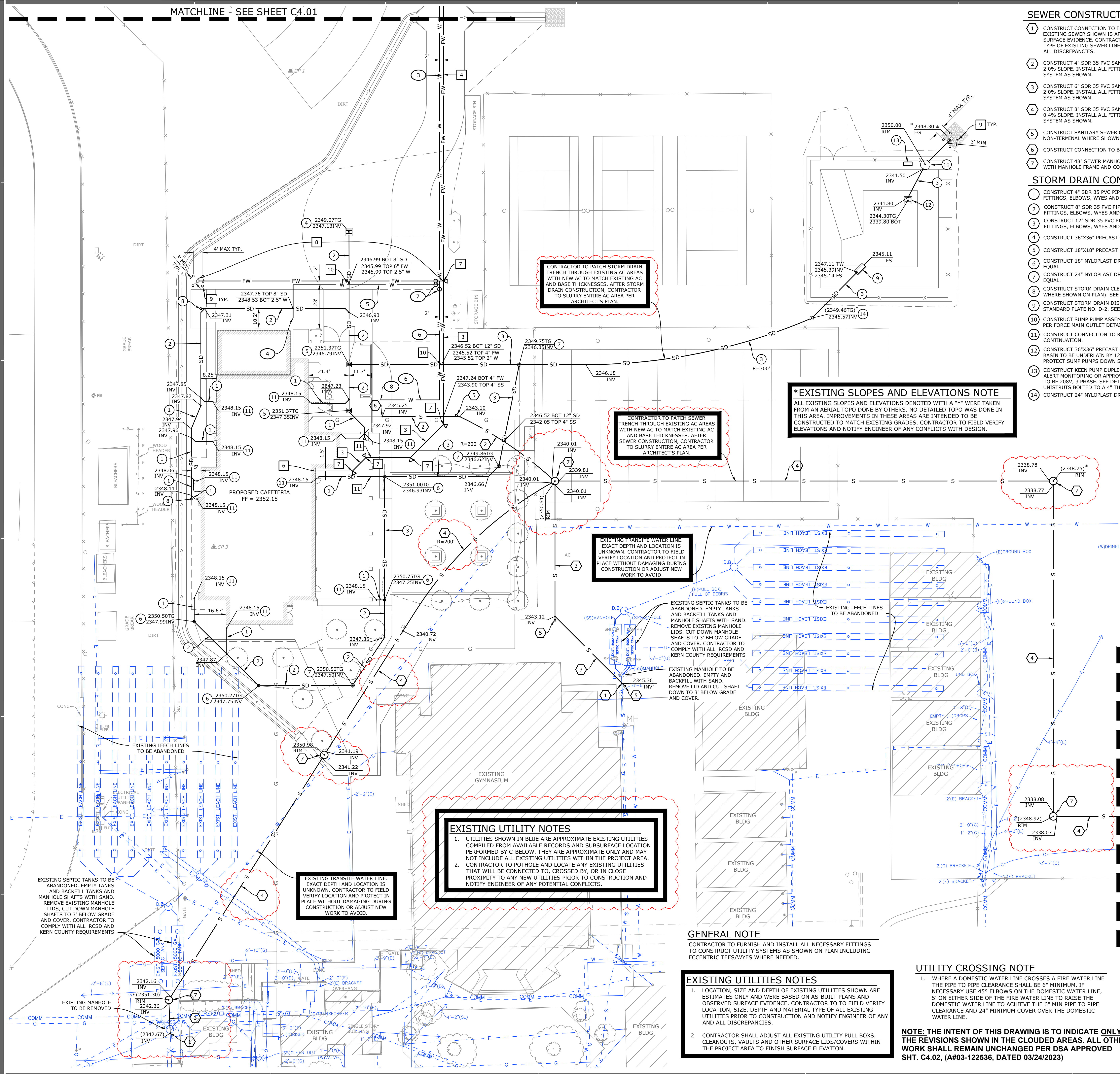
ROSAMOND HIGH EARLY COLLEGE CAMPUS

2925 ROSAMOND BLVD.
ROSAMOND, CA 93560

WET UTILITY PLAN

Job No. 2990
Date 06.28.2023

C4.01



SEWER CONSTRUCTION NOTES

- 1. CONSTRUCT CONNECTION TO EXISTING SEWER LINE AS SHOWN. LOCATION, SIZE AND DEPTH OF EXISTING SEWER SHOWN IS APPROXIMATE AND WAS BASED ON AS-BUILT PLANS AND OBSERVED SURFACE EVIDENCE. CONTRACTOR TO FIELD VERIFY LOCATION, SIZE, DEPTH AND MATERIAL TYPE OF EXISTING SEWER LINES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY AND ALL DISCREPANCIES.
- 2. CONSTRUCT 4" SDR 35 PVC SANITARY SEWER LINE PER DETAIL "AA" ON SHEET C5.01. MINIMUM 2.0% SLOPE. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT SEWER SYSTEM AS SHOWN.
- 3. CONSTRUCT 6" SDR 35 PVC SANITARY SEWER LINE PER DETAIL "AA" ON SHEET C5.01. MINIMUM 2.0% SLOPE. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT SEWER SYSTEM AS SHOWN.
- 4. CONSTRUCT 8" SDR 35 PVC SANITARY SEWER LINE PER DETAIL "AA" ON SHEET C5.01. MINIMUM 0.4% SLOPE. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT SEWER SYSTEM AS SHOWN.
- 5. CONSTRUCT SANITARY SEWER CLEANOUT PER SPWVC STD PLAN 204-2 (MODIFIED TO BE NON-TERMINAL WHERE SHOWN ON PLAN). SEE DETAIL "HH" ON SHEET C5.02.
- 6. CONSTRUCT CONNECTION TO BUILDING SEWER LINE. SEE PLUMBING PLAN FOR CONTINUATION.
- 7. CONSTRUCT 48" SEWER MANHOLE PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD S-7 WITH MANHOLE FRAME AND COVER PER STANDARD S-6. SEE DETAIL "II" ON SHEET C5.02.

STORM DRAIN CONSTRUCTION NOTES

- 1. CONSTRUCT 4" SDR 35 PVC PIPE PER GRAVITY PIPE TRENCH DETAIL "AA" ON SHEET C5.01. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT STORM DRAIN SYSTEM AS SHOWN.
- 2. CONSTRUCT 8" SDR 35 PVC PIPE PER GRAVITY PIPE TRENCH DETAIL "AA" ON SHEET C5.01. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT STORM DRAIN SYSTEM AS SHOWN.
- 3. CONSTRUCT 12" SDR 35 PVC PIPE PER GRAVITY PIPE TRENCH DETAIL "AA" ON SHEET C5.01. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT STORM DRAIN SYSTEM AS SHOWN.
- 4. CONSTRUCT 36"x36" PRECAST CONCRETE CATCH BASIN WITH TRAFFIC RATED GRATE.
- 5. CONSTRUCT 18"x18" PRECAST CONCRETE CATCH BASIN WITH TRAFFIC RATED GRATE.
- 6. CONSTRUCT 18" NYLOPLAST DRAIN BASIN 2818AG WITH 18" STANDARD GRATE 1899CGS OR APPROVED EQUAL.
- 7. CONSTRUCT 24" NYLOPLAST DRAIN BASIN 2824AG WITH 24" STANDARD GRATE 2499CGS OR APPROVED EQUAL.
- 8. CONSTRUCT STORM DRAIN CLEANOUT PER SPWVC STD PLAN 204-2 (MODIFIED TO BE NON-TERMINAL WHERE SHOWN ON PLAN). SEE DETAIL "HH" ON SHEET C5.02.
- 9. CONSTRUCT STORM DRAIN DISCHARGE STRUCTURE PER KERN COUNTY DRAINAGE DEVELOPMENT STANDARD PLATE NO. D-2. SEE DETAIL "KK" ON SHEET C5.02. H=24", W=24".
- 10. CONSTRUCT SUMP PUMP ASSEMBLY PER DETAILS ON SHEET C5.04. OUTLET FORCE MAIN TO THE SURFACE PER FORCE MAIN OUTLET DETAIL ON SHEET C5.04.
- 11. CONSTRUCT CONNECTION TO ROOF DRAIN OR DOWN SPOUT PER ARCHITECT'S PLAN. SEE ROOF PLANS FOR CONTINUATION.
- 12. CONSTRUCT 36"x36" PRECAST CONCRETE CATCH BASIN WITH OPEN BOTTOM AND STANDARD GRATE. CATCH BASIN TO BE UNDERLAIN BY 12" OF 3/4" CRUSHED ROCK. CATCH BASIN TO ACT AS DESILTING BASIN TO PROTECT SUMP PUMPS DOWN STREAM.
- 13. CONSTRUCT KEEN PUMP DUPLEX CONTROL PANEL OR APPROVED EQUAL WITH REMOTE MONITORING. STATION ALERT MONITORING OR APPROVE EQUAL. ENCLOSURE SHALL BE NEMA 4X FIBERGLASS. ELECTRICAL SERVICE TO BE 208V, 3 PHASE. SEE DETAILS ON SHEET C5.04. MOUNT CONTROL PANEL BETWEEN TWO VERTICAL UNISTRUTS BOLTED TO A 4" THICK CONCRETE PAD.
- 14. CONSTRUCT 24" NYLOPLAST DRAIN BASIN 2824AG WITH 24" SOLID COVER 2499CGC OR APPROVED EQUAL.

FIRE WATER CONSTRUCTION NOTES

- 1. CONSTRUCT CONNECTION TO EXISTING 8" ROSAMOND COMMUNITY SERVICES DISTRICT WATER LINE. PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARDS AND SPECIFICATIONS.
- 2. CONSTRUCT 8" DOUBLE CHECK DETECTOR ASSEMBLY WITH FIRE DEPARTMENT CONNECTION PER DETAIL "EE" ON SHEET C5.01.
- 3. CONSTRUCT 4" C900 CL 305 (DR 14) PVC WATER LINE PER DETAIL "CC" ON SHEET C5.01.
- 4. CONSTRUCT 8" C900 CL 305 (DR 14) PVC WATER LINE PER DETAIL "CC" ON SHEET C5.01.
- 5. CONSTRUCT GATE VALVE AND VALVE BOX PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-9. SEE DETAIL "FF" ON SHEET C5.02.
- 6. CONSTRUCT CONNECTION TO BUILDING FIRE RISER. SEE DETAIL "SS" ON SHEET C5.03.
- 7. CONSTRUCT HORIZONTAL BEND AND CONCRETE THRUST BLOCK PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-11. SEE DETAIL "GG" SHEET ON C5.02. ANGLE, SIZE, AND MATERIAL AS REQUIRED.
- 8. CONSTRUCT FIRE HYDRANT ASSEMBLY PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-6. SEE DETAIL "OO" ON SHEET C5.03.
- 9. CONSTRUCT BOLLARD PER DETAIL "PP" ON SHEET C5.03. NUMBER AND SPACING AS SHOWN ON PLAN.
- 10. DIP WATER AND FIRE WATER LINES UNDER STORM DRAIN LINE WITH MINIMUM 12" CLEARANCE BETWEEN CROSSING PIPES.
- 11. CONSTRUCT PIPE UNDERCROSSING AT GRADE BEAM WITH CONCRETE ENCASUREMENT PER DETAIL "TT" ON SHEET C5.03.

DOMESTIC WATER CONSTRUCTION NOTES

- 1. CONSTRUCT CONNECTION TO EXISTING 6" WATER LINE AS SHOWN.
- 2. CONSTRUCT GATE VALVE AND VALVE BOX PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD W-9. SEE DETAIL "FF" ON SHEET C5.02.
- 3. CONSTRUCT 3" SCH 40 PVC WATER LINE WITH ALL NECESSARY FITTINGS PER DETAIL "CC" ON SHEET C5.01.
- 4. CONSTRUCT CONNECTION TO BUILDING WATER LINE. SEE PLUMBING PLAN FOR CONTINUATION.
- 5. CONSTRUCT 2.5" SCH 40 PVC WATER LINE WITH ALL NECESSARY FITTINGS PER DETAIL "BB" ON SHEET C5.01.
- 6. CONSTRUCT 2" SCH 40 PVC WATER LINE WITH ALL NECESSARY FITTINGS PER DETAIL "BB" ON SHEET C5.01.
- 7. CONSTRUCT VALVE AND VALVE BOX PER DETAIL "DD" ON SHEET C5.01.
- 8. CONSTRUCT CONNECTION TO SITE IRRIGATION SYSTEM. SEE IRRIGATION PLANS FOR CONTINUATION.

LEGEND

	PROPOSED FLOWLINE
	PROPOSED SEWER LINE
	PROPOSED STORM DRAIN LINE
	PROPOSED WATER LINE
	PROPOSED FIRE WATER LINE
	PROPOSED GAS LINE (SEE PLUMBING PLANS)
	PROPOSED CHAIN LINK FENCE
	EXISTING RIGHT OF WAY
	EXISTING EASEMENT
	EXISTING FENCE
	EXISTING OVER HEAD WIRE
	EXISTING ELECTRICAL LINE
	EXISTING GAS LINE
	EXISTING WATER LINE
	EXISTING STORM DRAIN LINE
	EXISTING FIREWATER LINE
	EXISTING SEWER LINE
	EXISTING COMMUNICATION LINE

MATCHLINE - SEE SHEET C4.03

MATCHLINE - SEE SHEET C4.01

GENERAL NOTE

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EXISTING UTILITIES NOTES

- 1. LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES SHOWN ARE ESTIMATES ONLY AND WERE BASED ON AS-BUILT PLANS AND OBSERVED SURFACE EVIDENCE. CONTRACTOR TO FIELD VERIFY LOCATION, SIZE, DEPTH AND MATERIAL TYPE OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY AND ALL DISCREPANCIES.
- 2. CONTRACTOR SHALL ADJUST ALL EXISTING UTILITY PULL BOXES, CLEANOUTS, VAULTS AND OTHER SURFACE LIDS/COVERS WITHIN THE PROJECT AREA TO FINISH SURFACE ELEVATION.

UTILITY CROSSING NOTE

- 1. WHERE A DOMESTIC WATER LINE CROSSES A FIRE WATER LINE THE PIPE TO PIPE CLEARANCE SHALL BE 6" MINIMUM. IF NECESSARY USE 45° ELBOWS ON THE DOMESTIC WATER LINE, 5' ON EITHER SIDE OF THE FIRE WATER LINE TO RAISE THE DOMESTIC WATER LINE TO ACHIEVE THE 6" MIN PIPE TO PIPE CLEARANCE AND 24" MINIMUM COVER OVER THE DOMESTIC WATER LINE.

NOTE: THE INTENT OF THIS DRAWING IS TO INDICATE ONLY THE REVISIONS SHOWN IN THE CLOUDED AREAS. ALL OTHER WORK SHALL REMAIN UNCHANGED PER DSA APPROVED SHT. C4.02, (A#03-122536, DATED 03/24/2023)

AGENCY

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architecture planning interiors

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An Employee Owned Corporation

ARCHITECT

CONSULTANT

DESIGNED BY

CHECKED BY

DATE

DESCRIPTION

NO.

DATE

DESCRIPTION

SOUTHERN KERN UNIFIED SCHOOL DISTRICT

ROSAMOND HIGH EARLY COLLEGE CAMPUS

2925 ROSAMOND BLVD.
ROSAMOND, CA 93560

WET UTILITY PLAN

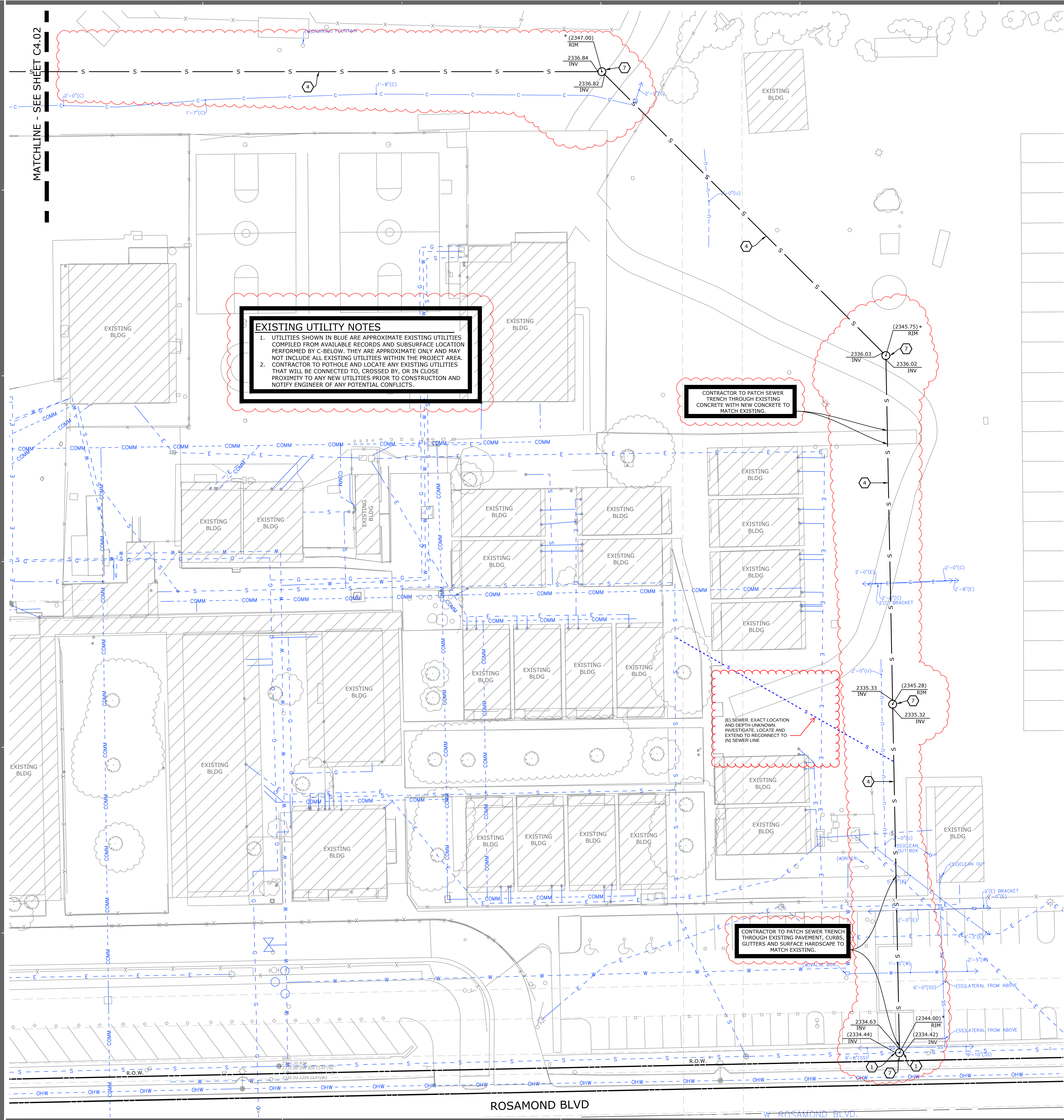
Job No. 2990

Date 06.28.2023

C4.02

811

Know what's below.
Call before you dig.



SEWER CONSTRUCTION NOTES

- CONSTRUCT CONNECTION TO EXISTING SEWER LINE AS SHOWN. LOCATION, SIZE AND DEPTH OF EXISTING SEWER SHOWN IS APPROXIMATE AND WAS BASED ON AS-BUILT PLANS AND OBSERVED SURFACE EVIDENCE. CONTRACTOR TO FIELD VERIFY LOCATION, SIZE, DEPTH AND MATERIAL TYPE OF EXISTING SEWER LINES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY AND ALL DISCREPANCIES.
- CONSTRUCT 4" SDR 35 PVC SANITARY SEWER LINE PER DETAIL "AA" ON SHEET C5.01. MINIMUM 2.0% SLOPE. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT SEWER SYSTEM AS SHOWN.
- CONSTRUCT 6" SDR 35 PVC SANITARY SEWER LINE PER DETAIL "AA" ON SHEET C5.01. MINIMUM 2.0% SLOPE. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT SEWER SYSTEM AS SHOWN.
- CONSTRUCT 8" SDR 35 PVC SANITARY SEWER LINE PER DETAIL "AA" ON SHEET C5.01. MINIMUM 0.4% SLOPE. INSTALL ALL FITTINGS, ELBOWS, WYES AND TEES NECESSARY TO CONSTRUCT SEWER SYSTEM AS SHOWN.
- CONSTRUCT SANITARY SEWER CLEANOUT PER SPWPC STD PLAN 204-2 (MODIFIED TO BE NON-TERMINAL WHERE SHOWN ON PLAN). SEE DETAIL "HH" ON SHEET C5.02.
- CONSTRUCT CONNECTION TO BUILDING SEWER LINE. SEE PLUMBING PLAN FOR CONTINUATION.
- CONSTRUCT 48" SEWER MANHOLE PER ROSAMOND COMMUNITY SERVICES DISTRICT STANDARD S-7 WITH MANHOLE FRAME AND COVER PER STANDARD S-6. SEE DETAIL "II" ON SHEET C5.02.

LEGEND

→	PROPOSED FLOWLINE
S	PROPOSED SEWER LINE
SD	PROPOSED STORM DRAIN LINE
W	PROPOSED WATER LINE
FW	PROPOSED FIRE WATER LINE
G	PROPOSED GAS LINE (SEE PLUMBING PLANS)
X	PROPOSED CHAIN LINK FENCE
- - -	EXISTING RIGHT OF WAY
- - - X - - -	EXISTING EASEMENT
- - - OHW - - -	EXISTING OVER HEAD WIRE
- - - E - - -	EXISTING ELECTRICAL LINE
- - - G - - -	EXISTING GAS LINE
- - - W - - -	EXISTING WATER LINE
- - - SD - - -	EXISTING STORM DRAIN LINE
- - - FW - - -	EXISTING FIREWATER LINE
- - - S - - -	EXISTING SEWER LINE
- - - COMM - - -	EXISTING COMMUNICATION LINE

GENERAL NOTE

CONTRACTOR TO FURNISH AND INSTALL ALL NECESSARY FITTINGS TO CONSTRUCT UTILITY SYSTEMS AS SHOWN ON PLAN INCLUDING ECCENTRIC TEES/WYES WHERE NEEDED.

EXISTING UTILITIES NOTES

- LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES SHOWN ARE ESTIMATES ONLY AND WERE BASED ON AS-BUILT PLANS AND OBSERVED SURFACE EVIDENCE. CONTRACTOR TO FIELD VERIFY LOCATION, SIZE, DEPTH AND MATERIAL TYPE OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY AND ALL DISCREPANCIES.
- CONTRACTOR SHALL ADJUST ALL EXISTING UTILITY PULL BOXES, CLEANOUTS, VAULTS AND OTHER SURFACE LIDS/COVERS WITHIN THE PROJECT AREA TO FINISH SURFACE ELEVATION.

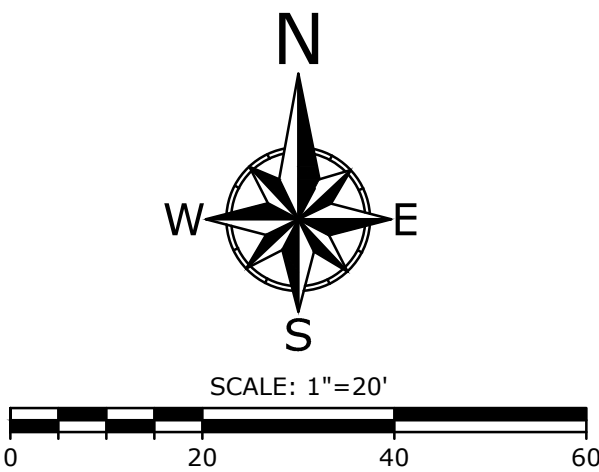
*EXISTING SLOPES AND ELEVATIONS NOTE

ALL EXISTING SLOPES AND ELEVATIONS DENOTED WITH A "*" WERE TAKEN FROM AN AERIAL TOPO DONE BY OTHERS. NO DETAILED TOPO WAS DONE IN THIS AREA. IMPROVEMENTS IN THESE AREAS ARE INTENDED TO BE CONSTRUCTED TO MATCH EXISTING GRADES. CONTRACTOR TO FIELD VERIFY ELEVATIONS AND NOTIFY ENGINEER OF ANY CONFLICTS WITH DESIGN.

UTILITY CROSSING NOTE

- WHERE A DOMESTIC WATER LINE CROSSES A FIRE WATER LINE THE PIPE TO PIPE CLEARANCE SHALL BE 6' MINIMUM. IF NECESSARY USE 45° ELBOWS ON THE DOMESTIC WATER LINE, 5' ON EITHER SIDE OF THE FIRE WATER LINE TO RAISE THE DOMESTIC WATER LINE TO ACHIEVE THE 6' MIN PIPE TO PIPE CLEARANCE AND 24" MINIMUM COVER OVER THE DOMESTIC WATER LINE.

NOTE: THE INTENT OF THIS DRAWING IS TO INDICATE ONLY THE REVISIONS SHOWN IN THE CLOUDED AREAS. ALL OTHER WORK SHALL REMAIN UNCHANGED PER DSA APPROVED SHT. C4.03, (A#03-122536, DATED 03/24/2023)



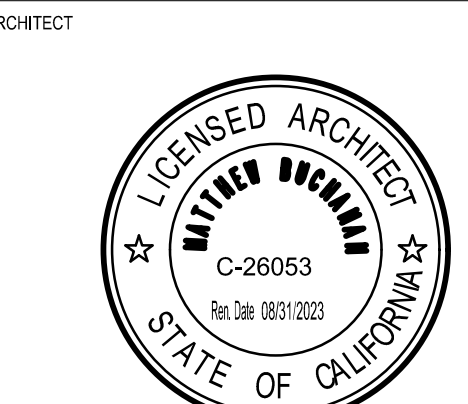
AGENCY

FLEWELLING & MOODY
architecture planning interiors

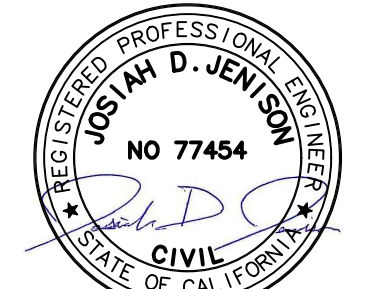
HEADQUARTERS OFFICE:
815 Colorado Blvd, Suite 200
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E-Mail: fm-peasadena@flewelling-moody.com

ANTELOPE VALLEY OFFICE:
1035 West Lancaster Boulevard
Lancaster, California 93534
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E-Mail: fm-lancaster@flewelling-moody.com

An Employee Owned Corporation



CONSULTANT



Drawn by

Checked by

Revisions

No.	Date	Description

All dimensions must be checked at the job by the contractor who accepts full responsibility for their accuracy under the contract. These plans & the specifications in connection therewith have been prepared for a specific site. Any and all responsibility for their use in whole or in part on any other site is hereby disclaimed by Flewelling & Moody.

SOUTHERN KERN UNIFIED SCHOOL DISTRICT

ROSAMOND HIGH EARLY COLLEGE CAMPUS

2925 ROSAMOND BLVD. ROSAMOND, CA 93560

WET UTILITY PLAN

Job No.

2990

Date

06.28.2023

C4.03

UNDERGROUND UTILITY MAP

WITHIN THE CITY OF ROSAMOND, COUNTY OF KERN, CALIFORNIA

PREPARED FOR:

SOUTHERN KERN UNIFIED SCHOOL DISTRICT

UTILITY QUALITY LEVELS NOTES

INFORMATION PROVIDED PER AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) STANDARD ASCE/UESI/CI 38-22

UTILITY QUALITY LEVEL A

QUALITY LEVEL A BUILDS ON QLB INFORMATION BY CONFIRMING THE EXISTENCE, EXACT LOCATION, AND OTHER ATTRIBUTES OF SUBSURFACE UTILITIES THROUGH EXPOSURE OF THE UTILITY USING SAFE EXCAVATING PRACTICES. QLA DATA ARE DETERMINED BY PHYSICALLY EXPOSING AN UNOBSERVABLE UTILITY FEATURE OR UTILITY SEGMENT (ESSENTIALLY MAKING IT OBSERVABLE) AND DOCUMENTING ITS SPATIAL EXTENT AND CHARACTERISTICS WITH A HIGH DEGREE OF ACCURACY.

UTILITY QUALITY LEVEL B

QUALITY LEVEL B DATA ARE DETERMINED BY CORRELATING APPROPRIATE GEOPHYSICAL INTERPRETATIONS INDICATING A UTILITY SEGMENT OR UTILITY FEATURE WITH OTHER PERTINENT INFORMATION IN HAND TO DETERMINE THE BEST POSITIONAL DOCUMENTATION FOR THE UTILITY SEGMENT. THE DOCUMENTATION OF THE UTILITY SEGMENT DEPENDS ON THE GEOPHYSICAL EQUIPMENT USED FOR THE INVESTIGATION, INTERPRETATION OF THE GEOPHYSICS, THE HORIZONTAL INTERPRETED POSITION, AND REDUCTION OF THE RESULTING DATA INTO THE DELIVERABLE.

UTILITY QUALITY LEVEL C

QUALITY LEVEL C DATA ARE DETERMINED BY CORRELATING UNDERGROUND UTILITY SEGMENTS FROM EXISTING SECOND-PARTY INFORMATION TO OBSERVABLE AND MEASURABLE VISIBLE UTILITY FEATURES. QUALITY LEVEL C DOES NOT REFER TO THE UTILITY FEATURE OR PORTION OF THE UTILITY SEGMENT THAT IS VISIBLE. IT REFERS TO THE UNOBSERVABLE PORTION OF THE UTILITY FEATURE OR UTILITY SEGMENT THAT CONNECTS TO VISIBLE SURVEYED UTILITY FEATURES. QUALITY LEVEL C INFORMATION CONFIRMS THE EXISTENCE, GENERAL LOCATION, ATTRIBUTES, AND, WHERE APPLICABLE, DIRECTION OF SUBSURFACE UTILITY ASSETS THAT CAN AT LEAST BE PARTIALLY VIEWED OR INFERRED WITHOUT EXCAVATION

UTILITY QUALITY LEVEL D

UTILITY QUALITY LEVEL D (QLD) INFORMATION IS DETERMINED PRIMARILY FROM THE REVIEW AND DOCUMENTATION OF EXISTING SECOND PARTY INFORMATION, SUCH AS UTILITY RECORDS, HISTORICAL PROJECT RECORDS, PERMITS, VERBAL ACCOUNTS, EXISTENCE OF SERVICE, VISUAL INDICATORS, AND/OR ONE-CALL MARKINGS, PUT INTO CONTEXT WITH ANY OTHER INFORMATION THE PROFESSIONAL HAS IN THEIR POSSESSION DURING A UTILITY INVESTIGATION

UTILITY NOTES

- FACILITIES (UTILITY LINES) SHALL BE LOCATED AND MARKED PRIOR TO EXCAVATION. CALL (800) 90-BELOW.
- CONTRACTOR SHALL HAND-EXPOSE TO A POINT OF NO CONFLICT 24" ON EITHER SIDE OF THE UNDERGROUND FACILITY, REGARDLESS OF THE ESTIMATED DEPTH.
- DEPTHS SHOWN ARE APPROXIMATE. ESTIMATED DEPTHS ARE FROM THE GROUND SURFACE TO THE CENTER OF THE FACILITY, INVERT OF WASTE LINES, OR TO THE FACILITY TRACER WIRE. DEPTH ESTIMATES SHOULD BE USED WITH CAUTION AND MAY VARY ALONG THE LENGTH OF THE FACILITY.
- UTILITY BRACKETS ARE SHOWN TO DEMONSTRATE MULTIPLE LINES TRAVELING TOGETHER IN EITHER A DUCTBANK OR BUNDLE.
- THE SCOPE OF THIS SURVEY DOES NOT INCLUDE FACILITY SIZE OR NUMBER OF CONDUIT IN MULTIPLE CONDUIT RUNS. IRRIGATION LINES ARE NOT INCLUDED IN THIS SURVEY.
- THE BACKGROUND SITE PLAN USED IN PREPARING THIS MAP WAS PREPARED BY OTHERS AND PROVIDED TO C BELOW BY THE CLIENT. C BELOW MAKES NO REPRESENTATION AS TO THE ACCURACY OF THE PLAN.
- IN THE EVENT THE INFORMATION SHOWN IN THIS PLAN VARIES FROM THE ACTUAL SITE CONDITIONS, C BELOW SHALL BE NOTIFIED WITHIN 24 HOURS AFTER DISCOVERY OF THE CONFLICT.

UNDERGROUND LINE LEGEND

UTILITY QUALITY LEVEL B:

ELECTRICAL	E
GAS	G
COMMUNICATION	C
WATER	W
SANITARY SEWER	SS
STORM DRAIN	SD
POSSIBLE LINE LOCATION, BASED ON GPR DETECTION	U
STREET LIGHT	SL
AIR	AIR
TRAFFIC SIGNAL	TS
FIRE WATER	FW
CHILLED WATER	CHW
HOT WATER	HW
RECLAIMED WATER	RW

UTILITY QUALITY LEVEL C:

ELECTRICAL	E
GAS	G
COMMUNICATION	C
WATER	W
SANITARY SEWER	SS
STORM DRAIN	SD
STREET LIGHT	SL
AIR	AIR
TRAFFIC SIGNAL	TS
FIRE WATER	FW
CHILLED WATER	CHW
HOT WATER	HW
RECLAIMED WATER	RW

UTILITY QUALITY LEVEL D:

ELECTRICAL	E
GAS	G
COMMUNICATION	C
WATER	W
SANITARY SEWER	SS
STORM DRAIN	SD
STREET LIGHT	SL
AIR	AIR
TRAFFIC SIGNAL	TS
FIRE WATER	FW
CHILLED WATER	CHW
HOT WATER	HW
RECLAIMED WATER	RW

KEY NOTES

- NON-CONDUCTIVE, UNABLE TO LOCATE PAST THIS POINT.
- BLOCKED
- NO ACCESS, UNABLE TO LOCATE PAST THIS POINT.
- CANNOT PUSH FURTHER PAST THIS POINT.
- AT BUILDING
- AT DROP
- AT RISER
- CANNOT OPEN, UNABLE TO LOCATE PAST THIS POINT.

ABBREVIATIONS

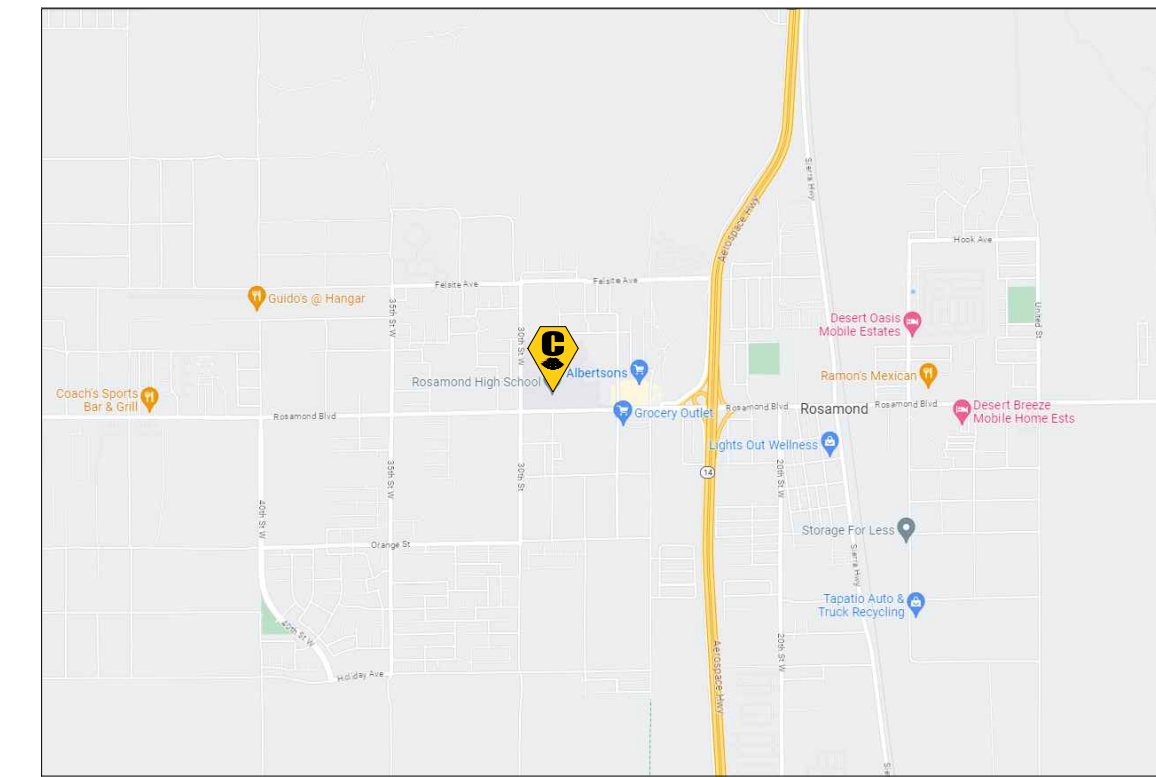
BFP	BACKFLOW PREVENTER
(C)	COMMUNICATION
(E)	ELECTRIC
(G)	GAS
ICV	IRRIGATION CONTROL VALVE
(SL)	STREET LIGHT
(SS)	SANITARY SEWER
(U)	UNKNOWN
(W)	WATER

LEGEND/SYMBOL

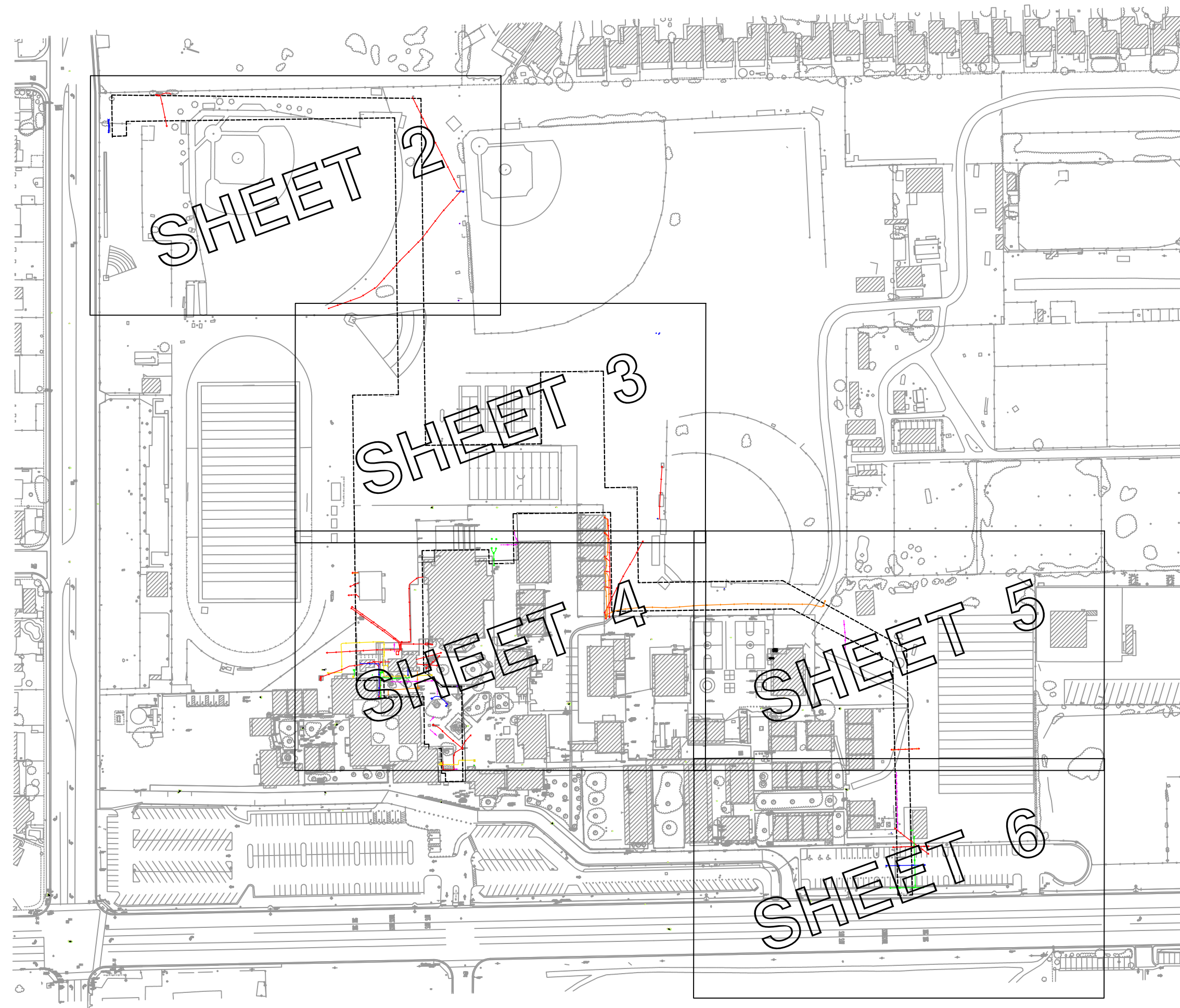
◄◄	BACKFLOW PREVENTER
○	CLEAN OUT
1'-6"	DEPTH FROM SURFACE
○	MANHOLE
□	PULL BOX
⊗	VALVE
□	VAULT

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KEY MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE



UTILITY DEPICTION

UNDERGROUND UTILITY LAYOUT SHOWN HEREON IS BASED ON LOCAL CONTROL COORDINATE SYSTEM

DRAWING SHEETS	
SHEET NO.	SHEET TITLE
1	COVER SHEET
2-6	UTILITY MAP

BID CLARIFICATION NO.2 (06-30-2023)



C BELOW SUBSURFACE IMAGING
1385 OLD TEMESCAL RD., STE 100
CORONA, CA 92881

GROUND PENETRATING RADAR (GPR)
UTILITY LOCATING
RADIOGRAPHY
POTHOLING
MAPPING

P: 888-902-3569
F: 951-356-4830
www.cbelow.com

NOTES: The services provided by C Below, Inc. do not relieve the Client and/or property owner of the responsibility of having to comply with California Government Code §54216-4216.9. It is expressly understood by the Client and/or owner that CBSI services are not a substitute for compliance with California Code §54216-4216.9.

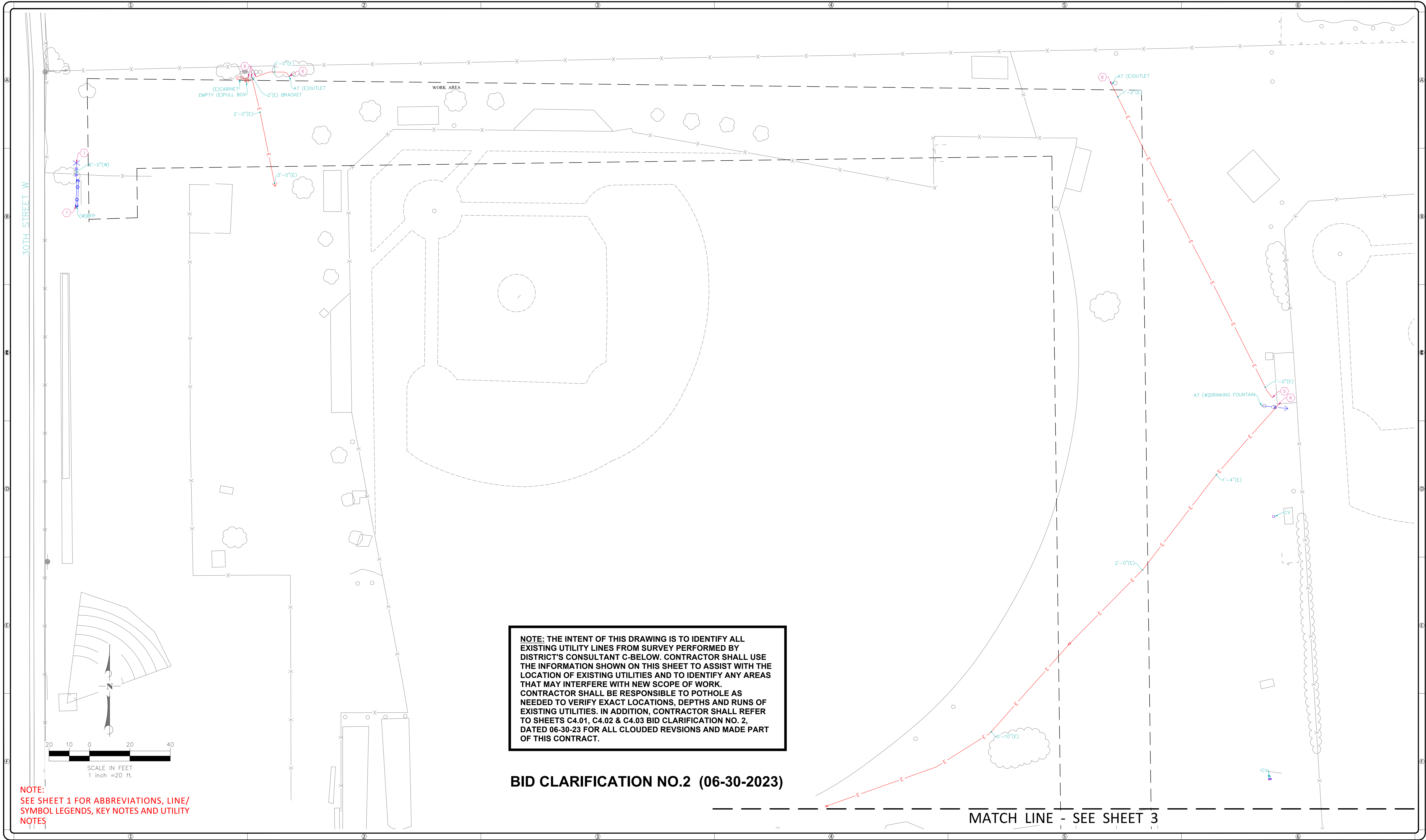
PROJECT:
PARTIAL UNDERGROUND UTILITY MAP FOR:
ROSAMOND HIGH SCHOOL
2925 ROSAMOND BLVD.
ROSAMOND, CA 93560

CLIENT:
SOUTHERN KERN UNIFIED SCHOOL DISTRICT
2601 ROSAMOND BLVD.
ROSAMOND, CA 93560

REVISIONS			
NO	DATE	BY	DESCRIPTION

DATE LOCATED: 06/2023
DRAWN BY/DATE: OG 06/20/2023
TECHNICIAN: E. ZAMORA
CHECK BY/DATE: JV 06/21/2023
QC CHECKED BY/DATE: COVER SHEET
DRAWING NAME: PROJECT NO: 23-6949
SCALE: N.T.S.

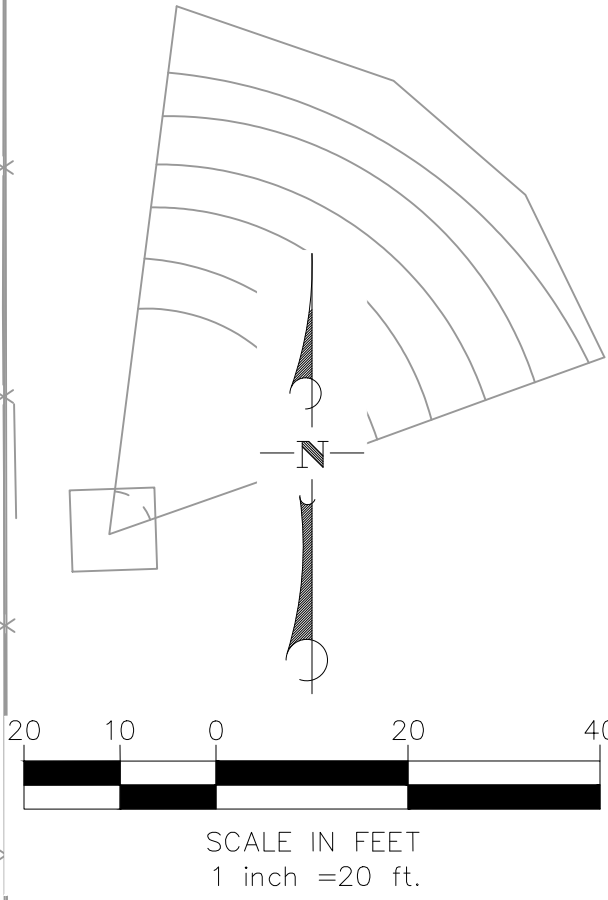
SHEET 1 OF 6



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BID CLARIFICATION NO.2 (06-30-2023)

NOTE:
SEE SHEET 1 FOR ABBREVIATIONS, LINE/
SYMBOL LEGENDS, KEY NOTES AND UTILITY
NOTES





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**GROUND PENETRATING RADAR (GPR)
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PROJECT:
PARTIAL UNDERGROUND UTILITY MAP FOR:
ROSAMOND HIGH SCHOOL
2925 ROSAMOND BLVD.
ROSAMOND, CA 93560

CLIENT:
SOUTHERN KERN UNIFIED SCHOOL DISTRICT
2601 ROSAMOND BLVD.
ROSAMOND, CA 93560

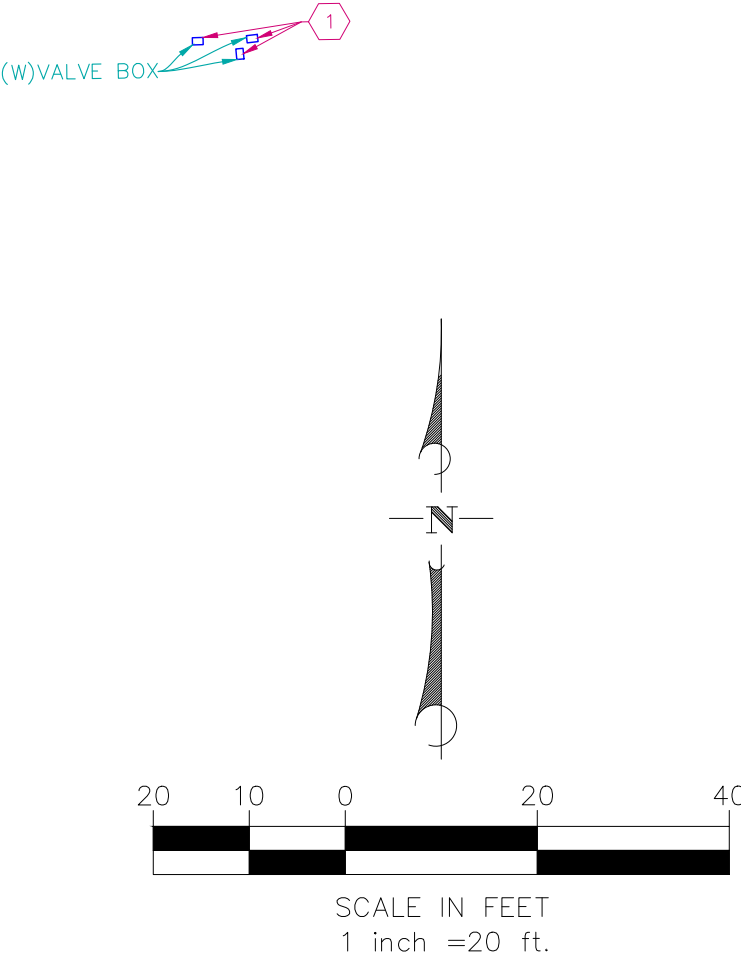
REVISIONS			
NO	DATE	BY	DESCRIPTION

DATE LOCATED: 06/2023
DRAWN BY/DATE: OG 06/20/2023
TECHNICIAN: E. ZAMORA
CHECK BY/DATE: JV 06/21/2023
QC CHECKED BY/DATE: UTILITY MAP
DRAWING NAME: PROJECT NO: 23-6949
SCALE: 1" = 20'

SHEET 2 OF 6

MATCH LINE - SEE SHEET 2

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NOTE:
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SYMBOL LEGENDS, KEY NOTES AND UTILITY
NOTES

BID CLARIFICATION NO.2 (06-30-2023)

MATCH LINE - SEE SHEET 4



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PROJECT:
PARTIAL UNDERGROUND UTILITY MAP FOR:
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2925 ROSAMOND BLVD.
ROSAMOND, CA 93560

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SOUTHERN KERN UNIFIED SCHOOL DISTRICT
2601 ROSAMOND BLVD.
ROSAMOND, CA 93560

REVISIONS				
NO	DATE	BY	DESCRIPTION	

DATE LOCATED: 06/2023
DRAWN BY/DATE: OG 06/20/2023
TECHNICIAN: E. ZAMORA
CHECK BY/DATE: JV 06/21/2023
QC CHECKED BY/DATE: UTILITY MAP
PROJECT NO: 23-6949
SCALE: 1" = 20'

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MATCH LINE - SEE SHEET 3

MATCH LINE - SEE SHEET 5

NOTE: SEE SHEET 1 FOR ABBREVIATIONS, LINE/ SYMBOL LEGENDS, KEY NOTES AND UTILITY NOTES

BID CLARIFICATION NO.2 (06-30-2023)



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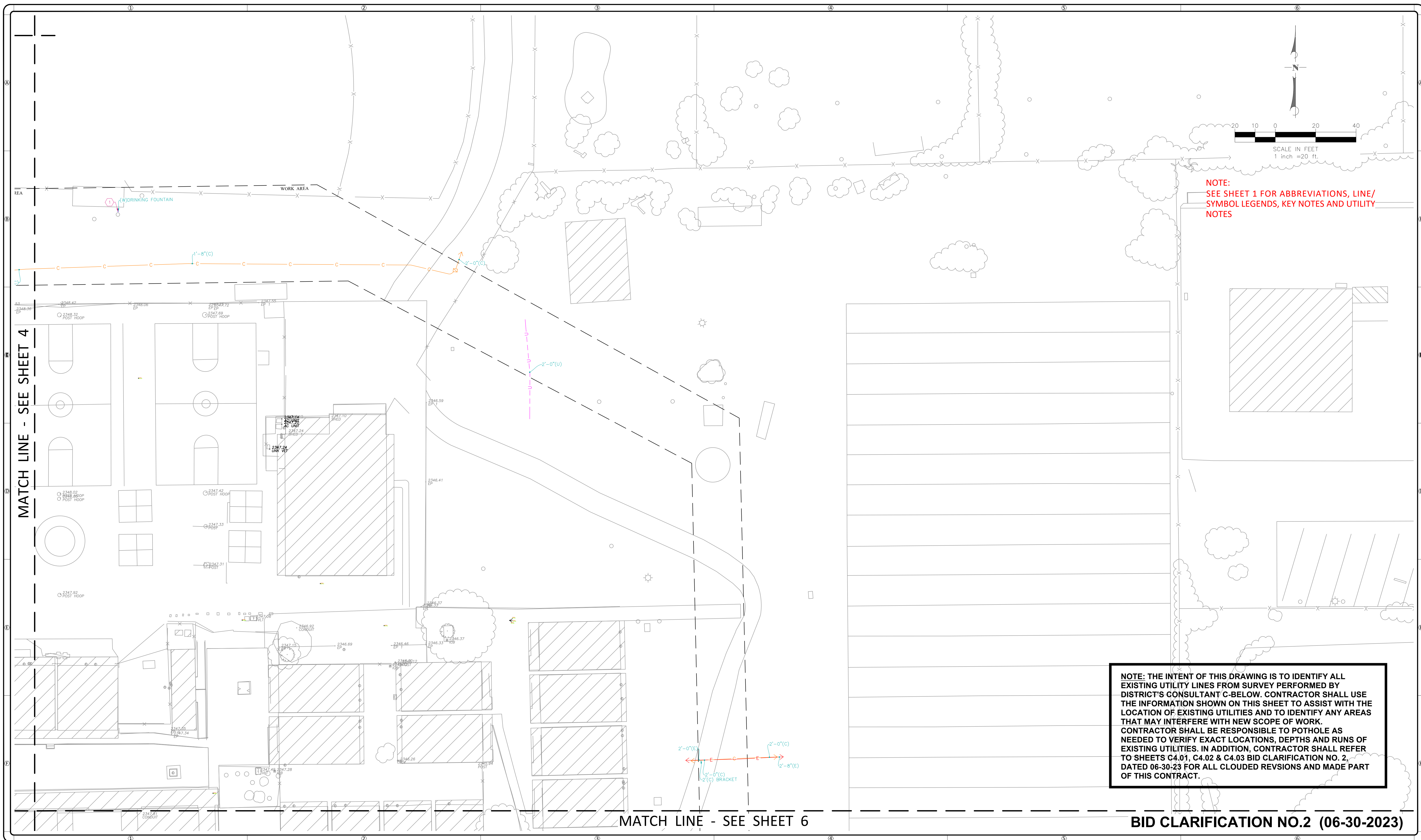
PROJECT:
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2925 ROSAMOND BLVD.
ROSAMOND, CA 93560

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ROSAMOND, CA 93560

REVISIONS				
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DRAWN BY/DATE: OG 06/20/2023
TECHNICIAN: E. ZAMORA
QC CHECKED BY/DATE: JV 06/21/2023
DRAWING NAME: UTILITY MAP
PROJECT NO: 23-6949
SCALE: 1" = 20'

SHEET 4 OF 6



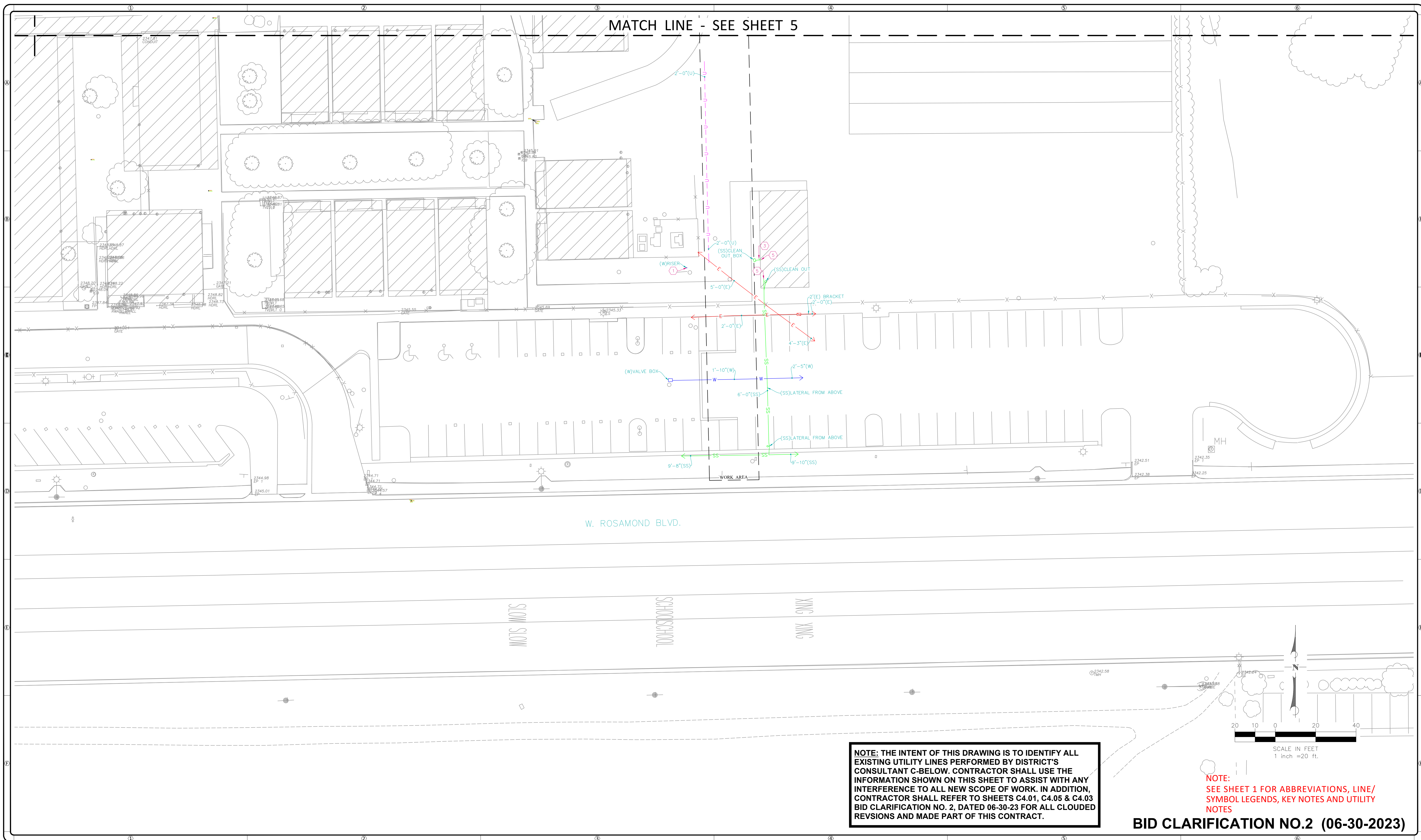
MATCH LINE - SEE SHEET 4

MATCH LINE - SEE SHEET 6

BID CLARIFICATION NO.2 (06-30-2023)

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 C BELOW SUBSURFACE IMAGING An RMA Company	C BELOW SUBSURFACE IMAGING 1385 OLD TEMESCAL RD., STE 100 CORONA, CA 92881	NOTES: The services provided by C Below, Inc. do not relieve the Client and/or property owner of the responsibility of having to comply with California Government Code §§4216-4216.9. It is expressly understood by the Client and/or owner that CBSI services are not a substitute for compliance with California Code §§4216-4216.9.	PROJECT: PARTIAL UNDERGROUND UTILITY MAP FOR: ROSAMOND HIGH SCHOOL 2925 ROSAMOND BLVD. ROSAMOND, CA 93560	CLIENT: SOUTHERN KERN UNIFIED SCHOOL DISTRICT 2601 ROSAMOND BLVD. ROSAMOND, CA 93560	REVISIONS				DATE LOCATED: <u>06/2023</u>	
	 GROUND PENETRATING RADAR (GPR) UTILITY LOCATING RADIOGRAPHY POTHOLING MAPPING				P: 888-902-3569 F: 951-356-4830 www.cbelow.com		NO	DATE	BY	DESCRIPTION
								TECHNICIAN CHECK BY/DATE: <u>E. ZAMORA</u>		
								QC CHECKED BY/DATE: <u>JV 06/21/2023</u>		
								DRAWING NAME: <u>UTILITY MAP</u>		
								PROJECT NO: <u>23-6949</u>	SCALE: <u>1" = 20'</u>	



NOTE: THE INTENT OF THIS DRAWING IS TO IDENTIFY ALL EXISTING UTILITY LINES PERFORMED BY DISTRICT'S CONSULTANT C-BELOW. CONTRACTOR SHALL USE THE INFORMATION SHOWN ON THIS SHEET TO ASSIST WITH ANY INTERFERENCE TO ALL NEW SCOPE OF WORK. IN ADDITION, CONTRACTOR SHALL REFER TO SHEETS C4.01, C4.05 & C4.03 BID CLARIFICATION NO. 2, DATED 06-30-23 FOR ALL CLOUDED REVISIONS AND MADE PART OF THIS CONTRACT.

NOTE:
SEE SHEET 1 FOR ABBREVIATIONS, LINE/
SYMBOL LEGENDS, KEY NOTES AND UTILITY
NOTES

BID CLARIFICATION NO.2 (06-30-2023)



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PROJECT:

PARTIAL UNDERGROUND UTILITY MAP FOR:
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REVISIONS			
NO	DATE	BY	DESCRIPTION

DATE LOCATED: 06/2023
 DRAWN BY/DATE: OG 06/20/2023
 TECHNICIAN
 CHECK BY/DATE: E. ZAMORA
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 PROJECT NO: 23-6949 SCALE: 1" = 20'