



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

January 7, 2022

Subject: Bid Package #1
Borel Middle School HVAC Replcmt-DSA 01-119557
College Park Elementary School HVAC Replcmt-DSA 01 119530
Meadow Heights Elementary School HVAC Replcmt DSA 01-119554
North Shoreview Montessori School HVAC Replcmt DSA 01-119526
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.1. PLEASE NOTE THAT THIS ADDEDUM IS BEING ISSUED IN A COMBINED PACKAGE IN FIVE PARTS.

- Part 1. Cover section addressing all four projects with overlapping information impacting each campus project.
- Part 2. Addendum documentation exclusively for Borel Middle School Project.
- Part 3. Addendum documentation exclusively for College Park Elementary School Project.
- Part 4. Addendum documentation exclusively for Meadow Heights Elementary School Project.
- Part 5. Addendum documentation exclusively for North Shoreview Montessori 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.

San Mateo-Foster City School District
HVAC Replacement Scope,
Borel MS DSA 01-119557
College Park ES DSA 01-119530
Meadow Heights DSA 01-119554
North Shoreview DSA 01-119526

Bid Package #1
Addendum No. 4
1



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 AND ANSWERS

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.
2. San Mateo Foster City School District Approved Contractor’s List updated 01/07/2022 sorted by License classification C-10, C-20 and C-36.

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**, shall be changed to eliminate the words “Remove all”- strike through these words and change title to read as follows:

1. **Asbestos-Containing Materials** ~~—Remove all:~~

Part 2. Addendum 4 Items for Borel Middle School

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

Part 3. Addendum 4 Items for College Park Elementary School

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

Part 4. Addendum 4 Items for Meadow Heights Elementary School

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

Part 5. Addendum 4 Items for North Shoreview Montessori School

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

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	bcfp@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	l Eldredge@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, 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
	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

Stephen Ciari Plumbing and Heating, Inc.	1054 Elm St, San Jose, CA, 95126	alena@ciariplumbing.com	408-296-6010	C-4, C-20, C-36	1000003021	828351_	11/30/2021
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, C-4, C-20, C-36, C-	1000000195	761659_	11/30/2021
Bay City Mechanical, Inc.	870 Harbour Way South Richmond , Ca 94804	Sarahi@baycitymech.com	510-233-7000	43, B	1000007529	645126_	12/10/2021
Aire Sheet Metal, Inc.	1973 East Bayshore Road, Redwood City, CA 94063	barrie@airesm.com	650-364-8081	C-4, C-20, C-43	1000000307	271264_	11/04/2021
Brady Air Conditioning, Inc.	338 No. Canal St., #5, So. San Francisco, CA, 94080	Fran@bradyair.com	650-742-9640	C-43, C-20, C-36, C-16, C-4	1000000975	585882_	12/01/2021

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
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 6, 2022

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

Subject: Borel Middle School HVAC Replacement
San Mateo - Foster City School District
Aedis Project No. 2021005.07
DSA Application #01-119557

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 plan for reference only, per attached Borel Middle School Topographic Survey and Partial Utility Survey.

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 notes 11 and 12, per attached AD4-MP0.02.

Clarification: Clarifying Packaged Rooftop Air Conditioning Schedule note 10, 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
AC-6,15,17,20	5	48JCDV04A3A5-3A4N0	3 Ton Rooftop Packaged Unit The following items are included: • Voltage: 208-230/3/60 • Refrigerant Options: Variable Stage Cooling • Unit Size: 3 Tons (04) • Heat Size: Low 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 • Electrical Options: Phase Monitor/ Protection • Base Unit Controls: SystemVu Controller • Factory Start-Up
AC-1,2,4,5,13,16	6	48JCEV05A3A5-3A4N0	4 Ton Rooftop Packaged Unit

ADDENDUM NO. 4

01/06/2022

Borel Middle School HVAC Replacement
 San Mateo – Foster City School District
 Aedis Project No. 2021005.07

			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 • Electrical Options: Phase Monitor/ Protection • Base Unit Controls: SystemVu Controller • Factory Start-Up
AC-19	1	48FCDM07A3M5-0A4N0	6 Ton Rooftop Packaged Unit The following items are included: • Voltage: 208-230/3/60 • Heat Options: Low Gas heat • Unit Size: 6 Tons (07) • Refrigerant Options: Single Circuit 2 Stage Cooling • Packaging Options: Standard Packaging • Indoor Fan Options: Dir Drive-EcoBlue-High Static • Electrical Options: Phase Monitor Protection • Coil Protection Options: Al/Cu - Al/Cu - Louvered Hg • Base Unit Controls: Electro-Mechanical Ctl W7212 • Service Options: Hinged Panel - UnPow Conv Outl • Factory Start-Up
AC-19	1		Smoke Detector (Field Installed)
AC-10,11	2	48HCDD08A2M5-0A4G0	7.5 ton Gas Heat Packaged Rooftop Unit The following items are included: • Voltage: 208-230/3/60 • Refrigeration Systems Options: Two-Stage Cooling Models • Unit Size: 7.5 Tons (08) • Packaging Options: Standard Carrier Package • Heat Options: Low Gas Heat • Electrical Options: 2-Speed Indoor Fan (VFD) Controller • Service Options: Hinged Panels, Unpowered Convenience Outlet • Coil Options: Al/Cu Condenser Coil, Al/Cu Evaporator Coil with Louvered Hail Guard • Indoor Fan Options: Indoor Fan Medium Static Option - Belt Drive • Base Unit Controls: Electromechanical Controls. Can be used with W7212 EconoMi\$er IV (Non-Fault Detection and Diagnostic) • Factory Start-Up
AC-10,11	2		Phase Protection (Field Installed)
AC-10,11	2		VFD Remote Keypad Kit (Field Installed)
AC-10,11	2		Smoke Detector (Field Installed)
AC-3	1	48VGNE240403-TP	2 Ton Rooftop Packaged Unit The following items are included: • Unit Size SPP: 2 Tons • Voltage: 208/230-1-60V • Heat Type: Low NOx Unit • Heating Capacity: 40,000 BTU/HR • Tin-Plated Indoor Coil Hairpin • Heat Exchanger: Heat Exchanger (Standard) • Factory Start-Up

ADDENDUM NO. 4

01/06/2022

Borel Middle School HVAC Replacement
 San Mateo – Foster City School District
 Aedis Project No. 2021005.07

AC-3	1		Hard Start Kit (Field Installed)
AC-3	1		Crankcase Heater (Field Installed)
AC-3	1		Time Guard II (Field Installed)
AC-,8,12,14,18	4	48VGNE300403-TP	2.5 Ton Rooftop Packaged Unit The following items are included: • Unit Size SPP: 2 1/2 Tons • Voltage: 208/230-1-60V • Heat Type: Low NOx Unit • Heating Capacity: 40,000 BTU/HR • Tin-Plated Indoor Coil Hairpin • Heat Exchanger: Heat Exchanger (Standard) • Factory Start-Up
AC-,8,12,14,18	4		Hard Start Kit (Field Installed)
AC-,8,12,14,18	4		Crankcase heater (Field Installed)
AC-,8,12,14,18	4		Time Guard II (Field Installed)
	14		Ultra Low Leak Down Discharge Belimo Only Economizer (Field Installed)
	5		Manual Damper Outside Air Hood (Field Installed)
	19		Flue Discharge Deflector (Field Installed)
	1		E-Coated Condenser & Evaporator Coils (all units)

ITEM NO. 4.3: DRAWING SHEET E1.1 – Electrical Site Plan

Clarification: The background shown on sheet AD3-E1.1 in addendum 3 graphically omitted the scope of work previously clouded in addendum 1. The addendum 3 sheet AD3-E1.1 is to be replaced so its background correctly represents the scope of work as previously outlined per addendum 1.

Replace: Remove sheet AD3-E1.1 and replace completely with attached sheet AD4-E1.1. No change to scope of work in addendum 4. For scope of work refer to original sheet E1.1, addendum 1 items and clouding on sheet AD1-E1.1, and addendum 3 items and clouding on sheet AD3-E1.1.

ITEM NO. 4.4: DRAWING SHEET E3.3 - New Partial Floor Plan Bldg G

Add: Duct Smoke Detector and Relay Control module to FA equipment schedule and battery calculation, per attached AD4-E3.3.

ITEM NO. 4.5: DRAWING SHEET E3.4 – New Partial Floor Plan Bldg G

Add: Sheet Notes #10, 11 and 12 and associated tags in plan, per attached AD4-E3.4.

Add: Duct Smoke Detector and Relay Control module for automatic shutdown on AC Unit #9, #10 and #11, per attached AD4-E3.3.

ADDENDUM NO. 4

Borel Middle School HVAC Replacement
San Mateo – Foster City School District
Aedis Project No. 2021005.07

01/06/2022



Aedis Architects
Thang Do, Principal



Electrical, American Consulting Engineers Electrical
Sammy Fernandez



Mechanical, Cypress Engineering Group
Metin Serttunc

Division of the State Architect

ADDENDUM NO. 4

01/06/2022

Borel Middle School HVAC Replacement
San Mateo – Foster City School District
Aedis Project No. 2021005.07

Attachments:

General:

Borel Middle School Topographic Survey and Partial Utility Survey (6 pages)

Drawing:

MECHANICAL:

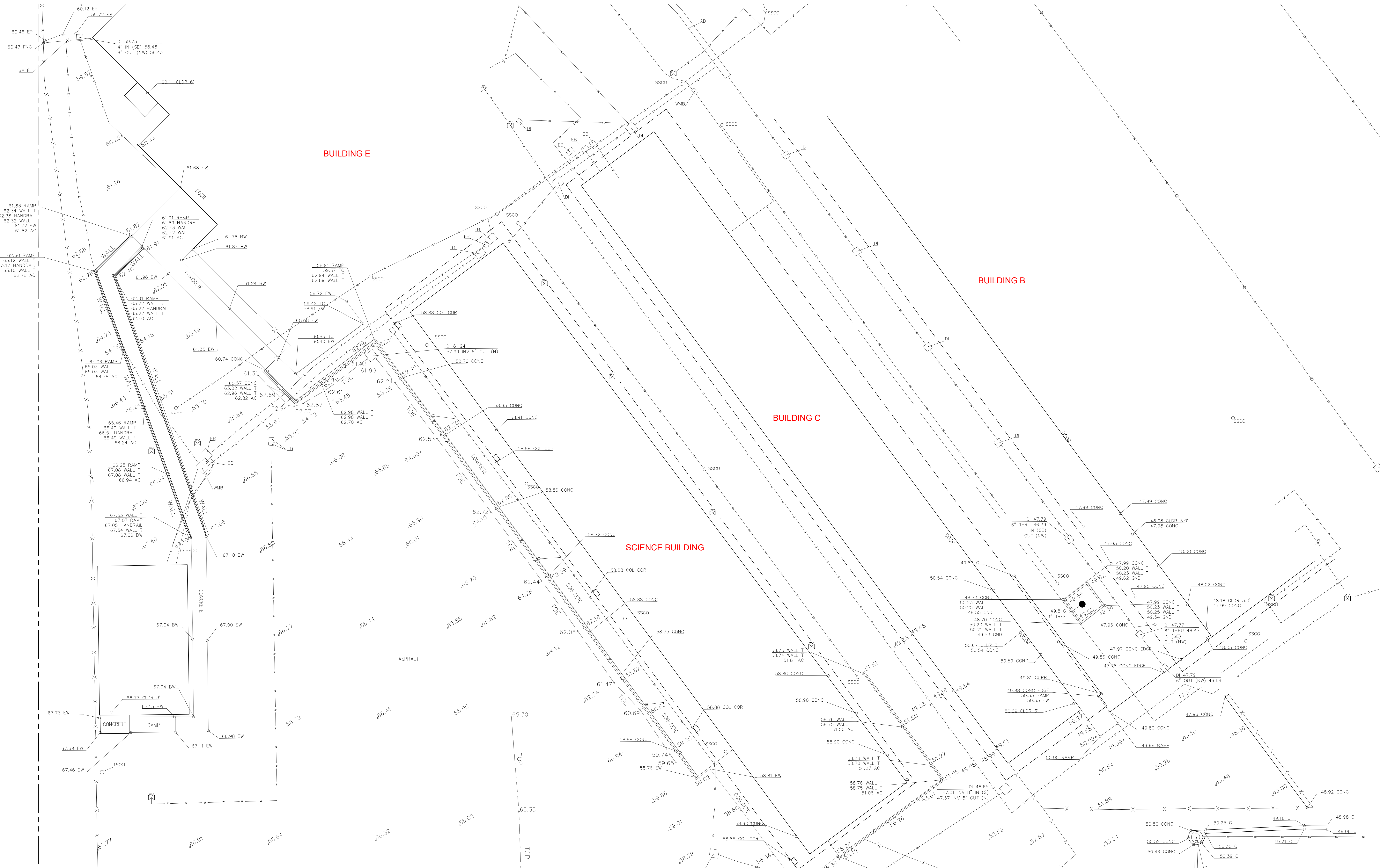
SHEET AD4-MP0.02

ELECTRICAL:

SHEET AD4-E1.1

SHEET AD4-E3.3

SHEET AD4-E3.4

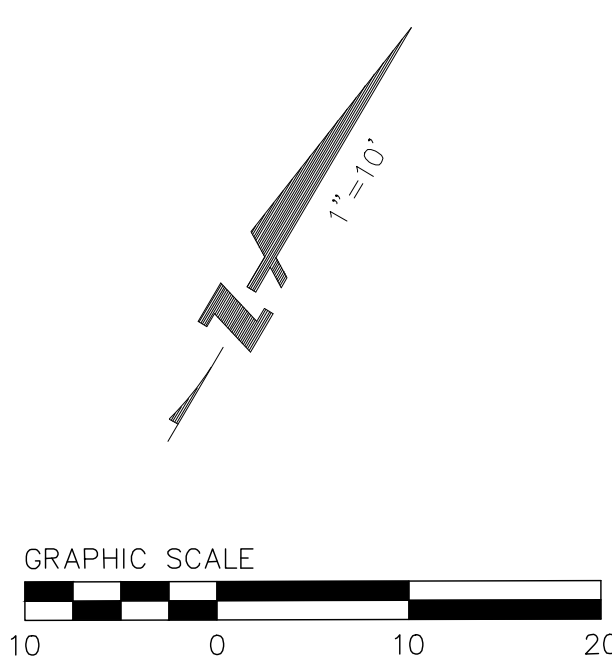


- LEGEND**
- AREA DRAIN
 - AUTOMATIC RELEASE VALVE
 - CLEANOUT
 - GAS VALVE
 - IRRIGATION BOX
 - IRRIGATION VALVE
 - SANITARY SEWER MANHOLE
 - SANITARY SEWER CLEANOUT
 - STORM DRAIN MANHOLE
 - WATER VALVE
 - JOINT POLE
 - GUY POLE

- TOP OF CURB
- WATER LINE
- SANITARY LINE
- STORM DRAIN LINE
- UNKNOWN UTILITY
- GAS LINE
- TOE
- TOP
- WALL

ABBREVIATIONS

- AD AREA DRAIN
- BW BACK OF WALK
- C CONCRETE
- CB CATCH BASIN
- CO CLEAN OUT
- DI DRAIN INLET
- EB ELECTRIC BOX
- EW EDGE OF WALK
- ELEC ELECTRIC
- GB GRADE BREAK
- CV GAS VALVE
- ICV IRRIGATION CONTROL VALVE
- PLS PROFESSIONAL LAND SURVEYOR
- SD STORM DRAIN
- SDMH STORM DRAIN MANHOLE
- SSCO SANITARY SEWER CLEANOUT
- SSMH SANITARY SEWER MANHOLE
- UNK UNKNOWN
- WMB WATER METER BOX
- WV WATER VALVE



BENCHMARK STATEMENT:

CITY OF SAN MATEO BENCHMARK NO. 066-006, RAMSET NAIL AND WASHER IN TOP OF CURB AT THE SOUTHERLY SIDE OF BOREL AND SHAFTER STREETS. ELEVATION 64.886 FEET.

BASIS OF BEARING:

BASIS OF BEARING OF SOUTH 48°58'00" WEST ALONG THE NORTHERLY LINE OF PARCEL "B" AS SHOWN ON PARCEL MAP NO. 105, RECORDED IN VOLUME 23 OF MAPS IN PAGE 25 OF THE RECORDS OF SAN MATEO COUNTY.

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.

SURVEYORS STATEMENT

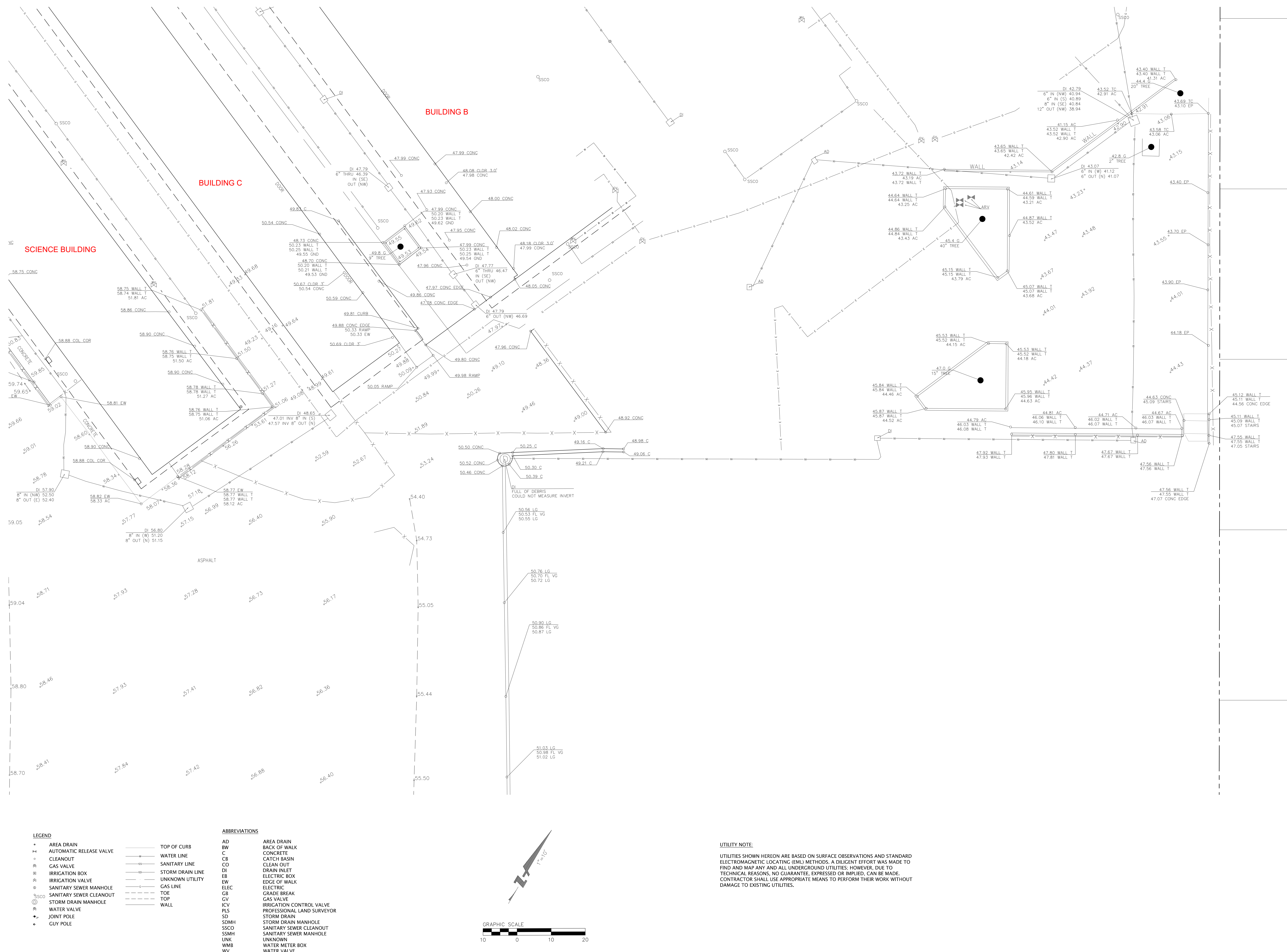
THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION: IN CONFORMANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYORS' ACT.

DAVID JUNGSMANN, P.L.S. 9267



10/26/17
DATE

Revisions		No.	Date
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Approved: DCJ	Check: 20180820		
Drawing Number:		TOPO	
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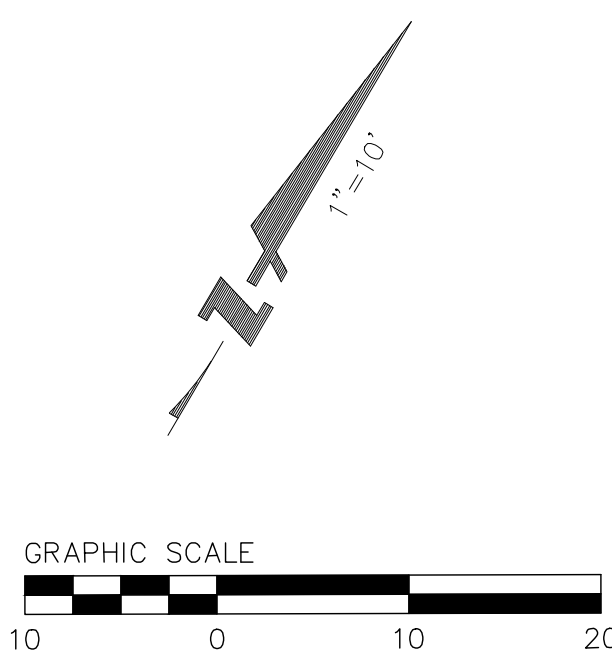


Date: 10/28/17	No.	Revisions
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Approved: DCJ		
Job No.: 20160188-50		

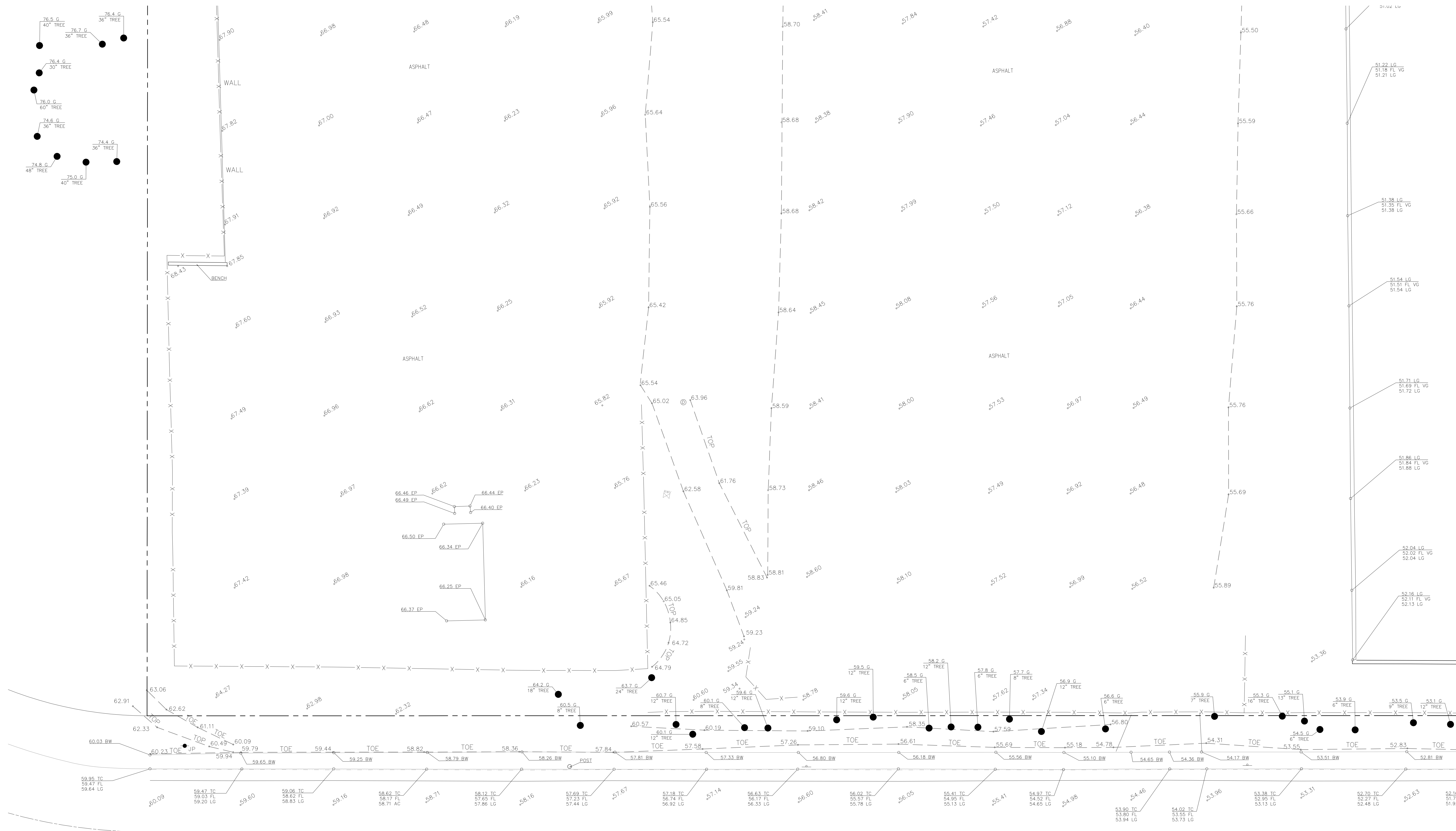
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- AUTOMATIC RELEASE VALVE
- CLEANOUT
- GAS VALVE
- IRRIGATION BOX
- IRRIGATION VALVE
- SANITARY SEWER MANHOLE
- SANITARY SEWER CLEANOUT
- STORM DRAIN MANHOLE
- WATER VALVE
- JOINT POLE
- GUY POLE

_____ TOP OF CURB
 _____ W _____ WATER LINE
 _____ SS _____ SANITARY LINE
 _____ SD _____ STORM DRAIN LINE
 _____ . _____ UNKNOWN UTILITY
 _____ G _____ GAS LINE
 _____ TOE
 _____ TOP
 _____ WALL

AD	AREA DRAIN
BW	BACK OF WALK
C	CONCRETE
CB	CATCH BASIN
CO	CLEAN OUT
DI	DRAIN INLET
EB	ELECTRIC BOX
EW	EDGE OF WALK
ELEC	ELECTRIC
GB	GRADE BREAK
GV	GS VALVE
ICV	IRRIGATION CONTROL VALVE
PLS	PROFESSIONAL LAND SURVEYOR
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
UNK	UNKNOWN
WM	WATER METER BOX
WV	WATER VALVE



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.

BOREL MIDDLE SCHOOL
TOPOGRAPHIC SURVEY AND PARTIAL UTILITY SURVEY

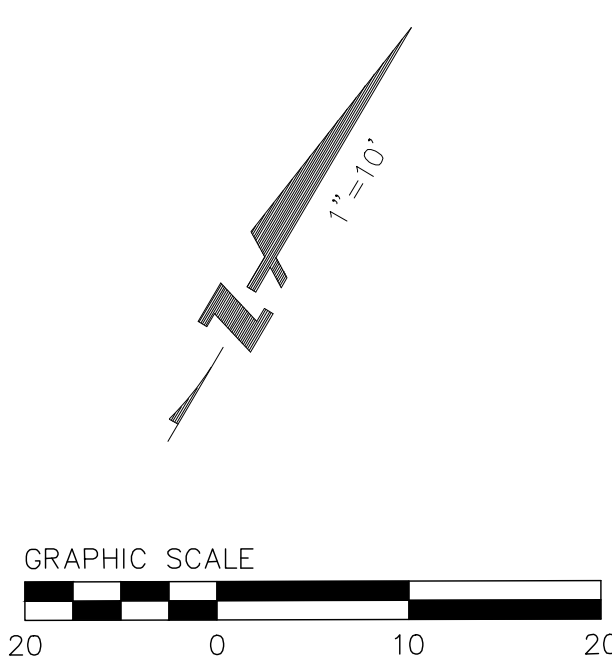
BOREL AVENUE

- LEGEND**
- AREA DRAIN
 - AUTOMATIC RELEASE VALVE
 - CLEANOUT
 - ⊗ GAS VALVE
 - IRRIGATION BOX
 - ⊗ IRRIGATION VALVE
 - ⊗ SANITARY SEWER MANHOLE
 - SSCO SANITARY SEWER CLEANOUT
 - ① STORM DRAIN MANHOLE
 - WATER VALVE
 - JOINT POLE
 - GUY POLE

- | | |
|--------------|------------------|
| _____ | TOP OF CURB |
| _____W_____ | WATER LINE |
| _____SS_____ | SANITARY LINE |
| _____GO_____ | STORM DRAIN LINE |
| _____·_____ | UNKNOWN UTILITY |
| _____C_____ | GAS LINE |
| ----- | TOE |
| ----- | TOP |
| ----- | WALL |

ABBREVIATIONS

- | | |
|------|----------------------------|
| AD | AREA DRAIN |
| BW | BACK OF WALK |
| C | CONCRETE |
| CB | CATCH BASIN |
| CO | CLEAN OUT |
| DI | DRAIN INLET |
| EB | ELECTRIC BOX |
| EW | EDGE OF WALK |
| ELEC | ELECTRIC |
| GB | GRADE BREAK |
| GS | GAS VALVE |
| ICV | IRRIGATION CONTROL VALVE |
| PS | PROFESSIONAL LAND SURVEYOR |
| SD | STORM DRAIN |
| SDMH | STORM DRAIN MANHOLE |
| SSCO | SANITARY SEWER CLEANOUT |
| SSMH | SANITARY SEWER MANHOLE |
| UNK | UNKNOWN |
| WMB | WATER METER BOX |
| WW | WATER VALVE |

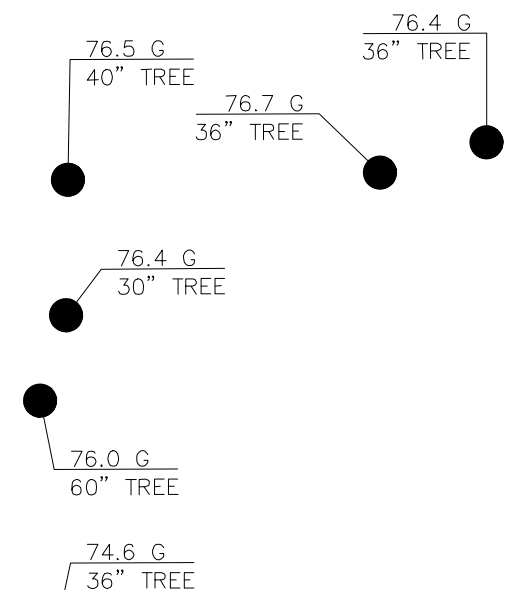


UTILITY NOTE:

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Drawing Number:		Date: 10/26/17	No.	Revisions
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		Drawn: SOM		
		Approved: DCJ		
		Job No: 20160108-50		

Date: 10/28/17	No.	Revisions
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Approved: DCJ		
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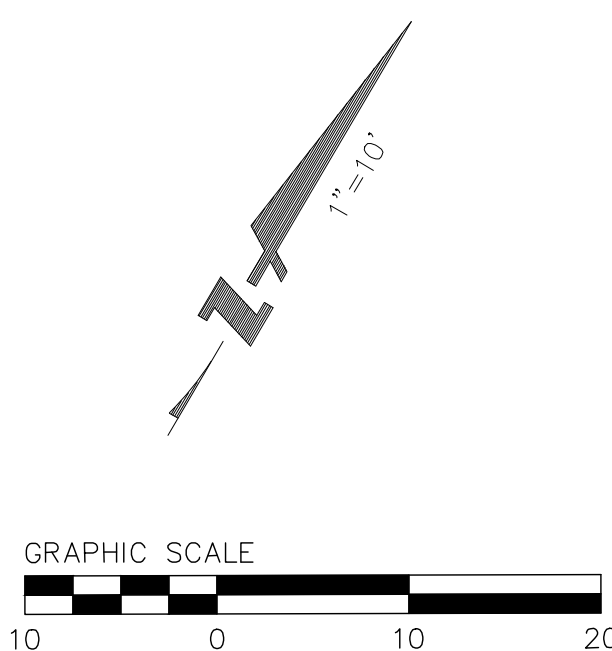


- AREA DRAIN
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- IRRIGATION VALVE
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_____GO_____	STORM DRAIN LINE
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-----	TOE
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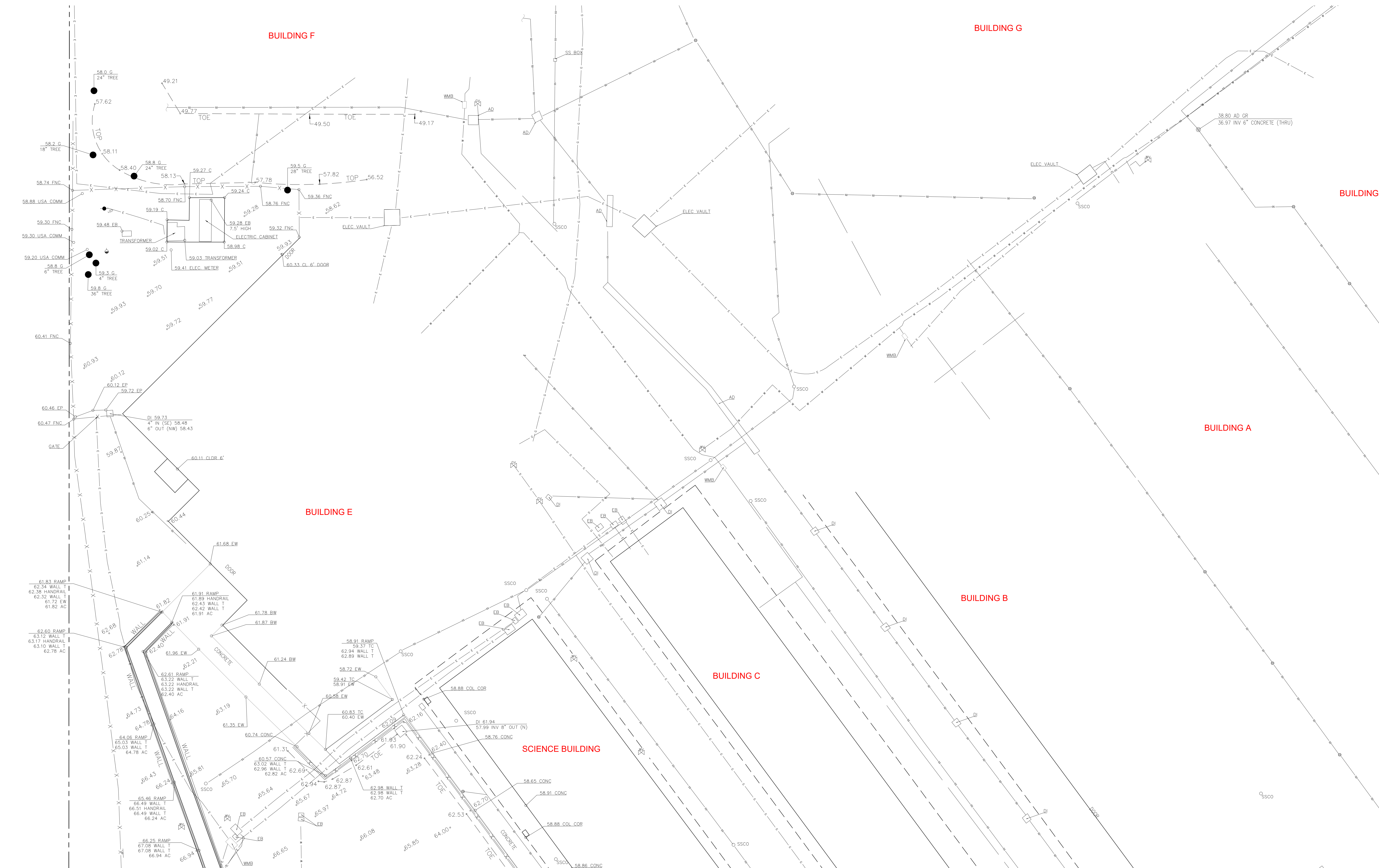
AD	AREA DRAIN
BW	BACK OF WALK
C	CONCRETE
CB	CATCH BASIN
CD	CLEAN OUT
DI	DRAIN INLET
EB	ELECTRIC BOX
EW	EDGE OF WALK
ELEC	ELECTRIC
GB	GAS BREAK
GV	GAS VALVE
ICV	IRRIGATION CONTROL VALVE
PLS	PROFESSIONAL LAND SURVEYOR
SD	STORM DRAIN
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SSMH	SANITARY SEWER MANHOLE
UNK	UNKNOWN
WM	WATER METER BOX
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AREA DRAIN
BACK OF WALK
CONCRETE
CATCH BASIN
CLEAN OUT
DRAIN INLET
ELECTRIC BOX
EDGE OF WALK
ELECTRIC
GRADE BREAK
GAS VALVE
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WATER VALVE



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Approved: DCJ		
Job No.: 20160188-50		



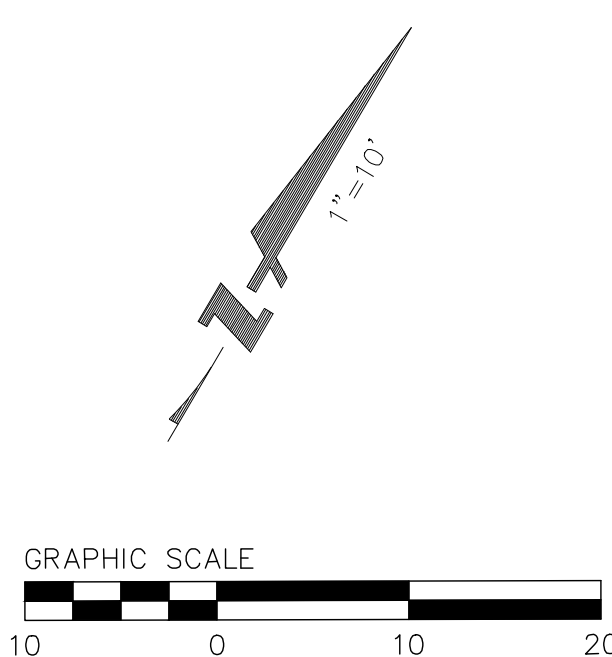
LEGEND

- AREA DRAIN
- AUTOMATIC RELEASE VALVE
- CLEANOUT
- ⊗ GAS VALVE
- ⊠ IRRIGATION BOX
- ⊗ IRRIGATION VALVE
- ⊗ SANITARY SEWER MANHOLE
- 5500 ⊗ SANITARY SEWER CLEANOUT
- ⊗ STORM DRAIN MANHOLE
- ⊗ WATER VALVE
- JOINT POLE
- GUY POLE

- | | |
|--------------|------------------|
| _____ | TOP OF CURB |
| _____W_____ | WATER LINE |
| _____SS_____ | SANITARY LINE |
| _____GO_____ | STORM DRAIN LINE |
| _____·_____ | UNKNOWN UTILITY |
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ABBREVIATIONS

- | | |
|------|----------------------------|
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| C | CONCRETE |
| CB | CATCH BASIN |
| CO | CLEAN OUT |
| DI | DRAIN INLET |
| EB | ELECTRIC BOX |
| | EDGE OF WALK |
| ELEC | ELECTRIC |
| GB | GRADE BREAK |
| GV | GAS VALVE |
| ICV | IRRIGATION CONTROL VALVE |
| PS | PROFESSIONAL LAND SURVEYOR |
| SD | STORM DRAIN |
| SDMH | STORM DRAIN MANHOLE |
| SSCO | SANITARY SEWER CLEANOUT |
| SSMH | SANITARY SEWER MANHOLE |
| UNK | UNKNOWN |
| WMB | WATER METER BOX |
| WV | WATER VALVE |



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.

AIR DISTRIBUTION SCHEDULE						
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	BORDER TYPE	MOUNTING DETAIL	NOTES
HSS-1	TITUS	S300FL	HIGH SIDEWALL SUPPLY	TYPE 1	17MP6.01	1, 2, 4
HSS-2	TITUS	272FS	HIGH SIDEWALL SUPPLY	TYPE 1	13MP6.01	1, 2
HSR-1	TITUS	350RL	HIGH SIDEWALL RETURN	TYPE 1	13MP6.01	2, 3
LSR-1	TITUS	350RL	LOW SIDEWALL RETURN	TYPE 1	13MP6.01	2, 3
RG-1	TITUS	30R	RELIEF GRILLE	SURFACE MOUNT	2M6.02	2, 5
EG-1	TITUS	30R	EXHAUST/INTAKE GRILLE	SURFACE MOUNT	3M6.02	2

- SET BLADES AT 22.5° DEFLECTION.
- PRIME AND PAINT PER ARCHITECT'S INSTRUCTIONS. REGISTER COLOR SELECTED BY ARCHITECT.
- PROVIDE WITH AIRSAN COMPACT DUCT SILENCER.
- PROVIDE WITH ASD AIR SCOOP DEVICE.
- CONTRACTOR TO FIELD VERIFY (E) DIMENSIONS PRIOR TO ORDERING.

CLASSROOM SPLIT SYSTEM HEAT PUMPS SCHEDULE - CONTINUED																		
TAG	MANUFACTURER	MODEL	BUILDING	LOCATION	COOLING	HEATING	AIRFLOW CFM	OUTSIDE AIR CFM	REFRIGERANT PIPING		SEER	HSPF	ELECTRICAL			WEIGHT LBS	MOUNTING DETAIL	NOTES
					TOTAL MBH	TOTAL MBH			LIQUID	GAS			V / PH	MCA	MOCP			
FC-36	SAMSUNG	AC054KNZDCHIAA	SCIENCE BLDG	CLASSROOM 36	54	60	1200	450	3/8"	3/4"	-	-	NOTE 8			164	12MP6.01	2, 3, 4, 6, 7, 8
HP-36	SAMSUNG	AC054KXADCHIAA		SLAB			-	-	3/8"	3/4"	17.1	9.0	208 / 1	42	70	212	16MP6.01	1
FC-37	SAMSUNG	AC054KNZDCHIAA		CLASSROOM 37	54	60	1600	450	3/8"	3/4"	-	-	NOTE 8			164	12MP6.01	2, 3, 4, 6, 7, 8
HP-37	SAMSUNG	AC054KXADCHIAA		SLAB			-	-	3/8"	3/4"	17.1	9.0	208 / 1	42	70	212	16MP6.01	1
FC-38	SAMSUNG	AC054KNZDCHIAA		CLASSROOM 38	54	60	1600	450	3/8"	3/4"	-	-	NOTE 8			164	12MP6.01	2, 3, 4, 6, 7, 8
HP-38	SAMSUNG	AC054KXADCHIAA		SLAB			-	-	3/8"	3/4"	17.1	9.0	208 / 1	42	70	212	16MP6.01	1
FC-39	SAMSUNG	AC054KNZDCHIAA		CLASSROOM 39	54	60	1600	450	3/8"	3/4"	-	-	NOTE 8			164	12MP6.01	2, 3, 4, 6, 7, 8
HP-39	SAMSUNG	AC054KXADCHIAA		SLAB			-	-	3/8"	3/4"	17.1	9.0	208 / 1	42	70	212	16MP6.01	1

- SPLIT SYSTEM SHALL BE ABLE TO OPERATE AT 94% HEATING CAPACITY DOWN TO 32°F OUTDOOR AMBIENT TEMPERATURE.
- CFM BASED ON 0.55 ESP.
- PROVIDE WITH SAMSUNG MIM-A60UN 24VAC THERMOSTAT ADAPTER AND 24VAC TRANSFORMER.
- PROVIDE WITH DELTA CONTROLS THERMOSTAT WITH CO2 SENSOR. SEE MP5.01 FOR CONTROLS.
- PROVIDE CONDENSATE PUMP, LITTLE GIANT VCMX-20ULS 230V WITH OVERFLOW PROTECTION, OR APPROVED EQUAL.
- PROVIDE WITH 4" MERV-13 FILTERS WITH FILTER ACCESS PANEL.
- FAN COIL SHALL BE ADJUSTED TO OPERATE AT CONSTANT SPEED AT INDICATED CFM.
- INDOOR UNIT POWERED BY OUTDOOR UNIT.

PACKAGED ROOFTOP AIR CONDITIONING UNITS SCHEDULE																			
TAG	MANUFACTURER	MODEL NO.	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	48JCDV05	49.3	45.7	50 67	40 54	1600	1.0	450	2883	1.46	20	81	208 / 3	25	30	695	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-2	CARRIER	48JCDV05	49.3	45.7	50 67	40 54	1600	1.0	450	2883	1.46	20	81	208 / 3	25	30	695	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-3	CARRIER	48VGN24	23.0	21.9	40	33	850	0.8	350	1050	0.36	15	81	208 / 1	19.4	30	350	14MP6.01	1, 2, 3, 7, 8, 9, 10, 11
AC-4	CARRIER	48JCDV05	49.3	45.7	50 67	40 54	1600	1.0	450	2883	1.46	20	81	208 / 3	25	30	695	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-5	CARRIER	48JCDV05	49.3	45.7	50 67	40 54	1600	1.0	450	2883	1.46	20	81	208 / 3	25	30	695	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-6	CARRIER	48JCDV04	36.3	32.8	50 67	40 54	1200	1.0	450	2059	0.64	20	81	208 / 3	22	30	670	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-8	CARRIER	48VGN30	29.1	27.3	40	32	850	0.8	350	1050	0.36	15	78	208 / 3	16.2	20	355	14MP6.01	1, 2, 3, 7, 8, 9, 10, 11
AC-9	CARRIER	48JCDV04	36.3	32.8	50 67	40 54	1200	1.0	450	2059	0.64	20	81	208 / 3	22	30	670	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-10	CARRIER	48HCCD08	93.3	85.2	90 125	73 103	3000	1.2	450	939	1.79	13.8	82	208 / 3	41	50	1100	2MP6.01	1, 2, 3, 6, 9, 10, 11, 12
AC-11	CARRIER	48HCCD08	93.3	85.2	90 125	73 103	3000	1.2	450	939	1.79	13.8	82	208 / 3	41	50	1100	2MP6.01	1, 2, 3, 6, 9, 10, 11, 12
AC-12	CARRIER	48VGN30	29.1	27.3	40	32	850	0.8	350	1050	0.36	15	78	208 / 3	16.2	20	355	14MP6.01	1, 2, 3, 7, 8, 9, 10, 11
AC-13	CARRIER	48JCDV05	49.3	45.7	50 67	40 54	1600	1.0	450	2883	1.46	20	81	208 / 3	25	30	695	2MP6.01	1, 2, 3, 7, 8, 9, 10, 12
AC-14	CARRIER	48VGN30	29.1	27.3	40	32	850	0.8	350	1050	0.36	15	78	208 / 3	16.2	20	355	14MP6.01	1, 2, 3, 7, 8, 9, 10, 11
AC-15	CARRIER	48JCDV04	36.3	32.8	50 67	40 54	1200	1.0	450	2059	0.64	20	81	208 / 3	22	30	670	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-16	CARRIER	48JCDV05	49.3	45.7	50 67	40 54	1600	1.0	450	2883	1.46	20	81	208 / 3	25	30	695	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-17	CARRIER	48JCDV04	36.3	32.8	50 67	40 54	1200	1.0	450	2059	0.64	20	81	208 / 3	22	30	670	2MP6.01	1, 2, 3, 4, 9, 10, 11
AC-18	CARRIER	48VGN30	29.1	27.3	40	32	850	0.8	350	1050	0.36	15	78	208 / 3	16.2	20	355	14MP6.01	1, 2, 3, 7, 8, 9, 10, 11
AC-19	CARRIER	48FCOM07	72.4	67.3	67	54	2400	1.0	450	2589	1.86	15	81	208 / 3	30	45	710	2MP6.01	1, 2, 3, 5, 9, 10, 11, 12
AC-20	CARRIER	48JCDV04	36.3	32.8	50 67	40 54	1200	1.0	450	2059	0.64	20	81	208 / 3	22	30	670	2MP6.01	1, 2, 3, 4, 9, 10, 11

- WEIGHT INCLUDES ALL OPTIONS AND ACCESSORIES.
- PROVIDE WITH DELTA CONTROLS THERMOSTAT WITH CO2 SENSOR. SEE MP5.01 FOR CONTROLS.
- PROVIDE WITH MERV 13 FILTERS.
- PROVIDE WITH LOW LEAK ECONOMIZER WITH BAROMETRIC RELIEF, VARIABLE SPEED COOLING CAPACITY, HIGH STATIC DIRECT DRIVE FAN, LOUVERED HAIL GUARDS, HINGED ACCESS PANELS, UNPOWERED CONVENIENCE OUTLET, PHASE MONITOR, AND E-COAT COILS.
- PROVIDE WITH LOW LEAK ECONOMIZER WITH BAROMETRIC RELIEF, TWO STAGE COOLING, HIGH STATIC DIRECT DRIVE FAN, LOUVERED HAIL GUARDS, HINGED ACCESS PANELS, UNPOWERED CONVENIENCE OUTLET, PHASE MONITOR, AND E-COAT COILS.
- PROVIDE WITH LOW LEAK ECONOMIZER WITH BAROMETRIC RELIEF, TWO STAGE COOLING, MEDIUM STATIC BELT DRIVE FAN, LOUVERED HAIL GUARDS, HINGED ACCESS PANELS, UNPOWERED CONVENIENCE OUTLET, PHASE MONITOR, TWO-SPEED INDOOR FAN MOTOR VFD CONTROLLER, AND E-COAT COILS.
- PROVIDE WITH LOW NOX, TIN-PLATED INDOOR COIL HARPINS, CRANKCASE HEATER, AND TIME GUARD II.
- PROVIDE WITH MICROMETL CURB ADAPTOR. CONTRACTOR TO FIELD VERIFY ALL EXISTING CURB DIMENSIONS.
- PROVIDE MICROMETL ROOF CURB TO MATCH EXISTING.
- OWNER FURNISHED CONTRACTOR INSTALLED.
- PROVIDE WITH FLE EXTENDERS.
- PROVIDE WITH SMOKE DETECTION.

SPLIT SYSTEM AIR CONDITIONERS SCHEDULE																
TAG	MANUFACTURER	MODEL	WING / BUILDING	LOCATION	COOLING	HEATING	AIRFLOW	REFRIGERANT PIPING		SEER	ELECTRICAL			WEIGHT	MOUNTING	NOTES
					TOTAL MBH	TOTAL MBH		LIQUID	GAS		V / PH	MCA	MOCP			
SSO-A-1	SAMSUNG	AR24TSFYBWKVCV	BUILDING A	ROOF	22	24	—	1/4"	5/8"	18	208 / 1	20	30	125	3MP6.01	
SSI-A-1	SAMSUNG	AR24TSFYBWKNCV		SERVING ROOM				657	1/4"	5/8"	—	NOTE 1			30	6MP6.01

- INDOOR UNITS ARE POWERED BY OUTDOOR UNIT.
- VERIFY REFRIGERANT PIPE SIZES AND ROUTING LIMITATIONS WITH MANUFACTURER PRIOR TO INSTALLATION.
- PROVIDE WITH SAMSUNG WALL MOUNTED THERMOSTAT.
- PROVIDE WITH BACNET INTERFACE CARD. SEE MP5.01 FOR CONTROLS.
- PROVIDE WITH CONDENSATE PUMP.

SPLIT SYSTEM HEAT PUMPS SCHEDULE																	
TAG	MANUFACTURER	MODEL	WING / BUILDING	LOCATION	COOLING TOTAL MBH	HEATING TOTAL MBH	AIRFLOW CFM	REFRIGERANT PIPING		SEER	HSPF	ELECTRICAL			WEIGHT LBS	MOUNTING DETAIL	NOTES
								LIQUID	GAS			V / PH	MCA	MOCP			
SSO-G-1	SAMSUNG	AC018JX4DCHIAA	BUILDING G	ROOF	18	20	—	1/4"	1/2"	20.1	10	208 / 1	8.1	15	100	3MP6.01	
SSI-G-1	SAMSUNG	AC018NN4DCHIAA		CLASSROOM 40			580	1/4"	1/2"	—	—	NOTE 1			35	10MP6.01	2, 3, 4, 5

- INDOOR UNITS ARE POWERED BY OUTDOOR UNIT.
- VERIFY REFRIGERANT PIPE SIZES AND ROUTING LIMITATIONS WITH MANUFACTURER PRIOR TO INSTALLATION.
- PROVIDE WITH SAMSUNG WALL MOUNTED THERMOSTAT.
- PROVIDE WITH BACNET INTERFACE CARD. SEE MP5.01 FOR CONTROLS.
- WITH BUILT-IN CONDENSATE PUMP.

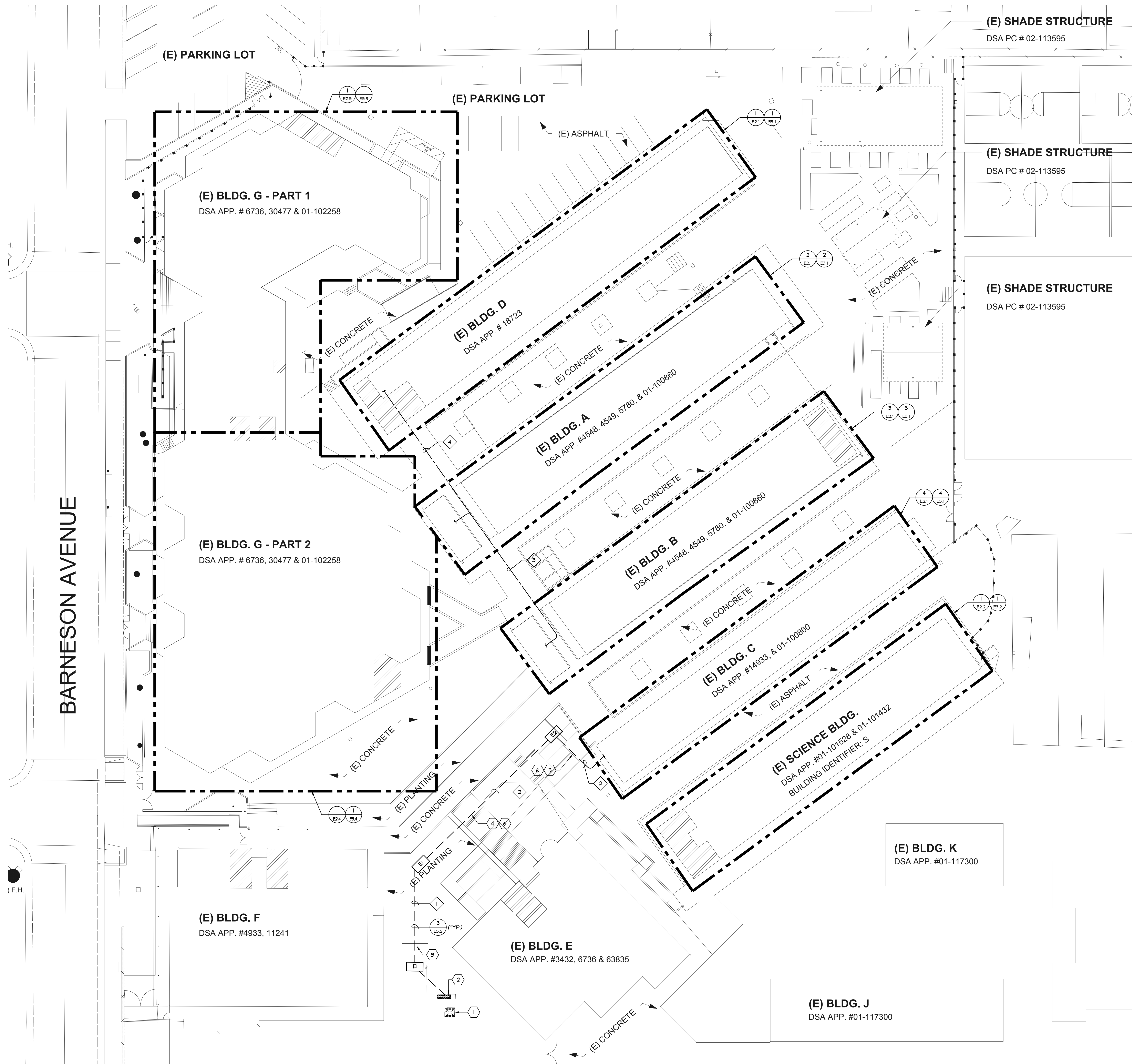
EXHAUST FANS SCHEDULE											
TAG	MANUFACTURER	MODEL NO.	AREA SERVED	AIRFLOW CFM	ESP IN. W.G.	FAN RPM	SOUND POWER SONES	MOTOR HP / WATTS	V / PH	WEIGHT LBS	MOUNTING DETAIL
EF-G-1	GREENHECK	G-140-VG	BLDG G ART 13	1000	0.25	742	5.6	1/4	115 / 1	75	1MP6.02

- WEIGHT INCLUDES ACCESSORIES.
- PROVIDE WITH UL LISTING, FAN MOUNTED SPEED CONTROL, GRAVITY OPERATED BACKDRAFT DAMPER, AND BIRD SCREEN.
- PROVIDE WITH GREENHECK ROOF CURB.
- WITH 16"Ø DUCT TO 24x24 EG-1. SEE AIR DISTRIBUTION SCHEDULE.
- EXHAUST FAN SHALL BE CONTROLLED BY LINE VOLTAGE HUMIDISTAT RH SETPOINT. EXHAUST FAN SHALL ALSO BE ALLOWED TO MANUALLY OPERATED VIA TIMER SWITCH IN PARALLEL WITH HUMIDISTAT.

ROOF HOODS SCHEDULE										
TAG	MANUFACTURER	MODEL NO.	AREA SERVED	TYPE	THROAT SIZE	HOOD SIZE	CURB CAP SIZE	WEIGHT LBS	MOUNTING DETAIL	NOTES
AI-G-1	GREENHECK	GRSI-20	BLDG G ART 13	INTAKE	20"Ø	35.5"Ø	30" x 30"	55	1MP6.02	1, 2, 3, 4

- WEIGHT INCLUDES ACCESSORIES.
- PROVIDE WITH BACKDRAFT DAMPER, AND INSECT SCREEN.
- PROVIDE WITH GREENHECK ROOF CURB.
- WITH 16"Ø DUCT TO 24x24 EG-1. SEE AIR DISTRIBUTION SCHEDULE.

CLASSROOM SPLIT SYSTEM HEAT PUMPS SCHEDULE																			
TAG	MANUFACTURER	MODEL	BUILDING	LOCATION	COOLING TOTAL MBH	HEATING TOTAL MBH	AIRFLOW CFM	OUTSIDE AIR CFM	REFRIGERANT PIPING LIQUID	PIPING GAS	SEER	HSPF	ELECTRICAL V / PH		MCA	MOCP	WEIGHT LBS	MOUNTING DETAIL	NOTES
FC-14	SAMSUNG	AM054TNZDCHIAA	BLDG D	CLASSROOM 14	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 6, 7	
HP-14	SAMSUNG	AM053TXMDCHIAA		ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-15A	SAMSUNG	AC030JXADCHIAA		CLASSROOM 15A	33	36	650	200	3/8"	3/4"	-	-	NOTE 8			125	1MP6.01	2, 3, 4, 6, 7, 8	
HP-15A	SAMSUNG	AC030KNZDCHIAA		ROOF			-	-	3/8"	3/4"	19.6	3.33	208 / 1	34	50	155	3MP6.01	1	
FC-15B	SAMSUNG	AC030JXADCHIAA		CLASSROOM 15B	33	36	650	200	3/8"	5/8"	-	-	NOTE 8			125	1MP6.01	2, 3, 4, 6, 7, 8	
HP-15B	SAMSUNG	AC030KNZDCHIAA		ROOF			-	-	3/8"	5/8"	19.6	3.33	208 / 1	21.7	35	155	3MP6.01	1	
FC-16	SAMSUNG	AM054TNZDCHIAA		CLASSROOM 16	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-16	SAMSUNG	AM053TXMDCHIAA		ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-17	SAMSUNG	AM054TNZDCHIAA		CLASSROOM 17	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-17	SAMSUNG	AM053TXMDCHIAA		ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-18	SAMSUNG	AM054TNZDCHIAA		CLASSROOM 18	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-18	SAMSUNG	AM053TXMDCHIAA		ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-19	SAMSUNG	AM054TNZDCHIAA		CLASSROOM 19	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-19	SAMSUNG	AM053TXMDCHIAA		ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-20	SAMSUNG	AM054TNZDCHIAA		BLDG A	CLASSROOM 20	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-20	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-21	SAMSUNG	AM054TNZDCHIAA			CLASSROOM 21	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-21	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-22	SAMSUNG	AM054TNZDCHIAA	CLASSROOM 22		53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-22	SAMSUNG	AM053TXMDCHIAA	ROOF				-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-23	SAMSUNG	AM054TNZDCHIAA	CLASSROOM 23		53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-23	SAMSUNG	AM053TXMDCHIAA	ROOF				-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-24	SAMSUNG	AM054TNZDCHIAA	CLASSROOM 24		53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 6, 7	
HP-24	SAMSUNG	AM053TXMDCHIAA	ROOF				-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-24A	SAMSUNG	AC024KNZDCHIAA	KITCHEN		24	27	760	150	1/4"	5/8"	-	-	NOTE 8			100	1MP6.01	2, 3, 4, 5, 6, 7, 8	
HP-24A	SAMSUNG	AC024JXADCHIAA	ROOF				-	-	1/4"	5/8"	19.5	11.5	208 / 1	13.58	20	145	3MP6.01	1	
FC-25	SAMSUNG	AM054TNZDCHIAA	BLDG B		CLASSROOM 25	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-25	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-26	SAMSUNG	AM054TNZDCHIAA			CLASSROOM 26	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-26	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-27	SAMSUNG	AM054TNZDCHIAA			CLASSROOM 27	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-27	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-28	SAMSUNG	AM054TNZDCHIAA		CLASSROOM 28	53	61	650	200	3/8"	5/8"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-28	SAMSUNG	AM053TXMDCHIAA		ROOF			-	-	3/8"	5/8"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-29	SAMSUNG	AM054TNZDCHIAA		CLASSROOM 29	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-29	SAMSUNG	AM053TXMDCHIAA		ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-30	SAMSUNG	AM054TNZDCHIAA		BLDG C	CLASSROOM 30	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-30	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-31	SAMSUNG	AM054TNZDCHIAA			CLASSROOM 31	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-31	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-32	SAMSUNG	AM054TNZDCHIAA			CLASSROOM 32	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-32	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-33	SAMSUNG	AM054TNZDCHIAA			CLASSROOM 33	53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7
HP-33	SAMSUNG	AM053TXMDCHIAA			ROOF			-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1
FC-34	SAMSUNG	AM054TNZDCHIAA	CLASSROOM 34		53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-34	SAMSUNG	AM053TXMDCHIAA	ROOF				-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	
FC-35	SAMSUNG	AM054TNZDCHIAA	CLASSROOM 35		53	61	1150	450	3/8"	3/4"	-	-	208/1	2.6	15	164	1MP6.01	2, 3, 4, 5, 6, 7	
HP-35	SAMSUNG	AM053TXMDCHIAA	ROOF				-	-	3/8"	3/4"	17.5	10	208 / 1	34	50	212	3MP6.01	1	



GENERAL NOTES:

- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE UNDERGROUND CONDUITS AND CABLING.
- 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/CONDUIT/PIPPES 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 3/ ES.2.
- SEE DEMO SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- SEE NEW SINGLE LINE DIAGRAM FOR FEEDER CABLE AND CONDUIT REQUIREMENTS.

SHEET NOTES:

- EXISTING PG#E TRANSFORMER TO REMAIN.
- EXISTING MAIN SWITCHBOARD. STUB NEW CONDUIT INTO EXISTING SWITCHBOARD AS REQUIRED.
- EXISTING RETAINING WALL AT THIS LOCATION. ROUTE NEW CONDUIT AS REQUIRED.
- EXISTING STAIRS AT THIS LOCATION. ROUTE NEW CONDUIT AS REQUIRED.
- EXISTING RAMP AT THIS LOCATION. ROUTE NEW CONDUIT AS REQUIRED.
- DIRECTIONAL BORE CONDUIT UNDER THE SURROUNDING AREAS OF THE STAIRS AND RAMP.

CONDUIT SCHEDULE:

- (N) (2) 2" - PNL 1CM
(N) (2) 4" - FUTURE BLDG 1"
- (N) (2) 2" - PNL 1CM
- (N) (2) 2" - PNL 1CM
(N) (2) 3" - PNL 1CM
(N) (2) 3" - PNL 1CM
- (N) (2) 2" - PNL 1CM

PULLBOX SCHEDULE:

- NEW B3048 ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID LABEL LID POWER.
- NEW B2456 ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID LABEL LID POWER.

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PROJECT

BOREL MIDDLE
SCHOOL - HVAC
REPLACEMENT

SAN MATEO-FOSTER CITY
SCHOOL DISTRICT

CONSULTANT

1380 The Alameda, Suite 200
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JOB # E1010330.00

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STAMP

STATE

FILE NUMBER

41-26

APPL #

01-119557

REVISIONS

No.	Description	Date
△		
△	ADDENDUM 1	11/24/2021
△	ADDENDUM 3	12/17/2021
△	ADDENDUM 4	01/06/2022

MILESTONES

DD	
90% CD	
DSA SUB	06/04/2021
BACKCHECK	10/06/2021

SHEET

ELECTRICAL
SITE PLAN

DATE

01/06/2022

JOB #

2021005.07

SHEET #

AD4-
E1.1



GENERAL NOTES:

1. ALL CONDUITS SHALL BE ROUTED CONCEALED IN CEILING BELOW WHERE POSSIBLE. ALL EXPOSED CONDUITS SHALL BE PAINTED.
2. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS AND POINTS OF CONNECTION FOR MECHANICAL UNIT WITH MECHANICAL CONTRACTOR. ADJUST LOCATION AND CONNECTION POINTS AS NEEDED.
3. SEE PANEL SCHEDULES AND SINGLE LINE DIAGRAM FOR POWER CONNECTION REQUIREMENTS.
4. COORDINATE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
5. FIRED AND UNFIRED DISCONNECT SWITCHES SHALL BE 600V RATED HEAVY DUTY CYCLE. FIRES FOR MECHANICAL UNITS SHALL BE SIZED PER THE MANUFACTURER'S RECOMMENDATION.
6. SEE DETAIL 2/E11 FOR ROOF CONDUIT SUPPORT DETAIL.
7. SEE DETAIL 3/E11 FOR NEMA-4 PULL BOX ON ROOF DETAIL.
8. VISUAL NOTIFICATION IS NOT REQUIRED FOR GO DETECTION PER IEC 118-215.1.
9. ROOFTOP UNITS CIRCUIT HOMEBUS SHALL BE ROUTED EXPOSED ON THE ROOF TO THEIR DESIGNATED PANELS. PROVIDE CONDUIT SLEEPERS AND NEMA-4 PULL CANS REQUIRED ON THE ROOF TO ROUTE PER CEC.

SHEET NOTES:

- 1 NEW 30A-2P, 240A-3R, FUSED DISCONNECT SWITCH FOR MECHANICAL UNIT.
- 2 NEW CARBON MONOXIDE DETECTOR. ROUTE NEW SLC CONNECTION BACK TO EXISTING FIRE ALARM CONTROL PANEL. NOTIFIER NFS2-3050 AS REQUIRED.
- 3 INSTALL NEW PANEL IN THE EXISTING LOCATION ON THE EXISTING ROOF MOUNTED SUPPORTS. NEW PANEL IS THE SAME SIZE AND HEIGHT AS THE PREVIOUS PANEL. CONNECT NEW FEEDERS AND BRANCH CIRCUITS TO PANEL.
- 4 PROVIDE NEW WEATHERPROOF GFCI RECEPTACLE. RECEPTACLE SHALL BE MOUNTED ON A WEATHERPROOF BOX WITH WHILE-IN-SIDE COVER. COVER SHALL BE INTERMEDIATE PROTECTION LEVEL.
- 5 PROVIDE 240V-3R, 120V MOTOR RATED SWITCH FOR ROOFTOP EXHAUST FAN. PROVIDE 120V-2P, 20A BREAKER IN THE PANEL AND CIRCUIT INDICATED. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.

CABLE SCHEDULE:

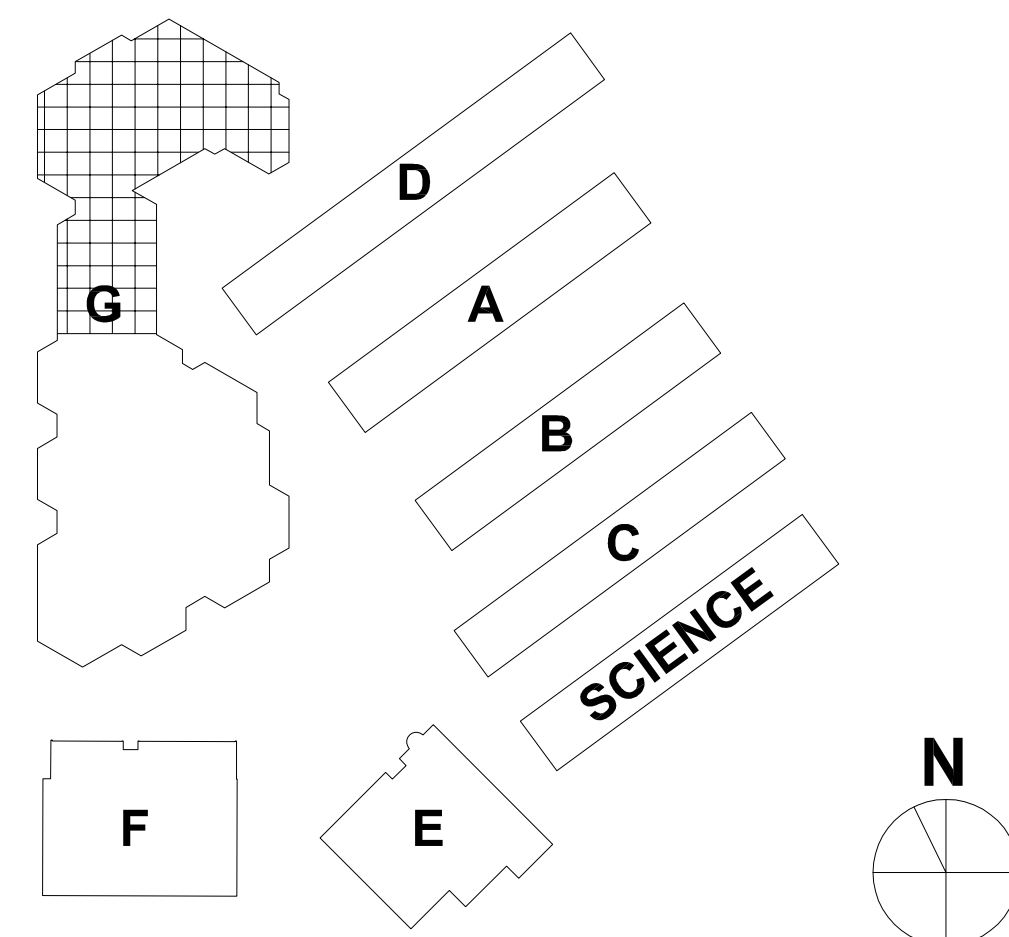
A - (1) #14 UNSHIELDED TWISTED PAIR FOR SIGNALING LINE CIRCUITS.
B - (2) #12 FOR 24V POWER (BEAM SMOKE DETECTOR)

EQUIPMENT SCHEDULE:

⊙	FIRE ALARM, N CARBON MONOXIDE DETECTOR W BASE MODEL: NOTIFIER FSG-451/B200S CSFM: 5218-0028.511/17300-1659.104
APS	FIRE ALARM, N AUXILIARY POWER SUPPLY MODEL: NOTIFIER FSP-2450 CSFM: 7B15-0028.225
⊙	FIRE ALARM, N DUCT SMOKE DETECTOR MODEL: NOTIFIER FSP-851 N B210LP MODEL: NOTIFIER DNR - INDOOR DUCT HOUSING MODEL: NOTIFIER DNRX - OUTDOOR DUCT HOUSING CSFM: 1272-0028.506 CSFM: 5240-1659.204
RM	FIRE ALARM, N RELAY MODULE MODEL: NOTIFIER FRM-H CSFM: 7300-0028.219

(E) FIRE ALARM CONTROL PANEL, NFS 320 - BATTERY CALCULATION						
QUANTITY	MODEL #	DEVICE	SUPPLY CURRENT PER	TOTAL SUPPLY CURRENT	ALARM CURRENT	TOTAL ALARM CURRENT
FIRE ALARM CONTROL PANEL						
1	CPU-NFS 320	FACP CENTRAL PROCESSING UNIT	0.8600	0.86	0.8600	0.86
(E) SLS DEVICES						
37		SMOKE DETECTOR-BASE	0.0000	0.0000	0.0040	0.1480
13		HEAT DETECTOR-BASE	0.0000	0.0000	0.0040	0.0830
2		DUST DETECTOR-DINK HOUSING	0.0000	0.0000	0.0010	0.0020
60		PULL STATION	0.0000	0.0000	0.0010	0.0060
4		RELAY MODULE	0.0010	0.0000	0.0010	0.0040
5		MONITOR MODULE	0.0010	0.0000	0.0010	0.0050
5		CONTROL MODULE	0.0010	0.0000	0.0010	0.0050
6		CO DETECTOR	0.0000	0.0000	0.0010	0.0060
(E) NOTIFICATION DEVICES						
4		HORN-STROBE 1500 - 0.50 NIATT	0.00	0.00	0.236	0.944
2		HORN-STROBE 5000 - 0.50 NIATT	0.00	0.00	0.154	0.308
1		HORN-STROBE 1500 - 0.50 NIATT	0.00	0.00	0.134	0.134
4		STROBE 1500 - 0.25 NIATT	0.00	0.00	0.078	0.312
(N) SLS DEVICES						
3	REM-1	RELAY MODULE	0.0004	0.0011	0.0008	0.0015
3	REF-551	SMOKE DETECTOR-BASE	0.0000	0.0000	0.0016	0.0148
12	REF-551 1500-III	CARBON MONITOR	0.0000	0.0000	0.0016	0.0192
			Max. Supply Current		Max. Alarm Current	2.04
Maximum Supervising Current:			0.86			
Standby Period 24 hour:			24			
Total Supervisory Reserve:			15.41 (A)			
Maximum Alarm Current:			2.04			
Alarm Period (15 minute):			0.244			
Total Alarm Reserve:			0.73 (B)			
Total Reserve Current: (A + B)			16.65			
Safety Margin (20%):			1.2			
Total Amperes Required:			14.45			

BUILDING KEY



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PROJECT

BOREL MIDDLE
SCHOOL - HVAC
REPLACEMENT

SAN MATEO-FOSTER CITY
SCHOOL DISTRICT

CONSULTANT



**American Consulting Engineers
Electrical, Inc.**

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JCB # EK21030.00

STAMP

STATE

DSA FILE NUMBER 41-26

REVISIONS

No.	Description	Date
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ADDENDUM 1 11/24/2021

ADDENDUM 3 12/17/2021

ADDENDUM 4 01/06/2022

MILESTONES

DD

90% CD

DSA SUE

BACKCHECK 10/06/20

SHEET

**ELECTRICAL NEW
PARTIAL FLOOR
PLAN - BLDG G**

DATE 01/06/2022

JOB # 2021005.07

SHEET # AD-4

E3.3

PROJECT

**BOREL MIDDLE
SCHOOL - HVAC
REPLACEMENT**

SAN MATEO-FOSTER CITY
SCHOOL DISTRICT

CONSULTANT



**American Consulting Engineers
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1380 The Alameda, Suite 200
San Jose, CA 95126
JOB # E3.4-119557

STAMP

STATE

DSA FILE NUMBER **41-26**
APPL # **01-119557**

REVISIONS

No.	Description	Date
△	ADDENDUM 1	11/24/2021
△	ADDENDUM 3	12/17/2021
△	ADDENDUM 4	01/05/2022

MILESTONES

DD	
90% CD	
DSA SUB	06/04/2021
BACKCHECK	10/06/2021

SHEET

**ELECTRICAL NEW
PARTIAL FLOOR
PLAN - BLDG G**

DATE **01/06/2022**

JOB # **2021005.07**

SHEET # **AD-4
E3.4**

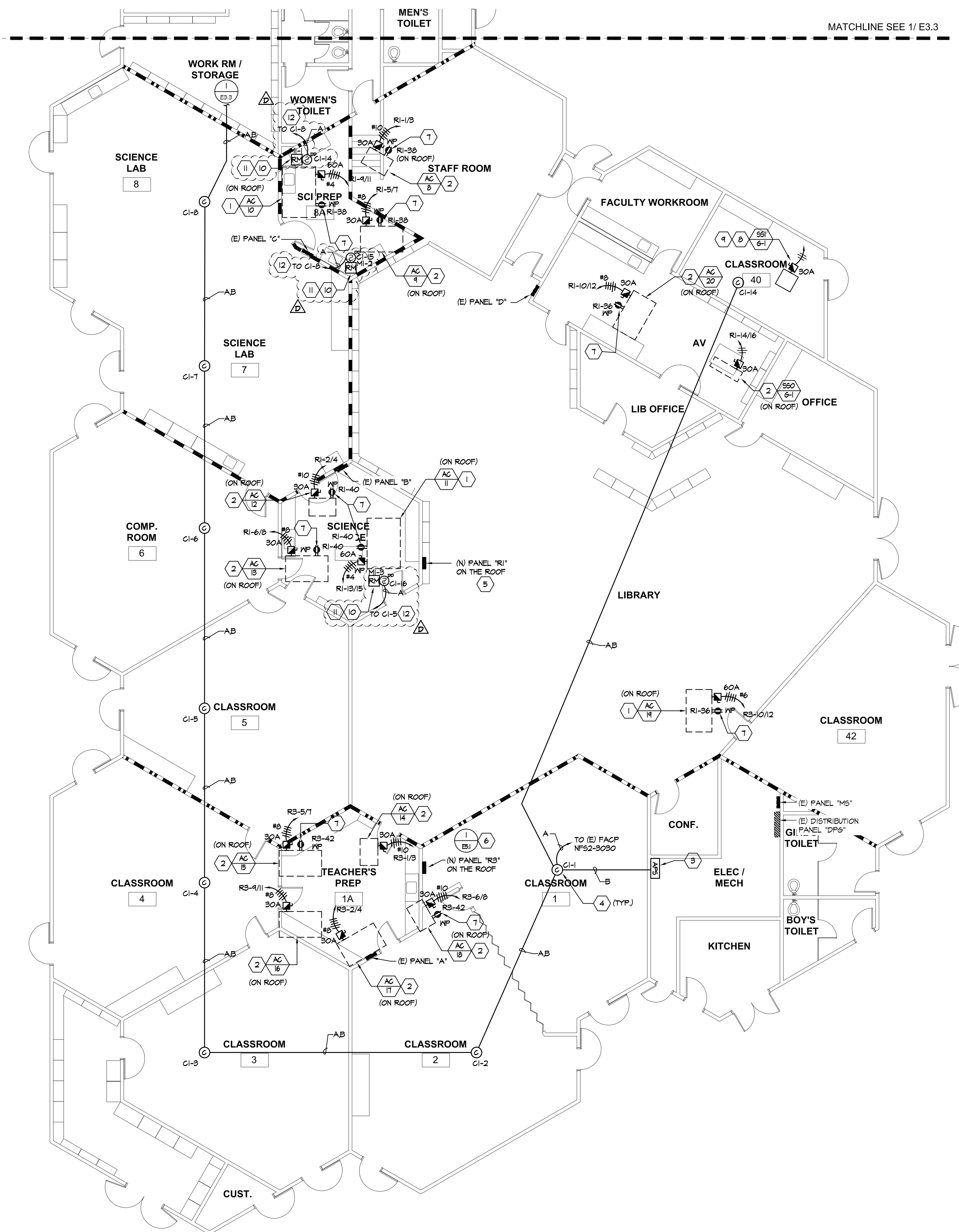
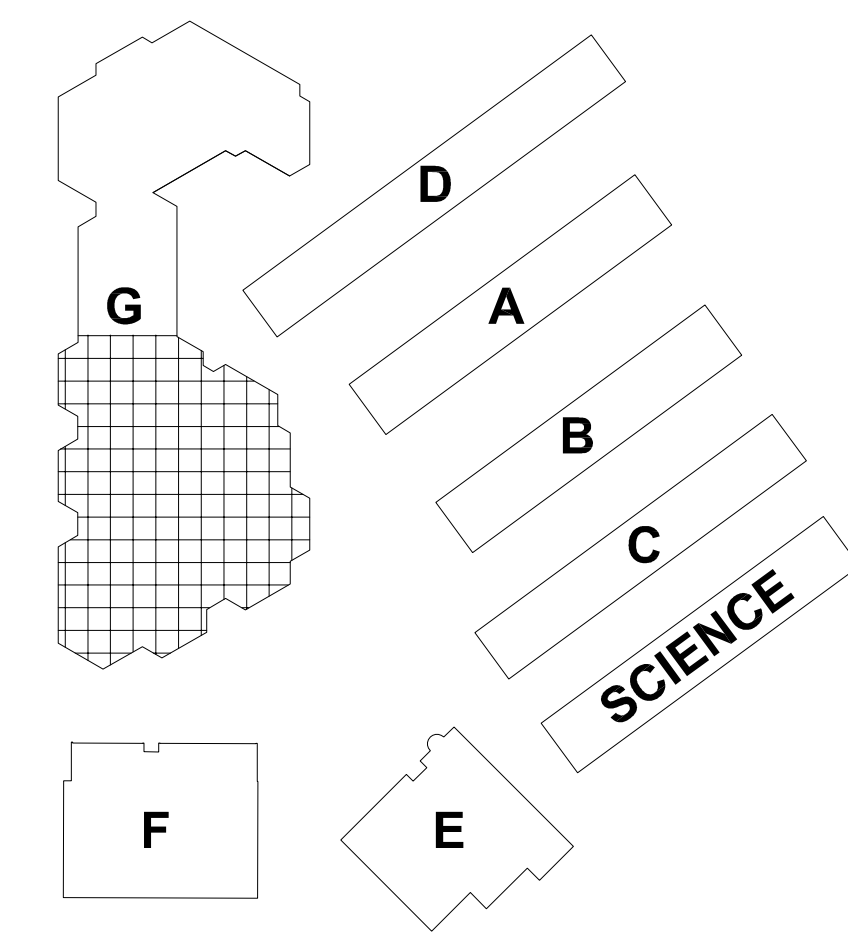
GENERAL NOTES:

- ALL CONDUITS SHALL BE ROUTED CONCEALED IN CEILING BELOW WHERE POSSIBLE. ALL EXPOSED CONDUITS SHALL BE PAINTED.
- CONTRACTOR SHALL COORDINATE EXACT LOCATIONS AND POINTS OF CONNECTION FOR MECHANICAL UNIT WITH MECHANICAL CONTRACTOR. ADJUST LOCATION AND CONNECTION POINTS AS NEEDED.
- SEE PANEL SCHEDULES AND SINGLE LINE DIAGRAM FOR POWER CONNECTION REQUIREMENTS.
- COORDINATE WITH ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- FUSED AND UNFUSED DISCONNECT SWITCHES SHALL BE 600V RATED, HEAVY DUTY CYCLE. FUSES FOR MECHANICAL UNITS SHALL BE SIZED PER THE MANUFACTURER'S RECOMMENDATION.
- SEE DETAIL 2/E5.1 FOR ROOF CONDUIT SUPPORT DETAIL.
- SEE DETAIL 3/E5.1 FOR NEMA-4 PULL BOX ON ROOF DETAIL.
- VISUAL NOTIFICATION IS NOT REQUIRED FOR CO DETECTION PER CBC 11B-25.1.
- ROOFTOP UNITS CIRCUIT HOMERUN SHALL BE ROUTED EXPOSED ON THE ROOF TO THEIR DESIGNATED PANELS. PROVIDE CONDUIT SLEEPERS AND NEMA-4 PULL CANS REQUIRED ON THE ROOF TO ROUTE PER CEC.

SHEET NOTES:

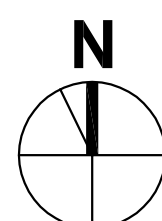
- NEW 60A-2P, NEMA-3R, FUSED DISCONNECT SWITCH FOR MECHANICAL UNIT.
- NEW 30A-2P, NEMA-3R, FUSED DISCONNECT SWITCH FOR MECHANICAL UNIT.
- NEW AUXILIARY 24V POWER SUPPLY FOR CARBON MONOXIDE DETECTORS.
- NEW CARBON MONOXIDE DETECTOR. ROUTE NEW SLG CONNECTION BACK TO EXISTING FIRE ALARM CONTROL PANEL. NOTIFIER NFS2-3030 AS REQUIRED.
- INSTALL NEW PANEL IN THE EXISTING LOCATION ON THE EXISTING ROOF MOUNTED SUPPORTS. NEW PANEL IS THE SAME SIZE AND HEIGHT AS THE PREVIOUS PANEL. CONNECT NEW FEEDERS AND BRANCH CIRCUITS TO PANEL.
- INSTALL NEW PANEL ON NEW ROOF MOUNTED SUPPORTS. CONNECT NEW FEEDERS AND BRANCH CIRCUITS TO PANEL.
- PROVIDE NEW WEATHERPROOF 6FCI RECEPTACLE. RECEPTACLE SHALL BE MOUNTED ON A WEATHERPROOF BOX WITH WHILE-IN-USE COVER. COVER SHALL BE INTERMATIC MP10IMXD "BOSS".
- NEW 30A-2P, NEMA-1, FUSED DISCONNECT SWITCH FOR MECHANICAL UNIT.
- INDOOR UNIT IS POWER BY THE OUTDOOR UNIT. ROUTE HOMERUN CIRCUIT TO ASSOCIATED OUTDOOR UNIT. REFER TO MECHANICAL SCHEDULE MPO.02 FOR ADDITIONAL REQUIREMENTS.
- PROVIDE DUCT SMOKE DETECTOR FOR MECHANICAL UNIT AC-4, AC-10 AND AC-11 AS SHOWN. COORDINATE CONNECTION REQUIREMENTS AND EXACT LOCATION WITH MECHANICAL UNIT AND MECHANICAL CONTRACTOR.
- PROVIDE RELAY MODULE FOR AUTOMATIC SHUTDOWN. COORDINATE EXACT CONNECTION REQUIREMENTS AND LOCATION WITH MECHANICAL UNIT AND MECHANICAL CONTRACTOR.
- PROVIDE NEW INITIATING CIRCUIT AND ROUTE TO NEW CARBON MONOXIDE DEVICE AS SHOWN.

BUILDING KEY



ELECTRICAL NEW PARTIAL FLOOR PLAN - BLDG G

SCALE: 1/8" = 1'-0"





January 6, 2022

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

Subject: College Park Elementary School HVAC Replacement
San Mateo - Foster City School District
Aedis Project No. 2021005.01
DSA Application #01-119530

ADDENDUM NO. 4

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

DRAWINGS

ITEM NO. 4.1: DRAWING SHEET E1.1 – Electrical Site Plan

Clarification: The background shown on sheet AD3-E1.1 in addendum 3 graphically omitted the scope of work previously clouded in addendum 1. The addendum 3 sheet AD3-E1.1 is to be replaced so its background correctly represents the scope of work as previously outlined per addendum 1.

Replace: Remove sheet AD3-E1.1 and replace completely with attached sheet AD4-E1.1. No change to scope of work in addendum 4. For scope of work refer to original sheet E1.1, addendum 1 items and clouding on sheet AD1-E1.1, and addendum 3 items and clouding on sheet AD3-E1.1.

Attachments:

Drawing:
ELECTRICAL:
SHEET AD4-E1.1

ADDENDUM NO. 4

01/06/2022

College Park Elementary School HVAC Replacement
San Mateo – Foster City School District
Aedis Project No. 2021005.01

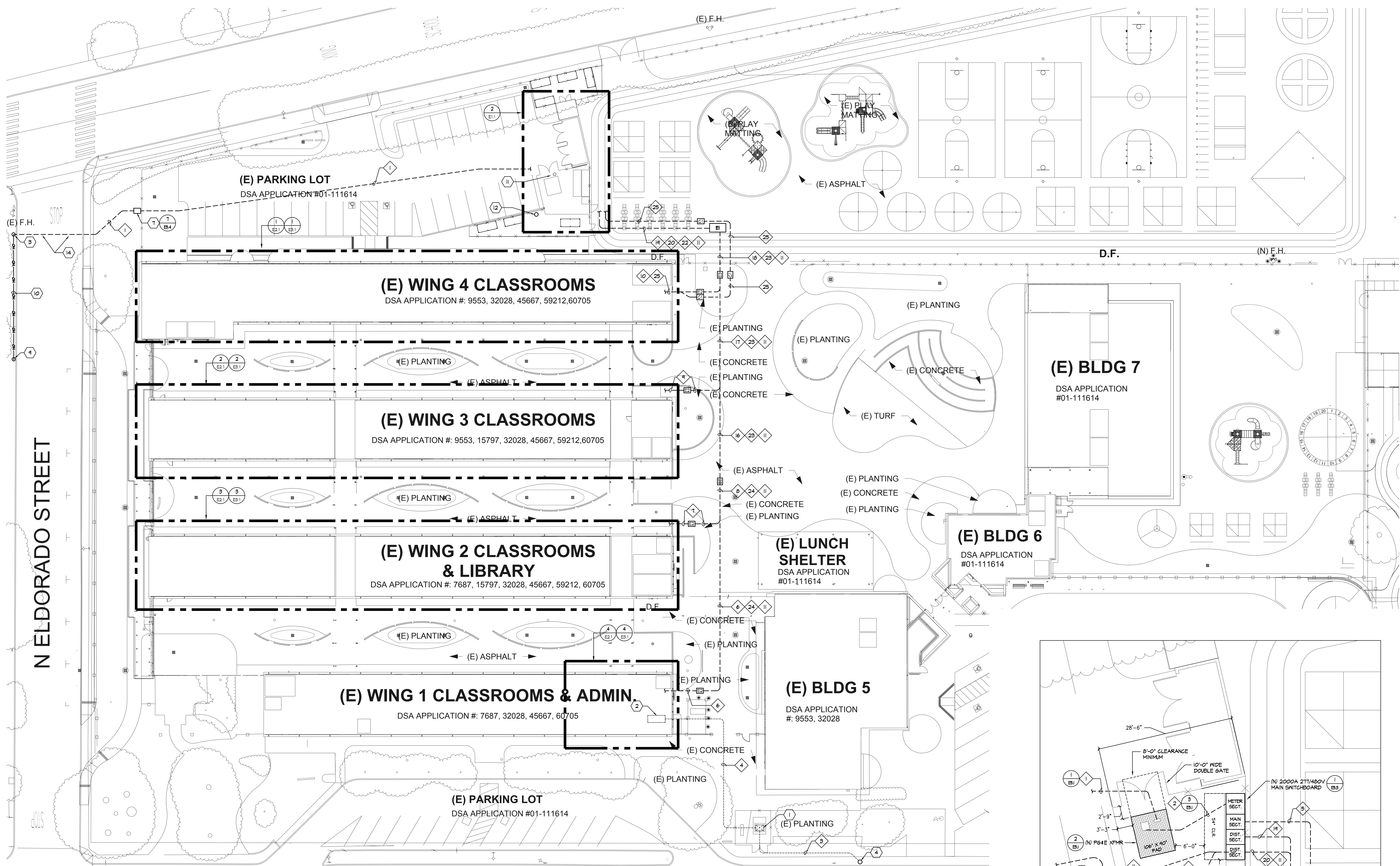


Aedis Architects
Thang Do, Principal



Electrical, American Consulting Engineers Electrical
Sammy Fernandez

Division of the State Architect



1 ELECTRICAL SITE PLAN

E1.1 SCALE: 1" = 20'-0"

GENERAL NOTES:

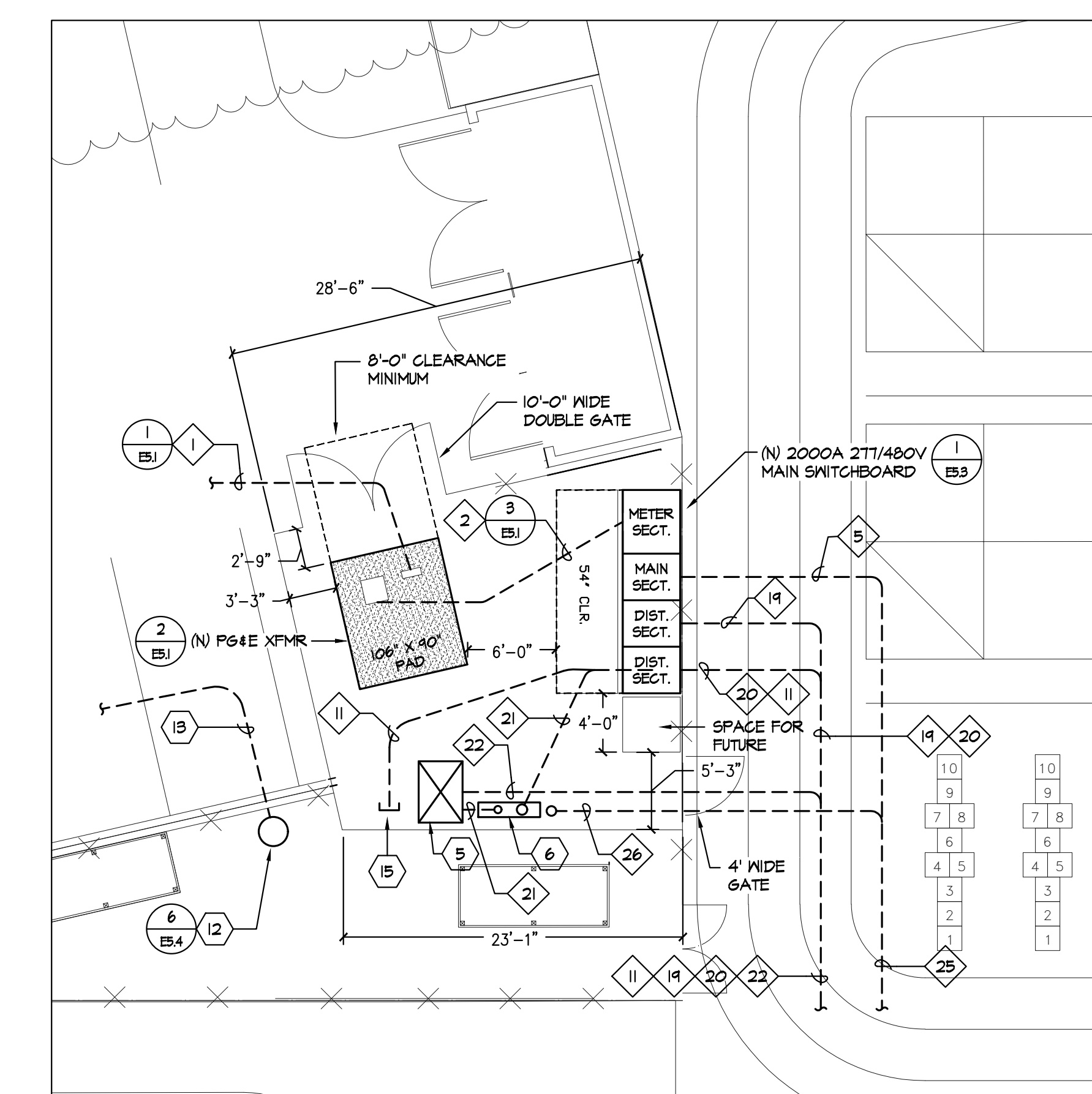
- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE UNDERGROUND CONDUITS AND CABLEING.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS, WHERE 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.
- INSTALL P64E PRIMARY TRENCH PER 1/ ES.1.
- INSTALL P64E SECONDARY TRENCH PER 3/ ES.1.
- P64E TRANSFORMER PAD SHALL BE PER 2/ ES.1.
- ALL ON SITE TRENCH SHALL BE INSTALLED PER 3/ ES.4.
- SEE THE DEMO SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- SEE NEW SINGLE LINE DIAGRAM FOR FEEDER CABLE AND CONDUIT REQUIREMENTS.
- THE CONTRACTOR SHALL MANDEREL THROUGH THE ENTIRE P64E CONDUIT SYSTEM, COORDINATE WITH P64E FOR ADDITIONAL REQUIREMENTS AND PROCEDURES.

SHEET NOTES:

- EXISTING P64E TRANSFORMER TO BE REMOVED.
- EXISTING MAIN SWITCHBOARD TO BE CONVERTED TO DISTRIBUTION PANEL DP1.
- NEW P64E UTILITY POLE WITH NEW RISER PROVIDED BY P64E.
- EXISTING P64E POLE WITH RISER.
- FUTURE PV DISTRIBUTION PANEL LOCATION, SUB CONDUIT INTO LOCATION OF CONDUIT FOR FUTURE GEAR.
- FUTURE PV DISCONNECT SWITCH LOCATION, SUB CONDUIT INTO LOCATION OF CONDUIT ENTRY FOR FUTURE SWITCH.
- NEW P64E IN-GRADE PULL BOX.
- SUB PV CONDUIT IN THIS LOCATION, CONDUIT TO BE STUBBED TO JUST OUTSIDE CONCRETE SIDEWALK.
- EXISTING P64E POLE TO REMAIN.
- NEW OVERHEAD PRIMARY PROVIDED BY P64E.
- EXISTING EXTERIOR POLE AND LIGHT FIXTURE FOR PARKING LOT TO BE RELOCATED. THE EXISTING RAISED POLE BASE TO BE DEMOLISHED AND REMOVED. EXISTING LIGHTING CIRCUITRY IS TO BE REMOVED. CONTRACTOR IS RESPONSIBLE TO LOCATE AND PREPARE THE EXISTING UNDERGROUND CIRCUITRY TO BE INTERCEPTED. REMOVE THE EXISTING LIGHTING CIRCUITRY FROM THE AREA OF NEW WORK.
- RELOCATED POLE AND LIGHT FIXTURE WITH NEW POLE BASE TO THIS APPROXIMATE LOCATION.
- PROVIDE NEW IN-GRADE PULL BOX AND NEW UNDERGROUND CONDUIT REQUIRED TO INTERCEPT THE EXISTING UNDERGROUND LIGHTING CIRCUITRY. EXTEND EXISTING CIRCUITRY WITH NEW CABLES. FOR SPLICES INSIDE THE IN-GRADE PULL BOX, PROVIDE POLARIS SUBVERSIBLE SPLICE CONNECTIONS.
- TRENCHING OCCURS ACROSS THE CITY STREET. WHERE TRENCHING OCCURS WITHIN THE CITY RIGHT-OF-WAY, STEEL PLATES WILL BE PLACED AND SECURED OVER TRENCH AFTER EVERY CONSTRUCTION WORK DAY. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE CITY PERMITS, APPROVALS, PROVIDING TRAFFIC CONTROL AND NECESSARY REPAIRS TO THE STREET AND SIDEWALKS PER THE CITY STANDARDS.
- SUB FUTURE EV CONDUIT AND CAP AT THIS APPROXIMATE LOCATION.

CONDUIT SCHEDULE:

- | | | |
|------------------------------------|-------------|------------------------------|
| 1 (N) (1) 4" - P64E PRIMARY | 13 NOT USED | 19 (N) (2) 2 1/2" - XFMR T1' |
| 2 (N) (7) 5" - P64E SECONDARY | 14 NOT USED | 20 (N) (1) 2 1/2" - XFMR T2' |
| 3 (E) (1) 4" - P64E PRIMARY | 15 NOT USED | 21 (N) (1) 2" - FUTURE PV |
| 4 (E) (5) 5" - P64E SECONDARY | | 22 (N) (2) 2 1/2" - XFMR T1' |
| 5 (N) (1) 1" - P64E COMMUNICATIONS | | 23 (N) (1) 2 1/2" - XFMR T2' |
| 6 (N) (2) 2 1/2" - XFMR T1' | | 24 (N) (1) 2" - FUTURE PV |
| 7 (N) (1) 2 1/2" - XFMR T2' | | 25 (N) (1) 2" - FUTURE PV |
| 8 (N) (2) 2 1/2" - XFMR T1' | | 26 (N) (2) 2 1/2" - XFMR T1' |
| 9 (N) (1) 2 1/2" - XFMR T2' | | 27 (N) (1) 2" - FUTURE PV |
| 10 (N) (1) 2" - FUTURE PV | | 28 (N) (1) 2" - FUTURE PV |
| 11 (N) (1) 2" - EV FUTURE | | 29 (N) (1) 2" - FUTURE PV |
| 12 NOT USED | | 30 (N) (1) 2" - FUTURE PV |
| | | 31 (N) (1) 2" - FUTURE PV |
| | | 32 (N) (1) 2" - FUTURE PV |
| | | 33 (N) (1) 2" - FUTURE PV |
| | | 34 (N) (1) 2" - FUTURE PV |
| | | 35 (N) (1) 2" - FUTURE PV |
| | | 36 (N) (1) 2" - FUTURE PV |
| | | 37 (N) (1) 2" - FUTURE PV |
| | | 38 (N) (1) 2" - FUTURE PV |
| | | 39 (N) (1) 2" - FUTURE PV |
| | | 40 (N) (1) 2" - FUTURE PV |
| | | 41 (N) (1) 2" - FUTURE PV |
| | | 42 (N) (1) 2" - FUTURE PV |
| | | 43 (N) (1) 2" - FUTURE PV |
| | | 44 (N) (1) 2" - FUTURE PV |
| | | 45 (N) (1) 2" - FUTURE PV |
| | | 46 (N) (1) 2" - FUTURE PV |
| | | 47 (N) (1) 2" - FUTURE PV |
| | | 48 (N) (1) 2" - FUTURE PV |
| | | 49 (N) (1) 2" - FUTURE PV |
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| | | 52 (N) (1) 2" - FUTURE PV |
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| | | 54 (N) (1) 2" - FUTURE PV |
| | | 55 (N) (1) 2" - FUTURE PV |
| | | 56 (N) (1) 2" - FUTURE PV |
| | | 57 (N) (1) 2" - FUTURE PV |
| | | 58 (N) (1) 2" - FUTURE PV |
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| | | 60 (N) (1) 2" - FUTURE PV |
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| | | 62 (N) (1) 2" - FUTURE PV |
| | | 63 (N) (1) 2" - FUTURE PV |
| | | 64 (N) (1) 2" - FUTURE PV |
| | | 65 (N) (1) 2" - FUTURE PV |
| | | 66 (N) (1) 2" - FUTURE PV |
| | | 67 (N) (1) 2" - FUTURE PV |
| | | 68 (N) (1) 2" - FUTURE PV |
| | | 69 (N) (1) 2" - FUTURE PV |
| | | 70 (N) (1) 2" - FUTURE PV |
| | | 71 (N) (1) 2" - FUTURE PV |
| | | 72 (N) (1) 2" - FUTURE PV |
| | | 73 (N) (1) 2" - FUTURE PV |
| | | 74 (N) (1) 2" - FUTURE PV |
| | | 75 (N) (1) 2" - FUTURE PV |
| | | 76 (N) (1) 2" - FUTURE PV |
| | | 77 (N) (1) 2" - FUTURE PV |
| | | 78 (N) (1) 2" - FUTURE PV |
| | | 79 (N) (1) 2" - FUTURE PV |
| | | 80 (N) (1) 2" - FUTURE PV |
| | | 81 (N) (1) 2" - FUTURE PV |
| | | 82 (N) (1) 2" - FUTURE PV |
| | | 83 (N) (1) 2" - FUTURE PV |
| | | 84 (N) (1) 2" - FUTURE PV |
| | | 85 (N) (1) 2" - FUTURE PV |
| | | 86 (N) (1) 2" - FUTURE PV |
| | | 87 (N) (1) 2" - FUTURE PV |
| | | 88 (N) (1) 2" - FUTURE PV |
| | | 89 (N) (1) 2" - FUTURE PV |
| | | 90 (N) (1) 2" - FUTURE PV |
| | | 91 (N) (1) 2" - FUTURE PV |
| | | 92 (N) (1) 2" - FUTURE PV |
| | | 93 (N) (1) 2" - FUTURE PV |
| | | 94 (N) (1) 2" - FUTURE PV |
| | | 95 (N) (1) 2" - FUTURE PV |
| | | 96 (N) (1) 2" - FUTURE PV |
| | | 97 (N) (1) 2" - FUTURE PV |
| | | 98 (N) (1) 2" - FUTURE PV |
| | | 99 (N) (1) 2" - FUTURE PV |
| | | 100 (N) (1) 2" - FUTURE PV |



2 ELECTRICAL SWITCHGEAR DIMENSIONS

E1.1 SCALE: 1/8" = 1'-0"

PULLBOX SCHEDULE:

- | | |
|---|---|
| 1 - NEW 4'-6"x8'-6" ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'. | 24 - NEW B2436 COMMUNICATIONS PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'COMM'. |
| 2 - NEW B2436 ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'. | 25 - NEW B2436 COMMUNICATIONS PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'COMM'. |
| 3 - NEW 5'-8" ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'. | 26 - NEW B2436 COMMUNICATIONS PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'COMM'. |
| 4 - NEW 5'-8" ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'. | 27 - NEW B2436 COMMUNICATIONS PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'COMM'. |

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PROJECT

COLLEGE PARK
ELEMENTARY
SCHOOL - HVAC
REPLACEMENT

SAN MATEO-FOSTER CITY
SCHOOL DISTRICT

CONSULTANT



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STAMP

STATE

DSA FILE NUMBER 41-26

APPL # 01-119530

REVISIONS

No.	Description	Date
1	ADDENDUM 1	11/24/2021
2	ADDENDUM 3	12/17/2021
3	ADDENDUM 4	01/06/2022

MILESTONES

DD	
90% CD	
DSA SUB	05/26/2021
BACKCHECK	10/07/2021
ADDENDUM 1	11/15/2021

SHEET

**ELECTRICAL
SITE PLAN**

DATE 01/06/2022

JOB # 2021005.01

SHEET # **AD4-
E1.1**



January 6, 2022

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

Subject: Meadow Heights Elementary School HVAC Replacement
San Mateo - Foster City School District
Aedis Project No. 2021005.04
DSA Application #01-119554

ADDENDUM NO. 4

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

GENERAL

ITEM NO. 4.1: HVAC MOCK-UP AT CLASSROOM 3

Revision: Omit work related to demolition of existing furnace system and installation of new split system FC-1 and HP-1 and framed partition enclosure in Classroom 3, with the exception of condensate line and drywell (as clarified in addendum 3), painting of exposed ductwork and hangers, and BMS programming. Provide general construction access and other work in Classroom 3 as required for complete installation of work in other rooms.

Attachments:

None

ADDENDUM NO. 4

01/06/2022

Meadow Heights Elementary School HVAC Replacement
San Mateo – Foster City School District
Aedis Project No. 2021005.04



Aedis Architects
Thang Do, Principal

Division of the State Architect



January 6, 2022

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

Subject: North Shoreview Elementary School HVAC Replacement
San Mateo - Foster City School District
Aedis Project No. 2021005.05
DSA Application #01-119526

ADDENDUM NO. 4

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

DRAWINGS

ITEM NO. 4.1: DRAWING SHEET A1.02 – Site Plan

Add: New Site Plan Keynotes 27, 28, 29, 30, and 31 and associated tags in plan per AD4-A1.02.

ITEM NO. 4.2: DRAWING SHEET E1.1 – Electrical Site Plan

Clarification: The background shown on sheet AD3-E1.1 in addendum 3 graphically omitted the scope of work previously clouded in addendum 1. The addendum 3 sheet AD3-E1.1 is to be replaced so its background correctly represents the scope of work as previously outlined per addendum 1.

Replace: Remove sheet AD3-E1.1 and replace completely with attached sheet AD4-E1.1. No change to scope of work in addendum 4. For scope of work refer to original sheet E1.1, addendum 1 items and clouding on sheet AD1-E1.1, and addendum 3 items and clouding on sheet AD3-E1.1.

Attachments:

Drawing:

ARCHITECTURAL:
SHEET AD4-A1.02

ELECTRICAL:
SHEET AD4-E1.1

ADDENDUM NO. 4

01/06/2022

North Shoreview Elementary School HVAC Replacement
San Mateo – Foster City School District
Aedis Project No. 2021005.05



Aedis Architects
Thang Do, Principal



Electrical, American Consulting Engineers Electrical
Sammy Fernandez

Division of the State Architect

GENERAL SHEET NOTES

- A BUILDINGS ARE UNSPRINKLERED. TYPE V-B CONSTRUCTION UNLESS OTHERWISE NOTED.
- B NO DEMOLITION SHALL BEGIN UNTIL PLANS INCLUDING THE DEMOLITION WORK HAVE BEEN APPROVED BY DSA.
- C CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- D DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- E PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.
- F REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EXTENT OF ELECTRICAL AND MECHANICAL WORK.
- G TOP OF EXTERIOR ELECTRICAL EQUIPMENT PADS TO BE LOCATED 12" MIN. ABOVE 10' FEMA BASE FLOOD ELEVATION, PER ASCE 24-14 TABLE 1-1. 10' FEMA BASE FLOOD ELEVATION CORRELATES TO 106.929' ON SAN MATEO SURVEY DATUM.
- H ALL EXISTING FINISHES OR MATERIALS DAMAGED OR DEMOLISHED DUE TO NEW CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL STATE, INCLUDING BUT NOT LIMITED TO REINSTALLING OR REPLACING EXISTING CHAINLINK FENCING AS REQUIRED AND RESTRIPING PAVING IN KIND, S.E.D. FOR TRENCH ROUTING. SEE ARCHITECTURAL SITE PLAN FOR STRIPING AT EXISTING PAVING.

NEW SITE PLAN KEYNOTES

- 1 (E) CHAINLINK FENCING TO REMAIN
- 2 (E) GATE TO REMAIN
- 3 (E) CONCRETE STAIRS
- 4 AT (E) CONCRETE PAVING, UTILIZE POST ANCHORAGE DETAIL 3/A8.10
- 5 CHAINLINK FENCE, SEE DETAIL 2/A8.10 AND S.E.D. 4" SPHERE SHALL NOT PASS BETWEEN FENCING AND ADJACENT SURFACES.
- 6 ELECTRICAL EQUIPMENT, SEE SHEET E1.1. TOP OF CONCRETE TO BE 108' ELEVATION PER SAN MATEO DATUM. ADJACENT A.C. TO BE 107.5' ELEVATION.
- 7 REMOVE (E) ELECTRICAL EQUIPMENT AND PAD, S.E.D.
- 8 ATTACH CHAINLINK TO (E) POLE.
- 9 CONFORM A.C. GRADING FLUSH TO ADJACENT (E) A.C. TO REMAIN. SEE 9/A8.10 FOR A.C. ASSEMBLY. GRADE A.C. TO DRAIN AROUND ELECTRICAL EQUIPMENT. COORDINATE WITH PULLBOXES INSTALLED FLUSH TO GRADE. SEE 2/E1.1.
- 10 (E) TREE TO REMAIN. ADJACENT NEW ELECTRICAL EQUIPMENT
- 11 LEVEL CLEARANCE AT FRONT OF TRANSFORMER, S.E.D.
- 12 REMOVE PAVING EXTENTS AS REQUIRED AND PREP FOR NEW WORK. SEE 2/E1.1 AND SEE 2/A1.02 FOR MORE INFORMATION.
- 13 CONTOUR LINE OF ELEVATION 107' PER SAN MATEO SURVEY DATUM, EQUIVALENT TO 10.071' PER FEMA SURVEY DATUM.
- 14 SALVAGE AND REINSTALL (E) CHAINLINK FENCING AS REQUIRED FOR CONSTRUCTION ACCESS.
- 15 (E) STEEL GRATE TO TUNNEL CRAWL SPACE BELOW.
- 16 PATCH (E) STAIRS AT ELECTRICAL TRENCHING, SEE E1.1 AND DETAIL 20/A9.10
- 17 (E) PULLBOX TO REMAIN.
- 18 (E) STRIPING TO REMAIN
- 19 REMOVE (E) RETAINING WALL
- 20 AT (E) CHAINLINK FENCING TO REMAIN ADJACENT REMOVED CHAINLINK, PREP (E) CHAINLINK FOR RECONNECTION
- 21 10'W DOUBLE GATE, SEE DETAIL 19/A9.10
- 22 REMOVE (E) POLE AND FOOTING
- 23 RETAINING WALL, SEE 10/S5.02
- 24 AT (E) CHAINLINK FENCING TO REMAIN, RECONNECT (E) CHAINLINK TO (N) POLE. SEE DETAIL 2/A8.10 SIM. FOR SIM. REQUIREMENTS.
- 25 4" DIA. POLE, 8'H, SEE 10/S5.02
- 26 (E) ARTWORK TO REMAIN, RESTRIPE IN KIND. DISTRICT TO PROVIDE ARTWORK
- 27 (E) CURB RAMP TO REMAIN
- 28 (E) PG&E UTILITY POLE TO REMAIN
- 29 (E) STOP SIGN. REPLACE PER CITY STANDARDS.
- 30 (E) CURB RAMP. REPLACE PER CITY STANDARDS
- 31 (E) PAINTED CROSSWALK TO REMAIN

STAMP

STATE

DSA FILE NUMBER 41-26

APPL # 01-119526

REVISIONS

No.	Description	Date
A	Addendum 1	11/24/21
C	Addendum 3	12/22/2021
D	Addendum 4	01/06/2022

MILESTONES

DD

90% CD

DSA SUB 05/24/2021

BACKCHECK 10/21/2021

SHEET

SITE PLAN

DATE 01/06/2022

JOB # 2021005.05

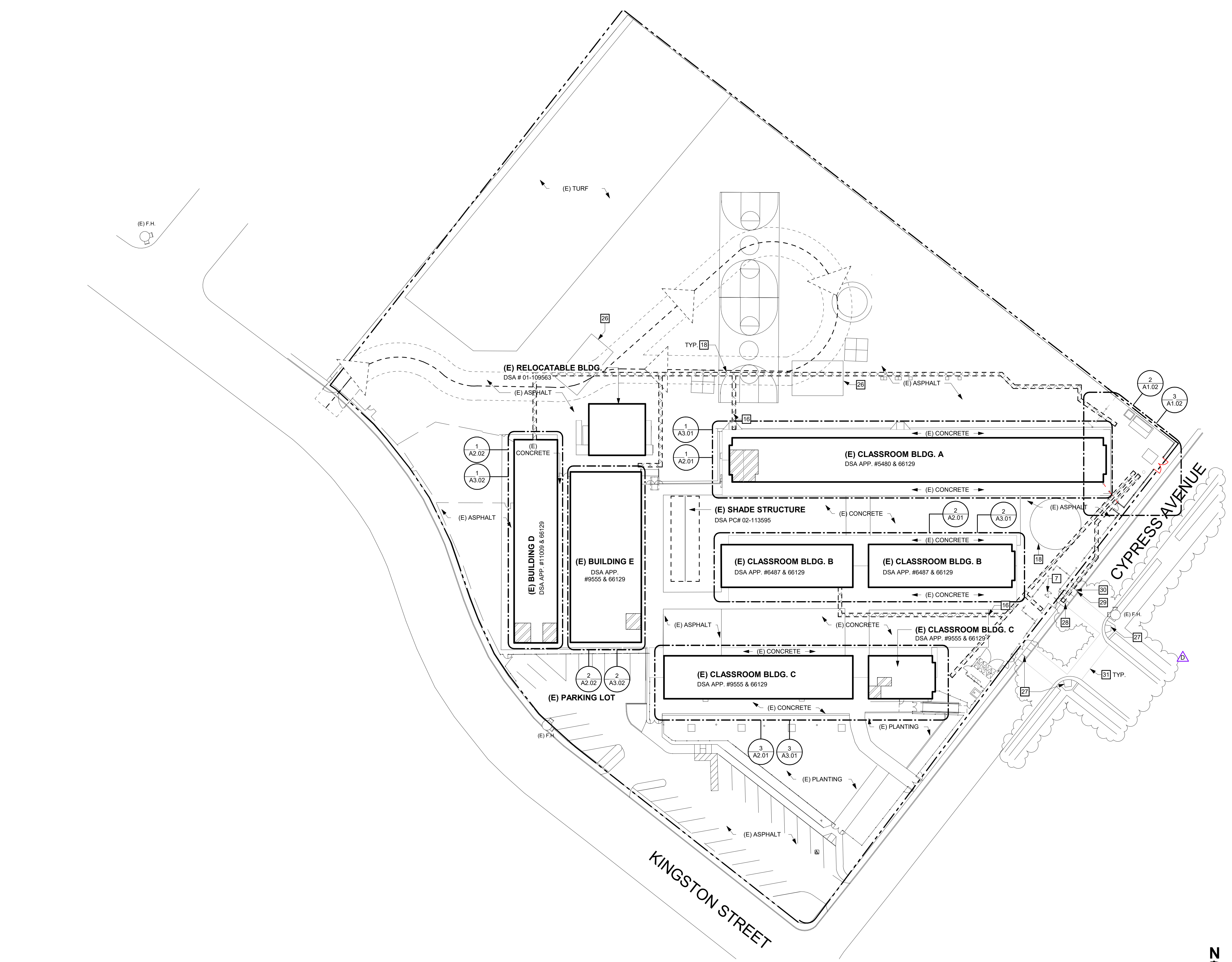
SHEET # AD4-A1.02

1 NEW SITE PLAN
SCALE: 1/32" = 1'-0"

4 EXISTING GRADING - FOR REFERENCE ONLY
SCALE: 1/16" = 1'-0"

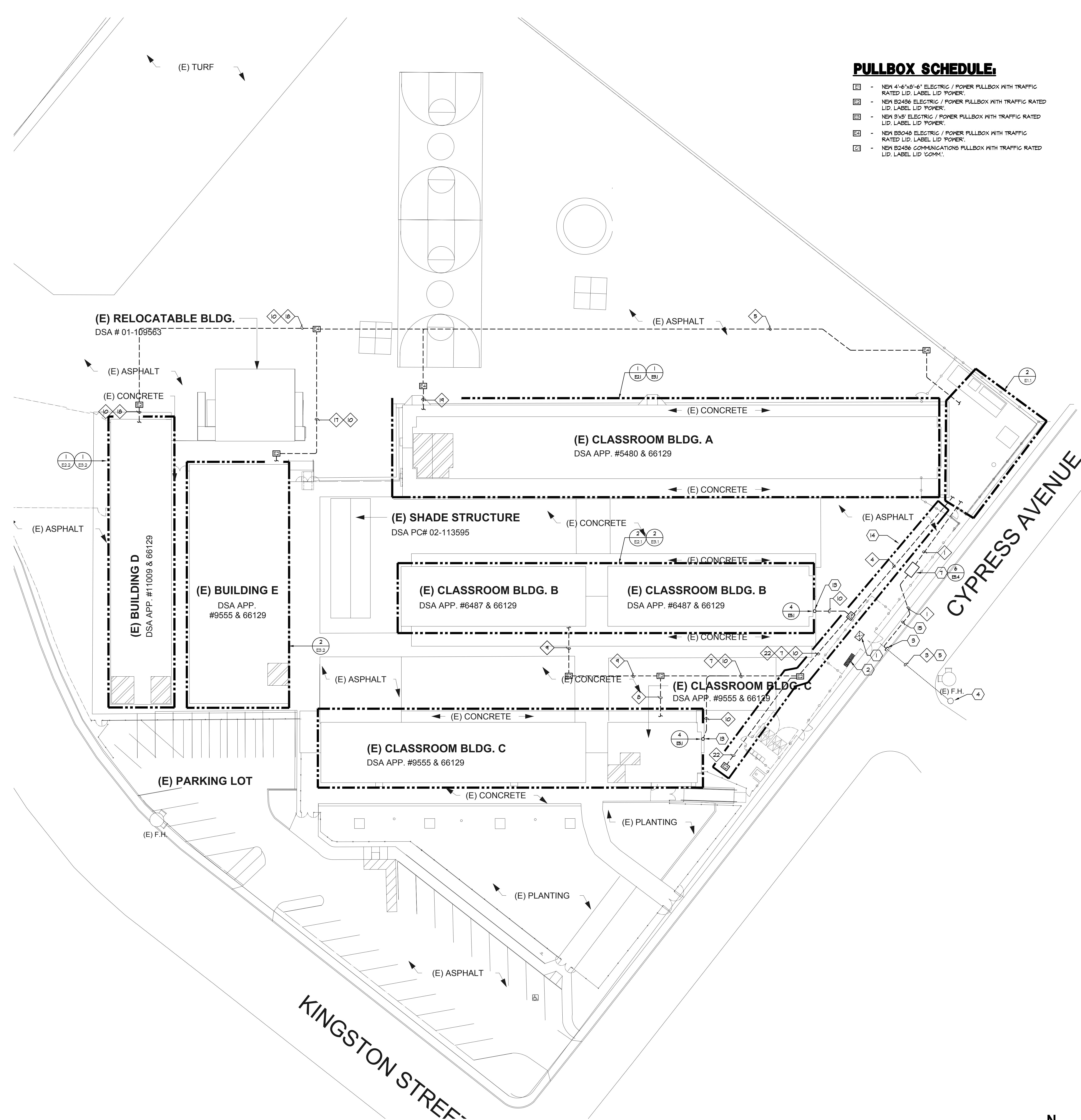
3 DEMOLITION ENLARGED SITE PLAN
SCALE: 1/16" = 1'-0"

2 NEW ENLARGED SITE PLAN
SCALE: 1/16" = 1'-0"



GRAPHIC KEY

- EXISTING TOILET ROOMS.
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING COVERED STRUCTURE
- TRENCH FOR ELECTRICAL WORK, S.E.D., 8/S5.01 & DETAILS ON SHEET A8.10
- PROPERTY LINE
- (E) CHAINLINK FENCE
- (N) CHAINLINK FENCE
- EXISTING FIRE HYDRANT
- (E) FIRE DEPARTMENT ACCESS
FIRE DEPARTMENT ACCESS IS 20'-0" WIDE AND RATED FOR 96,000 LBS.



PULLBOX SCHEDULE.

- 1 - NEW 4'-6"x8'-6" ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'.
- 2 - NEW B2486 ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'.
- 3 - NEW 9'x9' ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'.
- 4 - NEW B8048 ELECTRIC / POWER PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'POWER'.
- 5 - NEW B2486 COMMUNICATIONS PULLBOX WITH TRAFFIC RATED LID, LABEL LID 'COMM'.

GENERAL NOTES:

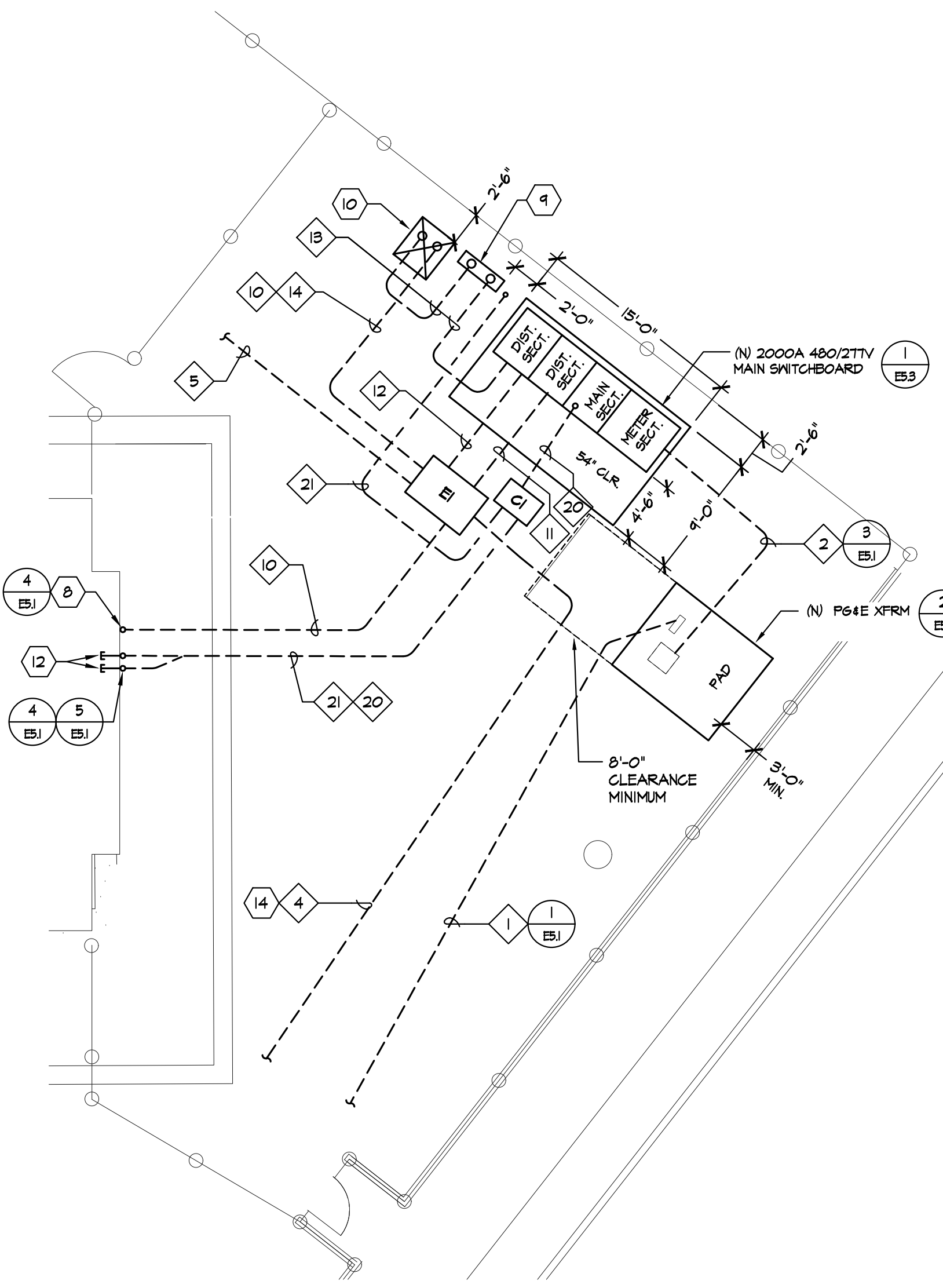
- CONTRACTOR SHALL COORDINATE UNDERGROUND REQUIREMENTS WITH ALL OTHER TRADES TO AVOID CONFLICTS.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE UNDERGROUND CONDUITS AND CABLES.
- CONTRACTOR TO SITE SURVEY EXISTING CONDITIONS AND LOCATIONS OF EXISTING UNDERGROUND SYSTEMS, WHERE 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.
- INSTALL PG&E PRIMARY TRENCH PER 1/ E5.1.
- INSTALL PG&E SECONDARY TRENCH PER 3/ E5.1.
- PG&E TRANSFORMER PAD SHALL BE PER 2/ E5.1.
- ALL ON SITE TRENCH SHALL BE INSTALLED PER 3/ E5.4.
- SEE THE DEMO SINGLE LINE DIAGRAM FOR ADDITIONAL REQUIREMENTS.
- SEE NEW SINGLE LINE DIAGRAM FOR FEEDER CABLE AND CONDUIT REQUIREMENTS.
- THE CONTRACTOR SHALL HANDREL THROUGH THE ENTIRE PG&E CONDUIT SYSTEM, COORDINATE WITH PG&E FOR ADDITIONAL REQUIREMENTS AND PROCEDURES.

SHEET NOTES:

- 1 EXISTING PG&E TRANSFORMER TO BE REMOVED.
- 2 EXISTING MAIN SWITCHBOARD TO BE CONVERTED TO DISTRIBUTION PANEL 'DPI'.
- 3 INTERCEPT EXISTING PG&E PRIMARY CONDUIT.
- 4 EXISTING PG&E UTILITY POLE WITH RISER.
- 5 EXISTING PG&E PRIMARY STREET CROSSING TO REMAIN. INTERCEPT THE PRIMARY CONDUIT ON THE SCHOOL SIDE OF THE STREET AND EXTEND AS SHOWN.
- 6 EXISTING PG&E GAS METER LOCATION.
- 7 NEW 9'x9' PG&E PULLBOX.
- 8 STUB PV CONDUIT IN THIS LOCATION, CONDUIT TO BE STUBBED UP AT BUILDING'S WALL. STUB UP AT +18" A.F.F. AND CAP.
- 9 FUTURE PV DISCONNECT SWITCH.
- 10 FUTURE PV DISTRIBUTION PANEL.
- 11 NEW 225KVVA TRANSFORMER 'TDPI'.
- 12 STUB CONDUIT HIGH ON THE WALL, INSIDE THE ROOM AT CEILING LEVEL. VERIFY LOCATION WITH EXISTING ROOM CONDITION AND LAYOUT.
- 13 STUB PV CONDUIT IN THIS LOCATION, CONDUIT TO BE STUBBED UP AT BUILDING'S WALL. STUB UP AT +18" A.F.F. AND CAP.
- 14 CONTRACTOR SHALL DIRECTIONAL BORE THE UNDERGROUND CONDUIT ROUTED IN THIS AREA.
- 15 CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE CITY PERMITS, APPROVALS, PROVIDING TRAFFIC CONTROL AND THE NECESSARY REPAIRS TO THE STREET AND SIDEWALKS PER THE CITY STANDARDS.

CONDUIT SCHEDULE.

- 1 (N) (1) 4" - PG&E PRIMARY
- 2 (N) (1) 5" - PG&E SECONDARY
- 3 (N) (1) 4" - PG&E PRIMARY
- 4 (N) (1) 2 1/2" - PANEL 'BM'
- 5 (N) (1) 2 1/2" - PANEL 'CM'
- 6 NOT USED.
- 7 (N) (1) 2 1/2" - PANEL 'BM'
- 8 (N) (1) 2 1/2" - PANEL 'CM'
- 9 (N) (1) 2 1/2" - PANEL 'BM'
- 10 (N) (1) 2 1/2" - FUTURE PV
- 11 (N) (1) 2 1/2" - PANEL 'BM'
- 12 (N) (1) 4" - PANEL 'AM'
- 13 (N) (1) 2 1/2" - PANEL 'DM'
- 14 (N) (5) 2 1/2" - FUTURE PV
- 15 NOT USED.
- 16 NOT USED.
- 17 (N) (1) 4" - PANEL 'BM'
- 18 (N) (1) 2 1/2" - PANEL 'DM'
- 19 (N) (1) 4" - PANEL 'AM'
- 20 (N) (1) 1" - PG&E COMMUNICATIONS
- 21 (N) (1) 2" - FUTURE PV COMMUNICATIONS
- 22 (N) (2) 2 1/2" - FUTURE EV



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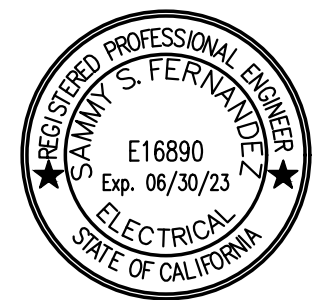
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PROJECT

NORTH
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SAN MATEO-FOSTER CITY
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DSA FILE NUMBER 41-26
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REVISIONS

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3	ADDENDUM 4	01/06/2022

MILESTONES

DD	
90% CD	
DSA SUB	05/24/2021
BACKCHECK	10/13/2021

SHEET

ELECTRICAL
SITE PLAN

DATE 01/06/2022

JOB # 2021005.05

SHEET # AD4-

E1.1

ELECTRICAL SITE PLAN

SCALE: 1" = 20'-0"

ELECTRICAL SWITCHGEAR DIMENSIONS

SCALE: 1/8"=1'-0"