

Bid No. 24-214
ADDENDUM NO. 3

**San Mateo-Foster City School District
Bowditch Middle School
Academic Quad Bidding with Gymnasium Building
(Also Known As: Academic Core and Gym)**

D.S.A. File # 41-26

D.S.A. Application # 01-120473 Academic Quad Bidding with # 01-120472 Gymnasium

Date: 8 December 2023

Owner: San Mateo-Foster City School District (SMFCUSD)
1170 Chess Drive
Foster City, CA 94404

Project: Bowditch Middle School
Academic Quad and Gymnasium Building
1450 Tarpon Street
Foster City, CA 94404

Architect: Harley Ellis Devereaux (HED)
417 Montgomery Street, Suite 400
San Francisco, CA 94104

By: Michael J. Myers, AIA

This Addendum has been prepared to clarify, modify, delete, or add to the drawings and/or specifications for the above referenced project, and revisions to items listed here shall supersede description thereof prior to the above stated date. All conditions not specifically referenced here shall remain the same. It is the obligation of the Prime Contractor to make subcontractors aware of any items herein that may affect submitted bids.

Acknowledge receipt of this addendum by inserting its number and date in the Bid Form. Failure to do so may subject bidder to disqualification.

All addenda items refer to the drawings and specifications unless specifically noted otherwise.

TOTAL PAGES IN THIS ADDENDUM (excluding attachments): 6

PART A – CHANGES TO PROCUREMENT AND CONTRACTING REQUIREMENTS

AD-3.A01 **Revise Bid Date:** Revise INVITATION TO BID DOCUMENT 00 11 16-1- Sealed Bids will be received until **January 09, 2024 at 2:00 p.m.** at the San Mateo-Foster City School District Office, located at 1170 Chess Dr., Foster City, CA, 9440.

See below for the following dates revised per document INSTRUCTIONS TO BIDDERS DOCUMENT 00 21 13-1:

- Last day for Pre-Bid Substitution Request: Monday, December 19, 2023
- Last day for Pre-Bid RFI: Wednesday January 03, 2024
- Addendum #4 shall be issued Thursday, December 21, 2023 – will include Final MEP Contractors pre-qualified through Quality Bidders by the SMFCUSD.

AD-3.A02 **SMFCUSD Preliminary Pre-Qualified Contractors List:** Attached find a preliminary pre-qualified list of contractors by the San Mateo Foster City Unified School District.

AD-3.A03 **SMFCUSD Pre-Bid Conference Agenda & Sign-In Sheet:** Attached find the agenda and (2) versions of the sign in sheet for the meeting held at Bowditch Middle School - 9am November 30, 2023.

AD-3.A04 **Section 01 23 00 Schedule of Alternates:** Section 01 23 00, Paragraph 4 lists three alternates below:
4.1. SCHEDULE OF ALTERNATES
4.1.1.1. ~~Building S – New Library Building~~
4.1.1.2. Building T – New Counselling Office Building
4.1.1.3. Freestanding Canopy Structures

Remove item 4.1.1.1 Building S from this list. Provide deductive bid alternates for Building T and the free-standing canopy structures.

PART B – CHANGES TO SPECIFICATIONS

AD-3.B01 **Gymnasium – Add Wall Padding Manufacturer** – See Spec Section 11 66 23 Part 2.06. Add Sports Venue Padding as acceptable manufacturer. Their product meets or exceeds basis of design. See also item AD-3.D03 below.

AD-3.B02 **Academic Quad & Gymnasium – Section 09 54 26 Suspended Wood Ceilings – Panel Attachment to Grid:** The details show a hook clip system to grid. Reference details 1/A-576 (Gym) and Detail 1/A-583 (Quad).

Please revise Specification Section 09 54 26 Part 2.02 C 4. to read: Panel attachment to Suspension Grid: T-Bar Hook Armstrong Item 5986.

- AD-2.B03 **Gymnasium – Replace Section 11 66 23 - Gymnasium Equipment**
 - Delete Section 11 66 23 – Gymnasium Equipment in its entirety and replace with 11 66 23 - Gymnasium Equipment Addendum #3 attached to this addendum. Note that revised sections have been highlighted.
- AD-3.B04 **Gymnasium – Replace Section 11 66 43 – Interior Scoreboards:**
 Delete Section 11 66 43 – Gymnasium Equipment in its entirety and replace with 11 66 43 - Gymnasium Equipment Addendum #3 attached to this addendum. Note that revised sections have been highlighted.
- AD-3.B05 **Gymnasium – Add Locker Manufacturer** – See Spec Section 11 66 23 Part 2.04. Add Lockers Mfg. (www.lockersmfg.com) as acceptable manufacturer. Their product meets pr exceeds basis of design. See also item AD-2.D16 below.

PART C – CHANGES TO DRAWINGS

- AD-3.C01 **Gymnasium – Corrupt Interior Elevation Sheet A-414:** Sheet A414 in the DSA approved bid set was issued in a corrupt state. Attached find a readable version of this sheet.
- AD-3.C02 **Gymnasium – Revise Wall Padding Height:** Interior Elevation 1 / A-411: Revise wall padding height to 6'-2" AFF. Use standard 5'-10" panels without nailing margins.
- AD-3.C03 **Gymnasium - Audio Visual Scope:** Add general note to Electrical Signal Plan Sheet E-401: All Audio-Visual scope shown is pathway only. Coordinate work with district Audio Visual contractor.
- AD-3.C04 **Gymnasium – Clarify Backstop Control - Electrical Changes:** See attached sheets **E-301,E-601,E-703** - Addendum #3. They clarify Backstop, Divider Curtain, & Telescoping Bleacher control.
- AD-3.C05 **Academic Quad – Interior Window Openings W5&W6:** See sheets A-411 and A-412. Revise keynote 1.11 on both sheets to read "HOLLOW METAL WINDOW SYSTEM. SEE WINDOW SCHEDULE ON SHEET A-601"

PART D– BIDDER QUESTIONS

- AD-3.D01 **Sign-In Sheet :** May I please request a Sign-in sheet (11/30) from the MANDATORY pre-bid for the mentioned project.

Answer: See item AD-3.A02 above. Sign in sheet attached to this addendum.

- AD-3.D02 **Synthetic Turf Alternate :** We would like to submit an equal to alternate for synthetic turf in spec section 32 18 13. Please see attached a spec sheet for our Max Play product which has installed previously in the San Mateo Foster City USD.

Answer: Not acceptable.

- Max Play is a lesser turf because the face weight/density (blades per inch measured in ounces) is considerably less than the specified Envy Play per plan.
 - The overall height is shorter making it look less natural.
 - Omega blade shapes tend to split sooner than the simpler S shape on the Envy Play - The more complex the blade shape the more weak points are introduced into the structure.
 - The 10,800 density of the alternative turf may make the blades stiff and prickly and may not be comfortable for the students.
 - There are other considerations as well like drainage, accessibility, IPEMA certification, fire rating, and control in manufacturing which were mentioned in my previous email. The specified Envy Play has flow through drainage which is more superior to hole-punched drainage.
- Basis of design shall remain the specified Envy Play synthetic turf system.

AD-3.D03 Gymnasium Wall Padding Alternate : Attached is a substitution request for wall paddings per Spec Section 11 66 23 which has been submitted by Woody Nevils of Sports Venue Padding who is a bidding sub-contractor. Please review and advise whether the product they are requesting to use is acceptable.

Answer: Acceptable. Sports Venue padding meets or exceeds properties of basis of design wall padding. See also item AD-3.B01 above.

AD-3.D04 Future Bid Walks : We were at the job walk location for the Bowditch MS Gym Quad today (11/30 @ 9:30am) for the time that is advertised in red on SF Builder's Exchange. Our PM was there along with a few others that read the same time, but unfortunately missed the actual time which was 9am. We are very interested in bidding this project. Would there possibly be a way for us to reschedule another job walk? Would there be another job we could try to bid coming up?

Answer: No further bid walks scheduled at this time. Please check the San Mateo-Foster City School District website for all the posting of all construction projects.

AD-3.D05 Gymnasium - Wall Padding Height: Section 11 66 23: Interior Elevations show wall pads scaled to 6'-2"h, including the nailing margins. To get to the 6'-2"h, a custom sized wall pad is required. Per Paragraph 2.06.A.10.a., wall pads are noted as 6'-0"h. Wall Pads are available in standard 24"w x 6'-0"h (including nailing margin), which is more cost effective. Finally, Detail 13, A594 shows wall pads without nailing margins and using a hidden Z-Clip attachment. A standard height for wall pads without nailing margins is 5'-10"h.

Answer: Use 5'-10" panels without nailing margins. Panels lower 4" – justify to top of base.

AD-3.D06 Gymnasium - Divider Curtain Clarification: Section 11 66 23: Paragraph 2.03.M.1. calls for a Ridge fold divider curtain which is designed to follow the slope of the roof. However, the drawings show a Center-Roll divider curtain, which has a flat upper support tube and the curtain is half mesh and half vinyl. Please confirm if a Ridge fold (spec) or Center Roll (drawings) divider curtain is required.

Answer: Center roll curtain per drawings. Porter #2080 Series listed. See also item AD-2.B03 above.

AD-3.D07 **Gymnasium – Shot Clocks:** Section 11 66 43: Paragraph 2.05.G. notes to include hardware for mounting shot clocks to ceiling-suspended backstops. However, per the Interior Elevations, Keynote 1.37 shows the shot clocks mounted to the wall. Please confirm if the shot clocks will be mounted to the basketball backstops or the walls.

Answer: Per drawings, wall mounted adjacent scoreboard per drawings. See also item AD-3.B04 above.

AD-3.D08 **Suspended Wood Ceiling Attachment :** The specification section 09 54 26 "2.02 SUSPENDED WOOD CEILING SYSTEM" and details have conflicting information. The spec calls out for direct screw attachment to suspension grid. The details show a hook clip system to grid. Reference Spec 09 54 26 - 2 as well as Detail 1/A-576 and Detail 1/A-583. Please confirm it is acceptable to direct screw attach wood panels to suspension grid. 9.4 Panel Attachment

Answer: Not Acceptable. See item AD-3.B02 above.

AD-3.D09 **Gymnasium - Audio Visual Scope :** For the Gym- Note 8 and 15 on sheet E-401 shows AV devices but there are no specifications for the items. Please confirm if there should be AV scope included in this bid. If so, please provide specifications and line/functional diagrams for the systems required.

Answer: Pathway only for Audio Visual Scope. Audio/Visual Contractor will be hired by owner directly. See also item AD-3.C03 above.

AD-3.D10 **Academic Quad - Audio Visual Scope:** For the Quad : Do the classrooms require AV systems? The legend on plan sheet E-001 mentions 2x2 ceiling speaker for classroom Audio System.

Answer: Ignore this symbol in the legend on sheet E-001. All classroom A/V by district out of contract.

AD-3.D11 **Academic Quad - Folding Doors #S06C & #T17A:** Per door schedule sheet A-601, Door #S06C & Door #T17A are SL70 Nanawall folding doors. However, the notes column on this sheet calls out #S06C to be a sliding door. As per our review this is supposed to be a folding door too. Also, we confirmed with Nanawall that SL70 only comes as a folding door and not as a sliding door. Please confirm this door to be a folding door.

Answer: Confirmed – folding door. Also please see Addendum #2 item AD-2.C02 Academic Quad – Interior Sliding and Folding Glazed Wall and Door : See door Schedule on A-601. Revise the Sliding and Folding Glazed Wall and Door in Bldg. S, door S06C, to SL45. This applies to the Frame Type also.

AD-3.D12 **Academic Quad - Window Opening W6:** As per interior elevation sheet 11/A-412, The window opening (W6) has a note 1.11. This note says the window to be an aluminum storefront window system. However, per window schedule sheet

A-602 window W6 is specified as HM window. Please confirm this window to be an Alum Storefront system or HM window?

Answer: Acoustic Hollow Metal Window per detail 13/A-551. See also item AD-3.C05 above.

AD-3.D13 **Academic Quad - Window Opening W5:** W5 interior elevation sheet 26/A-411 calls out this window opening to be an aluminum storefront window system. Again, the window schedule sheet A-602 window W5 is specified as HM window. Please confirm this window to be an Alum Storefront system or HM window?

Answer: Hollow Metal Window per detail 14/A-551. . See also item AD-3.C05 above.

AD-3.D14 **Schedule of Alternates:** Spec Section 01 23 00, Paragraph 4 lists three alternates below:

4.1. SCHEDULE OF ALTERNATES

4.1.1.1. Building S – New Library Building

4.1.1.2. Building T – New Counselling Office Building

4.1.1.3. Freestanding Canopy Structures

But the bid form only indicates two of the three alternates described in Section 01 23 00. Please advise on the correct # of alternates to be priced.

Answer: See item AD-3.A02 above.

AD-3.D15 **Pre-Qualified Bidders List:** I am contacting you regarding the upcoming project stated above. Is there a prime bidders list available? Our team would like to make sure that all eligible prime bidders receive our landscape and irrigation quote.

Answer: See item AD-3.A01 above.

AD-3.D16 **Metal Lockers Substitution Request:** We are requesting the brand approval of **“LockersMFG (Lockers Manufacturing)”** to be added as an acceptable manufacture for Bowditch Middle School Academic Quad & Gymnasium Building.

Answer: See item AD-3.B05 above.

ATTACHMENTS

1. Pre-Bid agenda Academic Core and Gym 11.13.23 and 11.30.23
2. Sign In Sheet-Bid Walk- Academic Core and Gym 11.30.23
3. SMFCUSD Preliminary Pre-Qualified Contractors List
4. Gymnasium – Specification Section 11 66 23
5. Gymnasium – Specification Section 11 66 43
6. Gymnasium Drawings - Readable Interior Elevation Sheet A-414. Revised sheets E-301, E-601, & E-703.

END OF ADDENDUM

PRE-BID CONFERENCE

San Mateo-Foster City School District
Bowditch Middle School
1450 Tarpon Street
Foster City, CA

November 13, 2023 at 10:30 a.m. & November 30, 2023 at 9:00 a.m.

Bid No. 24-214

**New Gym – Project 24-214A
&
New Academic Core (3 classroom bldgs., Library bldg., & Counseling
Bldg.) – Project 24-214B**

AGENDA

1. Introductions

HED Design

- a. Rob Filary
rfilary@hed.design
- b. Chris Ramm
cramm@hed.design

San Mateo-Foster City School District

- a. Bob Price – Construction Project Manager
rprice@smfcsd.net (650) 312-7499
- b. Melany Ronzani – Construction Project Engineer
mronzani@smfcsd.net (650) 638-7040

IOR – Kory Gilbert, Jr.

2. Attendance Sheet

- Please sign in on the attendance sheet. Sign-in is a requirement in order to bid the project.

3. Project Description/Scope

- Building a new Gym Building, 3 classroom buildings, Library, & Counseling building along with associated sitework
- Access to site – construction entrances are the current EVA/Trash/Food truck entrances off of Beach Park Blvd. and the future EVA off of Swordfish which is the current construction entrance for Phase 1 (The Phase 1 construction is scheduled to be complete in May '24)
- Staging area – will be required to coordinate with District
- Temp. fencing – whatever is needed for this contractor to make work area(s) safe and secure – will need to be approved by the District

4. Access to the site

- No deliveries during school drop-off and pick-up times
- Large vehicles are not allowed on neighboring streets around the school during drop-off and pick-up times

5. Single Source Items –

- Door Hardware (Schlage/Von Duprin)
- Plumbing (American Standard)
- Energy Management System (Delta)
- Fire Alarm (Notifier)
- Camera System (Verkada)
- Intrusion Alarm (Verkada)
- Toilet partitions (Bobrick)
- Clock-Bell-Announcement System (Advanced Network Devices)
- Thermostats (Delta)
- Water bottle fillers/water fountains (Haws)
- HVAC (Rooftop – Carrier, Trane, & York)
- HVAC (Heat Pump System – Samsung)

6. Deadlines

- Time is of the Essence on this Project. The District will work with the Contractor on scheduling issues to the greatest extent possible. However, the Contractor will be ultimately responsible for meeting the required Completion Dates.

7. Milestone Completion Dates

- ❖ December 8, 2023 – Last day for RFI's (5 p.m. deadline)
- ❖ December 13, 2023 – Last Addendum (at the latest)
- ❖ December 20, 2023 – Bids due at 2:00 pm
- ❖ January 5, 2023 – Notice of Award (Tentative)
- ❖ January 8-19, 2024 – Bonds & Insurance submitted to the District and Submittals to the Architect
- ❖ January 22, 2024 – Notice to Proceed (Tentative)
- ❖ January 29, 2024 – Construction activities start (including fencing)
- ❖ HED has prepared a phasing plan/map for the entire project
- ❖ December 31, 2025 - Contract Completion

8. Worker Conduct

- Fingerprinting is required per state law. The District Fingerprint/Criminal Background Form (Document 00 45 85) is part of the construction documents and will be adhered to completely.
- All workers are expected to conduct themselves in a professional manner. Smoking of any kind is NOT permitted on the school campus. There is a \$100 fine for each occurrence.

9. Work Hours

- Contractor shall work normal working hours as allowed by the City of Foster City. The contractor must notify the District 24 hours in advance of work, in writing, on the weekends.
- The contractor must notify the District 72 hours in writing, in advance, of any utility shut-downs. Utility shut-downs will need to be coordinated with the District in advance.

10. Labor Compliance Program

- This is a prevailing wage job. The contractor is required to follow the CA Department of Industrial Relations (DIR) requirements. Outlined in Document 00 21 13.

11. Pre-Qualification

- Contractors (A or B license) must be pre-qualified, through Quality Bidders, to bid this project. The MEP contractors must also be pre-qualified, through Quality Bidders, to bid this project. The Prequalification application period will end on December 6, 2023.

12. Underground utilities

- Contractor will be responsible for all UG locating services, pot-holing, and verifying depths.

13. Reference Drawings

The construction drawings are available at the following **Builders Exchanges**:
Construction Bidboard (Ebidboard) support@ebidboard.com

Dodge Data & Analytics support@construction.com

The San Francisco Builders Exchange deanna@bxofsf.com

Bay Area Builders Exchange info@bayareabx.com

AND

ARC Reprographics ARC San Carlos – Bid Services

Contact: Scott Braley

Tel: (650) 631-2310

Email: sancarlos@e-arc.com

The bidder is responsible for all printing, shipping and handling fees.

14. Bidding Documents (listed in Document 00 21 13)

- a. District's Bid Form (Document 00 41 13)
- b. Bid Bond or other security (Document 00 43 13)
- c. Designated Subcontractors List (Document 00 43 36)
- d. Site-Visit Certification (Document 00 45 01)
- e. Non-collusion Declaration (Document 00 45 19)
- f. Iran Contracting Act Certification (Document 00 45 22)

15. Questions?

Pre-Bid questions – submit to Rob Filary and Chris Ramm at HED Design at rfilary@hed.design and cramm@hed.design and cc to Bob Price at rprice@smfcsd.net and Melany Ronzani at mronzani@smfcsd.net – include Bowditch Academic Core and Gym Buildings in the “subject line”

Thank You

MANDATORY BID WAK

Bid No. 24-214**BOWDITCH MIDDLE SCHOOL NEW GYM AND ACADEMIC CORE****PROJECT NO. 24-214A & 24-214B****11/30/2023****MANDATORY BID WALK TIME: 9:00 AM**

COMPANY NAME		CONTACT INFORMATION	ADDRESS
1	Rodan Builders Inc	CONTACT: Kyle Bell	ADDRESS: 3486 Investment Blvd, Suite B Hayward, CA 94545
		PHONE: (650) 863-5328	
		E-MAIL: bids@rodanbuilders.com	
2	Thompson Builders Inc	CONTACT: Chase Halleck	ADDRESS: 5400 Hanna Ranch Rd Novato, CA 94945
		PHONE: (949) 525-6179	
		E-MAIL: chaseh@tbcorp.com	
3	Duran & Venables	CONTACT: Mike Garza	ADDRESS: 748 S Hillview Dr Milpitas, CA 95035
		PHONE: (408) 590-2924	
		E-MAIL: mike@dvpere.com	
4	Edward W. Scott Electric Co.	CONTACT: Maurits Van Dam	ADDRESS: 500 W Ohio Ave Richmond, CA 94804
		PHONE: (415) 827-8612	
		E-MAIL: mvandam@scottelectric.com	
5	BHM Construction	CONTACT: April Karsemeyer	ADDRESS: 221 Gateway Rd W, Suite 405 Napa, CA 94558
		PHONE: (707) 643-4580	
		E-MAIL: bid@bhmconstruction.com	
6	Rodan Builders Inc	CONTACT: Victor Marcelo	ADDRESS: 3486 Investment Blvd, Suite B Hayward, CA 94545
		PHONE: (650) 863-8663	
		E-MAIL: bids@rodanbuilders.com	
7	Mcguire and Hester	CONTACT: Andrew Clemons	ADDRESS: 2810 Harbor Bay Parkway Alameda, CA 94502
		PHONE: (510) 632-7676	
		E-MAIL: estimating@mcguireandhester.com	
8	Midstate Construction	CONTACT: Sam Morita	ADDRESS: 1180 Holm Rd Petaluma, CA 94954
		PHONE: (707) 331-2935	
		E-MAIL: bidroom@midstateconstruction.com	

MANDATORY BID WAK



BOWDITCH MIDDLE SCHOOL NEW GYM AND ACADEMIC CORE

PROJECT NO. 24-214A & 24-214B

11/30/2023

MANDATORY BID WALK TIME: 9:00 AM

COMPANY NAME		CONTACT INFORMATION	ADDRESS
9	Collins Electrical	CONTACT: Cliff Perini PHONE: (925) 381-2055 E-MAIL: cperini@collinselectric.com	ADDRESS: 357 Stealth Ct Livermore, CA 94551
10	Alten Construction	CONTACT: Simon Chin PHONE: (510) 234-4200 ext 33 E-MAIL: bids@altenconstruction.com	ADDRESS: 1141 Marina Way South Richmond, CA 94804
11	O'grady Paving	CONTACT: Israel Feghali-Mills PHONE: (650) 280-1211 E-MAIL: limills@ogradypaving.com	ADDRESS: 2513 Wyandotte St Mountain View, CA 94043
12	Johnson Controls	CONTACT: Regina Reed PHONE: (925) 290-5404 E-MAIL: Regina Reed	ADDRESS: 6952 Preston Ave, Suite A Livermore, CA 94551
13	Sausal Corp	CONTACT: Teena Singley PHONE: (925) 568-2200 E-MAIL: tisingley@sausal.net	ADDRESS: 3550 Willow Pass Rd Concord, CA 94519
14	Interstate Grading & Paving Inc	CONTACT: Tina Mason PHONE: (650) 952-7333 E-MAIL: tina@igpinc.com	ADDRESS: 128 S Maple Ave South San Francisco, CA 94079
15	Fos Electric	CONTACT: Alex Pisarevsky PHONE: (650) 291-3371 E-MAIL: alex@foselectric.net	ADDRESS: 1556 Fitzgerald Dr 349 Pinole, CA 94564
16	Taft Electric	CONTACT: Star Cheng PHONE: (510) 342-2626 E-MAIL: scheng@taftelectric.com	ADDRESS: 14359 Catalina St San Leandro, CA 94577
17	CWS Construction Group Inc	CONTACT: Paige Chittenden PHONE: (415) 209-0229 E-MAIL: bids@altenconstruction.com	ADDRESS: 1301 Grant Ave, Suite B Novato, CA 94945

MANDATORY BID WAK



BOWDITCH MIDDLE SCHOOL NEW GYM AND ACADEMIC CORE

PROJECT NO. 24-214A & 24-214B

11/30/2023

MANDATORY BID WALK TIME: 9:00 AM

COMPANY NAME		CONTACT INFORMATION	ADDRESS
18	Lathrop Construction Associates Inc	CONTACT: Matt O'Brien PHONE: (707) 771-8569 E-MAIL: matt.obrien@lathropconstruction.com	ADDRESS: 4001 Park Rd Benicia, CA 94510
19	SJ Amoroso Construction	CONTACT: Billy-Joel Celeste PHONE: (650) 730-0017 E-MAIL: bceleste@sjamoroso.com	ADDRESS: 390 Bridge Pkwy Redwood City, CA 94065
20	HED Design	CONTACT: Chris Ramm PHONE: (916) 508-3382 E-MAIL: cramm@hed.design	ADDRESS: 1235 R St Sacramento, CA 95811
21		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS:
22		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS:
23		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS:
24		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS:
25		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS:
26		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS:

MANDATORY BID WALK



SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT

BOWDITCH MIDDLE SCHOOL NEW GYM AND ACADEMIC CORE

PROJECT NO. 24-214A & 24-214B

11/30/2023

MANDATORY BID WALK TIME: 9:00 AM

	COMPANY NAME	CONTACT INFORMATION	ADDRESS
9	Taft Electric	CONTACT: Star Cheng PHONE: 510-342-2626 E-MAIL: scheng@taftelectric.com	14359 Catalina St San Leandro CA 94577
10	CWS construction group, inc.	CONTACT: Paige Chittenden PHONE: 415-209-0229 E-MAIL: bidscws@gmail.com	1301 Grant Ave, Suite B Novato, CA
11	Lathrop Construction Associates, Inc.	CONTACT: Matt O'Brien PHONE: 707-771-8569 E-MAIL: matt.obrien@lathropconstruction.com	4001 Park Rd, Benicia, CA 94510
12	San Amador Construction SJ Amador Construction	CONTACT: Billy-Joe Celeste PHONE: 650.730.0017 E-MAIL: BCELESTE@SJAMADOR.COM	300 Bridge Pkwy Redwood City, 94065
13	Chris Rumm HED	CONTACT: Chris Rumm PHONE: 416.508.3382 E-MAIL: crumm@hed.design	1235 R ST SACTO, CA 95811
14		CONTACT: _____ PHONE: _____ E-MAIL: _____	
15		CONTACT: _____ PHONE: _____ E-MAIL: _____	
16		CONTACT: _____ PHONE: _____ E-MAIL: _____	
17		CONTACT: _____ PHONE: _____ E-MAIL: _____	

MANDATORY BID WALK



SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT

BOWDITCH MIDDLE SCHOOL NEW GYM AND ACADEMIC CORE

PROJECT NO. 24-214A & 24-214B

11/30/2023

MANDATORY BID WALK TIME: 9:00 AM

	COMPANY NAME	CONTACT INFORMATION	ADDRESS
9	JOHNSON CONTROLS Fire protection	CONTACT: REG REED PHONE: 925-290-5404 E-MAIL: REGINA@reed@tcl.com	6952 PRESTON AVE LIVERMORE, CA 94551
10	SAUSAL CORP.	CONTACT: Teena Singley PHONE: 925-568-2200 E-MAIL: tsingley@sausal.net	3550 Willow Pass Rd. Concord, Ca. 94519
11	Interstate Grading & Paving Inc	CONTACT: Tina PHONE: 650-952-7333 E-MAIL: tina@igpinc.com	128 S. Maple Ave SSF CA 94080
12	FOS ELECTRIC	CONTACT: Alex Pisarevsky PHONE: 650-291-3371 E-MAIL: alex@foselectric.net	Pinehole, CA
13		CONTACT: _____ PHONE: _____ E-MAIL: _____	
14		CONTACT: _____ PHONE: _____ E-MAIL: _____	
15		CONTACT: _____ PHONE: _____ E-MAIL: _____	
16		CONTACT: _____ PHONE: _____ E-MAIL: _____	
17		CONTACT: _____ PHONE: _____ E-MAIL: _____	

MANDATORY BID WALK

Bid No. 24-214

BOWDITCH MIDDLE SCHOOL NEW GYM AND ACADEMIC CORE

PROJECT NO. 24-214A & 24-214B

11/30/2023

MANDATORY BID WALK TIME: 9:00 AM



	COMPANY NAME	CONTACT INFORMATION	ADDRESS
1	McGuire and Hester	CONTACT: Andrew Clemons PHONE: 510-632-7676 E-MAIL: estimating@mcguireandhester.com	ADDRESS: 2810 Harbor Bay Parkway Alameda, CA 94502
2	Midstate Construction	CONTACT: Sam Morita PHONE: 707-331-2935 E-MAIL: bidroom@midstateconstruction.com	ADDRESS: 1180 Holm Rd Petaluma CA 94954
3	Collins Electrical	CONTACT: Cliff Perini PHONE: 925-381-2055 E-MAIL: cperini@collinselectrical.com	ADDRESS: 357 Stealth Court Livermore, CA 94551
4	Altan Construction	CONTACT: Simon Chiu PHONE: 510-234-4200 x33 E-MAIL: bids@altanconstruction.com	ADDRESS: 1141 Marina Way South Richmond, CA 94804
5	O'GRADY PAVING	CONTACT: ISRAEL FEGHALI-MILLS PHONE: 650-280-1211 E-MAIL: imills@ogradypaths.com	ADDRESS: 2513 WYANDOTTE DR. Mountain View, CA 94043
6		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS: _____
7		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS: _____
8		CONTACT: _____ PHONE: _____ E-MAIL: _____	ADDRESS: _____

MANDATORY BID WALK



SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT

BOWDITCH MIDDLE SCHOOL NEW GYM AND ACADEMIC CORE

PROJECT NO. 24-214A & 24-214B

11/30/2023

MANDATORY BID WALK TIME: 9:00 AM

	COMPANY NAME	CONTACT INFORMATION	ADDRESS
9	Rodan Builders Inc.	CONTACT: Kyle Bell PHONE: (650) 863-5328 E-MAIL: bids@rodanbuilders.com	3486 Investment Blvd. suite B, Hayward CA 94545
10	Thompson Builders Inc.	CONTACT: Chase Halleck PHONE: (949) 525-6179 E-MAIL: chaseh@tbcorp.com	5400 Hanna Ranch Rd. Novato, CA, 94945
11	Durapi + Venable	CONTACT: MIKE GARZA PHONE: 408-590-2924 E-MAIL: MIKE@DUPARE.COM	748 South Hillview Dr Milpitas, CA 95035
12	Edward W. Scott Electric Co.	CONTACT: MAURITS VAN DAM PHONE: 415-827-8612 E-MAIL: MVANDAM@SCOTTELECTRIC.COM	500 W. OHIO AVE RICHMOND, CA, 94804
13	BHM CONSTRUCTION	CONTACT: APRIL KARSEMEYER PHONE: 707-643-4580 E-MAIL: BIDS@BHMCONSTRUCTION.COM	221 GATEWAY RDW, STE 405 - NAPA, CA 94558
14	Rodan Builders	CONTACT: Victor Morale PHONE: 650 868 8663 E-MAIL: bids@rodanbuilders.com	3486 Investment Blvd Ste B Hayward 94545
15		CONTACT: _____ PHONE: _____ E-MAIL: _____	
16		CONTACT: _____ PHONE: _____ E-MAIL: _____	
17		CONTACT: _____ PHONE: _____ E-MAIL: _____	



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved A/B General Contractor \$50M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
BHM Construction, Inc.	April Karsemeyer	221 Gateway Rd West, Suite 405, Napa, CA, 94558	707-643-4580	707-643-4581	bids@bhmconstruction.com	900404_	B (General Building Contractor), A (General Engineering Contractor)	10/18/2024	\$55,000,000
C. Overaa & Co.	Martha Castañeda	200 Parr Boulevard, Richmond, CA, 94801	510-234-0926	510-237-2435	marthac@overaa.com	106793_	A (General Engineering Contractor), B (General Building Contractor)	03/17/2024	\$50,000,000
Class Leasing LLC	Darren Sylvia	1651 S Juanita St, San Jacinto, CA, 92543	951-238-7299	951-943-5768	dsylvia@classleasing.net	1001535	B (General Building Contractor)	03/22/2024	\$170,000,000
Gilbane Building Company	Alina Shiller	2033 Gateway Place, Suite 450, San Jose, CA, 95110	408-674-4400		ashiller@gilbaneco.com	777701_	B (General Building Contractor)	11/01/2024	\$325,000,000
Hellas Construction	Andrew Clough	12000 West Parmer Lane, Austin, TX, 78613	512-250-2910	512-250-1960	aclough@hellasconstruction.com	852751_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-61 (Limited Specialty)	11/20/2024	\$50,000,000
Landmark Modernization Contractors	Ellen Kelton	4312 Anthony Court Suite B, Rocklin, CA 95677	916-663-1953	916-663-1867	ekelton@landmarkconst.net	807981_	A (General Engineering Contractor), B (General Building Contractor)	11/14/2024	\$66,000,000
Lathrop Construction Associates, Inc.	Ricky J. Martellaro	4001 Park Road Benicia CA 94510	707-746-8000	707-746-8080	bids@lathropconstruction.com	415981_	B (General Building Contractor), A (General Engineering Contractor)	12/05/2023	\$74,000,000
McGuire and Hester	Mabel Cater	2810 Harbor Bay Parkway, Alameda, CA 94502	510-632-7676	510-562-5209	estimating@mcguireandhester.com	95879_	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-27 (Landscaping Contractor), C-31 (Construction Zone Traffic Control Contractor), HAZ (Hazardous Substance Removal Certification)	10/24/2024	\$78,000,000
Rodan Builders, Inc.	Laurie Kaminski	3486 Investment Blvd, Suite B, Hayward, CA 94545	650-508-1700	650-508-1705	lkaminski@rodanbuilders.com	858119_	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-13 (Fencing Contractor)	11/14/2024	\$66,000,000
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_	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-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$380,000,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved A/B General Contractor \$50M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Turner Construction	Victor Nuñez	300 Frank H. Ogawa Plaza, Ste. 510, Oakland, CA 94612	510-381-9050	510-751-5435	vnunez@tcco.com	210639_	A (General Engineering Contractor), B (General Building Contractor)	07/13/2024	\$750,000,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-4 Hot Water Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
ACCO ENGINEERED SYSTEMS INC dba ACCO ENGINEERED SYSTEMS	Cindi Adler	888 East Walnut Street, Pasadena, CA 91101(HQ)1133 Aladdin Avenue San Leandro, CA 94577	818-244-6571	000-000-0000	cadler@accoes.com	120696_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	10/18/2024	\$12,000,000
Aire Sheet Metal, Inc.	Barrie Solomon	1973 East Bayshore Road, Redwood City, CA 94063	650-364-8081	650-369-8357	barrie@airesm.com	271264_	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)	11/14/2024	\$4,700,000
American Mechanical, INC. dba American Mechanical; IQ Controls	Kelli Blocker	1275 Boulevard Way, Walnut Creek, CA, 94595	925-946-9101	925-943-6224	kmblocker@ami-hvac.com	883177_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor)	11/14/2024	\$250,000
American Plumbing Systems, Inc dba APSI	Jay Hanacek	161 Palm Ave, Suite 9, Auburn, CA, 95603	530-537-2949	530-537-2597	jay@americanplumbingsystems.com	990571_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	11/20/2024	\$1,500,000
Bay City Mechanical, Inc.	Crystal Rougeau	870 Harbour Way South Richmond , Ca 94804	510-233-7000	510-669-9856	Crystal@baycitymech.com	645126_	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)	12/07/2023	\$12,000,000
Bay Point Control, Inc. DBA Marina Mechanical	Jamie Wallace	799 Thornton Street, San Leandro, CA, 94577	510-614-3500	510-614-4583	jwallace@marinam.com	416198_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-38 (Refrigeration Contractor), C-2 (Insulation and Acoustical Contractor), C-43 (Sheet Metal Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor)	03/21/2024	\$1,700,000
Bell Products, Inc.	Gina Massolo	722 Soscol Ave, Napa, CA, 94559	707-255-1811	707-255-1908	gmassolo@bellproducts.com	171534_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), A (General Engineering Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	01/10/2024	\$2,300,000
Bellanti Plumbing Inc.	Ron Bellanti	121 South Maple Ave #10, SOUTH SAN FRANCISCO, CA, 94080	650-588-2990	650-588-0721	rjbellanti@bellantiplumbing.com	327664_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), C-16 (Fire Protection Contractor)	10/18/2024	\$6,500,000
Brady Air Conditioning, Inc.	Daniela Rivera	338 No. Canal St., #5, So. San Francisco, CA, 94080	650-742-9640		ap@bradyair.com	585882_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-16 (Fire Protection Contractor)	10/24/2024	\$200,000
Dowdle & Sons Mechanical, Inc.	Shelley Dowdle	100 Tower Road American Canyon CA 94503, American Canyon, CA, 94503	707-224-6968	707-224-7885	shelley@dowdleandsonsmec.h.com	542743_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), A (General Engineering Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	10/23/2024	\$6,200,000

Approved C-4 Hot Water Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Environmental Systems, Inc.	Donna Nyblom	3353 De La Cruz Blvd., Santa Clara, CA, 95054	408-980-1711	408-980-0714	dnyblom@esite.net	422478_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-38 (Refrigeration Contractor)	11/28/2024	\$18,000,000
FAMAND INC DBA INDOOR ENVIRONMENTAL SERVICES	Jeanine Zito	1604 Airport Blvd, Santa Rosa, CA, 95403	916-803-5178	916-348-3020	jzito@ies-hvac.com	0646794	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), C-38 (Refrigeration Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$25,000,000
Flanders Heat And Air Systems INC.	Bret Flanders	555 peters ave #255, pleasanton, CA, 94566	925-461-3333	925-461-7419	b.flanders@sbcglobal.net	677502_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$1,200,000
ICOM Mechanical, Inc	Cindy Tatsumi	477 Burke Street, San Jose, CA, 95112	408-792-2240	408-292-4968	ctatsumi@icominc.com	408622_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), B (General Building Contractor)	09/11/2024	\$1,500,000
J.W. McClenahan Co.	Melissa Treft	2301 Palm Ave. San Mateo CA 94403,	650-345-1691	650-345-5681	mtreft@jwmcco.com	308818_	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-42 (Sanitation System Contractor), C-60 (Welding Contractor)	11/14/2024	\$13,000,000
Kevin M Sullivan & Associates Inc.	Beverly Nunes	431 N Buchanan Circle #2, Martinez , CA, 94553	925-825-5625 x214	925-825-5681	samantha@sullivanhvac.com	887975_	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), C-36 (Plumbing Contractor)	02/27/2024	\$5,000,000
Los Angeles Air Conditioning, Inc.	Jasmin Castanon-Carrillo	1714 Lindbergh Ct., La Verne, CA, 91750	909-596-7077	909-596-6657	jasmin@laair.net	208872_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	03/21/2024	\$3,700,000
M3 MEP, LLC	Anisa Gutierrez-Castro	5101 Florin Perkins Rd, Sacramento, CA, 95826	916-381-8080	916-386-0363	estimating@mark-three.com	1098716	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), A (General Engineering Contractor), B (General Building 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-7 (Low Voltage Systems Contractor)	11/20/2024	\$8,500,000
Matrix HG, Inc	Ashley Silva	115 Mason Circle, suite B, Concord, CA, 94520	925-459-9200	925-459-9220	projects@matrixhginc.com	812232_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor), B (General Building Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor)	02/28/2024	\$12,500,000
O.C. McDonald Co., Inc.	Heidi Dunn	1150 W. San Carlos St., San Jose, CA, 95126	408-295-2182 x314	408-295-0626	hdunn@ocmcdonald.com	177271_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), A (General Engineering Contractor), B (General Building 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)	01/25/2024	\$2,800,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-4 Hot Water Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
PacificWest Energy Solutions, Inc.	Norma Evans	9250 Reseda Blvd #500, Northridge, CA 91324	562-774-3210	800-310-9596	nevans@pacificwestinc.com	888597_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	01/23/2024	\$3,900,000
ROUNTREE PLUMBING AND HEATING INC.	STEPHEN SINGEWALD	1624 Santa Clara Dr. Suite 120, Roseville, CA, 95661	650-298-0312		dcrabb@routtreeinc.com	265489_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), HAZ (Hazardous Substance Removal Certification), A (General Engineering Contractor), B (General Building Contractor)	04/18/2024	\$5,600,000
Smith Mechanical-Electrical-Plumbing	Koren Cloud	1340 W. Betteravia Road, Santa Maria, CA, 93455	805-621-5000	805-621-5050	kcloud@smithmep.com	420418_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), A (General Engineering Contractor), B (General Building Contractor), C-2 (Insulation and Acoustical 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)	10/18/2024	\$3,500,000
Stephen Ciari Plumbing and Heating, Inc.	Steve Ciari	1054 Elm St, San Jose, CA, 95126	408-296-6010	408-296-0645	alena@ciariplumbing.com	828351_	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	11/21/2024	\$9,700,000
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_____	C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), A (General Engineering Contractor), B (General Building 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-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$380,000,000

Approved C-7 Low Voltage \$1.1M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
ALESSANDRO ELECTRIC INCORPORATED	CLINT ALESSANDRO	11335 Sunrise Gold Circle Rancho Cordova, CA 95742	916-283-6966	916-283-6967	estimating@alessandroelectric.com	867775_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	11/14/2024	\$7,000,000
ARAM Electric Inc	Arturo Ramirez	2000 Alvarado St. Unit B, San Leandro, CA, 94577	510-357-2726	510-373-2333	admin@aramelectric.com	978810_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	01/31/2024	\$1,300,000
Audeamus dba Sebastian	Ron Cato	7600 N. Palm Ave, Fresno, CA, 93711	559-432-5800	559-432-5858	estimating@sebastiancorp.com	940822_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor)	03/17/2024	\$3,000,000
Avidex Industries LLC	Ron Ponce	20382 Hermana Circle, Lake Forest, CA, 92630	949-428-6333	949-428-6334	biddesk@avidex.com	981651_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	03/13/2024	\$4,900,000
EKC Enterprises, Inc.	Greg Alavezos	4658 E Weathermaker Ave, FRESNO, CA, 93703	559-438-0330 x1000	559-438-0333	prequal@ekccorp.com	916095_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	11/22/2024	\$9,500,000
M3 MEP, LLC	Anisa Gutierrez-Castro	5101 Florin Perkins Rd, Sacramento, CA, 95826	916-381-8080	916-386-0363	estimating@mark-three.com	1098716	C-7 (Low Voltage Systems Contractor), 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-36 (Plumbing Contractor)	11/20/2024	\$8,500,000
PCD	Christian Velasquez	1032 Maxwell Drive, Santa Rosa, CA, 95401	707-546-3633	707-575-6818	bids@pcdinc.net	527657_	C-7 (Low Voltage Systems Contractor)	11/14/2024	\$3,000,000
Pacific Power & Systems, Inc.	Beth Parker	4970 Peabody Road, Fairfield, CA, 94533	904-345-4529	707-759-7688	bethp@norleegroup.com	458315_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	01/31/2024	\$3,000,000
Radonich Corp DBA Cal Coast Telecom	Marie Pernick	886 Faulstich Court, San Jose, CA 95112	408-275-7212	408-275-8895	estimating@cctcom.net	732886_	C-7 (Low Voltage Systems Contractor)	04/12/2024	\$15,000,000
Reliable Monitoring Services (dba RMS Construction)	Ricky Mendoza	2698 JUNIPERO AVE STE 105-107, SIGNAL HILL, CA, 90755	562-676-2140	805-435-1647	rmendoza@rmslifesafety.com	900304_	C-7 (Low Voltage Systems Contractor), A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	03/30/2024	\$1,500,000
Smith Mechanical-Electrical-Plumbing	Koren Cloud	1340 W. Betteravia Road, Santa Maria, CA, 93455	805-621-5000	805-621-5050	kcloud@smithmep.com	420418_	C-7 (Low Voltage Systems Contractor), 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-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)	10/18/2024	\$3,500,000
Taft Electric Company	Travis Roy	1694 Eastman Avenue, Ventura, CA, 93003	805-642-0121	805-650-9015	troy@taftelectric.com	772245_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor)	04/06/2024	\$5,500,000
Tennysen Electric, LLC.	Michelle Coatney	7275 National Drive Suite A-2, Livermore, CA, 94550	925-390-0104	925-606-7656	estimating@tennysonelec.com	717998_	C-7 (Low Voltage Systems Contractor), A (General Engineering Contractor), C-10 (Electrical Contractor)	11/14/2024	\$15,500,000
Vanden Bos Electric, Inc.	Patrick Burke	502 Giuseppe Court #5, Roseville, CA 95678	916-773-1500	916-773-1973	Pat@vdbelectric.com	627898_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), B (General Building Contractor)	01/23/2024	\$3,600,000
Walker Telecomm, Inc.	Angel McDonald	412 Main Street, Wheatland, CA, 95692	530-652-4169	530-641-1258	angel@walkertelecomm.com	953866_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), B (General Building Contractor)	11/14/2024	\$11,000,000

Approved C-10 Electrical \$7.8M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status Date	Expires	Approval Limit
ACCO ENGINEERED SYSTEMS INC dba ACCO ENGINEERED SYSTEMS	Cindi Adler	888 East Walnut Street, Pasadena, CA 91101(HQ)1133 Aladdin Avenue San Leandro, CA 94577	818-244-6571	000-000-0000	cadler@accoes.com	120696_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	10/18/2023	10/18/2024	\$12,000,000
Bockmon & Woody Electric Co., Inc.	Arlene Larsen	1528 El Pinal Drive, Stockton, CA, 95205	209-464-4878	209-464-2615	arlene@bockmonwoody.com	588308_	C-10 (Electrical Contractor), A (General Engineering Contractor)	10/23/2023	10/23/2024	\$13,000,000
Collins Electrical Company Inc.	Araceli Torres	3412 Metro Drive, Stockton, CA, 95213	209-466-3691	209-466-3146	atorres@collinselectric.com	115427_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-31 (Construction Zone Traffic Control Contractor)	02/10/2023	02/10/2024	\$41,000,000
EKC Enterprises, Inc.	Greg Alavezos	4658 E Weathermaker Ave, FRESNO, CA, 93703	559-438-0330 x1000	559-438-0333	prequal@ekccorp.com	916095_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	11/22/2023	11/22/2024	\$9,500,000
Edward W. Scott Electric Co., Inc.	Abhinav Agrawal	500 W. Ohio Ave, Richmond, CA, 94901	415-206-7120	510-965-9554	aagrwal@scottelectric.com	190426_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor)	11/22/2023	11/22/2024	\$8,000,000
Elcor Electric, Inc.	Sarah Johnson	3310 Bassett Street, Santa Clara, CA, 95054	408-886-3009	408-986-1324	sjohnson@elcorelectric.com	500228_	C-10 (Electrical Contractor)	04/10/2023	04/10/2024	\$24,000,000
Hellas Construction	Andrew Clough	12000 West Parmer Lane, Austin, TX, 78613	512-250-2910	512-250-1960	aclough@hellasconstruction.com	852751_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-61 (Limited Specialty)	11/20/2023	11/20/2024	\$50,000,000
LEWIS AND TIBBITTS, INC	RHONDA FULTZ	1470 Industrial Av, Sunnyvale, CA, 95112	408-925-0220	408-925-0240	rfultz@diglt.com	281666_	C-10 (Electrical Contractor), A (General Engineering Contractor), C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor)	07/24/2023	07/24/2024	\$15,000,000
M3 MEP, LLC	Anisa Gutierrez-Castro	5101 Florin Perkins Rd, Sacramento, CA, 95826	916-381-8080	916-386-0363	estimating@mark-three.com	1098716	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-16 (Fire Protection Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-7 (Low Voltage Systems Contractor)	11/20/2023	11/20/2024	\$8,500,000
Matrix HG, Inc	Ashley Silva	115 Mason Circle, suite B, Concord, CA, 94520	925-459-9200	925-459-9220	projects@matrixhginc.com	812232_	C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), B (General Building Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	02/28/2023	02/28/2024	\$12,500,000
Smith & Sons Electric, Inc.	Charleen Lighthill	44255 Old Warm Springs Blvd, Fremont, CA 94538	510-651-4994	510-651-1954	charleen@smithandsonselectric.com	437138_	C-10 (Electrical Contractor)	10/18/2023	10/18/2024	\$8,000,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-10 Electrical \$7.8M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status Date	Expires	Approval Limit
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_____	C-10 (Electrical Contractor), 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-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2023	01/25/2024	\$380,000,000
Tennyson Electric, LLC.	Michelle Coatney	7275 National Drive Suite A-2, Livermore, CA, 94550	925-390-0104	925-606-7656	estimating@tennysonelec.com	717998_	C-10 (Electrical Contractor), A (General Engineering Contractor), C-7 (Low Voltage Systems Contractor)	11/14/2023	11/14/2024	\$15,500,000
Walker Telecomm, Inc.	Angel McDonald	412 Main Street, Wheatland, CA, 95692	530-652-4169	530-641-1258	angel@walkertelecomm.com	953866_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), B (General Building Contractor)	11/14/2023	11/14/2024	\$11,000,000

Approved C-16 Fire \$800k+ Protection Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
ACCO ENGINEERED SYSTEMS INC dba ACCO ENGINEERED SYSTEMS	Cindi Adler	888 East Walnut Street, Pasadena, CA 91101(HQ)1133 Aladdin Avenue San Leandro, CA 94577	818-244-6571	000-000-0000	cadler@accoes.com	120696_	C-16 (Fire Protection Contractor), A (General Engineering Contractor), 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), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-42 (Sanitation System Contractor)	10/18/2024	\$12,000,000
Bellant Plumbing Inc.	Ron Bellanti	121 South Maple Ave #10, SOUTH SAN FRANCISCO, CA, 94080	650-588-2990	650-588-0721	rjbellant@bellantiplumbing.com	327664_	C-16 (Fire Protection Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$6,500,000
FIRE SYSTEM SOLUTIONS, INC.	Jorge Moran	4277 W Richert Ave Ste 103, Fresno, CA, 93722	559-275-4894	559-275-4898	jmoran@firesystemsolutions.com	982763_	C-16 (Fire Protection Contractor), C-10 (Electrical Contractor)	10/18/2024	\$1,150,000
Johnson Controls Fire Protection LP	Athena Stephenson	3568 Ruffin Road South, San Diego, CA, 92123	657-465-0920	858-633-9101	athenamarie.stephenson@jci.com	986047_	C-16 (Fire Protection Contractor), C-10 (Electrical Contractor)	11/14/2024	\$1,500,000
M3 MEP, LLC	Anisa Gutierrez-Castro	5101 Florin Perkins Rd, Sacramento, CA, 95826	916-381-8080	916-386-0363	estimating@mark-three.com	1098716	C-16 (Fire Protection Contractor), A (General Engineering Contractor), 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), C-36 (Plumbing Contractor), C-7 (Low Voltage Systems Contractor)	11/20/2024	\$8,500,000
Marquee Fire Protection, LLC	Theresa Gamble	3875 Atherton Road, Suite 200, Rocklin, CA 95765	916-641-7997	916-641-0775	theresa.gamble@marqueefire.com	1077494	C-16 (Fire Protection Contractor)	10/18/2024	\$4,000,000
Presidential Fire Protection, Inc.	Fabian Robles	4517 Harlin Drive, Sacramento, CA, 95826	916-379-9199	916-379-9099	Fabian@presidentialfireprotection.com	847133_	C-16 (Fire Protection Contractor)	10/24/2024	\$1,000,000
Preston Pipelines Infrastructure LLC	Michelle Costanza	133 Bothelo Avenue, Milpitas, CA, 95691	408-262-1418 x113	408-262-1870	mcostanza@prestonpipelines.com	1059395	C-16 (Fire Protection Contractor), A (General Engineering Contractor), C-34 (Pipeline Contractor), C-42 (Sanitation System Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$46,000,000
R L H FIRE PROTECTION INC	Dawn Fulton	4300 Stine Rd., Bldg 500, Bakersfield, CA 93313	661-322-9344	661-322-6816	dfulton@rlhfp.com	777717_	C-16 (Fire Protection Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor)	10/18/2024	\$1,000,000
RCM Fire Protection Inc.	Deborah Stoffel	350 Enterprise Place, Tracy, CA, 95304	209-833-8228	209-833-8221	dstoffel@rcmfire.com	793205_	C-16 (Fire Protection Contractor)	04/11/2024	\$800,000
Reliable Monitoring Services (dba RMS Construction)	Ricky Mendoza	2698 JUNIPERO AVE STE 105-107, SIGNAL HILL, CA, 90755	562-676-2140	805-435-1647	rmendoza@rmslifesafety.com	900304_	C-16 (Fire Protection Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	03/30/2024	\$1,500,000
Smith Mechanical-Electrical-Plumbing	Koren Cloud	1340 W. Betteravia Road, Santa Maria, CA, 93455	805-621-5000	805-621-5050	kcloud@smithmep.com	420418_	C-16 (Fire Protection Contractor), 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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	10/18/2024	\$3,500,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-16 Fire \$800k+ Protection Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_____	C-16 (Fire Protection Contractor), 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-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-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$380,000,000
Walschon Fire Protection, Inc.	Anastasia Vegas	2182 Rheem Dr. Suite 200, Pleasanton, CA, 94588	650-594-1588	650-594-1613	anastasia@walschon.com	568438_	C-16 (Fire Protection Contractor)	10/30/2024	\$2,900,000

Approved C-20 Mechanical \$2.2M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status	Expires	Approval Limit
ACCO ENGINEERED SYSTEMS INC dba ACCO ENGINEERED SYSTEMS	Cindi Adler	888 East Walnut Street, Pasadena, CA 91101(HQ)1133 Aladdin Avenue San Leandro, CA 94577	818-244-6571	000-000-0000	cadler@accoes.com	120696_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor), C-38 (Refrigeration Contractor), C-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	APPROVED	10/18/2024	\$12,000,000
AGC INC	Randy Attaway	745-B Camden Ave., Campbell, CA, 95008	408-637-1135	408-369-0309	randy@agcinc.com	780352_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	APPROVED	11/14/2024	\$10,000,000
Aire Sheet Metal, Inc.	Barrie Solomon	1973 East Bayshore Road, Redwood City, CA 94063	650-364-8081	650-369-8357	barrie@airesm.com	271264_	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)	APPROVED	11/14/2024	\$4,700,000
Bay City Mechanical, Inc.	Crystal Rougeau	870 Harbour Way South Richmond , Ca 94804	510-233-7000	510-669-9856	Crystal@baycitymech.com	645126_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor)	APPROVED	12/07/2023	\$12,000,000
Bell Products, Inc.	Gina Massolo	722 Soscol Ave, Napa, CA, 94559	707-255-1811	707-255-1908	gmassolo@bellproducts.com	171534_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	APPROVED	01/10/2024	\$2,300,000
Bobo Construction, Inc.	Sarah Wilkins	9722 Kent Street, Suite A, Elk Grove, CA, 95624	916-383-7777	916-383-1681	cbobo@boboconstructioninc.com	183537_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), A (General Engineering Contractor), B (General Building Contractor), C-43 (Sheet Metal Contractor), C-61 (Limited Specialty), C-8 (Concrete Contractor), C-36 (Plumbing Contractor)	APPROVED	03/17/2024	\$27,800,000
DAC SERVICE, INC. DBA FOUR C'S CONSTRUCTION	Linda Chavez	1560 H Street, Fresno, CA, 93721	559-237-3990	559-237-3999	linda@fourcsmetal.com	908294_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	APPROVED	04/25/2024	\$5,300,000
DDK Mechanical, Inc	Kenneth Seastrom	5761 Florin-Perkins Rd #9, Sacramento, CA. 95828	916-383-5190	916-383-5191	office3ddk@sbcglobal.net	855723_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	APPROVED	01/31/2024	\$2,800,000
Dowdle & Sons Mechanical, Inc.	Shelley Dowdle	100 Tower Road American Canyon CA 94503, American Canyon, CA, 94503	707-224-6968	707-224-7885	shelley@dowdleandsonsmec h.com	542743_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	APPROVED	10/23/2024	\$6,200,000
Environmental Systems, Inc.	Donna Nyblom	3353 De La Cruz Blvd., Santa Clara, CA, 95054	408-980-1711	408-980-0714	dnyblom@esite.net	422478_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor), C-38 (Refrigeration Contractor)	APPROVED	11/28/2024	\$18,000,000
FAMAND INC DBA INDOOR ENVIRONMENTAL SERVICES	Jeanine Zito	1604 Airport Blvd, Santa Rosa, CA, 95403	916-803-5178	916-348-3020	jzito@jes-hvac.com	0646794	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-38 (Refrigeration Contractor), C-36 (Plumbing Contractor)	APPROVED	10/18/2024	\$25,000,000

Approved C-20 Mechanical \$2.2M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status	Expires	Approval Limit
FOOTHILL AIR CONDITIONING AND HEATING, INC.	Steve Davies	17419 Farley Road West Los Gatos CA 95030	408-395-2500	408-395-2064	steve@foothillac.com	363862_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), B (General Building Contractor), C-43 (Sheet Metal Contractor)	APPROVED	10/30/2024	\$5,500,000
GroundLevel Construction, Inc.	Julie Accettola	5013 Forni Dr., Unit C, Concord, CA, 94520	925-446-6084	925-446-6375	julie@groundlevelconstructio n.com	991672_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), A (General Engineering Contractor), B (General Building Contractor), HAZ (Hazardous Substance Removal Certification)	APPROVED	04/10/2024	\$6,200,000
Horizons Construction Company International Inc.	Yazmin Barrera	432 W Meats Avenue, Orange, CA, 92865	714-626-0000	714-626-0006	bidding@horizonscci.com	825022_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), B (General Building Contractor), A (General Engineering Contractor), C-36 (Plumbing Contractor), C- 12 (Earthwork and Paving Contractors), C-8 (Concrete Contractor), C-21 (Building Moving/Demolition Contractor), C-2 (Insulation and Acoustical Contractor), C-15 (Flooring and Floor Covering Contractors), C- 33 (Painting and Decorating Contractor)	APPROVED	10/30/2024	\$9,500,000
Hydra Ventures, Inc. dba Cal Pacific Systems	Christina Gee	50 Cypress Lane, Brisbane, CA 94005	415-252-8600	415-252-8700	christina.gee@calpacificsyst ems.com	924244_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-36 (Plumbing Contractor), B (General Building Contractor), A (General Engineering Contractor)	APPROVED	11/14/2024	\$3,500,000
J.W. McClenahan Co.	Melissa Treft	2301 Palm Ave. San Mateo CA 94403,	650-345-1691	650-345-5681	mtreft@jwmcco.com	308818_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-42 (Sanitation System Contractor), C-60 (Welding Contractor)	APPROVED	11/14/2024	\$13,000,000
JMS Mechanical Inc.	Kim Smuck	538 Martin Ave. Suite D, Rohnert Park, CA, 94928	707-585-0120	707-585-0121	jmsmechanical@hotmail.com	811562_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-43 (Sheet Metal Contractor)	APPROVED	04/19/2024	\$2,600,000
Kevin M Sullivan & Associates Inc.	Beverly Nunes	431 N Buchanan Circle #2, Martinez, CA, 94553	925-825-5625 x214	925-825-5681	samantha@sullivanhvac.com	887975_	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)	APPROVED	02/27/2024	\$5,000,000
Los Angeles Air Conditioning, Inc.	Jasmin Castanon- Carrillo	1714 Lindbergh Ct., La Verne, CA, 91750	909-596-7077	909-596-6657	jasmin@laair.net	208872_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	APPROVED	03/21/2024	\$3,700,000
M3 MEP, LLC	Anisa Gutierrez-Castro	5101 Florin Perkins Rd, Sacramento, CA, 95826	916-381-8080	916-386-0363	estimating@mark-three.com	1098716	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), 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-36 (Plumbing Contractor), C-7 (Low Voltage Systems Contractor)	APPROVED	11/20/2024	\$8,500,000
Matrix HG, Inc	Ashley Silva	115 Mason Circle, suite B, Concord, CA, 94520	925-459-9200	925-459-9220	projects@matrixhginc.com	812232_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor), B (General Building Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	APPROVED	02/28/2024	\$12,500,000
O.C. McDonald Co., Inc.	Heidi Dunn	1150 W. San Carlos St., San Jose, CA, 95126	408-295-2182 x314	408-295-0626	hdunn@ocmcdonald.com	177271_	C-20 (Warm-Air Heating, Ventilating and Air- Conditioning Contractor), A (General Engineering Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor), C-43 (Sheet Metal Contractor)	APPROVED	01/25/2024	\$2,800,000



Approved C-20 Mechanical \$2.2M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status	Expires	Approval Limit
OWR Mechanical, Inc. dba Monarch Mechanical	David Vargas	595 Buck Ave, Suite A, Vacaville, CA, 95688	707-374-4900		david@monarchmech.com	736565_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-36 (Plumbing Contractor)	APPROVED	04/06/2024	\$2,500,000
PRECISION AIR BALANCING COMPANY	Karen Fox	1240 N. Jefferson St, Ste H, Anaheim, CA, 92807	714-630-3796	714-630-3998	kfox@precisionairbalance.com	633805_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty)	APPROVED	10/18/2024	\$5,600,000
PacificWest Energy Solutions, Inc.	Norma Evans	9250 Reseda Blvd #500, Northridge, CA 91324	562-774-3210	800-310-9596	nevans@pacificwestinc.com	888597_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-10 (Electrical Contractor)	APPROVED	01/23/2024	\$3,900,000
Russell Sigler Inc.	Jeffrey Myers	205 South Puente St., Brea, CA, 92821	714-421-2455		jmyers@siglers.com	960159_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	APPROVED	09/11/2024	\$5,000,000
Silicon Valley Mechanical, Inc.	Corissa Hulick	2115 Ringwood Avenue, San Jose, CA, 95130	408-943-0380		marketing@svminc.com	992731_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	APPROVED	11/21/2024	\$28,000,000
Smith Mechanical-Electrical-Plumbing	Koren Cloud	1340 W. Betteravia Road, Santa Maria, CA, 93455	805-621-5000	805-621-5050	kcloud@smithmep.com	420418_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), 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-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	APPROVED	10/18/2024	\$3,500,000
Stephen Ciari Plumbing and Heating, Inc.	Steve Ciari	1054 Elm St, San Jose, CA, 95126	408-296-6010	408-296-0645	alena@ciariplumbing.com	828351_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	APPROVED	11/21/2024	\$9,700,000
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_____	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), 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-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-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	APPROVED	01/25/2024	\$380,000,000
Trahan Mechanical, Inc dba Trahan Brothers	Patrick Trahan	P.O. Box 10462 - San Rafael, CA 94912 - 60A Belvedere, San Rafael, CA, 94901	415-457-5541	415-457-5269	patrick@trahaninc.com	774154_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	APPROVED	11/14/2024	\$4,200,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-34 Pipeline \$2.1M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Status	Expires	Approval Limit
Cratus, Inc.	Michael Kirwan	945 Taraval Street, #302, San Francisco, CA, 94116	415-939-2840	415-520-6037	estimating@cratusinc.com	987888_	C-34 (Pipeline Contractor), A (General Engineering Contractor)	APPROVED	01/31/2024	\$4,000,000
Preston Pipelines Infrastructure LLC	Michelle Costanza	133 Bothelo Avenue, Milpitas, CA, 95691	408-262-1418 x113	408-262-1870	mcostanza@prestonpipelines.com	1059395	C-34 (Pipeline Contractor), A (General Engineering Contractor), C-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor), HAZ (Hazardous Substance Removal Certification)	APPROVED	01/25/2024	\$46,000,000

Approved C-36 Plumbing \$1.1M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
ACCO ENGINEERED SYSTEMS INC dba ACCO ENGINEERED SYSTEMS	Cindi Adler	888 East Walnut Street, Pasadena, CA 91101(HQ)1133 Aladdin Avenue San Leandro, CA 94577	818-244-6571	000-000-0000	cadler@accos.com	120696_	C-36 (Plumbing Contractor), A (General Engineering Contractor), 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), C-38 (Refrigeration Contractor), C-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	10/18/2024	\$12,000,000
AGC INC	Randy Attaway	745-B Camden Ave, Campbell, CA, 95008	408-637-1135	408-369-0309	randy@agcinc.com	780352_	C-36 (Plumbing Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	11/14/2024	\$10,000,000
ALLIED HEATING & AIR CONDITIONING, INC.	Sargon Michael	12 DE LUCA PLACE, SAN RAFAEL, CA, 94901	415-459-5232 x210	415-459-0407	smichael@alliedhvac.com	453261_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	09/11/2024	\$1,500,000
American Plumbing Systems, Inc dba APSI	Jay Hanacek	161 Palm Ave, Suite 9, Auburn, CA, 95603	530-537-2949	530-537-2597	jay@americanplumbingsystems.com	990571_	C-36 (Plumbing Contractor), B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	11/20/2024	\$1,500,000
Bay City Mechanical, Inc.	Crystal Rougeau	870 Harbour Way South Richmond, Ca 94804	510-233-7000	510-669-9856	Crystal@baycitymech.com	645126_	C-36 (Plumbing Contractor), 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), B (General Building Contractor)	12/07/2023	\$12,000,000
Bay Point Control, Inc. DBA Marina Mechanical	Jamie Wallace	799 Thornton Street, San Leandro, CA, 94577	510-614-3500	510-614-4583	jwallace@marinam.com	416198_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-38 (Refrigeration Contractor), C-2 (Insulation and Acoustical Contractor), C-43 (Sheet Metal Contractor), C-10 (Electrical Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	03/21/2024	\$1,700,000
Bell Products, Inc.	Gina Massolo	722 Soscol Ave, Napa, CA, 94559	707-255-1811	707-255-1908	gmassolo@bellproducts.com	171534_	C-36 (Plumbing Contractor), 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-43 (Sheet Metal Contractor)	01/10/2024	\$2,300,000
Bellanti Plumbing Inc.	Ron Bellanti	121 South Maple Ave #10, SOUTH SAN FRANCISCO, CA, 94080	650-588-2990	650-588-0721	rjbellanti@bellantiplumbing.com	327664_	C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-16 (Fire Protection Contractor)	10/18/2024	\$6,500,000
Bobo Construction, Inc.	Sarah Wilkins	9722 Kent Street, Suite A, Elk Grove, CA, 95624	916-383-7777	916-383-1681	cbobo@boboconstructioninc.com	183537_	C-36 (Plumbing Contractor), 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)	03/17/2024	\$27,800,000
DAC SERVICE, INC. DBA FOUR C'S CONSTRUCTION	Linda Chavez	1560 H Street, Fresno, CA, 93721	559-237-3990	559-237-3999	linda@fourcsmetal.com	908294_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor)	04/25/2024	\$5,300,000
DDK Mechanical, Inc	Kenneth Seastrom	5761 Florin-Perkins Rd #9, Sacramento, CA, 95828	916-383-5190	916-383-5191	office3ddk@sbcglobal.net	855723_	C-36 (Plumbing Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	01/31/2024	\$2,800,000

Approved C-36 Plumbing \$1.1M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Dinelli Plumbing Incorporated	John Dinelli	1160 Chess Drive suite #5, Foster, CA, 94404	650-372-9456	650-372-9469	johndinelli@dinelliplumbing.com	801472_	C-36 (Plumbing Contractor)	07/24/2024	\$8,600,000
Dowdle & Sons Mechanical, Inc.	Shelley Dowdle	100 Tower Road American Canyon CA 94503, American Canyon, CA, 94503	707-224-6968	707-224-7885	shelley@dowdleandsonsmec.h.com	542743_	C-36 (Plumbing Contractor), 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)	10/23/2024	\$6,200,000
Environmental Systems, Inc.	Donna Nyblom	3353 De La Cruz Blvd., Santa Clara, CA, 95054	408-980-1711	408-980-0714	dnyblom@esite.net	422478_	C-36 (Plumbing 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-43 (Sheet Metal Contractor), C-38 (Refrigeration Contractor)	11/28/2024	\$18,000,000
FAMAND INC DBA INDOOR ENVIRONMENTAL SERVICES	Jeanine Zito	1604 Airport Blvd, Santa Rosa, CA, 95403	916-803-5178	916-348-3020	jzito@ies-hvac.com	0646794	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-38 (Refrigeration Contractor)	10/18/2024	\$25,000,000
Flanders Heat And Air Systems INC.	Bret Flanders	555 peters ave #255, pleasanton, CA, 94566	925-461-3333	925-461-7419	b.flanders@sbcglobal.net	677502_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	10/18/2024	\$1,200,000
Horizons Construction Company International Inc.	Yazmin Barrera	432 W Meats Avenue, Orange, CA, 92865	714-626-0000	714-626-0006	bidding@horizonscci.com	825022_	C-36 (Plumbing Contractor), B (General Building Contractor), A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors), C-8 (Concrete Contractor), C-21 (Building Moving/Demolition Contractor), C-2 (Insulation and Acoustical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-15 (Flooring and Floor Covering Contractors), C-33 (Painting and Decorating Contractor)	10/30/2024	\$9,500,000
Hydra Ventures, Inc. dba Cal Pacific Systems	Christina Gee	50 Cypress Lane, Brisbane, CA 94005	415-252-8600	415-252-8700	christina.gee@calpacificsystems.com	924244_	C-36 (Plumbing Contractor), B (General Building Contractor), A (General Engineering Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	11/14/2024	\$3,500,000
ICOM Mechanical, Inc	Cindy Tatsumi	477 Burke Street, San Jose, CA, 95112	408-792-2240	408-292-4968	ctatsumi@icominc.com	408622_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), B (General Building Contractor)	09/11/2024	\$1,500,000
J.W. McClenahan Co.	Melissa Treft	2301 Palm Ave. San Mateo CA 94403,	650-345-1691	650-345-5681	mtreft@jwmcco.com	308818_	C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-42 (Sanitation System Contractor), C-60 (Welding Contractor)	11/14/2024	\$13,000,000
Kevin M Sullivan & Associates Inc.	Beverly Nunes	431 N Buchanan Circle #2, Martinez, CA, 94553	925-825-5625 x214	925-825-5681	samantha@sullivanhvac.com	887975_	C-36 (Plumbing Contractor), 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)	02/27/2024	\$5,000,000
LEWIS AND TIBBITTS, INC	RHONDA FULTZ	1470 Industrial Av, Sunnyvale, CA, 95112	408-925-0220	408-925-0240	rfultz@diglt.com	281666_	C-36 (Plumbing Contractor), A (General Engineering Contractor), C-10 (Electrical Contractor), C-42 (Sanitation System Contractor)	07/24/2024	\$15,000,000

Approved C-36 Plumbing \$1.1M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
M3 MEP, LLC	Anisa Gutierrez-Castro	5101 Florin Perkins Rd, Sacramento, CA, 95826	916-381-8080	916-386-0363	estimating@mark-three.com	1098716	C-36 (Plumbing Contractor), 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-7 (Low Voltage Systems Contractor)	11/20/2024	\$8,500,000
MPI - Miller Plumbing Inc.	David Miller	949 N Cataract Ave #L, San Dimas CA 91773	626-714-5555		nathan@mpiplumbing.com	720581_	C-36 (Plumbing Contractor), C-34 (Pipeline Contractor)	03/30/2024	\$1,300,000
Matrix HG, Inc	Ashley Silva	115 Mason Circle, suite B, Concord, CA, 94520	925-459-9200	925-459-9220	projects@matrixhginc.com	812232_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor), B (General Building Contractor), C-38 (Refrigeration Contractor), C-43 (Sheet Metal Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	02/28/2024	\$12,500,000
O.C. McDonald Co., Inc.	Heidi Dunn	1150 W. San Carlos St., San Jose, CA, 95126	408-295-2182 x314	408-295-0626	hdunn@ocmcdonald.com	177271_	C-36 (Plumbing Contractor), 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-42 (Sanitation System Contractor), C-43 (Sheet Metal Contractor)	01/25/2024	\$2,800,000
OWR Mechanical, Inc. dba Monarch Mechanical	David Vargas	595 Buck Ave, Suite A, Vacaville, CA, 95688	707-374-4900		david@monarchmech.com	736565_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	04/06/2024	\$2,500,000
Paragon Mechanical, Inc.	Michael Orth	16160 Caputo Drive, Morgan Hill, CA, 95037	408-727-7303	408-566-6190	morth@paragonmechanical.com	490427_	C-36 (Plumbing Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	04/06/2024	\$2,000,000
ROUNTREE PLUMBING AND HEATING INC.	STEPHEN SINGEWALD	1624 Santa Clara Dr. Suite 120, Roseville, CA, 95661	650-298-0312		dcrabb@routtreeinc.com	265489_	C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), HAZ (Hazardous Substance Removal Certification), A (General Engineering Contractor), B (General Building Contractor)	04/18/2024	\$5,600,000
Rivera Equipment dba Valley Industrial Mechanical	Raymond Rivera	PO Box 3457, Victorville, CA, 92393	760-646-7974		cortney@revim.co	1051483	C-36 (Plumbing Contractor)	03/17/2024	\$4,600,000
Silicon Valley Mechanical, Inc.	Corissa Hulick	2115 Ringwood Avenue, San Jose, CA, 95130	408-943-0380		marketing@svminc.com	992731_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	11/21/2024	\$28,000,000
Smith Mechanical-Electrical-Plumbing	Koren Cloud	1340 W. Betteravia Road, Santa Maria, CA, 93455	805-621-5000	805-621-5050	kcloud@smithmep.com	420418_	C-36 (Plumbing Contractor), 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-43 (Sheet Metal Contractor)	10/18/2024	\$3,500,000
Stephen Ciari Plumbing and Heating, Inc.	Steve Ciari	1054 Elm St, San Jose, CA, 95126	408-296-6010	408-296-0645	alena@ciariplumbing.com	828351_	C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	11/21/2024	\$9,700,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-36 Plumbing \$1.1M+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_____	C-36 (Plumbing Contractor), 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-55 (Water Conditioning Contractor), C-42 (Sanitation System Contractor), ASB (Asbestos Certification), C-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$380,000,000
Tse Construction	Jerry Tse	699 Lewelling Blvd #146/338, San Leandro, CA, 94579	510-812-3466	510-323-2528	jerry@tsegc.com	925736_	C-36 (Plumbing Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	05/25/2024	\$2,000,000

Approved C-38 Refrigeration Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
ACCO ENGINEERED SYSTEMS INC dba ACCO ENGINEERED SYSTEMS	Cindi Adler	888 East Walnut Street, Pasadena, CA 91101(HQ)1133 Aladdin Avenue San Leandro, CA 94577	818-244-6571	000-000-0000	cadler@accoes.com	120696_	C-38 (Refrigeration Contractor), A (General Engineering Contractor), 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), C-36 (Plumbing Contractor), C- 16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	10/18/2024	\$12,000,000
American Mechanical, INC. dba American Mechanical; IQ Controls	Kelli Blocker	1275 Boulevard Way, Walnut Creek, CA, 94595	925-946-9101	925-943-6224	kmblocker@ami-hvac.com	883177_	C-38 (Refrigeration Contractor), 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)	11/14/2024	\$250,000
Bay Point Control, Inc. DBA Marina Mechanical	Jamie Wallace	799 Thornton Street, San Leandro, CA, 94577	510-614-3500	510-614-4583	jwallace@marinam.com	416198_	C-38 (Refrigeration Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor), C-2 (Insulation and Acoustical Contractor), C-43 (Sheet Metal Contractor), C- 10 (Electrical Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	03/21/2024	\$1,700,000
Environmental Systems, Inc.	Donna Nyblom	3353 De La Cruz Blvd., Santa Clara, CA, 95054	408-980-1711	408-980-0714	dnyblom@esite.net	422478_	C-38 (Refrigeration Contractor), 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)	11/28/2024	\$18,000,000
FAMAND INC DBA INDOOR ENVIRONMENTAL SERVICES	Jeanine Zito	1604 Airport Blvd, Santa Rosa, CA, 95403	916-803-5178	916-348-3020	jzito@ies-hvac.com	0646794	C-38 (Refrigeration Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C- 4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$25,000,000
Matrix HG, Inc	Ashley Silva	115 Mason Circle, suite B, Concord, CA, 94520	925-459-9200	925-459-9220	projects@matrixhginc.com	812232_	C-38 (Refrigeration Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor), C- 36 (Plumbing Contractor), B (General Building Contractor), C-43 (Sheet Metal Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	02/28/2024	\$12,500,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-38 Refrigeration Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_____	C-38 (Refrigeration Contractor), 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-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-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$380,000,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-42 Sanitation \$300k+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
J.W. McClenahan Co.	Melissa Treft	2301 Palm Ave. San Mateo CA 94403,	650-345-1691	650-345-5681	mtreft@jwmcco.com	308818_	C-42 (Sanitation System Contractor), C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-60 (Welding Contractor)	11/14/2024	\$13,000,000
LEWIS AND TIBBITTS, INC	RHONDA FULTZ	1470 Industrial Av, Sunnyvale, CA, 95112	408-925-0220	408-925-0240	rfultz@diglt.com	281666_	C-42 (Sanitation System Contractor), A (General Engineering Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor)	07/24/2024	\$15,000,000
O.C. McDonald Co., Inc.	Heidi Dunn	1150 W. San Carlos St., San Jose, CA, 95126	408-295-2182 x314	408-295-0626	hdunn@ocmcdonald.com	177271_	C-42 (Sanitation System Contractor), 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)	01/25/2024	\$2,800,000
Preston Pipelines Infrastructure LLC	Michelle Costanza	133 Bothelo Avenue, Milpitas, CA, 95691	408-262-1418 x113	408-262-1870	mcostanza@prestonpipelines.com	1059395	C-42 (Sanitation System Contractor), C-34 (Pipeline Contractor), A (General Engineering Contractor), C-16 (Fire Protection Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$46,000,000
Swinerton Builders	Rebecca Anicich	2880 Lakeside Drive, Suite 300 Santa Clara, CA 95054	925-200-4628	877-349-7149	rebecca.anicich@swinerton.com	92_____	C-42 (Sanitation System Contractor), 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), ASB (Asbestos Certification), C-10 (Electrical Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$380,000,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-43 Sheet Metal \$600k+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
ALLIED HEATING & AIR CONDITIONING, INC.	Sargon Michael	12 DE LUCA PLACE, SAN RAFAEL, CA, 94901	415-459-5232 x210	415-459-0407	smichael@alliedhvac.com	453261_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	09/11/2024	\$1,500,000
Aire Sheet Metal, Inc.	Barrie Solomon	1973 East Bayshore Road, Rewdood City, CA 94063	650-364-8081	650-369-8357	barrie@airesm.com	271264_	C-43 (Sheet Metal Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	11/14/2024	\$4,700,000
Bay City Mechanical, Inc.	Crystal Rougeau	870 Harbour Way South Richmond, Ca 94804	510-233-7000	510-669-9856	Crystal@baycitymech.com	645126_	C-43 (Sheet Metal 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), B (General Building Contractor)	12/07/2023	\$12,000,000
Bay Point Control, Inc. DBA Marina Mechanical	Jamie Wallace	799 Thornton Street, San Leandro, CA, 94577	510-614-3500	510-614-4583	jwallace@marinam.com	416198_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-38 (Refrigeration Contractor), C-2 (Insulation and Acoustical Contractor), C-10 (Electrical Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	03/21/2024	\$1,700,000
Bell Products, Inc.	Gina Massolo	722 Soscol Ave, Napa, CA, 94559	707-255-1811	707-255-1908	gmassolo@bellproducts.com	171534_	C-43 (Sheet Metal Contractor), 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)	01/10/2024	\$2,300,000
Best Contracting Services, Inc.	Myris Guballa	4301 Bettencourt Way Union City, CA 94587	310-328-6969 x210	310-328-9176	estimating@bestcontracting.com	456263_	C-43 (Sheet Metal Contractor), A (General Engineering Contractor), B (General Building Contractor), C-17 (Glazing Contractor), C-39 (Roofing Contractor)	10/23/2024	\$30,000,000
Bobo Construction, Inc.	Sarah Wilkins	9722 Kent Street, Suite A, Elk Grove, CA, 95624	916-383-7777	916-383-1681	cbobo@bobobconstructioninc.com	183537_	C-43 (Sheet Metal Contractor), A (General Engineering Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty), C-8 (Concrete Contractor), C-36 (Plumbing Contractor)	03/17/2024	\$27,800,000
Commercial Waterproofing Systems, Inc. dba ERC Roofing & Waterproofing	Garrett Clark	1630 Palm Street, Santa Ana, CA, 92701	714-667-6000	714-667-7000	estimating@ercroofing.com	781499_	C-43 (Sheet Metal Contractor), A (General Engineering Contractor), B (General Building Contractor), C-39 (Roofing Contractor)	01/31/2024	\$1,100,000
DAC SERVICE, INC. DBA FOUR C'S CONSTRUCTION	Linda Chavez	1560 H Street, Fresno, CA, 93721	559-237-3990	559-237-3999	linda@fourcsmetal.com	908294_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-39 (Roofing Contractor), B (General Building Contractor), C-36 (Plumbing Contractor)	04/25/2024	\$5,300,000
DDK Mechanical, Inc	Kenneth Seastrom	5761 Florin-Perkins Rd #9, Sacramento, CA, 95828	916-383-5190	916-383-5191	office3ddk@sbcglobal.net	855723_	C-43 (Sheet Metal Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	01/31/2024	\$2,800,000
Environmental Systems, Inc.	Donna Nyblom	3353 De La Cruz Blvd., Santa Clara, CA, 95054	408-980-1711	408-980-0714	dnyblom@esite.net	422478_	C-43 (Sheet Metal Contractor), 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-38 (Refrigeration Contractor)	11/28/2024	\$18,000,000

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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
FAMAND INC DBA INDOOR ENVIRONMENTAL SERVICES	Jeanine Zito	1604 Airport Blvd, Santa Rosa, CA, 95403	916-803-5178	916-348-3020	jzito@ies-hvac.com	0646794	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-38 (Refrigeration Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$25,000,000
FOOTHILL AIR CONDITIONING AND HEATING, INC.	Steve Davies	17419 Farley Road West Los Gatos CA 95030	408-395-2500	408-395-2064	steve@foothillac.com	363862_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor)	10/30/2024	\$5,500,000
Fertado Heating and Air	Becky Fertado	2504 Verne Roberts Circle Suite 101, Antioch, CA, 94509	925-754-2730	925-754-2748	fertadoheatnair@sbcglobal.net	792474_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	11/22/2024	\$2,000,000
JMS Mechanical Inc.	Kim Smuck	538 Martin Ave. Suite D, Rohnert Park, CA, 94928	707-585-0120	707-585-0121	jmsmechanical@hotmail.com	811562_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	04/19/2024	\$2,600,000
Kevin M Sullivan & Associates Inc.	Beverly Nunes	431 N Buchanan Circle #2, Martinez, CA, 94553	925-825-5625 x214	925-825-5681	samantha@sullivanhvachvac.com	887975_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	02/27/2024	\$5,000,000
Matrix HG, Inc	Ashley Silva	115 Mason Circle, suite B, Concord, CA, 94520	925-459-9200	925-459-9220	projects@matrixhginc.com	812232_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor), B (General Building Contractor), C-38 (Refrigeration Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	02/28/2024	\$12,500,000
Nations Roof West LLC	Sean Rauch	5463 E. Hedges Ave., Fresno, CA, 93727	559-252-1255	559-252-1256	srauch@nationsroof.com	1012378	C-43 (Sheet Metal Contractor), C-39 (Roofing Contractor), B (General Building Contractor)	01/10/2024	\$6,200,000
O.C. McDonald Co., Inc.	Heidi Dunn	1150 W. San Carlos St., San Jose, CA, 95126	408-295-2182 x314	408-295-0626	hdunn@ocmcdonald.com	177271_	C-43 (Sheet Metal Contractor), 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)	01/25/2024	\$2,800,000
OWR Mechanical, Inc. dba Monarch Mechanical	David Vargas	595 Buck Ave, Suite A, Vacaville, CA, 95688	707-374-4900		david@monarchmech.com	736565_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	04/06/2024	\$2,500,000
PAC SHIELD Roof Services Inc	Gabriela Lapizco	5151 Pentecost Dr. Ste A-1, Modesto, CA, 95356	800-689-4716		glapizco@pacshield.com	1031725	C-43 (Sheet Metal Contractor), C-39 (Roofing Contractor)	09/11/2024	\$3,750,000
Paragon Mechanical, Inc.	Michael Orth	16160 Caputo Drive, Morgan Hill, CA, 95037	408-727-7303	408-566-6190	morth@paragonmechanical.com	490427_	C-43 (Sheet Metal Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	04/06/2024	\$2,000,000
Smith Mechanical-Electrical-Plumbing	Koren Cloud	1340 W. Betteravia Road, Santa Maria, CA, 93455	805-621-5000	805-621-5050	kcloud@smithmep.com	420418_	C-43 (Sheet Metal Contractor), 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)	10/18/2024	\$3,500,000



**SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT**

Approved C-43 Sheet Metal \$600k+ Prequalification Application Report as of 12/01/2023

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Trahan Mechanical, Inc dba Trahan Brothers	Patrick Trahan	P.O. Box 10462 - San Rafael, CA 94912 - 60A Belvedere, San Rafael, CA, 94901	415-457-5541	415-457-5269	patrick@trahaninc.com	774154_	C-43 (Sheet Metal Contractor), C-20 (Warm- Air Heating, Ventilating and Air-Conditioning Contractor)	11/14/2024	\$4,200,000

**SECTION 11 66 23
GYMNASIUM EQUIPMENT**

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Basketball backboards, goals, and support framing.
- B. Wall mounted protection pads.
- C. Gym divider curtains.
- D. Volleyball nets and posts.
- E. Badminton equipment

1.02 RELATED REQUIREMENTS

- A. Section 03 30 00 - Cast-in-Place Concrete: Concrete floor slab to receive floor sleeves and anchors.
- B. Section 05 12 00 - Structural Steel Framing: Structural members supporting basketball systems.
- C. Section 05 50 00 - Metal Fabrications: Secondary structural members supporting gymnasium equipment.
- D. Section 09 64 66 - Wood Athletic Flooring: Gymnasium flooring.
- E. Division 26 "Electrical" for electrical supply, conduit, and wiring for motorized winch.

1.03 REFERENCE STANDARDS

- A. ASTM E84 - Standard Test Method for Surface Burning Characteristics of Building Materials 2022.
- B. AWS B2.1/B2.1M - Specification for Welding Procedure and Performance Qualification 2021.
- C. AWS D1.1/D1.1M - Structural Welding Code - Steel 2020, with Errata (2022).
- D. NFPA 101 - Life Safety Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- E. NFPA 286 - Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth 2019.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Large Components: Ensure that large components can be moved into final position without damage to other construction.
- B. Electrically Operated Equipment: Coordinate location and electrical characteristics of service connection.

1.05 SUBMITTALS

- A. Product Data: Provide manufacturer's data showing configuration, sizes, materials, finishes, hardware, and accessories; include:
 - 1. Fire rating certifications.
 - 2. Manufacturer's installation instructions.
 - 3. For electrical equipment, submit complete and legible wiring diagrams together with photographs or cuts of all repair parts with part number listed and written instruction relative to the care, adjustment and operation of the equipment.
 - 4. Motors: Show nameplate data, ratings, characteristics, and mounting arrangements.
- B. Shop Drawings: For custom fabricated equipment indicate, in large scale detail, construction methods; method of attachment or installation; type and gauge of metal, hardware, and fittings; plan front elevation; elevations and dimensions; minimum one cross section; utility requirements as to types, sizes, and locations.
- C. Erection Drawings: Detailed dimensional requirements for proper location of equipment.
- D. Operating and maintenance data for each operating equipment item.

- E. Welders' Qualification Statement: Welders' certificates in accordance with AWS B2.1/B2.1M and dated no more than 12 months before start of scheduled welding work.
- F. Warranty: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
- G. Manufacturer to provide calculations and reports for tests performed by an independent testing laboratory accredited by the American Association of Laboratory Accreditation (A2LA) that demonstrates compliance with minimum safety factors required by these specifications.
- H. Certificates for Divider Curtain Vinyl and Mesh to prove they meet the requirements of GreenGuard Gold.
- I. Qualification Data: For Installer.
- J. Product Certificates: For each type of gymnasium and basketball equipment.
- K. Sample Warranty: For special warranty.
- L. Operation and maintenance manual.
- M. Samples:
- N. Gymnasium Equipment:
 - 1. For each exposed product and for each item and color specified.
 - 2. Pad Fabric: Wall padding minimum 3 inches square, with specified treatments applied. Mark face of material.
- O. Gymnasium Divider:
 - 1. Samples of fabric for selection by Architect.
- P. Basketball Equipment:
 - 1. Samples: Submit samples of backboard padding colors for selection by Architect.
- Q. Submittal procedures and quantities are specified in Section 01 33 00.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section, with not less than three years of documented experience.
- B. Installer Qualifications: Company specializing in performing work of the type specified and approved by manufacturer.
- C. Welder Qualifications: Welding processes and welding operators qualified in accordance with AWS D1.1/D1.1M and no more than 12 months before start of scheduled welding work.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products to project site in manufacturer's original packaging with factory original labels attached.
- B. Store products indoors and elevated above floor; prevent warping, twisting, or sagging.
- C. Store products in accordance with manufacturer's instructions; protect from extremes of weather, temperature, moisture, and other damage.

1.08 WARRANTY

- A. Gymnasium Equipment:
 - 1. Special Warranty: Manufacturer agrees to repair or replace components of gymnasium equipment that fail in materials or workmanship within specified warranty period.
 - a. Warranty Period: Warranty periods shall be from date of Substantial Completion.
 - 1) a. Safety Padding: 3 years.
 - 2) b. Volleyball posts: 10 years.
 - 3) c. Volleyball winch: 2 years.
- B. Gymnasium Divider:
 - 1. Warranty period for Gym Divider Curtains: 1 year from date of Substantial Completion.
 - 2. Warranty period for Divider Curtain Winch/Motor: 5 years from date of shipment.
- C. Basketball Equipment:

1. Provide an extended warranty under the provisions of Section 01 78 36.
2. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of basketball equipment that fail in materials or workmanship within specified warranty period.
 - a. Failures include, but are not limited to, the following:
 - 1) Basketball backboard failures including glass breakage.
 - 2) Faulty operation of basketball backstops.
3. Warranty Periods: Warranty periods shall be from the date of "Substantial Completion".
 - a. Basketball backstop structure: 25 years.
 - b. Backboards installed with goal brace: Lifetime warranty.
 - c. Basketball goals: 3 years.
 - d. Backstop winch: 5 years.
 - e. Backboard bolt-on safety edge padding: 8 years.

PART 2 PRODUCTS

2.01 MANUFACTURERS

- A. Gymnasium Equipment:
 1. Draper, Inc: www.draperinc.com/#sle.
 2. Porter Athletic Equipment Company: www.porterathletic.com/#sle.
 3. Substitutions: Section 012510 "Product Options and Substitutions."

2.02 GENERAL REQUIREMENTS

- A. See drawings for sizes and locations, unless noted otherwise.
- B. Provide mounting plates, brackets, and anchors of sufficient size and strength to securely attach equipment to building structure; comply with requirements of Contract Documents.
- C. Hardware: Heavy duty steel hardware, as recommended by manufacturer.
- D. Structural Steel Fabrications: Welded in accordance with AWS D1.1/D1.1M, using certified welders.

2.03 GYMNASIUM DIVIDER CURTAINS

- A. Type: Electrically operated, fold-up gymnasium divider to include motor winch, cables, sheave assemblies, controls, clamps for attachment to building structure, supports, and other components required for complete functional installation; Ridge-Fold Gym Divider as manufactured by Draper Company, Inc.
- B. Operation: Gym divider shall utilize pivot joints to fold compactly into roof contour. Curtain moves by accordion fold-up action as weighted bottom is raised by hoist lines passing through curtain grommets. Hoist lines pass through sheave assemblies attached to roof structure. Lines pass through intermediate sheaves which act as idler assemblies and direct lines to motorized winch. Lines terminate at individual drums sized in variable ratios allowing raised curtain to conform to roof slope.
- C. Configuration: Pivot joints in top and bottom batten pipes allow divider to conform to roof contour in both open and stored positions. Divider extends across room as indicated on Drawings.
 1. Minimum required clearance between vertical curtain edges and adjacent fixed objects: 6 inches.
 2. Provide 36 inches space between curtain ends and walls or fixed objects to allow passage space around divider.
- D. Operating winch: Powered with C-Face motor sized for specific project torque requirements and equipped with thermal overload protection and rotary counting limit switch to control curtain travel. Individual drums sized in variable ratios shall be provided for factory termination of each cable. Winch to be attached to roof structure.
- E. Sheaves: Heavy-duty assemblies with roller bearings and attached to roof structure at each hoist location.

- F. Hoist lines: 1/8 inch diameter steel cable with 2,100 pounds minimum breaking strength. Lines shall attach to battens concealed at curtain bottom, pass through curtain grommets to sheave assembly, continue through intermediate sheaves along slope of roof to winch, and terminate at individual drums. Space lines at approximately 109 inches.
- G. Top curtain support: 1-5/8 inches diameter steel pipes with pivot joints in curtain pocket and suspended from sheave assembly and roof structure with No. 2/0 chain.
- H. Attachment: Attach sheaves and winch to structural support with beam clamps, steel angle brackets.
- I. Divider bottom: Hoist lines secured to 1-5/8 inches diameter steel pipe batten with pivot joints in 6 inches wide curtain pocket.
- J. Gymnasium Divider Curtains:
 - 1. Curtain Material: Class A rated, self-extinguishing vinyl coated polyester complying with NFPA 101.
 - a. Upper Section: 9 oz/sq yd (0.3 kg/sq m) vinyl mesh fabric.
 - 1) Color: As selected by Architect.
 - 2) Resistant to rot, mildew, and ultraviolet light.
 - 3) Flammability: Rated self-extinguishing in accordance with California State Fire Marshall Title 19.
 - b. Lower Section: 18 oz/sq yd (0.6 kg/sq m) solid vinyl coated polyester.
 - 1) Color: Manufacturers standard color.
 - 2) Resistant to rot, mildew, and ultraviolet light.
 - 3) Flammability: Rated self-extinguishing in accordance with California State Fire Marshall Title 19.
 - c. VOC Emission: Divider Curtain Vinyl and Mesh to be low emitting and certified to meet all of the requirements of the GREENGUARD Gold certification program. GREENGUARD Gold requires emissions of total volatile organic compounds ≤ 0.22 mg/m³, formaldehyde ≤ 0.0135 ppm, total aldehydes ≤ 0.043 ppm, individual volatile organic compounds $\leq 1/1000$ TLV and $\leq 1/2$ chronic REL and total phthalates ≤ 0.01 mg/m³. Vinyl and Mesh must be evaluated to indoor air quality evaluation (IAQ) using a GREENGUARD product evaluation protocol following the requirements of The GREENGUARD Product Certification Program, ASTM Standard D5116 and the United States Environmental Protection Agency and modeled based on GEI requirements for a standard gymnasium loading and ASHRAE 62.1 – 2004 ventilation conditions. Manufacturer to provide certificate and/or test results upon request.
 - d. Seams: Vertical and electronically welded with 1 inch full contact weld.
 - e. Outer edge hems: Turned with double welds.
 - f. Top edge: Solid fabric in triple thickness and double welded to mesh to form 6 inches wide pocket for top pipe batten.
 - g. Bottom edge: Padded Pocket to house bottom pipe batten.

K. Controls: .See Part 2.04 Below

L. Width: As indicated on drawings.

M. Manufacturers:

- 1. Porter, Center Roll Divider Curtain #2080 Series
- 2. Draper, Inc; Roll Up, Motorized: www.draperinc.com/#sle.

2.04 BASKETBALL

A. PERFORMANCE REQUIREMENTS

- 1. Seismic Performance: Basketball backstops and anchors shall withstand the effects of earthquake motions determined according to ASCE/SEI 7 and 2019 CBC.

B. Basketball System: Backstop assembly, backboard, and goal.

- 1. Manufacturers General :
 - a. Source Limitations: Obtain each type of basketball equipment from single source from single manufacturer.
 - b. Acceptable Manufacturers:

- c. Basis of Design: Draper, Inc: www.draperinc.com/#sle.
- d. Porter Athletic Inc.; www.porterathletic.com
- e. Sports Specialties; www.sportsspecialties.com
- f. Substitutions: Section 012510 "Product Options and Substitutions."

C. MATERIALS

- 1. Structural steel tubing: Steel, mechanical, round tubing conforming to ASTM A500.
- 2. Clamps:
 - a. Beam clamps: Split-A type with 7 square inches minimum beam flange contact area and secured with 2 all-thread bolts at each attachment point. Clamps shall be designed to be capable of supporting a minimum of 20,000 lbs. each. Superstructure shall be designed with a minimum of four attachment clamps to produce a combined minimum attachment point safety factor of 75 to 1. Superstructure tubes shall be reinforced with bridging and/or bracing when truss centers exceed 10'-0".
 - b. Component attachment clamps: Full surface type fabricated from 1/4 inch thick steel or saddle style utilizing serrated clamping surface and minimum 5/8" U-Bolt.
 - c. Goal brace: Type attaching behind goal mounting plate and directly to backstop main stem transferring load directly to structural frame.
- 3. Extruded aluminum: ASTM B221, alloy 6063 Temper T5.
- 4. Aluminum castings: ASTM B85.
- 5. Particleboard: Solid core, 55 pounds per cubic foot density industrial grade complying with ASTM A208, Type 1, Grade 1-M-3 factory finished with phenolic resin sheet thermally fused to front and back surfaces.
- 6. Finish: Factory applied white powder coat for steel parts.

D. Ceiling-Suspended Forward Folding Backstop Assemblies: Capable of mounting both rectangular and fan-shaped backboards.

- 1. Framing: Center strut; forward folding framing.
 - a. Side Courts at Gym 102 (4 Required):
- 2. Manufacturers:
 - a. Basis of Design: Draper, Inc; EZ Fold Ceiling Suspended Forward-Folding: www.draperinc.com/#sle.
- 3. Distance from court floor to backstop attachment at roof structure: As indicated on Drawings.
- 4. Main frame: Rigid T design of back-to-back right triangles constructed by welding together steel tubing of the following outside diameters and gauges. Parallelogram frames are not acceptable.
 - a. Main center stem: 6 inches diameter, 11 gauge of length sufficient to allow backstop height adjustment of plus or minus 6 inches.
 - b. Top member of T frame: 4 inches diameter, 11 gauge.
 - c. Folding front brace: Jackknife type, fully adjustable, self-locking in down position constructed from 2-1/2 inches diameter, 13 gauge outer tube and 2-1/4 inches diameter, 14 gauge inner tube.
 - d. Diagonal side braces: 2-1/4 inches diameter, 14 gauge.
- 5. Pivot point: 1-1/4 inches diameter solid steel shaft and 1/2 inch steel plate hangers.

E. ELECTRIC WINCH

- 1. Basis-of-Design Product: Draper Inc. Model No. 503285 Electric Winch.
- 2. Provide for each folding basketball backstop separate electric winch mechanism.
- 3. Type: Fully enclosed, direct drive, worm gear, electric winch designed to hold backstop at any position during raising and lowering.
 - a. Motor: 3/4 HP, 11.5 AMP, capacitor type, 60 cycle, 115 volt, single phase with automatic thermal overload protection manufactured in compliance with NEMA specifications.
 - b. Hoist cable: 1/4 inch diameter, 7 by 19, galvanized aircraft cable with 7,000 pounds ultimate breaking strength.
 - c. Roller: Spring-load providing tensioning pressure to ensure cable tracks evenly on grooved drum.

- d. Limit switches: Rotary counting up and down type, pre-wired to motor as integral part of winch.
- 4. Controls: Draper EZ-Pad Plus Group Controller as specified in Article 2.04.K.
- F. SAFETY BELT AND LOCK
- G. Safety Strap:
 - 1. Basis-of-Design Product: Draper Inc. Model No. 503229 Aut-O-Loc 2™ Safety Belt.
 - 2. Provide each front- and rear-folding basketball backstop with safety belt and lock test to withstand 1000 pounds free fall load.
 - 3. Safety Lock: Inertia sensitive to automatically lock backstop in position at any time during storage, raising, or lowering. Sudden increase in either tension or speed shall activate lock.
 - 4. Safety Belt: 2 inches wide nylon belt rated at 6000 pounds breaking strength.
 - 5. Belt shall extend 36 feet and shall be automatically retracted and stored on reel equipped with constant force spring. Operation and locking action shall be activated by centrifugal force to lock backstop before unit travels 12 feet of free fall.
 - 6. Unit shall incorporate automatic reset not requiring poles, ropes, levers, or buttons for resetting.
- H. Backboards: Tempered glass, rectangular shaped.
 - 1. Construction: 1/2 inch thick fully tempered glass in extruded aluminum frame with mitered corners. Provide steel gusset type mounting corner brackets with slots for mounting backboard to support structure.
 - 2. Goal mounting assembly: Steel assembly secured to aluminum frame and equipped with steel sleeves through glass allowing rear structure to be secured to front mounting plate. Provide with holes and studs to secure backboard and goal directly to goal brace. Front plate provided with holes for goal attachment.
 - 3. Dimensions: 42" high by 72" wide.
 - 4. Markings: Painted.
 - 5. Equip frame and goal mounting assembly with neoprene shock absorbing cushions.
 - 6. Permanently etch official white border and target area on front side of glass.
 - 7. Color: Manufacturer's standard.
 - 8. Manufacturers:
 - a. Basis-of-Design Product: Draper Inc. Model 503136 rectangular glass backboard.
- I. Goals: Steel rim, mounted to backboard, with attached nylon net; complete with mounting hardware.
 - 1. Type: Breakaway goal with standard no-tie net attachment and designed to withstand shock loads from player slam dunking or hanging on rim.
 - 2. Rim shall deflect down when 230 pounds static load is applied and return to playing position when load is removed. Breakaway point shall be adjustable from 160 to 230 pounds.
 - 3. Ring shall have rebound characteristics identical to those of non-moveable ring. Factory set proper flex and rebound requirements. Goal features easy-adjust system to allow users to adjust the breakaway point from 160 pounds to 230 lbs.
 - 4. Ring: Fabricated from 5/8 inch diameter steel rod formed into 18 inches ring. Rigidly brace with die cut steel braces welded to rim.
 - 5. Mounting plate: Heavy duty steel plate bracket with mounting holes and designed to position inside of ring 6 inches from backboard.
 - 6. Rim shall be provided with 12 formed wire "no-tie" net attachment clips on which the net securely hooks.
 - 7. Anti-whip net: Top half made of durable fibers encased in nylon to prevent net from whipping up on rim. Lower half all nylon. Color white.
 - 8. Mounting hardware: Zinc plated.
 - 9. Finish: Powder coat orange.
 - 10. Manufacturers:
 - a. Basis-of-Design Product: Draper Inc. Model 503576 Breakaway Goal.

J. HEIGHT ADJUSTER

1. Type: Mechanism for manually adjusting height of rectangular backboard and goal.
 - a. Basis-of-Design Product: Draper Inc. Model 503092 Manual Height Adjuster.
 - b. Construction: Steel angle frame attaching to backboard, double slip tube guide assembly, clamp type connectors, and other required attachment hardware.
 - c. Operation: Provide 1-1/4 inches acme threaded rod and nut assembly, Timken bearing, and crank for manual operation.

K. Backboard Safety EDGE Padding

1. Basis-of-Design Product: Draper Inc. Model 5032XX bolt-on backboard safety padding.
2. Type: Foam padding for bottom edge and corners of backboard to provide safety protection to meet NCAA and NFHS requirements.
3. Color: As selected by Architect from manufacturer's standard colors

L. GYM EQUIPMENT GROUP CONTROL SYSTEM

1. Provide EZ Pad 3.0 Control System by Draper, Inc of Spiceland, IN. EZ Pad 3.0 Group Controller is capable of controlling Basketball Backstops with Electric Winches, Electric Divider Curtains, Electric Height Adjusters, Overhead Volleyball Systems, Wrestling Mat Lifters and other Auxiliary Devices from a centralized location. EZ Pad 3.0 to consist of a combination of touch screens and relay/processor boxes and is fully programmable to operate gym equipment and auxiliary devices in groups of up to 8 devices. EZ Pad 3.0 is capable of being networked with other EZ Pad 3.0 devices (relay boxes or touch screens) in almost unlimited combinations.
2. Touch Screen(s) are Draper Model No 503337 EZ Pad 3.0 Color Touch Screens. Touch Screen is 7 inches diagonally and include a trim ring for a neat clear appearance. Touch Screen communicates with relay/processor boxes via ethernet communications requiring CAT-5e or better cable.
3. Relay/Processor Box(es) are Draper Model No. 503358 EZ Pad 3.0 Relay Box. Relay box is a 16" x 12" x 4" hinged steel enclosure that surfaces mounts. Each Relay Box includes two banks of relays that includes sufficient relays to operate four directional devices from input voltage and one on/off auxiliary device with an outside power source. Each Relay Box receives 2 (one for each bank of relays) dedicated 30-Amp Circuits. Relay enclosure is listed as a complete assembly as meeting requirements of UL Standard 66010-2-201-Standard for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use.
4. EZ Pad 3.0 Control System includes multi-level password protection to ensure only authorized individuals can operate devices or alter system programming. User password only allows someone to operate devices individually or groups as defined in system programming. Administrator password allows same function as user password plus allows initial set up and other program modifications. Administrator password also allows user to name connected devices, name relay boxes, define and name groups, define timeout period and change passwords. System includes a hard coded backdoor password that is available from manufacturer to use should other passwords be lost or forgotten. Touch Screen automatically returns to inactive mode if inactive for more than the user defined timeout period.
5. Relay Boxes can be combined in unlimited quantities to operate as many devices as may be required. Each Relay box can operate up to two touch screens. All communications over ethernet connections using CAT-5e or better cable. Relay boxes must be within 300 feet of next relay box and touch screens must be within 300 feet of relay box to which it is connected.
6. Control System if field programmed and all programming can be done from touch screen or from relay box interface. Programming is soft coded, there are any dip switches to address devices to be set during system set up. System allows for creation of up to 64 unique and namable groups. System will allow groups of up to 8 devices to run simultaneously and includes logic that prevents the creation of groups that might overload input circuits. To do this it will allow no more than two devices connected to any relay bank and a maximum of 4 devices in the same relay box. To have groups of 8 devices, two or more relay boxes are required.

7. Control system allows for devices or groups to be operated from relay panel if touch screen(s) were to become disabled. Devices are operated following instructions on LED screen and push buttons located on relay box control boards. User defined password(s) are required to operate devices from relay panels.
8. Division 26 Electrical contractor shall provide and install: All conduits complete with wire from power source to relay/processor box, from relay/processor box to devices being operated, CAT 5e or better ethernet wire between relay/processor boxes and touch screen, CAT 5e or better cable between each relay/processor box and next relay/processor on network and one standard 5-5/8" x 4-1/2" c 2-1/2" electrical box (RACO Box #942 or equivalent) for each touch screen.

M. PROTECTIVE CABINET FOR TOUCH PAD CONTROLLER

1. Basis-of-Design Product: Safety Technology International; www.sti-usa.com; Model STI-7520 Protective Cabinet.
 - a. Internal Dimensions: 10.875" W x 8.875" H x 3.625" D.
2. Clear UV-stabilized polycarbonate cover. Frosted polycarbonate back box. Three year guarantee against breakage of polycarbonate in normal use.
3. Design: Steel internal mounting plate provided. Design allows visibility at any angle.
4. Construction: Constructed of tough polycarbonate.
5. Accessories: Equipped with integral key lock.
6. Installation:
 - a. External mounting tabs.
 - b. Complete with mounting hardware and gasket.
7. Testing Approvals:
 - a. UL and cUL S7255
 - b. Type 4X Approved.
 - c. Tested to UL38, UL50 and UL2017.
8. ACCESSORIES
 - a. Provide backstops with backstop hangers, clamps, brackets, fasteners, and all other hardware required for complete, functional, rigid assembly and installation.

2.05 FLOOR-MOUNTED EQUIPMENT

A. VOLLEYBALL EQUIPMENT

1. Materials - Volleyball Equipment:
 - a. Structural steel tubing: Steel, mechanical, round tubing conforming to ASTM A500.
 - b. Extruded aluminum tubing: Schedule 80, ASTM B221, alloy 6063 Temper T5.
 - c. Aluminum castings: ASTM B85.
2. Floor Sleeves and Covers:
 - a. Floor sleeve: Round, mechanical steel tube sleeve welded to steel anchor plate for casting in concrete floor to receive volleyball standard; Floor Sleeve #501006 as manufactured by Draper, Inc.
 - b. Sleeve shall be constructed of steel mechanical tubing with an inside diameter of 3-1/2", welded to a 4" x 4" bottom plate. Sleeve shall be 8-1/2" deep with overall length of 8-3/4".
 - c. Cover plate: High-strength molded urethane recessed mounting flange, 8-1/4" diameter, and 8 inches diameter cast-aluminum, chrome-plated cover; Cover Plate #501034 as manufactured by Draper, Inc.
 - 1) Cover shall have polished chrome finish.
 - 2) Equip cover with swivel type retaining screw and key to open and lock cover.
 - 3) Cover installed with four Phillips-head wood screws.
 - 4) Cover plate installs flush with playing surface.
3. Volley Ball Nets and Posts: One court system of adjustable posts, net, and tensioning winch meeting requirements for FIVB, USA Volleyball, NCAA and NFHS competition requirements.
 - a. Telescoping Aluminum Standards: Type: Telescoping standards fabricated from Schedule 80 aluminum bottom and upper tubes and capable of adjusting from 73 inches to 100 inches in 1 inch increments to meet all age group height settings.

- 1) Standard PVS-01 500001 as manufactured by Draper, Inc.: Pair of standards, one with tensioning winch and other with adjustable cable anchoring collar. Both standards equipped with single pulley sheave on upper telescoping tube section.
- 2) Bottom Posts Section: 3-1/2 inch (89 mm) O.D. with 0.30 inch wall thickness, 72 inches high. schedule 80 aluminum tube with 1 inch (25 mm) height adjustments between 42 and 96 inches (1.07 and 2.4 m).
- 3) Upper telescoping tube section: 2-7/8 inches diameter with 0.28 inch wall thickness.
- 4) Pulley sheaves: 4 inches diameter pulley and oilite bushing attached to top of upper telescoping tube.
- 5) Tensioning Winch: Manual crank heavy duty, self-locking worm gear mechanism.
 - (a) Position winch on outside of bottom tube.
 - (b) Equip winch with 2 inch wide, high tensile nylon strap with sling ring and spring-hook for connection to net cable.
- b. Net: 4 inch (101 mm) square #36 nylon cord with vinyl coated polyester hem, double stitched around the perimeter: Net 500004 as manufactured by Draper, Inc.
 - 1) Top Hem Reinforcing: 2000 pound (907 kg) minimum break strength galvanized aircraft cable in nylon coating.
 - 2) Bottom Hem Reinforcing: 1/4 inch (6.3 mm) diameter braided nylon rope with spring loaded, pressure type rope tensioner: 500005 as manufactured by Draper, Inc.
 - 3) Size: 32 feet long by 39-3/8 inches high..
 - 4) Provide double stitched, vinyl coated polyester hem around perimeter of net. At net ends, provide hem with pocket containing 1/2 inch diameter fiberglass dowel.
- c. Antenna and boundary marker: Pair of 2 inches wide, white, polyester reinforced vinyl strips to attach with snap fasteners to ends of net at boundary lines; Pair of 3/8 inch diameter fiberglass rods with red and white strips to extend above net 32-1/2 inches; 500016 Boundary Markers and Antenna as manufactured by Draper, Inc.
- d. Protective Pads: Polyethylene foam covered with polyester reinforced vinyl fabric.
- e. Manufacturers:
 - 1) Draper, Inc; Power Volleyball System (PVS): www.draperinc.com/#sle.
 - 2) Porter Athletic Inc.; www.porterathletic.com

2.06 WALL PADDING

- A. Wall Padding: Foam filling bonded to backing board, wrapped in covering; each panel fabricated in one piece.
 1. UL GreenGuard Gold Certified Protection Pads: Entire wall pad assembly shall have been submitted to indoor air quality evaluation (IAQ) evaluation in accordance with UL 2811 test method to show compliance with emissions limits on UL 2818 Section 7.1 and 7.2. Materials are tested in accordance with ANSI/BIFMA M7.1-2011 and determined to comply with ANSI/BIFMA X7.1-2011 and ANSI/BIFMA e3-2014e credit 7.6.1, 7.6.2 and 7.6.3. Material of emissions of total volatile organic compounds of < 0.22 mg/m3, formaldehyde < 0.0135 ppm, total aldehydes < 0.043 ppm, individual volatile organic compounds < 1/1000 TLV and < 1/2 chronic REL and total phthalates < 0.01 mg/m3. Manufacturer must be able to provide independent lab and test reports to verify compliance.
 2. Surface Burning Characteristics: Flame spread index (FSI) of 25 or less, smoke developed index (SDI) of 450 or less, Class A , when tested in accordance with ASTM E84 as a complete panel.
 3. Flammability: Comply with NFPA 286.
 4. ASTM Compliance for Indoor Wall Padding: Pads shall meet all requirements of ASTM F2440. Manufacturer must be able to provide independent lab and test reports to verify compliance.

5. Provide 1 inch wide fabric flanges at panel bottom and top; Z clips at panel bottom and top; and continuous clear-anodized aluminum channel system at panel bottom and top for wall mounting panels.
6. Covering: Vinyl-coated polyester fabric, mildew and rot resistant; stapled to back of board.
 - a. Color: As selected from manufacturer's standard range.
 - b. Texture: Embossed leather-look.
 - c. Fabric Weight: 14 oz/sq yd (0.52 kg/sq m), minimum.
 - d. Breaking strength: 350 PSI.
 - e. Tear resistance: 65 pounds.
 - f. Resistant to rot, mildew, and ultraviolet light.
 - g. Flammability: Rated self-extinguishing in accordance with California State Fire Code F-230.
7. Foam, Fire-Rated: Open cell polychloroprene (Neoprene), with 5.5 pcf (90 kg/cu m) nominal density.
8. Foam Thickness: 2 inches (50 mm).
9. Backing Board: 7/16" Oriented strand board.
 - a. Thickness: 3/8 inch (9.5 mm), minimum.
10. Pad shape and size: Sizes and shapes as indicated on Drawing Elevations.
 - a. Flat, rectangular pads: 24 by 72 inches.
 - b. C shaped pads at furred columns: Dimensions as required (VIF) by 72 inches high.
11. Fastening Margins: 1 inch (25 mm) wide, covered by fabric covering.
12. Mounting: Permanent; using screws.
13. Mounting: Removable; Z-clips fixed to wall and to padding.
14. Manufacturers:
 - a. Sports Venue Wall Padding, <https://www.sportsvenuepadding.com>
 - b. Draper, Inc; EcoVision Wall Pad: www.draperinc.com/#sle.
 - c. Porter Athletic Inc.; www.porterathletic.com
15. Column Safety Pads: Pads covering exposed flange of columns to height indicated, consisting of 2" thick, multiple-impact-resistant, closed-cell, polyethylene-foam filler, covered on both sides and all edges by fabric covering with backer board and manufacturer's standard anchorage to column (Z mounting clips top and bottom).
 - a. Length: Each pad minimum 72 inches, matching length of wall safety pads.
 - b. Fabric Covering Color(s): Match color of cut safety pads.
16. Cutout Trim: Manufacturer's standard flanged cutout trim kits for fitting pads around switches, receptacles, and other obstructions.

3.01 EXAMINATION

- A. Take field measurements to ensure proper fitting of work. If taking field measurements before fabrication will delay work, allow for adjustments within recommended tolerances.
- B. Inspect areas and conditions before installation, and notify Architect in writing of unsatisfactory or detrimental conditions.
- C. Do not proceed with this work until conditions have been corrected; commencing installation constitutes acceptance of work site conditions.
- D. Verify that electrical services are correctly located and have proper characteristics.

3.02 INSTALLATION

- A. Install in accordance with Contract Documents and manufacturer's instructions.
- B. Coordinate installation of inserts and anchors that must be built in to flooring or subflooring.
- C. Install equipment rigid, straight, plumb, and level.
- D. Secure equipment with manufacturer's recommended anchoring devices.
- E. Install wall padding securely, with edges tight to wall and without wrinkles in fabric covering.
- F. Separate dissimilar metals to prevent electrolytic corrosion.

3.03 ADJUSTING

- A. Verify proper placement of equipment.
- B. Verify proper placement of equipment anchors and sleeves, and use actual movable equipment to be anchored if available.
- C. Adjust operating equipment for proper operation; remove and replace equipment causing noise or vibration; lubricate equipment as recommended by manufacturer.

3.04 CLEANING

- A. Remove masking or protective covering from finished surfaces.
- B. Clean equipment in accordance with manufacturer's recommendations.

3.05 PROTECTION

- A. Protect installed products until Date of Substantial Completion.
- B. Replace damaged products before Date of Substantial Completion.

END OF SECTION

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**SECTION 11 66 43
INTERIOR SCOREBOARDS**

PART 1 - GENERAL

1.01 SUMMARY

- A. Section Includes:
 - 1. Single-sided LED basketball scoreboards.
- B. Single-sided LED basketball shot clocks; total of (2) - main court only.
- C. Related Documents: The Conditions of the Contract and Division 01 apply to this section as fully as if repeated herein.

1.02 REFERENCES

- A. Standard for Electric Signs, UL 48.
- B. Standard for CSA C22.2 #207.
- C. Federal Communications Commission Regulation Part 15.
- D. National Electrical Code.

1.03 ACTION SUBMITTALS

- A. Product data: Submit manufacturer's product illustrations, data and literature that fully describe the scoreboards and accessories proposed for installation.
- B. Shop drawings: Submit mechanical and electrical drawings.
- C. Maintenance data: Submit manufacturer's installation, operation, and maintenance manuals.
- D. Sample warranty.

1.04 CLOSEOUT SUBMITTALS

- A. Maintenance data: Submit manufacturer's installation, operation, and maintenance manuals.
- B. Warranty.

1.05 QUALITY ASSURANCE

- A. For indoor use only.
- B. Source Limitations: Obtain each type of scoring equipment and electronic displays through one source from a single manufacturer.
- C. ETL listed to UL 48.
- D. NEC compliant.
- E. FCC compliant.
- F. ETLC listed to CSA 22.2 #207.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Products delivered on site.
- B. Scoreboards and equipment to be housed in a clean, dry environment.

1.07 PROJECT CONDITIONS

- A. Environmental Limitations: Do not install scoring equipment until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for project when occupied for its intended use.
- B. Field Measurements: Coordinate scoreboard location and height with the customer. Verify dimensions by field measurements.
- C. Supply weight and mounting method for owner to verify that building structure is capable of supporting the scoreboard's weight in addition to the auxiliary equipment.

1.08 WARRANTY

- A. Provide 5 years of no cost parts exchange including standard shipping on electronics parts and radios due to manufacturing defects.

- B. Provide toll-free service coordination.
- C. Provide technical online and phone support during Daktronics business hours.

PART 2 - PRODUCTS

2.01 BASIS-OF-DESIGN MANUFACTURER

- A. Daktronics, Inc., 201 Daktronics Drive, P.O. Box 5128, Brookings, SD 57006-5128;
www.daktronics.com
- B. Substitutions: Section 01 25 10 "Product Options and Substitutions."

2.02 PRODUCT

- A. Basis-of-Design Product: Daktronics BB-2116 single-sided basketball scoreboard displays period time to 99:59, HOME and GUEST scores to 199, PERIOD to nine and indicates possession and bonus. During the last minute of the period, scoreboard displays time to 1/10 of a second. Scoreboard can also score volleyball, wrestling and any sport requiring a clock, score and period function.

2.03 SCOREBOARD

- A. General information:
 - 1. Dimensions: 4'-0" high, 14'-0" wide, 0'-6" deep.
 - 2. Base weight: 210 lb; options may increase weight.
 - 3. Base power requirement: 190 W; options may increase wattage.
 - 4. Color: As selected by Architect from manufacturer's standard paint selections
- B. Construction:
 - 1. All-aluminum construction.
 - 2. Scoreboard back, face, and perimeter: 0.063" thick.
 - 3. Cabinet withstands high-velocity impact from air-filled sports balls without the need for protective screens.
- C. Digits and Indicators:
 - 1. LED digit technology: UniView® (UV) – enhanced digits with diffusant lenses over the LEDs that blend the light for a uniform bar look and 140 degrees view angle.
 - 2. LED color: Amber clock/colon and PERIOD digits and bonus indicators with Red score digits and possession indicators.
 - 3. Clock and score digits: 18" high.
 - 4. PERIOD digit: 13" high.
 - 5. Bonus indicators: 4" high.
 - 6. Possession arrows: 3" high.
 - 7. Seven bar segments per digit.
- D. Captions:
 - 1. Vinyl applied directly to scoreboard face.
 - 2. HOME and GUEST captions: 8" high.
 - 3. PERIOD and T.O.L. caption: 6" high.
 - 4. Color: Standard white or choose from manufacturer's vinyl color selections.
- E. Border Striping:
 - 1. Vinyl striping applied around the clock and scoreboard face.
 - 2. Color: standard white or choose from manufacturer's vinyl color selections
- F. Horn:
 - 1. Vibrating horn mounted inside the scoreboard cabinet behind the face.
 - 2. Sounds automatically when period clock counts down to zero.
 - 3. Sounds manually as directed by operator.
- G. Power Cord:
 - 1. Cord length: 11 feet long.
 - 2. Cord plugs into a standard grounded outlet.
- H. Accessory Equipment:

1. Custom vinyl team name caption in place of HOME.

2.04 SCORING CONSOLE

- A. Console is an All Sport® 5000 controller.
- B. Scores multiple sports using changeable keyboard inserts.
- C. Controls multiple scoreboards, stats displays and shot clocks, including other All Sport 5000 controlled displays currently owned by customer.
- D. Recalls clock, score, and period information if power is lost.
- E. Runs Time of Day and Segment Timer modes.
- F. Console includes:
 1. Rugged aluminum enclosure to house electronics.
 2. Sealed membrane water-resistant keyboard.
 3. 32-character backlit LCD to verify entries and recall information currently displayed.
 4. Power cord that plugs into a standard grounded outlet; 6 watts max.
 5. Control cable to connect to the control receptacle junction box (wired system only).
 6. Hand-held switch for main clock start/stop and horn.
 7. Soft-sided carrying case.
- G. Accessory Equipment:
 1. 2.4 GHz spread spectrum radio system with frequency hopping technology and 64 non-interfering channels; system includes a transmitter installed inside the console and a receiver installed inside the scoreboard(s).
 2. Hard carrying case.
 - a. Battery pack.

2.05 SHOT CLOCK SCOREBOARD

- A. Basis-of-Design Product for Basketball Shot Clock: Daktronics BB-2114 single-sided basketball shot clock timer displays shot times up to a value of 99 seconds. It can also count down from any preset time between 0 and 99 seconds. A hand-held start/stop/reset switch is included with purchase.
- B. General information:
 1. Provide at Main Court goals only.
 2. Dimensions: 1'-7" high, 1'-10" wide, 0'-6" deep.
 3. Weight: 15 lb.
 4. Power requirement: 30 W.
- C. Color: Selected by Architect from manufacturer's over 150 colors.
- D. Construction:
 1. All-aluminum construction
 2. Scoreboard back, face, and perimeter: 0.063" thick.
 3. Cabinet withstands high-velocity impact from air-filled sports balls without the need for protective screens
- E. Digits:
 1. Shot clock digits: 13" high.
 2. Shot clock digits: Red LEDs.
 3. Seven bar segments per digit.
 4. PanaView® (PV) digit technology – discrete LEDs protrude through the scoreboard face.
- F. Horn:
 1. Internal horn sounds automatically when shot clock counts down to zero.
 2. Sound is distinctly different from the game-clock horn.

G. Accessory Equipment: Hardware for mounting to wall below scoreboard location.

- H. Scoring Console: Controller not included with standard purchase; timer will be controlled by the same console controlling the basketball scoreboard(s).

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that mounting surface is ready to receive scoreboard. Verify that placement of conduit and junction boxes are as specified and indicated in plans and shop drawings.

3.02 INSTALLATION

- A. Power conduit, power conductors, and signal conduit to within 3 feet of displays will be installed by Customer. Control wiring and labor to install will be the responsibility of the contractor assigned to the display equipment. Power conduit, signal conduit, and all electrical connections from within 3 feet of displays will be the responsibility of the contractor assigned to the display equipment.
- B. Mount scoreboards and interior displays to wall in location detailed and in accordance with manufacturer's instructions. Unit to be plumb and level.

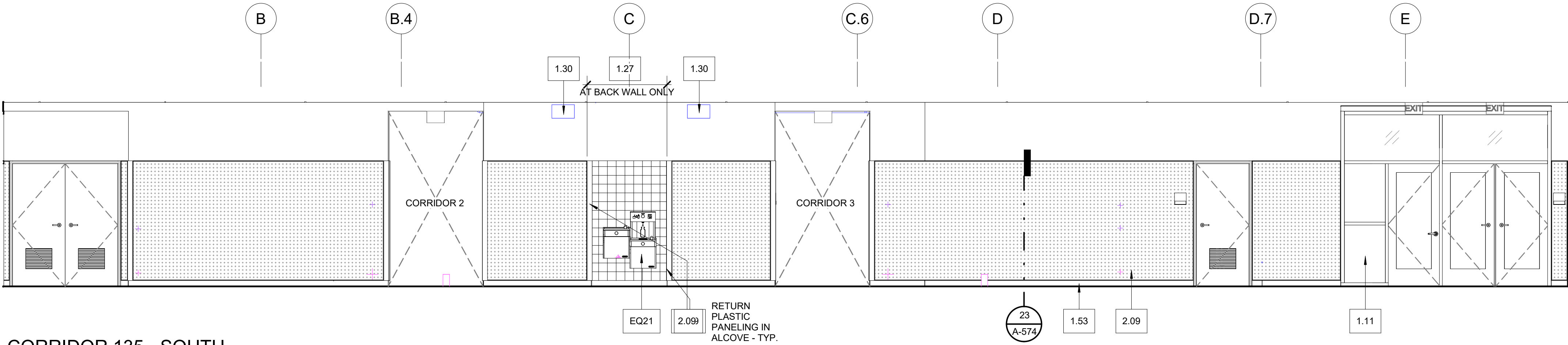
3.03 INSTALLATION - CONTROL CENTER

- A. Provide boxes, cover plates and jacks as required to meet control specification requirements. Control cables to control panels shall be concealed.
- B. Test the operation of the scoreboard, controller and all control jacks; leave control unit in carrying case and other loose items with owner's designated representative.
- C. Conduct operator training on the scoreboard/controller operation.

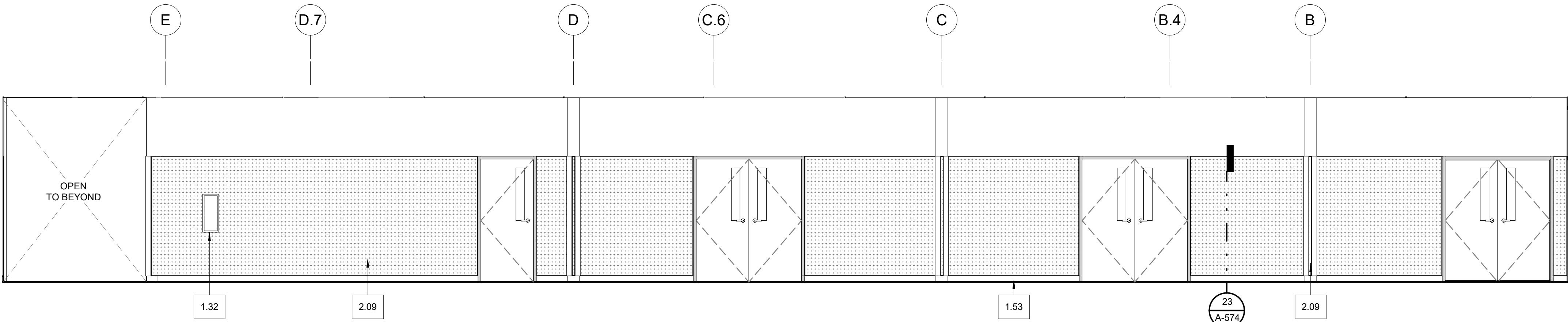
3.04 INSTALLATION - BASKETBALL SHOT CLOCKS

- A. Mount shot clock to wall in location detailed and in accordance with manufacturer's instructions. Unit to be plumb and level.

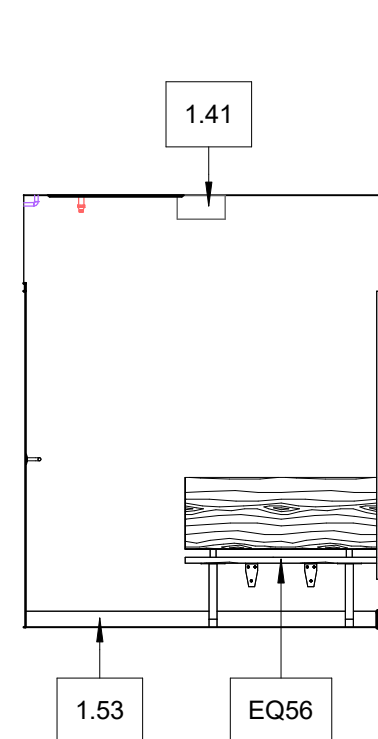
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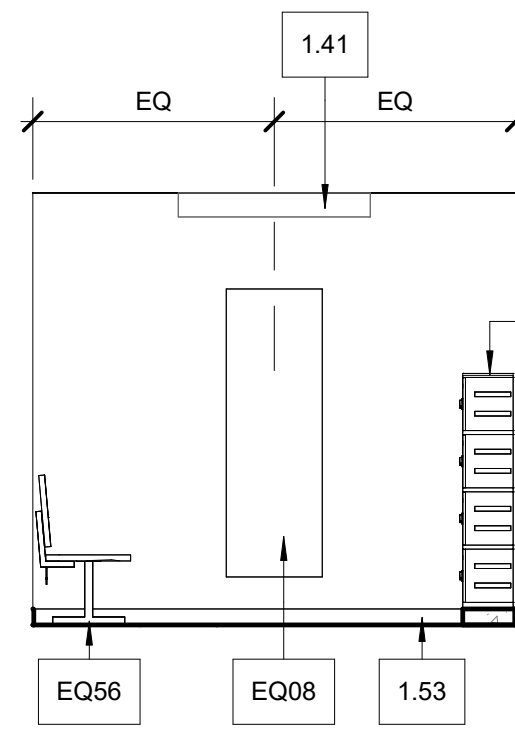
9 CORRIDOR 135 - SOUTH
1/4" = 1'-0"



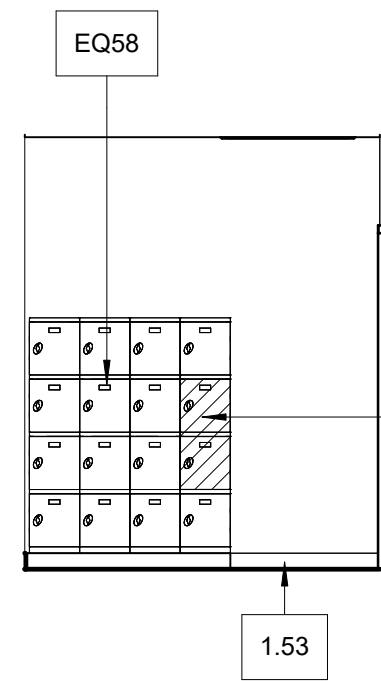
8 CORRIDOR 135 - NORTH
1/4" = 1'-0"



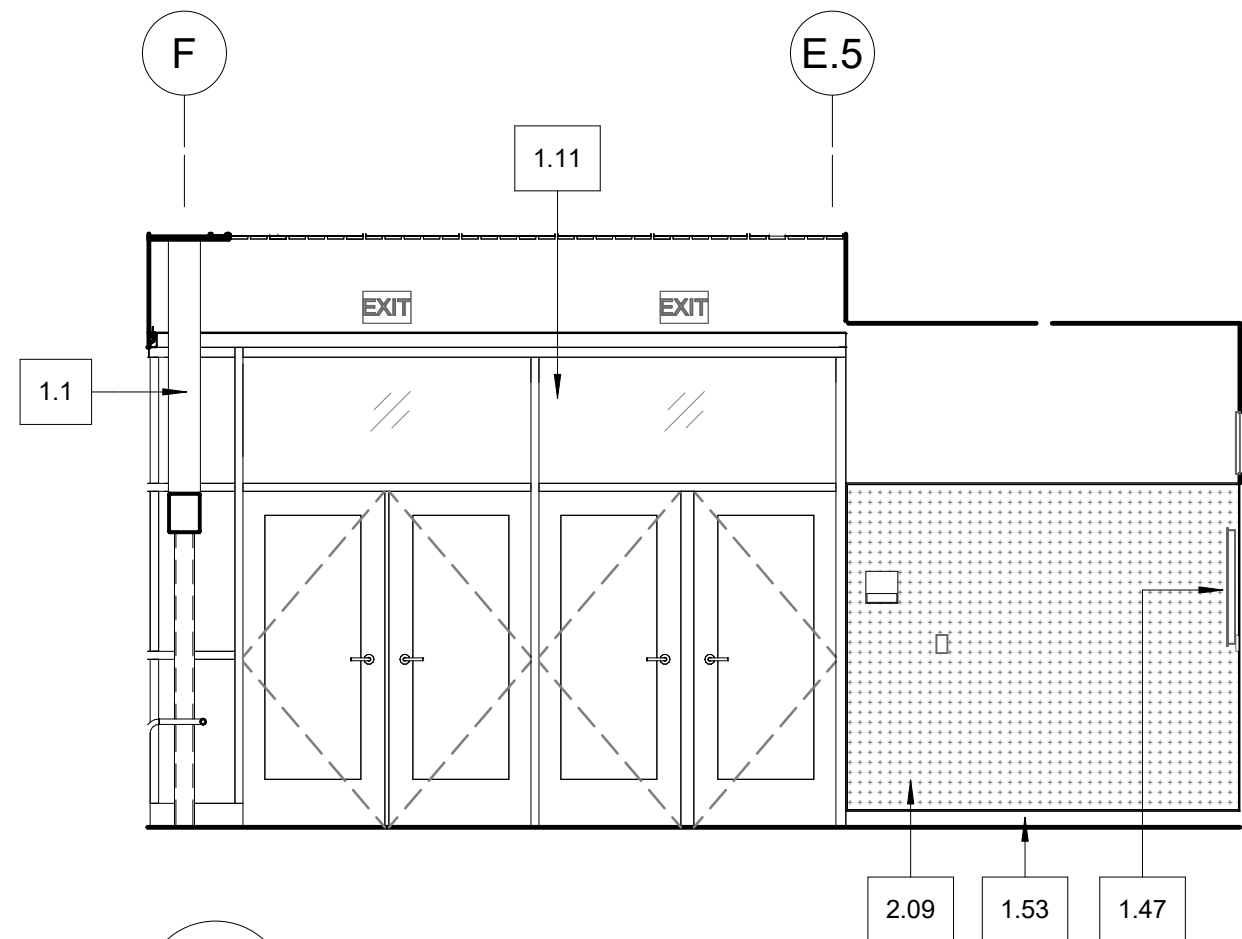
7 DRESSING ROOM 110 (113 SIMILAR) - SOUTH
1/4" = 1'-0"



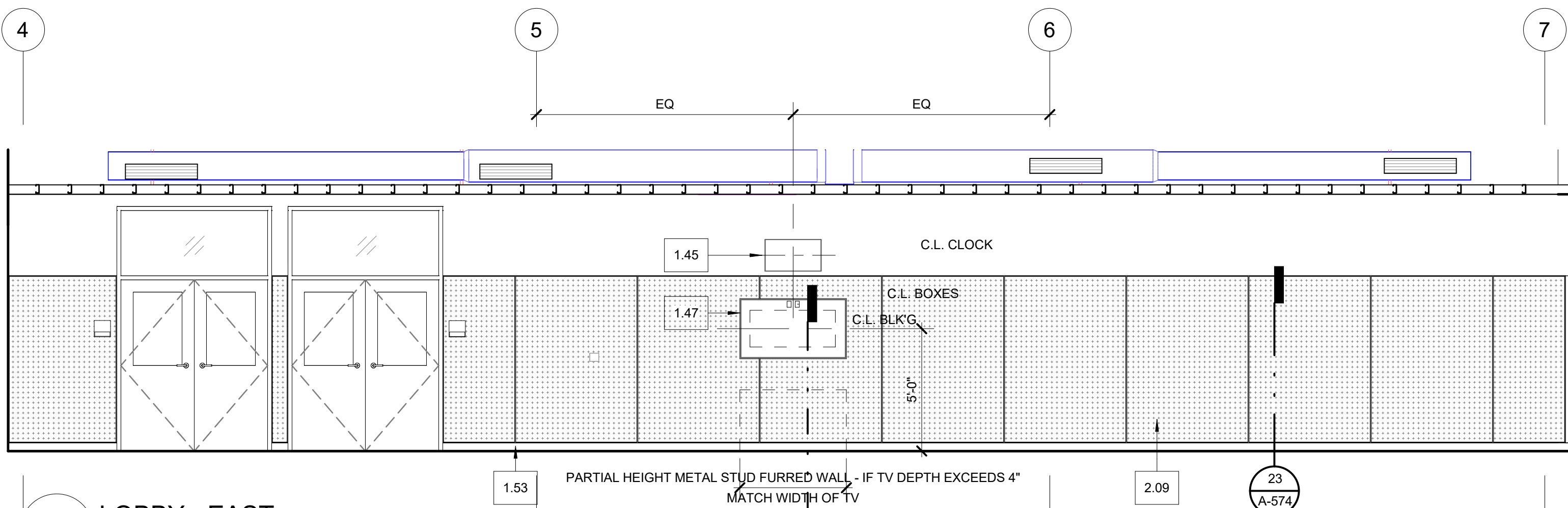
6 DRESSING ROOM 110 (113 SIMILAR) - WEST
1/4" = 1'-0"



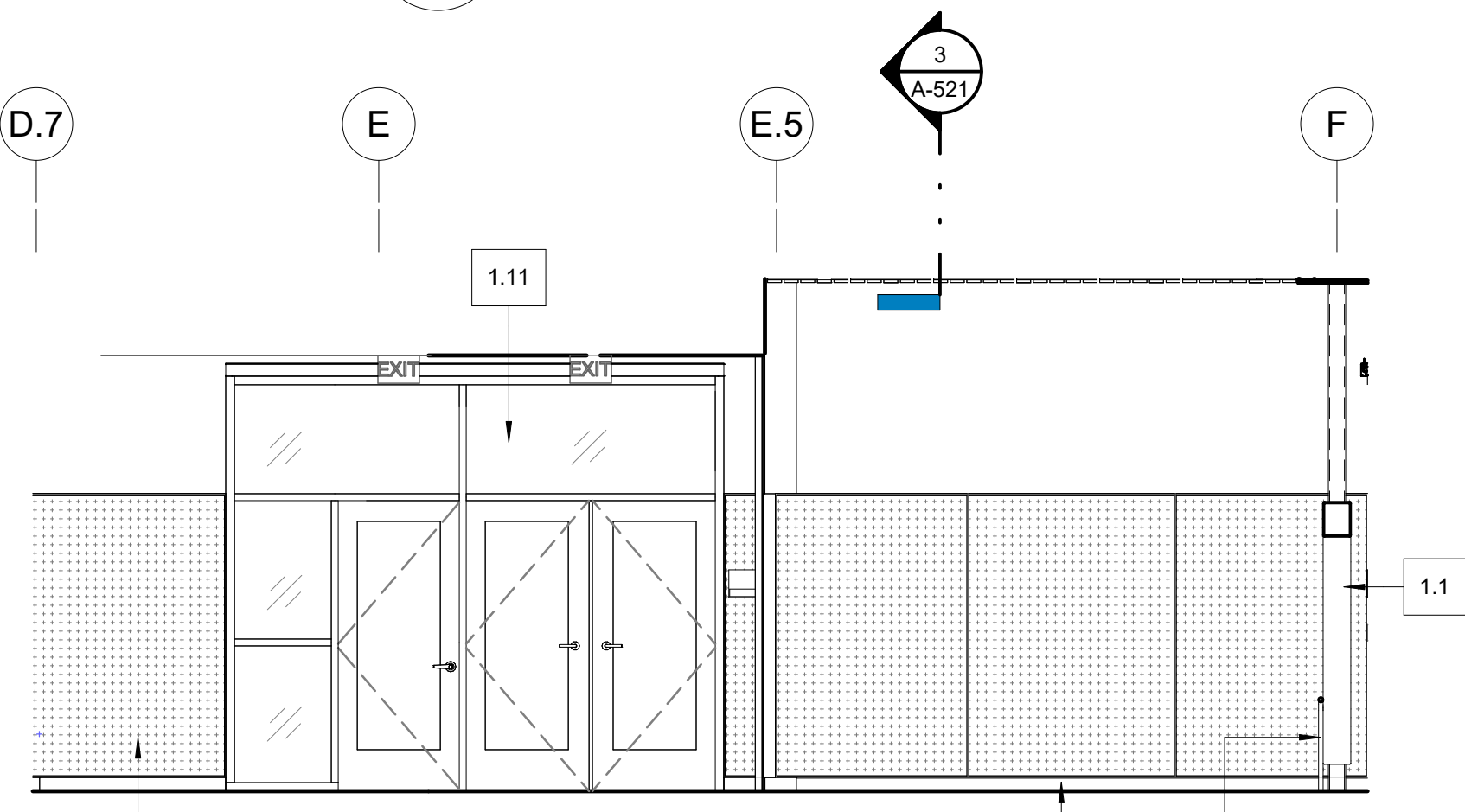
5 DRESSING ROOM 110 (113 SIMILAR) - NORTH
1/4" = 1'-0"



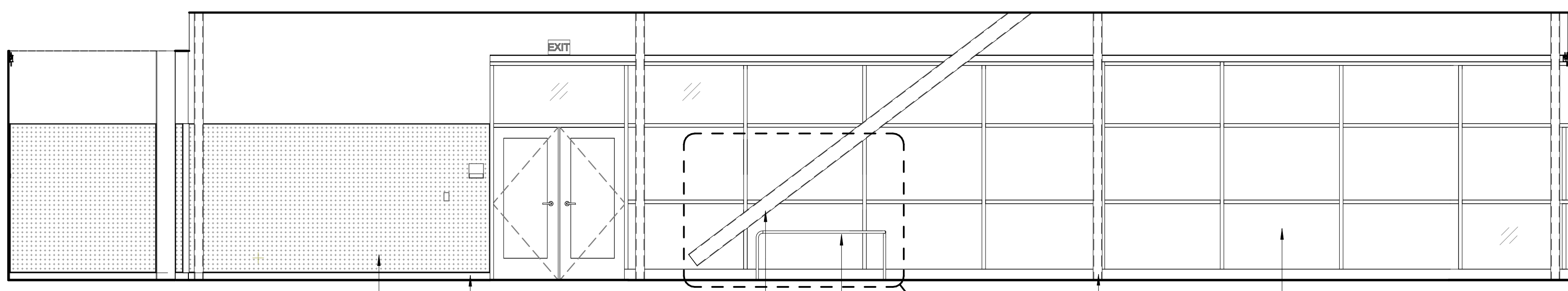
4 LOBBY - NORTH
1/4" = 1'-0"



3 LOBBY - EAST
1/4" = 1'-0"



2 LOBBY - SOUTH
1/4" = 1'-0"



1 LOBBY - WEST
1/4" = 1'-0"

KEYNOTES	
KEY VALUE	KEYNOTE TEXTS
1.1	STEEL FRAMING, S.S.D.
1.11	ALUMINUM STOREFRONT WINDOW SYSTEM; SEE WINDOW SCHEDULE ON SHEET A-601
1.27	6X6 CERAMIC TILE PER DETAIL 6/A-585, TYP.
1.30	WALL DIFFUSER, TYP. - S.M.D.
1.32	SEMI-RECESSED FIRE EXTINGUISHER CABINET PER DETAIL 11/A-573, TYP.
1.41	LIGHT FIXTURE, S.E.D.
1.45	CLOCK / SPEAKER - S.E.D.
1.47	WALL MOUNTED MONITOR; PROVIDE BACKING DETAIL PER DETAIL 17/A-572
1.53	BASE PER SCHEDULE, TYP.
1.92	PEDESTRIAN PROTECTION RAIL PER DETAIL 11/A-511
2.09	PLASTIC PANELING W/ CLEAR ANODIZED ALUMINUM TRIM - TYP.

SPECIALTY EQUIPMENT SCHEDULE	
KEY VALUE	KEYNOTE TEXT
EQ08	MIRROR 24" X 72" PER DETAIL 1/A-581
EQ21	HILO DRINKING FOUNTAIN AND BOTTLE FILLER STATION PER DETAIL 13/A-581
EQ56	ACCESSIBLE BENCH - SEE DETAIL 7/A-574
EQ58	METAL LOCKERS, 4-HIGH BOX, REFER TO DETAIL 1/A-574



San Mateo - Foster City School District

District Office
1170 Chess Drive
Foster City, CA 94404

SMFCSD Bowditch Middle School
Gymnasium

1450 Tarpon St
Foster City, CA 94404

Date Issued For
09/30/2022 DSA SUBMITTAL
03/31/2023 DSA BACK CHECK
11/15/2023 BID SET

HED
417 Montgomery Street
Suite 400
San Francisco, California
94108 USA
(415) 981-2345
WWW.HED.DESIGN

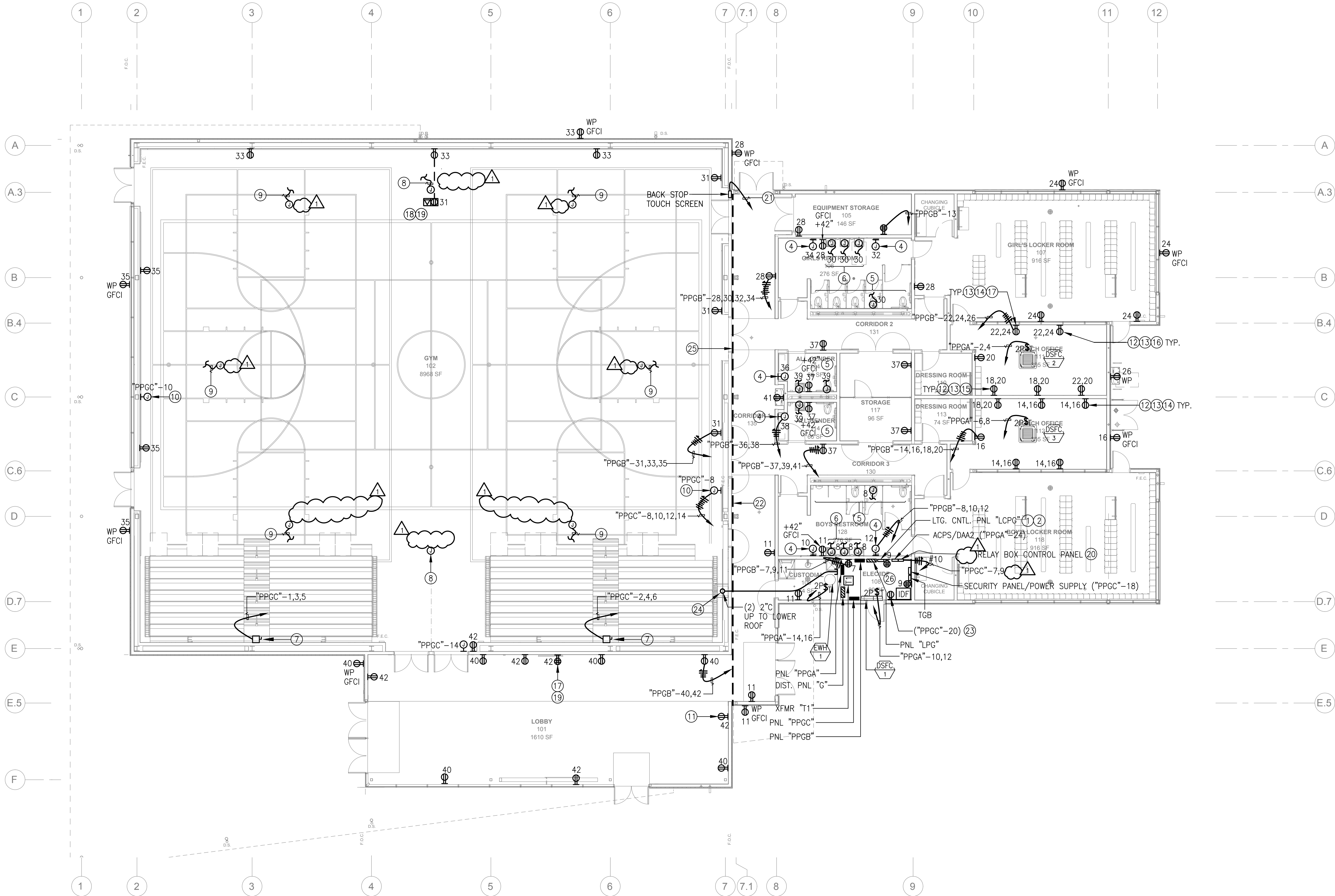
2020-06953-000
INTERIOR ELEVATIONS

GENERAL NOTE:

ALL DEVICES IN GYMNASIUM TO BE PROVIDED WITH PROTECTIVE WIRE GUARDS FOR PHYSICAL BALL PROTECTION. THIS SHALL INCLUDE EXIT SIGNS, CLOCKS, SPEAKERS, LIGHTING, AND FA SPEAKER/STROBE DEVICES.

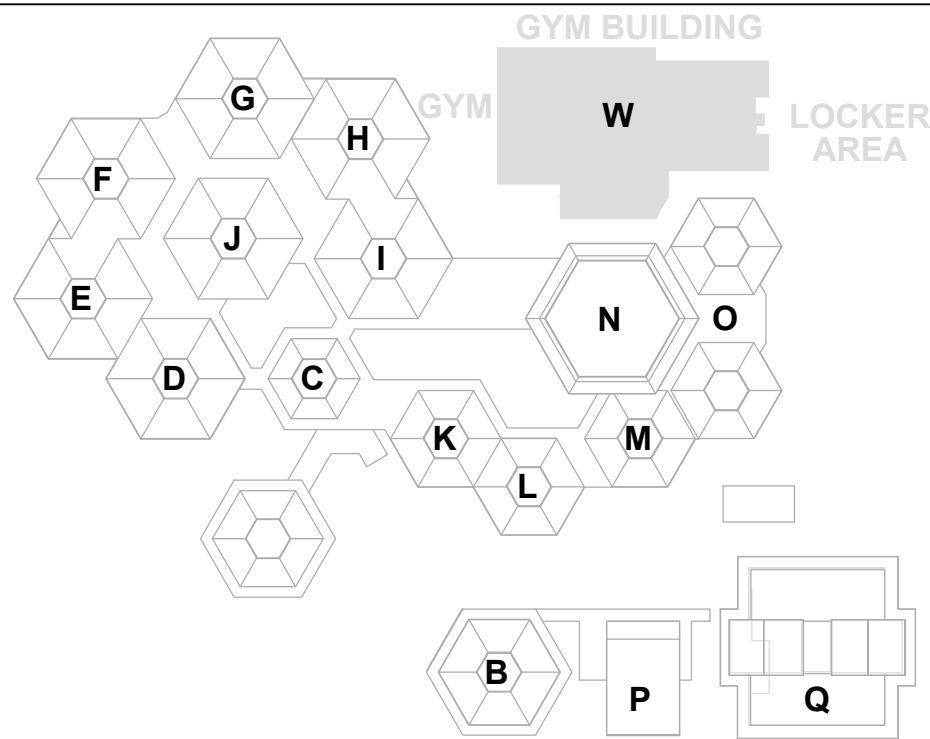
SHEET NOTES:

- 1 PROVIDE LIGHTING CONTROL PANEL WITH TIME CLOCK FOR GYM. WATTSTOPPER CAT #LMA-8125-SM WITH DEMAND RESPONSE IN AN ENCLOSURE. PROVIDE OVER RIDE SWITCH TO CONTROL ALL EXTERIOR LIGHTING ZONES WITH EMERGENCY LIGHTING CONTROL UNIT (ELCU-200)
- 2 CONNECT "LCPG" TO "LPG"-2
- 3 4"W x 8"H x 3/4" THICK PLYWOOD BOARD.
- 4 120V DEDICATED POWER CONNECTION FOR HAND DRYER. ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTION.
- 5 120V CONNECTION TO FLUSH VALVE. POWER CONVERTER IN 2-GANG BOX. COORDINATE WITH PLUMBING.
- 6 120V POWER CONNECTION TO FAUCET. COORDINATE WITH PLUMBING. SEE DETAIL 3/E-703.
- 7 PROVIDE A 30A/3P, 240V MAX. NON-FUSIBLE DISCONNECT SWITCH IN NEMA 1P ENCLOSURE. MAKE FINAL CONNECTION TO BLEACHER MOTORS. EXTEND CIRCUIT CONNECTION TO CONTROL BOX AND CONTROL BOX TO MOTOR LOCATIONS. VERIFY EXACT REQUIREMENTS WITH BLEACHER MANUFACTURER PRIOR TO ROUGH-IN.
- 8 MAKE FINAL CONNECTION TO MOTORIZED CURTAIN WALL. MOUNT J-BOX WITHIN 3'-0" OF MOTOR CONTROL PANEL. CONNECT CONTROL PANEL VIA CONTROL RELAY INSTALLED IN ELECTRICAL ROOM. SEE DETAIL 7 ON E-703 FOR CONTROL RELAY AND WIRE INFORMATION. COORDINATE ALL REQUIREMENTS WITH CURTAIN WALL MANUFACTURER.
- 9 MAKE FINAL CONNECTION TO MOTORIZED BASKETBALL BACK STOP. PROVIDE NEMA L-14-20 TWIST LOCK RECEPTACLE AT BACK STOP ABOVE FOR CORD AND PLUG CONNECTION OF BACK STOP MOTOR. CONNECT EACH RECEPTACLE COMPLETE VIA CONTROL RELAY INSTALLED IN ELECTRICAL ROOM. SEE DETAIL 7 ON E-703 FOR CONTROL RELAY AND WIRE INFORMATION.
- 10 MAKE FINAL CONNECTION TO SCOREBOARD/SHOT CLOCK POWER (MAIN COURT ONLY). COORDINATE EXACT CONNECTION LOCATION WITH SCOREBOARD AND SHOT CLOCK INSTALLER PRIOR TO ROUGH-IN.
- 11 POWER FOR REDCAT SPEAKER SYSTEM AT +96"
- 12 RECEPTACLE SHALL BE SPLIT WIRED WITH ONE CONTROLLED AND ONE UNCONTROLLED RECEPTACLE. PROVIDE A PERMANENT MARKING TO DIFFERENTIATE CONTROLLED FROM UNCONTROLLED RECEPTACLE.
- 13 CIRCUIT SERVING CONTROLLED RECEPTACLE SHALL BE CONNECTED TO OCCUPANCY SENSOR FOR AUTOMATIC SHUTDOWN.
- 14 RECEPTACLE CONNECTED TO CIRCUIT #14 SHALL BE MARKED "CONTROLLED RECEPTACLE".
- 15 RECEPTACLE CONNECTED TO CIRCUIT #18 SHALL BE MARKED "CONTROLLED RECEPTACLE".
- 16 RECEPTACLE CONNECTED TO CIRCUIT #22 SHALL BE MARKED "CONTROLLED RECEPTACLE".
- 17 WALL MOUNTED RECEPTACLE FOR DISPLAY MONITOR.
- 18 COMBINATION POWER/DATA FLOOR OUTLET, THOMAS & BETTS RFB2 FLOOR BOX IN CONCRETE SLAB WITH PKER-15 EXTENSION. FBTCAL BLANK COVER ASSEMBLY. SEE ARCHITECTURAL DETAIL 24/A-594.
- 19 COORDINATE WITH THE ARCHITECT FOR EXACT LOCATION PRIOR TO ROUGH-IN.
- 20 FLUSH MOUNTED BACK STOP MOTOR CONTROL PANEL (DAPER EZ PAD 3.0) WITH TOP AT 58" A.F.F. PROVIDE 3/4"C, CAT 6 WITH RJ95 BETWEEN PANEL RELAY.
- 21 FLUSH MOUNTED TOUCH SCREEN IN ENCLOSURE (RACO #942) TOP AT 48" A.F.F. PROVIDE 3/4"C, CAT 6 CABLE FROM TOUCH SCREEN TO RELAY CONTROL PANEL LOCATED IN ELECTRICAL ROOM.
- 22 PROVIDE SUFFICIENT FLEX CONDUIT TO ACCOUNT FOR SEISMIC MOVEMENT.
- 23 RECEPTACLE FOR DDC CONTROLLER (HVAC). COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. INSTALL 3/4"C, 3 #12 AND HOMERUN TO PANEL "PPGC"
- 24 SHAFT TO ROOF FOR CONDUIT RACEWAYS.
- 25 DASHED LINE REPRESENTS EXPANSION JOINT. PROVIDE EXPANSION FITTINGS IN ALL CONDUIT CROSSING EXPANSION JOINT.
- 26 AS MUCH AS PRACTICAL RUN CONDUIT RACEWAY TO GYM RM. 102 UNDER FLOOR SLAB IN CRUSHED ROCK SECTION - IN AREA ADJACENT ELEC/IDF RM. 108 CRUSHED ROCK SECTION INCREASE 2" TO ACCOMMODATE CONDUIT CROSSINGS - SEE SHEET S-102.



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

KEY PLAN



San Mateo-Foster City
School District

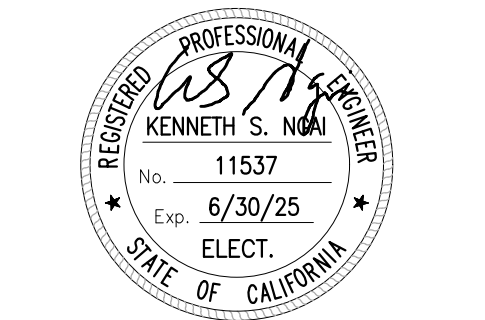
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Date Issued For
09/30/2022 DSA SUBMITTAL
10/11/2023 DSA BACK CHECK
12/07/2023 ADDENDUM 3

Alliance
Engineering
Consultants, Inc
4701 Patrick Henry Drive, Bldg 10
Santa Clara, CA 95051
PROJECT NO. 101-20-07-1



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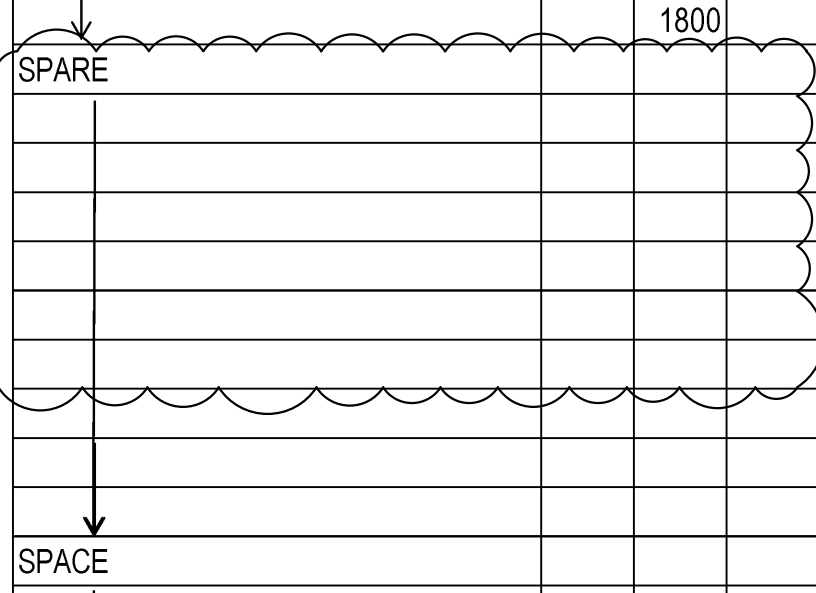



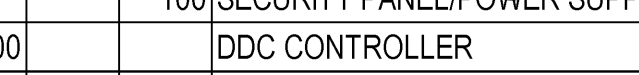
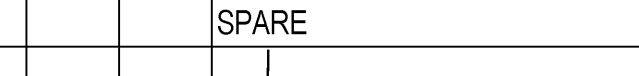
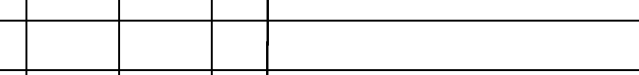
ELECTRICAL PLAN

E-301

LIGHTING FIXTURE SCHEDULE									
MARK	MANUFACTURERS MODEL NO.	LAMPS		TOTAL WATTS	VOLTS	MOUNTING	DESCRIPTION AND REMARKS	WEIGHT	MOUNTING DETAIL
		QTY.	TYPE						
A	WILLIAMS CAT #6DR-TL-L15-835-DIM-UNV-RW-OF-CS	-	LED	13.8	277	RESESSED	6" LED DOWNLIGHT FIXTURE WITH MICRO PRISMATIC, ACRYLIC LENS.	9LBS	3/E-702
A1	WILLIAMS CAT #6DR-TL-L15-835-EM/10W-DIM-UNV-RW-OF-CS	-	LED	13.8	277	RECESSED	SAME AS TYPE "A" LIGHT FIXTURE EXCEPT WITH EMERGENCY BATTERY PACK.	10LBS	3/E-702
B	VODE NEXA CAT #807-NX3-SL-48-48-RAC-O-RP25-AE-2-O-Z-SO-30-CE-O-AL-O	-	LED	19	277	RESESSED	LINEAR LIGHT FIXTURE WITH EXTRUDED ALUMINUM TRIM AND FROSTED ACRYLIC LENS. EXACT MOUNT CLIP SETTING SHALL BE COORDINATED WITH THE ARCHITECT.	1LB/ft	2/A-583
C	WILLIAMS CAT #76R-4-L72/835-DIM-UNV	-	LED	50.2	277	PENDANT	4FT LED STRIP LIGHT FIXTURE WITH DIFFUSE ACRYLIC ROUND LENS. PROVIDE STANDARD FEEDER KITS WITH A 5" CANOPY TO COVER THE JUNCTION BOX AND A 2" CANOPY AT THE NON-FEED POINT, PROVIDE 6FT. ADJUSTABLE AIRCRAFT CABLE.	9LBS	6/E-702
C1	WILLIAMS CAT #76R-8-L104/835-DIM-UNV	-	LED	69.5	277	PENDANT	8FT LED STRIP LIGHT FIXTURE WITH DIFFUSE ACRYLIC ROUND LENS.	17LBS	6/E-702
D	WILLIAMS CAT #39-4-L52/835-A-DIM UNV	-	LED	37.2	277	SURFACE	4FT LED LIGHT FIXTURE WITH FROSTED RIBBED ACRYLIC LENS.	14LB	4/E-702
D1	WILLIAMS CAT #39-4-L52/835-A-EM/10WLP-DIM-UNV	-	LED	37.2	277	SURFACE	SAME AS TYPE "D" LIGHT FIXTURE EXCEPT WITH EMERGENCY BATTERY PACK.	15LB	4/E-702
E	WILLIAMS CAT #MX4R-TR-4'00-L12/835 F-DIM-UNV	-	LED	43.6	277	PENDANT	4FT LINEAR LIGHT FIXTURE WITH EXTRUDED FLAT DIFFUSE ACRYLIC LENS AND EXTRUDED ALUMINUM HOUSING. PROVIDE STANDARD FEEDER KITS WITH A 5" CANOPY TO COVER THE JUNCTION BOX AND A 2" CANOPY AT THE NON-FEED POINT, PROVIDE 6FT. ADJUSTABLE AIRCRAFT CABLE.	17LBS	6/E-702
F	WILLIAMS CAT #76R-8-L60/835-DIM-UNV	-	LED	39.8	277	SURFACE	SAME AS TYPE "C1" LIGHT FIXTURE EXCEPT WITH LED PACKAGE OF L60.	17LBS	4/E-702
F1	WILLIAMS CAT #76R-8-L60/835-EM/10W-DIM-UNV	-	LED	39.8	277	SURFACE	SAME AS TYPE "F" LIGHT FIXTURE EXCEPT WITH EMERGENCY BATTERY PACK.	18LBS	4/E-702
G	DAY-BRITE CAT #RBX-20L-835-UNV-ST-A22R WGA22	-	LED	158	277	PENDANT 24'-0" A.F.F.	LED HIGH BAY LIGHT FIXTURE WITH WIRE GUARD.	25LBS	5/E-702
G1	DAY-BRITE CAT #RBX-20L-835-UNV-ST-EMLED-A22R WGA22	-	LED	158	277	PENDANT 24'-0" A.F.F.	SAME AS TYPE "G" LIGHT FIXTURE EXCEPT WITH EMERGENCY BATTERY PACK.	26LBS	5/E-702
H	GARDCO CAT #121 16L 400 NW-G4 3 UNV	-	LED	22	277	WALL 10'-0"	LED WALL SCONCE LIGHT FIXTURE WITH MAIN BODY CAST HOUSING AND BACK PLATE MADE OF A LOW COPPER DIE CAST.	15Lbs	5/E-703
J	FOCAL POINT CAT #FSM1-FL-500LF-35K-1C-UNV-L11-XFW-WH-8'	-	LED	37.92	277	RECESSED	LINEAR LIGHT FIXTURE WITH EXTRUDED ALUMINUM TRIM AND FROSTED ACRYLIC LENS.	15LBS	8/A-573
J1	FOCAL POINT CAT #FSM1-FL-500LF-35K-1C-UNV-L11-XFW-WH-4'	-	LED	37.92	277	RECESSED	SAME AS TYPE "J" LIGHT FIXTURE EXCEPT WITH 4FT LENGTH.	16LBS	8/A-573
J2	FOCAL POINT CAT #FSM1-FL-500LF-35K-1C-UNV-L11-XFW-EM-WH-4'	-	LED	18.96	277	RECESSED	SAME AS TYPE "J1" LIGHT FIXTURE EXCEPT WITH EMERGENCY BATTERY PACK.	7.5LBS	8/A-573
K	FINELITE CAT #HP-4WL-SM-D-4'-B-835-F-96-277-SC	-	LED	14.4	277	SURFACE	4FT LED LIGHT FIXTURE WITH SURFACE DIFFUSER AND ALUMINUM FINISH.	12.8LBS	4/E-702
K1	FINELITE CAT #HP-4WL-SM-D-6'-B-835-F-96-277-SC	-	LED	21.6	277	SURFACE	SAME AS TYPE "K" EXCEPT WITH 6FT LENGTH.	12.8LBS	4/E-702
K2	FINELITE CAT #HP-4WL-SM-D-8'-B-835-F-96-277-SC	-	LED	28.8	277	SURFACE	SAME AS TYPE "K" EXCEPT WITH 8FT LENGTH.	25.6BS	4/E-702
K3	FINELITE CAT #HP-4WL-SM-D-10'-B-835-F-96-277-SC	-	LED	36	277	SURFACE	SAME AS TYPE "K" EXCEPT WITH (2)5FT LENGTH.	32LBS	4/E-702
K4	FINELITE CAT #HP-4WL-SM-D-12'-B-835-F-96-277-SC	-	LED	43.2	277	SURFACE	SAME AS TYPE "K" EXCEPT WITH (2)6FT LENGTH.	38.4LBS	4/E-702
K5	FINELITE CAT #HP-4WL-SM-D-14'-B-835-F-96-277-SC	-	LED	50.4	277	SURFACE	SAME AS TYPE "K" EXCEPT WITH (2)7FT LENGTH.	44.8LBS	4/E-702
K6	FINELITE CAT #HP-4WL-SM-D-16'-B-835-F-96-277-SC	-	LED	57.6	277	SURFACE	SAME AS TYPE "K" EXCEPT WITH (2)8FT LENGTH.	51.2LBS	4/E-702
K7	FINELITE CAT #HP-4WL-SM-D-18'-B-835-F-96-277-SC	-	LED	64.8	277	SURFACE	SAME AS TYPE "K" EXCEPT WITH (3)6FT LENGTH.	57.6LBS	4/E-702
L	KIRLIN CAT #LRC-10KLD-2500L-277-SKL-WFL-40K-35T-13	-	LED	24.7	277	SURFACE	10" DOWNLIGHT FIXTURE WITH CLEAR POLYCARBONATE BENEATH PRISMATIC ARCRYLIC LENS.	11LBS	4/E-702
L1	KIRLIN CAT #LRC-10KLD-2500L-277-SKL-WFL-40K-35T-13-EM	-	LED	24.7	277	SURFACE	SAME AS TYPE "L" EXCEPT WITH INTERNAL EMERGENCY BATTERY PACK.	11LBS	4/E-702
X	EVENLITE CAT #RZR3-EM-G-1-WH-1B-SD	-	LED	2	277	WALL MTD.	LED EXIT LIGHT WITH GREEN LETTERS ON WHITE BACKGROUND.	4.4LBS	5/E-703
X1	EVENLITE RAZOR MK CAT #RZMR3-EM-G-M1-R1-WH-1B-LL-RC	-	LED	2	277	WALL MTD.	SAME AS TYPE "X" LIGHT FIXTURE EXCEPT WITH REMOTE HEAD EXIT LIGHT USED AS LOW-LEVEL	4.4LBS	5/E-703
X2	EVENLITE CAT #RZR3-EM-G-1-WH-CN-SD	-	LED	2	277	WALL MTD.	SAME AS TYPE "X" LIGHT FIXTURE EXCEPT WITH CANOPY MOUNTED.	4.4LBS	5/E-703
X3	EVENLITE RAZOR MK CAT #RZR3-EM-G-2-WH-1B-SD	-	LED	2	277	WALL MTD.	SAME AS TYPE "X" LIGHT FIXTURE EXCEPT WITH DOUBLE FACE AND DOUBLE ARROWS.	4.4LBS	5/E-703

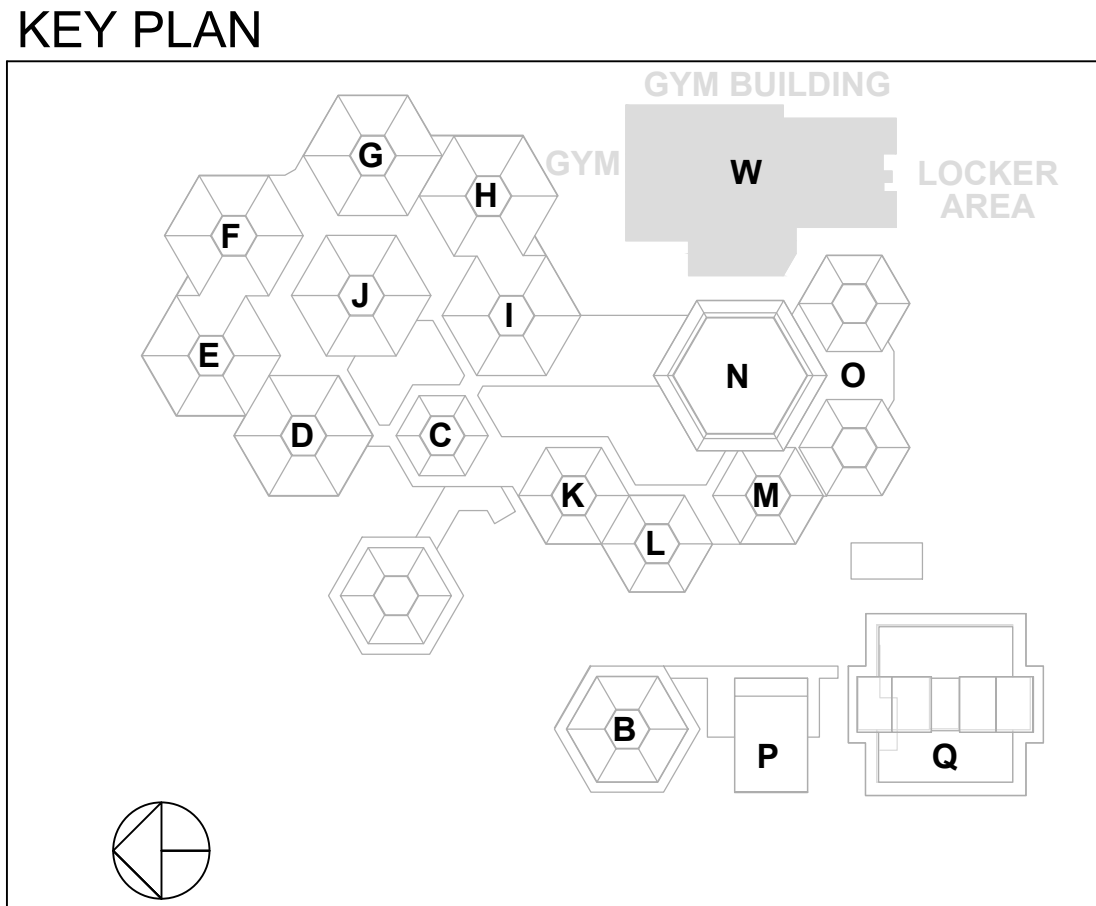
(N) PANEL # G		LOCATION				FEEDER SIZE		SEE SINGLE LINE DIAGRAM					
VOLTS 277/480V,3PH,4W AMPS 400 AIC RATING 14K		MLO <input type="checkbox"/>	FEED THRU LUGS <input type="checkbox"/>		FLUSH <input type="checkbox"/>		SURFACE X						
		MCB <input checked="" type="checkbox"/>	MCB AMPS 400		NEMA 1 <input type="checkbox"/>		NEMA 3R <input checked="" type="checkbox"/>						
		BUS AMPS 400											
DESCRIPTION		LOAD (VA)			BKR/	CKT	BKR/	LOAD (VA)			DESCRIPTION		
		A	B	C	POLE	No.	POLE	A	B	C			
ERV-1		6803			35/3	1	2	80/3	16443			HP-1	
		6803				3	4		16443				
		6803				5	6		16443				
ERV-2		6803			35/3	7	8	80/3	16443			HP-2	
		6803				9	10		16443				
		6803				11	12		16443				
SPACE						-	13	14	45/3	9086			HP-3
						-	15	16		9086			
						-	17	18		9086			
↓						-	19	20					SPACE
						-	21	22					
						-	23	24					
						-	25	26					
						-	27	28					
						-	29	30					
						-	31	32					
						-	33	34					
						-	35	36					
						-	37	38					
PANEL "LPG"		3044			100/3	39	40	150/3	25000			TRANSFORMER "T1"	
		2803				41	42		25000				
		3060				41	42		25000				
SUBTOTAL		13606	13606	13606					41972	41972	41972	SUBTOTAL	
TOTAL LOAD		166.73	KVA;	@	480	VOLTS =		200.6	AMPS				

(N) PANEL #PPGA		LOCATION				FEEDER SIZE		SEE SINGLE LINE DIAGRAM			
VOLTS 120/208V,3PH,4W AMPS 300 AIC RATING 10K		MLO <input type="checkbox"/>	FEED THRU LUGS <input type="checkbox"/>		FLUSH <input type="checkbox"/>		SURFACE <input checked="" type="checkbox"/>		X		
		MCB <input checked="" type="checkbox"/>	MCB AMPS 300		NEMA 1		<input checked="" type="checkbox"/>		NEMA 3R <input type="checkbox"/>		
		BUS AMPS 400									
DESCRIPTION	LOAD (VA)			BKR/	CKT	BKR/	LOAD (VA)			DESCRIPTION	
	A	B	C	POLE	No.	POLE	A	B	C		
DSCU-1	1672			25/2	1 2	15/2	67			DSFC-2	
		1672			3 4			67			
DSHP-2			1523	25/2	5 6	15/2			67	DSFC-3	
					7 8		67				
DSHP-3			1523	25/2	9 10	15/2		38		DSFC-1	
					11 12				38		
ROOF RECEPT		360		20/1	13 14	25/2	2000			EW-H-1	
↓					15 16			2000			
SPARE		360			17 18	15/1			696	F-1	
					19 20	15/1	696			F-2	
					21 22	20/1		200		ALARM BELL	
					23 24				200	FIRE ALARM ACPS/DAA2	
					25 26		100			WINDOW SHADE	
					27 28					SPARE	
↓				↓	29 30	↓				↓	
SPACE				-	31 32	-				SPACE	
				-	33 34	-					
				-	35 36	-				↓	
					37 38		8165				
PANEL "PPGC"		7120		100/3	39 40	100/3		8305		PANEL "PPGB"	
			6220		41 42				8165		
SUBTOTAL	10275	10675	9266				11095	10610	9166	SUBTOTAL	
TOTAL LOAD		61.09	KVA;	@	208	VOLTS = 169.7 AMPS					

(N) PANEL # PPGC		LOCATION				FEEDER SIZE		SEE SINGLE LINE DIAGRAM		
VOLTS 120/208V,3PH,4W AMPS 100 AIC RATING 10K		MLO <input checked="" type="checkbox"/>	FEED THRU LUGS <input type="checkbox"/>		FLUSH <input type="checkbox"/> SURFACE <input checked="" type="checkbox"/>		NEMA 1 <input checked="" type="checkbox"/> NEMA 3R <input type="checkbox"/>			
		MCB <input type="checkbox"/>	MCB AMPS							
		BUS AMPS 100								
DESCRIPTION	LOAD (VA)			BKR/ POLE	CKT No.	BKR/ POLE	LOAD (VA)			DESCRIPTION
	A	B	C				A	B	C	
BLEACHER MOTOR	290			20/3	1 2	20/3	290			BLEACHER MOTOR
		290		3 4	5 6			290		
			290						290	
BACKSTOP CONTROL PANEL	1800			30/1	7 8	20/1	1000			SCOREBOARD
				20/1	9 10		1000			
					11 12					
					13 14		500			
					15 16					
					17 18		100			
					19 20					
					21 22					
					23 24					
					25 26					
					27 28					
					29 30					
					- 31 32 -					SPACE
					- 33 34 -					
					- 35 36 -					
					- 37 38 -					
					- 39 40 -		30/3	1500	1500	TVSS
					- 41 42 -				1290	
SUBTOTAL	2090	2090	290				1890	290	390	SUBTOTAL
TOTAL LOAD		8.04	KVA;	@	208	VOLTS =	22.3	AMPS		

(N) PANEL # LPG		LOCATION		FEEDER SIZE		SEE SINGLE LINE DIAGRAM					
VOLTS	277/480V,3PH,4W	MLO	<input checked="" type="checkbox"/> FEED THRU LUGS	FLUSH	<input type="checkbox"/> SURFACE		<input type="checkbox"/>				
AMPS		MCB	<input type="checkbox"/> MCB AMPS	NEMA 1	<input checked="" type="checkbox"/> NEMA 3R		<input type="checkbox"/>				
AIC RATING	14K	BUS AMPS	100								
DESCRIPTION	LOAD (VA)			BKR/ POLE	CKT No.	BKR/ POLE	LOAD (VA)		DESCRIPTION		
	A	B	C				A	B		C	
SIGNAGE LIGHTING	200			20/1	1	2	20/1	200	LCPG (LTG CNTL PANEL)		
EXTERIOR LIGHT			444		3	4		855	LTG CORR1, LOBBY		
LTG GYM			2844		5	6			216 EXTERIOR LIGHT (EMERGENCY)		
LTG GYM		2844			7	8			SPARE		
LTG CORR2,3, OFFICE,TOILET,LOCKER		1504			9	10					
SPARE				↓	11	12					
SPACE					13	14	-		SPACE		
					15	16	-				
					17	18	-				
					19	20	30/3	1500	TVSS		
					21	22	-	1500			
					23	24	-	1500			
SUBTOTAL		3044	1948	2844				1700	2355	1716	SUBTOTAL
TOTAL LOAD		13.61	KVA;	@	480	VOLTS =	16.4	AMPS			

(N) PANEL #PPGB		LOCATION				FEEDER SIZE		SEE SINGLE LINE DIAGRAM			
VOLTS 120/208V,3PH,4W AMPS 100 AIC RATING 10K		MLO <input checked="" type="checkbox"/>	FEED THRU LUGS <input type="checkbox"/>		FLUSH <input type="checkbox"/>	SURFACE X					
		MCB <input type="checkbox"/>	MCB AMPS		NEMA 1 <input checked="" type="checkbox"/>	NEMA 3R <input type="checkbox"/>					
BUS AMPS 100											
DESCRIPTION	LOAD (VA)			BKR/ POLE	CKT No.	BKR/ POLE	LOAD (VA)			DESCRIPTION	
	A	B	C				A	B	C		
SPARE				20/1	1 2		1500			TVSS	
					3 4	30/3		1500			
					5 6				1500		
IDF RECEPT	360				7 8	20/1	25			FLUSH VALVES, FAUCETS RM 128	
		360			9 10		1000			HAND DRYER RM 128	
RECEPT RM 109,128, 135			900		11 12			1000			
AV RACK	360				13 14		720			CONTROLLED RECEPT RM 112	
SPARE					15 16		1080			RECEPT RM 112	
					17 18			540		CONTROLLED RECEPT RM 111,112	
					19 20		900			RECEPT RM 111,112	
					21 22			540		CONTROLLED RECEPT RM 111	
					23 24			1080		RECEPT RM 111,107	
					25 26	500				DRINKING FOUNTAIN	
					27 28		1000			RECEPT. RM 105,106,107,135	
					29 30			25		FLUSH VALVES, FAUCETS RM 128	
RECEPT. GYM 102	720				31 32		1000			HAND DRYER RM 106	
		720			33 34			1000			
		720			35 36			1000		HAND DRYER RM 104	
RECEPT. RM 104,114,117,130,131	1080				37 38		1000			HAND DRYER RM 114	
FAUCETS, FLUSH VALVES RM 104,114		25			39 40		1080			RECEPT LOBBY	
DRINKING FOUNTAIN COOR. 135			500		41 42			900			
SUBTOTAL	2520	1105	2120				5645	7200	6045	SUBTOTAL	
TOTAL LOAD		24.64	KVA;	@	208	VOLTS =		68.4	AMPS		



San Mateo-Foster City
School District

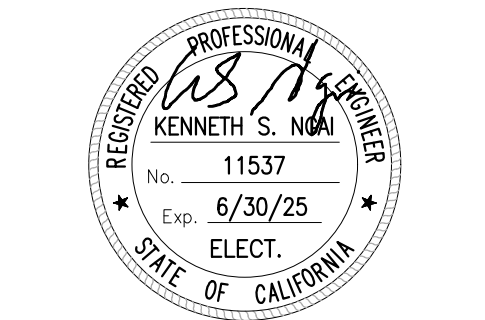
District Office
1170 Chess Drive
Foster City, CA 94404

SMFCSDBowditch
Middle School
Gymnasium

1450 Tarpon St
Foster City, CA 94404

Date Issued For
09/30/2022 DSA SUBMITTAL
10/11/2023 DSA BACK CHECK
12/07/2023 ADDENDUM 3

Alliance
Engineering
Consultants, Inc
4701 Patrick Henry Drive, Bldg 10
San Jose, CA 95051
PROJECT NO. 101-20-07-1

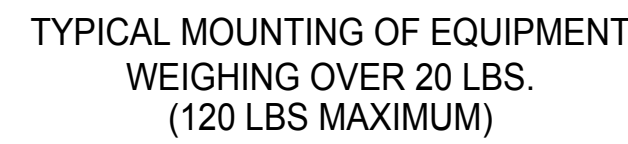


HED
417 Montgomery Street
Suite 400
San Francisco, California
94108 USA
(415) 981-2345
WWW.HED.DESIGN

BD20-06953-000

SCHEDULE S

E-601



The diagram illustrates the installation of a Junction Box by Electrical. It shows a rectangular junction box mounted on a wall. A cable enters the box from the left, passes through a grommet, and is secured with a nut and washer. A second cable enters from the bottom, also passing through a grommet and secured with a nut and washer. A third cable enters from the right, passing through a grommet and secured with a nut and washer. A fourth cable enters from the top, passing through a grommet and secured with a nut and washer. The diagram is labeled with the following components and part numbers:

- Junction Box by Electrical - Locate out of site below lavatory as high as practical off floor
- AC Adapter Cable
- 242.340.00.1 Connecting wire by plumbing
- wiring nuts by electrical
- 242.260.00.1 Transformer by plumbing

NOTE: CAMERAS AND BRACKETS ARE NOT IN CONTRACT – COORDINATE RACEWAY INSTALLATION WITH OWNER VENDOR

SEE ARCHITECTURAL FOR WALL ASSEMBLY

CORNER CAMERA BRACKET – SET SCREWS IN SEALANT – BY OWNER VENDOR

WHERE OCCURS: NOTCH COR TRIM AS REQUIRED FOR COR CAMERA BRACKET – BY OWNER VENDOR

SUPPORT SINGLE GANG BOX AS REQUIRED

3/4" RACEWAY INTO CAMERA BRACKET

Diagram illustrating the UL Through Penetration Firestop System #WL100. The system consists of a sleeve installed in a wall with an acoustic sealant around the sleeve. A urethane rod is stuffed around the penetrating member and sealed inside the sleeve with acoustic sealant. The system is shown in cross-section, with labels for the sleeve, urethane rod, acoustic sealant, and the interior finish.

Labels in the diagram:

- STUFF URETHANE ROD AROUND PENETRATING MEMBER & SEAL INSIDE SLEEVE W/ ACOUSTICAL SEALANT
- SLEEVE INSTALLED IN WALL WITH ACOUSTICAL SEALANT AROUND
- CONDUIT IN SLEEVE
- INTERIOR FINISH
- INTERIOR OR EXTERIOR FINISH

NOTE: PATCH AND FINISH TO MATCH (E)

THESE RECOMMENDATIONS ARE BASED ON PRODUCT PERFORMANCE PER ASTM-814(UL1479) FIRE TEST AND UL THROUGH PENETRATION FIRESTOP SYSTEM #WL100

Front of Touch Screen
Touch Screen should be mounted in location to allow view of equipment to be operated.

Back of Touch Screen
8 5/8" x 4 1/2" x 2 1/2" (219x114x64mm)
Electrical Box Required
(RACO #942 or equivalent)

RELAY BOX IN
From Previous Networked Relay Box
(Cat5e or Better)

RELAY BOX OUT
To Next Networked Relay Box
(Cat5e or Better)

120V From Power Supply

120V From Power Supply

To Device

Neutral Down Up

IN From Power Supply (240V Max)

Aux Relays - Power Switch

OUT to Device (30A Max)

NOTES:
- 6 RELAYS FOR BASKETBALL BACKSTOP MOTOR
- 2 RELAY FOR CURTAIN WALL

Legend:
A-1 UP
A-2 DOWN
A-3 NEUTRAL
A-4 UP
B-1 DOWN
B-2 NEUTRAL
B-3 UP
B-4 DOWN
Aux A IN
Aux B OUT

KEY PLAN