



99 S. Almaden Road, Suite 600
San Jose, CA 95113

January 7, 2022

Subject: Bid Package #2
Abbott Middle School HVAC Replcmt-DSA 01-119556
George Hall Elementary School HVAC Replcmt-DSA 01 119523
Laurel Elementary School HVAC Replcmt DSA 01-119551
San Mateo - Foster City School District

ADDENDUM NO. 4

CHANGES AND/OR CLARIFICATIONS OF THE DRAWINGS AND SPECIFICATIONS ARE AS FOLLOWS FOR THE THREE DSA PROJECTS ASSOCIATED WITH BID PACKAGE NO.2. PLEASE NOTE THAT THIS ADDEDUM IS BEING ISSUED IN A COMBINED PACKAGE IN FIVE PARTS.

- Part 1. Cover section addressing all three projects with overlapping information impacting each campus project.
- Part 2. Addendum documentation exclusively for Abbott Middle School Project.
- Part 3. Addendum documentation exclusively for George Hall Elementary School Project.
- Part 4. Addendum documentation exclusively for Laurel Elementary School Project.

Part 1. Cover section addressing all four projects with overlapping information impacting each campus project.

Special Notice #1, there has been a change in bid date and time for Bid Package Number 1. The new bid date and time is as noted below.

Sealed Bids will be received for **Bid Package #1** until **2:00 P.M., January 18, 2022**, at the District Office, located at **1170 Chess Drive, Foster City, California-94404**, at or after which time the bids will be opened and publicly read aloud. Any claim by a bidder of error in its bid must be made in compliance with section 5100 et seq. of the Public Contract Code. Any bid that is submitted after this time shall be non-responsive and returned to the bidder.

Special Notice #2, there will be no change in bid date or time for Bid Package Number 2. The posted bid date time is as noted below.

Sealed Bids will be received for **Bid Package #2** until **10:00 A.M., January 13, 2022**, at the District Office, located at **1170 Chess Drive, Foster City, California-94404**, at or after which time the bids will be opened and publicly read aloud. Any claim by a bidder of error in its bid must be made in compliance with section 5100 et seq. of the Public Contract Code. Any bid that is submitted after this time shall be non-responsive and returned to the bidder.



Special Notice #3, The following General Contractors have been qualified to bid this project. Each bid received must be within the authorized bid dollar limit as established for each individual bidding general contractor's qualification review. Bid amounts may *not exceed* each individual bidding general contractor's established authorized dollar limit. If a bid is received in excess of the established authorized dollar limit it will be considered a ***non-responsive bid***. If unsure of your authorized bidding dollar limit, please contact KCEM immediately, specifically, K. Brown at Kbrown@kitchell.com or 408.315.6610

1. Strawn Construction.
2. Bobo Construction,
3. E F Brett Construction,
4. Rodan Builders,
5. F & H Construction,
6. BRCO Construction

RFI QUESTION

ITEM NO 4.1 **Question,** Would it be acceptable to utilize a 2 SK sand slurry to backfill electrical trenches? Given the project schedule, backfilling with slurry could be very beneficial?

Response, 2 SK sand slurry is acceptable backfill for electrical trenches at asphalt and concrete paving locations and shall not extend more than 3" above electrical conduits. 2 SK sand slurry is not acceptable backfill for electrical trenches at planting locations. Controlled low strength material (CLSM) shall have an unconfined compressive 28-day strength from 50 PSI to a maximum of 150 PSI. CLSM with a 28-day compressive strength in excess of 200 PSI shall be removed and replaced by the contractor as directed by the Engineer or IOR at no cost to the School District.

ITEM NO 4.2 **Question,** Would it be acceptable to directional bore electrical conduits in lieu of traditional trench and backfill. This wouldn't be an option for every trench, but if there is an opportunity, would it be allowed?

Response, It is acceptable to directional bore electrical conduits underground. The contractor is responsible for completing all the underground conduit connections required when directional boring. The contractor is responsible for repairing all damaged lines if any existing utility lines or existing underground lines are damaged. If it is determined after directional boring that the boring cannot be done successfully, the contractor is still responsible for providing the traditional trenching and backfill.

ITEM NO 4.3 **Question,** Substitute Versico Versiflex 60 Mil PVC KEE HP Membrane for 07 54 19 basis of design product Johns Manville 60 MIL PVC KEE Roof Membrane.

Response, Versico Versiflex 60 Mil PVC KEE HP Membrane may be substituted if the product meets all requirements including but not limited to guarantee/warranty of the installation at patched interface between new roofing and existing roofing to remain. The existing PVC roofing material is understood to be Johns Manville 60 MIL PVC KEE Roof Membrane, currently under warranty.

ITEM NO 4.4 **Question,** "Do the qualified Mechanical Electrical and Plumbing sub-contractors need to adhere to the Quality Bidder authorized financial limits if bidding to a Pre-Approved General Contractor?"

Response, “As to the current financial limits placed upon the various MEP sub-contractors for SM-FCSD, if the MEP sub-contractor are bidding directly to a project General Contractor (also pre-qualified by Quality Bidders), then the MEP sub-contractor does not need to comply with the financial limits applied to them.”

ITEM NO 4.5 **Question,** Clarify Quality Bidder’s authorized MEP contractors?

Response, Please refer to attached documents listed as follows, four documents issued in total.

1. San Mateo Foster City School District Approved Contractor’s List updated 01/07/2022. This is the complete list as of this date.
2. San Mateo Foster City School District Approved Contractor’s List updated 01/07/2022 sorted by License classification C-10, C-20 & C-36 issued as one document

SPECIFICATIONS

ITEM NO.4.6: ADDENDUM 3-DOCUMENT SECTION 02 80 00 – HAZARDOUS MATERIAL ABATEMENT 7 RELATED CONSTRUCTION

Revise item: PART1. GENERAL, 1.1 SCOPE A. shall be changed to read as follows:

“The work of this section includes removal, clean up and disposal of the below listed hazardous materials prior to the general building and structure renovation and/or demolition work of the project. These work scope items are generally described as follows for the buildings and structures indicated. Contractor is to review all demolition/construction project plans and field verify location and extent of hazardous materials-related work **where it will be impacted by the proposed construction project.**

Revise item: PART1. GENERAL, 1.1 SCOPE A, 1. **Asbestos-Containing Materials**, strike through the words “Remove all:”, heading should read

“1. Asbestos-Containing Materials ~~–Remove-all:~~”

Part 2. Addendum 4 Items for Abbott Middle School

- Review posted Addendum No. 4 documents as prepared by Aedis Architects, *attached*.

Part 3. Addendum 4 Items for George Hall Elementary School

- There are no addendum comments issued for George Hall Elementary School prepared by Aedis Architects.

Part 4. Addendum 4 Items for Laurel Elementary School

- There are no addendum comments issued for Laurel Elementary School prepared by Aedis Architects.

END OF ADDEDUM #4

San Mateo Foster City School District Approved Contractor List

Updated 01/07/2022 12:14 AM

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
3D Datacom dba 3D Technology Services	195 Contractors St., Livermore, CA, 94551	Debbie Boyle	925-455-1884	dboyle@3ddatacom.com	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), B (General Building Contractor)	\$5,620,000	12/07/2022
ACH Mechanical Contractors, Inc.	411 Business Center Court, Redlands, CA, 92373	Amanda Sanchez	909-307-2850	amandas@achmechanical.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$9,900,000	12/28/2022
AGC INC	745-B Camden Ave, Campbell, CA, 95008	Randy Attaway	408-637-1135	randy@agcinc.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	\$10,000,000	11/19/2022
Aire Sheet Metal, Inc.	1973 East Bayshore Road, Rewdood City, CA 94063	Barrie Solomon	650-364-8081	barrie@airesm.com	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	\$1,200,000	12/03/2022
Airteks.com, Inc	2432 ARMSTRONG ST, Livermore, CA, 94551	Jerome Bohland	925-292-0148	bids@airteks.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$333,380	12/07/2022
Atlas/Pellizzari Electric Inc	450 Howland St, Redwood City, CA, 94063	Jim Weishaar	650-364-1204	jimw@atlas-pellizzari.com	C-10 (Electrical Contractor)	\$4,300,000	12/03/2022
B & M Builders Inc.	11330 Sunrise Park Drive, Suite C, Rancho Cordova, CA, 95742	Jessica Alameida	916-638-8626	estimating@bm-builders.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-12 (Earthwork and Paving Contractors), C-27 (Landscaping Contractor), C-31 (Construction Zone Traffic Control Contractor), C-54 (Ceramic and Mosaic Tile Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$230,000	12/03/2022
Bana Builders, Inc.	699 Monterey Blvd., San Francisco, CA, 94127	Jahangir Ramezanbeigi	415-508-9253	weng@banabuilders.com	B (General Building Contractor)	\$7,713,362	11/19/2022
BAY CITIES FIRE PROTECTION, INC.	51 FOLEY ST., SANTA ROSA, CA, 95401	Leon Kresheck	707-579-8694	bcbf@sbcglobal.net	C-16 (Fire Protection Contractor)	\$710,000	12/28/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Bay City Mechanical, Inc.	870 Harbour Way South Richmond , Ca 94804	Sarahi Bonilla	510-233-7000	Sarahi@baycitymech.com	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-43 (Sheet Metal Contractor), B (General Building Contractor)	\$15,400,000	12/17/2022
Bayview Environmental Services, Inc.	6925 San Leandro Street, Oakland, CA, 94621	Anabel Arrizon	510-562-6181	aarrizon@bayviewservices.com	B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification)	\$4,100,000	11/15/2022
Beals Martin & Associates, Inc.	2596 Bay Road, Redwood City, CA, 94063	Dwight Ortmann	650-566-5884	Patricia@bealsmartin.com	A (General Engineering Contractor), B (General Building Contractor)	\$8,300,000	11/15/2022
Bell Products, Inc.	722 Soscol Ave, Napa, CA, 94559	Gina Massolo	707-255-1811	gmassolo@bellproducts.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-43 (Sheet Metal Contractor)	\$2,280,000	01/03/2023
Best Contracting Services, Inc.	19027 S. Hamilton Avenue, Gardena, CA 90248	Janette Luna	310-328-6969 x223	estimating@bestcontracting.com	A (General Engineering Contractor), B (General Building Contractor), C-17 (Glazing Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$30,000,000	12/17/2022
BHM Construction, Inc.	221 Gateway Rd West, Suite 405, Napa, CA, 94558	April Karsemeyer	707-643-4580	bids@bhmconstruction.com	B (General Building Contractor), A (General Engineering Contractor)	\$40,530,000	11/19/2022
Blach Construction Company	2244 Blach Place, Suite 100, San Jose, CA, 95131	Alex Glage	408-244-7100	alex.glage@blach.com	A (General Engineering Contractor), B (General Building Contractor)	\$35,100,000	12/28/2022
Bobo Construction, Inc.	9722 Kent Street, Suite A, Elk Grove, CA, 95624	Sarah Wilkins	916-383-7777	cbobo@boboconstructioninc.com	A (General Engineering Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-61 (Limited Specialty), C-8 (Concrete Contractor), C-36 (Plumbing Contractor)	\$7,825,800	12/07/2022
Bockmon & Woody Electric Co., Inc.	1528 El Pinal Drive, Stockton, CA, 95205	Arlene Larsen	209-464-4878	arlene@bockmonwoody.com	C-10 (Electrical Contractor)	\$21,100,000	01/03/2023
Boscacci, Inc. DBA Amp Electric	3164 Rolison Rd., Redwood City, CA, 94063	Hilda Boscacci	650-716-4884	hilda@ampelectricca.com	C-10 (Electrical Contractor)	\$860,000	12/10/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	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)	\$650,000	01/03/2023
Brady Air Conditioning, Inc.	338 No. Canal St., #5, So. San Francisco, CA, 94080	Fran Nelson	650-742-9640	Fran@bradyair.com	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-16 (Fire Protection Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	\$115,000	12/07/2022
BRCO CONSTRUCTORS, INC.	3650 Cincinnati Avenue, Rocklin, CA 95765	Matt Roth	916-253-9373	mroth@gobrco.com	A (General Engineering Contractor), B (General Building Contractor)	\$5,100,000	01/03/2023
Cal-Pacific Construction Inc	1009 Terra Nova Blvd. , Pacifica, CA, 94044	Kennedy Chan	650-557-1238 x109	kc@pacific888.com	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor)	\$4,700,000	11/19/2022
Calstate Construction, Inc.	4165 Business Center Drive Fremont CA 94538, [Enter City], CA, 00000	Amelia Rodriguez	510-657-1800	amelia@calstateci.com	A (General Engineering Contractor), B (General Building Contractor)	\$5,000,000	01/03/2023
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)	\$450,000	01/03/2023
Commercial Waterproofing Systems, Inc. dba ERC Roofing & Waterproofing	1630 Palm Street, Santa Ana, CA, 92701	Garrett Clark	714-667-6000	gclark@ercroofing.com	A (General Engineering Contractor), B (General Building Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	\$1,550,000	12/07/2022
Con J Franke Electric Inc	317 N. Grant Street, Stockton, CA 95202, CA, 95202	Lori Smith	209-462-0717	lori.smith@cjfranke.com	C-10 (Electrical Contractor)	\$4,800,000	01/03/2023
Cool Tech Mechanical, Inc.	1383 Laurel Street Unit A, San Carlos, CA, 94070	Dylan Zugar	888-471-8444	dzugar@cooltech-mech.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$	12/28/2022
Cratus, Inc.	945 Taraval Street, #302, San Francisco, CA, 94116	Michael Kirwan	415-939-2840	estimating@cratusinc.com	A (General Engineering Contractor), C-34 (Pipeline Contractor)	\$4,000,000	12/03/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
D. A. BENDER MECHANICAL, INC.	10135 Iron Rock Way, Elk Grove, CA, 95624	Patricia Bender	916-685-8521	pat@dabendermechanical.com	C-36 (Plumbing Contractor)	\$125,000	01/03/2023
DAN Electric	2990 Teagarden Street, San Leandro, CA, 94577	Vedran Michovich	510-351-7100	danelectric@comcast.net	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-15 (Flooring and Floor Covering Contractors)	\$875,000	12/03/2022
DDK Mechanical, Inc	5761 Florin-Perkins Rd #9, Sacramento, CA, 95828	Kenneth Seastrom	916-383-5190	office3ddk@sbcglobal.net	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	\$8,850,000	12/21/2022
Dowdle & Sons Mechanical, Inc.	100 Tower Road American Canyon CA 94503, American Canyon, CA, 94503	Shelley Dowdle	707-224-6968	shelley@dowdleandsonsmech.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)	\$8,700,000	12/17/2022
E F Brett & Company, Inc.	1 Commercial Blvd. Suite 203 Novato CA 94949	Sydney Redfearn	415-524-8351 x105	sydneyr@efbrett.com	A (General Engineering Contractor), B (General Building Contractor)	\$12,000,000	11/19/2022
Edward W. Scott Electric Co., Inc.	500 W. Ohio Ave, Richmond, CA, 94901	Abhinav Agrawal	415-206-7120	aagrawal@scottelectric.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	\$45,000,000	12/07/2022
Elite Earthworks & Engineering	19907 Temescal Canyon Road, Corona, CA, 92881	Mark Schwab	951-496-0305	Mark.s@elite-earthworks.com	A (General Engineering Contractor), C-21 (Building Moving/Demolition Contractor)	\$1,400,000	12/17/2022
Environmental Systems, Inc. of Northern California	3353 De La Cruz Blvd., Santa Clara, CA, 95054	Donna Nyblom	408-980-1711	dnyblom@esite.net	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-38 (Refrigeration Contractor)	\$4,550,000	11/19/2022
F&H Construction	1115 E. Lockeford Street, Lodi, CA 95240	Jeanette Ferrell	209-931-3738	jferrell@f-hconst.com	A (General Engineering Contractor), B (General Building Contractor)	\$13,500,000	12/07/2022
Fertado Heating and Air	2504 Verne Roberts Circle Suite 101, Antioch, CA, 94509	Becky Fertado	925-754-2730	Becky@fertadoheatandair.com and Courtney@fertadoheatandair.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	\$2,600,000	12/07/2022
FOOTHILL AIR CONDITIONING AND HEATING, INC.	17419 Farley Road West Los Gatos CA 95030	Steve Davies	408-395-2500	steve@foothillac.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-43 (Sheet Metal Contractor)	\$3,600,000	12/10/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Frank M. Booth, Inc.	4220 Douglas Blvd., Granite Bay, CA, 95746	Karen Lucci	916-878-3817	karenl@frankbooth.com	A (General Engineering Contractor), B (General Building 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), HAZ (Hazardous Substance Removal Certification)	\$33,000,000	12/17/2022
Galeb Paving, Inc.	12340 Saratoga Sunnyvale Road, Saratoga, CA, 95070	Lee Pellicciotti	408-253-4747	lee@galebpaving.com	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	\$6,850,000	12/07/2022
GCCI, INC.	PO Box 11039, Santa Rosa , CA, 95406	Brandon Gentry	707-545-2134	brandon@gcciinc.com	B (General Building Contractor)	\$11,500,000	12/03/2022
General Lighting Service, Inc.	306 Mathew Street, Santa Clara CA 95050	Christian Cusella	408-298-6670	connie@gls-inc.net	C-10 (Electrical Contractor)	\$2,800,000	12/03/2022
Golden Bay Fence Plus Iron works, Inc.	4104 South B Street, Stockton, CA, 96206	Paul Chavez	209-944-9754	smadrigal@goldenbayfence.com	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-13 (Fencing Contractor), C-23 (Ornamental Metal Contractor)	\$11,000,000	12/17/2022
Gonsalves and Stronck Construction Company Inc	1000 Washington Street, San Carlos, CA, 94070	Lori Eldredge	650-802-2960	leldredge@gs-construction.com	B (General Building Contractor)	\$16,000,000	12/03/2022
Grand Electric & Construction Co., Inc.	133 Tanforan Ave., San Bruno, CA, 94066	Samuel Lee	650-588-5678	sam@grandelec.com	C-10 (Electrical Contractor)	\$3,800,000	12/17/2022
Granite Rock Company	P O BOX 50001, Watsonville, CA 95077	Cindy Short	408-574-1400	estimating@graniterock.com	A (General Engineering Contractor), B (General Building Contractor), HAZ (Hazardous Substance Removal Certification), C-12 (Earthwork and Paving Contractors)	\$197,000,000	12/21/2022
H.A. Bowen Electric, Inc.	2055 Williams Street, San Leandro, CA, 94577	Amy Sifuentes	510-483-0500	amy@bowenelectric.com	C-10 (Electrical Contractor)	\$3,700,000	12/17/2022
Hydra Ventures, Inc. dba Cal Pacific Systems	50 Cypress Lane, Brisbane, CA 94005	Christina Gee	415-252-8600	christina.gee@calpacificsystems.com	C-36 (Plumbing Contractor), B (General Building Contractor), A (General Engineering Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$4,000,000	12/03/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
JUV INC	7901 OAKPORT STREET , SUITE 2700, OAKLAND, CA, 94621	VLADIMIR CHERNYAVSKIY	510-836-1300 x105	irina@juvinc.com	B (General Building Contractor)	\$2,230,000	12/07/2022
Kevin M Sullivan& Associates Inc.	431 N Buchanan Circle #2, Martinez , CA, 94553	Beverly Nunes	925-825-5625 x214	samantha@sullivanhvac.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-43 (Sheet Metal Contractor), C-36 (Plumbing Contractor)	\$205,000,000	01/03/2023
Kinetics Mechanical Service Inc.	6336 Patterson Pass Rd, Suite H, Livermore, CA, 94550	Minh Le	925-245-6200	mle@kms-inc.com	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor)	\$3,280,000	12/07/2022
Kodiak Union Roofing Services Inc.	8825 Washington Blvd, Roseville, CA, 95678	Maria Solis	916-253-1900	estimating@kodiakroofing.com	B (General Building Contractor), C-39 (Roofing Contractor)	\$18,900,000	12/17/2022
Landmark Modernization Contractors	4312 Anthony Court Suite B, Rocklin, CA 95677	Ellen Kelton	916-663-1953	ekelton@landmarkconst.net	A (General Engineering Contractor), B (General Building Contractor)	\$21,500,000	11/19/2022
Lathrop Construction Associates, Inc.	4001 Park Road Benicia CA 94510	Ricky J. Martellaro	707-746-8000	bids@lathropconstruction.com	B (General Building Contractor), A (General Engineering Contractor)	\$67,000,000	11/19/2022
MAGNETAR US INC	4319 N Brawley Ave, Fresno, CA, 93722	Greg Hardin	559-477-4137	greg.hardin@magnetar.us	B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	\$1,175,000	12/03/2022
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)	\$29,000,000	01/03/2023
Marquee Fire Protection, LLC	710 West Stadium Lane, Sacramento, CA, 95834	Theresa Gamble	916-641-7997	theresa.gamble@marqueefire.com	C-16 (Fire Protection Contractor)	\$4,660,000	12/10/2022
McClanahan Inc DBA Hartmanaire	12 Gardenia, Lake forest, CA, 92630	Cindy McClanahan	951-479-6855	info.hartmanaire@gmail.com	C-61 (Limited Specialty)	\$80,000	01/03/2023
Midstate Construction Corporation	1180 Holm Rd, Petaluma, CA, 94954	Mickale McChristian	707-762-3200	mickalem@midstateconstruction.co m	B (General Building Contractor)	\$8,700,000	12/03/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Milestone Contractors Inc. dba N.V. Heathorn Co.	1980 Olivera Rd. Suite C Concord, CA 94520	Stephanie Pedro	510-569-9100 x109	spedro@nvheathorn.com	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), B (General Building Contractor), A (General Engineering Contractor), C-2 (Insulation and Acoustical Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-21 (Building Moving/Demolition Contractor), C-34 (Pipeline Contractor), C-39 (Roofing Contractor), C-42 (Sanitation System Contractor), C-46 (Solar Contractor)	\$6,700,000	12/03/2022
MK Pipelines Inc	3708 bayshore blvd, brisbane, CA, 94005	Laura Kilbane	415-825-5000 x103	laurakilbane@mkpipelines.com	A (General Engineering Contractor), B (General Building Contractor)	\$1,150,000	01/03/2023
NMI Industrial Holdings, Inc.	8503 Weyand Ave, Sacramento, CA, 95828	Jed Shapiro	916-768-2952	jed.shapiro@nmiindustrial.com	A (General Engineering Contractor), C-51 (Structural Steel Contractor), C-11 (Elevator Contractor)	\$3,650,000	01/05/2023
O.C. Jones & Sons, Inc.	1520 Fourth St. Berkeley CA 94710, [Enter City], CA, 00000	Heidi Faria	510-809-3446	hfaria@ocjones.com	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	\$25,100,000	01/03/2023
O.C. McDonald Co., Inc.	1150 W. San Carlos St., San Jose, CA, 95126	Heidi Dunn	408-295-2182 x314	hdunn@ocmcdonald.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-42 (Sanitation System Contractor), C-43 (Sheet Metal Contractor)	\$5,400,000	12/17/2022
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)	\$1,675,000	01/03/2023
PacificWest Energy Solutions, Inc.	9250 Reseda Blvd #500, Northridge, CA 91324	Norma Evans	562-774-3210	nevans@pacificwestinc.com	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$6,500,000	12/17/2022
PCD	1032 Maxwell Drive, Santa Rosa, CA, 95401	Christian Velasquez	707-546-3633	bids@pcdinc.net	C-7 (Low Voltage Systems Contractor)	\$360,000	12/10/2022
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)	\$270,000	01/03/2023

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Pre Con Industries, Inc.	725 Oak Street, Santa Maria, CA, 93454	Yesenia Corona	805-345-3147	preconadmin@preconindustries.com	C-9 (Drywall Contractor), B (General Building Contractor)	\$4,800,000	12/17/2022
Presidential Fire Protection, Inc.	4517 Harlin Drive, Sacramento, CA, 95826	Fabian Robles	916-379-9199	Fabian@presidentialfireprotection.com	C-16 (Fire Protection Contractor)	\$390,000	12/10/2022
Preston Pipelines Infrastructure LLC	133 Bothelo Avenue, Milpitas, CA, 95691	Michelle Costanza	408-262-1418 x113	mcostanza@prestonpipelines.com	A (General Engineering Contractor), C-16 (Fire Protection Contractor), C-34 (Pipeline Contractor), C-42 (Sanitation System Contractor), HAZ (Hazardous Substance Removal Certification)	\$50,200,000	01/03/2023
R L H FIRE PROTECTION INC	446 Lindbergh Ave., Livermore, CA 94551	Dawn Fulton	925-243-1285	dfulton@rlhfp.com	C-16 (Fire Protection Contractor), C-10 (Electrical Contractor)	\$8,550,000	12/17/2022
R&M Paving Contractors Inc.	982 Ames Avenue, Ste. 202 Milpitas, CA, 95035	Jamie Corr	408-946-2974	admin@randmpaving.com	A (General Engineering Contractor)	\$2,200,000	12/17/2022
Radonich Corp DBA Cal Coast Telecom	886 Faulstich Court, San Jose, CA 95112	Marie Pernick	408-275-8888 x212	estimating@cctcom.net	C-7 (Low Voltage Systems Contractor)	\$5,750,000	12/21/2022
RC Benson & Sons Inc General Contractors	1959 Leghorn St, Suite A , Mountain View CA 94043, CA, 94043	Richard Benson	650-965-3430	rich@rcbensonsons.com	B (General Building Contractor)	\$1,400,000	12/17/2022
RK & Associates Inc DBA Escon Builders	29516 Union City Blvd, Union City, CA, 94587	Maricel Panga	510-475-1486	maricel@esconbuilders.com	B (General Building Contractor)	\$185,000	12/07/2022
Robert A. Bothman, Inc. DBA Robert A. Bothman Construction	2690 Scott Boulevard, Santa Clara, CA, 95050	Brian Bothman	408-279-2277	estimating@bothman.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-27 (Landscaping Contractor)	\$13,700,000	12/17/2022
Rodan Builders, Inc.	3486 Investment Blvd, Suite B, Hayward, CA 94545	Miriam Lacues	650-508-1700	mlacues@rodanbuilders.com	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor)	\$16,000,000	11/19/2022
Roebbelen Contracting, Inc.	1241 Hawks Flight Court, El Dorado Hills, CA 95762	Robert J. Kjome, Executive Vice President	916-939-4000	estimating@roebbelen.com	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-13 (Fencing Contractor)	\$34,355,000	01/03/2023
Roofing Constructors Inc dba Western Roofing Service	15002 Wicks Boulevard, San Leandro, CA, 94577	Yolanda Cazessus	510-686-4951	ycazessus@westroof.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor), ASB (Asbestos Certification), C-39 (Roofing Contractor)	\$3,000,000	12/07/2022
Sanpri Electric, Inc.	14548 Charmeran ave, San Jose, CA, 95124	Jose Sanchez	408-210-3741	sanprielectric@yahoo.com	C-10 (Electrical Contractor)	\$210,000	12/17/2022
Sausal Corporation	3550 Willow Pass Road Concord, CA 94519	Teena Singley	925-568-2200	tsingley@sausal.net	B (General Building Contractor)	\$13,660,059	11/19/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Selway Construction, Inc.	977 Feller Ave., San Jose, CA, 95127	Philip Selway	408-422-2162	phil@selwayconstruction.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	\$80,000	12/07/2022
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)	\$2,700,000	01/03/2023
Smith & Sons Electric, Inc.	44255 Old Warm Springs Blvd. Fremont, CA 94538	Charleen Lighthill	510-651-4994	charleen@smithandsonselectric.com	C-10 (Electrical Contractor)	\$4,100,000	12/07/2022
Smith Mechanical-Electrical-Plumbing	1340 W. Betteravia Road, Santa Maria, CA, 93455	Michael Brannon	805-621-5000	kcloud@smithmep.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-7 (Low Voltage Systems Contractor), C-9 (Drywall Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	\$13,500,000	12/07/2022
Southcoast Heating & Air Conditioning L.P.	2373 La Mirada Dr, Vista, CA, 92081	Michael Lepak	760-941-7000	szimmermann@amsosusa.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	\$475,000	12/03/2022
Southern Bleacher Company, Inc.	PO Box One Graham TX 76450	Carla Herndon	940-549-0733	herndon@southernbleacher.com	A (General Engineering Contractor)	\$9,500,000	12/17/2022
Stephen Ciari Plumbing and Heating, Inc.	1054 Elm St, San Jose, CA, 95126	Steve Ciari	408-296-6010	alena@ciariplumbing.com	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	\$4,000,000	12/03/2022
Strawn Construction, Inc.	1140 Pedro Street Suite 1, San Jose, CA, 95126	Randall Strawn	408-286-1299	mainoffice@scmdinc.com, estimating@scmdinc.com, rstrawn@scmdinc.com	B (General Building Contractor)	\$22,074,007	12/07/2022

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Swinerton Builders	2880 Lakeside Drive, Suite 300, Santa Clara, CA 95054	Rebecca Anicich	925-200-4628	rebecca.anicich@swinerton.com	A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-12 (Earthwork and Paving Contractors), C-5 (Framing and Rough Carpentry Contractor), C-2 (Insulation and Acoustical Contractor), C-9 (Drywall Contractor), C-8 (Concrete Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-33 (Painting and Decorating Contractor), C-23 (Ornamental Metal Contractor), C-29 (Masonry Contractor), C-39 (Roofing Contractor), C-50 (Reinforcing Steel Contractor), C-51 (Structural Steel Contractor), C-38 (Refrigeration Contractor), C-61 (Limited Specialty), C-6 (Cabinet, Millwork and Finish Carpentry Contractor), C-35 (Lathing and Plastering Contractor), C-36 (Plumbing Contractor), C-55 (Water Conditioning Contractor), C-42 (Sanitation System Contractor), ASB (Asbestos Certification), C-46 (Solar Contractor), C-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	\$540,000,000	01/03/2023
Trahan Mechanical, Inc dba Trahan Brothers	P.O. Box 10462 - San Rafael, CA 94912 - 60A Belvedere, San Rafael, CA, 94901	Patrick Trahan	415-457-5541	patrick@trahaninc.com	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	\$625,000	12/07/2022
Tri Valley Excavating Co Inc	po box 287, sunol, CA, 94586	Molly Galedrige	925-862-0708	msg@trivalleyx.com	A (General Engineering Contractor), B (General Building Contractor), C-12 (Earthwork and Paving Contractors), HAZ (Hazardous Substance Removal Certification)	\$500,000	12/07/2022
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)	\$450,000	12/03/2022
Urban Habitat	PO Box 1177, La Quinta, CA, 92247	Theresa Brennan	760-345-1101	theresa@myurbanhabitat.com	A (General Engineering Contractor), C-27 (Landscaping Contractor), C-61 (Limited Specialty)	\$1,550,000	12/07/2022
US National Corp dba Jimenez Painting Company	10205 San Fernando Rd, Pacoima, CA, 91331	Mary Martinez	818-686-2166	maryg@usnationalcorp.com	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	\$65,000	01/03/2023

Company	Address	Contact	Phone #	Email	License Classes	Approved For	Expires
Vanden Bos Electric, Inc.	502 Giuseppe Court #5, Roseville, CA 95678	Patrick Burke	916-773-1500	Pat@vdbelectric.com	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), B (General Building Contractor)	\$6,350,000	12/17/2022
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)	\$45,000	12/17/2022
West Communication Service, Inc dba Communication Service Co	3333 Soquel Drive Suite B, Soquel, CA, 95073	Petra Schreuer	831-476-9294 x102	petra.s@comserviceco.com	C-7 (Low Voltage Systems Contractor)	\$	12/17/2022
Wickman Development and Construction	5616 Mission St, San Francisco, CA, 94112	Jonathan Wickman	415-239-4500	wdcoffice2@wickmandev.com	A (General Engineering Contractor), B (General Building Contractor)	\$21,000,000	01/03/2023
Wilhite Electric Inc	337 Preston Ct, Livermore, CA, 94551	Troy Wilhite	925-443-7400	troy@wilhiteinc.com	C-10 (Electrical Contractor), B (General Building Contractor)	\$8,700,000	12/03/2022

SAN MATEO FOSTER CITY SCHOOL DISTRICT

Vendor List by License Category

Updated 01/07/2022 12:14 AM

License Category	Vendor Name	Vendor Address	Vendor Email	Vendor Phone	All Vendor License	DIR Number	License Number	Date Submitted
C-10 (Electrical Contractor)								
	Edward W. Scott Electric Co., Inc.	500 W. Ohio Ave, Richmond, CA, 94901	aagrawal@scottelectric.com	415-206-7120	A, B, C-10	1000005701	190426_	11/12/2021
	Golden Bay Fence Plus Iron works, Inc.	4104 South B Street, Stockton, CA, 96206	smadrigal@goldenbayfence.com	209-944-9754	A, B, C-10, C-13, C-23	1000000720	664905_	12/15/2021
	Smith Mechanical-Electrical-Plumbing	1340 W. Betteravia Road, Santa Maria, CA, 93455	kcloud@smithmep.com	805-621-5000	A, B, C-2, C-4, C-7, C-9, C-10, C-16, C-20,	1000001389	420418_	11/08/2021
	Bowen Engineering and Environmental	4664 S. Cedar Ave, Fresno, CA, 93725	office@bowendemo.com	559-233-7464	A, B, C-21, C-22, HAZ, ASB, C-10, C-16, C-4, C-10, C-16, C-20, C-23, C-36,	1000003520	816496_	12/14/2021
	Frank M. Booth, Inc.	4220 Douglas Blvd., Granite Bay, CA, 95746	karenl@frankbooth.com	916-878-3817	A, B, C-4, C-10, C-16, C-20, C-23, C-36,	1000000819	142219_	12/17/2021
	Swinerton Builders	2880 Lakeside Drive, Suite 300, Santa Clara, CA 95054	rebecca.anicich@swinerton.com	925-200-4628	A, B, C-4, C-12, C-5, C-2, C-9, C-8, C-16,	1000000296	92_____	12/23/2021
	DAN Electric	2990 Teagarden Street, San Leandro, CA, 94577	danelectric@comcast.net	510-351-7100	A, B, C-7, C-10, C-15	1000011671	786781_	11/22/2021
	Cal-Pacific Construction Inc	1009 Terra Nova Blvd. , Pacifica, CA, 94044	kc@pacific888.com	650-557-1238 x109	A, B, C-7, C-10, C-16, C-36	1000004756	830908_	11/12/2021
	B & M Builders Inc.	11330 Sunrise Park Drive, Suite C, Rancho Cordova, CA, 95690	estimating@bm-builders.com	916-638-8626	A, B, C-8, C-12, C-27, C-31, C-54, C-10,	1000003277	861848_	12/02/2021
	PacificWest Energy Solutions, Inc.	9250 Reseda Blvd #500, Northridge, CA 91324	nevans@pacificwestinc.com	562-774-3210	B, C-4, C-10, C-20	1000032854	888597_	12/15/2021
	MAGNETAR US INC	4319 N Brawley Ave, Fresno, CA, 93722	greg.hardin@magnetar.us	559-477-4137	B, C-7, C-10	1000004986	904637_	11/22/2021
	Smith & Sons Electric, Inc.	44255 Old Warm Springs Blvd. Fremont, CA 94538	charleen@smithandsonselectric.com	510-651-4994	C-10	1000000480	437138_	11/03/2021
	Atlas/Pellizzari Electric Inc	450 Howland St, Redwood City, CA, 94063	jimw@atlas-pellizzari.com	650-364-1204	C-10	1000000068	375862_	11/23/2021
	General Lighting Service, Inc.	306 Mathew Street, Santa Clara CA 95050	connie@gls-inc.net	408-298-6670	C-10	1000002926	466869_	11/30/2021
	Boscacci, Inc. DBA Amp Electric	3164 Rolison Rd., Redwood City, CA, 94063	hilda@ampelectricca.com	650-716-4884	C-10	1000000230	915178_	12/08/2021
	Sanpri Electric, Inc.	14548 Charmeran ave, San Jose, CA, 95124	sanprielectric@yahoo.com	408-210-3741	C-10	1000007024	828272_	12/15/2021
	Con J Franke Electric Inc	317 N. Grant Street, Stockton, CA 95202, CA, 95202	lori.smith@cjfranke.com	209-462-0717	C-10	1000000355	288366_	12/14/2021
	Grand Electric & Construction Co., Inc.	133 Tanforan Ave., San Bruno, CA, 94066	sam@grandelec.com	650-588-5678	C-10	1000003151	948360_	12/14/2021
	Bockmon & Woody Electric Co., Inc.	1528 El Pinal Drive, Stockton, CA, 95205	arlene@bockmonwoody.com	209-464-4878	C-10	1000002789	588308_	12/14/2021
	H.A. Bowen Electric, Inc.	2055 Williams Street, San Leandro, CA, 94577	amy@bowenelectric.com	510-483-0500	C-10	1000011864	384915_	12/17/2021
	Wilhite Electric Inc	337 Preston Ct, Livermore, CA, 94551	troy@wilhiteinc.com	925-443-7400	C-10, B	1000004549	820528_	11/17/2021
	Vanden Bos Electric, Inc.	502 Giuseppe Court #5, Roseville, CA 95678	Pat@vdbelectric.com	916-773-1500	C-10, C-7, B	1000000279	627898_	12/15/2021

R L H FIRE PROTECTION INC	446 Lindbergh Ave., Livermore, CA 94551	dfulton@rlhfp.com	925-243-1285	C-16, C-10	1000003109	777717_	12/14/2021
Milestone Contractors Inc. dba N.V. Heathorn Co.	1980 Olivera Rd. Suite C Concord, CA 94520	spedro@nvheathorn.com	510-569-9100 x109	C-4, C-20, C-36, C-38, C-43, B, A, C-2,	1000000195	761659_	11/30/2021
3D Datacom dba 3D Technology Services	195 Contractors St., Livermore, CA, 94551	dboyle@3ddatacom.com	925-455-1884	C-7, C-10, B	1000000172	757157_	11/18/2021

C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)

Smith Mechanical-Electrical-Plumbing	1340 W. Betteravia Road, Santa Maria, CA, 93455	kcloud@smithmep.com	805-621-5000	A, B, C-2, C-4, C-7, C-9, C-10, C-16, C-20,	1000001389	420418_	11/08/2021
Bobo Construction, Inc.	9722 Kent Street, Suite A, Elk Grove, CA, 95624	cbobo@boboconstructioninc.com	916-383-7777	A, B, C-20, C-43, C-61, C-8, C-36	1000000906	183537_	12/01/2021
Frank M. Booth, Inc.	4220 Douglas Blvd., Granite Bay, CA, 95746	karenl@frankbooth.com	916-878-3817	A, B, C-4, C-10, C-16, C-20, C-23, C-36,	1000000819	142219_	12/17/2021
Swinerton Builders	2880 Lakeside Drive, Suite 300, Santa Clara, CA 95054	rebecca.anicich@swinerton.com	925-200-4628	A, B, C-4, C-12, C-5, C-2, C-9, C-8, C-16,	1000000296	92_	12/23/2021
Dowdle & Sons Mechanical, Inc.	100 Tower Road American Canyon CA 94503, American 1150 W. San Carlos St., San Jose, CA, 95126	shelley@dowdleandsonsmec h.com	707-224-6968	A, B, C-4, C-20, C-36	1000000606	542743_	12/13/2021
O.C. McDonald Co., Inc.	722 Soscol Ave, Napa, CA, 94559	hdunn@ocmcdonald.com	408-295-2182 x314	A, B, C-4, C-20, C-36, C-42, C-43	1000002885	177271_	12/17/2021
Bell Products, Inc.	722 Soscol Ave, Napa, CA, 94559	gmassolo@bellproducts.com	707-255-1811	A, B, C-4, C-20, C-36, C-43	1000000656	171534_	12/16/2021
B & M Builders Inc.	11330 Sunrise Park Drive, Suite C, Rancho Cordova, CA, 95670	estimating@bm-builders.com	916-638-8626	A, B, C-8, C-12, C-27, C-31, C-54, C-10,	1000003277	861848_	12/02/2021
AGC INC	745-B Camden Ave, Campbell, CA, 95008	randy@agcinc.com	408-637-1135	B, C-20, C-36	1000009148	780352_	11/15/2021
Kinetics Mechanical Service Inc.	6336 Patterson Pass Rd, Suite H, Livermore, CA, 94550	mle@kms-inc.com	925-245-6200	B, C-20, C-36, C-38	1000000218	753650_	12/02/2021
DDK Mechanical, Inc	5761 Florin-Perkins Rd #9, Sacramento, CA, 95828	office3ddk@sbcglobal.net	916-383-5190	B, C-20, C-36, C-43	1000002411	855723_	12/20/2021
PacificWest Energy Solutions, Inc.	9250 Reseda Blvd #500, Northridge, CA 91324	nevans@pacificwestinc.com	562-774-3210	B, C-4, C-10, C-20	1000032854	888597_	12/15/2021
Environmental Systems, Inc. of Northern California	3353 De La Cruz Blvd., Santa Clara, CA, 95054	dnyblom@esite.net	408-980-1711	B, C-4, C-36, C-20, C-43, C-38	1000001175	422478_	11/18/2021
Airteks.com, Inc	2432 ARMSTRONG ST, Livermore, CA, 94551	bids@airteks.com	925-292-0148	C-20	1000021863	930172_	11/08/2021
Southcoast Heating & Air COnditioning L.P.	2373 La Mirada Dr, Vista, CA, 92081	szimmermann@amsosusa.com	760-941-7000	C-20	1000373877	1052849	11/15/2021
ACH Mechanical Contractors, Inc.	411 Business Center Court, Redlands, CA, 92373	amandas@achmechanical.com	909-307-2850	C-20	1000003396	780560_	12/14/2021
Cool Tech Mechanical, Inc.	1383 Laurel Street Unit A, San Carlos, CA, 94070	dzugar@cooltech-mech.com	888-471-8444	C-20	1000364551	1046072	12/17/2021
FOOTHILL AIR CONDITIONING AND Kevin M Sullivan & Associates Inc.	17419 Farley Road West Los Gatos CA 95030	steve@foothillac.com	408-395-2500	C-20, B, C-43	1000000433	363862_	12/08/2021
Trahan Mechanical, Inc dba Trahan Brothers	431 N Buchanan Circle #2, Martinez, CA, 94553	samantha@sullivanhvac.com	925-825-5625 x214	C-20, C-4, C-43, C-36	1000003161	887975_	12/29/2021
Fertado Heating and Air	P.O. Box 10462 - San Rafael, CA 94912 - 60A Belvedere, 2504 Verne Roberts Circle	patrick@trahaninc.com	415-457-5541	C-20, C-43	1000006155	774154_	11/05/2021
Hydra Ventures, Inc. dba Cal Pacific Systems	Suite 101, Antioch, CA, 94509	Becky@fertadoheatandair.com and christina.gee@calpacificsystems.com	925-754-2730	C-20, C-43	1000016505	792474_	11/15/2021
	50 Cypress Lane, Brisbane, CA 94005		415-252-8600	C-36, B, A, C-20	1000004768	924244_	11/10/2021

C-36 (Plumbing Contractor)

Smith Mechanical-Electrical-Plumbing	1340 W. Betteravia Road, Santa Maria, CA, 93455	kcloud@smithmep.com	805-621-5000	A, B, C-2, C-4, C-7, C-9, C-10, C-16, C-20,	1000001389	420418_	11/08/2021
Bobo Construction, Inc.	9722 Kent Street, Suite A, Elk Grove, CA, 95624	cbobo@boboconstructioninc.com	916-383-7777	A, B, C-20, C-43, C-61, C-8, C-36	1000000906	183537_	12/01/2021
Marina Landscape, Inc.	3707 W Garden Grove Blvd, Orange, CA, 92868	estimator@marinaco.com	714-939-6600 x485	A, B, C-27, C-36, C-61, C-29	1000000079	492862_	11/15/2021
Frank M. Booth, Inc.	4220 Douglas Blvd., Granite Bay, CA, 95746	karenl@frankbooth.com	916-878-3817	A, B, C-4, C-10, C-16, C-20, C-23, C-36,	1000000819	142219_	12/17/2021
Swinerton Builders	2880 Lakeside Drive, Suite 300, Santa Clara, CA 95054	rebecca.anicich@swinerton.com	925-200-4628	A, B, C-4, C-12, C-5, C-2, C-9, C-8, C-16,	1000000296	92_____	12/23/2021
Dowdle & Sons Mechanical, Inc.	100 Tower Road American Canyon CA 94503, American 1150 W. San Carlos St., San Jose, CA, 95126	shelley@dowdleandsonsmec.h.com	707-224-6968	A, B, C-4, C-20, C-36 A, B, C-4, C-20, C-36, C-42, C-43	1000000606	542743_	12/13/2021
O.C. McDonald Co., Inc.	722 Soscol Ave, Napa, CA, 94559	hdunn@ocmcdonald.com	408-295-2182 x314	A, B, C-4, C-20, C-36, C-43	1000002885	177271_	12/17/2021
Bell Products, Inc.	1009 Terra Nova Blvd. , Pacifica, CA, 94044	gmassolo@bellproducts.com	707-255-1811	A, B, C-4, C-20, C-36, C-43	1000000656	171534_	12/16/2021
Cal-Pacific Construction Inc	745-B Camden Ave, Campbell, CA, 95008	kc@pacific888.com	650-557-1238 x109	A, B, C-7, C-10, C-16, C-36	1000004756	830908_	11/12/2021
AGC INC	6336 Patterson Pass Rd, Suite H, Livermore, CA, 94550	randy@agcinc.com	408-637-1135	B, C-20, C-36	1000009148	780352_	11/15/2021
Kinetics Mechanical Service Inc.	5761 Florin-Perkins Rd #9, Sacramento, CA, 95828	mle@kms-inc.com	925-245-6200	B, C-20, C-36, C-38	1000000218	753650_	12/02/2021
DDK Mechanical, Inc	3353 De La Cruz Blvd., Santa Clara, CA, 95054	office3ddk@sbcglobal.net	916-383-5190	B, C-20, C-36, C-43 B, C-4, C-36, C-20, C-43, C-38	1000002411	855723_	12/20/2021
Environmental Systems, Inc. of Northern California	431 N Buchanan Circle #2, Martinez , CA, 94553	dnyblom@esite.net	408-980-1711	C-20, C-4, C-43, C-36	1000001175	422478_	11/18/2021
Kevin M Sullivan & Associates Inc.	10135 Iron Rock Way, Elk Grove, CA, 95624	samantha@sullivanhvac.com	925-825-5625 x214	1000003161	887975_	12/29/2021	
D. A. BENDER MECHANICAL, INC.	50 Cypress Lane, Brisbane, CA 94005	pat@dabendermechanical.com	916-685-8521	C-36	1000001518	673938_	12/28/2021
Hydra Ventures, Inc. dba Cal Pacific Systems	1054 Elm St, San Jose, CA, 95126	christina.gee@calpacificsystems.com	415-252-8600	C-36, B, A, C-20	1000004768	924244_	11/10/2021
Stephen Ciari Plumbing and Heating, Inc.	1980 Olivera Rd. Suite C Concord, CA 94520	alena@ciariplumbing.com	408-296-6010	C-4, C-20, C-36 C-4, C-20, C-36, C-38, C-43, B, A, C-2, C-4, C-20, C-36, C-43, B	1000003021	828351_	11/30/2021
Milestone Contractors Inc. dba N.V. Heathorn Co.	870 Harbour Way South Richmond , Ca 94804	spedro@nvheathorn.com	510-569-9100 x109	C-4, C-20, C-36, C-16, C-4	1000000195	761659_	11/30/2021
Bay City Mechanical, Inc.	338 No. Canal St., #5, So. San Francisco, CA, 94080	Sarahi@baycitymech.com	510-233-7000	1000007529	645126_	12/10/2021	
Brady Air Conditioning, Inc.		Fran@bradyair.com	650-742-9640	1000000975	585882_	12/01/2021	



January 06, 2022

Aedis Architects
387 S. First St., Suite 300
San Jose, CA 95113

Subject: Abbott Middle School HVAC Replacement
San Mateo - Foster City School District
Aedis Project No. 2021005.06
DSA Application #01-119556

ADDENDUM NO. 4

CHANGES AND/OR CLARIFICATIONS OF THE DRAWINGS AND SPECIFICATIONS ARE AS FOLLOWS:

GENERAL

ITEM NO. 4.1: REFERENCE PLANS

Add: Campus utility plans for reference only, per attached C4.1 Gymnasium Building Utility Plan and E1.1 Gymnasium Building Electrical Site Plan Lower Level.

DRAWINGS

ITEM NO. 4.2: DRAWING SHEET MP0.02 – SCHEDULES – MECHANICAL

Revise: Packaged Rooftop Air Conditioning Units Schedule notes, per attached AD4-MP0.02.

Add: Packaged Rooftop Air Conditioning Unit Schedule note 6, per attached AD4-MP0.02.

Clarification: Clarifying Packaged Rooftop Air Conditioning Schedule note 5, owner will furnish parts outlined in table below, beginning on next page. Contractor to provide all other contract requirements and parts and labor as required for complete installation.

ADDENDUM NO. 4

01/06/2022

Abbott Middle School HVAC Replacement
 San Mateo – Foster City School District
 Aedis Project No. 2021005.06

Mark For	Qty	Model Number	Description
AC-2,3,4,5	4	48JCEV05A3M5-3A4N0	4 Ton Rooftop Packaged Unit The following items are included: • Voltage: 208-230/3/60 • Refrigerant Options: Variable Stage Cooling • Unit Size: 4 Tons (05) • Heat Size: Medium Gas Heat • Packaging Options: Standard • Service Options: Hinged Panel - UnPow Conv Outl • Indoor Fan Options: High Static, Vertical Supply, • Coil Options: Al/Cu - Al/Cu - Louvered Hg • Electrical Options: Phase Monitor/ Protection • Base Unit Controls: SystemVu Controller • Factory Start-Up & First Year Labor
AC-1,6,7	3	48JCEV06A3M5-3A4N0	5 Ton Rooftop Packaged Unit The following items are included: • Voltage: 208-230/3/60 • Refrigerant Options: Variable Stage Cooling • Unit Size: 5 Tons (06) • Heat Size: Medium Gas Heat • Packaging Options: Standard • Service Options: Hinged Panel - UnPow Conv Outl • Indoor Fan Options: High Static, Vertical Supply, • Coil Options: Al/Cu - Al/Cu - Louvered Hg • Electrical Options: Phase Monitor/ Protection • Base Unit Controls: SystemVu Controller • Factory Start-Up & First Year Labor
	7		Flue Discharge Deflector (Field Installed)
	7		Ultra Low Leak Down Discharge Belimo Only Economizer (Field Installed)
	1	E-COAT	E-Coated Condenser & Evaporator Coils (All Units)

ITEM NO. 4.3: DRAWING SHEET MP0.03 – SCHEDULES – MECHANICAL

Revise: Gas Fired Furnace Schedule notes, per attached AD4-MP0.02.

Revise: Cooling Coils Schedule notes, per attached AD4-MP0.02.

Revise: Condensing Unit Schedule notes, per attached AD4-MP0.02.

Add: Gas Fired Furnace Schedule note 5 added, as shown clouded on AD4-MP0.03.
 Clarifying Gas Fired Furnace Schedule note 5, Owner will furnish parts outlined in table below. Contractor to provide all other contract requirements and parts and labor as required for complete installation.

Mark For	Qty	Model Number	Description
SPL-13-14	2	59TN6B120C24--22	120 MBH 96% AFUE Infinity Series Gas Furnace
SPL-13-14	2		Hard Start Kit (Field Installed)
SPL-13-14	2		Acid Neutrilizer Kit (Field Installed)
SPL-13-14	2		Cocentric Vent Kit (Field Installed)
SPL-A-D	4	58TP1A090V21--20	120 MBH 96% AFUE Infinity Series Gas Furnace
SPL-A-D	4		Hard Start Kit (Field Installed)
SPL-E	1	58TP1A090V21--20	120 MBH 96% AFUE Infinity Series Gas Furnace
SPL-E	1		Hard Start Kit (Field Installed)
	7	ECD-SRT12CB-D0DB-4	Ultra Low Leak Down Discharge Belimo Only Economizer (Field Installed)
	7	ACE2020-6	Filter Box (Field Installed)

ADDENDUM NO. 4

01/06/2022

Abbott Middle School HVAC Replacement
 San Mateo – Foster City School District
 Aedis Project No. 2021005.06

Add: Cooling Coil Schedule note 2 added, as shown clouded on AD4-MP0.03. Clarifying Cooling Coil Schedule note 2, Owner will furnish parts outlined in table below. Contractor to provide all other contract requirements and parts and labor as required for complete installation.

Mark For	Qty	Model Number	Description
SPL-13-14	2	CNPVP6024ALA	5 Ton Vertical Cased Evaporator Coil
SPL-A-D	4	CNPHP4821ALA	4 Ton Horizontal Cased Evaporator Coil
SPL-E	1	CNPHP4821ALA	4 Ton Horizontal Cased Evaporator Coil

Add: Condensing Unit Schedule note 2 added, as shown clouded on AD4-MP0.03. Clarifying Condensing Unit Schedule note 2, Owner will furnish parts outlined in table below. Contractor to provide all other contract requirements and parts and labor as required for complete installation.

Mark For	Qty	Model Number	Description
SPL-13-14	2	24ACB760A003	5 Ton Infinity Series 2 Stage Condenser 17 SEER
SPL-A-D	4	24ACB748A003	4 Ton Infinity Series 2 Stage Condenser 17 SEER
SPL-E	1	24ACB736A003	4 Ton Infinity Series 2 Stage Condenser 17 SEER
SPL-13-14	2	24ACB760A003	5 Ton Infinity Series 2 Stage Condenser 17 SEER

ADDENDUM NO. 4

01/06/2022

Abbott Middle School HVAC Replacement
San Mateo – Foster City School District
Aedis Project No. 2021005.06



Aedis Architects
Thang Do, Principal



Mechanical, Cypress Engineering Group
Metin Serttunc

Division of the State Architect

ADDENDUM NO. 4

01/06/2022

Abbott Middle School HVAC Replacement
San Mateo – Foster City School District
Aedis Project No. 2021005.06

Attachments:

General:

C4.1 Gymnasium Building Utility Plan (1 page)

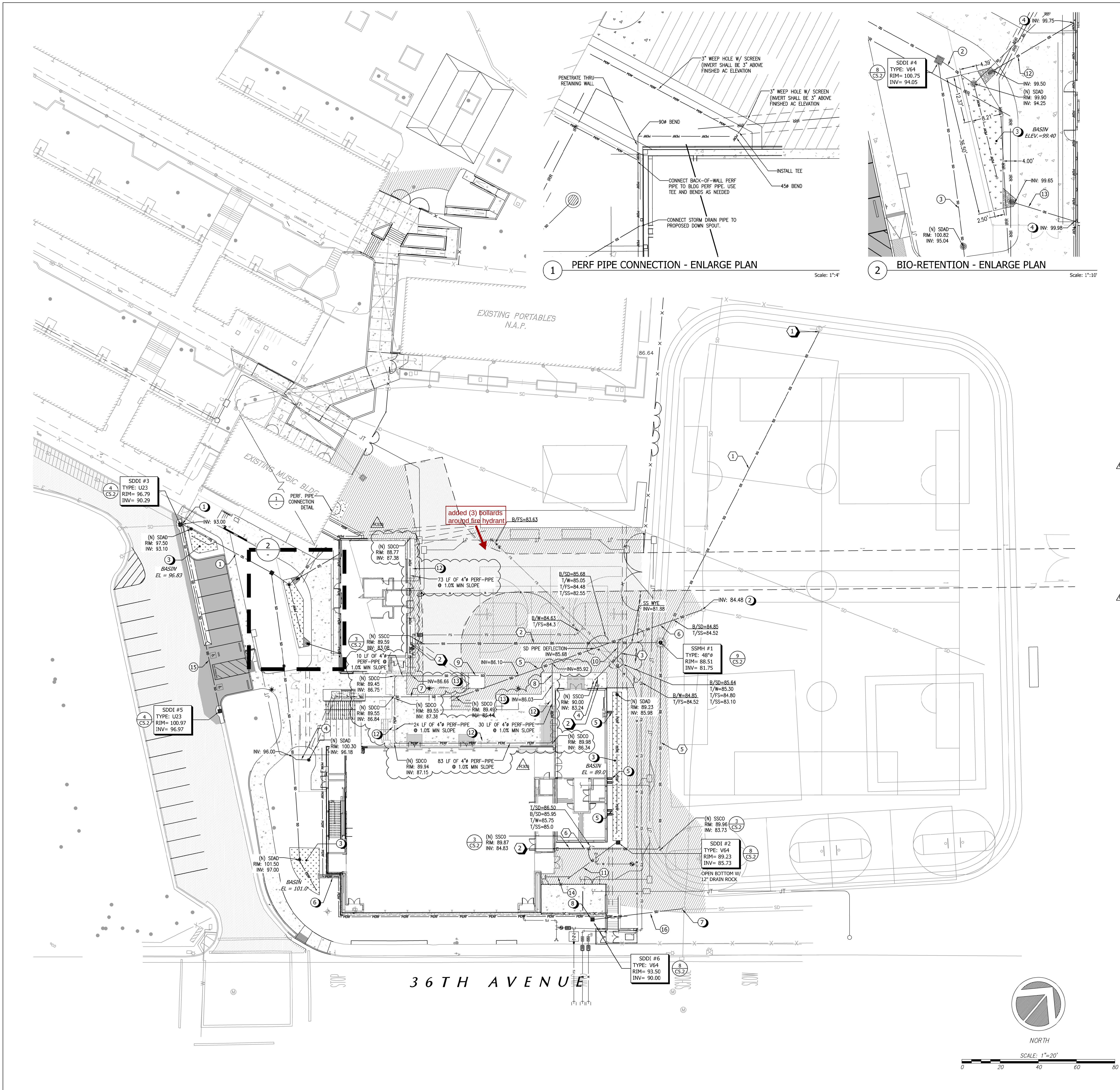
E1.1 Gymnasium Building Electrical Site Plan Lower Level (1 page)

Drawing:

MECHANICAL:

SHEET AD4-MP0.02

SHEET AD4-MP0.03



UTILITY NOTE

UTILITIES SHOWN HEREON ARE BASED ON SURFACE OBSERVATIONS AND STANDARD ELECTROMAGNETIC LOCATING (EML) METHODS. A DILIGENT EFFORT WAS MADE TO FIND AND MAP ANY AND ALL UNDERGROUND UTILITIES; HOWEVER, DUE TO TECHNICAL REASONS, NO GUARANTEE, EXPRESSED OR IMPLIED, CAN BE MADE. CONTRACTOR SHALL USE APPROPRIATE MEANS TO PERFORM THEIR WORK WITHOUT DAMAGE TO EXISTING UTILITIES.

SANITARY SEWER NOTES

- P.O.C. TO (E)ONSITE SEWER SYSTEM, CONTRACTOR SHALL POTHOLE TO VERIFY EXACT LOCATION, DEPTH, SIZE & MATERIAL OF (E) SS MAIN PRIOR TO CONSTRUCTION. CONTRACTOR SHALL INSTALL INTERNAL DROP TO EXISTING MANHOLE.
- P.O.C. TO BLDG SERVICE.

SANITARY SEWER PIPE DATA

- 183 LF OF 6" PVC SDR-35 @ 1.5% SLOPE
- 131 LF OF 6" PVC SDR-35 @ 1.0% SLOPE MIN.
- 27 LF OF 6" PVC SDR-35 @ 5.0% SLOPE
- 5 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 149 LF OF 6" PVC SDR-35 @ 1.3% SLOPE
- 66 LF OF 6" PVC SDR-35 @ 2.0% SLOPE

GENERAL WATER NOTE

- REFER TO SHEET C4.2 FOR PROPOSED DOMESTIC AND FIRE DESIGN AND IRRIGATION P.O.C.

STORM DRAIN NOTES

- P.O.C. TO (E)STORM DRAIN SYSTEM, CONTRACTOR TO REMOVE (E) INLET & REPLACE W/ (N) CURB INLET.
- P.O.C. TO (E) 24" STORM DRAIN PIPE @ SDDI, CONTRACTOR TO VERIFY EXACT LOCATION & DEPTH PRIOR TO CONSTRUCTION. INV. = 84.48'
- BIO-RETENTION AREA
- ROOF DRAIN DISCHARGE CONNECTION
- CONCRETE SPLASH BLOCK
- RIP-RAP
- P.O.C. TO (E) SDDI, CONTRACTOR TO VERIFY EXACT LOCATION & DEPTH PRIOR TO CONSTRUCTION. INV. = 86.07'
- CONNECT TO BACK-OF-WALL DRAINAGE (REFER TO STRUCTURAL PLANS)
- P.O.C. TO (E) SDMH, CONTRACTOR TO VERIFY EXACT LOCATION & DEPTH PRIOR TO CONSTRUCTION. INVERT ELEVATIONS VARY FROM 79.80'-82.80'.
- ACO TRENCH DRAIN - KLASSIKDRAIN K100 (SEE DETAIL 13, SHEET C5.2)
- ACO TRENCH DRAIN - KLASSIKDRAIN K901G IN-LINE CATCH BASIN
- FRENCH DRAIN (SEE DETAIL 14, SHEET C5.2)
- PERF-PIPE CONNECTION TO SOLID PIPE

STORM DRAIN PIPE DATA

- 54 LF OF 10" PVC SDR-35 @ 2.0% SLOPE
- 10 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 152 LF OF 12" PVC SDR-35 @ 1.0% SLOPE
- 9 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 76 LF OF 6" PVC SDR-35 @ 1.0% SLOPE
- 60 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 66 LF OF 6" PVC SDR-35 @ 1.0% SLOPE
- 12 LF OF 6" PVC SDR-35 @ 1.0% SLOPE
- 56 LF OF 6" PVC SDR-35 @ 1.0% SLOPE
- 30 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 32 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 25 LF OF 4" PVC SDR-35 @ 1.0% SLOPE
- 17 LF OF 4" PVC SDR-35 @ 2.0% SLOPE
- 14 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 98 LF OF 8" PVC SDR-35 @ 6.7% SLOPE
- 47 LF OF 6" PVC SDR-35 @ 2.0% SLOPE
- 15 LF OF 6" PVC SDR-35 @ 2.0% SLOPE

LEGEND

FENCE	---
(E) BLDG OVERHANG	---
SCORE JOINT	---
EXPANSION JOINT	---
CONTROL JOINT	---
RETAINING WALL	---
RAIL FENCE (SEE ARCH PLANS)	---

UTILITY LINES	
(E) ELECTRIC	E
(E) GAS	GAS
(E) OVERHEAD	OH
(E) STORM DRAIN	SD
(E) SANITARY SEWER	SS
(E) TELEPHONE	T
(E) WATER	W
ELECTRIC	E
GAS	GAS
OVERHEAD	OH
STORM DRAIN	SD
SANITARY SEWER	SS
TELEPHONE	T
WATER	W
FIRE SUPPRESSION	FS

CAW
ARCHITECTS

455 LAMBERT AVENUE PALO ALTO, CA 94305
WWW.CAWARCHITECTS.COM • (650) 328-1818 • FAX: (650) 328-1818

STAMP



CONSULTANTS



C2C/CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
4444 Scotts Valley Drive / Ste 6
Scotts Valley, CA 95066
T (831) 438-4420 F (831) 438-9829

△ MILESTONE	DATE
DSA BACKCHECK	12/19/18
RFI# 081	06.12.2019
BULLETIN #06	07.12.2019
RFI# 099	07.17.2019
RFI# 100	07.17.2019
RFI# 99R1	07.19.2019
BULLETIN 9	08.08.2019
RFI #132	08.26.2019
RFI #119	08.29.2019
RFI #175	10.29.2019
RFI #222	01.10.2020
RFI #225	01.28.2020
RFI #242	03.05.2020
RFI #246	03.11.2020
RFI #284	06.17.2020
RFI #297	06.29.2020
RFI #303	10.27.2020

PROJECT NAME

SMFCSD
ABBOTT MIDDLE SCHOOL
GYMNASIUM BLDG
CLASSROOM BLDG
CAMPUS SITE WORK

PROJECT ADDRESS

600 36TH AVE.
SAN MATEO, CA 94403

DSA NO. 01-117407

SHEET TITLE

GYMNASIUM BUILDING
UTILITY PLAN

APPROVAL STAMP

APPROVED	
DIVISION OF THE STATE ARCHITECT	
APPL. 01-117407	
ACS	FLS
DATE	

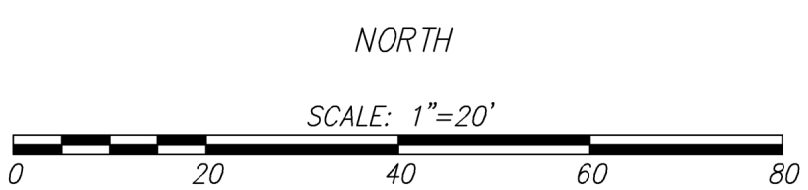
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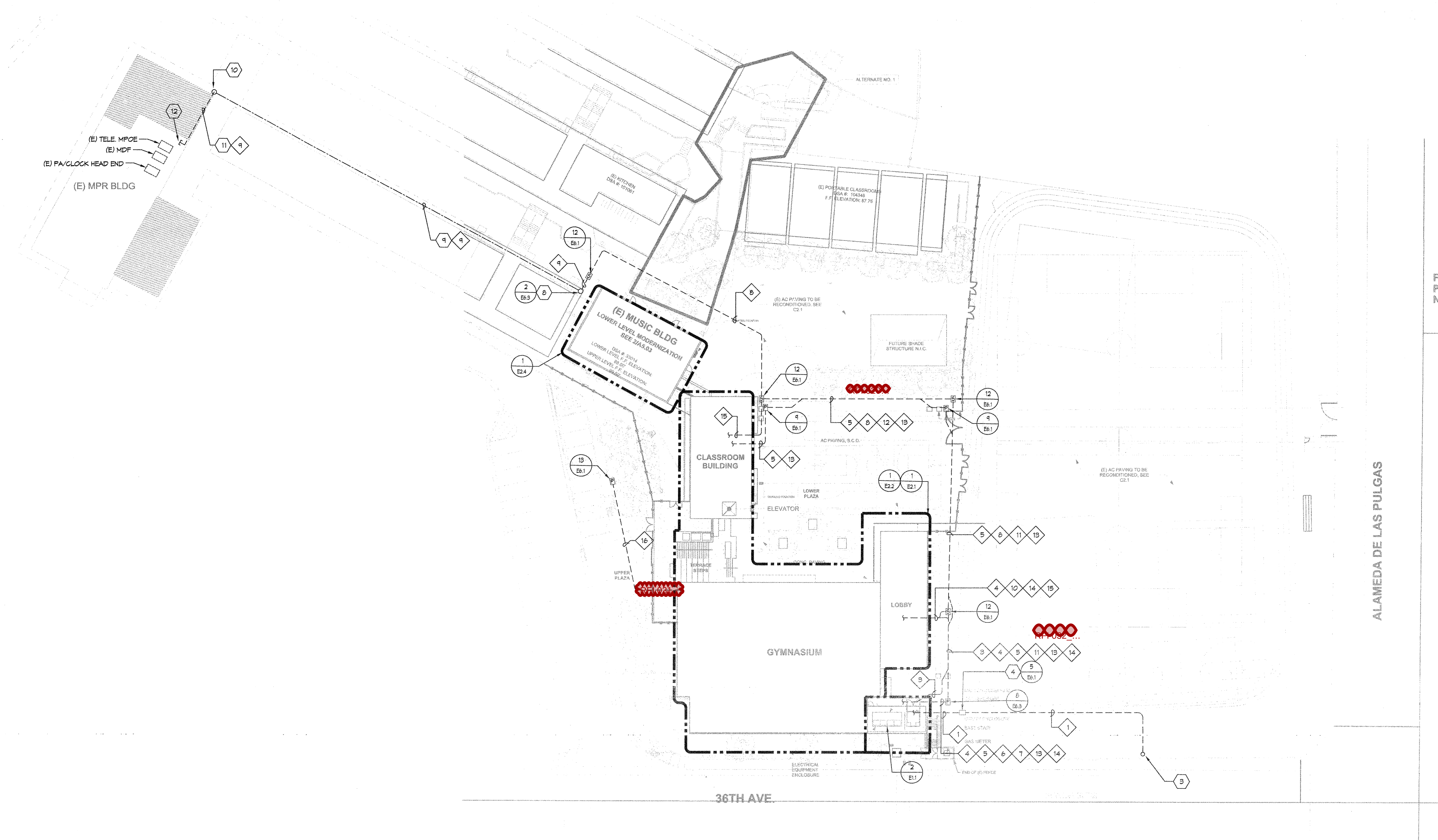
DRAWN BY DD / BH

CHECKED BY TRC

SHEET

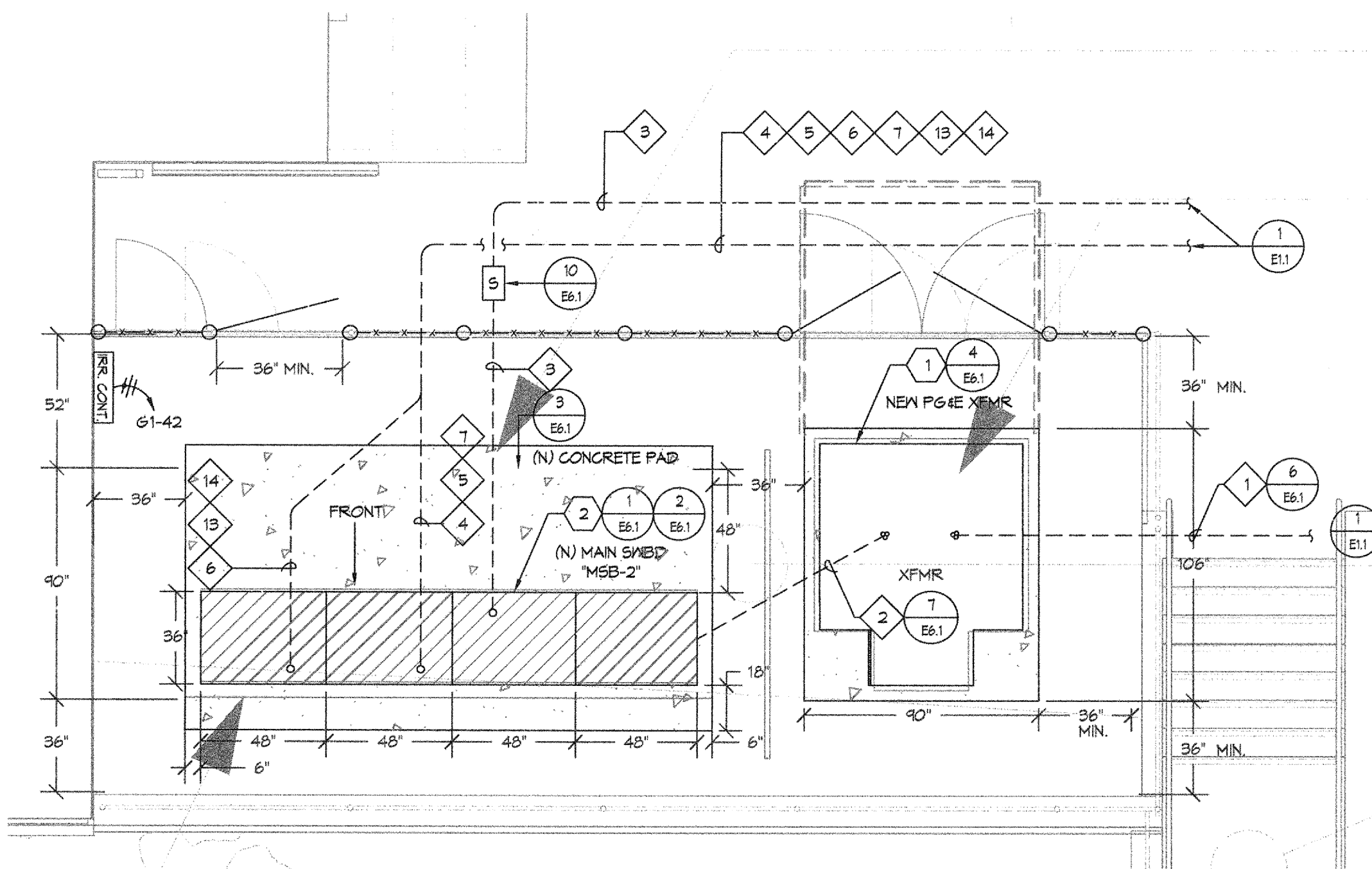
C4.1





1 ELECTRICAL SITE PLAN (LOWER LEVEL)

E1.1 SCALE: 1" = 30'-0"



2 ELECTRICAL SITE PLAN (LOWER LEVEL)

E1.1 SCALE: 1/4" = 1' - 0"

GENERAL NOTES:

- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SAW CUTTING AND REMOVAL OF EXISTING SURFACES TO FACILITATE UNDERGROUND SYSTEMS. THE CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED AND CUT SURFACES TO MATCH ADJACENT.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS. WHERE NEW TRENCH WORK OCCURS PRIOR TO BIDDING, CONTRACTOR SHALL TAKE PROPER PRECAUTIONS TO ENSURE EXISTING UNDERGROUND SYSTEMS/CONDUITS/PIPES ARE NOT DAMAGED DURING INSTALLATION. CONTRACTOR IS RESPONSIBLE FOR ANY REPAIRS REQUIRED IN THE EVENT THE EXISTING UNDERGROUND SYSTEMS ARE DAMAGED AS A RESULT OF THE NEW ELECTRICAL TRENCH WORK.
- ALL ON SITE TRENCH SHALL BE INSTALLED PER 8/E6.1.
- CONDUIT TRANSITION FROM BELOW GRADE SHALL BE INSTALLED PER 2/E6.3.
- SEE SINGLE LINE DIAGRAM FOR POWER CABLING AND CONDUIT REQUIREMENTS.
- IN-GRADE BOXES SHOWN SHALL BE 30"x48" TRAFFIC RATED BOX(12/E6.1), UNLESS OTHERWISE NOTED.
- SEE FIRE ALARM FLOOR PLANS AND ELECTRICAL FLOOR PLANS FOR ADDITIONAL REQUIREMENTS.
- THE CONTRACTOR SHALL HANDREL THROUGH THE ENTIRE PG&E CONDUIT SYSTEM, COORDINATE WITH PG&E FOR ADDITIONAL REQUIREMENTS AND PROCEDURES.
- ENCLOSURE AROUND THE PG&E TRANSFORMER AND PAD SHALL COMPLY WITH THE CLEARANCE REQUIREMENTS FOR THE PG&E GREEN BOOK.
- REFER TO PG&E SUBSTRUCTURE PACKAGE FOR ADDITIONAL REQUIREMENTS.
- FENCE GROUNDS DETAIL SHALL BE PER DETAIL 1/E6.2.

RFI 182_Electrical Vault Sizing...

SHEET NOTES:

- NEW PG&E TRANSFORMER AND NEW 106"x90" CONCRETE PAD. CONTRACTOR TO COORDINATE WITH PG&E SUBSTRUCTURE PACKAGE PRIOR TO INSTALLING NEW CONCRETE PAD. THE CONTRACTOR SHALL INSTALL CONCRETE PAD AS REQUIRED BY PG&E SUBSTRUCTURE PACKAGE AND PG&E INSPECTORS REQUIREMENTS.
- NEW 208/120V, 2000A MAIN SWITCHBOARD WITH METER. PROVIDE MINIMUM 4' CLEARANCE IN FRONT OF THE MAIN SWITCHBOARD. EXACT MAIN SWITCHBOARD PAD SIZE SHALL BE COORDINATED DURING CONSTRUCTION.
- ROUTE CONDUIT AND CONNECT TO NEW UTILITY POLE. COORDINATE WITH PG&E FOR REQUIREMENTS.
- NEW 3'x5' IN-GRADE PG&E UTILITY BOX. PROVIDE PER PG&E REQUIREMENTS.
- NEW 3'x5' ELECTRICAL IN-GRADE PULL BOX.
- NEW IN-GRADE SIGNAL PULL BOX. LABEL LID "SIGNAL". LID SHALL BE TRAFFIC RATED.
- NEW IN-GRADE POWER PULL BOX. LABEL LID "POWER". LID SHALL BE TRAFFIC RATED.
- TRANSITION CONDUIT FROM UNDERGROUND TO ABOVE GRADE. ROUTE TO BELOW CANOPY.
- ROUTE CONDUITS ON THE UNDERSIDE OF THE BUILDING CANOPY. UTILIZE EXISTING U CHANNEL SUPPORTS UNDER CANOPY FOR ROUTING.
- TRANSITION FROM BUILDING'S CANOPY AND PENETRATE CONDUITS INTO THE BOILER ROOM BELOW.
- ROUTE CONDUITS EXPOSED THROUGH THE BOILER ROOM.
- STUB CONDUITS IN THE MDF ROOM LOCATED AT THE BASEMENT. PROVIDE END BUSHINGS FOR PROTECTION.

CONDUIT SCHEDULE:

- NEW (2) 4" CO - PRIMARY
- NEW (1) 3" CO - SECONDARY
- NEW (1) 1" PG&E TELEPHONE
- NEW (2) 4" PG - POWER (DIST.DP1)
- NEW (1) 4" PG - POWER (PANEL 'C2')
- NEW (6) 4" PG - POWER (SPARE)
- NEW (2) 4" PG - POWER (SPARE)
- NEW (3) 4" PG - SIGNAL
- NEW (1) 2" PG - SIGNAL
- NEW (2) 2" PG - POWER (SPARE)
- NEW (6) 4" PG - POWER (SPARE)
- NEW (4) 4" PG - POWER (SPARE)
- NEW (1) 1-1/2" PG - PV (FUTURE)
- NEW (2) 2-1/2" PG - PV (FUTURE)
- NEW (4) 2" PG - SIGNAL
- NEW (3) 2" PG - EV (FUTURE)

ABBOTT MIDDLE SCHOOL

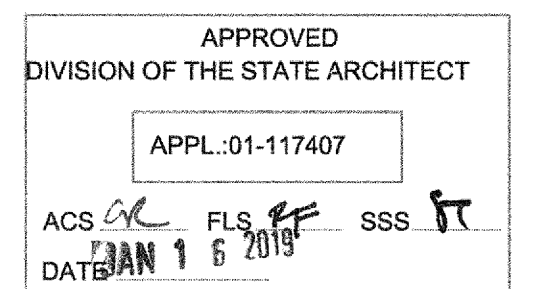
SMFCSD

GYMNASIUM BLDG
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CAMPUS SITE WORK

690 36TH AVE.
SAN MATEO, CA, 94403

DSA NO. 01-117407

**GYMNASIUM BUILDING
ELECTRICAL SITE PLAN
LOWER LEVEL**



E1.1

PACKAGED ROOFTOP AIR CONDITIONING UNITS SCHEDULE																					
TAG	MANUFACTURER	MODEL NO.	BUILDING	AREA SERVED	COOLING MBH		GAS HEATING MBH		AIRFLOW CFM	ESP IN. W.G.	OUTSIDE AIR CFM	FAN RPM	MOTOR BHP	SEER	AFUE %	ELECTRICAL			WEIGHT LBS	MOUNTING DETAIL	NOTES
					TOTAL	SENSIBLE	INPUT	OUTPUT								V / PH	MCA	MOCp			
AC-1	CARRIER	48JCEV06	WING 1	ADMINISTRATION	59.06	53.82	82 110	65 88	1990	0.60	450	1959	0.80	19	80	208 / 3	26	30	750	6/MP6.01	1, 2, 3, 4, 5, 6
AC-2	CARRIER	48VCE05		ADMINISTRATION	47.81	44.72	82 110	65 88	1600	0.60	450	1682	0.51	20	80	208 / 3	25	30	740	6/MP6.01	1, 2, 3, 4, 5, 6
AC-3	CARRIER	48VCE05	MUSIC BLDG	PE STORAGE 8	47.81	44.72	82 110	65 88	1600	0.60	450	1682	0.51	20	80	208 / 3	25	30	740	6/MP6.01	1, 2, 3, 4, 5, 6
AC-4	CARRIER	48VCE05		CLUB ROOM 9	47.81	44.72	82 110	65 88	1600	0.60	450	1682	0.51	20	80	208 / 3	25	30	740	6/MP6.01	1, 2, 3, 4, 5, 6
AC-5	CARRIER	48VCE05		CLUB ROOM 9	47.81	44.72	82 110	65 88	1600	0.60	450	1682	0.51	20	80	208 / 3	25	30	740	6/MP6.01	1, 2, 3, 4, 5, 6
AC-6	CARRIER	48JCEV06		BAND ROOM 6	59.06	53.82	82 110	65 88	1990	0.60	450	1959	0.80	19	80	208 / 3	26	30	750	6/MP6.01	1, 2, 3, 4, 5, 6
AC-7	CARRIER	48JCEV06		CLASSROOM 7, STORAGE, OFFICES, PRACTICE ROOM, CONF.	59.06	53.82	82 110	65 88	1990	0.60	450	1959	0.80	19	80	208 / 3	26	30	750	6/MP6.01	1, 2, 3, 4, 5, 6

1. WEIGHT INCLUDES ALL OPTIONS AND ACCESSORIES.
2. PROVIDE WITH LOW LEAK ECONOMIZER WITH BAROMETRIC RELIEF, MEDIUM GAS HEAT, VARIABLE SPEED COOLING CAPACITY, HIGH STATIC DIRECT DRIVE FAN, LOUVERED HAIL GUARDS, HINGED ACCESS PANELS, UNPOWERED CONVENIENCE OUTLET, PHASE MONITOR, AND E-COAT COILS.

3. PROVIDE WITH MERV 13 FILTERS.
4. PROVIDE WITH DELTA CONTROLS THERMOSTAT WITH CO2 SENSOR. SEE MP5.01 FOR CONTROLS.
5. OWNER FURNISHED CONTRACTOR INSTALLED.
6. PROVIDE WITH FLUE EXTENDERS.



CYPRESS
Engineering Group

831.218.1802
8 Harris Court, Suite A8
Monterey, CA 93940
cypressseg.com

CEG JOB NO: 21039

HVAC, Plumbing, Fire Protection
Building Commissioning
Industrial Refrigeration
Environmental Compliance
Training & Technical Support

387 S. 1st Street, Suite 300
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ABBOTT MIDDLE SCHOOL -
HVAC REPLACEMENT

SAN MATEO-FOSTER CITY SCHOOL DISTRICT

FILE NO.:	41-26	SHEET REF. SHEET MP0.02 AD4-MP0.02
APPL NO.:	01-119556	
JOB NO.	2021005.06	
DATE	01/06/2022	

PROJECT

ABBOTT MIDDLE SCHOOL - HVAC REPLACEMENT

SAN MATEO-FOSTER CITY SCHOOL DISTRICT

CONSULTANT

DECISION NO. 2109

CYPRESSEngineering Group

HVAC, Plumbing, Fire Protection, Building Envelope, Mechanical, Electrical, Environmental Compliance, Training & Technical Support

512 E. 1st St., Suite A3
San Mateo, CA 94404
cypresseng.com

STAMP

REGISTERED PROFESSIONAL ENGINEER

MECHANICAL

STATE OF CALIFORNIA

No. M31059

EXP. JUNE 30, 2023

STATE

DSA FILE NUMBER

41-26

APPL #

01-119557

REVISIONS

No.	Description	Date
D	Addendum 4	01/06/2022

MILESTONES

DD

90% CD

DSA SUB

BACKCHECK

06/03/2021

10/05/2021

SHEET

SCHEDULES-MECHANICAL

DATE

01/06/2022

JOB #

2021005.06

SHEET #

AD4-MP0.03

GAS FIRED FURNACE SCHEDULE																	
TAG	MANUFACTURER	MODEL NO.	BUILDING	LOCATION	GAS HEATING		AIRFLOW CFM	ESP IN. W.G.	OUTSIDE AIR CFM	FAN RPM	AFUE %	ELECTRICAL			WEIGHT LBS	MOUNTING DETAIL	NOTES
					INPUT MBH	OUTPUT MBH						MOTOR HP	V / PH	MOCF			
F-13	CARRIER	59TN6B120C24	MULTI-PURPOSE BLDG	ART 13	78 120	76 117	1820	0.8	450	VARIABLE	96	1	115 / 1	20	195	3/MP6.01	1, 2, 3, 5
F-14	CARRIER	59TN6B120C24		SCIENCE 14	78 120	76 117	1820	0.8	450	VARIABLE	96	1	115 / 1	20	195	3/MP6.01	1, 2, 3, 5
F-A	CARRIER	58TP1A090V2120	MEDIA CENTER / LIBRARY	CONF	84	68	1600	0.8	450	VARIABLE	80	3/4	115 / 1	15	145	6/MP7.02	1, 2, 3, 4, 5
F-B	CARRIER	58TP1A090V2120		CONTROL ROOM	84	68	1600	0.8	450	VARIABLE	80	3/4	115 / 1	15	145	6/MP7.02	1, 2, 3, 4, 5
F-C	CARRIER	58TP1A090V2120		CONF	84	68	1600	0.8	450	VARIABLE	80	3/4	115 / 1	15	145	6/MP7.02	1, 2, 3, 4, 5
F-D	CARRIER	58TP1A090V2120		COMPUTER LAB	84	68	1600	0.8	450	VARIABLE	80	3/4	115 / 1	15	145	6/MP7.02	1, 2, 3, 4, 5
F-E	CARRIER	58TP1A090V2120		COMPUTER LAB	84	68	1200	0.8	450	VARIABLE	80	3/4	115 / 1	15	145	6/MP7.02	1, 2, 3, 4, 5

1. PROVIDE WITH CONDENSATE NEUTRALIZER KIT AND CONCENTRIC VENT KIT.

2. PROVIDE WITH DELTA THERMOSTAT WITH CO2 SENSOR. SEE MP5.02 FOR CONTROLS.

3. PROVIDE WITH HINGED ACCESS FILTER BOX AND MERV 13 FILTERS.

4. HORIZONTAL CONFIGURATION

5. OWNER FURNISHED CONTRACTOR INSTALLED.

COOLING COILS SCHEDULE											
TAG	MANUFACTURER	MODEL NO.	CONDENSING UNIT	BUILDING	LOCATION	NOMINAL CAPACITY TONS	COOLING	REFRIGERANT PIPING		WEIGHT LBS	NOTES
							TOTAL MBH	LIQUID	GAS		
CC-13	CARRIER	CNPVP6024	CU-13	MULTI-PURPOSE BLDG	ART 13	5.0	53.3	3/8"	7/8"	80	1, 2
CC-14	CARRIER	CNPVP6024	CU-14		SCIENCE 14	5.0	53.3	3/8"	7/8"	80	1, 2
CC-A	CARRIER	CNPHP4821	CU-A	MEDIA CENTER / LIBRARY	CONF	4.0	44.5	3/8"	7/8"	65	1, 2
CC-B	CARRIER	CNPHP4821	CU-B		CONTROL ROOM	4.0	44.5	3/8"	7/8"	65	1, 2
CC-C	CARRIER	CNPHP4821	CU-C		CONF	4.0	44.5	3/8"	7/8"	65	1, 2
CC-D	CARRIER	CNPHP4821	CU-D		COMPUTER LAB	4.0	44.5	3/8"	7/8"	65	1, 2
CC-E	CARRIER	CNPHP4821	CU-E		COMPUTER LAB	3.0	34.4	3/8"	7/8"	65	1, 2

1. VERIFY REFRIGERANT PIPE SIZES AND ROUTING LIMITATIONS WITH MANUFACTURER PRIOR TO INSTALLATION.

2. OWNER FURNISHED CONTRACTOR INSTALLED.

CONDENSING UNITS SCHEDULE																
TAG	MANUFACTURER	MODEL NO.	COOLING COIL	BUILDING	LOCATION	NOMINAL CAPACITY TONS	COOLING	REFRIGERANT PIPING		SEER	ELECTRICAL			WEIGHT LBS	MOUNTING DETAIL	NOTES
							TOTAL MBH	LIQUID	GAS		V / PH	MCA	MOCF			
CU-13	CARRIER	24ANB760	CC-13	MULTI-PURPOSE BLDG	SLAB	5.0	53.3	3/8"	1-1/8"	17	208 / 1	37.3	60	355	16/MP6.01	1, 2
CU-14	CARRIER	24ANB760	CC-14		SLAB	5.0	53.3	3/8"	1-1/8"	17	208 / 1	37.3	60	355	16/MP6.01	1, 2
CU-A	CARRIER	24ANB748	CC-A	MEDIA CENTER / LIBRARY	SLAB	4.0	44.5	3/8"	1-1/8"	17	208 / 1	27.8	40	320	16/MP6.01	1, 2
CU-B	CARRIER	24ANB748	CC-B		SLAB	4.0	44.5	3/8"	1-1/8"	17	208 / 1	27.8	40	320	16/MP6.01	1, 2
CU-C	CARRIER	24ANB748	CC-C		SLAB	4.0	44.5	3/8"	1-1/8"	17	208 / 1	27.8	40	320	16/MP6.01	1, 2
CU-D	CARRIER	24ANB748	CC-D		SLAB	4.0	44.5	3/8"	1-1/8"	17	208 / 1	27.8	40	320	16/MP6.01	1, 2
CU-E	CARRIER	24ANB736	CC-E		SLAB	3.0	34.4	3/8"	7/8"	17	208 / 1	19.8	35	320	16/MP6.01	1, 2

1. VERIFY REFRIGERANT PIPE SIZES AND ROUTING LIMITATIONS WITH MANUFACTURER PRIOR TO INSTALLATION.

2. OWNER FURNISHED CONTRACTOR INSTALLED.