

MANGINI ASSOCIATES INC.

4320 West Mineral King Avenue Visalia, California 93291 (559) 627-0530

www.mangini.us

 DATE:
 November 26, 2023

 MAI NO.:
 23044

 DSA APPL. NO.:
 02-122132

 DSA FILE NO.:
 10-28

 PTN:
 62126-38

ADDENDUM FOR:

NEW TK CLASSROOMS AT CHENEY KINDERGARTEN

COALINGA-HURON UNIFIED SCHOOL DISTRICT COALINGA, FRESNO COUNTY, CALIFORNIA

Michael J. Scott ARCHITECT

MANGINI ASSOCIATES INC. 4320 W. Mineral King Avenue, Visalia, CA 93291 PHONE: (559) 627-0530 FAX: (559) 627-1926 C-34290 Steve Eastham

ELECTRICAL ENGINEER

ROSE SING EASTHAM AND ASSOCIATES INC. 131 S. Dunworth Avenue, Visalia, CA 93292 PHONE: (559) 733-2671 FAX: (559) 733-0372 E-18786

ADDENDUM NUMBER

1

NON-DSA

ADDENDUM NO. 1

TO PROSPECTIVE BIDDERS:

This Addendum forms a part of the Contract Documents and modifies the Contract Documents dated January 31, 2024.

Bidders shall acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder.

This Addendum consists of 4 printed pages and the following Attachments:

Coalinga-Huron Unified School District - Approved Contractors

Specification Section 00 4100R - Bid Form, dated 9/16/24

Blair, Church & Flynn Addendum 1 - Landscape Revisions, dated 9/13/24

Drawing LA1, dated 9/16/24

Drawing LA2, dated 9/16/24

Drawing IR1, dated 9/16/24

Drawing IR2, dated 9/16/24

Drawing IR3, dated 9/16/24

Drawing IR4, dated 9/16/24

Drawing ES1.1R, dated 9/16/24

Drawing E3.1R, dated 9/16/24

CHANGES TO THE PROJECT MANUAL

ITEM NO. 1.1: Refer attached Coalinga-Huron Unified School District – Approved Contractors for the complete list of Pre-qualified MEP and General Contractors.

ITEM NO. 1.2: Refer to Spec Section 00 1110 – Invitation to Bid:

Refer to Paragraph 2.1: Bids are to be submitted before 4:00 pm PST, September 19, 2024.

Refer to Paragraph 3: Opening of Bids to occur at 4:00 pm PST, September 19, 2024.

ITEM NO. 1.3: Refer to Spec Section 00 4110 – Bid Form

Delete Section 00 4110 – Bid Form and replace it with attached Section 00 4110R – Bid Form, dated 9/13/24.

ITEM NO. 1.4: Refer to Section 01 4520 – Testing and Special Inspection Services:

Add Subparagraph 1.4.I.2:

- "2. Prefabricated (off-site built) wall framing.
 - a. Testing and Inspection: Refer to Section 06 1100.

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ITEM NO. 1.5: Refer to Section 06 1100 – Rough Carpentry:

Add Subparagraph 1.3.C:

- "C. Prefabricated (off-site built) wall framing:
 - 1. Where fabrication of structural, load-bearing or lateral load-resisting members or assemblies is being conducted "off-site", special inspections of the fabricated items shall be performed during fabrication. Inspection shall be periodic unless otherwise deemed necessary for continuous inspection.
 - 2. All costs associated with "off-site" wall framing will be paid directly by the Owner to the Project Inspector or Lab of Record, but these costs shall be invoiced to the Contractor by the Owner and withheld form payments and/or retention."

ITEM NO. 1.6: RFI Questions and Responses

RFI Question: Title 24 Block G5. Opaque assembly on plan sheet M5.2 shows the roofing as asphalt shingles, but the roofing is standing seam. Will this change the attic insulation? Can you please confirm attic R-value?

RFI Response: This will not change the attic insulation. R-30 insulation is to be used in the attic.

RFI Question: All new storm drain shown on plan sheet C4.1 ends at drainage outlet shown on 22/C7.1. Can you please confirm that the intent is for the water to bubble up and out through the drain channel and into the offsite gutter?

RFI Response: Yes, this is correct.

RFI Question: The new retaining curb per 32/C7.1 on plan sheet C3.1 will not leave access for forming between the existing chain link fence and the east side of the curb. Can removal and reinstallation of the chain link fabric be added to the scope? The same condition happens at the ramp adjacent to N. California St. Please see 33/C7.1.

RFI Response: This would be acceptable as means and methods so long as campus security is maintained through the duration of the project and the fencing is restored to its original condition upon the project's completion. However, the District is currently working with a different contractor to replace the perimeter fencing at this site. The contractor for this project will be required to coordinate work with the fencing contractor.

RFI Question: With the requirement to overexcavate 5' beyond the footprint of the building per 1/S2.2, it appears as the existing irrigation main running east/west at the south and east side of new building will conflict. Should the line be capped at the north east of Building 7 and removed during over excavation? RFI Response: The contactor is to verify if the main line in question is active. If active it is to be protected; if inactive it is to be capped.

RFI Question: At the informal play area, turf damage will extend north beyond the turf repair shown on plan sheet LA1. Should an allowance be added to repair additional turf in this area?
RFI Response: The project includes a \$5,000.00 cash allowance for repairs to the existing sprinkler system and reseeding of damaged lawn areas.

RFI Question: How much elevation change is required for the stepped footing at building line A on plan sheet S2.1

RFI Response: Step footing is no longer required along Gridline "A" due to the change in site design.

ADDENDUM NO. 1

RFI Question: What is the current status of PG&E design and application?

RFI Response: In progress, no timelines have been established with the utility provider at this time.

RFI Question: The project appears to be close to a balance, but if import soil is needed, will DTSC testing be required? If required, will this be performed by the Owner?

RFI Response: DTSC testing is required per project spec section 31 2000 subsection 2.2B. This will not be performed by the owner.

RFI Question: For the post bid documents that can be submitted within 24 hours of the bid, please confirm who they can be mailed to.

RFI Response: Documents that can be submitted after the bid shall be emailed to the School District to the attention of Desmond Agbontaen at dagbontaen@chusd.org. Please see Hannah Davidson at hdavidson@chusd.org and Joseph Martinez at jmartinez@tritongroup.com

RFI Question: We have our own CRC but obtaining these from subcontractors at the time of the bid has been difficult, as many subcontractors do not have an applicable fleet to report. Would it be acceptable to submit these CRCs for applicable subcontractors before work commences?

RFI Response: The CARB compliance form will be revised to indicate that the bidders must submit the CRCs for the bidder and all its subcontractors within 7 calendar days of the bid opening.

CHANGES TO THE DRAWINGS

ITEM NO. 1.7: Refer to attached Blair, Church & Flynn Addendum 1 – Landscape Revisions dated 9/13/24 and Drawings LA1, LA2, IR1, IR2, IR3, and IR4 dated 9/16/24 for changes to Landscape and Irrigation Drawings.

ITEM NO. 1.8: Refer to Sheet SD3, Enlarged Site Plan:

Add Keynote 18 south of Bldg. 2 referring to Irrigation Drawing IR3 for booster pump and 5'-0"x 6'-0" concrete pad.

ITEM NO. 1.9: Refer to Sheet ES1.1, Site Electrical Plan:

Delete Drawing ES1.1 and replace with attached Drawing ES1.1R dated 9/16/24.

ITEM NO. 1.10: Refer to Sheet E3.1, One Line Diagram:

Delete Drawing E3.1 and replace with attached Drawing E3.1R dated 9/16/24.

END OF ADDENDUM NUMBER 1

Coalinga-Huron Unified School District Approved Contractor List (Submitted by 09/05/2024) Updated 09/13/2024 03:25 PM

Company	Address	Contact	Phone #	Email	License Classes	Expires
A-C Electric Company	Box 81977	Jackie Blevins	661-410-0000	jackieblevins@a-celectric.com	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-12 (Earthwork and Paving Contractors), C-61 (Limited Specialty)	01/02/2025
A3 Communications, Inc. DBA Blue Violet Networks	17815 Newhope St, suite M, Fountain Valley, CA, 92708	Igor Bogatov	714-485-4451	bids@blueviolet.net	C-10 (Electrical Contractor)	06/20/2025
Able Heating & Air Conditioning, Inc.	1020 Colorado Avenue, Chula Vista, CA, 91911	Shantel Nunn	619-409-9100 x221	snunn@ableac.net	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor)	10/16/2024
Advanced Alarm & Fire, Inc.	8724 Millergrove Dr., Santa Fe Springs, CA, 90670	Emma Reyes	562-351-3694	emmaq@weprotectall.com	C-10 (Electrical Contractor)	10/16/2024
Ag-Con Construction Inc.	580 Harrison Street, San Jose, CA, 95125	Lisa Schultz	408-279-9922	lisa@ag-con.com	B (General Building Contractor)	01/16/2025
ALESSANDRO ELECTRIC INCORPORATED	11335 Sunrise Gold Circle Rancho Cordova, CA 95742	CLINT ALESSANDRO	916-283-6966	estimating@alessandroelectric.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	03/04/2025
All-Tech Fire & Security, Inc.	10010 Rosedale Hwy, Suite A, Bakersfield, California 93312	Brian Richards	661-371-3300	brian@alltechfire.com	C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	04/03/2025
AMERICAN CONSTRUCTION COMPANY LLC dba ACC	1130 N Kraemer Blvd # i, Anaheim , CA, 92806	Ben Hamed	714-844-2140	office@accandengineering.com	B (General Building Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor)	09/10/2025
American Incorporated	1345 N. American Street, Visalia, CA, 93291	Brooke Faulkner	559-651-1776 x1422	bids@aminc.com	A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-21 (Building Moving/Demolition Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor), C-61 (Limited Specialty)	09/10/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
AMG & Associates, Inc.	26535 Summit Circle, Santa Clarita, CA 91350	Albert M. Giacomazzi	661-251-7401	estimating@amgassociatesinc.com	B (General Building Contractor), A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	01/11/2025
Antonios Economos DBA Economos Painting	325 South Sparks St, Burbank, CA, 91506	Antonios Economos	818-636-5990	economos50@yahoo.com	C-33 (Painting and Decorating Contractor)	03/11/2025
Ardent General, Inc.	2960 N. Burl Ave., Fresno, CA, 93727	James Myers	559-492-3969	estimating@ardentgeneral.com	A (General Engineering Contractor), B (General Building Contractor)	01/08/2025
Athens Painting & Commercial Coatings, Inc.	4291 SUZANNE DR, Pittsburg, CA, 94565	Athena Kouloulias	925-232-4446	athenspainting@comcast.net	C-33 (Painting and Decorating Contractor)	06/12/2025
Audeamus dba Sebastian	7600 N. Palm Ave, Fresno, CA, 93711	Ron Cato	559-290-0623	rcato@sebastiancorp.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor)	09/10/2025
Avidex Industries LLC	20382 Hermana Circle, Lake Forest, CA, 92630	Ron Ponce	949-428-6333	biddesk@avidex.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	01/16/2025
AVSAR Construction Development, Inc.	22110 Cajun Ct., Canoga Park, CA, 91303	Baris Avsar	310-795-2717	baris@avsarcd.com	B (General Building Contractor), C-27 (Landscaping Contractor), A (General Engineering Contractor), C-8 (Concrete Contractor)	06/12/2025
B E A M CONSTRUCTION ENTERPRISES INC	2127 25th Ave, San Francisco, CA, 94116	Michelle Dolan	650-302-8600	info@beamconstructioninc.com	B (General Building Contractor)	03/04/2025
BDM Inc.	240 North 12th Ave Box 306 Hanford, CA 93230	Lyle Bolte	559-554-5848	admin@bdminc.net	B (General Building Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor)	05/15/2025
Bernards Bros Inc.	555 First Street, San Fernando, CA 91340	Ali Hansen	818-898-1521	ahansen@bernards.com	A (General Engineering Contractor), B (General Building Contractor)	04/03/2025
Better Enterprises, Inc.	1148 N. Cypress Avenue, Fresno, CA, 93727	Susan Waid	559-233-2225	susan@betterenterprisesinc.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-8 (Concrete Contractor)	01/16/2025
Bill Nelson General Engineering Construction, Inc. dba Bill Nelson Construction	2741 E. Malaga Avenue, Fresno, CA, 93725	Stacy French	559-439-1756	stacy@bngec.us	A (General Engineering Contractor)	09/13/2025
BMY Construction Group, Inc.	5485 E. Olive Avenue, Fresno, CA, 93727	Eric Bower	559-243-4200	estimating@bmyinc.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor)	05/02/2025
Bowe Contractors Inc.	609 Bailey Ct, Tehachapi, CA, 93561	Karen Bowe	661-940-0899	kbowe@bowecontractors.com	A (General Engineering Contractor), B (General Building Contractor)	09/13/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
Bowen Engineering and Environmental	4664 S. Cedar Ave, Fresno, CA, 93725	Erik Bowen	559-233-7464	office@bowendemo.com	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-10 (Electrical Contractor), C-39 (Roofing Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	04/12/2025
Brazos Urethane, Inc.	28770 Ave. 14 1/2 Madera, CA 93638	Craig Opel	559-674-1111	c.opel@brazosurethane.com	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	01/16/2025
Building Electronic Controls, Inc.	3937 Alken Street, Suite A, Bakersfield, CA, 93308	Kimberly Carter- Morey	661-588-1390	kmorey@becinc.net	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	02/22/2025
Burke Diversified dba Burke Construction Co.	15115 Torrey Pines Circle, Chowchilla, CA, 93610	Samuel Oh	714-803-6911	soh@burkediversified.com	B (General Building Contractor), C-39 (Roofing Contractor)	04/03/2025
C.E. Pickup Company, Inc dba Pacific Sound Control	2677 N. Main Street, Suite 230, Santa Ana, CA, 92705	Colette Dunwoody	714-892-6022	info@pacificsoundcontrol.com	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-61 (Limited Specialty)	09/10/2025
Caliber Contracting Services, Inc	5191 E Dakota Ave, Fresno, CA, 93727	Christina Watson	559-330-6300	christina@calibercontracting.net	A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), C-33 (Painting and Decorating Contractor)	01/30/2025
Cash & Lincoln Fence Co. DBA Valley Fence Company	3505 Lind Avenue, Clovis, CA, 93612	Melissa Person	559-294-0451	melissa@valleyfence.company	B (General Building Contractor), C-13 (Fencing Contractor)	10/31/2024
CENCAL Services, InC.	3299 S. CEDAR AVENUE, FRESNO, CA, 93725	Shannon Burrough	559-291-3366	shannon@cencaldemo.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	05/02/2025
Class Leasing LLC	1651 S Juanita St, San Jacinto, CA, 92543	Tim Nicholas	951-238-7299	tim@classleasing.net	B (General Building Contractor)	02/13/2025
Climatec, LLC	2150 S. Towne Centre Pl., Suite 200	Ray Marquez	949-943-4726	rmarquez@climatec.com	B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	05/15/2025
COLOR NEW CO	22855 CALIFA ST., WOODLAND HILLS, CA, 91367	LOUIS LOIZU	818-884-0856	colornewco@yahoo.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	11/27/2024

Company	Address	Contact	Phone #	Email	License Classes	Expires
Core Contracting, Inc	1068 La Mirada Ct Vista, CA 92081	Aric Taylor	760-683-8308	ataylor@corecontractinginc.com	B (General Building Contractor), C-5 (Framing and Rough Carpentry Contractor)	06/12/2025
COSCO FIRE PROTECTION INC dba COSCO FIRE PROTECTION	4233 W. Sierra Madre, Ste. 108, Fresno, CA, 93722	Rick Marlin	800-485-3795	rmarlin@coscofire.com	C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), B (General Building Contractor)	05/15/2025
Courtney Inc.	16781 Millikan Avenue, Irvine, CA, 92606	Courtney Inc. Estimating	949-222-2051	joanna@courtneyinc.com	C-8 (Concrete Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor), C-61 (Limited Specialty)	02/20/2025
Covello's Pacific AirCare Inc	2890 Butterfield Rd, riverside, CA, 92503	Paul Covello	714-469-1757	paul@pachvac.com	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-61 (Limited Specialty)	12/27/2024
D. H. Williams Construction, Inc	1181 W Los Altos Ave, CA 93711	David Williams	559-641-3517	dhwco@comcast.net	A (General Engineering Contractor), B (General Building Contractor)	04/03/2025
DAC SERVICE, INC. DBA FOUR C'S CONSTRUCTION	1560 H Street, Fresno, CA, 93721	Linda Chavez	559-237-3990	linda@fourcsmetal.com	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	01/30/2025
Danny Ryan Precision Contracting, Inc. dba ADEP Precision Contracting	16782 Millikan Avenue Irvine, CA. 92606-5010	Debbie Carrillo	949-642-6664	dcarrillo@adepprecision.com	B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C- 22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification)	01/31/2025
David A. Bush, Inc.	518 N. Redington St., Hanford, CA 93230, Hanford, CA, 93230	Jasmine Cooper	559-584-1575	jasmine@bushconstruction.net	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-21 (Building Moving/Demolition Contractor)	12/20/2024
David M. Bertino Manufacturing, Inc.	P.O. Box 1820, Colton, CA, 92335	Cindy Hutton	909-888-9122	cindy@davidmbertinomanufacturing.com	C-6 (Cabinet, Millwork and Finish Carpentry Contractor)	05/15/2025
Davis Moreno Construction, Inc.	4720 N. BLYTHE AVE., FRESNO, CA, 93722	Stephen Davis	559-275-9410	stephen@davismorenoconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor), C-39 (Roofing Contractor), C-61 (Limited Specialty)	02/13/2025
Diede Construction, Inc	PO Box 1007, Woodbridge, CA, 95258	Steve Diede	209-369-8255	estimating@diedeconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-8 (Concrete Contractor), C-15 (Flooring and Floor Covering Contractors), C-27 (Landscaping Contractor), C-39 (Roofing Contractor), C-61 (Limited Specialty), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	11/30/2024

Company	Address	Contact	Phone #	Email	License Classes	Expires
DigiTech Integration, Inc.	104 East Sixth Street, Hanford, CA, 93230	Colby Semas	559-582-2300	csemas@digitechintegrationinc.com	C-10 (Electrical Contractor)	02/13/2025
DKM Heating & Air Conditioning	5844 Walnut St, Loomis, CA, 95650	Eric Payne	916-652-4478	Cpayne@dkmhvac.com	B (General Building Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	12/27/2024
Doug Ross, Inc. DBA Central Valley Asphalt	23494 Road 196, Lindsay, CA, 93247	Chelsea Aleston	559-562-7802	chelsea@cvavalley.com	A (General Engineering Contractor)	02/13/2025
Durham Construction Company, Inc.	1025 Holland Ave, Clovis, CA 93612	Chris Durham	559-294-9500	chris@durham-construction.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-16 (Fire Protection Contractor), C-39 (Roofing Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	05/15/2025
Eco Energy Solutions, Inc. dba High Volt Electric	4485 Runway St., Simi Valley, CA, 93063	Karo Gyonjyan	818-993-3732	karo@highvoltelectric.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	11/09/2024
EIDIM Group Inc. dba EIDIM AV Technology	1015 S. Placentia Ave. Fullerton, CA 92831	Aman Jain	562-777-1009 x104	estimate@eidim.com	B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	09/10/2025
EKC Enterprises, Inc.	4658 E Weathermaker Ave, FRESNO, CA, 93703	Greg Alavezos	559-203-5166	greg@ekccorp.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	03/04/2025
Electricraft, Inc.	200 Suburban Road, Suite A, San Luis Obispo, CA, 93401	Jon W. Treder (Wes)	805-544-8224	info@electricraftinc.com	C-10 (Electrical Contractor), C-11 (Elevator Contractor)	01/11/2025
Elite Foodservice Development LLC	1921 Carnegie Ave. Suite #3C, Santa Ana, CA, 92705	Robert Perry	657-210-4512 x101	rob@elitefsd.com;angie@elitefsd.com;dir k@elitefsd.com	B (General Building Contractor)	11/27/2024
F&H Construction	1115 E. Lockeford Street, Lodi, CA 95240	Taryn Rodriguez	209-931-3738	trodriguez@f-hconst.com	A (General Engineering Contractor), B (General Building Contractor)	09/10/2025
FIRE SYSTEM SOLUTIONS, INC.	4277 W Richert Ave Ste 103, Fresno, CA, 93722	Jorge Moran	559-275-4894	jmoran@firesystemsolutions.com	C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	09/10/2025
Fresno Plumbing & Heating, Inc. dba Fresno Plumbing	2585 N. Larkin Ave., Fresno, CA, 93727	Debbie Kumpe	559-294-0200	wyndieg@fphinc.com	B (General Building Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	09/10/2025
Fresno Roofing Company, Inc.	5950 E. Olive Avenue, Fresno, CA, 93727	Linda Gonzales	559-255-8377	linda@fresnoroofingco.net	B (General Building Contractor), C-39 (Roofing Contractor), C-2 (Insulation and Acoustical Contractor)	06/12/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
GCB1 Inc dba GC Builders	3003 N. Monroe Avenue, Fresno, CA, 93723	Connie Alvarado	559-430-5780	alvarado_connie@comcast.net	B (General Building Contractor)	02/09/2025
Global Modular Inc	1120 Commerce Ave, 25, Atwater, CA, 95301	Adam DeBard	209-676-8029	adebard@gdvi.net	B (General Building Contractor)	05/15/2025
Graham Prewett, Inc.	2773 N. Business Park Avenue, Suite 102, Fresno, CA, 93727	Meghan Sanders	559-291-3741	meghan@gpiroofing.com	A (General Engineering Contractor), B (General Building Contractor), C-22 (Asbestos Abatement Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	10/24/2024
H2I Group, Inc.	1679 Placentia Ave., Costa Mesa, CA 92627	Mike Kurnik	714-503-0326	MKurnik@h2igroup.com	C-6 (Cabinet, Millwork and Finish Carpentry Contractor), C-61 (Limited Specialty)	09/10/2025
Harris Development Corp dba HBC Enterprises	1840 Shaw Ave, Ste. 105-08, Clovis, CA, 93611	Rob Harris	559-575-3000	robathbc@gmail.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-13 (Fencing Contractor), C-29 (Masonry Contractor), C-12 (Earthwork and Paving Contractors), C-61 (Limited Specialty), C-27 (Landscaping Contractor)	09/10/2025
HEAVY ROAD & RAIL, INC.	2491 Alluvial Ave Ste 24, Clovis, CA, 93611	Pamela Silva	559-400-0222	psilva@heavy-road.com	A (General Engineering Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor), C-13 (Fencing Contractor)	06/12/2025
Holloway Construction, Inc.	13101 13th Road West, Hanford, CA, 93230	Jami Holloway	559-585-0368	jami@hollowayconstructioninc.net	A (General Engineering Contractor), B (General Building Contractor), C-9 (Drywall Contractor)	09/10/2025
Horizons Construction Company International Inc.	432 W Meats Avenue, Orange, CA, 92865	Yazmin Barrera	714-626-0000	bidding@horizonscci.com	B (General Building Contractor), A (General Engineering Contractor), C-36 (Plumbing Contractor), C-12 (Earthwork and Paving Contractor), C-8 (Concrete Contractor), C-21 (Building Moving/Demolition Contractor), C-2 (Insulation and Acoustical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-15 (Flooring and Floor Covering Contractors), C-33 (Painting and Decorating Contractor)	12/27/2024
Howe Electric Construction, Inc.	4682 E. Olive Avenue, Fresno, CA, 93702	Kirstin Howe	559-255-8992	Kirstin.howe@howe-electric.com	B (General Building Contractor), C-10 (Electrical Contractor), C-46 (Solar Contractor)	12/26/2024

Company	Address	Contact	Phone #	Email	License Classes	Expires
HPS Mechanical, Inc.	3100 E. Belle Terrace Bakersifeld, CA 93307	Alma Martinez	661-397-2121 x8209	planroom@hpsmechanical.com	A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-2 (Insulation and Acoustical Contractor), C- 10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor), C-43 (Sheet Metal Contractor), C-46 (Solar Contractor), HAZ (Hazardous Substance Removal Certification)	01/02/2025
Huntington Beach Electric Inc	17632 metzler lane, Suite 213, huntington beach, CA, 92647	eric bridge	714-264-9522	eric@huntington-beach-electric.com	C-10 (Electrical Contractor), A (General Engineering Contractor)	05/15/2025
HVC Plumbing Inc.	5746 E Shields Ave Ste 103, Fresno, CA, 93727	Cristela Villalobos	559-644-5884	cristela.hvcplumbing@gmail.com	C-36 (Plumbing Contractor)	03/05/2025
Industrial Electronic Systems Inc	3250 Monier Circle #F, Rancho Cordova, CA, 95742	Lutfi Abed	916-638-1000	labed@iesi.net	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	04/03/2025
J. Boone Mechanical, Inc.	34 W. Palo Alto Ave Suite 101, Clovis, CA, 93612	James Boone	559-207-3470	james@jboonemechanical.com	A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor)	02/08/2025
J. Noble Binns Plumbing Co., Inc.	3529 Pegasus Drive, Bakersfield, CA, 93308	Michelle Heinrichs	661-615-6101	michelle@binnsplumbing.com	C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-34 (Pipeline Contractor), C-16 (Fire Protection Contractor), C-55 (Water Conditioning Contractor)	01/29/2025
J.R. Barto Heating / Air-Conditioning / Sheet Metal Inc	PO Box 2720, Orcutt, CA, 93455	Michelle Bevington	805-928-5486	lauren@jrbarto.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	04/03/2025
James E. Thompson, Inc., dba JTS Construction	PO Box 41765, Bakersfield, CA, 93384	Shellie Anderson	661-835-9270 x23	shelliea@jtsconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor)	11/28/2024
JD2 Inc	450 Nevada Street, Auburn, CA, 95603	Casey Lawton	530-878-5811	clawton@jd2inc.com	C-51 (Structural Steel Contractor)	11/28/2024
Jerico Fire Protection Co., Inc.	1380 N. Hulbert Avenue, Fresno, CA, 93728	GLORIA MAGDALENO	559-255-6446	gloria@jericofire.com	C-16 (Fire Protection Contractor)	01/02/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
JOES LANDSCAPING & CONCRETE, INC dba JOE'S LANDSCAPING	802 INYO AVE, NEWMAN, CA, 95360	JOSE GARCIA	209-862-2004	janet@joeslc.com	C-8 (Concrete Contractor), C-12 (Earthwork and Paving Contractors), C-13 (Fencing Contractor), B (General Building Contractor), C-61 (Limited Specialty), C-27 (Landscaping Contractor), C-21 (Building Moving/Demolition Contractor)	02/09/2025
Johnson Plumbing Industrial Inc	65 East 15th Street , Merced, CA, 95340	Jenifer Cunningham	209-384-1566	jen@johnsonindustrial.net	C-36 (Plumbing Contractor)	09/10/2025
JT2, Inc. dba Todd Companies	P.O Box 6820 , Visalia , CA, 93290	James Todd	559-651-5820	jt2@jt2inc.com	A (General Engineering Contractor), B (General Building Contractor), C-36 (Plumbing Contractor), C-21 (Building Moving/Demolition Contractor), C-61 (Limited Specialty), C-31 (Construction Zone Traffic Control Contractor)	01/31/2025
JTE Electrical inc	1101 National Dr Ste D, Sacramento, CA, 95834	Jim Tidwell	916-306-7534	jimt@jte-electrical.com	C-10 (Electrical Contractor)	12/27/2024
JUAREZ BROTHERS GENERAL ENGINEERING, INC	17244 El Dorado Drive, Madera, CA, 93636	Daniel Juarez	559-367-6909	danielj_22@yahoo.com	A (General Engineering Contractor)	01/31/2025
Katch Environmental, Inc DBA Katch General and Katch	929 L Street, Fresno, CA, 93721	Tom Chacon	559-292-6653	tom@katchenvironmental.com; Letisha@katchenvironmental.com	C-39 (Roofing Contractor), C-21 (Building Moving/Demolition Contractor), A (General Engineering Contractor), B (General Building Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-57 (Water Well Drilling Contractor)	05/15/2025
Kings County Air Conditioning, Inc.	14670 Hanford-Armona Road, Hanford, CA, 93230	Mark Mathis	559-584-4383	mark@kcairinc.com	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor)	06/20/2025
KITCOR CORPORATION	9959 Glenoaks Blvd, Sun Valley, CA, 91352	Ruby Soriano	818-767-4800 x15	ruby@kitcor.com	C-43 (Sheet Metal Contractor)	03/11/2025
KYA Services, LLC	1800 E McFadden Ave, Santa Ana, CA, 92705	Jessica Gomez	714-659-6477	jessica.gomez@thekyagroup.com	A (General Engineering Contractor), B (General Building Contractor), C-15 (Flooring and Floor Covering Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	12/26/2024

Company	Address	Contact	Phone #	Email	License Classes	Expires
Lawson Mechanical Contractors, LLC	6090 S. Watt Ave., Sacramento, CA, 95829	Sarah Pak	916-381-5000	prequals@lawsonmechanical.com	A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	06/12/2025
Lindsay Electric, Inc.	6321 N Montana Ave, Clovis, CA, 93619	Steven Lindsay	559-281-6308	laural@lindsay-electric.com	C-10 (Electrical Contractor)	12/26/2024
Los Angeles Air Conditioning, Inc.	1714 Lindbergh Court, La Verne, CA, 91750	Leah Santoscoy	909-596-7077	bpath@laair.net	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	09/13/2024
LPC Automation Inc.	3140 N. Argyle Ave. Suite 104, Fresno, CA, 93727	Joe Calafiore	888-742-5572	tescoto@lpcautomation.com	C-10 (Electrical Contractor)	01/16/2025
Lusardi Construction Company	1570 Linda Vista Drive, San Marcos, CA, 92078	Marcella Garofalo	760-744-3133	mgarofalo@lusardi.com	A (General Engineering Contractor), B (General Building Contractor)	06/12/2025
Lyles Utility Construction, LLC	525 W. Alluvial Avenue, Fresno, CA, 93711	Jeff Nelson	559-441-1900	jnelson@lylesutility.com	A (General Engineering Contractor)	10/16/2024
M3 MEP, LLC	5101 Florin Perkins Rd, Sacramento, CA, 95826	Anisa Lopez	916-381-8080	estimating@mark-three.com	A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor), C-10 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-7 (Low Voltage Systems Contractor)	12/27/2024
Marina Landscape, Inc.	3707 W Garden Grove Blvd, Orange, CA, 92868	Hue Ta	714-939-6600 x485	estimator@marinaco.com	A (General Engineering Contractor), B (General Building Contractor), C-27 (Landscaping Contractor), C-36 (Plumbing Contractor), C-61 (Limited Specialty), C-29 (Masonry Contractor)	02/08/2025
Mark Wilson Construction Inc.	5799 E Clinton Ave, Fresno, CA, 93727	Dawnette Rivas	559-348-0421	dawnette@markwilsonconstruction.com	B (General Building Contractor)	05/15/2025
MARKO CONSTRUCTION GROUP INC	3675 E JENSEN AVE, FRESNO, CA, 93725	PAUL GONG	559-222-7888	pkgong@markoconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-39 (Roofing Contractor), C-23 (Ornamental Metal Contractor)	01/30/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
McClanahan Inc DBA Hartmanaire	12 Gardenia, Lake forest, CA, 92630	Cindy McClanahan	951-479-6855	balanceandtest@aol.com	C-61 (Limited Specialty)	09/10/2025
McMurtrey Lince Inc.	1025 Espee Street, Bakersfield, CA, 93301	James McMurtrey	661-321-9130	jmcmurtrey@mcmurtreylince.com	B (General Building Contractor), C-10 (Electrical Contractor), C-42 (Sanitation System Contractor)	02/09/2025
Meehleis Modular Buildings, Inc.	1303 E. Lodi Avenue, Lodi, CA, 95240	Lannete Cunha	209-334-4637	Cadmin@meehleis.com	B (General Building Contractor)	12/26/2024
MESA ENERGY SYSTEMS INC dba EMCOR SERVICES MESA ENERGY	3980 N Chestnut Diagonal #101, FRESNO, CA, 93726	Daniel Bibioff	559-277-7900 x2208	clruelas@emcor.net	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-10 (Electrical Contractor), B (General Building Contractor), C-38 (Refrigeration Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-46 (Solar Contractor), C-7 (Low Voltage Systems Contractor), C-36 (Plumbing Contractor)	11/28/2024
Meyers Constructors Inc	7281 N Palm Bluffs Ave, Fresno, CA, 93711	Leann Sehon	559-473-0014	leann@meyersconstructors.com	B (General Building Contractor), C-51 (Structural Steel Contractor)	09/10/2025
Modern Air Mechanical	2200 Cooper Ave, Merced CA 95348	Sara Alvarado	209-722-0076	est@modernair.biz	C-43 (Sheet Metal Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor), C-38 (Refrigeration Contractor)	05/15/2025
MODESTO INDUSTRIAL ELECTRICAL CO dba INDUSTRIAL ELECTRICAL CO	1417 Coldwell Avenue, Modesto, CA, 95350	Michael Crumley	209-527-2800 x8421	mcrumley@iecmail.com	C-10 (Electrical Contractor)	03/28/2025
Morris Levin and Son	1816 S. K St, Tulare, CA, 93274	Selena Nevarez	559-686-8561 x295	snevarez@morrislevin.com	C-2 (Insulation and Acoustical Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-34 (Pipeline Contractor), C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor), C-43 (Sheet Metal Contractor), C-60 (Welding Contractor)	01/16/2025
National Glazing Solutions, LLC DBA National Window Covering Solutions	140 Mountain Brook Drive, Canton, GA, 30115	John O'Brien	866-925-2083	rfp@filmsandgraphics.com	C-61 (Limited Specialty)	04/03/2025
Nations Roof West LLC	5463 E. Hedges Ave. , Fresno , CA, 93727	Sean Rauch	559-252-1255	srauch@nationsroof.com	C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor)	10/24/2024
New England Sheet Metal and Mechanical Co.	2731 S. Cherry Ave., Fresno CA 93706	Joshua Wilkinson	559-268-7375	bids@nesm.com	A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor), HAZ (Hazardous Substance Removal Certification)	09/13/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
Nolte Sheet Metal Inc	1560 N. Marks Ave, Fresno, CA, 93722	Natalie Emerzian	559-275-1246	natalie@noltesheetmetal.com	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor)	09/18/2024
Ohno Construction Company	8884 Jurupa Road, Jurupa Valley, CA 92509	Sid Fontenot	619-278-8824 x100	mail@ohnoconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-12 (Earthwork and Paving Contractors), C-27 (Landscaping Contractor), C-61 (Limited Specialty)	11/28/2024
Oral E Micham Inc	21128 Sentinel Drive, Woodlake, CA, 93286	steve Tindle	559-564-5010	zee@michaminc.com	B (General Building Contractor), C-8 (Concrete Contractor)	10/23/2024
Overhaul Construction Inc	1030 MERCED ST, NEWMAN, CA, 95360	Francisco Alvarez	209-968-1947	overhaul_construction@yahoo.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor)	04/03/2025
Pacific Contractors Group Inc	19025 Parthenia St, Unit #122, Northridge, CA 91324	Setmir Qose	818-993-5899 x0	pacificcontractorsinc@gmail.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-35 (Lathing and Plastering Contractor)	01/16/2025
Pacific West Sound Professional Audio & Design, Inc.	521 E. 21st ST., Bakersfield, CA, 93305	Steve Grider	661-395-1448	steve@pacificwestsound.com	C-10 (Electrical Contractor)	01/31/2025
Painting & Decor, Inc.	1210 Jefferson St. Ste. K, Anaheim, CA 92807	John Buchner	949-888-2565	painting.decor@cox.net	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	09/10/2025
Pathway Communications LTD	12740 Danielson Court, Suite E, Poway, CA, 92064	Becky Thurmon	858-324-1036	beckyt@pcomus.com	C-7 (Low Voltage Systems Contractor)	11/27/2024
Pavion Corp.	1009 S. Placentia Ave, Fullerton, CA, 92831	Denise Taylor	714-599-4499	dtaylor@netronixint.com	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	09/10/2025
PCD	1032 Maxwell Drive, Santa Rosa, CA, 95401	Christian Velasquez	707-546-3633	bids@pcdinc.net	C-7 (Low Voltage Systems Contractor)	04/03/2025
Penn Air Control Inc	5941 LAKESHORE DR, CYPRESS, CA, 90630	Marissa Ramirez	714-220-9091	marissa@pennairgroup.com	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor)	06/20/2025
Perfection Stainless Fabrication, Inc.	901 Sumner Street, Bakersfield, CA, 93305	Chris Carmignani	661-324-5466	sales@perfectionsf.com	C-43 (Sheet Metal Contractor), C-61 (Limited Specialty)	12/26/2024
Pinguelo Construction, Inc	2288 Rockville rd. , Fairfield, CA, 94534	Francisco Nunes Pinguelo	707-864-3003	chadpinguelo@yahoo.com	B (General Building Contractor), C-17 (Glazing Contractor)	11/28/2024
Pisor Fence Division Inc	PO Box 7213, Citrus Heights, CA, 95843	Tony Borges	916-726-1173	tborges@pisorfence.net	C-13 (Fencing Contractor), C-61 (Limited Specialty), C-23 (Ornamental Metal Contractor), C-51 (Structural Steel Contractor), B (General Building Contractor)	05/02/2025
Precision Companies, Inc. dba Precision Doors & Millwork Co.	15088 La Palma Dr., Chino, CA, 91710	Lauren Hirchag	909-548-2700	laurenh@predoor.com	C-6 (Cabinet, Millwork and Finish Carpentry Contractor)	09/14/2024

Company	Address	Contact	Phone #	Email	License Classes	Expires
Premier Culinary Solutions dba Premier Prefabricated Equipment	1530 S Lewis, Anaheim, CA, 92805	Scott Roczey	951-377-3498	info@premierculinarysolutions.com	C-61 (Limited Specialty)	03/04/2025
Presidential Fire Protection, Inc.	4517 Harlin Drive, Sacramento, CA, 95826	Fabian Robles	916-379-9199	Fabian@presidentialfireprotection.com	C-16 (Fire Protection Contractor)	01/31/2025
Primal Paint, Inc.	117 Bernal Rd #70-625, san jose, CA, 95119	Cesar Arroyo	831-207-1424	cesar@primal-paint.com	C-33 (Painting and Decorating Contractor)	09/10/2025
Prime Painting Contractors, Inc	17033 Gledhill St, Northridge, CA, 91325	Bobby Tsangaris	818-833-8866	hq@primeptg.net	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	04/03/2025
Pro-Ex Construction,Inc	3223 Luyung Dr, Rancho Cordova, CA, 95742	Pavel Chernyy	916-970-0097	bids@proexconstruction.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor)	10/23/2024
ProWest PCM, Inc., dba ProWest Constructors	22710 Palomar Street, Wildomar, CA, 92595	Stephanie Ridlon	951-678-1038	sridlon@prowestconstructors.com	A (General Engineering Contractor), B (General Building Contractor), HAZ (Hazardous Substance Removal Certification)	05/15/2025
Pueblo Construction Inc.	232 Anacapa Street Suite 2D, Santa Barbara, CA, 93101	Marcella Cuevas	805-564-1313	marcella@puebloconstruction.net	B (General Building Contractor), C-39 (Roofing Contractor)	01/08/2025
R L H FIRE PROTECTION INC	4300 Stine Rd., Bldg 500, Bakersfield, CA 93313	Dawn Fulton	661-322-9344	dfulton@rlhfp.com	C-16 (Fire Protection Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor)	05/02/2025
R.E. Schultz Construction Inc.	1767 N. Batavia St., Orange, CA, 92865	Nicole Roth	714-649-2627	nicole@reschultzconstruction.com	A (General Engineering Contractor), B (General Building Contractor), C-61 (Limited Specialty)	09/10/2025
Rakkar Development & Construction	2038 N Jensen Ave Suite A, Fresno, CA 93706	Tajinder Rakkar	559-994-9482	taj@rpccompanies.com	B (General Building Contractor)	02/20/2025
RAN ENTERPRISES INC	17202 GOTHARD STREET, UNIT 1, HUNTINGTON BEACH, CA, 00000	THIERRY ABINADER	714-842-8688	thierry@ranent.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	03/11/2025
RB SHEET METAL, INC.	1893 CAPRI AVE STE G, MENTONE CA, 92359	LAURA GUTIERREZ	909-794-1775	rbsheetmetal@verizon.net	C-43 (Sheet Metal Contractor)	10/06/2024
Rdz Contractors,Inc	PO Box 760, Nipomo, CA, 93444	Pedro Rodriguez	805-458-5252	rdzcontractors@gmail.com	A (General Engineering Contractor), B (General Building Contractor)	02/22/2025
Red Hawk Services Inc., dba Red Hawk Fence	262 E 1st St, Perris, CA, 92570	Scott Moore	951-657-6400	scott@redhawkservices.us	A (General Engineering Contractor), B (General Building Contractor), C-13 (Fencing Contractor), C-61 (Limited Specialty)	03/04/2025
Rivera Equipment dba Valley Industrial Mechanical	PO Box 3457, Victorville, CA, 92393	Raymond Rivera	760-646-7974	cortney@revim.co	C-36 (Plumbing Contractor)	09/10/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
Russell Sigler Inc.	205 South Puente St., Brea, CA, 92821	Jeffrey Myers	714-421-2455	jmyers@siglers.com	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor)	09/13/2025
S D SYS INC dba Superior Door Systems	8059 Wing Ave, El Cajon, CA, 92020	Brett Murray	619-562-0224	accounting@sdsystemsinc.com	C-61 (Limited Specialty)	02/07/2025
S&H Construction, Inc.	5560 Boscell Common, Fremont, CA, 94538	Harmeet Anand	510-579-7382	shconstructioninc@sbcglobal.net	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-9 (Drywall Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor), A (General Engineering Contractor)	04/03/2025
Saboo Inc.	415 beatrice Court Suite #H, brentwood, CA, 94513	Toheed Asghar	925-588-6352	toheed@sabooinc.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-17 (Glazing Contractor), C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-36 (Plumbing Contractor)	03/11/2025
SAN FRANCISCO ROOFING SERVICES INC.	1314 DONNER AVENUE, SAN FRANCISCO, CA, 94124	LARRY GODINEZ	628-444-3610	larry@sfroofingservices.com	C-39 (Roofing Contractor)	05/15/2025
Satellite Painting, Inc	5655 Silver Creek Valley Road , Suite 449, San Jose, CA 95138.	Sarahi Barradas	408-264-1600	sarahi@satpainting.com	C-33 (Painting and Decorating Contractor)	01/11/2025
SERBAN'S BACKGROUND MUSIC INC dba SERBAN SOUND SYSTEMS	10010 Rosedale Hwy #A Bakersfield, California 93312	Brian Richards	661-371-3300	mdavis@serban.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	03/04/2025
Serenity Fire Protection	417 S. Associated Rd., # 215, Brea, CA, 92821	Robert Black	714-914-1463	robert@serenityfireprotection.com	C-16 (Fire Protection Contractor)	03/04/2025
Sign Factory, Printing & Office Equipment, Inc. dba Sign Factory	120 N 4th street, SIGN FACTORY, El Centro, CA, 92243	Mario Rodriguez	760-455-7589	mrgerardo@signfactory.org	C-45 (Electrical Sign Contractor), C-10 (Electrical Contractor), C-61 (Limited Specialty)	10/31/2024
Silver Creek Modular LLC.	2830 Barrett Ave., Perris, CA, 92571	Joe Nguyen	951-943-5393	sales@silvercreekmodular.com	B (General Building Contractor)	05/15/2025
Simco Mechanical, Inc.	3795 La Crescenta Ave, #102, Glendale, CA 91208	Cesar Rossignoli	818-957-4994	pq@simcomechanical.com	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor)	05/02/2025
Simile Construction Service, Inc.	4725 Enterprise Way, Ste. 1, Modesto, CA, 95356	Joe Simile	209-545-6111	estimating@similebuilt.com	A (General Engineering Contractor), B (General Building Contractor)	04/03/2025
SJD&B, Inc.	20451 Valley Blvd., Walnut, CA, 91789	Simon Jeon	909-481-0001	info@sjdandb.com	B (General Building Contractor), A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors), C-39 (Roofing Contractor)	01/11/2025
SKYCON ELECTRIC	5419 Standard St., Bakersfield, CA, 93308	Inetta L Rusciano	661-213-4141	inetta@skyconelectric.com	C-10 (Electrical Contractor)	06/12/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
SOLPAC Construction, Inc. dba Soltek Pacific Construction Company	2424 Congress Street, San Diego, CA, 92110	Kevin Cammall	619-296-6247	marketing@soltekpacific.com	A (General Engineering Contractor), B (General Building Contractor)	02/07/2025
Solutionz Videoconferencing, Inc. dba Solutionz, Inc.	1029 N. Swarthmore Avenue, Pacific Palisades, CA 90272	Ryan Marrs	310-571-1207 x1235	rmarrs@solutionzinc.com	C-7 (Low Voltage Systems Contractor)	02/20/2025
Sound Contracting Inc.	5665 E Westover Ave Suite 104, Fresno, CA, 93727	Eric Peters	559-224-2242	office@soundcontracting.net	C-7 (Low Voltage Systems Contractor)	02/07/2025
Steve Dovali Construction Inc.	8461 E. Olive Ave., Fresno, CA, 93737	Ryan Dovali	559-255-7603	dovaliconstruction5@gmail.com	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor)	01/31/2025
Steven's Electrical Contracting	17716 road 38, madera, CA, 93636	Steven Harris	559-363-9776	stevens3639776@gmail.com	C-10 (Electrical Contractor)	02/13/2025
Strategic Mechanical Inc	4661 E Commerce Ave, Fresno, CA, 93725	Mariah Oliveira	559-291-1952	moliveira@strategicmech.com	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-23 (Ornamental Metal Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-42 (Sanitation System Contractor), C-43 (Sheet Metal Contractor), C-51 (Structural Steel Contractor), C-60 (Welding Contractor)	02/13/2025
Stronghold Engineering Inc.	150 West Walnut Avenue, Perris, CA, 92571	Alyssa Digangi	951-684-9303	alyssa@teamsei.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	01/29/2025
T.P. Thomas Plumbing Inc	PO BOX 835	Mike Lansford	559-591-6499	mike@tptplumbing.com	C-36 (Plumbing Contractor)	11/28/2024
T3 Contractors Corp	17130 Van Buren Blvd #53, Riverside, CA, 92504	Chad Thompson	951-977-8370 x111	ethan@t3contractors.com	C-22 (Asbestos Abatement Contractor), C-21 (Building Moving/Demolition Contractor), ASB (Asbestos Certification)	10/23/2024
Tarlton and Son, Inc	3562 S. Elm Ave, Fresno, CA, 93706	Katie Machado	559-486-0584 x113	dholland@tarltonandson.com	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-9 (Drywall Contractor), C-35 (Lathing and Plastering Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	09/10/2025
TERRA WEST CONSTRUCTION, INC.	1030 Gettysburg Ave., #107,, Clovis, CA, 93612	Raegen Foreman	559-252-1356	raegen.foreman@terrawestconstruction.c om	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	12/27/2024
Thompson Builders Corporation	5400 Hanna Ranch Road, Novato, CA, 94945	Jenn O'Toole	415-456-8972 x4414	jenno@tbcorp.com	A (General Engineering Contractor), B (General Building Contractor), C-17 (Glazing Contractor)	09/13/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
Touch Of Green Landscape Inc.	1865 Herndon Ave, Clovis, CA, 93611	Javier Romo	559-242-6352	neomi@touchofgreenlandscape.us	C-27 (Landscaping Contractor)	01/11/2025
Tri Power Electrical Contractors INC	1656 W. 9th St Suite E Upland CA 91786	Ray Blanchard	909-931-2711	ray@tripowerelectric.com	C-10 (Electrical Contractor)	03/04/2025
Tri-Signal Integration, Inc	28110 Avenue Stanford, Unit D, Santa Clarita, CA, 91355	Wendy Rogers	818-581-2715	wrogers@tri-signal.com	C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	09/10/2025
TRUELINE CONSTRUCTION & SURFACING INC dba trueline	12397 Doherty Street, Riverside, CA 92503	ED KRUSE	951-817-0777	trueline40@gmail.com	A (General Engineering Contractor), C-32 (Parking and Highway Improvement Contractor), ASB (Asbestos Certification)	09/10/2025
Ultimate Pool Remodeling Inc dba Ultimate Construction	231 E. Alessandro Blvd A PMB 3	Daniel McCullah	951-686-1330	daniel@ultimatepoolremodeling.com	C-53 (Swimming Pool Contractor), B (General Building Contractor)	11/27/2024
Universal Coatings, Inc.	5191 E Dakota Ave, Fresno, CA, 93771	Leticia Maggard	559-233-6300	leticia@universalcoatings.net	A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), ASB (Asbestos Certification), C-22 (Asbestos Abatement Contractor)	04/03/2025
UNLIMITED ENVIRONMENTAL INC	2300 E. Curry Street, Building B, Long Beach, CA, 90805	Jill Dupleich	562-577-0861	info@ueiteam.com	B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C- 22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	09/13/2025
Unlimited Telecom Inc	2481 E Orangethorpe Ave. Fullerton CA 92831	Carlos De Andas	714-886-6045	cdeandas@unlimitedtelecom.net	C-7 (Low Voltage Systems Contractor)	12/27/2024
Valley Precision Grading	3330 Luyung Dr.,, Rancho Cordova, CA, 95742	Lawrence Hamocon	916-638-8800	lawrence@vpgrading.com	A (General Engineering Contractor), C-61 (Limited Specialty)	09/10/2025
Valley Unique Electric, Inc. dba Valley Unique Electric	75 Park Creek Dr, Clovis, CA, 93611	Mark Worthington	559-237-4795	mark@valleyunique.com	C-10 (Electrical Contractor)	09/10/2025
VLA Construction Inc	22815 Ventura Blvd. #157, Woodland Hills, CA, 91364	Veronique Loizu	818-225-1800	vlainc@hotmail.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	03/11/2025
W. Bradley Electric	90 Hill Road, Novato, CA, 94945	Joe Murphy	415-898-1400	vcarroll@wbeinc.com	C-10 (Electrical Contractor), B (General Building Contractor), A (General Engineering Contractor)	04/03/2025
WESTECH SYSTEMS, LLC dba Soltek Solar	827 Jefferson Avenue, Clovis, CA, 93612	Tierra Pang	559-455-1720 x242	tpang@westechsys.com	C-10 (Electrical Contractor), C-46 (Solar Contractor)	01/16/2025
Western Pacific Roofing Corp.	2229 E. Avenue Q, Palmdale, CA, 93550	Kimberley Jones	661-273-1336	kim@westpacroof.com	B (General Building Contractor), C-39 (Roofing Contractor)	09/10/2025

Company	Address	Contact	Phone #	Email	License Classes	Expires
Who Built Creative Builders, Inc. dba Creative Builders	P.O. Box 1568, Shafter, CA, 93263	Jana Gebhardt Fenk	707-763-6210	jana@whobuilt.biz	A (General Engineering Contractor)	05/02/2025
WILD ELECTRIC INCORPORATED	4626 E. Olive Avenue, Fresno, CA, 93702	HAELI ABEYTIA	559-251-7770	SUPPORT@WILDELECTRIC.NET	C-10 (Electrical Contractor)	01/08/2025
World Telecom & Surveillance, Inc.	1819 Keystone Court, Redding, CA, 96003	Todd Westlund	530-223-9753	todd@wtands.com	C-7 (Low Voltage Systems Contractor)	11/09/2024
Yosemite Fire & Security	PO Box 1493, North Fork, CA, 93643	Ryan Hansen	559-760-4423	rhansen@yosemitefire.com	C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	05/15/2025

SECTION 00 4110R - BID FORM **BID TO: Coalinga-Huron Unified School District 657 Sunset Street** Coalinga, CA 93210 **BID FROM:** Phone: Email:____ PROJECT: **NEW TK CLASSROOMS AT CHENEY KINDERGARTEN** BASIS FOR BIDS: All work required for construction of New TK Classrooms at Cheney Kindergarten, at 149 Adams St, Coalinga, California. The undersigned, having carefully examined the location of the proposed work, the local conditions of the place where the work is to be performed, the Invitation to Bid, the Instructions to Bidders, the Drawings, the Specifications, the Agreement, the General Conditions, all addenda, and all Contract Documents for this Project, proposes and agrees to be bound by all terms and conditions of the complete contract and agrees to perform, within the time stipulated, the contract, including all of its component parts, and everything required to be performed, and to provide and furnish any and all of the labor, materials, tools, expendable equipment, and all applicable taxes, utility and transportation services necessary to perform the contract and complete in a good workmanlike manner all of the work required, including sheeting, shoring and bracing, or equivalent method for protection of life and limb in trenches and open excavation in conformance with applicable safety orders, in connection with the Project called for by them for the entire order in strict conformity with the Contract Documents. ADDENDA: The following Addenda have been received. The modifications to the Bid Documents noted below have been considered and all costs are included in the Bid Sum. Addendum # Dated BASE BID: Lump Sum price for construction of the Base Bid portions of the Project (in accordance with the Contract Documents):

BID FORM 00 4110 - 1

Dollars (\$

CASH ALLOWANCES:

- .1 A cash allowance of \$16,950.00 for moisture control treatment, as described in Section 01 2100 Cash Allowances, is included in the Base Bid.
- .3 A cash allowance of \$5,000.00 for repair of existing sprinkler irrigation system and landscaping, as described in Section 01 2100 - Cash Allowances, is included in the Base Bid.

CONDITIONS

Bid Form:

- .1 Bidder agrees that he/she has checked carefully all words and figures inserted in the Bid Form and that he/she is solely responsible for errors or omissions therein.
- Forms submitted with incomplete bid amounts or signature are subject to non-acceptance by Owner. Amounts shall be stated in writing and figures.
- .3 Owner reserves the right to reject any or all Bids, waive any informality in any Bid, determine in his own discretion the responsibility of any Bidder, and determine which Bid is most advantageous to Owner.

Bid Form Attachments: Bid Form shall be accompanied the following, using forms included in the Project Manual:

- .1 Bid Form
- .2 Bidder's Bond
- .3 Subcontractor List / DIR Information
- .4 Non-Collusion Affidavit
- .5 Contractor's Certificate Regarding Workers Compensation
- .6 Fingerprinting Notice and Acknowledgment
- .7 Sufficient Funds Declaration
- .8 Acknowledgment regarding Drug Free Workplace
- .9 Acknowledgment regarding Alcoholic Beverage and Tobacco-Free Campus Policy
- .10 Acknowledgment regarding No Contracting with Sanctioned Entities
- .11 CARB Compliance Declaration
- .12 Roof Project Certification
- .13 Prime Bidder Good Faith Effort Worksheet and Prime Bidder Certification of Disabled Veteran Business Enterprise Participation.

Time for Completion: Bidder agrees to complete all Work within **270 calendar days,** commencing with the date established in the written notice from Owner to proceed, and ending with the date of Substantial Completion.

Substitutions: Bidder agrees he/she has reviewed the substitution requirements of Sections 00 2110 and 01 2500 and shall comply with such requirements.

Execution of Agreement: Bidder agrees that if its bid or bids are accepted by Owner, Bidder will execute the Agreement Form provided and furnish the required Bonds and Insurance Certificates within 7 calendar days after date of written Notice of Award by Owner. The undersigned further agrees that in case of default in executing these documents within the time fixed, the proceeds of the check or bond, accompanying this bid, shall become the property of the Owner.

Withdrawal of Bid: Bidder agrees that his/her Bid may not be withdrawn for a period of 60 calendar days after Bid Opening date.

Step One Liquidated Damages: Should the Contractor fail to complete this contract, and/or each phase of the work provided therein within the time fixed for such completion, pursuant to Government Code Section 53069.85, said Contractor shall forfeit and pay (or the Owner may deduct the amount thereof from any money due or to become due to the Contractor) the sum of **One Thousand Dollars (\$1,000.00)** per calendar day as Step One Liquidated Damages. In accordance with the provisions of Government Code Section 4215, the Contractor shall not be assessed liquidated damages where delay is caused by failure of the Owner or the owner of the utility to provide for the removal or relocation of utility facilities, but only if such facilities are not identified in the plans and specifications.

Step Two Liquidated Damages: Should the Contractor fail to complete and closeout this contract within 65 days of the Notice of Completion, pursuant to Government Code Section 53069.85, said Contractor shall forfeit and pay (or the Owner may deduct the amount thereof from any money due or to become due to the Contractor) the sum of **Two Hundred and Fifty Dollars (\$250.00)** per calendar day as Step Two Liquidated Damages, in addition to amounts which may be assessed for Step One liquidated damages.

Bidder's Representation as to Bids: Bidder certifies that his/her Bid is genuine and is not sham or collusive, or made in the interest or in behalf of any Bidder not herein named, and that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in a sham bid, or any other possible bidder to refrain from bidding, and that Bidder has not in any manner sought by collusion to secure for himself an advantage over any other Bidder.

Contractor's License: Contractors and subcontractors are required by law to be licensed and regulated by the Contractors' State License Board, which has jurisdiction to investigate complaints against contractors if a complaint is filed within 4 years of the date of the alleged violation. A complaint regarding alleged act or omission pertaining to structural defects must be filed within 10 years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, 3132 Bradshaw Road, Sacramento, California. Mailing address: P.O. Box 26000, Sacramento, California 95826.

Worker's Compensation: The bidder hereby certifies that it is aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and will comply with such provisions before commencing the performance of the work of this contract.

Authorized Signature: Bidder states that the signature below is of a person authorized to bind the Bidder to this Bid and the Agreement.

Wage Rates: The Bidder agrees to comply with the prevailing wage laws as set forth in Labor Code sections 1770-1780 unless an applicable federal labor law imposes a higher wage or stricter requirement, in which case the higher wage or stricter requirement will apply. The Contractor agrees to be responsible for the compliance by all subcontractors with Labor Code Section 1776. Pursuant to Labor Code Section 1770, the Bidder shall, as a penalty to the Owner, forfeit not more than \$50 for each calendar day or portion thereof, for each worker paid less than the prevailing rates as determined by the director for the work or craft in which the worker is employed. The amount of this penalty shall be determined by the California State Labor Commissioner and shall be based on consideration of the Contractor's mistake, inadvertence, or neglect in failing to pay the correct rate of prevailing wages, or the previous record of the Contractor in meeting his or her prevailing wage obligations, or the Contractor's willful failure to pay the correct rates of prevailing wages. In accordance with the Public Contract Code Section 6109, with respect to subcontractors which are ineligible to perform work on public works projects pursuant to Labor Code Section 1777.1 or 1777.7:

- .1 The Bidder shall not allow any such subcontractor to work of this project.
- .2 The Bidder shall repay to the Owner any money paid to any such subcontractor allowed to work on this project.
- .3 The Bidder shall pay the wages of the workers of any such subcontractor allowed to work on this project. Copies of the prevailing rate of per diem wages are on file at the principal office of the Owner, and are available to any interested party upon request, pursuant to Labor Code Section1773 and Section1773.2. The Bidder shall comply with provisions of the Labor Code Section 1775 regarding penalties for failure to pay prevailing wages.

Immigration Reform and Control Act of 1986: The bidder hereby certifies that it is, and at all times during the performance of work hereunder shall be, in full compliance with the provisions of the Federal Immigration Reform and Control Act of 1986 ("IRCA") in the hiring of its employees, and the bidder shall indemnify, hold harmless, and defend the Owner against any and all actions, proceedings, penalties or claims arising out of the bidder's failure to comply strictly with the IRCA.

DIR Registration: The Contractor and any proposed subcontractors shall not be qualified to submit a bid or to be listed in a bid proposal for the Project unless currently registered and qualified under Labor Code section 1725.5 to perform public work as defined by Division 2, Part 7, Chapter 1 (§§1720 et seq.) of the Labor Code.

Labor Compliance Program: Contractor and all subcontractors shall comply with Labor Code section 1776. In accordance with Labor Code section 1771.4(a)(1), the Project is subject to compliance monitoring and enforcement by the DIR. The Contractor and each subcontractor shall furnish a certified copy of all payroll records directly to the Labor Commissioner on a monthly basis, unless directed by the Owner to furnish such records more often, and in the format prescribed by the Labor Commissioner.

Qualified Bidder List: Pursuant to Public Contract Code section 20111.6, all general contractors and mechanical, electrical and plumbing subcontractors in license classifications A, B, C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43 and C-46 who intend to bid on the project must be pre-qualified. No bid will be accepted for such projects from subcontractors in the listed license categories that are not on the Owner's Qualified Bidder List.

DVBE Requirements: The Owner will require the successful Bidder to achieve the minimum goal of 3% DVBE (Disabled Veteran Business Enterprises) established in the bidding documents or to provide acceptable evidence of good faith efforts to do so.

If the bidder is a corporation, the und	ersigned hereby represents and warrants that the corporation is duly incor	porated
and is in good standing in the State of	fand that	(Name),
whose title is	, is authorized to act for and bind the corporation.	
The undersigned declares under pena correct.	alty of perjury under the laws of the State of California that the foregoing is	true and
Date:		
	Bidder Name (type or print)	
	Authorized Signator (type of print)	
	Signature	
	Organization (individual, partnership, or corporation)	
	Address	
	Contractor's License Number	Class
	Contractor's License Evniration Date	

SUBCONTRACTOR LIST / DIR INFORMATION

Public Contract Code Section 4100 / Labor Code Section 1725.5

Subcontractor List: Subcontracting under this Agreement shall be governed by the California "Subletting and Subcontracting Fair Practices Act" (Chapter 4, commencing at Section 4100, Division 2, Part 1 of the Public Contract Code of the State of California and any amendments thereof). In accordance with the provisions of Public Contract Code Section 4104, each bidder shall list below the name and location of place of business for each subcontractor licensed by the State of California who, under subcontract to the prime contractor, will perform a portion of the contract work in an amount in excess of one-half (1/2) of one percent (1%) of the total contract price. In each such instance the nature of the work to be sublet shall be described.

If a prime contractor fails to specify a subcontractor or if a prime contractor specifies more than one subcontractor for the same portion of work to be performed under the contract in excess of one-half (1/2) of one percent (1%) of the prime contractor's total bid, Contractor shall be deemed to have agreed that Contractor alone shall perform that portion.

No prime contractor whose bid is accepted shall (a) substitute any subcontractor, (b) permit any subcontractor to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original subcontractor listed in the original bid, or (c) sublet or subcontract any portion of the work in excess of one-half (1/2) of one percent (1%) of the prime contractor's total bid as to which the original bid did not designate a subcontractor, except as authorized in the Subletting and Subcontracting Fair Practices Act. Subletting or subcontracting of any portion of the work in excess of one-half (1/2) of one percent (1%) of the prime contractor's total bid as to which no subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, only after a finding reduced to writing as a public record of the authority awarding this contract setting forth the facts constituting the emergency or necessity.

DIR Information: Pursuant to Labor Code section 1725.5, Within 24 hours of the receipt of bids, the apparent low bidder shall provide the contractor's license number, and DIR registration number of all subcontractors listed on the Subcontractor List submitted with the Bid. The Contractor and any proposed subcontractors shall not be qualified to submit a bid or to be listed in a bid proposal for the Project unless currently registered and qualified under Labor Code Section 1725.5 to perform public work.

An inadvertent error in listing a subcontractor who is not registered under Labor Code Section 1725.5 shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that either: the subcontractor is registered prior to the bid opening; or the subcontractor is registered and has paid the penalty registration fee specified in Labor Code section 1725.5(a)(2)(E), if applicable, within 24 hours after the bid opening; or the subcontractor is replaced by another registered subcontractor under Public Contract Code Section 4107. Failure of a listed subcontractor to be registered shall be grounds under Public Contract Code Section 4107 for the Contractor, with the Owner's consent, to substitute a registered subcontractor for the unregistered subcontractor.

Submit with Bid - Co	ntractor:	Submit within 24 Hours of Bid		
Portion of Work	Subcontractor Name	Subcontractor Location	License Number	DIR Registration Number

Submit with Bid - Co	ntractor:	Submit within 24 Hours of Bid		
Portion of Work	Subcontractor Name	Subcontractor Location	License Number	DIR Registration Number

Submit with Bid - Co	ntractor:		Submit within 24 Hours of Bid	
Portion of Work	Subcontractor Name	Subcontractor Location	License Number	DIR Registration Number

NON-COLLUSION AFFIDAVIT

Public Contract Code Section 7106

То:		_	
Project:		_	
The undersigned declares	:	_	
I am the	[Title] of		[Company],
the party making a bid pro	oposal (bid) on the above-referenc	ed Project. The bid is r	not made in the interest of, or on behalf
of, any undisclosed perso	n, partnership, company, associati	ion, organization, or co	orporation. The bid is genuine and not
collusive or sham. The bio	lder has not directly or indirectly inc	duced or solicited any o	other bidder to put in a false or sham bid.
The bidder has not directl	y or indirectly colluded, conspired,	connived, or agreed w	ith any bidder or anyone else to put in a
sham bid, or to refrain f	rom bidding. The bidder has not	in any manner, direc	tly or indirectly, sought by agreement,
communication, or confe	rence with anyone to fix the bid pr	rice of the bidder or ar	ny other bidder, or to fix any overhead,
profit, or cost element of	the bid price, or of that of any oth	her bidder. All statem	ents contained in the bid are true. The
bidder has not, directly o	r indirectly, submitted his or her bi	d price or any breakdo	own thereof, or the contents thereof, or
divulged information or	data relative thereto, to any corp	oration, partnership, o	company, association, organization, bid
depository, or to any men	nber or agent thereof to effectuate	a collusive or sham bid	d, and has not paid, and will not pay, any
person or entity for such p	ourpose.		
Any person executing this	declaration on behalf of a bidder t	hat is a corporation, pa	artnership, joint venture, limited liability
company, limited liability	partnership, or any other entity, he	ereby represents that h	ne or she has full power to execute, and
does execute, this declara	tion on behalf of the bidder.		
I declare under penalty of	perjury under the laws of the State	of California that the fo	oregoing is true and correct and that this
declaration is executed or	, 2	2023, at	[City], California.
Date		-	
Printed Name		_	
Signature		_	

CONTRACTOR'S CERTIFICATE REGARDING WORKER'S COMPENSATION

Labor Code Section 3700

California Labor Code Section 3700, in relevant part, provides that:

Every employer except the state shall secure the payment of compensation in one or more of the following ways:

(a) By being insured against liability to pay compensation in one or more insurers duly authorized to write compensation insurance in this state.

(b) By securing from the Director of Industrial Relations a certificate of consent to self-insure either as an individual employer or as one employer in a group of employers. Said certificate may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his or her employees, ... "

I am aware of the provisions of the Labor Code section 3700 which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract. I shall supply the Owner with certificates of insurance evidencing that Workers' Compensation Insurance is in effect and providing that the Owner will receive thirty (30) days' notice of cancellation.

Proper Name of Company		
Printed Name		
Signature		

In accordance with Article 5 [commencing at Section 1860], Chapter 1, Part 7, Division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any work under this contract.

FINGERPRINTING NOTICE AND ACKNOWLEDGMENT

Education Code Section 45125.2

Business entities entering into contracts with the Owner for the construction, reconstruction, rehabilitation or repair of a facility must comply with Education Code sections 45125.1 and 45125.2. Such entities are responsible for ensuring full compliance with the law and should therefore review all applicable statutes and regulations. The following information is provided simply to assist such entities with compliance with the law.

- 1. If the District determines your employee(s) will have more than limited contact with students, then you must take one or more of the following steps:
 - a. Install a physical barrier at the work site to limit contact with pupils.
 - b. Have an employee, who the Department of Justice has ascertained has not been convicted of a violent or serious felony, continually monitor and supervise employees. The entity shall verify in the Independent Contractor Student Contact Form to the Owner that the employee charged with monitoring and supervising its employees has no such convictions. (See attached.)
 - c. Arrange for surveillance by personnel, with Owner approval.

If one or more of these steps is taken, you are not required to comply with Education Code section 45125.1.

2. If you are providing the services in an emergency or exceptional situation, you are not required to comply with Education Code section 45125.2. An "emergency or exceptional" situation is one in which pupil health or safety is endangered or when repairs are needed to make a facility safe and habitable. Owner shall determine whether an emergency or exceptional situation exists.

I have read the foregoing and agree to comply with the requirements of Education Code Sections 45125.1 and 45125.2 as applicable.

Date	Signature	
Printed Name	 Title	

ATTACHMENT

FINGERPRINTING NOTICE AND ACKNOWLEDGMENT

Under Education Code section 45125.1, no employee of a contractor or subcontractor who has been convicted of or has criminal proceedings pending for a violent or serious felony may come into contact with any student. A violent felony is any felony listed in subdivision (c) of Section 667.5 of the Penal Code. Those felonies are presently defined as:

- (1) Murder or voluntary manslaughter.
- (2) Mayhem.
- (3) Rape as defined in paragraph (2) or (6) of subdivision (a) of Section 261 or paragraph (1) or (4) of subdivision (a) of Section 262.
- (4) Sodomy as defined in subdivision (c) or (d) of Section 286.
- (5) Oral copulation as defined in subdivision (c) or (d) of Section 288a.
- (6) Lewd or lascivious act as defined in subdivision (a) or (b) of Section 288.
- (7) Any felony punishable by death or imprisonment in the state prison for life.
- (8) Any felony in which the defendant inflicts great bodily injury on any person other than an accomplice which has been charged and proved as provided for in Section 12022.7, 12022.8, or 12022.9 on or after July 1, 1977, or as specified prior to July 1, 1977, in Sections 213, 264, and 461, or any felony in which the defendant uses a firearm which use has been charged and proved as provided in subdivision (a) of Section 12022.3, or Section 12022.5 or 12022.55.
- (9) Any robbery.
- (10) Arson, in violation of subdivision (a) or (b) of Section 451.
- (11) Sexual penetration as defined in subdivision (a) or (j) of Section 289.
- (12) Attempted murder.
- (13) A violation of Section 12308, 12309, or 12310.
- (14) Kidnapping.
- (15) Assault with the intent to commit a specified felony, in violation of Section 220.
- (16) Continuous sexual abuse of a child, in violation of Section 288.5.
- (17) Carjacking, as defined in subdivision (a) of Section 215.
- (18) Rape, spousal rape, or sexual penetration, in concert, in violation of Section 264.1.
- (19) Extortion, as defined in Section 518, which would constitute a felony violation of Section 186.22 of the Penal Code.
- (20) Threats to victims or witnesses, as defined in Section 136.1, which would constitute a felony violation of Section 186.22 of the Penal Code.
- (21) Any burglary of the first degree, as defined in subdivision (a) of Section 460, wherein it is charged and proved that another person, other than an accomplice, was present in the residence during the commission of the burglary.
- (22) Any violation of Section 12022.53.
- (23) A violation of subdivision (b) or (c) of Section 11418.

A serious felony is any felony listed in subdivision (c) Section 1192.7 of the Penal Code. Those felonies are presently defined as:

- (1) Murder or voluntary manslaughter;
- (2) Mayhem;
- (3) Rape;
- (4) Sodomy by force, violence, duress, menace, threat of great bodily injury, or fear of immediate and unlawful bodily injury on the victim or another person;
- (5) Oral copulation by force, violence, duress, menace, threat of great bodily injury, or fear of immediate and unlawful bodily injury on the victim or another person;
- (6) Lewd or lascivious act on a child under the age of 14 years;
- (7) Any felony punishable by death or imprisonment in the state prison for life;
- (8) Any felony in which the defendant personally inflicts great bodily injury on any person, other than an accomplice, or any felony in which the defendant personally uses a firearm;
- (9) Attempted murder;
- (10) Assault with intent to commit rape, or robbery;
- (11) Assault with a deadly weapon or instrument on a peace officer;
- (12) Assault by a life prisoner on a non-inmate;
- (13) Assault with a deadly weapon by an inmate;

- (14) Arson;
- (15) Exploding a destructive device or any explosive with intent to injure;
- (16) Exploding a destructive device or any explosive causing bodily injury, great bodily injury, or mayhem;
- (17) Exploding a destructive device or any explosive with intent to murder;
- (18) Any burglary of the first degree;
- (19) Robbery or bank robbery;
- (20) Kidnapping;
- (21) Holding of a hostage by a person confined in a state prison;
- (22) Attempt to commit a felony punishable by death or imprisonment in the state prison for life;
- (23) Any felony in which the defendant personally used a dangerous or deadly weapon;
- (24) Selling, furnishing, administering, giving, or offering to sell, furnish, administer, or give to a minor any heroin, cocaine, phencyclidine (PCP), or any methamphetamine-related drug, as described in paragraph (2) of subdivision (d) of Section 11055 of the Health and Safety Code, or any of the precursors of methamphetamines, as described in subparagraph (A) of paragraph (1) of subdivision (f) of Section 11055 or subdivision (a) of Section 11100 of the Health and Safety Code;
- (25) Any violation of subdivision (a) of Section 289 where the act is accomplished against the victim's will by force, violence, duress, menace, or fear of immediate and unlawful bodily injury on the victim or another person;
- (26) Grand theft involving a firearm;
- (27) Carjacking;
- (28) any felony offense, which would also constitute a felony violation of Section 186.22;
- (29) assault with the intent to commit mayhem, rape, sodomy, or oral copulation, in violation of Section 220;
- (30) throwing acid or flammable substances, in violation of Section 244;
- (31) assault with a deadly weapon, firearm, machine gun, assault weapon, or semiautomatic firearm or assault on a peace officer or firefighter, in violation of Section 245;
- (32) assault with a deadly weapon against a public transit employee, custodial officer, or school employee, in violation of Sections 245.2, 245.3, or 245.5;
- (33) discharge of a firearm at an inhabited dwelling, vehicle, or aircraft, in violation of Section 246;
- (34) commission of rape or sexual penetration in concert with another person, in violation of Section 264.1;
- (35) continuous sexual abuse of a child, in violation of Section 288.5;
- (36) shooting from a vehicle, in violation of subdivision (c) or (d) of Section 12034;
- (37) intimidation of victims or witnesses, in violation of Section 136.1;
- (38) criminal threats, in violation of Section 422;
- (39) any attempt to commit a crime listed in this subdivision other than an assault;
- (40) any violation of Section 12022.53;
- (41) a violation of subdivision (b) or (c) of Section 11418; and
- (42) any conspiracy to commit an offense described in this subdivision.

SUFFICIENT FUNDS DECLARATION

Labor Code Section 2810

То:		
Project:		
	[Bidder Name], declare that I am the	
of	[Company], the entity making a bid for the	above-referenced
Project, and that the bid submitted	d by [Company]] includes sufficient
funds to permit	[Company] and all subcontract	cors to comply with
all local, state or federal labor law	s or regulations during the Project, including payment of prevailing wag	jes.
I declare under penalty of perjury	under the laws of the State of California that the foregoing is true and c	correct.
Date:,20		
Signature:		
Print Name:		
Print Title:		

CONTRACTOR'S CERTIFICATE REGARDING DRUG-FREE WORKPLACE

This Drug-Free Workplace Certification form is required from all successful bidders pursuant to the requirements mandated by Government Code section 8350 et seq., the Drug-Free Workplace Act of 1990. The Drug-Free Workplace Act of 1990 requires that every person or organization awarded a contract or grant for the procurement of any property or service from any State agency must certify that it will provide a drug-free workplace by performing certain specified acts. In addition, the Act provides that each contract or grant awarded by a State agency may be subject to suspension of payments or termination of the contract or grant, and the Contractor or grantee may be subject to debarment from future contracting, if the contracting agency determines that specified acts have occurred.

Pursuant to Government Code section 8355, every person or organization awarded a contract or grant from a State agency shall certify that it will provide a drug-free workplace by doing all of the following:

- Publishing a statement, notifying employees that the unlawful manufacture, distribution, dispensation, possession, or
 use of a controlled substance is prohibited in the person's or organization's workplace, and specifying actions which will
 be taken against employees for violations of the prohibition.
- 2. Establishing a drug-free awareness program to inform employees about all of the following:
 - a. The dangers of drug abuse in the workplace;
 - b. The person's or organization's policy of maintaining a drug-free workplace;
 - c. The availability of drug counseling, rehabilitation and employee-assistance programs; and
 - d. The penalties that may be imposed upon employees for drug abuse violations;
- 3. Requiring that each employee engaged in the performance of the contract or grant be given a copy of the statement required by subdivision (a) and that, as a condition of employment on the contract or grant, the employee agrees to abide by the terms of the statement.

I, the undersigned, agree to fulfill the terms and requirements of Government Code section 8355 listed above and will (a) publish a statement notifying employees concerning the prohibition of controlled substance at the workplace, (b) establish a drug-free awareness program, and (c) require each employee engaged in the performance of the contact be given a copy of the statement required by section 8355(a) and require such employee agree to abide by the terms of that statement.

I also understand that if the Owner determines that I have either (a) made a false certification herein, or (b) violated this certification by failing to carry out the requirements of Section 8355, that the contract awarded herein is subject to termination, suspension of payments, or both. I further understand that, should I violate the terms of the Drug-Free Workplace Act of 1990, I may be subject to debarment in accordance with the requirements of Section 8350 et seq.

I acknowledge that I am aware of the provisions of Government Code section 8350 et seq. and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990.

Date	Contractor	
Ву:		
Signature		

CONTRACTOR'S CERTIFICATE REGARDING ALCOHOLIC BEVERAGE AND TOBACCO-FREE CAMPUS POLICY

The Contractor agrees that it will abide by and implement the Owner's Alcoholic Beverage and Tobacco-Free Campus Policy, which prohibits the use of alcoholic beverages and tobacco products, of any kind and at any time, in buildings owned or leased by Owner, on Owner's property and in Owner's vehicles. The Contractor shall procure signs stating "ALCOHOLIC BEVERAGE AND TOBACCO USE IS PROHIBITED" and shall ensure that these signs are prominently displayed in all entrances to school property at all times.

Date	Contractor
Ву:	
Signature	
CONTRACTOR CERTIFICATION REGARDING SANCT	IONED ENTITIES & IRAN CONTRACTING ACT
("Col	ntractor") certifies as follows:
California, and is not listed as such by the U.S. Dep https://sanctionssearch.ofac.treas.gov/ or https://sanctionssearch.ofac.treas.gov/ or https://www.treasury.gov/ofac/downloads/ssi/ssil Further, Contractor is not an Affiliate (any person control with Contractor; owned in whole or in part that is a current creditor or debtor to Contractor) of 2. Contractor shall exercise all due diligence, incontrol entities, which may be https://www.treasury.gov/ofac/downloads/ssi/ssil and shall not enter into any contractual relationsh between Contractor and Owner or in relation to an 3. Pursuant to Public Contract Code 2204, Contractor/financial institution identified below is created by the California Department of General States.	or entity directly or indirectly controlling; controlled by or under common to by Contractor; that owns any interest in Contractor, in whole or in part of any Sanctioned Entity. Cluding, without limitation, consulting the U.S. Department of State list of the referenced at https://sanctionssearch.ofac.treas.gov or ist.pdf to ensure Contractor is not currently party to any contract with hip with any Sanctioned Entity during the term of any agreement by and by agreement by and between Contractor and Owner. Ontractor affirms that the official named below certifies they are duly half of the Contractor/financial institution identified below, and the not on the current list of persons engaged in investment activities in Iran Services and is not a financial institution extending twenty million dollars wendor, for 45 days or more, if that other person/vendor will use the creditarn and is identified on the current list of persons engaged in investment.
Date	Contractor
Day	
Ву:	

CARB COMPLIANCE DECLARATION

То:	
Project:	
	CALIFORNIA AIR RESOURCES BOARD ("CARB") https://ww2.arb.ca.gov/

For any project awarded on or after January 1, 2024, Public Works Awarding Bodies are required to obtain valid CARB Certificates of Reported Compliance ("CRC") from all contractors and listed subcontractors before awarding the project. The Public Works Awarding Body will be required to retain CRCs for three years after the project is complete, and the CRCs are

subject to CARB review upon five calendar days' notice.

The Regulations apply to all "Public Works Awarding Bodies," which phrase is broadly defined as "any public agency (state, county, city, school district, community college district, water district, sanitation district, transit district, etc.), or official thereof, in the state of California, that awards or enters into a contract for the erection, construction, alteration, repair, removal, or improvement of any public structure, building, road, or other public lands, property, or improvement of any kind."

The bidder must fully execute this document and submit it, including required attachments, with its bid for the above-captioned project. The bidder must submit the CRCs for the bidder and all of its subcontractors to this document within 7 calendar days of the bid opening.

The ARB Diesel Off-Road Online Reporting System (DOORS) reporting system is where the bidder and its subcontractors are able to obtain their CRCs: DOORS (ca.gov). There is also an additional website that provides them with more information on the regulation along with FAQs and user guides. The website for the "Off-Road Zone" is https://ww2.arb.ca.gov/our-work/programs/truckstop-resources/road-zone.

If any questions, please call the DOORS Hotline at 877-593-6677 or email doors@arb.ca.gov. Please note that at this time DOORS staff has limited access to documents received via mail and fax is unavailable.

Fact Sheet: Contracting Requirements | California Air Resources Board https://ww2.arb.ca.gov/resources/fact-sheets/fact-sheet-contracting-requirements

Fact Sheet: Renewable Diesel Fuel Requirements | California Air Resources Board https://ww2.arb.ca.gov/resources/fact-sheets/fact-sheet-renewable-diesel-fuel-requirements

Fact Sheet: Added Vehicle Restrictions and Tier Phase-Out Requirements | California Air Resources Board https://ww2.arb.ca.gov/resources/fact-sheet-added-vehicle-restrictions-and-tier-phase-out-requirements

Ι,	[name of declarant], declare that I am the	[title] of
declaration; that all	ontractor], the entity making and submitting a bid for the contractor and its subcontractors of the attached CRCs are current and valid; and that the a CARB requirements in connection with the Project.	on the above Project are attached to this
I declare under pena	lty of perjury under the laws of the State of California that	the foregoing is true and correct.
Date	Contractor	
By:Signature		

ROOF PROJECT CERTIFICATION

Public Contract Code § 3006(a)(b)

То:		
Project:		
1		[Bidder Name and Title],
		[Bidder Name and Title],[Company], certify that I have not offered, given, or agreed
		any gift, contribution, or any financial incentive whatsoever to or from any
_		Project contract. As used in this certification, "person" means any natural
		n, committee, club, or other organization, entity, or group of individuals.
Furthermore, I,		[Bidder Name and Title],
of		[Company], certify that I do not have, and throughout
the duration of the	contract, I will not have, any	y financial relationship in connection with the performance of this contract
with any architect,	engineer, roofing, consultant	, materials manufacturer, distributor, or vendor that is not disclosed below.
l,		[Bidder Name and Title],
of		[Company], have the following financial relationships,
with an architect, e	ngineer, roofing consultant, n	naterials manufacturer, distributor, or vendor, or other person in connection
with the following r	roof project contract:	
Name and ac	ddress of building, contract da	ate and number]
I certify that to the	best of my knowledge, the co	ontents of this disclosure are true, or are believed to be true.
Date:	,20	
Signature:		
Print Name:		
Print Name of Empl	loyer:	
Insert DBVE Good F	aith Efforts forms here	

23044 9/16/2024 2022 CBC

END OF SECTION 00 4110



ADDENDUM 1 – Landscape Revisions

Project: Cheney ES

Date: September 13, 2024 **Owner:** Central Unified School District

BCF Project No: 223-0435

Contractor: Owner's Project No.: 23044

DSA App/File No: 02-122132

Regarding: Landscape revisions to

Addendum 1 Attachments: N/A

Submit an itemized quotation including all costs and/or credits necessary, or incidental to the complete construction required for the proposed modification to the Contract Documents described herein. Indicate the effect the proposed Work will have on the Contract time and any related costs for a time extension. This is <u>not</u> a Change Order and is <u>not</u> direction to proceed with the Work described herein.

The following is a description of the proposed irrigation and planting scope revisions:

IRRIGATION PLANS:

Sheet IR1

- 1. Added irrigation control valve to the irrigation legend.
- 2. Revised reduced pressure backflow preventer model and size.
- 3. Revised irrigation main line pipe.
- 4. Irrigation plan was revised replacing existing Irrigation valves XA-2 and XA-3 with new irrigation valves.
- 5. Revised keynote E and F to the irrigation legend, for clarity.

Sheet IR2

Revised detail reference F/IR2.

Sheet IR3

- 7. Replaced backflow preventer detail A/IR3.
- 8. Revised Booster Pump Yard Layout Legend.
- 9. Revised and added keynote regarding pump enclosure and pad, for clarity.
- 10. Revised VFD booster pump parameters.

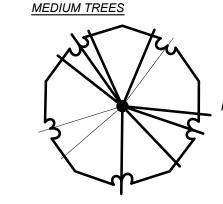
Sheet IR4

- 11. Revised detail reference A/IR4.
- 12. Revised detail reference C/IR4.

PLANTING PLANS:

Sheet LA1

13. Revised new trees dimensions from concrete improvements.



<u>SYMBOL</u>

BUILDING 1

BUILDING 2

-KOE PAN

- APPROXIMATE LIMIT OF WORK

SCALE: (N) 1"=20'

SCALE IN FEET

-MULCH

ADAM ST

'//////////////

BUILDING 3

BUILDING 4

TURF REPAIR

EXISTING PLAYGROUND

- TRANSITION GRADE, SEE GRADING AND -

PLAY AREA

—CEA ТКН

∕_CAL DWA

-LEU FRU

PROPOSED BUILDING 7 A= 4,515 SF

JEFFERSON ST

TURF REPAIR

WIDTH WHERE ADJACENT TO UNDISTURBED TURFGRASS.

DRAINAGE PLAN. PROVIDE SOD UP TO 2'

ORNIA

APPROXIMATE

LIMIT OF WORK

CAL DWA -

CEA TKH-

LEU FRU —

BUILDING 5

TURF REPAIR

KOE PAN KOELREUTERIA PANICULATA / GOLDEN RAIN TREE

DECIDUOUS. STANDARD FORM. PARTIAL SHADE TO FULL SUN. YELLOW FLOWERS IN SUMMER. SEED PODS PERSIST INTO FALL.

MS: 35' H X 25'-40'

BOTANICAL / COMMON NAME

CAL DWA CALLISTEMON VIMINALIS `LITTLE JOHN` / DWARF WEEPING BOTTLEBRUSH 1 GAL CEA TKH CEANOTHUS THYRSIFLORUS `SKYLARK` / SKYLARK BLUEBLOSSOM

LEU FRU LEUCOPHYLLUM FRUTESCENS `COMPACTA` / COMPACT TEXAS RANGER 5 GAL L <u>SYMBOL</u>

WALK-ON WOOD MULCH `CELEBRATION` BERMUDAGRASS FULL TO PARTIAL SUN, DARK BLUE FLOWERS WITH REDDISH BRACTS

4'-5' H X 6'-7' W FULL SUN. PARTIAL SHADE. BRIGHT PINK FLOWERS.

MS: 4'-5' H X 4'-5' W

MS: 3' H X 5' W

BLOOM IN SPRING.

INSTALL FULL WIDTH SOD TO THE LIMITS OF DISTURBANCE. VERIFY QUANTITY. SEE DEMOLITION AND GRADING PLANS.

MIN. 3 INCH COMPRESSED DEPTH. SEE PLANTING NOTE #18.

PROTECT EXISTING TREE IN PLACE. TPZ - 1 (TREE PROTECTION ZONE) PER SECTION 320190

WATER EFFICIENT LANDSCAPE WORKSHEET **Educational**

ETo Reference (MWELO-Apdx. A): Coalinga

Project: New Classroom at Cheney Kindergarten Location: Coalinga, CA

MAWA = MAXIMUM APPLIED WATER ALLOWANCE (1,000 GALLONS)

4,515 SF (1,600 sf is threshold for inclusion) TOTAL NEW BUILDING FOOTPRINT 75% OF BLDG. SF REQ'D LANDSCAPE 3,386 SF EXIST. IRRIGATION REMOVED FROM SERVICE 9,869 SF 1,399 SF (landscape area >500 sf) REGULAR LANDSCAPE AREA SPECIAL LANDSCAPE AREA (SLA) TOTAL PROPOSED LANDSCAPE AREA (LA)

TOTAL COMPLIANT LANDSCAPE AREA NORMAL YEAR REFERENCE **ANNUAL EVAPOTRANSPIRATION (ETo)** EFFECTIVE PRECIPITATION (25% OF ANNUAL) 0.0

ADJUSTED EVAPOTRANSPIRATION

MAWA=(ETo) x (0.62) [$(0.65 \times LA)+(0.35 \times SLA)$] ANNUAL 2015 DWR/DSA Update MAX. APPLIED WATER ALLOWANCE 150.7 K Gallons TOTAL IN ACRE/FT

TOTAL IN CCF 201.5

ETWU = ESTIMATED TOTAL WATER USE (1,000 GALLONS)

LANDSCAPE HYDROZONE TYPES	7,346 HA	PF I	ΙE	ETAF
MIXED PLANTING (L)	1,399 SF	0.3	0.81	0.37
MIXED PLANTING (M)	0 SF	0.5	0.81	0.62
WARM-SEASON TURFGRASS (MH)	5,947 SF	0.6	0.75	0.80
SLA - RECREATIONAL/RECYCED WATER USE	0 SF	0.6	0.75	0.80
	AVERAGE REG	ULAR E1	ΓAF:	0.47

	MAXIMUM AVERAG	E REGULAR ETAF	: 0.65
ETWU=(ETo) \times (0.62) \times [(HA \times PF/IE) + SLA]	ANNUAL	typical	IE coeficients
MIXED PLANTING (L)	16.4	0.75	5 overhead sprinklers
MIXED PLANTING (M)	0.0	0.8	1 drip & bubblers
WARM-SEASON TURFGRASS (M)	150.1		
SLA - RECREATIONAL/RECYCED WATER US	SE 0.0	_	
ESTIMATED TOTAL WATER	R USE 166.5	K Gallons	

TOTAL IN ACRE/FT TOTAL IN CCF 222.6 ETWU AS A PERCENT OF MAWA: 110%

WATER CONSERVATION COMPLIANCE STATEMENT:

I HAVE COMPLIED WITH THE CRITERIA OF THE LANDSCAPE WATER CONSERVATION ORDINANCE AND GUIDELINES, AND HAVE APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE PLANTING DESIGN

LANDSCAPE PLANTING AREA REQUIREMENT (DSA 1-L)

	AREA (SF)
NEW BUILDINGS FOOTPRINT:	4,515
REQUIRED MWELO COMPLIANT PLANTING:	3,386
EXISTING IRRIGATED AREA DESIGNATED FOR REMOVAL:	9,869
PROPOSED MWELO COMPLIANT PLANTING:	1,399
TOTAL CREDIT FOR MWELO COMPLIANT PLANTING:	11,268
EXCESS / (DEFICIT) OF PROPOSED COMPLIANT PLANTING:	7,882

LANDSCAPE SHADE CALCULATIONS	SHADING PER CAL	.GREEN 5.106.	12
SITE SHADING - LANDSCAPE & HARDSCAPE	QUANTITY PROPOSED (SF)	PERCENT REQUIRED	SHADE AREA REQUIRED (SF)
LANDSCAPED AREA (EXCLUDING SPECIAL USE & PARKING LANDSCAPE AREAS)	1,399	20	280
UNCOVERED HARDSCAPE AREA (EXCLUDING PARKING HARDSCAPE AREAS)	3,584	20	717
TOTAL SITE SHADE REQUIRED			997
	PROVIDED		
PROVIDED SHADE TREES	SHADE AREA	NO. TREES	_
VERY LARGE (40' dia.= 1256 SF)	0	0	_
LARGE (35' dia.= 962 SF)	0	0	
MEDIUM (30' dia.= 707 SF)	1,414	2	
SMALL (20' dia.= 314 SF)	0	0	
TOTALS	1,414	2	_
OVER (UNDER) LANDSCAPE & HARDSCAPE SHADE REQ	UIREMENT		417

LANDSCAPE PLANTING OBSERVATION LOG REVIEWED & ACCEPTED BY OWNER'S REP OR LAND ARCH ITEM NO. WORK ITEM DESCRIPTION PRINT NAME DATE PL-1 REPORT & PROTECTION OF EXISTING TREES PL-2 RIPPING OF PLANTING AREAS PL-3 SOIL CONDITIONING & TILLAGE DEPTH PL-4 IRRIGATION COVERAGE PRIOR TO PLANTING PL-5 FINISH GRADING PRIOR TO PLANTING PL-6 TREES - INITIAL QUALITY & LAYOUT PL-7 PLANTS - INITIAL QUALITY & LAYOUT PL-8 GRANULAR PRE-EMERGENT HERBICIDE IN MULCHED AREAS PL-9 WOOD MULCH DEPTH NOTES: THE ORIGINAL VERSION OF THIS LOG SHALL BE MAINTAINED ON THE AS-BUILT RECORD DRAWING SET. WORK ITEMS MAY NOT BE REVIEWED IF PRIOR WORK ITEMS HAVE NOT BEEN ACCEPTED.

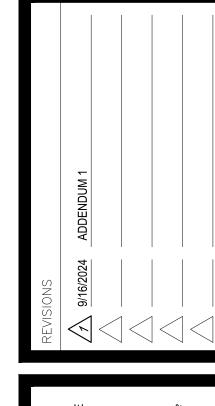
SEE SHEET LA2 FOR PLANTING **DETAILS AND NOTES**













CONTRACTOR SPECIAL PLANTING NOTES

AN ASSESSMENT AND VALUATION OF ONSITE EXISTING TREES

SCHEDULED TO REMAIN IN THE AREA OF WORK SHALL BE PERFORMED BY THE CONTRACTOR'S ARBORIST PRIOR TO THE

START OF CONSTRUCTION OPERATIONS PER THE 'EXISTING

THE CONTRACTOR SHALL RIP, CONDITION AND TILL THE ENTIRE

ALL EXISTING MIXED PLANTING AREAS RECEIVING NEW WOOD

MULCH SHALL BE MANUALLY TILLED TO A MINIMUM DEPTH OF 4

INCHES, CLODS BROKEN UP TO A MAXIMUM 1 INCH DIAMETER,

MULCH INSTALLATION. PROTECT EXISTING PLANTING DURING

FINISH GRADED TO 2 INCHES BELOW ADJACENT SURFACES AND

UTILITY/IRRIGATION BOXES WITHIN 12 INCHES OF THE HARDSCAPE

THE AS-BUILT RECORD DRAWING SET AND MAINTENANCE MANUAL SHALL BE SUBMITTED AND ACCEPTED PRIOR TO THE SCHEDULING

EDGE, AND A PRE-EMERGENT HERBICIDE APPLIED PRIOR TO WOOD

EXTENT OF ALL PLANTING AREAS RECEIVING NEW PLANTS PER

LANDSCAPE PROTECTION' SPECIFICATION.

SPECIFICATIONS.

THE PLANTING NOTES AND 'LANDSCAPE PLANTING'

WOOD MULCH PREPARATION AND INSTALLATION.

OF A FINAL ACCEPTANCE REVIEW.

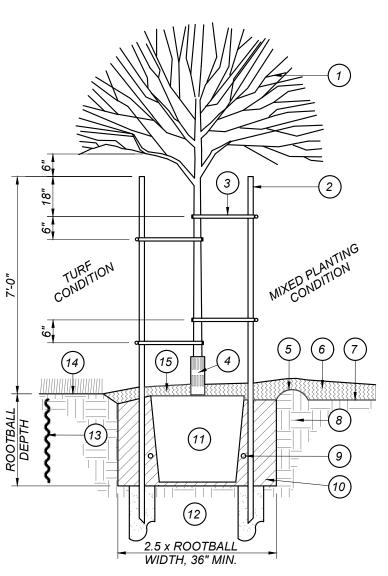
THE ORIGINAL PLANTING OBSERVATION LOG SHALL BE

MAINTAINED ON THE AS-BUILT RECORD DRAWING SET.

SEE SHEET LA1 FOR PLANTING

PLAN AND CALCULATIONS

Call before you dig.



DRAINAGE SUMP NOTES:

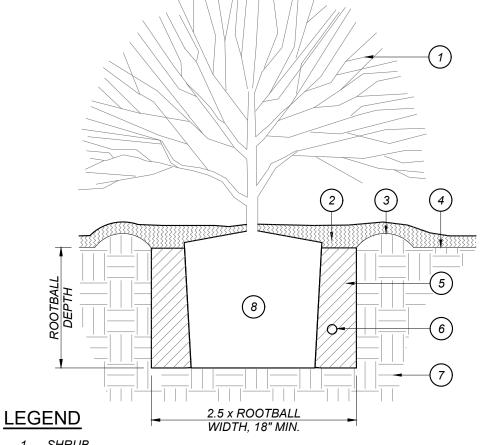
- A. DRAINAGE SUMPS SHALL PENETRATE THROUGH AND BEYOND ANY UNDERLYING PAVEMENT OR HARDPAN SOIL STRATUM, AND SUCH PAVEMENT OR HARDPAN MATERIAL SHALL BE REMOVED FROM THE SUMP HOLES.
- B. THE SUMP HOLE SHALL BE DRILLED TO MINIMUM DEPTH OF TEN (10) FEET, UNLESS VISUAL EVIDENCE OF A SUBSURFACE SAND AND/OR GRAVEL DRAINAGE STRATUM IS APPARENT AT A LESSER DEPTH. THE SUMP HOLES SHALL EXTEND INTO THE DRAINAGE STRATUM A MINIMUM OF ONE (1) FOOT.

LEGEND:

- TREE PER PLANTING PLAN.
- 2. 2" X 10' LODGEPOLE PINE STAKE. DO NOT DRIVE STAKE THROUGH ROOTBALL. CUT OFF TOP SECTION DAMAGED BY HAMMERING. TOP OF STAKE IS 6" CLEAR OF LOWEST TREE BRANCHES.
- 3. FLEXIBLE VINYL TREE TIE, 4 / TREE (V.I.T. OR APPROVED EQUAL.)
- 4. TREE TRUNK PROTECTOR (GRAY) WHERE TREE IS IN TURF AREA.
- 5. 4" HIGH WATERING BERM.
- 6. ADJACENT PLANTING AREA WITH MULCH WHERE OCCURS.
- 7. FINISH GRADE.
- SITE SOIL.
- 9. PLANT FERTILIZER TABLET. SEE SPECIFICATIONS.
- AMENDED BACKFILL. SEE SPECIFICATIONS.
- 11. ROOTBALL. SET TOP OF ROOTBALL 2" ABOVE FINISH GRADE.
- 12. DRAINAGE SUMP: 12" DIA. PER DRAINAGE SUMP NOTES. FILL WITH CONCRETE SAND PER SSPWC 200-1.5.5.
- 13. ROOT CONTROL BARRIER WHERE REQUIRED. SEE GENERAL PLANTING
- NOTES AND DETAIL [D/LA2]. 14. ADJACENT TURFGRASS PLANTING

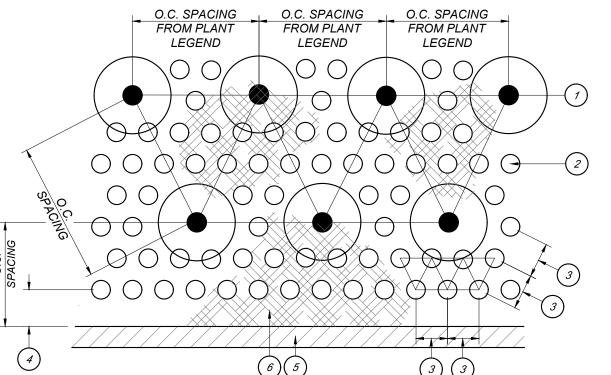
WHERE OCCURS.

15. MULCH, MINIMUM 3" DEPTH. SEE GENERAL PLANTING NOTE 17.

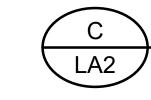


- WOOD MULCH LAYER. 3" HIGH WATERING BASIN.
- FINISH GRADE. AMENDED BACKFILL. SEE SPECIFICATIONS. FERTILIZER PACKET. SEE SPECIFICATIONS.
- 8. ROOTBALL. SET TOP OF ROOTBALL 1" ABOVE FINISH





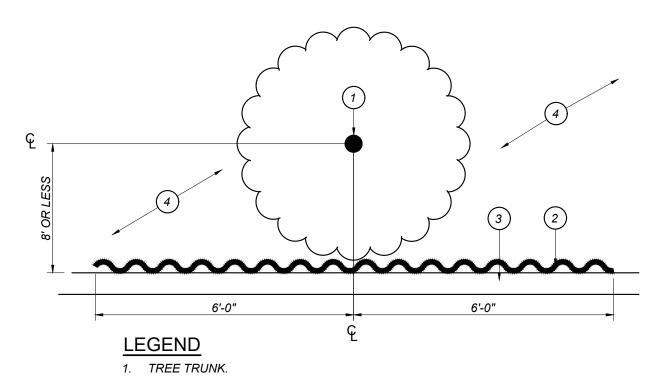
- CONTAINER SHRUB OR GROUND COVER IN
- TRIANGULATED ROWS, SEE SHRUB PLANTING PER DETAIL [B/LA2].
- 2. GROUND COVER FLATS OR LINERS -TRIANGULATED ROWS.
- 3. SPACE PER PLANT LEGEND. OMIT PLANTS WHERE IN CONFLICT WITH SHRUBS OR TREE WATERING BASINS.
- 4. SPACING DISTANCE FROM PLANT LEGEND.
- HARDSCAPE ELEMENT: CURB, WALK, ETC. 6. MULCH PER SPECIFICATIONS.



HARDSCAPE OR SURFACE- SEE PLAN

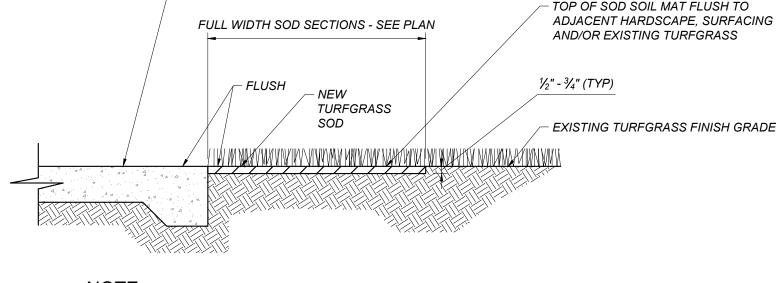
SHRUB AND GROUND COVER SPACING





- 2. 12 LF OF 24"-DEEP ROOT CONTROL BARRIER: DEEP ROOT UB24-2 OR EQUIVALENT. CENTER BARRIER ON TRUNK OF TREE. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- 3. HARDSCAPE ELEMENT: CURB, SIDEWALK, WALL, ETC.
- 4. PLANTING AREA.
- 5. INSTALL ROOT CONTROL BARRIER ON ALL SIDES OF THE PLANTING AREA WHEN SURROUNDED BY HARDSCAPE WITHIN 8' OF THE TREE TRUNK.

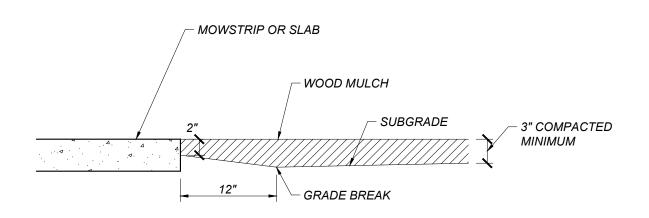




IF THE EXISTING TURFGRASS FINISH GRADE IS HIGHER OR LOWER THAN THE NEW FINISH SURFACE, TRANSITION GRADE THE NEW SOD AT A MAXIMUM 1V:12H SLOPE



ROOT CONTROL BARRIER





TREE SIZE AND QUALITY STANDARDS

AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1) AND GUIDELINE SPECIFICATIONS

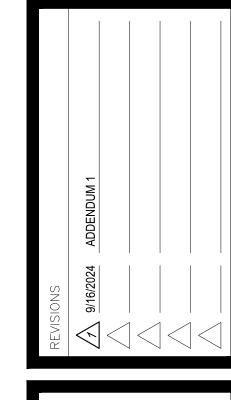
FUR NURSERY	REE QUALITY	(URDAN IREE	FOUNDATION) SHA	ALL APPLY					
	TYP	ES 1 & 2 SHAD	E TREES	TYPE 3	TYPE 3 SMALL UPRIGHT TREES** TYPE 4 SMALL SPREADI				
CONTAINER SIZE	MIN. CALIPER	MAX. CALIPER	TYPE 1 MIN./MAX. HEIGHT*	MIN. CALIPER	MAX. CALIPER	MIN./MAX. HEIGHT	MIN. CALIPER	MAX. CALIPER	MIN./MAX. HEIGHT
15 GALLON	0.75	2.0	7-10 FT	0.75	2.0	6-8 FT	0.75	2.0	4-8 FT
24" BOX	1.25	3.0	8-12 FT	1.25	3.0	8-10 FT	1.25	3.0	6-10 FT
36" BOX	1.75	3.5	10-16 FT	1.75	3.5	10-14 FT	1.75	3.5	7-12 FT
42" BOX	2.0	4.0	12-20 FT	2.0	4.0	12-18 FT	2.0	4.0	8-14 FT
48" BOX	2.5	5.0	14-26 FT	2.5	5.0	14-22 FT	2.5	5.0	9-16 FT

- TYPE 2 TREE HEIGHTS SHALL NOT BE LESS THAN TWO-THIRDS THE LISTED HEIGHT RANGE.
- TYPE 3 TREES SHALL HAVE A MINIMUM OF SEVEN BRANCHES
- * TYPE 4 TREES SHALL HAVE A MINIMUM OF EIGHT BRANCHES
- CALIPER MEASUREMENT FOR CLUMP OR MULTI-STEM TREES IS ONE-HALF THE SUM OF THE THREE LARGEST TRUNK CALIPERS CALIPER MEASUREMENT FOR <4" TRUNK IS +6" ABOVE ROOTBALL (NOT INCLUDING ROOTSTOCK). >4" TRUNK IS +12"
- TREES SHALL HAVE A CENTRAL LEADER. NEW LEADERS LESS THAN HALF THE DIAMETER OF A HEADED LEADER, BROKEN OR CO-DOMINATE LEADERS
- SCAFFOLD BRANCHES SHALL BE LESS THAN 2/3 THE DIAMETER OF THE TRUNK, WITHOUT INCLUDED BARK AT ATTACHMENT. SCAFFOLD BRANCHES SHALL BE BALANCED, WELL SPACED VERTICALLY, AND WITH A RADIALLY BLANK SECTOR NO GREATER THAN 1/3 OF THE CANOPY CIRCUMFERENCE.
- TEMPORARY BRANCHES ON THE LOWER TRUNK SHALL BE LESS THAN 3/8 INCH DIAMETER; AND THE CLEAR TRUNK HEIGHT SHALL BE NO MORE THAN 40%
- THE ROOT COLLAR AND ROOTBALL SHALL BE FREE OF DEFECTS INCLUDING CIRCLING, KINKED AND GIRDLING ROOTS. ROOTS THE EDGE AND BOTTOM OF THE CONTAINER SHALL BE LESS THAN 1/4 INCH DIAMETER, AND UNIFORM THROUGHOUT THE CONTAINER.
- TREE CANOPY WIDTH SHALL BE A MINIMUM OF 25% OF THE STANDARD FORM TREE HEIGHT. DO NOT HEAD BACK OR PRUNE TREES UNLESS APPROVED AND/OR DIRECTED TO BY THE LANDSCAPE ARCHITECT

PLANTING NOTES:

- IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE IF IT IS OBVIOUS THAT OBSTRUCTIONS OR STRUCTURES, IRRIGATION SYSTEM MALFUNCTION, EXISTING TREES OR PLANTS, GRADE DIFFERENCES OR CHANGES IN THE SITE PLAN ARE PRESENT THAT WILL IMPACT THE PLANTING DESIGN. FAILURE TO GIVE SUCH NOTIFICATION SHALL PLACE THE RESPONSIBILITY ON THE CONTRACTOR FOR ANY REVISIONS OR REPLACEMENTS NECESSARY FOR CORRECTION.
- ANY EXISTING PLANTING SHOWN ON THE PLAN IS FOR REFERENCE ONLY. THE CONTRACTOR SHALL VERIFY THE EXISTING PLANTING AT THE SITE PRIOR TO STARTING WORK. UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL PROTECT THE EXISTING PLANTING ADJACENT TO THE WORK FROM DAMAGE OR DISTRESS.
- 3. ALL TREES AND SHRUBS SHALL BE OF CLASS A QUALITY WITHOUT PESTS, DISEASE OR DAMAGE, SHALL BE WELL ESTABLISHED IN THEIR CONTAINERS WITHOUT GIRDLING ROOTS OR EXCESSIVE TOP GROWTH, AND SHALL COMPLY WITH THE REQUIREMENTS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" (ANSI Z60.1).
- NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION OF IRRIGATION COMPONENTS AND TREE AND/OR SHRUB PLANTING FOR APPROVAL OF THE PLANT LAYOUT AND PLANT QUALITY. PLANT LOCATIONS SHALL AVOID CONFLICTS WITH EXISTING IMPROVEMENTS, PLANTINGS OR UTILITIES, LIGHT POLES WHILE MEETING THE DESIGN INTENT. DO NOT PLANT TREES WITHIN 15 FEET OF LIGHT POLES UNLESS SPECIFICALLY AUTHORIZED. FAILURE TO OBTAIN SUCH APPROVAL SHALL PLACE THE RESPONSIBILITY ON THE CONTRACTOR FOR ANY RELOCATION OR REPLACEMENT OF IRRIGATION COMPONENTS, PLANTED TREES AND/OR SHRUBS.
- PLANT QUANTITIES ARE PROVIDED FOR BIDDING CONVENIENCE ONLY. THE CONTRACTOR SHALL PROVIDE SUFFICIENT QUANTITIES OF PLANTS EQUAL TO THE SYMBOL COUNT OR TO FILL THE AREA SHOWN ON THE PLAN AT THE SPECIFIED TRIANGULAR SPACING.
- WHERE GROUND COVER PLANTS ARE SHOWN AT A SPECIFIED SPACING, THE GROUND COVER PLANTING CONTINUES UNDERNEATH THE TALLER SHRUBS AND TREES AS SHOWN IN THE PLANTING DETAILS. DO NOT PLANT GROUND COVER IN SHRUB OR TREE WATERING BASINS.
- ALL NEW TREES LOCATED WITHIN 8 FEET OF PAVEMENT OR STRUCTURES SHALL HAVE A ROOT CONTROL BARRIER INSTALLED WHEN PLANTED. UNLESS OTHERWISE SPECIFIED, INSTALL A 12 FOOT LONG X 24 INCH DEEP LINEAR POLYETHYLENE BARRIER VESPRO OR EQUAL AT THE EDGE OF PAVEMENT/STRUCTURE, CENTERED ON THE TREE TRUNK AS SHOWN IN THE PLANTING DETAILS.
- REMOVE NURSERY STAKES FROM TREES AFTER TREE STAKING OR GUYING AS SHOWN IN THE DETAILS.
- 9. INSTALL PERFORATED POLYETHYLENE TREE TRUNK PROTECTORS FOR ALL NEW TREES PLANTED IN TURF. UNLESS NOTED OTHERWISE, MAINTAIN A MINIMUM 6 FOOT DIAMETER MULCHED AREA AT THE BASE OF THE TREE INSIDE THE WATERING BASIN.
- 10. THE CONTRACTOR SHALL PRUNE NEW TREES ONLY WHEN SPECIFICALLY DIRECTED BY THE LANDSCAPE ARCHITECT. TREES HEADED BACK WITHOUT INTACT SCAFFOLDING BRANCH STRUCTURE OR IN ROOT-BOUND CONTAINERS SHALL BE
- 11. SUBMIT REPRESENTATIVE SOIL SAMPLES OF NATIVE AND PROPOSED IMPORT, IF NEEDED, PLANTING TOPSOIL TO A SOIL LAB FOR HORTICULTURAL ANALYSES AND FERTILITY RECOMMENDATIONS. AMEND SOIL ACCORDING TO THE RECOMMENDATIONS OF THE SOILS REPORT AND LANDSCAPE ARCHITECT'S DIRECTION. SEE THE LANDSCAPE PLANTING SPECIFICATIONS FOR ADDITIONAL
- 12. PROVIDE SANDY LOAM TOPSOIL PER SPECIFICATION IN ALL RAISED PLANTERS AND WHERE IMPORT TOPSOIL IS REQUIRED. NATIVE SITE SOIL MAY BE USED IN RAISED PLANTERS ONLY WHEN THE NATIVE SITE SOIL MEETS THE CRITERIA FOR SANDY LOAM TOPSOIL AS DETERMINED BY A SOIL ANALYSIS.
- 13. PRIOR TO SOIL CONDITIONING, RIP IN TWO DIFFERENT DIRECTIONS WITH TINES AT 12 INCH SPACING, ALL TURFGRASS AREAS TO A 12 INCH DEPTH, AND SHRUB/GROUND COVER AREAS TO A 18 INCH DEPTH. ROUGH GRADE AND TILL THE APPROVED SOIL CONDITIONERS AND FERTILIZERS INTO THE TOP 6 INCHES PER THE LANDSCAPE PLANTING SPECIFICATIONS. COMPOST RATE SHALL BE A MINIMUM OF FOUR (4) CUBIC YARDS PER 1,000 SQUARE FEET.
- 14. UPON THE COMPLETION OF THE SOIL CONDITIONING, REMOVE ROCKS AND CLODS 1 INCH DIAMETER AND GREATER FROM THE TOP TWO INCHES OF TOPSOIL, AND ALL DEBRIS. FINISH GRADE THE AREA TO +/- 0.04 FOOT TOLERANCE. FINISH GRADE IN MULCHED AREAS SHALL BE STRAIGHT GRADES WITHOUT HUMPS OR DEPRESSIONS AND SHALL BE 2 INCHES BELOW ADJACENT HARDSCAPE, INLETS OR UTILITY BOX COLLARS. RELATIVE DENSITY OF THE TOPSOIL SHALL NOT EXCEED 85%
- 15. OBTAIN THE APPROVAL OF THE OWNER'S REPRESENTATIVE TO BEGIN PLANTING OPERATIONS ONCE THE IRRIGATION SYSTEM IS OPERATIONAL AND THE SOIL CONDITIONING AND FINISH GRADING IS COMPLETED.
- 16. AFTER PLANTING IS COMPLETED AND JUST PRIOR TO MULCH INSTALLATION, APPLY A BROAD SPECTRUM PRE-EMERGENT HERBICIDE TO ALL NON-TURFGRASS PLANTING AREAS PER THE MANUFACTURER'S SPECIFICATIONS.
- 17. WHERE MULCH IS TO BE INSTALLED IN AN EXISTING PLANTING AREA, BREAKUP/TILL THE EXISTING SOIL TO A MINIMUM 6 INCH DEPTH PER SPECS, AND ADJUST FINISH GRADE ADJACENT TO HARDSCAPE AND DRAINAGE ELEMENTS TO PROVIDE A 2 INCH DEPTH THAT TRANSITIONS TO THE EXISTING GRADE OVER 1 TO 2 FEET.
- 18. INSTALL A MINIMUM 3 INCH DEPTH OF CHIPPED WALK-ON WOOD MULCH IN ALL PLANTING AREAS AND TREE WATERING BASINS EXCEPT FOR TURFGRASS AREAS, SLOPES 3H:1V OR GREATER, AREAS TO RECEIVE SEED PLANTING, OR AS NOTED ON THE PLAN. AREAS PLANTED WITH FLATS SHALL HAVE A MINIMUM MULCH DEPTH OF 2 INCHES. INSTALL A MINIMUM 3 FOOT RADIUS OF 3 INCH DEEP WOOD MULCH AT THE BASE OF ALL TREES IN NEW TURFGRASS AREAS.
- 19. ALL EXISTING PLANTS AND/OR TURFGRASS SHOWN TO REMAIN AND DAMAGED OR REMOVED BY CONSTRUCTION OPERATIONS AND/OR UTILITY/IRRIGATION/DRAINAGE LINES SHALL BE REPLACED WITH PLANTS THAT MATCH AS CLOSELY AS POSSIBLE TO THE EXISTING PLANT SPECIES, VARIETY AND SIZE. THE REPLACEMENT TURFGRASS SOD VARIETY SHALL BE THE SAME AS SHOWN IN THE PLANTING LEGEND AS IF FOR NEW WORK, OR SHALL MATCH THE EXISTING TURFGRASS VARIETY WHERE EXISTING. TILL SOIL CONDITIONING MATERIALS INTO THE TOP 6 INCHES OF THE SOIL OVER THE AREA OF REPAIR/REPLACEMENT AS IF FOR NEW WORK. ADJUST FINISH GRADE SO NEW TURFGRASS SOD ABUTS FLUSH TO EXISTING SOD GRADE. THE REPLACEMENT PLANTS AND/OR TURFGRASS SOD SHALL BE MAINTAINED AS PART OF THE ORIGINAL SCOPE OF WORK. THE REPAIR OR REPLACEMENT WORK SHALL BE AT THE CONTRACTOR'S SOLE EXPENSE.
- 20. CONTRACTOR SHALL MAINTAIN THE NEW PLANTING FOR HEALTHY AND VIGOROUS GROWTH, WHICH INCLUDES BUT IS NOT LIMITED TO WATERING, WEEDING, FERTILIZING, MOWING AND EDGING (AT LEAST ONCE A WEEK), REMOVING TRASH AND DEBRIS, AND OTHER RELATED ACTIVITIES THROUGHOUT THE DURATION OF THE MAINTENANCE PERIOD UNTIL FINAL ACCEPTANCE.

JANUARY 31, 2024





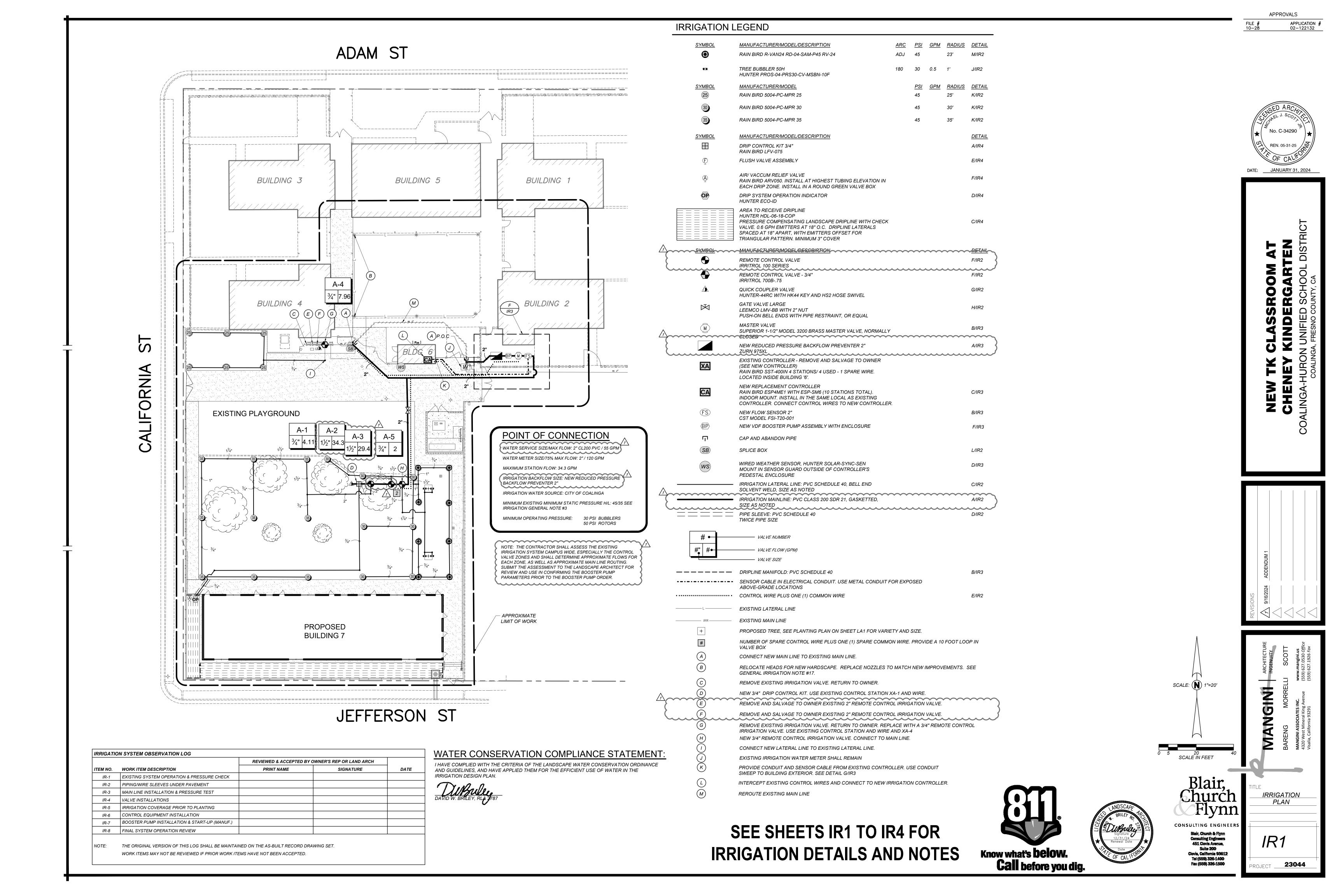
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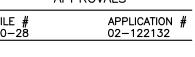
Consulting Engineer
451 Clovis Avenue

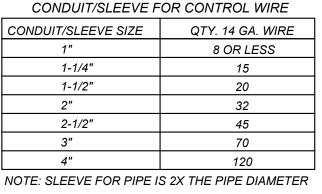
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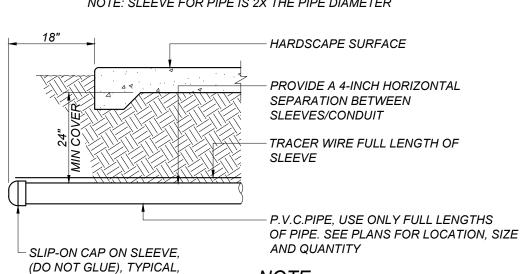
Clovis, California 93612

Tel (559) 326-1400









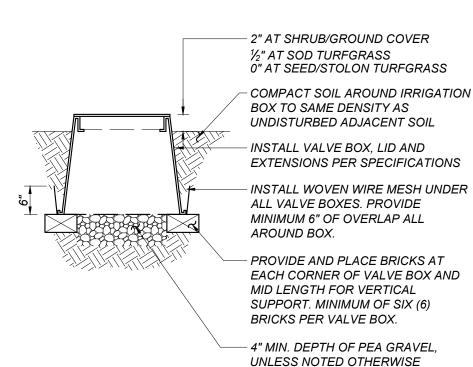
IF FOR FUTURE USE.

PROVIDE A 4-INCH HORIZONTAL SEPARATION BETWEEN SLEEVES/CONDUIT TRACER WIRE FULL LENGTH OF SLEEVE

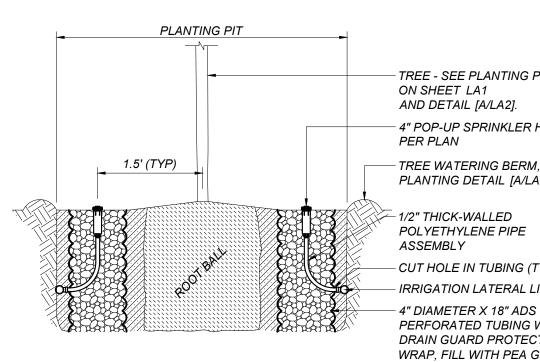
AND QUANTITY NOTE:

IF CONTROL WIRES ARE ROUTED IN CONDUIT, SLEEVE FOR WIRES IS NOT REQUIRED

IRRIGATION SLEEVE/CONDUIT















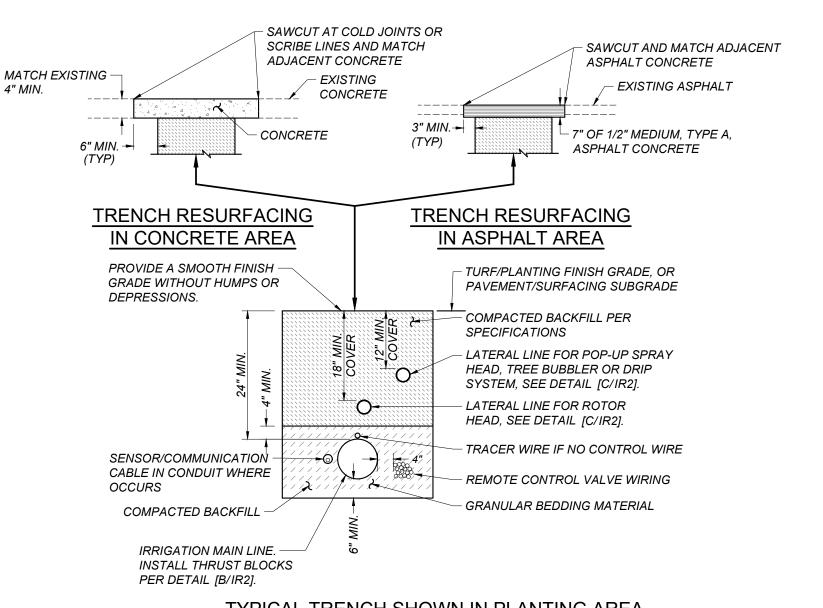


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MANGINI

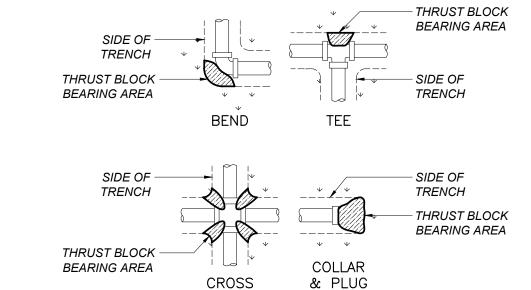
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IRRIGATION DETAILS



TYPICAL TRENCH SHOWN IN PLANTING AREA





NOTE: CONCRETE PER SPECIFICATIONS. THRUST BLOCKS NOT REQUIRED WITH LESS THAN 2" MAIN LINE

TABLE OF BEA (IN S	RING AI QUARE		•	RED	
PIPE DIAMETER	≦4"	6"	8"	10"	12"
CROSS, TEE, 90° BEND, PLUG, FIRE HYDRANT	1	3	5	8	11
45° BEND	1	2	3	4	6
22-1/2° BEND	0.5	1	2	2	3
11-1/4° BEND	0	0	1	1	2
GATE VALVE (IN-LINE)	0	1	2.5	4	9



TIE A LOOSE 24" MINIMUM LOOP AT ALL CHANGES OF DIRECTIONS GREATER THAN 30° \forall \forall \forall \forall \forall **IRRIGATION WIRE**

NOT TO SCALE

<----

HOT - RED

COMMON - WHITE

SPARE HOT - BLACK

SPARE COMMON - BLUE

TRACER WIRE - GREEN

LIMITS OF TRENCH, SEE DETAIL

ALL SOLVENT WELD PVC PIPE TO BE

SNAKED IN TRENCHES AS SHOWN

TO PROVIDE FOR PIPE EXPANSION

SOLVENT WELD PIPE

WIRES UNDER PAVEMENT OR WALKS SHALL BE INSTALLED WITHIN A CONDUIT WHICH

HAS BEEN PLACED BY BORING, JACKING OR DRILLING. CONDUIT TO BE PVC SCH 40

TAPE WIRES AT MAXIMUM 10

SEE TRENCH DETAIL PER [A/IR2].

- 2" AT SHRUB/GROUND COVER

0" AT SEED/STOLON TURFGRASS

- 6" WIDE x 4" THICK CONCRETE COLLAR

IN VEHICLE TRAFFIC AREAS, FURNISH

AND INSTALL CHRISTY TRAFFIC VALVE

BOX NO. G05 WITH CAST IRON LID. IN

FOOT TRAFFIC AREAS, FURNISH AND

INSTALL CHRISTY VALVE BOX NO. F08

WITH REINFORCED CONCRETE LID

IRRIGATION BOX TO SAME DENSITY

AS UNDISTURBED ADJACENT SOIL

COMPACT SOIL AROUND

RESILIENT WEDGE GATE

VALVE WITH NON-RISING

- BRICK SUPPORT

(4 MINIMUM)

NO. 4 REBAR

DETAIL [B/IR2].

" AND LARGER GATE VALVE

STEM AND 2" OPERATING NUT

- CONCRETE THRUST BLOCK PER

AROUND GATE VALVE BOX IN TURF

1/2" AT SOD TURFGRASS

AREA ONLY

FINISHED GRADE

FEET INTERVALS

- LIMIT OF TRENCH

24" MIN. DEPTH OF

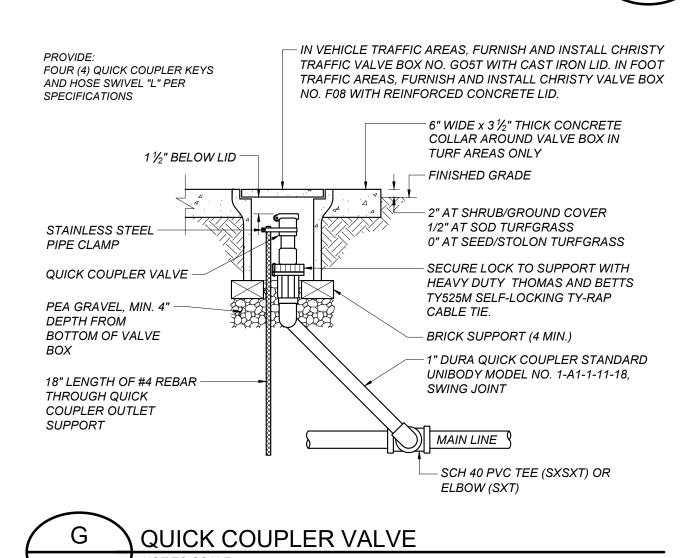
TYPE II PIPE. WIRES SHALL NOT BE TAPED TOGETHER INSIDE THE CONDUIT.

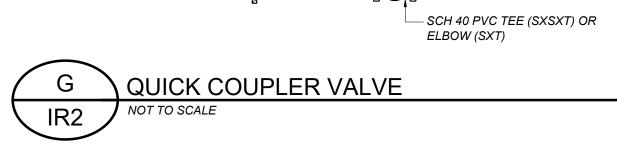
A VALVE BOX MUST BE PROVIDED AT ALL UNDERGROUND SPLICE CONNECTIONS.

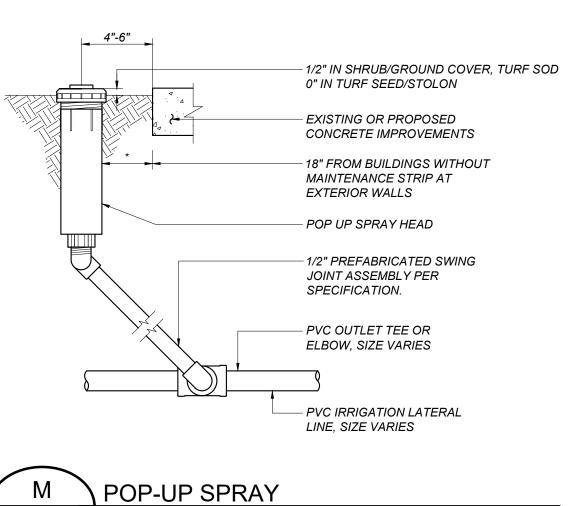
NO SPLICES ARE ALLOWED BETWEEN POINTS OF CONNECTIONS.

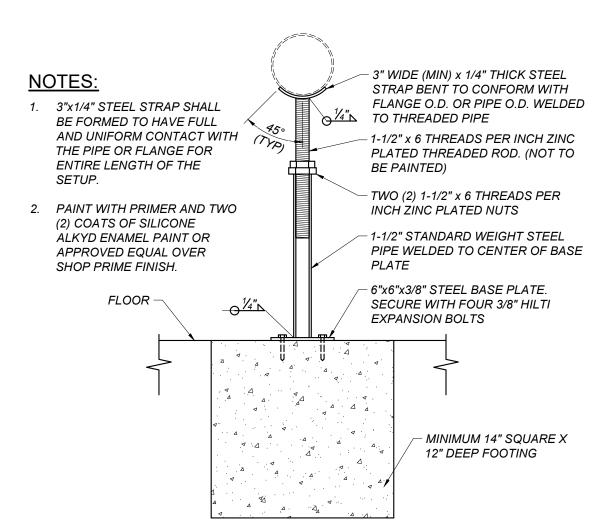
FOR PIPE DEPTH [C/IR2].

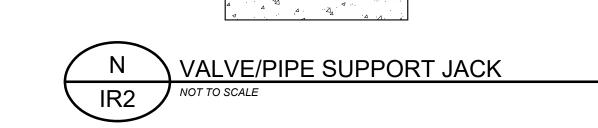
AND CONTRACTION.

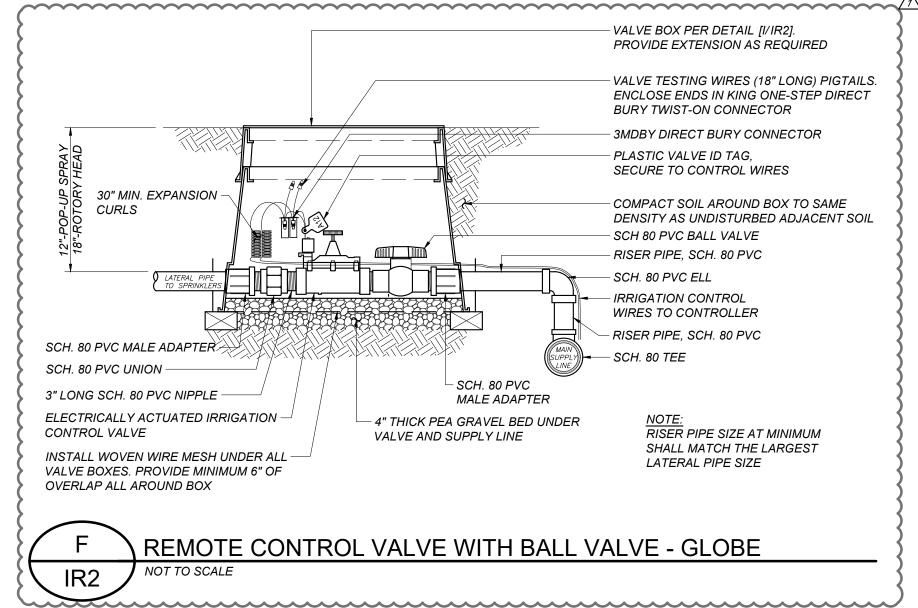


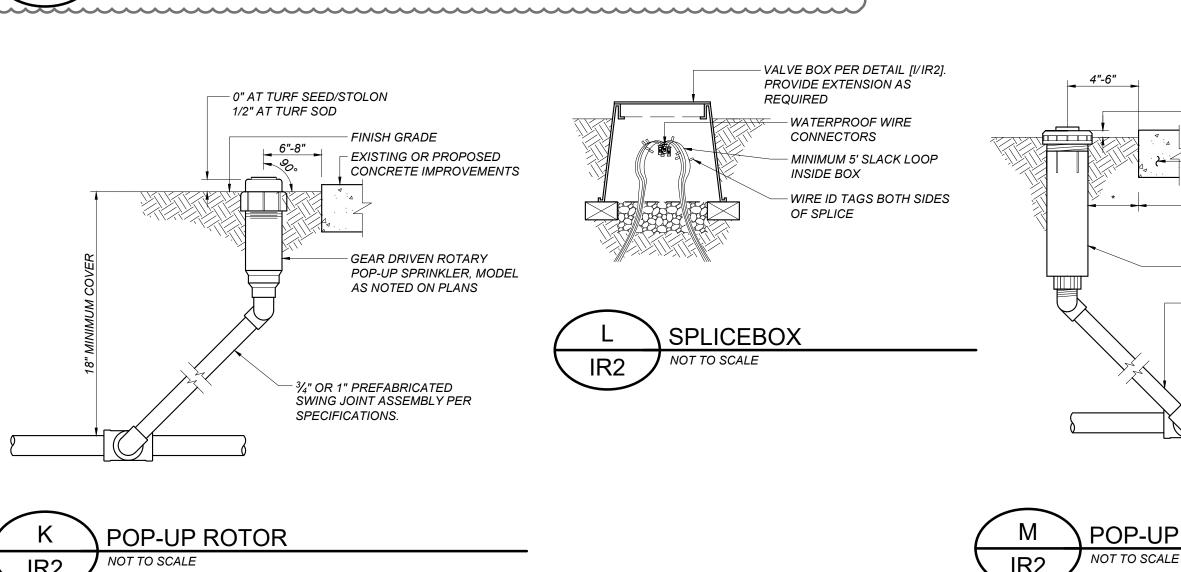


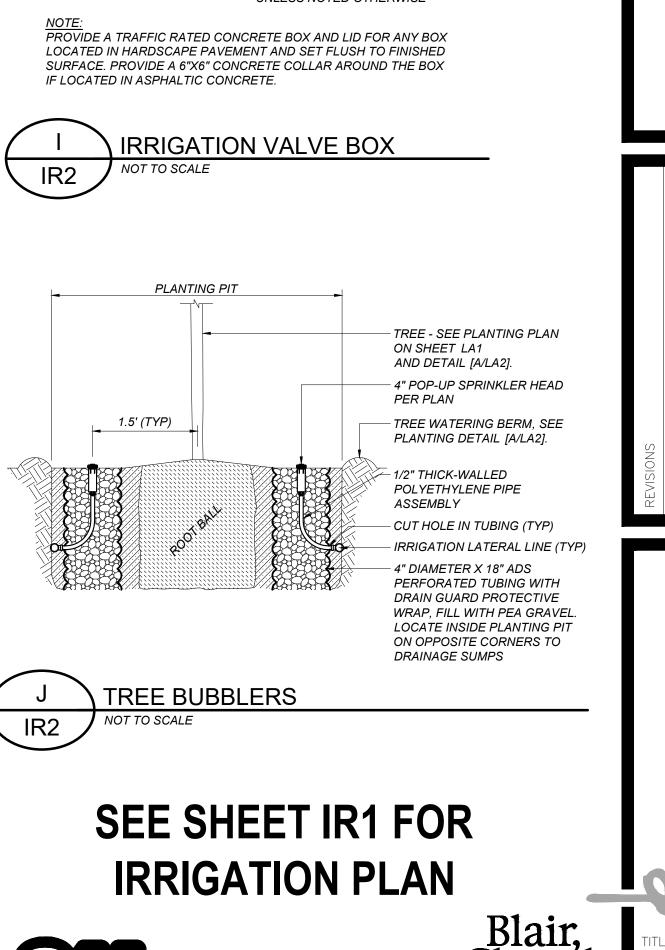


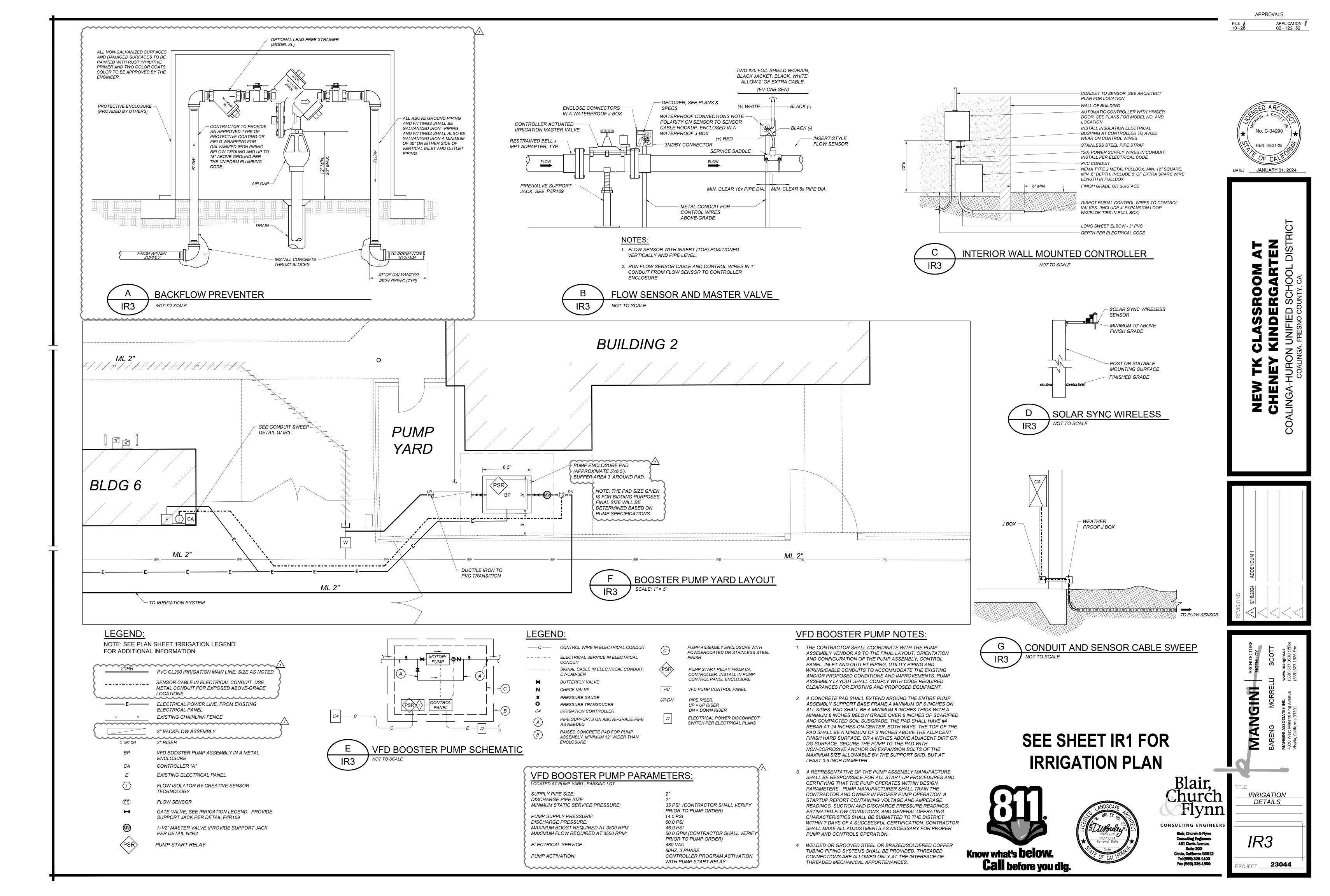


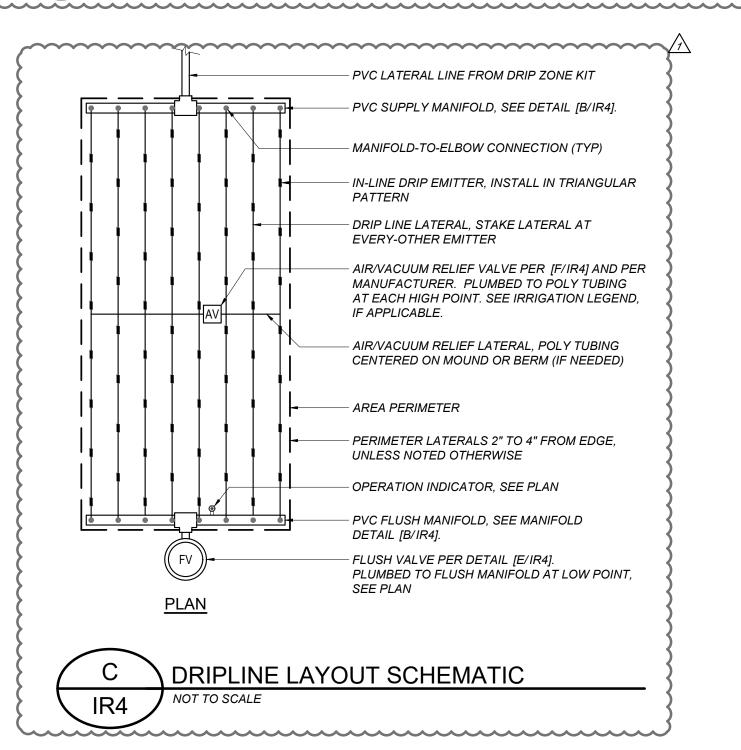


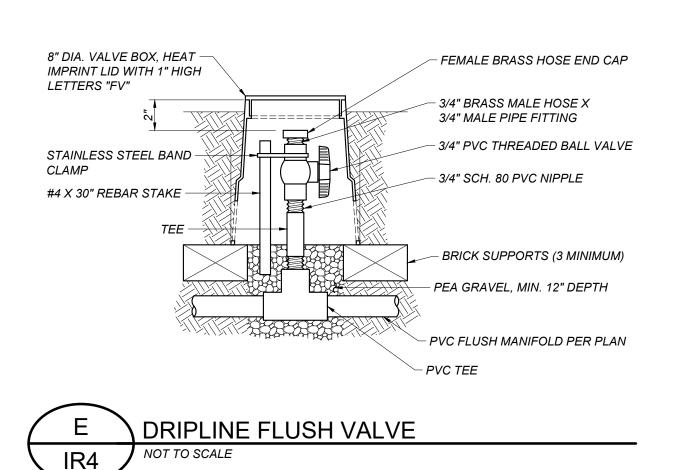


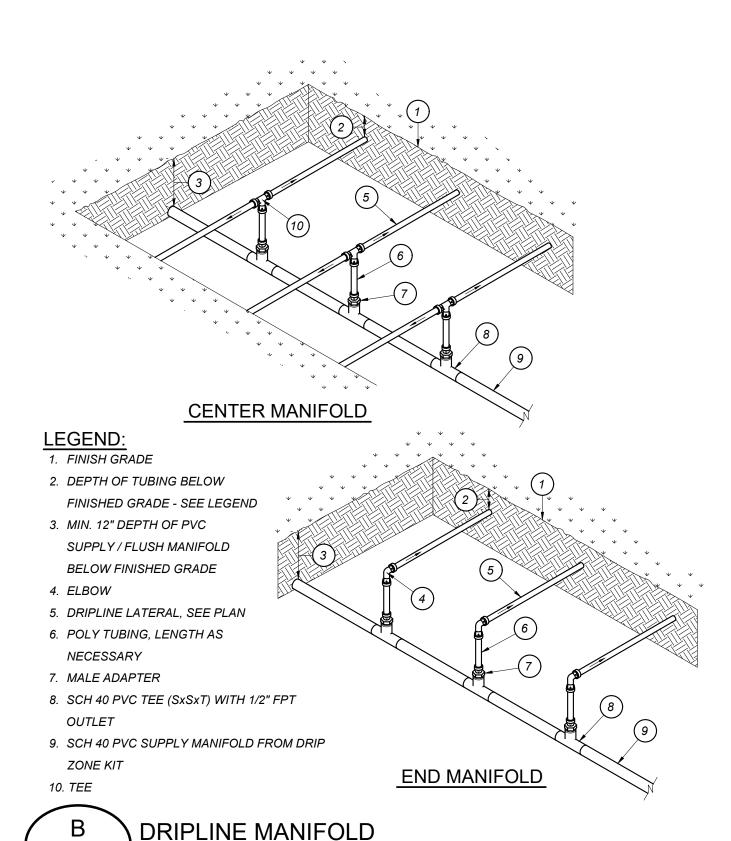


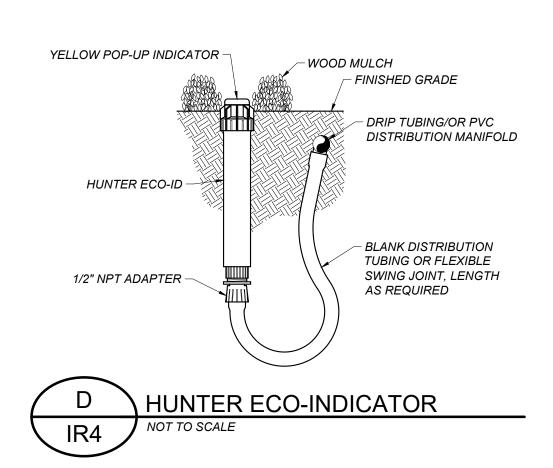


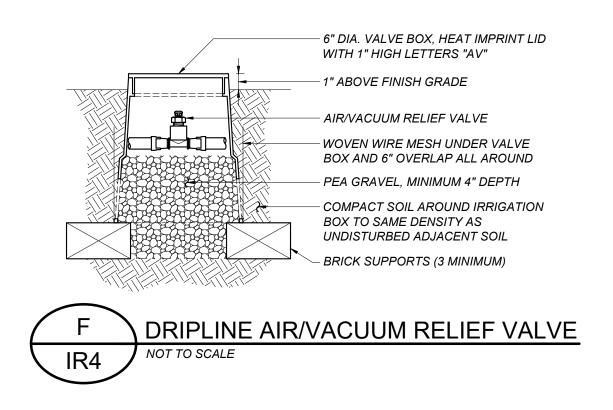












GENERAL IRRIGATION NOTES:

- 1. ALL ITEMS IN THE LEGEND ARE TO BE FURNISHED AND INSTALLED, UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL FURNISH THE ARTICLES, EQUIPMENT, MATERIALS OR PROCESSES SPECIFIED BY NAME. NO SUBSTITUTION WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL OF THE DESIGN ENGINEER. (ALL MATERIAL REQUIRED SHALL BE NEW AND OF THE BEST QUALITY AVAILABLE)
- 2. THE DESIGN ENGINEER RESERVES THE RIGHT TO REJECT ANY MATERIAL OR WORK WHICH DOES NOT CONFORM TO THE CONTRACT PLANS AND SPECIFICATIONS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE DESIGN ENGINEER.
- 3. PRIOR TO STARTING WORK, THE CONTRACTOR SHALL VERIFY THE EXISTING SYSTEM COMPONENTS' LOCATION, SIZES AND ROUTING FOR BACKFLOW PREVENTERS, CONTROLLERS, MAIN AND LATERAL PIPING, VALVES, SPRINKLER HEADS AND CONTROL WIRE; AND SHALL CONFIRM THEIR OPERATIONAL STATUS IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL ALSO VERIFY THE AVAILABLE STATIC PRESSURE AT THE POINT-OF-CONNECTION. FAILURE TO NOTIFY THE OWNER'S REPRESENTATIVE BEFORE STARTING WORK OF ANY DEVIATION FROM THE INFORMATION SHOWN ON THE CONTRACT DOCUMENTS, OR NECESSARY REPAIRS TO THE EXISTING SYSTEM, SHALL MAKE THE CONTRACTOR RESPONSIBLE TO PROVIDE. AT HIS OWN EXPENSE. ANY CORRECTIVE WORK OR COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM WITH FULL COVERAGE.
- 4. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND KEEP ANY EXISTING IRRIGATION SYSTEM SCHEDULED TO REMAIN OPERATIONAL AT ALL TIMES DURING THE COURSE OF THIS WORK. THE CONTRACTOR SHALL REPLACE ANY PLANTS DEAD OR DISTRESSED DUE TO THE INTERRUPTION OF EXISTING IRRIGATION SCHEDULES AND SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE EXISTING SYSTEM'S OPERATIONAL.
- 5. THE CONTRACTOR IS RESPONSIBLE TO LOCATE AND PROTECT ALL EXISTING UTILITIES. UTILITIES SHOWN ARE FOR THE CONTRACTOR'S AWARENESS AND NO SURVEY HAS BEEN COMPLETE TO VERIFY THE ACCURACY OF THE UTILITIES SHOWN. IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR ANY DAMAGED UTILITIES CAUSED BY CONSTRUCTION ACTIVITIES.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL DIMENSIONS SHOWN AND TO ADJUST SAID DIMENSIONS TO FIT SITE CONDITIONS AND ACTUAL EQUIPMENT INSTALLED.
- 7. THE CONTRACTOR SHALL NOT WILLFULLY INSTALL THE IRRIGATION FACILITIES AS INDICATED ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER.
- 8. THE IRRIGATION PLAN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND HEADS SHALL BE LOCATED IN PLANTING AREAS WHENEVER POSSIBLE.
- 9. THE CONTRACTOR SHALL PROVIDE ADEQUATE SAFETY MEASURES TO WARN AND PROTECT THE PUBLIC, OTHER SITE CONTRACTORS AND HIS WORKERS FROM POSSIBLE INJURY DUE TO HIS CONSTRUCTION EQUIPMENT AND OPERATIONS.
- 10. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, ETC. WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL HIS WORK, AND PLAN HIS WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC., AS MAY BE REQUIRED TO INSTALL THE PROPOSED FACILITIES AND ACCOMMODATE THE SITE CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE DONE TO PROVIDE A COMPLETE AND OPERATIONAL IRRIGATION SYSTEM. ALL WORK TO BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, LOCAL CODES AND ORDINANCES.
- 11. VALVES SHALL BE LOCATED IN SHRUB/GROUND COVER AREAS INSTEAD OF IN TURFGRASS AREAS WHENEVER POSSIBLE. VALVES IN ATHLETIC SPORTS FIELDS SHALL BE LOCATED OUTSIDE OF THE FIELD-OF-PLAY TO THE GREATEST EXTENT POSSIBLE.
- 12. THE CONTRACTOR SHALL REPLACE ANY EXISTING PLANTS SCHEDULED TO REMAIN (SEE LANDSCAPE PLANS) THAT ARE DAMAGED BY THIS WORK WITH NEW PLANTS OF THE SAME SPECIES/VARIETY AND SIZE AS THE ORIGINAL.
- 13. ANY EXISTING TURFGRASS REMOVED FOR THIS WORK SHALL BE REPLANTED IF VIABLE. OR NEW SOD OF THE SAME SPECIES/VARIETY INSTALLED. THE UPPER 6 INCHES OF THE COMPACTED TRENCH BACKFILL SHALL BE CONDITIONED PER LANDSCAPE SPECIFICATIONS PRIOR TO SOD INSTALLATION. THE NEW SOD SURFACE SHALL BE FLUSH TO THE ADJACENT TURFGRASS WITHOUT HUMPS OR DEPRESSIONS.
- 14. INSTALL SLEEVES UNDER ALL ASPHALT/CONCRETE IMPROVEMENTS. SLEEVES SHALL BE PVC SCH. 40 PVC OR SDR 35 AND TWICE THE DIAMETER OF THE PIPE UNLESS OTHERWISE NOTED. CONTROL WIRING SHALL BE SLEEVED IN 2" SCH 40 PVC UNLESS OTHERWISE NOTED. MINIMUM DEPTH OF SLEEVES UNDER ALL ASPHALT/CONCRETE IMPROVEMENTS IS 18" BELOW SUBGRADE OR 24" BELOW FINISHED GRADE, WHICHEVER IS GREATER.
- 15. CONTRACTOR SHALL SAWCUT TO EXISTING JOINTS. REMOVE AND REPLACE SURFACING (CONCRETE, ASPHALT) AS NECESSARY TO INSTALL THE IRRIGATION SYSTEM.
- 16. THE CONTRACTOR SHALL PROVIDE AND KEEP AN UP-TO-DATE "RECORD DRAWING" SHOWING ALL CHANGES TO THE ORIGINAL DRAWINGS AND EXACT LOCATIONS OF THE FACILITIES INSTALLED. BEFORE FINAL INSPECTION, THE CONTRACTOR SHALL FURNISH MARKED "RECORD DRAWINGS" TO THE INSPECTOR.
- 17. THE CONTRACTOR SHALL PROVIDE ADJUSTMENT OF NOZZLE ARC AND RADIUS. INCLUDING ANY ALTERNATE NOZZLE TYPES, NECESSARY TO PROVIDE COMPLETE COVERAGE, TO SUIT ACTUAL SITE CONDITIONS, AND TO MINIMIZE OVERSPRAY ONTO HARDSCAPE, PAVEMENT AND/OR STRUCTURES.
- 18. CONCRETE ANCHORS OR THRUST BLOCKS SHALL BE PROVIDED ON ALL MAIN LINE PIPING. THEY ARE TO BE LOCATED AT ALL ABRUPT CHANGES IN PIPELINE GRADE, CHANGES IN HORIZONTAL ALIGNMENT, REDUCTION IN PIPE SIZES, END OF LINE AND IN-LINE VALVES TO ABSORB ANY AXIAL THRUST OF THE PIPE. THE PIPE MANUFACTURER'S RECOMMENDATIONS FOR THRUST CONTROL SHALL BE FOLLOWED. THRUST BLOCKS MUST BE FORMED AGAINST
- 19. ALL MAIN LINE AND LATERAL LINE PIPES UNDER PAVEMENT SHALL BE PRESSURE TESTED WITH THE VALVES INSTALLED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NEEDED. IF ANY LEAKS DEVELOP, THE REPAIRS ARE TO BE MADE AND THE TEST REPEATED UNTIL THE SYSTEM IS PROVEN WATERTIGHT. THE CONTRACTOR IS TO CENTER LOAD THE PIPE AND LEAVE ALL JOINTS EXPOSED FOR INSPECTION. THE PRESSURE TEST SHALL BE OBSERVED AND APPROVED BY THE OWNER'S REPRESENTATIVE. WHEN THE PIPE IS PROVEN WATERTIGHT AND ONLY THEN MAY THE LINE BE BACKFILLED.
- 20. WIRED CONNECTIONS BETWEEN THE CONTROLLER AND REMOTE CONTROL VALVES SHALL BE MADE WITH ONE CONTINUOUS DIRECT BURIAL WIRE RUN. A VALVE BOX MUST BE PROVIDED AT THE CONTRACTOR'S EXPENSE AT ALL UNDERGROUND SPLICES.
- 21. ONLY TEFLON TAPE OR AN APPROVED TEFLON PASTE MAY BE USED AS THE SEALING MATERIAL TO MAKE ALL THREADED CONNECTIONS. A MINIMUM OF TWO (2) WRAPS IN THE DIRECTION OF THE THREADS TO BE USED FOR TAPE. NO OTHER PIPE JOINT MATERIAL WILL BE ALLOWED WITHOUT THE WRITTEN AUTHORIZATION FROM THE DESIGN ENGINEER.
- 22. THE CONTRACTOR SHALL PROVIDE TWO (2) INDIVIDUALLY BOUND SETS OF OPERATION AND MAINTENANCE MANUALS. THE MANUAL SHALL CONTAIN THE FOLLOWING INFORMATION: CONTRACTOR'S ADDRESS AND PHONE NUMBER.
- DURATION OF GUARANTEE PERIOD (ONE YEAR AFTER FINAL ACCEPTANCE). NAMES, ADDRESSES AND PHONE NUMBERS OF LOCAL MANUFACTURER
- REPRESENTATIVES.
- COMPLETE SET OF MANUFACTURER'S LITERATURE AND SPECIFICATIONS.
- COMPLETE OPERATING AND MAINTENANCE INSTRUCTIONS ON ALL MAJOR EQUIPMENT. ISSUE A "CERTIFICATE OF CONSTRUCTION COMPLIANCE" WHICH STATES THAT ALL WORK
- DONE AND MATERIALS AND EQUIPMENT USED ARE IN CONFORMANCE WITH THE APPROVED PLANS, SPECIFICATIONS AND ALL AUTHORIZED REVISIONS. INITIAL ELECTRICAL DATA ON EACH VALVE:
- (1) OHMMS READING FOR EACH VALVE TAKEN AT THE CONTROLLER. (2) VOLTAGE READING FOR EACH VALVE TAKEN BOTH AT THE CONTROLLER AND AT THE
- 23. THE CONTRACTOR SHALL PROVIDE TWO SETS OF CONTROLLER CHARTS. THE CHARTS TO BE A REDUCED DRAWING OF THE ACTUAL PLANS. THE CHARTS SHALL BE COLORED WITH A DIFFERENT COLOR FOR EACH IRRIGATION CIRCUIT. THE CHARTS SHALL BE COVERED IN A WATERTIGHT ENVELOPE.
- 24. IRRIGATION LINE TRENCHING AND PIPE INSTALLATION LOCATED WITHIN THE CANOPY DRIP LINE OF EXISTING TREES SHALL BE PERFORMED BY HAND OR BY AIR SPADE WITHOUT CUTTING OR DAMAGING EXISTING ROOTS GREATER THAN ONE INCH IN DIAMETER. SEE EXISTING LANDSCAPE PROTECTION SECTION FOR ADDITIONAL REQUIREMENTS.
- 25. REPLACE ALL DAMAGED EXISTING VALVE BOXES AND/OR LIDS WITHIN THE AREA OF WORK. ADJUST THE ELEVATION OF ALL EXISTING VALVE BOXES WITHIN THE AREA OF WORK TO FINISH GRADE AS NECESSARY TO COMPLY WITH THE VALVE BOX DETAIL.

DRIP SYSTEM IRRIGATION NOTES:

- 1. ALL ITEMS, ACCESSORIES, FITTINGS, ETC. NECESSARY FOR A COMPLETE AND PROPERLY FUNCTIONING SUB-SURFACE DRIP SYSTEM ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE.
- 2. THE EQUIPMENT AND COMPONENTS CALLED OUT ON THE DRAWING LEGEND ARE THE PREFERENCE OF THE OWNER AND ARE SELECTED TO MATCH EQUIPMENT AND COMPONENTS IN USE IN OTHER SIMILAR IRRIGATION SYSTEMS OF THE OWNER.
- PRIOR TO STARTING WORK, THE CONTRACTOR SHALL VERIFY ANY EXISTING SYSTEM COMPONENTS' LOCATION, SIZES AND ROUTING FOR BACKFLOW PREVENTERS, CONTROLLERS, MAIN AND LATERAL PIPING, VALVES, SPRINKLER HEADS AND CONTROL WIRE; AND SHALL CONFIRM THEIR OPERATIONAL STATUS IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL ALSO VERIFY THE AVAILABLE STATIC PRESSURE AND AVAILABLE SAFE FLOW AT THE POINT-OF-CONNECTION. FAILURE TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER BEFORE STARTING WORK, OF ANY DEVIATION FROM THE INFORMATION SHOWN ON THE CONTRACT DOCUMENTS OR NECESSARY REPAIRS TO THE EXISTING SYSTEM, SHALL MAKE THE CONTRACTOR RESPONSIBLE TO PROVIDE, AT HIS OWN EXPENSE, ANY CORRECTIVE WORK OR COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL SYSTEM WITH FULL COVERAGE.
- 4. THE IRRIGATION PLAN IS DIAGRAMMATIC. ALL PIPING, VALVES, AND COMPONENTS SHALL BE LOCATED IN PLANTING AREAS, UNLESS NOTED OTHERWISE. VALVES SHALL BE LOCATED IN SHRUB/GROUND COVER AREAS INSTEAD OF IN TURFGRASS AREAS WHENEVER POSSIBLE.
- 5. INSTALL DRIP EMITTERS IN A TRIANGULAR OR STAGGERED PATTERN AND AT A CONSISTENT DEPTH BELOW GRADE AS SHOWN OR INDICATED IN THE DRAWINGS.
- 6. STAKE THE EMITTER TUBING USING THE MANUFACTURER'S RECOMMENDED STAKES DIRECTLY OVER EVERY OTHER EMITTER. FOR EXAMPLE, IF THE EMITTERS ARE SPACED AT 18 INCHES O.C., THEN STAKE AT 36 INCHES O.C.
- 7. PRIOR TO BACKFILLING THE DRIP TUBING AND THE START OF PLANTING OPERATIONS, THE SYSTEM SHALL BE REVIEWED FOR PROPER OPERATION BY THE OWNER'S REPRESENTATIVE.
- 8. PROGRAM THE CONTROLLER TO OPERATE THE CONTROL VALVE(S) FOR THE DRIP SYSTEM USING THE CONTROLLER'S "CYCLE AND SOAK" FEATURE IN ORDER TO APPLY THE REQUIRED WATER AMOUNT IN THREE EQUAL CYCLES.
- 9. PRIOR TO THE START OF PLANTING OPERATIONS, THE DRIP SYSTEM SHALL BE OPERATED FOR A FREQUENCY AND DURATION TO ADEQUATELY MOISTEN THE TOPSOIL TO A MINIMIM DEPTH OF 12 INCHES AT ANY LOCATION WITHIN THE PLANTING AREA.
- 10. THE CONTRACTOR SHALL PROVIDE ONE HUNDRED (100) FEET OF IN-LINE EMITTER TUBING OF THE SAME MODEL AS SPECIFIED, ENOUGH STAKES FOR THE 100 FEET, AND TEN (10) OF EACH TYPE OF FITTINGS USED ON THE PROJECT FOR THE OWNER'S USE AS SPARE PARTS.
- 11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP ANY EXISTING IRRIGATION SYSTEM SCHEDULED TO REMAIN OPERATIONAL AT ALL TIMES DURING THE COURSE OF THIS WORK. THE CONTRACTOR SHALL REPLACE ANY PLANTS DEAD OR DISTRESSED DUE TO THE INTERRUPTION OF EXISTING IRRIGATION SCHEDULES, AND SHALL PERFORM ALL WORK NECESSARY TO MAINTAIN THE EXISTING SYSTEM'S OPERATION.
- 12. THE CONTRACTOR SHALL REPLACE ANY EXISTING PLANTS SCHEDULED TO REMAIN THAT ARE DAMAGED BY THIS WORK WITH NEW PLANTS OF THE SAME SPECIES/VARIETY AND SIZE AS THE ORIGINAL PRIOR TO THE START OF WORK. ANY EXISTING TURFGRASS REMOVED FOR THIS WORK SHALL BE REPLANTED IF VIABLE, OR NEW SOD OF THE SAME SPECIES/VARIETY INSTALLED. THE UPPER 6 INCHES OF THE COMPACTED TRENCH BACKFILL SHALL BE CONDITIONED PER THE PLANTING SPECIFICATIONS PRIOR TO SOD INSTALLATION. THE NEW SOD SURFACE SHALL BE FLUSH TO THE ADJACENT TURFGRASS WITHOUT HUMPS OR DEPRESSIONS.

CONTRACTOR SPECIAL IRRIGATION NOTES:

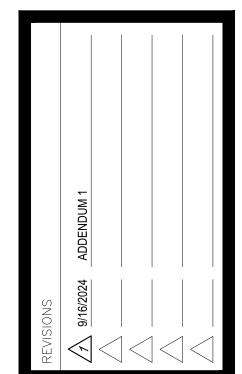
- 1. THE CONTRACTOR SHALL PERFORM AN OPERATIONAL ASSESSMENT OF THE EXISTING IRRIGATION SYSTEM WITHIN THE AREA OF WORK WITH THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION OPERATIONS.
- 2. THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING PLANTING SCHEDULED TO REMAIN SHALL CONTINUE TO BE IRRIGATED THROUGHOUT THE COURSE OF CONSTRUCTION OPERATIONS. ANY DAMAGE TO THE EXISTING IRRIGATION SYSTEM THAT IMPACTS EXISTING PLANTING TO REMAIN SHALL BE IMMEDIATELY REPAIRED TO THE OWNER'S SATISFACTION.
- 3. PRIOR TO THE START OF ANY SHRUB, GROUND COVER, AND/OR TURFGRASS PLANTING, AN OPERATIONAL REVIEW OF THE IRRIGATION SYSTEM SHALL BE PERFORMED FOR PROPER COVERAGE AND SOIL MOISTURE DEPTH BY THE OWNER'S REPRESENTATIVE. ALL CORRECTIONS AND/OR ADJUSTMENTS SHALL BE COMPLETED AND VERIFIED BY THE OWNER'S REPRESENTATIVE BEFORE GROUND LEVEL PLANTING MAY COMMENCE.
- 4. THE ORIGINAL IRRIGATION SYSTEM OBSERVATION LOG SHALL BE MAINTAINED ON THE AS-BUILT RECORD DRAWING SET.
- 5. THE AS-BUILT RECORD DRAWING SET AND OTHER CLOSE-OUT ITEMS SHALL BE SUBMITTED AND ACCEPTED PRIOR TO THE SCHEDULING OF A FINAL ACCEPTANCE
- 6. UNLESS NOTED OTHERWISE, SALVAGE AND RETURN TO THE OWNER ALL IRRIGATION VALVES, HEADS AND OTHER EQUIPMENT COMPONENTS REMOVED AS PART OF THE WORK. SALVAGED COMPONENTS SHALL BE CLEAN AND IN WORKING CONDITION UNLESS NOTED AS NON-OPERATIONAL DURING THE OPERATIONAL ASSESSMENT.

SEE SHEET IR1 FOR

Call before you dig.



DATE: JANUARY 31, 2024





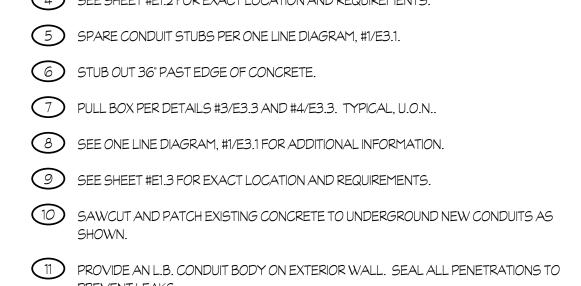
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CONSULTING ENGINEERS

No. C-34290

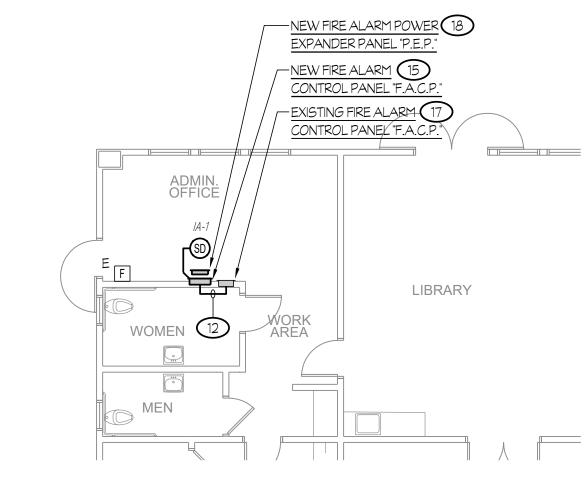
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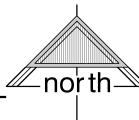


- 14 ROUTE CONDUIT OVERHEAD IN CONCEALED ATTIC SPACE.
- SEE FIRE ALARM SPECIFICATIONS ON SHEET #E2.1 FOR ADDITIONAL INFORMATION.
- CUT AND PATCH WALL ABOVE CABINET TO INSTALL NEW CONDUITS PER FIRE ALARM RISER DIAGRAM, #1/E2.2.
- CUT AND PATCH WALL AS REQUIRED TO FLUSH IN NEW FIRE ALARM POWER EXPANDER PANEL PER DETAIL #8/E2.3.







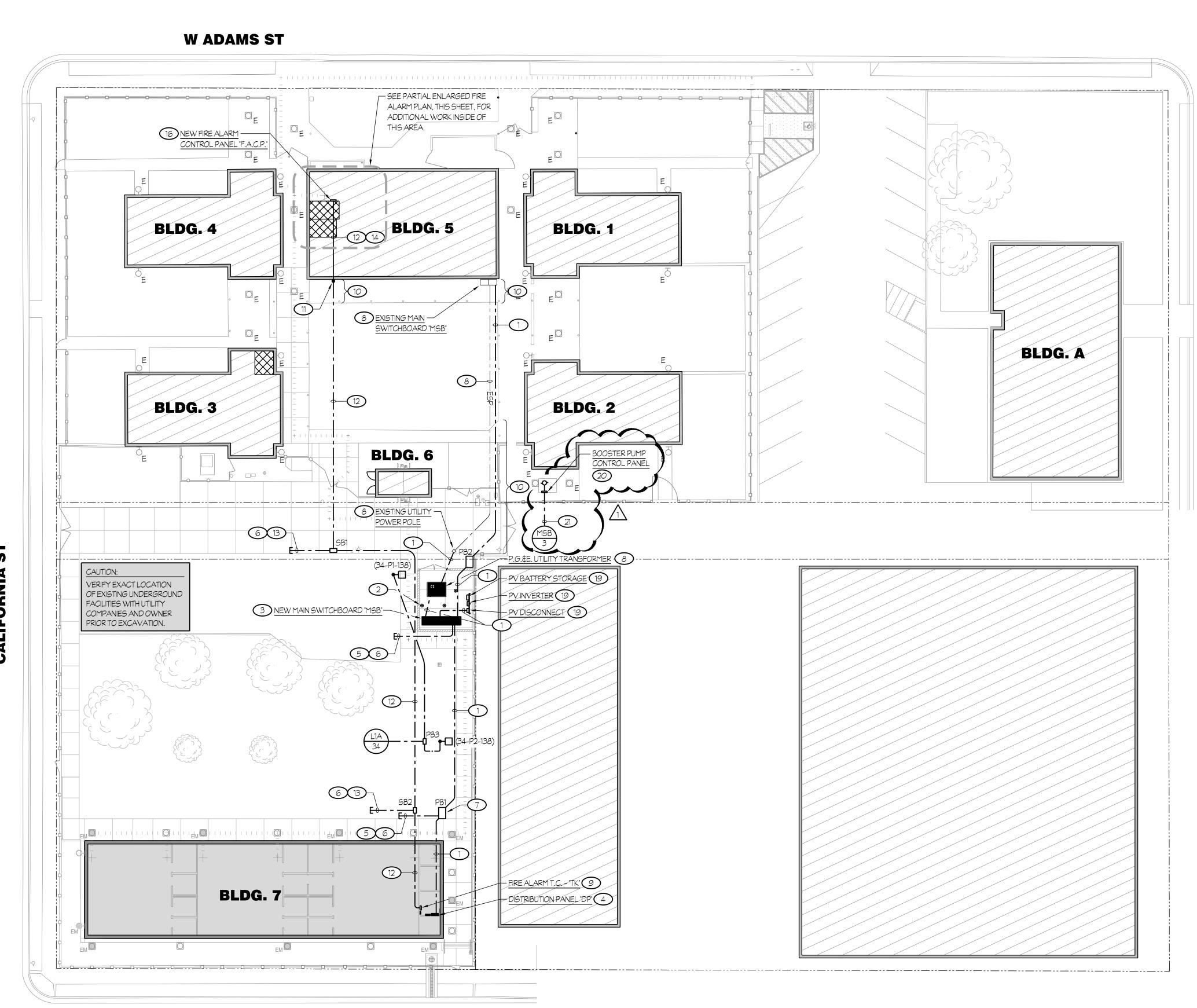


COMPLETE AUTOMATIC FIRE ALARM SYSTEM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE FIRE ALARM SYSTEM SHALL BE A TOTAL (COMPLETE) AUTOMATIC HEAT AND SMOKE DETECTION SYSTEM, PER C.F.C. SECTION 907.2.3.6, AND SHALL COVER EVERY ROOM AND/OR AREA. UPON THE ACTIVATION OF ANY INITIATION DEVICE THE FIRE ALARM SYSTEM SHALL ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION (C.F.C. SECTION 907.2.3.5).

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SITE ELECTRICAL PLAN

W JEFFERSON ST

3 MOUNT PER DETAIL #1/E3.4. 4 SEE SHEET #E1.2 FOR EXACT LOCATION AND REQUIREMENTS.

2 BONDING AND GROUNDING PER DETAIL #5/E3.3.

NOTES (THIS SHEET ONLY):

1) FEEDER PER ONE LINE DIAGRAM, #1/E3.1.

(13) SPARE CONDUIT STUBS PER FIRE ALARM SYSTEM RISER DIAGRAM, #1/E2.2.

CUT AND PATCH WALL AS REQUIRED TO FLUSH IN NEW FIRE ALARM CONTROL PANEL "F.A.C.P." PER DETAIL #6/E2.3.

FIRE ALARM PLAN



SITE ELECTRICAL PLAN

ES1.1R



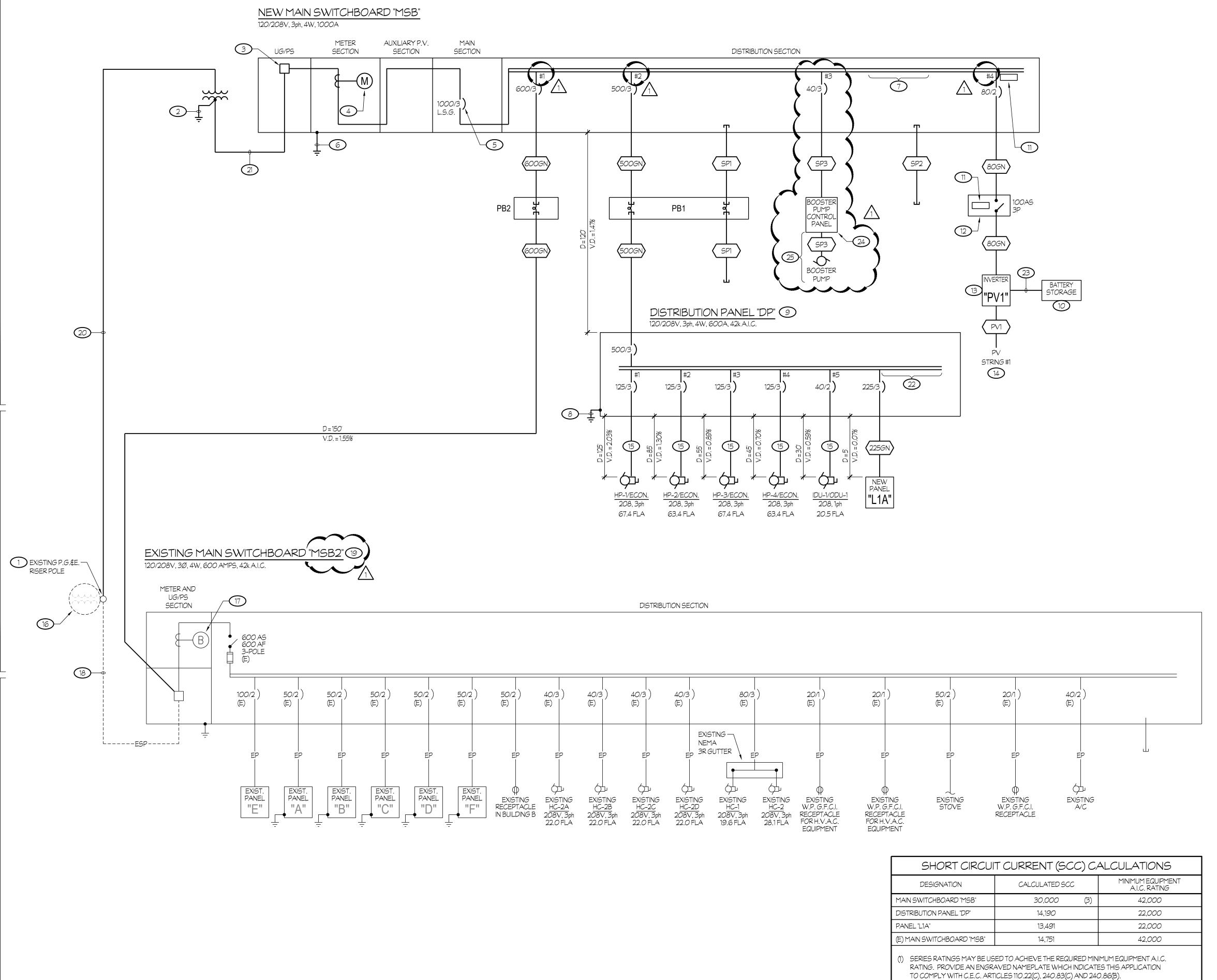
NEW TECHEN

ONE LINE DIAGRAM

PROJECT **23044**

E3.1R

THEREFORE THE EXISTING 1000 AMP SERVICE IS ADEQUATE. Rose Sing Eastham & Associates **Electrical Consultants** 131 S. Dunworth - (559)733-2671 Visalia, California 93292-6705



- (2) THE SHORT CIRCUIT CURRENT CALCULATIONS AND MINIMUM EQUIPMENT A.I.C. RATINGS ARE "PRELIMINARY" AND ARE FOR BIDDING PURPOSES ONLY. THE SHORT CIRCUIT AND PROTECTIVE DEVICE COORDINATION STUDY, REQUIRED BY THE PROJECT MANUAL, WILL DETERMINE THE ACTUAL SHORT CIRCUIT CURRENT VALUES.
- (3) THE AVAILABLE FAULT CURRENT SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT TO COMPLY WITH C.E.C. ARTICLE 110.24. THE FIELD MARKING SHALL INCLUDE THE DATE THAT THE FAULT CURRENT CALCULATION WAS PERFORMED. THE LABEL SHALL BE PRINTED IN COLOR AND ON SELF-ADHESIVE NYLON OR VINYL DIE CUT STOCK.

1) EXISTING P.G. &E. POWER POLE. VERIFY EXACT LOCATION AND RISER QUADRANT WITH P.G.&E. PRIOR TO ROUGH-IN.

ONE LINE DIAGRAM NOTES (THIS SHEET ONLY):

2 PROVIDE A 106"L x 90"W CONCRETE PAD (STYLE I I E), GROUNDING AND BARRIER POSTS (FIXED AND REMOVABLE) FOR P.G. LE. PAD MOUNTED TRANSFORMER PER P.G &E. REQUIREMENTS.

3 PROVIDE LANDING LUGS PER P.G. LE. REQUIREMENTS.

4 PROVIDE METERING FACILITIES PER P.G. LE REQUIREMENTS.

MAIN CIRCUIT BREAKER SHALL BE 100% RATED ELECTRONIC TYPE, EQUIPPED WITH LONG-TIME, SHORT-TIME, INSTANTANEOUS-OFF TYPE AND GROUND FAULT TYPE CONFIGURATIONS. MAIN CIRCUIT BREAKER SHALL ALSO BE EQUIPPED WITH A TRIP INDICATOR AND LOCAL CURRENT METER. SQUARE D #RK SERIES OR EQUAL.

6 1 #3/0 TO GROUNDING ELECTRODE SYSTEM PER DETAIL #6/E3.3.

7 PROVIDE SPACE AND MOUNTING HARDWARE FOR A MINIMUM OF ONE 400A, 3-POLE AND TWO 225 AMP, 3-POLE CIRCUIT BREAKERS.

8 BOND AND GROUND REMOTE PANEL PER DETAIL #6/E3.3.

9 PROVIDE SQUARE "D", HCJ, I-LINE WITH 72 INCHES OF CIRCUIT BREAKER MOUNTING SPACE, MAIN CIRCUIT BREAKER AS NOTED IN NEMA 1 ENCLOSURE.

10 PROVIDE EG4 ELECTRONICS 15 kWh BATTERY STORAGE SYSTEM. CONNECT TO SYSTEM PER MANUFACTURER REQUIREMENTS.

11) PROVIDE SOLAR NAME PLATE AS REQUIRED BY C.E.C.. SEE SHEET #E3.5 FOR ADDITIONAL INFORMATION.

PROVIDE WEATHERPROOF VISIBLE STYLE DISCONNECT SWITCH PER UTILITY REQUIREMENTS.

13) PROVIDE SOL-ARC HYBRID INVERTER #15K-2P-N. CONNECT PV STRING CIRCUITS PER MANUFACTURER REQUIREMENTS.

PROVIDE 415W PV MODULES AS MANUFACTUERED BY Q CELLS, MODEL Q.PEAK DUO ML-G10+ AND SOL-ARK OPTIMIZER #0900-80V AT EACH UNIT. REFER TO PLANS FOR QUANTITY AND LOCATION OF MODULES.

15) SEE ROOF ELECTRICAL PLAN, SHEET #E1.2, FOR FEEDER INFORMATION.

(16) COORDINATE WITH P.G. &E. TO DISCONNECT AND REMOVE EXISTING POLE MOUNTED

(17) COORDINATE WITH P.G. &E. TO DISCONNECT AND REMOVE EXISTING METER.

(18) COORDINATE WITH P.G. &E. TO DISCONNECT AND REMOVE EXISTING SECONDARY

ONE 5"C (PRIMARY) PER UTILITY COMPANY REQUIREMENTS.

21) FOUR 4"C (SECONDARY) PER UTILITY COMPANY REQUIREMENTS.

22) SPACE AND MOUNTING HARDWARE PER KEYNOTE #9.

23) 11/4"C - 3 #4 + 1 #8 GND + 1 #CAT. "5e" CABLE. (25) COORDINATE WITH LANDSCAPE CONTRACTOR.

NEW FEEDER SCHEDULE: (ALL UNDERGROUND CONDUCTORS, OF A 480/277V POWER SYSTEM, SHALL BE TYPE CU-XHHW-2. ALL OTHER CONDUCTORS, INCLUDING THE EQUIPMENT GROUNDING CONDUCTOR, SHALL BE CU-THWN-2 FOR #8 AWG OR LARGER AND CU-THWN FOR #10 AWG OR SMALLER).

3/4"C-4#10 +1#10 GND+1#10 CU BARE.

80GN 1"C-3#4+1#8GND.

(225GN 2"C - 4 #3/O + 1 #6 GND. **(**500GN) TWO 21/2"C - 4 #4/O + 1 #2 GND EACH.

600GN TWO 3"C - 4 #350 kcmil + 1 #1 GND EACH. TWO 4"C SPARE.

ONE 21/2"C SPARE.

EXISTING MAIN SWITCHBOARD "MSB" LOAD CALCULATION:

140.4 kV/
390 AMF

NEW MAIN SWITCHBOARD "MSB" LOAD CALCULATION:

NEW LOAD:	
LIGHTING × 125%	4.5 kVA
RECEPTACLES (FIRST 10 kVA AT 100%, REMAINDER AT 50%)	13.23 kVA
H.V.A.C. AT 100%	104.5 kVA
MISCELLANEOUS AT 100%	6 kVA
TOTAL	128.23 kVA
NEW + EXISTING	268.63 kVA
AT 120/208, 3ph, 4W	745.6 AMPS
THEREFORE THE EVICTING 1000 AMR GERVICE IS AREA	NIATE

ONE LINE DIAGRAM