

Addendum No. #03

January 11, 2024

To all bidders for furnishing all labor and materials necessary and required for constructing:

Meadow Heights MP Building INC-2
2619 Dolores St.
San Mateo, CA 94403
DSA#: 01-120018 INC-2

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated 11/16/2023 (Approval date), Addendum No.01, dated December 20, 2023, Addendum No.02, dated January 4, 2024, and Addendum No.03, dated January 11, 2024. Acknowledge all addenda in the space provided on the Bid Form; failure to do so will result in disqualification of the bidder.

NOTICE TO BIDDERS:

1. Bid Date is hereby changed to January 17, 2024, at 10 am.
2. See Attachment "A" for Division 01 Docs
3. See Attachment "B" for Prequalification Report and requirements
4. See Attachment "C1" for Geotech / Geohazard Report
5. See Attachment "C2" for Geotech / Geohazard Report – Supplemental Letter
6. Bid docs are to include Attachment "D" - Civil Off-Site Improvement documents
7. See Attachment "E" for Revised drawings referenced in RFI – Questions and Answers

RFIs – QUESTIONS AND ANSWERS

1. **Question:** Please confirm that Sexual Molestation and Abuse Liability Insurance can be waived off for the General Contractors & their subcontractors for this project.
Answer: Yes, can be waived
2. **Question:** Section 13.1.8 in Attachment "A" issued with Addendum 1 calls for the liability insurance for the General Contractor to be \$10,000,000 aggregate. Note 13.1.3 on Specification Section 00 70 00 requires the subcontractors to have a liability insurance of at least 50% of General Contractor's insurance. The majority of subcontractors with smaller scopes will not have \$5,000,000 liability insurance. Please advise if liability insurance of \$2,000,000 will be sufficient for the subcontractors on this job.
Answer: Refer to chart 13.1.18
3. **Question:** 08 71 00 2.9 Key Systems. Please confirm if furnish and install of permanent cores is to be by door, frame, and hardware subcontractor, or if will be by owner
Answer: GC/Sub are to provide construction core only; permanent cores - furnish and install are to be by Owner.
4. **Question:** Keynote 6 on Grading & Drainage plan (sheet 2.C-3.0) calls for Retaining wall at the bioretention area. However, there is no callout for a retaining wall at that location on 2.L02.00. Please confirm that there will be a retaining wall at the perimeter of the bioretention area (as shown on sheet 2.C-3.0)
Answer: Yes, there is to be a retaining wall around two sides of the bioretention area (north and west). See 2.C-3.0 for elevations where retaining walls are required and see 2.AS401 & 20/2.AS502 for retaining wall reference and details

5. **Question:** Drawing 2.C-2.0 demo legend calls out to cut and cap all existing utilities within the building footprint. Reroute and relocate all underground utilities outside of the footprint. Please provided a drawing the shows all utilities for be cut & capped and rerouted & relocated.
Answer: Survey doesn't show any utilities in this area, but that does not mean nothing will be encountered during construction.
6. **Question:** Bike Rack spec differs on plan sheet. Do they wany the Arc or the Round Bike Rack?
Answer: Please provide "ARC" bike rack.
7. **Question:** On sheet 2.L04.00, there is no controller legend and location provided. Where do we connect wires for new remote-control valves?
Answer: The contractor should refer to Increment 1 plans to see the controller location, and all wires need to be pulled from the Increment 1 controller.
 - a. Wires run parallel to the irrigation main line, as shown in detail 1/2.L05.1
 - b. All wires are direct bury, except when installed in conduits when running under paving. The electrical conduit runs are shown on plans where main line passes under paving, and the electrical conduit symbol is shown in the legend
8. **Question:** Sheet 2.L04.00 says "Plastic Irrigation valve boxes shall be green color". This is under Irrigation Notes > Valve Box Specifications > #1.
Answer: Green valve boxes are acceptable.
9. **Question:** On the same sheet - 2.L04.00, the Irrigation Legend provides a non-potable part number for the quick coupler, 100-2SLLVC
Answer: The part number for the quick coupler is correct. Use the lavender cover. This indicates to users that the water is irrigation water, which could be contaminated and is not for drinking
10. **Question:** Also, the Spec Manual 32 80 00 Irrigation, page 8, under 2.17 "Remote Control Valve Tags", says to use "Purple tags if system using recycled water."
Answer: Yellow tags are fine for this project
11. **Question:** 2.S-111 – Per spread footing schedule, please confirm FS3.0 footing is a 3'-0" SQ. footing. The size cell is blank.
Answer: Yes, this is correct. The FS3.0 is a 3'-0" square footing
12. **Question:** 1/2.S513 – At line 10, footing is shown several feet below the bottom of the stem wall. Please revise detail.
Answer: Top of footing varies along line going deeper towards grid line A. See plan sheet 2.S-111 for top footing along length of 10. At detail 1/2.S-313, there is a graphical error. Stem wall extends down to top of footing height indicated on plan sheet.
13. **Question:** 9/2.S-533 – Thickened is shown as having a slab joint, but this joint is not identified on plans. Please show desired location of joint and thickened edge on foundation plan.
Answer: Slab joints to be laid out in compliance with detail 13/S-531
14. **Question:** Please specify the type and size for the decking at the stage floor? Reference 16/2.S-533
Answer: Decking type CW1 as indicated on the stage plan (see 1 / S-111A). See deck schedule on the same sheet for additional information.
15. **Question:** Detail 1/2.A-211 shows CP-3 at a couple of location on the north elevation. However, the Finish schedule does not have CP-3 Plaster callout. Please provide missing information.

Answer: See sheet 2.A-211 in Attachment "E" - updated Finish Schedule.

16. **Question:** What is the desired finish on the storefronts & Bi folding door? If a painted finish is required, is there a color the architect already selected?

Answer: Revising to not require Color coating.

- a. Revise Spec Section 08 41 13 - Article 2.10 - Finish: Paragraph A to say, " All aluminum extrusions shall have Architectural Class I finish per Aluminum Association Standard AA-M10 C21 A44, Bronze anodized, complying with AAMA 611, 0.7 mill minimum thickness."
- b. Delete Paragraph B (regarding coating) in its entirety.
- c. Folding Storefronts - Finish to match Storefront framing.

17. **Question:** What are the storefronts & folding storefronts finish & material warranty requirements ?

Answer: See Spec Section 08 41 13 (Storefront) and 08 43 33 (Folding Storefront) for individual warranty requirement

18. **Question:** Reference 2.G-513 and 2.AG111 Please confirm "To Exit Sign" and "Directional and Information Sign" are not required as their locations are not mentioned on signage plans but only detail is provided.

Answer: Review 2.AG111 if "To Exit" Signage is called out. Directional and Information Sign detail is provided for reference by other signage details.

19. **Question:** Reference 2.AG111. Please identify the details for #4 electrical panel. Not detail is listed. It just says SIM

Answer: Revise Keynote to say " Electrical Room Signage" to be SIM to Detail 11/2.G.513

20. **Question:** Detail 3/2.AS501 indicates a 2" diamond mesh, detail 13/2.AS502 indicates a 1" diamond mesh, detail 15/2.AS502 calls out slats. Please clarify which chain link wire to price out.

Answer:

- a. Revise Detail 3/2.AS501 - "2" diamond mesh" to "1" diamond mesh". Detail 13/2.AS501 - no revision to "1" Mesh".
- b. Revise Spec Section: 32 31 13 - Article 2.1.C - Fabric: Item 2: From "2 inch..." to "1" no-climb..."
- c. Revise Spec Section: 32 31 13 - Part 2 - Products: Add Article "2.4 - Coatings:
 - A. Polyvinyl chloride or Polyolefin coating.
 - B. Color: Black.
 - C. Components:
 1. Fabric: Thermally fused to zinc-coated wire conforming to ASTM F668; Class 2b.
 2. Framework: Thermally fused to zinc-coated pipe conforming to ASTM F1043; ten mils thick minimum.
 3. Fittings: Thermally fused to zinc-coated fittings conforming to ASTM F626; 0.006 inch thick minimum.
 4. Tie Wire: Thermally fused to zinc-coated wire conforming to ASTM F626.

21. **Question:** Hardware group 101 panic refers to Note 2 & 3. These notes are not defined. Also, this opening with panic does not include a closer, what type of closer should be bid with group??

Answer: See Addendum 2 - Replaced Spec Section 08 71 00 - Door Hardware.

22. **Question:** Confirm in groups 103 and 108 I/C Cylinders (Rim or Mortise) are not required for L-series mortise locks. To be bid as "T" construction core, and Primus permanent core listed only

Answer: See Addendum 2 - Replaced Spec Section 08 71 00 - Door Hardware.

23. **Question:** Per Spec 08 41 13 - Section 2.1.A.1, it notes Kawneer VG 601T SF, which is a 2" x 6" SF System. The plans, Sheet 2.A-211 (as well as other sheets within the plans), under Exterior Finish Schedule, it notes SF to be Kawneer Trifab 451T, which is a 2" x 4 1/2" System. Please advise on system

to be used.

Answer: Revise Spec. Section 08 41 13 - Article 2.1.A - Item 1 Product to: "Trifab VG 451T storefront, with Series 500T Wide Stile doors."

24. **Question:** Alum. Doors: Per Spec 08 41 13 - Section 2.1.A.1, it notes Kawneer 350 Medium Stile Doors. The Specified hardware for some of the Alum. Doors calls out for a Von Duprin 99 Rim Panic. The Von Duprin Rim Panics require a Wide Stile Door for compatibility. Should the Doors be Wide Stile to be compatible with the Von Duprin 99 Rim Panics or should we use Rim Panics that are compatible with the Medium Stile Doors, which I believe are the Von Duprin 33 Series.

Answer: Keep Hardware Specified. Revise Spec. Section 08 41 13 - Article 2.1.A - Item 1 Product to: "Trifab VG 451T storefront, with Series 500T Wide Stile doors."

25. **Question:** Per Spec 08 41 13 - Section 2.10.B calls out for a Painted (Kynar) Finish....Color as indicated on drawings. On the Plans, under Exterior Finishes (as noted above), it mentions color to be determined. On the Door Schedule, it notes the doors to be Anodized. Please advise. If the SF/Doors are to have an Anodized Finish, should the Nanawall Doors also be Anodized?

Answer: Revising to not require Color coating. Revise Spec Section 08 41 13 - Article 2.10 - Finish: Paragraph A to say " All aluminum extrusions shall have Architectural Class I finish per Aluminum Association Standard AA-M10 C21 A44, Bronze anodized, complying with AAMA 611, 0.7 mill minimum thickness. Delete Paragraph B (regarding coating) in its entirety. Nanawall finish is to match Storefront frame.

26. **Question:** Note 1.2 & 1.3 in specification section 21 05 01 (Common Work Results for Fire Protection) calls for Alternates & Unit Prices. The bid schedule does not show any alternates/ unit pricing for Fire Protection. Please confirm that Notes 1.2 & 1.3 of specification section 21 05 01 are not applicable to this project.

Answer: No requirement for Alternates & Unit Prices.

27. **Question:** Some of the Plumbing fixture manufacturers specified in the plumbing equipment schedule know what the bid due date is to the school district because this is a public bid and thus are waiting until the last minute to provide fixture quotes to the regional distributors. This makes it exceptionally difficult to provide an accurate, timely, competitive, and fair fixture quote in our plumbing proposal. This practice has an appearance of impropriety. Question: Can the Plumbing contractors provide "LIKE" alternatives for the plumbing fixtures on this project?

Answer: Refer to specification section 22 00 00, subsection 2.1 T which states, "Fixtures and equipment scheduled on drawings – make and model as scheduled on the drawings or equal." As specified, alternate manufacturers of plumbing fixtures may be submitted providing they are equal to the fixtures scheduled on the drawings.

28. **Question:** Plumbing drawings depict what appears to be a "combination waste vent" in the kitchen area for the (3) FS-1 and (1) FD-2. This current design is not vented properly to be legal as per the California plumbing code. Since the DSA is the AHJ, Is this correct?

Answer: The drawings have been revised adding a 4" vent at the end of the run. Refer to clouded changes on drawings 2.P-100 and 2.P-200.

29. **Question:** Plumbing drawings depict the cross-sectional area of the building sanitary waste system is larger than the cross-sectional area of the combined sanitary vents. This is not a legal condition as per the CPC. Since the DSA is the AHJ, Is this correct?

Answer: The drawings have been revised adding an additional 4" VTR in RR 104 to meet this requirement. Refer to clouded changes on drawings 2.P-100 and 2.P-200

30. **Question:** Please clarify whether the scope of EMS contractor includes the item specified in Note #7 of 2.M-300

Answer: EMS contractor is responsible for control wiring under detail 7. All other items designated with "M" is installed by the mechanical contractor. Lighting Control is not part of HVAC Control system -

Delete Spec Section 23 09 23 Article 2.11 - Lighting Control and Hardware.

31. **Question:** Can you provide us with the lighting control panel submittals and details mentioned in 2.M-300, Note #5? please clarify that the Sequence requires Writable Network Variables for the relay commands.

Answer: 2.M-300 Detail #5 (- Lighting Control Diagram) shall be deleted. All lighting controls shall be installed per the Division 26 specifications and the electrical drawings. Wattstopper is the lighting control system for this project. Electrical Contractor shall coordinate with EMCS Contractor, Mechanical Engineer, and Architect as required to ensure that both the EMCS system and lighting control system and interconnection wiring are installed correctly as required by the Construction Documents.

32. **Question:** Could you clarify if the kitchen exhaust fan and hood will come equipped with a factory installed control panel or if it's to be provided by EMS contractor as per 2.M-302, Note #2.

Answer: The kitchen exhaust fan and hood will not come with a factory installed control panel. The EMTCS contractor is responsible for providing the control panel per detail 2 on 2.M-302..

33. **Question:** Regarding to the VFC Economizer MD schedule 2.M-302 and 2.M-301 Note#1 and 2.M-100, please specify which dampers refer to the economizer, demand control and pressure relief? Additionally, please confirm that all three dampers are required to be interlocked to the VFC-102 and VFC-103.

Answer: The OSA damper controls economizer, min OA, and DCV. The Return dampers control for pressure relief during economizer operation, with the return duct damper closing and the gravity hood damper opening for pressure relief. Correct, all three dampers are required to be interlocked to their respective VFC units..

34. **Question:** Please clarify Detail 4, Sheet 2.M-300, what quantity and locations does this Temperature Alarm apply to?

Answer: The temperature alarm applies to all room controllers/sensors. All room sensors shall tie into the DDC controller. Quantity of DDC controllers is per the EMTCS.

35. **Question:** Regarding Mechanical Title 24 Compliance Acceptance testing: We have noted that the documents issued, specifically page 13 of 14 NRCC-PRF-01-E, on drawings sheet 2.M-001b are missing a "Systems to be Verified" column noting the applicable systems. We will need written clarification by the EOR of the applicable forms and "Systems to be Verified" so we can provide Title 24 compliance.

Answer: The PRF form DOES include applicable NRCA forms:

PRC-02 KEF-1

MCH-02 All HVAC using Table H2

MCH-03 RTU's

MCH-06 See Table H6-7 (Multiuse rm) RTU's

MCH-13 RTU's

(Also see Table "M. Declaration of Required Certificates of Acceptance")

36. **Question:** Please confirm that the EMCS contractor is to provide and install the Low Voltage Lighting control switches per Specification 23 09 23 2.11D.

Answer: Specification 23 09 23 Section 2.11 shall be deleted. All lighting controls shall be installed per the Division 26 specifications and the electrical drawings.

37. **Question:** What portion of the Lighting Control system is to be provided by the EMCS contractor? Reference 23 09 23 2.11 and 26 09 23.

Answer: Specification 23 09 23 Section 2.11 shall be deleted. All lighting controls shall be installed per the Division 26 specifications and the electrical drawings. EMCS Contractor shall coordinate with the Electrical Contractor, Mechanical Engineer, and Architect as required to ensure the EMCS system is installed correctly as required by the Construction Documents.

38. **Question:** The lighting controls requirements as documented in specifications 23-09, 26-09, and both the mechanical and electrical plans are contradictory. Division 23-09 section 2.11 – "Lighting control and

hardware” requires the controls contractor to provide and install Delta lighting controls. Diagram 5 of 2.M-300 of the drawings shows hardwired control of lighting circuits by the controls contractor, wiring by electrical. However, Page 2.E7.3 of the electrical drawings and Division 26 09 23 of the specification, both require a wattstopper control system, to be provided, installed, wired, and programmed by the electrical contractor, with Integration to the Building Automation System through the Network Bridge. Please confirm the lighting control system is Wattstopper and the responsibility of Division 26. Please also confirm the Sequence of Operations for all lighting control through the BAS controls contractor is to be completed through integration with the wattstopper system and not hardwired.

Answer: Specification 23 09 23 Section 2.11 shall be deleted. All lighting controls shall be installed per the Division 26 specifications and the electrical drawings. Wattstopper is the lighting control system for this project. Electrical Contractor shall coordinate with EMCS Contractor, Mechanical Engineer, and Architect as required to ensure that both the EMCS system and lighting control system are installed correctly as required by the Construction Documents.

REVISIONS TO SPECIFICATIONS:

1. Per Q&A listed revisions

REVISIONS TO DRAWINGS:

1. Per Q&A listed revisions

END OF ADDENDUM

PROJECT MANUAL

MEADOW HEIGHTS ELEMENTARY SCHOOL NEW MPR BUILDING

San Mateo-Foster City School District

December 15, 2023

DOCUMENT 00 01 10

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PROCUREMENT AND CONTRACTING REQUIREMENTS

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	00 21 13	Instructions to Bidders
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00 43 13	Bid Bond (Security)
00 43 36	Designated Subcontractors List
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00 43 50	Iran Contracting Act Certification
00 45 00	Notice of Award
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END OF DOCUMENT

DOCUMENT 00 01 15

LIST OF DRAWINGS, TABLES AND SCHEDULES

DRAWINGS

Sheet number

File number

Description

TABLES

SCHEDULES

Please see Drawings!

END OF DOCUMENT

INVITATION TO BID

Notice is hereby given that the governing board ("Board") of the San Mateo-Foster City School District ("District" or "Owner") will receive sealed bids for the following project, Bid No. 20-185

MEADOW HEIGHTS ELEMENTARY SCHOOL NEW MPR BUILDING- Project No. 20-185

1. To bid on this Project, the Bidder is required to have been prequalified by the District. To bid on this Project, the Bidder is required to have been prequalified by the District. Pre-qualification for all bidding General Contractors is to be through Quality Bidders at www.qualitybidders.com. In addition, if the Project has electrical, mechanical, or plumbing components that will be performed by subcontractors performing under the following license classification (s), C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46. then each of those subcontractors that intend to bid as a first-tier subcontractor to a general contractor (prime contractor) are required to have been prequalified by the District, through Quality Bidders at www.qualitybidders.com. Prior to the bid, a minimum of five days before bids are received the District will issue by Bid Addendum all MEP Contractors pre-qualified through Quality Bidders.
2. All prequalification questionnaires will be received until **4:00 P.M., January 6, 2024** through Quality Bidders using their web link at www.qualitybidders.com
3. Sealed Bids will be received until **January 16, 2024 at 10:00 a.m.** at the **San Mateo-Foster City School District Office**, located at **1170 Chess Dr., Foster City, CA, 94404** at or after which time the bids will be opened and publicly read aloud. Any claim by a bidder of error in its bid must be made in compliance with section 5100 et seq. of the Public Contract Code. Any bid that is submitted after this time shall be non-responsive and returned to the bidder.
4. The Project generally consists of: **Construction of a New MPR Building and Site Work**
5. All bids shall be on the form provided by the District. Each bid must conform and be responsive to all pertinent Contract Documents, including, but not limited to, the Instructions to Bidders.
6. To bid on this Project, the Bidder is required to possess one or more of the following State of California Contractor Licenses:

A – General Engineering
Contractor B – General
Building Contractor

The Bidder's license(s) must be active and in good standing at the time of the bid opening and must remain so throughout the term of the Contract.

7. As security for its Bid, each bidder shall provide with its Bid form
 - a bid bond issued by an admitted surety insurer on the form provided by the District,
 - cash, or
 - a cashier's check or a certified check, drawn to the order of the San Mateo-Foster City School District, in the amount of ten percent (10%) of the total bid price. This bid security shall be a guarantee that the Bidder shall, within seven (7) calendar days after the date of the Notice of Award, enter into a contract with the District for the performance of the services as stipulated in the bid.
8. The successful Bidder shall be required to furnish a 100% Performance Bond and a 100% Payment Bond if it is awarded the contract for the Project.
9. The successful Bidder may substitute securities for any monies withheld by the District to ensure performance under the Contract, in accordance with the provisions of section 22300 of the Public Contract Code.
10. The successful Bidder and its subcontractors shall pay all workers on the Project not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code. Prevailing wage rates are available on the Internet at: <<http://www.dir.ca.gov>>. Bidders and Bidders' subcontractors shall comply with the registration and qualification requirements pursuant to sections 1725.5 and 1771.1 of the California Labor Code.
11. Two Pre-Bid Conferences and Site Walks will be held at the site. One on **December 13, 2023** and the second one on **December 19, 2023**, both Pre-Bid Conferences & Site Walks will be at **9:30 a.m.** at **Meadow Heights Elementary School** located at **2619 Dolores St, San Mateo, CA**. All prospective Bidders are required to sign in at the Administration Building. It is mandatory that the Contractor attend one or the other Pre-Bid Conference and Site Walk. The Pre-Bid and Site Walk is expected to take approximately 1-1.5 hour(s). Failure to sign in and attend or tardiness will render bid ineligible.
12. Contract Documents will be available for review on **December 12th, 2023** at the following Builders' Exchanges:

Bay Area Builders Exchange	(510) 483-8880
Construction Bid board	(800) 479-5314
Dodge Data & Analytics	(877) 784-9556

Contract Documents will be available for a **non-refundable fee on December 12th, 2023** at ARC Northern California:

ARC – San Carlos
829 Cherry Lane
San Carlos, CA 94070
Contact: Scott Barley

Tel: 650.631.2310

Email: sancarlos@e-arc.com

The bidder is responsible for all printing, shipping and handling fees for hard copies of the drawings.
The District will pay for viewing and/or downloading the electronic/soft copy version of the drawings.

13. The District's Board has found and determined that the following item(s) shall be used on this Project based on the purpose(s) indicated. (Public Contract Code section 3400(c).) A particular material, product, thing, or service is designated by specific brand or trade name for the following purpose(s):

I. Add Single Source Items:

- Door Hardware (Schlage)
- 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 and York) (Heat pump System- Samsung)

14. The District's Board reserves the right to reject any and all bids and/or waive any irregularity in any bid received. If the District awards the Contract, the security of unsuccessful bidder(s) shall be returned within sixty (60) days from the time the award is made. Unless otherwise required by law, no bidder may withdraw its bid for ninety (90) days after the date of the bid opening.

15. The District shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on: **Total Base Bid amount only**

16. Bid Period questions about this project are to be submitted in writing to the architect:
Sheree.Tung@lionakis.com and cc: msherrill@smfc.k12.ca.us & mronzani@smfcsd.net

END OF
DOCUMENT

DOCUMENT 00 21 13

INSTRUCTIONS TO BIDDERS

Bidders shall follow the instructions in this document, and shall submit all documents, forms, and information required for consideration of a Bid.

San Mateo-Foster City School District ("District") will evaluate information submitted by the apparent low Bidder and, if incomplete or unsatisfactory to District, Bidder's bid may be rejected at the sole discretion of District.

1. **Project.** Bids are requested for a general construction contract, or work described in general, for the following project:

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract")

2. The Bidder is required to have been prequalified by the District. In addition, if the Project has electrical, mechanical, or plumbing components that will be performed by subcontractors performing under the following license classification(s), then each of those subcontractors that intend to bid as a first-tier subcontractor to a general contractor (prime contractor) are required to have been prequalified by the District: C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46.
3. **Submittal of Bids.** District will receive sealed Bids from Bidders as indicated in the Invitation to Bid and each Bidder shall ensure that its Bid contains all documents as required herein and is submitted by date and time shown in the Invitation to Bid.
 - a. Contractors must ensure the District receives its bid, sealed and marked with name and address of the Bidder, the Project name and number, the bid number and bid package (if applicable), and the date for opening bids.
4. **Bid Opening.** Bids will be opened at or after the time indicated for receipt of bids.
5. **Complete Bids.** Bidders must supply all information required by each Bid Document. Bids must be full and complete. District reserves the right in its sole discretion to reject any Bid as non-responsive as a result of any error or omission in the Bid. Each Bidder must complete and submit all of the following documents as its Bid:
 - Bid Form
 - Bid Bond or other security
 - Designated Subcontractors List
 - Noncollusion Declaration
 - Iran Contracting Act Certification
 - a. **Bid Form.** Bidders must submit Bids on the Bid Form and all other required District forms. Bids not submitted on the District's required forms shall be deemed non-responsive and shall not be considered. Additional sheets required to fully respond to requested information are permissible. Bidders shall not modify the Bid Form or qualify their Bids. Bidders shall not submit scanned, re-typed, word-processed, or otherwise recreated versions of the Bid Form or other District-provided documents.
 - b. **Bid Bond or Other Security.** Bidders must submit their Bid Form with cash, a cashier's check or a certified check payable to District, or a bid bond by an admitted surety insurer of not less than ten percent (10%) of their base Bid amount, including all additive alternates. Required form of corporate surety, Bid Bond, is provided by District and must be used and fully completed by Bidders choosing to provide a Bid Bond as security. The Surety on Bidders' Bid Bond must be an insurer admitted in the State of California and authorized to issue surety bonds in the State of California. Bids submitted without necessary bid security

will be deemed non-responsive and will not be considered.

- c. **Designated Subcontractors List.** Bidders must submit with the Bid the Designated Subcontractors List for those subcontractors who will perform any portion of Work, including labor, rendering of service, or specially fabricating and installing a portion of the Work or improvement according to detailed drawings contained in the plans and specifications, in excess of one half of one percent (0.5%) of the Bidder's total Bid. Failure to fully complete and submit this list when required by law shall result in Bid being deemed non-responsive and the Bid will not be considered.
 - d. **Noncollusion Declaration.** Bidders shall submit the Noncollusion Declaration with their Bids. Bids submitted without the Noncollusion Declaration shall be deemed non-responsive and will not be considered.
 - e. **Iran Contracting Act Certification.** Bidders shall submit the Iran Contracting Act Certification with their Bids. Bids submitted without the Iran Contracting Act Certification shall be deemed non-responsive and will not be considered.
6. **Erasures.** Bids shall be clearly written without erasure or deletions. District reserves the right to reject any Bid containing erasures or deletions.
7. **Prevailing Wages.** Pursuant to sections 1770 et seq. of the California Labor Code, Bidder and all Subcontractors under the Bid shall pay all workers on all work performed pursuant to the Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the State of California Department of Industrial Relations (DIR) for the type of work performed and the locality in which the work is to be performed within the boundaries of the District. Copies of the general prevailing rates of per diem wages for each craft, classification, or type of worker needed to execute the Contract, as determined by the DIR are on file with the District and are available to any interested party on request or at www.dir.ca.gov/oprl/statistics_and_databases.html.
8. **Contractor Registration.** Bidder shall ensure that it and its Subcontractors comply with the registration and compliance monitoring provisions of Labor Code section 1771.4, including furnishing its CPRs to the Labor Commissioner, and are registered pursuant to Labor Code section 1725.5. Bidder and its subcontractors shall comply with Labor Code section 1725.5 to be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of the Contract.
9. **DVBE.** Section 17076.11 of the Education Code requires school districts using funds allocated pursuant to the State of California School Facility Program for the construction and/or modernization of school building(s) to have a participation goal for disabled veteran business enterprises ("DVBE") of at least three percent (3%) per year of the overall dollar amount expended on projects that receive state funding. For any project that is at least partially state-funded, the low Bidder must submit certification of compliance with the procedures for implementation of DVBE contracting goals with its signed Agreement. DVBE Certification Participation Forms are attached. Bidders should not submit these forms with their Bids.
10. **Bidder Diligence.** Submission of Bid signifies careful examination of the Contract Documents and a complete understanding of the nature, extent, and location of Work to be performed. Bidders must complete the tasks listed below as a condition to bidding, and submission of Bid shall constitute the Bidder's express representation to District that Bidder has fully completed the following:
- a. Bidder has visited the Project Site, if required, and has examined thoroughly and understood the nature and extent of the Contract Documents, Work, Site, locality, actual conditions, as-built conditions, and all local conditions and federal, state and local laws, and regulations that in any manner may affect cost, progress, performance, or furnishing of Work or that relate to any aspect of the means, methods, techniques, sequences, or procedures of construction to be employed by Bidder and safety precautions and programs incident thereto;

- b. Bidder has conducted or obtained and has understood all examinations, investigations, explorations, tests, reports, and studies that pertain to the subsurface conditions, as-built conditions, underground facilities, and all other physical conditions at or contiguous to the Site or otherwise that may affect the cost, progress, performance, or furnishing of Work, as Bidder considers necessary for the performance or furnishing of Work at the Contract Price, within the Contract Time, and in accordance with the other terms and conditions of Contract Documents, including specifically the provisions of the General Conditions. Bidder has notified the District if it contends that it requires additional examinations, investigations, explorations, tests, reports, studies, or similar information or data prior to submitting its bid;
- c. Bidder has correlated its knowledge and the results of all observations, examinations, investigations, explorations, tests, reports, and studies with the terms and conditions of the Contract Documents;
- d. Bidder has given the District prompt written notice of all conflicts, errors, ambiguities, or discrepancies that it has discovered in or among the Contract Documents and the actual conditions, and the written resolution thereof by the District is acceptable to Bidder;
- e. Bidder has made a complete disclosure in writing to the District of all facts bearing upon any possible interest, direct or indirect, that Bidder believes any representative of the District or other officer or employee of the District presently has or will have in this Contract or in the performance thereof or in any portion of the profits thereof;
- f. Bidder must, prior to bidding, perform the work, investigations, research, and analysis required by the Instructions to Bidders and that Bidder represented in its Bid Form and the Agreement that it performed prior to bidding. Bidder is charged with all information and knowledge that a reasonable bidder would ascertain from having performed this required work, investigation, research, and analysis. Bid prices must include entire cost of all work "incidental" to completion of the Work.
- g. **Conditions Shown on the Contract Documents:** Information as to underground conditions, as-built conditions, or other conditions or obstructions, indicated in the Contract Documents, e.g., on Drawings or in Specifications, has been obtained with reasonable care, and has been recorded in good faith. However, District only warrants, and Bidder may only rely, on the accuracy of limited types of information.
 - (1) As to above-ground conditions or as-built conditions shown or indicated in the Contract Documents, there is no warranty, express or implied, or any representation express or implied, that this information is correctly shown or indicated. This information is verifiable by independent investigation and Bidder is required to make that verification as a condition to bidding. In submitting its Bid, Bidder shall rely on the results of its own independent investigation. In submitting its Bid, Bidder shall not rely on District-supplied information regarding above-ground conditions or as-built conditions.
 - (2) As to any subsurface condition shown or indicated in the Contract Documents, Bidder may rely only upon the general accuracy of actual reported depths, actual reported character of materials, actual reported soil types, actual reported water conditions, or actual obstructions shown or indicated. District is not responsible for the completeness of this information for bidding or construction; nor is District responsible in any way for any conclusions or opinions of Bidder drawn from that information; nor is District responsible for subsurface conditions that are not specifically shown if those subsurface conditions are reasonably determinable by above-ground conditions and observation or as-built conditions (e.g., subsurface soil conditions in areas contiguous to areas where an above-ground condition is shown; utility pipes between a manhole and a water source, etc.).
- h. **Conditions Shown in Reports and Drawings Supplied for Informational Purposes:** Reference is made to

the document entitled Existing Information and Documentation Regarding Project Site, for identification of:

- (1) Subsurface Conditions: Those reports of explorations and tests of subsurface conditions at or contiguous to the Project Site that have been utilized by Architect in preparing the Contract Documents; and
 - (2) Physical Conditions: Those drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Project Site that has been utilized by Architect in preparing the Contract Documents.
 - (3) These reports and drawings are **not** Contract Documents and, except for any “technical” data regarding subsurface conditions specifically identified in Existing Information and Documentation Regarding Project Site, and underground facilities data, Bidder may not in any manner rely on the information in these reports and drawings.
11. **As-Builts.** Bidders may examine any available “as-built” drawings of previous work by giving District reasonable advance notice. District will not be responsible for accuracy of “as-built” drawings. The document entitled Existing Information and Documentation Regarding Project Site applies to all supplied “as-built” drawings.
 12. **Questions.** All questions about the meaning or intent of the Contract Documents are to be directed in writing to the District. Interpretations or clarifications considered necessary by the District in response to those questions will be issued in writing by Addenda faxed, mailed, or delivered to all parties recorded by the District as having received the Contract Documents. Questions received less than **SEVEN (7)** calendar days prior to the date for opening Bids may not be answered. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.
 13. **Addenda.** Addenda may also be issued to modify parts of the Contract Documents as deemed advisable by the District. Bidder must acknowledge each Addendum in its Bid Form by number or its Bid may be considered non-responsive. Each Addenda shall be part of the Contract Documents. A complete listing of Addenda may be obtained from the District.
 14. **Substitution for Specified Items.** Bids shall be based on products and systems specified in the Contract Documents or listed by name in Addenda. All requests must comply with the requirements specified in the General Conditions, the Specifications and the following:
 - a. **Request for Substitution Prior to Bid.**
 - (1) District must receive any request for substitution a minimum of **FOURTEEN (14)** calendar days prior to the date of bid opening.
 - (2) **Information with Request.** Requests for substitutions shall contain sufficient information to assess acceptability of the product or system and impact to Project, including, without limitation, the requirements specified in the General Conditions and the Specifications. Insufficient information shall be grounds for rejection of substitution.
 - (3) The District’s denial of a substitution request prior to the date of bid opening shall be conclusive, requiring Bidders to list only approved items. The District is not responsible and/or liable in any way for a Bidder’s damages and/or claims related, in any way, to that Bidder’s basing its bid on any requested substitution that the District has not approved. Bidder’s Bid shall be deemed non-responsive if it identifies a product or manufacturer of a non-approved substitution.
 - (4) Approved substitutions shall be listed in Addenda.

- (5) District reserves the right not to act upon submittals of substitutions until after the date of bid opening. If the District does not act on a substitution request prior to the date of bid opening, Bidders must bid based on products and systems specified in Contract Documents or listed by name in Addenda.
- b. **Request for Substitution after Bid Award.** Substitutions may be requested after the Contract has been awarded only if indicated in and in accordance with requirements specified in the General Conditions, as may be modified in the Special Conditions.
15. **Alternates.** The Contract may include alternates. Alternates are defined as alternate products, materials, equipment, systems, methods, or major elements of the construction, that may, at the District's option and under terms established in the Contract and pursuant to section 20103.8 of the Public Contract Code, be selected for the Work. The District shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on the criteria as indicated in the Invitation to Bid.
16. **Notice of Award.** The Bidder awarded the Contract shall execute and submit the following documents by 5:00 p.m. of the **SEVENTH (7TH)** calendar day following the date of the Notice of Award. Failure to properly and timely submit these documents entitles District to, among other remedies, make a claim against Bidder's Bid Bond or deposit Bidder's cash, cashier's check, or certified check. The proceeds thereof may be retained by District as liquidated damages, in District's sole discretion.
- a. Agreement: To be executed by successful Bidder. Submit four (4) copies, each bearing an original signature.
 - b. Escrow of Bid Documentation: This must include all required documentation. See the document Escrow of Bid Documentation for more information.
 - c. Performance Bond (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
 - d. Payment Bond (100%) (Contractor's Labor and Material Bond): On the form provided in the Contract Documents and fully executed as indicated on the form.
 - e. Insurance Certificates and Endorsements as required.
 - f. Certifications to be Completed by Contractor
 - g. Disabled Veterans' Business Enterprise Participation Certification.
 - h. Criminal Background Investigation/Fingerprinting Certification.
 - i. Tobacco-Free Environment Certification.
 - j. Hazardous Materials Certification.
 - k. Lead-Based Material Certification.
17. **Notice to Proceed.** District may issue a Notice to Proceed within **THREE (3)** months from the date of the Notice of Award. Upon receipt of the Notice to Proceed, Contractor shall complete the Work within the period of time indicated in the Contract Documents. It is further expressly understood by Contractor that Contractor shall not be entitled to any claim of additional compensation or additional time when the Notice to Proceed is issued within the 3-month period.

- a. The District may postpone issuing the Notice to Proceed beyond the 3-month period, upon reasonable notice to Contractor.
 - b. If the Contractor believes that a postponement of issuance of the Notice to Proceed will cause a hardship to Contractor, the Contractor may, by written notice to District within **SEVEN (7)** calendar days after receipt by Contractor of District's notice of postponement, take one of the following actions:
 - (1) **Agree with the postponement.** This would be at no additional cost to the District.
 - (2) **Terminate the Contract.** District shall only be obligated to pay Contractor for any Work that Contractor had performed at the time of notification of postponement and that the District had in writing authorized Contractor to perform, if any, prior to issuing a Notice to Proceed.
 - (3) **Request additional compensation.** Contractor must submit detailed documentation demonstrating the need for that additional compensation, compared to the calculations and amounts that Contractor used to prepare its bid. If the Parties do not agree on an amount for the requested additional compensation, the Contractor can agree to the postponement without any additional compensation, or either Party may terminate the Contract.
 - c. If the Contract is terminated as a result of a notice of postponement, District shall have the authority to award the Contract to the next lowest responsive responsible Bidder.
18. **Bid Protests.** Any bid protest by any Bidder regarding any other bid on this Project must be submitted in writing to the District, before 5:00 p.m. of the **THIRD (3rd)** Business Day following the date of bid opening.
- a. The protest must contain a complete statement of any and all bases for the protest.
 - b. The protest must refer to the specific portions of all documents that form the bases for the protest, including the specific portion(s) of the bid(s) that the Bidder is protesting.
 - c. The protest must include the name, address and telephone number of the person representing the protesting party.
 - d. The party filing the protest must concurrently transmit a copy of the protest and any attached documentation to all other parties with a direct financial interest that may be adversely affected by the outcome of the protest, which must include all other Bidders or proposers who appear to have a reasonable prospect of receiving an award depending upon the outcome of the protest.
 - e. The procedure and time limits set forth in this paragraph are mandatory and are each Bidder's sole and exclusive remedy in the event of bid protest. Failure to comply with these procedures shall constitute a waiver of any right to further pursue the bid protest, including filing a Government Code Claim or legal proceedings.
19. **Rejection of Bids.** District reserves the right to reject any or all bids, including without limitation the right to reject any or all nonconforming, non-responsive, unbalanced, or conditional bids, to re-bid, and to reject the bid of any Bidder if District believes that it would not be in the best interest of the District to make an award to that Bidder, whether because the bid is not responsive or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by District. District also reserves the right to waive inconsequential deviations not involving price, time, or changes in the Work. For purposes of this paragraph, an "unbalanced bid" is one having nominal prices for work item(s) that represent substantive work and/or overly-enhanced prices for nominal work item(s).
20. **Bidder's Representative's Authority.** Each bid must be executed by an authorized representative of the Bidder. Bidders may be asked to provide documentation of that authority (e.g., an authenticated resolution of

its Board of Directors, a power of attorney evidencing the capacity of the person signing the Bid Form to bind the Bidder to its bid, etc.).

21. **Bidder Responsibility.** Prior to the award of Contract, District reserves the right to consider the responsibility of the Bidder. District may conduct investigations as District deems necessary to assist in the evaluation of any bid and to establish the responsibility, including, without limitation, qualifications and financial ability of Bidders, proposed subcontractors, suppliers, and other persons and organizations to perform and furnish the Work in accordance with the Contract Documents to District's satisfaction within the Contract Time.

END OF DOCUMENT

EXISTING INFORMATION AND DOCUMENTATION REGARDING PROJECT SITE

1. Summary

This document describes existing conditions at or near the Project and use of information available regarding existing conditions. This document is not part of the Contract Documents. See General Conditions for definition(s) of terms used herein. Contractor is required to request from the District a copy of any reports that it believes are necessary to perform Contractor's Work in a safe, efficient and workman-like manner.

2. Reports and Information on Existing Conditions

- a. Documents providing a general description of the Site and conditions of the Work may have been collected by District, its consultants, contractors, and tenants. These documents may include previous contracts, contract specifications, tenant improvement contracts, as-built drawings, utility drawings, and information regarding underground facilities.
- b. Information regarding existing conditions may be inspected at the District offices or the Construction Manager's offices, if any, and copies may be obtained at cost of reproduction and handling upon Bidder's agreement to pay for such copies. These reports, documents, and other information are not part of the Contract Documents.
- c. Information regarding existing conditions may also be included in the Project Manual, but shall not be considered part of the Contract Documents.
- d. The reports and other data or information regarding existing conditions and underground facilities at or contiguous to the Project are the following:

- (1) **Geotechnical Data.** Geotechnical data at or near the Project that is in the District's possession available for Contractor's review.

- (A) **Geotechnical Reports.** Geotechnical reports that may have been prepared for and around the Site by soil investigation engineers hired by the District and its consultants, contractors, and tenants. Geotechnical reports may be inspected at the District offices or the Construction Manager's offices, if any, and copies may be obtained at cost of reproduction and handling upon Bidder's agreement to pay for such copies. These reports are not part of the Contract Documents. The reports and drawings of physical conditions that may relate to the Project are the following:

- (2) **Soils Investigation Report**
- (3) **Mitigation Monitoring Plan from CEQA document**
- (4) **Original Construction Drawings**
- (5) **Survey of Site**
- (6) **Project site:**

Title: _____
Date: _____
Author: _____
Availability: _____

_____, CA, _____

- (7) [Other] Report
(8) [Other] Report

3. Use of Information

- a. Information regarding existing conditions was obtained only for use of District and its consultants, contractors, and tenants for planning and design and is not part of the Contract Documents.
- b. District does not warrant, and makes no representation regarding, the accuracy or thoroughness of any information regarding existing conditions. Bidder represents and agrees that in submitting a bid it is not relying on any information regarding existing conditions supplied by District.
- c. Under no circumstances shall District be deemed to warrant or represent existing above-ground conditions, as-built conditions, or other actual conditions, verifiable by independent investigation. These conditions are verifiable by Contractor by the performance of its own independent investigation that Contractor must perform as a condition to bidding, and Contractor should not and shall not rely on this information or any other information supplied by District regarding existing conditions.
- d. Any information shown or indicated in the reports and other data supplied herein with respect to existing underground facilities at or contiguous to the Project may be based upon information and data furnished to District by the District's employees and/or consultants or builders of such underground facilities or others. District does not assume responsibility for the completeness of this information, and Bidder is solely responsible for any interpretation or conclusion drawn from this information.
- e. District shall be responsible only for the general accuracy of information regarding underground facilities, and only for those underground facilities that are owned by District, and only where Bidder has conducted the independent investigation required of it pursuant to the Instructions to Bidders, and discrepancies are not apparent.

4. Limited Reliance on Certain Information

- a. Reference is made herein for identification of:
 - (1) Reports of explorations and tests of subsurface conditions at or contiguous to the Site that have been utilized by District in preparation of the Contract Documents.
 - (2) Drawings of physical conditions in or relating to existing subsurface structures (except underground facilities) that are at or contiguous to the Site and have been utilized by District in preparation of the Contract Documents.
- b. Bidder may rely upon the general accuracy of the "technical data" contained in the reports and drawings identified above, but only insofar as it relates to subsurface conditions, provided Bidder has conducted the independent investigation required pursuant to Instructions to Bidders, and discrepancies are not apparent. The term "technical data" in the referenced reports and drawings shall be limited as follows:
 - (1) The term "technical data" shall include actual reported depths, reported quantities, reported soil types, reported soil conditions, and reported material, equipment or structures that were encountered during subsurface exploration. The term "technical data" does not include, and Bidder may not rely upon, any other data, interpretations, opinions or information shown or indicated in

such drawings or reports that otherwise relate to subsurface conditions or described structures.

- (2) The term "technical data" shall not include the location of underground facilities.
- (3) Bidder may not rely on the completeness of reports and drawings for the purposes of bidding or construction. Bidder may rely upon the general accuracy of the "technical data" contained in such reports or drawings.
- (4) Bidder is solely responsible for any interpretation or conclusion drawn from any "technical data" or any other data, interpretations, opinions, or information provided in the identified reports and drawings.

5. Investigations/Site Examinations

- a. Before submitting a Bid, each Bidder is responsible for conducting or obtaining any additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and underground facilities) at or contiguous to the Site or otherwise, that may affect cost, progress, performance, or furnishing of Work or that relate to any aspect of the means, methods, techniques, sequences, or procedures of construction to be employed by Bidder and safety precautions and programs incident thereto or that Bidder deems necessary to determine its Bid for performing and furnishing the Work in accordance with the time, price, and other terms and conditions of Contract Documents.
- b. On request, District will provide each Bidder access to the Site to conduct such examinations, investigations, explorations, tests, and studies, as each Bidder deems necessary for submission of a Bid. Bidders must fill all holes and clean up and restore the Site to its former condition upon completion of its explorations, investigations, tests, and studies. Such investigations and Site examinations may be performed during any and all Site visits indicated in the Invitation to Bid and only under the provisions of the Contract Documents, including, but not limited to, proof of insurance and obligation to indemnify against claims arising from such work, and District's prior approval.

END OF DOCUMENT

DOCUMENT 00 41 13

BID FORM

To: Governing Board of **San Mateo-Foster City School District** ("District")

From: _____
(Proper Name of Bidder)

1. **Total Bid.** The undersigned declares that the Contract Documents including, without limitation, the Invitation to Bid, the Instructions to Bidders, and the Special Conditions have been read, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications for the following project:

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract")

and will accept in full payment for that Work the following total lump sum amount, all taxes included:

TOTAL BASE BID

**NOTE: IF THERE ARE ALLOWANCES IDENTIFIED IN THIS BID FORM, DO \$ _____ Dollars
NOT INCLUDE ANY ALLOWANCE(S) AMOUNTS IN THESE BID
AMOUNTS.**

2. **Additive/Deductive Alternates:**

Alternate #1

N/A Additive/Deductive: \$ _____ Dollars

Alternate #2

N/A Additive/Deductive: \$ _____ Dollars

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

3. **Unit Price(s).** The Bidder's Base Bid includes the following unit price(s), which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders:
4. **Allowance(s).** The Bidder's Base Bid shall **NOT** include the following potential Allowance(s). The District will add some or all of the following Allowance(s) amount(s) to the successful bidder's Contract, at the District's discretion. Contractor shall be permitted to invoice for Work under an Allowance in the identical structure as a Change Order.

Lime Treatment Allowance:	\$150,000.00
_____ Allowance: Allowance to _____	\$ _____ or "TBD"

5. **Contract Review.** The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this bid, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its bid, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.
6. **Requests for Clarification.** The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.
7. **Contract Time.** The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.
8. **Contractual Provisions.** The undersigned hereby acknowledges and agrees to be bound by following provisions and all provisions in the Contract Documents:
 - The liquidated damages clause of the General Conditions and Agreement.
 - The "Changes in the Work" provisions in the General Conditions that limit the permitted charges and mark-ups on change orders and on the amount of home office overhead that the successful bidder can receive from the District.
 - The "Claims" provisions in the General Conditions that delineate the required process to submit and process disputes and claims.
 - The "COVID-19" provisions in the Contract Documents related to the Contractor's staffing requirements and its compliance with all applicable and existing federal, state, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety in connection with COVID-19, and/or any similar virus or derivative strain.
9. **Bid Open for 90 Days.** It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.
10. **Attachments.** The following documents are attached hereto:
 - The Bid Bond on the District's form or other security
 - The Designated Subcontractors List
 - The Noncollusion Declaration
 - Iran Contracting Act Certification
11. **Addenda Acknowledgement.** Receipt and acceptance of the following addenda is hereby acknowledged:

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____

No. _____, Dated _____	No. _____, Dated _____
No. _____, Dated _____	No. _____, Dated _____
<input type="checkbox"/> Or check here if no addenda were issued.	

12. **Bidder's License.** Bidder acknowledges that the license required for performance of the Work is as stated in the Invitation to Bid. Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.
13. **Labor Harmony.** The undersigned hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.
14. **DIR Registration.** Bidder shall ensure that it and its Subcontractors comply with the registration and compliance monitoring provisions of Labor Code section 1771.4, including furnishing its CPRs to the Labor Commissioner, and are registered pursuant to Labor Code section 1725.5.
15. **Prequalification.** The Bidder confirms that it has been prequalified by the District. In addition, the Bidder confirms that, if the Project has electrical, mechanical, or plumbing components that will be performed by first-tier subcontractor with the following license classifications, then those subcontractors have also been prequalified by the District: C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46.
16. **SWPPP QSP.** Bidder specifically acknowledges and understands that if it is awarded the Contract, it shall perform the Work of the Project related to being the District's Qualified SWPPP (Storm Water Pollution Prevention Plan) Practitioner ("QSP") and that the Bidder is certified to be the District's QSP, as required by the current California State Water Board's Construction General Permit.
17. **General Acknowledgement.** The Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.
18. **False Claims Act.** Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this _____ day of _____ 20 _____

Signature _____

Signed by (Print Name) _____

Title of Person Signing _____

Name of Bidder _____

Type of Organization _____

Address of Bidder _____

Taxpayer's Identification No. of Bidder _____

Telephone Number _____

Fax Number _____

E-mail _____ Web page _____

Bidder's DIR Registration No.: No.: _____

Contractor's License No(s): No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

If Bidder is a corporation, provide the following:

Name of Corporation: _____

President: _____

Secretary: _____

Treasurer: _____

END OF DOCUMENT

DOCUMENT 00 43 13

BID BOND (SECURITY)

(Note: If Bidder is providing a bid bond as its bid security,
Bidder must use this form, NOT a surety company form.)

The undersigned, _____ as Principal ("Principal");

and _____ as Surety ("Surety"; a corporation
organized and existing under and by virtue of the laws of the State of _____ and
authorized to do business as a surety in the State of California) are held and firmly bound unto the

San Mateo-Foster City School District ("District") as Oblige, in the sum of \$ _____
Dollars, lawful money of the United States, for the payment to the District will and truly to be made pursuant to
the provisions herein. Principal and Surety each of us, bind ourselves, our heirs, executors, administrators,
successors, and assigns, jointly and severally.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted a bid to the District for all
Work specifically described in the accompanying bid and if the District awards the contract to the Principal and,
within the time and manner required under the Contract Documents, after the prescribed forms are presented to
Principal for signature, the Principal enters into a written contract, in the prescribed form in accordance with the
bid, and files two bonds (one guaranteeing faithful performance and the other guaranteeing payment for labor and
materials as required by law), and meets all other conditions to the contract between the Principal and the Oblige
becoming effective, or if the Principal shall fully reimburse and save harmless the Oblige from any damage
sustained by the Oblige through failure of the Principal to enter into the written contract and to file the required
performance and labor and material bonds, and to meet all other conditions to the Contract between the Principal
and the Oblige becoming effective, then this obligation shall be null and void; otherwise, it shall be and remain in
full force and effect and the Surety shall immediately issue full payment of the sum stated above to the Oblige
upon notification from the Oblige that the Principal has not taken all steps to nullify or void this obligation.

Surety agrees that no change, extension of time, alteration or addition to the terms of the call for bids, or to the
work to be performed thereunder, or the specifications accompanying the same, shall in any way affect its
obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or
addition to the call for bids, or to the work, or to the specifications.

In the event suit is brought upon this bond by the Oblige and judgment is recovered, the Surety shall pay all costs
incurred by the Oblige in that suit, including a reasonable attorneys' fee to be fixed by the Court.

If the District awards the bid, the security of unsuccessful bidder(s) shall be returned within sixty (60) days from
the time the award is made. Unless otherwise required by law, no bidder may withdraw its bid for ninety (90) days
after the date of the bid opening.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on

_____, 20____.

Principal

By

Surety

By _____

Name of California Agent of Surety

Address of California Agent of Surety

Telephone Number of California Agent of Surety

Bidder must attach Power of Attorney and Certificate of Authority for Surety and a Notarial Acknowledgment for all Surety's signatures. The California Department of Insurance must authorize the Surety to be an admitted Surety Insurer.

END OF DOCUMENT

DOCUMENT 00 43 36

DESIGNATED SUBCONTRACTORS LIST

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract")

1. **Listed.** Bidder must list hereinafter the name and location of each subcontractor who will be employed, and the scope of Work that each will perform if the Contract is awarded to the Bidder. Bidder acknowledges and agrees that under Public Contract Code section 4100, et seq., it must clearly identify the name and location of each subcontractor who will perform work or labor or render service to the Bidder in or about the construction of the Work in an amount in excess of one-half of one percent (1/2 of 1%) of Bidder's total Bid.
2. **CSLB Number.** Bidder must provide the Contactor State License Board number ("CSLB No.") for all listed subcontractors.
3. **DIR Number.** Bidder must provide the Department of Industrial Relations registration number ("DIR No.") for all listed subcontractors.
4. **Same Scope.** If more than one subcontractor is named for the same scope of Work, state with specificity the particular scope or portion that each subcontractor will perform.
5. **No Vendors or Suppliers.** Bidder need not list entities that are only vendors or suppliers of materials.
6. **Not Listed.** As to any Work that Bidder fails to list that is in excess of one-half of one percent (1/2 of 1%) of Bidder's total Bid, Bidder agrees that it is qualified to perform that scope of Work and will perform that scope of Work, or be subjected to penalty under applicable law.
7. **Alternate Work.** If alternate bids are called for and Bidder intends to use Subcontractors different from or in addition to those Subcontractors listed for work under the base Bid, Bidder must list Subcontractors that will perform Work in an amount in excess of one half of one percent (1/2 of 1%) of Bidder's total Bid, including alternates.
8. **Prequalification.** If the Project has electrical, mechanical, or plumbing components that will be performed by subcontractors performing under the following license classification(s), then each of those subcontractors must also have been prequalified by the District: C-4, C-7, C-10, C-16, C-20, C-34, C-36, C-38, C-42, C-43, and/or C-46.
9. **DVBEs.** Bidder must indicate which, if any, of its subcontractors are disabled veteran business enterprises (DVBE) and the estimated percentage of the Work those subcontractor(s) will perform.
10. **Bidders may correct inadvertent error(s) in listing subcontractors' CSLB Nos. or DIR Nos. within twenty-four (24) hours after bid opening.**
11. **Additional Sheets.** If further space is required for the list of proposed subcontractors, additional sheets showing the required information, as indicated below, shall be attached hereto and made a part of this document and submitted with this form.

I certify and declare under penalty of perjury under the laws of the State of California that all the information listed on the following page(s) is complete, true, and correct.

Date: _____

Proper Name of Bidder: _____

Signature: _____

Print Name: _____

Title: _____

Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:

Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:

Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:
Subcontractor Name	Portion of Work (Scope)	Location of Business	CSLB No.:
			DIR No.:
			If DVBE, % of Work:

END OF DOCUMENT

DOCUMENT 00 43 40

NONCOLLUSION DECLARATION

Public Contract Code § 7106

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the _____ [PRINT YOUR TITLE]

of _____ [PRINT FIRM NAME],

the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid. The bidder has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on the following date:

Date: _____

Proper Name of Bidder: _____

City, State: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

DOCUMENT 00 43 50

IRAN CONTRACTING ACT CERTIFICATION (Public Contract Code § 2204)

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract")

Pursuant to Public Contract Code (PCC) section 2204, an Iran Contracting Act certification is required for solicitations of goods or services of one million dollars (\$1,000,000) or more.

Bidder shall complete **ONLY ONE** of the following three paragraphs.

☐

1. Bidder's Total Base Bid is less than one million dollars (\$1,000,000).

OR

☐

2. Bidder's Total Base Bid is one million dollars (\$1,000,000) or more, but Bidder is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code § 2203(b), and Bidder is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

OR

☐

3. Bidder's Total Base Bid is one million dollars (\$1,000,000) or more, but the District has given prior written permission to Bidder to submit a proposal pursuant to PCC 2203(c) or (d). **A copy of the written permission from the District is included with Bid.**

I certify that I am duly authorized to legally bind the Bidder to this certification, that the contents of this certification are true, and that this certification is made under the laws of the State of California.

Date:

Proper Name of Bidder:

Signature:

Print Name:

Title:

END OF DOCUMENT

DOCUMENT 00 45 00

NOTICE OF AWARD

Dated: _____, 20__

To: _____
("Contractor")

(Address)

From: Governing Board ("Board") of **San Mateo-Foster City School District** ("District")

Re: **Meadow Heights Elementary School New MPR Building, Project #20-185** ("Project" or "Contract")

Contractor was awarded the Contract on _____, 20__, by action of the superintendent or superintendent's designee pursuant to a delegation of authority by the District's Board.

The Contract Price is \$ _____ **Dollars** and includes alternates

Three (3) copies of each of the Contract Documents (except Drawings) accompany the Notice of Award. Three (3) sets of the Drawings will be delivered separately or otherwise made available. Additional copies are available at cost of reproduction.

Contractor must comply with the following conditions precedent within **SEVEN (7)** calendar days of the date of this Notice of Award.

Contractor shall execute and submit the following Contract Documents by 5:00 p.m. of the **SEVENTH (7TH)** calendar day following the date of the Notice of Award. Failure to properly and timely submit the following Contract Documents entitles District to foreclose on Contractor's bid bond and award the contract to the next responsive, responsible bidder.

- a. Agreement: Submit four (4) copies, each bearing an original signature. **If Contractor is a corporation, Contractor must attach a certified copy of the corporation's by-laws, or the resolution of the Board of Directors of the corporation, authorizing the signatory to execute the Agreement and the bonds required by the Contract Documents.**
- b. Escrow of Bid Documentation: Include all required documentation. Refer to the Escrow of Bid Documentation document for details.
- c. Performance Bond (100%): Fully executed form provided in the Contract Documents.
- d. Payment Bond (100%) (Contractor's Labor and Material Bond): Fully executed form provided in the Contract Documents.
- e. Insurance Certificates and Endorsements as required.
- f. Certifications to be Completed by Contractor
- g. Disabled Veterans' Business Enterprise Participation Certification.
- h. Criminal Background Investigation/Fingerprinting Certification.

Failure to comply with these conditions within the time specified will entitle District to consider Contractor's bid abandoned, to annul the Notice of Award, and to declare Contractor's Bid Security forfeited, as well as any other rights the District may have against Contractor.

District will return to Contractor one fully signed counterpart of the Agreement.

SAN MATEO-FOSTER CITY SCHOOL DISTRICT

SIGNATURE: _____

NAME: _____

TITLE: _____

END OF DOCUMENT

DOCUMENT 00 45 10

AGREEMENT

This agreement is made and entered into on _____, 202_____, by and between the **San Mateo-Foster City School District** ("District") and _____ ("Contractor") ("Agreement"). The District and the Contractor agree as follows:

1. **The Work:** Contractor shall furnish all tools, equipment, apparatus, facilities, labor, and material necessary to perform and complete in a good and workmanlike manner, the work of the following project:

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract" or "Work")

The Work shall be performed and completed as required in the Contract Documents as defined in the General Conditions including, without limitation, the Drawings and Specifications, under the direction and supervision of, and subject to, the approval of the District or its authorized representative.

2. The Contract Documents:

- a. The complete Contract consists of all Contract Documents as defined in the General Conditions and incorporated herein by this reference. All obligations of the District and Contractor are fully set forth and described in the Contract Documents. The Contract Documents are intended to cooperate so that Work called for in one and not mentioned in the other or vice versa is to be performed the same as if mentioned in all Contract Documents.
- b. **Interpretation of Contract Documents/Order of Precedence:** Questions concerning the intent, precedence, or meaning of the Contract Documents, including the Drawings or Specifications, shall be submitted to the District for interpretation. Inconsistencies in the Contract Documents shall be resolved by giving precedence in the following order:
 - (i) District-approved modifications (e.g., Change Orders, Force Account Directives, etc.), beginning with the most recent (if any);
 - (ii) Agreement;
 - (iii) Special Conditions (if any);
 - (iv) Supplemental Conditions (if any);
 - (v) General Conditions;
 - (vi) Remaining Division 0 documents (Documents beginning with "00");
 - (vii) Division 1 Documents (Documents beginning with "01");
 - (viii) Division 2 through Division 49 documents (Technical Specifications);
 - (ix) Figured dimensions;
 - (x) Large-scale drawings;
 - (xi) Small-scale drawings.

In case of conflict, the greater quantity and/or higher standard of workmanship shall apply unless the District expressly in writing (e.g., via a Change Order) accepts a lesser quantity or lower quality of workmanship and the Contract Price is adjusted accordingly. The decision of the District in the matter shall be final.

3. **Integration / Modification.** The Contract Documents and any documents specifically incorporated by reference are completely integrated as the complete and exclusive statement of the terms of the Agreement. This Agreement supersedes all previous contracts, agreements, and / or communications, both oral and written, and constitutes the entire understanding of the District and Contractor. No extrinsic evidence

whatsoever shall be admissible or used to explain or supplement the terms of the Contract, Contract Documents, or any items incorporated by reference. No changes, amendments or alterations shall be effective unless in writing, signed by both Parties, and unless provided otherwise by the Contract Documents.

4. **Classification of Contractor's License:** Contractor hereby acknowledges that it currently holds valid Type A, or B Contractor's license(s) issued by the State of California, Contractor's State Licensing Board, in accordance with division 3, chapter 9, of the Business and Professions Code and in the classification called for in the Contract Documents.
 5. **Time for Completion:** It is hereby understood and agreed that the Contractor shall complete the Work within February 19, 2024-July 11, 2024 (508) consecutive calendar days ("**Contract Time**") from the date specified in the District's Notice to Proceed. The District shall not approve an early completion schedule by Contractor. A schedule showing the Work completed in less than the Contract Time indicated in the Contract, shall be considered to have Project Float.
 6. **Completion-Extension of Time:** If Contractor fails to complete the Work within the Contract Time, due allowance being made for the contingencies provided for herein, Contractor shall become liable to District for all loss and damage that District may suffer on account thereof. Contractor shall coordinate its Work with the work of all other contractors. The District shall not be liable for delays resulting from Contractor's failure to coordinate its Work with other contractors in a manner that allows for timely completion of Contractor's Work. Contractor shall be liable for delays to other contractors caused by Contractor's failure to coordinate its Work with the work of other contractors.
 7. **Liquidated Damages:** Time is of the essence for all Work to be performed. It is hereby understood and agreed that it is and will be difficult and/or impossible to ascertain and determine the actual damage that District will sustain in the event of and by reason of Contractor's delay; therefore, pursuant to Government Code section 53069.85 and Public Contract Code section 7203, Contractor shall forfeit and pay to District the following sum(s) as liquidated damages ("**Liquidated Damages**"):
 - **Submittal of Submittal Schedule Item: \$ Five Hundred dollars [\$500.00]** per day as Liquidated Damages for each and every day's delay beyond the time herein prescribed for each item on approved Submittal Schedule.
 - **Project Completion: \$ One Thousand dollars [\$1,000.00]** per day as Liquidated Damages for each and every day's delay beyond the Contract Time to complete all the Work.
- a. Each portion of the Liquidated Damages shall be calculated cumulatively. For example, if Contractor is late in completing two milestones and the entire Project, Contractor will forfeit and pay three separate Liquidated Damages amounts. It is hereby understood and agreed that neither the total cumulative Liquidate Damages amount nor any portion of the Liquidated Damage amount are penalties.
 - b. District may deduct Liquidated Damages from money due or that may become due Contractor under this Agreement. Contractor's forfeiture of Liquidated Damages to District, and District's right to retain Liquidated Damages, are as indicated in Government Code section 53069.85 and as indicated herein and in the General Conditions. Liquidated Damages are automatically and without notice of any kind forfeited and payable by Contractor upon the accrual of each day of delay. Neither District's failure or delay in deducting Liquidated Damages from payments otherwise due the Contractor, nor District's failure or delay in notifying Contractor of the forfeiture and payment of Liquidated Damages, shall be deemed a waiver of District's right to Liquidated Damages and/or the District's right to withhold Liquidated Damages from any amounts that would otherwise be payable to the Contractor.
 - c. Contractor and Surety shall be liable for and pay to District the entire amount of Liquidated Damages

including any portion that exceeds the amount of the Contract Price then held, retained or controlled by District.

- d. Liquidated Damages shall be in addition, and not in lieu of, District's right to charge Contractor for the District's cost of completing or correcting items of the Work.
8. **Contract Price:** In consideration of the foregoing covenants, promises, and agreements, Contractor offers, in the amounts stated below, to perform the Work according to the Contract Documents. District covenants, promises, and agrees that it will pay and cause to be paid to Contractor in full, and as the Contract Price the following amount(s):

\$ _____ Dollars
Base Contract Amount

+ \$ _____ Dollars
Allowance Amount

= \$150,000.00 Dollars
("Contract Price")

- a. THE ABOVE ALLOWANCES ARE WITHIN THE CONTRACT PRICE ONLY TO THE EXTENT CONTRACTOR HAS PERFORMED WORK ENCOMPASSED BY THE ALLOWANCE DESCRIPTION, CONTRACTOR HAS APPROPRIATELY INVOICED FOR THAT WORK, AND DISTRICT HAS APPROVED CONTRACTOR'S INVOICE. CONTRACTOR SHALL INVOICE ONLY FOR COMPONENTS OF THE WORK ENCOMPASSED BY THE ALLOWANCE DESCRIPTION, IN THE IDENTICAL STRUCTURE AS A CHANGE ORDER. THE UNUSED PORTION OF EACH ALLOWANCE SHALL BE RETAINED BY THE DISTRICT.
- b. The Contract Price shall be paid in lawful money of the United States pursuant to the payment provisions in the General Conditions.
- c. The District may, at its sole discretion, increase or decrease the Contract Price by unit prices or alternates contained in Contractor's original bid. If the Bid for the Work included proposal(s) for Alternate Bid Item(s), during Contractor's performance of the Work, the District may elect to add any such Alternate Bid Item(s) if the item did not form a basis for award of the Agreement or delete any such Alternate Bid Item(s) if that item formed a basis for award of the Agreement. If the District elects to add or delete an Alternate Bid Item(s) pursuant to the foregoing, the cost or credit for that Alternate Bid Item(s) shall be as set forth in the Contractor's Bid, at the District's discretion. If any Alternate Bid Item is added or deleted from the Work pursuant to the foregoing, the Contract Time shall be adjusted by the number of days allocated for the added or deleted Alternate Bid Item in the Contract Documents; if days are not allocated for any Alternate Bid Item added or deleted pursuant to the foregoing, the Contract Time shall be equitably adjusted.
9. **Insurance and Bonds:** Contractor shall provide all required certificates of insurance, and payment and performance bonds.
10. **Performance of Work:** If Contractor fails to perform the Work properly or fails to perform any provisions of this Contract, the District, may, pursuant to the General Conditions and without prejudice to any other remedy it may have, cure the deficiencies and deduct the cost thereof from the payment then or thereafter due Contractor.

11. **COVID-19.** Contractor is responsible for complying with all applicable and existing federal, state, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety in connection with COVID-19, and/or any similar virus or derivative strain. Contractor shall ensure it has supervisor employees onsite that are trained and knowledgeable of all of these requirements to ensure full compliance on Project Site(s).
12. **Authority of Architect, Project Inspector, and DSA:** Contractor hereby acknowledges that the Architect(s), the Project Inspector(s), and the Division of the State Architect have authority to approve and/or stop Work if Contractor's Work does not comply with the requirements of the Contract Documents, Title 24 of the California Code of Regulations, and all applicable laws. Contractor shall be liable for any delay caused by its non-compliant Work.
13. **Assignment of Contract:** Neither the Contract, nor any part thereof, nor any moneys due or to become due thereunder, may be assigned by Contractor without the written approval of District, nor without the written consent of the Surety on Contractor's Performance Bond (the "Surety"), unless the Surety has waived in writing its right to notice of assignment.
14. **Payment of Prevailing Wages:** Contractor and all Subcontractors under Contractor shall pay all workers on Work performed pursuant to this Contract not less than the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work as determined by the Director of the Department of Industrial Relations, State of California, for the type of work performed and the locality in which the work is to be performed within the boundaries of the District, pursuant to sections 1770 et seq. of the California Labor Code.
15. **Contractor & Subcontractor Registration:** Contractor shall comply with the registration and compliance monitoring provisions of Labor Code section 1771.4, including complying with any applicable enforcement by the Department of Industrial Relations.
16. **Authority of Contractor's Representatives:** Contractor hereby certifies that the person who executes this Agreement has the authority and power to legally bind the Contractor. Contractor also certifies that each person(s) it employees on the Project at or above the level of project superintendent, has the authority to legally bind the Contractor.
17. **Severability:** If any term, covenant, condition, or provision of the Contract Documents is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remainder of the provisions in the Contract Documents shall remain in full force and effect and shall in no way be affected, impaired, or invalidated thereby.
18. **Notice:** Any notice required by the Agreement shall be in writing, dated and signed by the party giving notice or by a duly authorized representative of that party. Notice shall be served and considered effective if given in one of the following manners and to the following persons and addresses:
 - a. By personal delivery; considered delivered on the day of delivery.
 - b. By overnight delivery service; considered delivered one (1) day after date deposited, as indicated by the delivery service.
 - c. By depositing same in United States mail, enclosed in a sealed envelope; considered delivered three (3) days after date deposited, as indicated by the postmarked date.
 - d. By registered or certified mail with postage prepaid, return receipt requested; considered delivered on the day the notice is signed for.

If to District

| If to Contractor:

San Mateo-Foster City School District
1170 Chess Drive
Foster City, CA 94404
ATTN: Director, Facilities & Construction

@Contractor

_____, CA _____
ATTN: _____

IN WITNESS WHEREOF, accepted and agreed on the date indicated above:

Dated:

Dated:

SAN MATEO-FOSTER CITY SCHOOL DISTRICT

_____ **Contractor**

Signature: _____

Signature: _____

Name: _____

Name: _____

Title: _____

Title: _____

NOTE: If the Contractor is a corporation, Contractor must attach a certified copy of the corporation's by-laws, or of the resolution of the Board of Directors of the corporation, authorizing the above person to execute this Agreement and the bonds required by the Contract Documents.

END OF DOCUMENT

CERTIFICATIONS TO BE COMPLETED BY CONTRACTOR

THE UNDERSIGNED MUST CHECK EACH BOX AND EXECUTE THIS FORM AND HEREBY CERTIFIES TO THE GOVERNING BOARD OF THE DISTRICT THAT:

- The undersigned is a representative of the Contractor,
- The undersigned is familiar with the facts herein certified and acknowledged,
- The undersigned is authorized and qualified to execute this Agreement and these certifications on behalf of Contractor and that by executing this Agreement undersigned is certifying the following items.

☐ **Labor Code Sections 1860-1861 (Workers' Compensation).** In accordance with Labor Code section 3700, every contractor will be required to secure the payment of compensation to his or her employees. I acknowledge and certify under penalty of perjury that I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

☐ **Government Code Sections 8355-8357 (Drug-Free Workplace).** I acknowledge and certify under penalty of perjury that I will provide a drug-free workplace by doing all of the following:

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

I also acknowledge that this Contract may be subject to suspension of payments under the contract or grant or termination of the contract or grant, or both, and the contractor or grantee thereunder may be subject to debarment, in accordance with the requirements of the above-referenced statute, if the contracting or granting agency determines that any of the following has occurred:

- (1) The contractor or grantee has made a false certification under Section 8355.
- (2) The contractor or grantee violates the certification by failing to carry out the requirements of subdivisions (a) to (c), inclusive, of Section 8355.

I also acknowledge that the Department of General Services shall establish and maintain a list of individuals and organizations whose contracts or grants have been canceled due to failure to comply with the above-referenced statute. This list shall be updated monthly and published each month. No state agency shall award a contract or grant to a person or organization on the published list until that person or organization has complied with the above-referenced statute.

☐ **Tobacco-Free Environment.** Pursuant to, without limitation, 20 U.S.C. section 6083, Labor Code section 6400 et seq., Health & Safety Code section 104350 et seq. and District Board Policies, all District sites, including the Project site, are tobacco-free environments. Smoking and the use of tobacco products by all persons is prohibited on or in District property. District property includes school buildings, school grounds, school owned vehicles and vehicles owned by others while on District property.

I acknowledge and certify under penalty of perjury that I am aware of the District's policy regarding tobacco-free environments at District sites, including the Project site and acknowledge and certify that I will adhere to the requirements of that policy and not permit any of my firm's employees, agents, subcontractors, or my firm's subcontractors' employees or agents to use tobacco and/or smoke on the Project site. The District also prohibits electronic cigarettes, "vaping" or similar product uses on District sites.

☐ **No Hazardous Materials.** I acknowledge and certify under penalty of perjury that no Asbestos, or Asbestos-Containing Materials, polychlorinated biphenyl (PCB), or any material listed by the federal or state Environmental Protection Agency or federal or state health agencies as a hazardous material, or any other material defined as being hazardous under federal or state laws, rules, or regulations ("New Hazardous Material"), shall be furnished, installed, or incorporated in any way into the Project or in any tools, devices, clothing, or equipment used to affect any portion of Contractor's work on the Project for District. I have instructed our employees with respect to the above-mentioned standards, hazards, risks, and liabilities.

- (i) Asbestos and/or asbestos-containing material shall be defined as all items containing but not limited to chrysotile, crocidolite, amosite, anthophyllite, tremolite, and actinolite. Any or all material containing greater than one-tenth of one percent (.1%) asbestos shall be defined as asbestos-containing material. Any disputes involving the question of whether or not material is New Hazardous Material shall be settled by electron microscopy or other appropriate and recognized testing procedure, at the District's determination. The costs of any such tests shall be paid by Contractor if the material is found to be New Hazardous Material.
- (ii) All Work or materials found to be New Hazardous Material or Work or material installed with equipment containing "New Hazardous Material," will be immediately rejected and this Work will be removed at Contractor's expense at no additional cost to the District.

The Contractor must immediately notify the District within two (2) Business Days, if the Contractor finds and before it disturbs, any material that the Contractor believes may be hazardous waste, as defined in section 25117 of the Health and Safety Code, and requires removal to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

☐ **Lead as a Health Hazard.** Lead poisoning is recognized as a serious environmental health hazard facing children today. Even at low levels of exposure, much lower than previously believed, lead can impair the development of a child's central nervous system, causing learning disabilities, and leading to serious behavioral problems. Lead enters the environment as tiny lead particles and lead dust disburses when paint chips, chalks, peels, wears away over time, or is otherwise disturbed. Ingestion of lead dust is the most common pathway of childhood poisoning; lead dust gets on a child's hands and toys and then into a child's mouth through common hand-to-mouth activity. Exposures may result from construction or remodeling activities that disturb lead paint, from ordinary wear and tear of windows and doors, or from friction on other surfaces.

Ordinary construction and renovation or repainting activities carried out without lead-safe work practices can disturb lead-based paint and create significant hazards. Improper removal practices, such as dry scraping, sanding, or water blasting painted surfaces, are likely to generate high volumes of lead dust.

Because the Contractor and its employees will be providing services for the District, and because the Contractor's work may disturb lead-containing building materials, **Contractor is hereby notified** of the potential presence of lead-containing materials located within certain buildings utilized by the District. All school buildings built prior to

1993 are presumed to contain some lead-based paint until sampling proves otherwise.

(i) **Overview of California Law**

Education Code section 32240 et seq. is known as the Lead Safe Schools Protection Act. Under this act, the Department of Health Services ("DHS") is to conduct a sample survey of schools in the State of California for the purpose of developing risk factors to predict lead contamination in public schools. (Ed. Code, § 32241.)

Any school that undertakes any action to abate existing risk factors for lead is required to utilize trained and state-certified contractors, inspectors, and workers. (Ed. Code, § 32243, subd. (b).) Moreover, lead-based paint, lead plumbing, and solders, or other potential sources of lead contamination, shall not be utilized in the construction of any new school facility or the modernization or renovation of any existing school facility. (Ed. Code, § 32244.)

Both the Federal Occupational Safety and Health Administration ("Fed/OSHA") and the California Division of Occupational Safety and Health ("Cal/OSHA") have implemented safety orders applicable to all construction work where a contractor's employee may be occupationally exposed to lead.

The OSHA Regulations apply to all construction work where a contractor's employee may be occupationally exposed to lead. The OSHA Regulations contain specific and detailed requirements imposed on contractors subject to that regulation. The OSHA Regulations define construction work as work for construction, alteration, and/or repair, including painting and decorating. It includes, but is not limited to, the following:

- a. Demolition or salvage of structures where lead or materials containing lead are present;
- b. Removal or encapsulation of materials containing lead;
- c. New construction, alteration, repair, or renovation of structures, substrates, or portions thereof, that contain lead, or materials containing lead;
- d. Installation of products containing lead;
- e. Lead contamination/emergency cleanup;
- f. Transportation, disposal, storage, or containment of lead or materials containing lead on the site or location at which construction activities are performed; and
- g. Maintenance operations associated with the construction activities described in the subsection.

Because it is assumed by the District that all painted surfaces (interior as well as exterior) within the District contain some level of lead, it is imperative that the Contractor, its workers and subcontractors fully and adequately comply with all applicable laws, rules and regulations governing lead-based materials (including title 8, California Code of Regulations, section 1532. 1).

The Contractor must notify the District if any Work may result in the disturbance of lead-containing building materials. Any and all Work that may result in the disturbance of lead-containing building materials must be coordinated through the District. A signed copy of this Certification must be on file prior to beginning Work on the Project, along with all current insurance certificates.

(ii) **Renovation, Repair and Painting Rule, Section 402(c)(3) of the Toxic Substances Control Act**

In 2008, the U.S. Environmental Protection Agency, issued a rule pursuant to the authority of Section 402(c)(3)

of the Toxic Substances Control Act, requiring lead safe work practices to reduce exposure to lead hazards created by renovation, repair and painting activities that disturb lead-based paint (Renovation, Repair and Painting Rule). Renovations in homes, childcare facilities, and schools built prior to 1978 must be conducted by certified renovations firms, using renovators with accredited training, and following the work practice requirements to reduce human exposures to lead.

Contractor, its workers and subcontractors must fully and adequately comply with all applicable laws, rules and regulations governing lead-based materials, including those rules and regulations appearing within title 40 of the Code of Federal Regulations as part 745 (40 CFR 745).

The requirements apply to all contractors who disturb lead-based paint in a six-square-foot area or greater indoors or a 20-square-foot area outdoors. If a DPH-certified inspector or risk assessor determines that a home constructed before 1978 is lead-free, the federal certification is not required for anyone working on that particular building.

(iii) **Contractor's Liability**

If the Contractor fails to comply with any applicable laws, rules, or regulations, and that failure results in a site or worker contamination, the Contractor will be held solely responsible for all costs involved in any required corrective actions, and shall defend, indemnify, and hold harmless the District, pursuant to the indemnification provisions of the Contract, for all damages and other claims arising therefrom.

If lead disturbance is anticipated in the Work, only persons with appropriate accreditation, registrations, licenses, and training shall conduct this Work.

It shall be the responsibility of the Contractor to properly dispose of any and all waste products, including, but not limited to, paint chips, any collected residue, or any other visual material that may occur from the prepping of any painted surface. It will be the responsibility of the Contractor to provide the proper disposal of any hazardous waste by a certified hazardous waste hauler. This company shall be registered with the Department of Transportation (DOT) and shall be able to issue a current manifest number upon transporting any hazardous material from any school site within the District.

The Contractor shall provide the District with any sample results prior to beginning Work, during the Work, and after the completion of the Work. The District may request to examine, prior to the commencement of the Work, the lead training records of each employee of the Contractor.

I acknowledge and certify under penalty of perjury, that:

1. I have received notification of potential lead-based materials on the District's property;
2. I am knowledgeable regarding and will comply with all applicable laws, rules, and regulations governing work with, and disposal of, lead.



Imported Materials. All soils, aggregate, or related materials ("Fill") that Contractor, a Subcontractor, agent or supplier, in any way, provides or delivers and/or supplies to the Project Site shall be free of any and all hazardous material as defined in section 25260 of the Health and Safety Code, shall satisfy the requirements of any environmental review of the Project performed pursuant to the statutes and guidelines of the California Environmental Quality Act, sections 21000 et seq. of the Public Resources Code ("CEQA"), and shall comply with the requirements of sections 17210 et seq. of the Education Code, including requirements for a Phase I environmental assessment acceptable to the State of California Department of Education and Department of Toxic Substances Control. I acknowledge that, to the furthest extent permitted by California law, the indemnification provisions in the Contract Documents apply to, without limitation, any claim(s) connected with providing, delivering, and/or supplying Fill.

☐ **Roofing Contract Financial Interest Certification (Public Contract Code § 3006)**

I, _____ [Your Name], _____ [Firm Name]
certify that I have not offered, given, or agreed to give, received, accepted, or agreed to accept, any gift, contribution, or any financial incentive whatsoever to or from any person in connection with a roof project contract or subcontract on the Project. As used in this certification, "person" means any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

I, _____ [Your Name], _____ [Firm Name]
certify that I do not have, and throughout the duration of the Contract, I will not have, any financial relationship in connection with the performance of the Contract with any architect, engineer, roofing consultant, materials manufacturer, distributor, or vendor that is not disclosed below.

I, _____ [Your Name], _____ [Firm Name]
have the following financial relationships with an architect, engineer, roofing consultant, materials manufacturer, distributor, or vendor, or other person in connection with the following roof project contract:

Name of firm ("Firm"): _____
Mailing address: _____
Address of branch office used for this Project: _____
If subsidiary, name and address of parent company: _____

For Projects without substantive roofing components, check the following box and execute this certification:

☐ The Work on the Contract (1) does not include the replacement or repair of a roof or (2) is a repair of twenty five percent (25%) or less of the roof, (3) or is a repair project that has a total cost of twenty one thousand dollars (\$21,000) or less.

☐ **Russian Sanctions Certification**

On February 21, 2022, President Biden issued Executive Order 14065 (<https://www.whitehouse.gov/briefing-room/presidential-actions/2022/02/21/executive-order-on-blocking-property-of-certain-persons-and-prohibiting-certain-transactions-with-respect-to-continued-russian-efforts-to-undermine-the-sovereignty-and-territorial-integrity-of-ukraine/>; "Federal Order") imposing economic sanctions and prohibiting many activities including, but not limited to, investing in, importing to, exporting from, and contracting with, areas of Ukraine and in Russia. On March 4, 2022, California Governor Newsom issued Executive Order N-6-22 requiring state agencies to take steps to ensure any agency and entity under contract with state agencies comply with the Federal Order (<https://www.gov.ca.gov/wp-content/uploads/2022/03/3.4.22-Russia-Ukraine-Executive-Order.pdf>; "State Order").

The District requires the Contractor, as a vendor with the District, to comply with the economic sanctions imposed in response to Russia's actions in Ukraine, including the orders and sanctions identified on the U.S. Department of the Treasury website (<https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>).

If your Firm's contract with the District has a cumulative value of \$5 million or more, your certification here constitutes your written response to the District, indicating:

(1) that your Firm is in compliance with the required economic sanctions of the Federal and State Orders;

(2) the steps your Firm has taken in response to Russia's actions in Ukraine, including, but not limited to, desisting from making new investments in, or engaging in financial transactions with, Russian entities, not

transferring technology to Russia or Russian entities, and directly providing support to the government and people of Ukraine.

I ACKNOWLEDGE AND CERTIFY UNDER PENALTY OF PERJURY THAT I AM DULY AUTHORIZED TO LEGALLY BIND THE CONTRACTOR TO ALL PROVISIONS AND ITEMS INCLUDED IN THESE CERTIFICATIONS, THAT THE CONTENTS OF THESE CERTIFICATIONS ARE TRUE, AND THAT THESE CERTIFICATIONS ARE MADE UNDER THE LAWS OF THE STATE OF CALIFORNIA.

Date:

Proper Name of Contractor:

Signature:

Print Name:

Title:

END OF DOCUMENT

DISABLED VETERAN BUSINESS ENTERPRISE PARTICIPATION CERTIFICATION

Section 17076.11 of the Education Code requires school districts using funds allocated pursuant to the State of California School Facility Program ("Program") for the construction and/or modernization of school buildings to have a participation goal for disabled veteran business enterprises ("DVBE(s)") of at least three percent (3%), per year, of the overall dollar amount expended each year by the school district on projects that receive state funding.

Section 2001 of the Public Contract Code requires school districts to require each Bidder to provide in its bid certain information about its Subcontractors. In addition to completing this certification as indicated herein, each Bidder must provide the information related to DVBEs as required in the Designated Subcontractors List.

1. **Disabled Veteran Business Enterprise.** A DVBE is a business enterprise certified by the California Office of Small Business as a DVBE.
2. **DVBE Participation Policy.** The District is committed to achieving this DVBE participation goal. The District encourages Contractor to ensure maximum opportunities for the participation of DVBEs in the Work of the Contract.
3. **DVBE Participation Goal.** The three percent (3%) participation goal is not a quota, set-aside or rigid proportion.
4. **Certification of Participation.** At the time of execution of the Contract, the Contractor will provide a statement to the District of anticipated participation of DVBEs in the contract.
5. **Submission of Report.** During performance of the Contract, Contractor shall monitor the Work of the Contract, award of subcontracts and contracts for materials, equipment and supplies for the purpose of determining DVBE participation in the Work of the Contract.
 - a) Contractor shall report on a monthly basis all DVBEs utilized in the performance of the Work, the type or classification of the Work performed by each DVBE, and the dollar value of the Work performed by each DVBE.
 - b) Upon completion of the Work of the Contract, Contractor shall submit a report to the District in the form attached hereto identifying all DVBEs utilized in the performance of the Work, the type or classification of the Work performed by each DVBE, and the dollar value of the Work performed by each DVBE.
 - i) The submission to the District of this report is a condition precedent to the District's obligation to make payment of the Final Payment under the Contract Documents. The submission of this report shall be in addition to, and not in lieu of, any other conditions precedent set forth in the Contract Documents for the District's obligation to make payment of the Final Payment.
 - ii) The District reserves the right to request additional information or documentation from the Contractor evidencing efforts to comply with the three percent (3%) DVBE participation goal.

DVBE PARTICIPATION REPORT

Contractor Name: _____ Date: _____

Project Name: Meadow Heights Elementary School New MPR Building Project Number: [20-185]

DVBE Firm Name	Trade / Portion of Work	Subcontract/ Contract Value
Add more sheets as needed to include all information for each DVBE		

Does the cumulative dollar value of these DVBE contracts meet or exceed the participation goal of three percent (3%) of the final Contract Price, as adjusted by all change orders?

YES _____ NO _____

If your response is "NO," please attach to this report a detailed description of the reasons your firm did not achieve the participation goal of three percent (3%) of the final Contract Price.

I certify and declare under penalty of perjury under the laws of the State of California that all the foregoing information is complete, true, and correct.

Date: _____

Proper Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

CRIMINAL BACKGROUND INVESTIGATION / FINGERPRINTING CERTIFICATION

The undersigned does hereby certify to the governing board of the District that undersigned is a representative of the Contractor, is familiar with the facts herein certified, is authorized and qualified to execute this certificate on behalf of Contractor; and that the information in this Criminal Background Investigation / Fingerprinting Certification is true and correct.

1. **Education Code.** Contractor has taken at least one of the following actions (check all that apply):

☐ **All Workers Fingerprinted.** The Contractor has complied with the fingerprinting requirements of Education Code section 45125.1 with respect to all Contractor's employees and all of its subcontractors' employees who interact with pupils, outside of the immediate supervision and control of the pupil's parent or guardian or a school employee, has a valid criminal records summary as described in Education Code Section 44237 (Contractor shall "require each applicant for employment in a position requiring contact with minor pupils to submit two sets of fingerprints prepared for submittal by the employer to the Department of Justice for the purpose of obtaining criminal record summary information from the Department of Justice and the Federal Bureau of Investigation."). A complete and accurate list of Contractor's employees and of all of its subcontractors' employees who may interact with District pupils during the course and scope of the Contract is attached hereto; and/or

☐ **Physical Barrier.** Pursuant to Education Code section 45125.2, Contractor has installed or will install, prior to commencement of work, a physical barrier at the Project site, that will limit contact between Contractor's employees and District pupils at all times; and/or

☐ **Continual Supervision by Fingerprinted Employee.** Pursuant to Education Code section 45125.2, Contractor certifies that all employees will be under the continual supervision of, and monitored by, an employee of the Contractor who the California Department of Justice has ascertained has not been convicted of a violent or serious felony. The name and title of the employee who will be supervising Contractor's employees and its subcontractors' employees is:

Name: _____ Title: _____

☐ **Unoccupied Site.** The Work on the Contract is at an unoccupied school site and no employee and/or subcontractor or supplier of any tier of Contract shall come in contact with the District pupils.

2. **Megan's Law (Sex Offenders).** I have verified and will continue to verify that the employees of Contractor that will be on the Project site and the employees of the Subcontractor(s) that will be on the Project site are **not** listed on California's "Megan's Law" Website (<http://www.meganslaw.ca.gov/>).

Contractor's responsibility for background clearance extends to all of its employees, subcontractors, and employees of subcontractors coming into contact with District pupils regardless of whether they are designated as employees or acting as independent contractors of the Contractor.

Date: _____

Proper Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

ESCROW OF BID DOCUMENTATION

1. Requirement to Escrow Bid Documentation

- a. Contractor shall submit, within **Five (5) Business Days** after the date of the Notice of Award, one copy of all documentary information received or generated by Contractor in preparation of bid prices for this Contract. This material is referred to as "Escrow Bid Documentation." The Escrow Bid Documentation will be held in escrow by the District for the duration of the Contract.
- b. Contractor agrees, as a condition of award of the Contract, that the Escrow Bid Documentation constitutes **ALL** written information used in the preparation of its bid, and that no other written bid preparation information shall be considered in resolving disputes or claims. Contractor also agrees that nothing in the Escrow Bid Documentation shall change or modify the terms or conditions of the Contract Documents.
- c. The Escrow Bid Documentation will not be opened by District except as indicated herein. The Escrow Bid Documentation will be used only to assist in the negotiation of price adjustments and change orders or the settlement of disputes or claims.
- d. Contractor's submission of the Escrow Bid Documentation, as with the bonds and insurance documents required, is considered an essential part of the Contract award. Should the Contractor fail to make the submission within the allowed time specified above, District may deem the Contractor to have failed to enter into the Contract, and the Contractor shall forfeit the amount of its bid security, accompanying the Contractor's bid, and District may award the Contract to the next lowest responsive responsible bidder.
- e. **NO PAYMENTS WILL BE MADE, NOR WILL DISTRICT ACCEPT PROPOSED CHANGE ORDERS UNTIL THE ESCROW BID DOCUMENTATION IS SUBMITTED AND APPROVED.**
- f. The Escrow Bid Documentation shall be submitted in person by an authorized representative of the Contractor to the District.

2. Ownership of Escrow Bid Documentation

- a. The Escrow Bid Documentation is, and shall always remain, the property of Contractor, subject to review by District, as provided herein.
- b. As trade secrets, the Escrow Bid Documentation is proprietary and confidential to the extent allowed by law. Escrow Bid Documentation constitute trade secrets, not known outside Contractor's business, known only to a limited extent and only by a limited number of employees of Contractor, safeguarded while in Contractor's possession, extremely valuable to Contractor, and could be extremely valuable to Contractor's competitors by virtue of it reflecting Contractor's contemplated techniques of construction. Subject to the provisions herein, District agrees to safeguard the Escrow Bid Documentation, and all information contained therein, against disclosure to the fullest extent permitted by law.

3. Format and Contents of Escrow Bid Documentation

- a. Contractor may submit Escrow Bid Documentation in its usual cost-estimating format; a standard format is not required.
- b. Escrow Bid Documentation must clearly itemize the estimated costs of performing the work of each bid item contained in the bid schedule, separating bid items into sub-items as required to present a detailed

cost estimate and allow a detailed cost review.

- c. **Subcontractors.** The Escrow Bid Documentation shall include all subcontractor bids or quotes, supplier bids or quotes, quantity takeoffs, crews, equipment, calculations of rates of production and progress, copies of quotes from subcontractors and suppliers, and memoranda, narratives, add/deduct sheets, and all other information used by the Contractor to arrive at the prices contained in the bid proposal.
- d. Estimated costs should be broken down into Contractor's usual estimate categories such as direct labor, repair labor, equipment ownership and operation, expendable materials, permanent materials, and subcontract costs as appropriate. Plant and equipment and indirect costs should be detailed in the Contractor's usual format. The Contractor's allocation of indirect costs, contingencies, markup, and other items to each bid item shall be identified.
- e. **All costs shall be identified.** For bid items amounting to less than \$10,000, estimated unit costs are acceptable without a detailed cost estimate, provided that labor, equipment, materials, and subcontracts, as applicable, are included and provided that indirect costs, contingencies, and markup, as applicable, are allocated.
- f. Bid Documentation provided by District should not be included in the Escrow Bid Documentation unless needed to comply with the following requirements.

4. Submittal of Escrow Bid Documentation

- a. The Escrow Bid Documentation shall be submitted by the Contractor in a sealed container/envelope within **Five (5) Business Days** after the date of the Notice of Award. The container/envelope shall be clearly marked on the outside with the Contractor's name, date of submittal, project name and the words ***"Escrow Bid Documentation – To be opened only after written notice to Contractor and District."***
- b. By submitting Escrow Bid Documentation, Contractor represents that the material in the Escrow Bid Documentation constitutes of all the documentary information used in preparation of the bid and that the Contractor has personally examined the contents of the Escrow Bid Documentation container and has found that the documents in the container are complete.
- c. **Subcontractors.** If Contractor's proposal is based upon subcontracting any part of the work, each subcontractor whose total subcontract price exceeds five percent (5%) of the total contract price proposed by Contractor, shall provide separate escrow documents to be included with those of Contractor. Those documents shall be opened and examined in the same manner and at the same time as the examination described above for Contractor. Each subcontractor's documents can be sealed within Contractor's Escrow Bid Documentation and will only be opened if the change order or dispute at issue relates to that subcontractor(s)' scope of work.
- d. If Contractor wishes to subcontract any portion of the Work after award of the Contract, District retains the right to require Contractor to submit escrow documents for the Subcontractor before the subcontract is approved.

5. Storage, Examination and Final Disposition of Escrow Bid Documentation

- a. The Escrow Bid Documentation will be placed in escrow, for the term of the Contract, at the District offices.
- b. The Escrow Bid Documentation may be examined by the District, by the Contractor, and/or by both parties, upon **Five (5) Business Days** written notice from the party noticing the examination to the other party.

- c. An examination is permissible at any time that one party reasonably believes that an examination of the Escrow Bid Documentation is necessary to assist in the negotiation of price adjustments and change orders or the settlement of disputes or claims. In the case of legal proceedings, Escrow Bid Documentation may be subject to the terms of an appropriate protective order, if requested via motion by Contractor and ordered by a court of competent jurisdiction.
- d. If Contractor or District fails to designate a representative or fails to appear for the noticed examination, then the Contractor or District representative may examine the Escrow Bid Documents alone if a representative of the Contractor or District does not appear at the time set.
- e. **Subcontractor.** If a subcontractor has submitted sealed information that is included in the Escrow Bid Documentation and that subcontractor is reasonably involved in the negotiation of price adjustments and change orders or the settlement of disputes or claims, then the party requesting examination (the Contractor or the District) is required to also notify that Subcontractor with the same **Five (5) Business Days** written notice that the requesting party sends to the other party.
- f. The Escrow Bid Documentation will be returned to Contractor when the District accepts Project Completion, when all of Contractor's claims (if any) have been resolved to District's and Contractor's satisfaction, and when the Contractor certifies that it has no further claims against the District.

END OF DOCUMENT

ESCROW AGREEMENT FOR SECURITY DEPOSITS IN LIEU OF RETENTION
(Public Contract Code § 22300)

This Escrow Agreement ("Escrow Agreement") is made and entered into on _____, 202_____, by and between the following:

San Mateo-Foster City School District ("District"), whose address is _____, California, and

_____ ("Contractor"), whose address is _____, and

_____ ("Escrow Agent"), a state or federally chartered bank in California, whose address is _____.

For the consideration hereinafter set forth, District, Contractor, and Escrow Agent agree as follows:

1. Pursuant to section 22300 of Public Contract Code of the State of California, which is hereby incorporated by reference, Contractor has the following two (2) options:

☐ Deposit securities with Escrow Agent as a substitute for retention earnings required to be withheld by District pursuant to the Construction Contract No. _____ entered into between District and Contractor for the _____ Project, in the amount of _____ (\$_____) dated, _____, 20_____, (the "Contract");

OR

☐ On written request of Contractor, District shall make payments of the retention earnings for the Contract directly to Escrow Agent.

When Contractor deposits the securities as a substitute for Contract earnings, Escrow Agent shall notify District within ten (10) calendar days of the deposit. The market value of the securities at all times from substitution until the termination of the Escrow Agreement shall be at least equal to the cash amount then required to be withheld as retention pursuant to the Contract.

Securities shall be held in name of **San Mateo-Foster City School District**, and shall designate Contractor as beneficial owner.

2. District shall make payments to Contractor for those funds which otherwise would be withheld from payments pursuant to Contract provisions, provided that Escrow Agent holds securities in the form and amount specified above.
3. When District makes payment of retention earned directly to Escrow Agent, Escrow Agent shall hold them for the benefit of Contractor until the time that the escrow created under this Escrow Agreement is terminated. Contractor may direct the investment of the payments into securities. All terms and conditions of this Escrow Agreement and the rights and responsibilities of the Parties shall be equally applicable and binding when District pays Escrow Agent directly.
4. Contractor shall be responsible for paying all fees for the expenses incurred by Escrow Agent in administering the Escrow Account, and all expenses of District. These expenses and payment terms shall be determined by District, Contractor, and Escrow Agent.
5. Interest earned on securities or money market accounts held in escrow and all interest earned on that interest

shall be for sole account of Contractor and shall be subject to withdrawal by Contractor at any time and from time to time without notice to District.

6. Contractor shall have the right to withdraw all or any part of the principal in the Escrow Account only by written notice to Escrow Agent accompanied by written authorization from District to Escrow Agent that District consents to withdrawal of amount sought to be withdrawn by Contractor.
7. District shall have the right to draw upon the securities and/or withdraw amounts from the Escrow Account in event of default by Contractor. Upon seven (7) days written notice to Escrow Agent from District of the default, if applicable, Escrow Agent shall immediately convert the securities to cash and shall distribute the cash as instructed by District.
8. Upon receipt of written notification from District certifying that the Contract is final and complete, and that Contractor has complied with all requirements and procedures applicable to the Contract, Escrow Agent shall release to Contractor all securities and interest on deposit less escrow fees and charges of the Escrow Account. The escrow shall be closed immediately upon disbursement of all monies and securities on deposit and payments of fees and charges.
9. Escrow Agent shall rely on written notifications from District and Contractor pursuant to Paragraphs 5 through 8, inclusive, of this Escrow Agreement and District and Contractor shall hold Escrow Agent harmless from Escrow Agent's release and disbursement of securities and interest as set forth above.
10. Names of persons who are authorized to give written notice or to receive written notice on behalf of District and on behalf of Contractor in connection with the foregoing, and exemplars of their respective signatures are as follows:

On behalf of District:

Title

Name

Signature

Address

On behalf of Contractor:

Title

Name

Signature

Address

On behalf of Escrow Agent:

Title

Name

Signature

Address

At the time the Escrow Account is opened, District and Contractor shall deliver to Escrow Agent a fully executed copy of this Escrow Agreement.

IN WITNESS WHEREOF, the parties have executed this Escrow Agreement by their proper officers on the date first set forth above.

SAN MATEO-FOSTER CITY SCHOOL DISTRICT

_____**Contractor**

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Print Title: _____

Print Title: _____

_____**Escrow Agent**

Signature: _____

Print Name: _____

Print Title: _____

END OF DOCUMENT

DOCUMENT 00 54 70

STORM WATER POLLUTION PREVENTION PLAN

END OF DOCUMENT

DOCUMENT 00 61 14

PERFORMANCE BOND (100% of Contract Price)

(Note: Contractors must use this form, NOT a surety company form.)

WHEREAS, the governing board ("Board") of the **San Mateo-Foster City School District**, ("District") and

_____, ("Principal")

have entered into a contract for the furnishing of all materials and labor, services and transportation, necessary, convenient, and proper to perform the following project:

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract")

which Contract dated _____, 20____, and all of the Contract Documents attached to or forming a part of the Contract, are hereby referred to and made a part hereof, and

WHEREAS, the Principal is required under the terms of the Contract to furnish a bond for the faithful performance of the Contract;

NOW, THEREFORE, the Principal and _____ ("Surety") are held and firmly bound unto the District in the penal sum of:

\$ _____ **DOLLARS,**

lawful money of the United States, for payment to the District and will and truly be made pursuant to the provisions herein. Principal and Surety, each of us, bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally to:

- Perform all the work required to complete the Project; and
- Pay to the District all damages the District incurs as a result of the Principal's failure to perform all the Work required to complete the Project.

In the event the Principal is declared by the District to be in breach or default in the performance of the Contract, then, after written notice from the District to the Surety, as provided for herein, the Surety shall either remedy the default or breach of the Principal or shall take charge of the Work of the Contract and complete the Contract with a Contractor other than the Principal at its own expense; provided, however, that the procedure by which the Surety undertakes to discharge its obligations under this Bond shall be subject to the advance written approval of the District.

The condition of the obligation is such that, if the above bounden Principal, his or its heirs, executors, administrators, successors, or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions, and agreements in the Contract and any alteration thereof made as therein provided, on his or its part to be kept and performed at the time and in the intent and meaning, including all contractual guarantees and warranties of materials and workmanship, and shall indemnify and save harmless the District, its trustees, officers and agents, as therein stipulated, then this obligation shall become null and void, otherwise it shall be and remain in full force and effect.

As a condition precedent to the satisfactory completion of the Contract, the above obligation shall hold good for a period equal to the warranty and/or guarantee period of the Contract, during which time Surety's obligation shall continue if Contractor shall fail to make full, complete, and satisfactory repair, replace, and totally protect the District from loss or damage resulting from or caused by defective materials or faulty workmanship. The obligations of Surety hereunder shall continue so long as any obligation of Contractor remains. Nothing herein

shall limit the District's rights or the Contractor's or Surety's obligations under the Contract, law or equity, including, but not limited to, California Code of Civil Procedure section 337.15.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or to the Work to be performed thereunder shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the Contract Documents or to the Work.

Any claims under this bond may be addressed to the Surety at the following address. This cannot be the Contractor's broker for this bond, but must be an employee of the Surety or the Surety's legal counsel:

Attention: _____

Telephone No.: (____) _____ - _____

Fax No.: (____) _____ - _____

E-mail Address: _____

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the _____ day of _____, 20____.

Principal

Surety

(Name of Principal)

(Name of Surety)

(Signature of Person with Authority)

(Signature of Person with Authority)

(Print Name)

(Print Name)

(Name of California Agent of Surety)

(Address of California Agent of Surety)

(Telephone Number of California Agent of Surety)

Contractor must attach a Notarial Acknowledgment for all Surety's signatures and a Power of Attorney and Certificate of Authority for Surety. The California Department of Insurance must authorize the Surety to be an admitted surety insurer.

END OF DOCUMENT

DOCUMENT 00 61 15

PAYMENT BOND -- Contractor's Labor & Material Bond (100% of Contract Price)

(Note: Contractors must use this form, NOT a surety company form.)

WHEREAS, the governing board ("Board") of the **San Mateo-Foster City School District**, ("District") and

_____, ("Principal")

have entered into a contract for the furnishing of all materials and labor, services and transportation, necessary, convenient, and proper to perform the following project:

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract")

which Contract dated _____, 20____, and all of the Contract Documents attached to or forming a part of the Contract, are hereby referred to and made a part hereof, and

WHEREAS, pursuant to law and the Contract, the Principal is required, before entering upon the performance of the work, to file a good and sufficient bond with the body by which the Contract is awarded in an amount equal to 100 percent (100%) of the Contract price, to secure the claims to which reference is made in the Civil Code of California, including section 9100, and the Labor Code of California, including section 1741.

NOW, THEREFORE, the Principal and _____ ("Surety") are held and firmly bound unto all laborers, material men, and other persons referred to in said statutes in the penal sum of:

\$ _____ **DOLLARS,**

lawful money of the United States, being a sum not less than the total amount payable by the terms of Contract, for the payment of which sum well and truly to be made pursuant to all applicable statutes and laws applicable to the provisions herein. Principal and Surety, each of us, bind ourselves, our heirs, executors, administrators, successors, or assigns, jointly and severally, to those applicable statutes and laws, and to the provisions herein.

The condition of this obligation is that if the Principal or any of his or its subcontractors, of the heirs, executors, administrators, successors, or assigns of any, all, or either of them shall fail to pay for any labor, materials, provisions, equipment, or other supplies, used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or for amounts due under the Unemployment Insurance Act with respect to that work or labor, that the Surety will pay the same in an amount not exceeding the amount herein above set forth, and also in case suit is brought upon this bond, will pay a reasonable attorney's fee to be awarded and fixed by the Court, and to be taxed as costs and to be included in the judgment therein rendered.

It is hereby expressly stipulated and agreed that this bond shall inure to the benefit of any and all persons, companies, and corporations entitled to file claims under sections 9000 through 9566 of the Civil Code, so as to give a right of action to them or their assigns in any suit brought upon this bond.

Should the condition of this bond be fully performed, then this obligation shall become null and void; otherwise it shall be and remain in full force and affect.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract or to the Work to be performed thereunder shall in any way affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the Contract Documents or to the Work.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed an original thereof, have been duly executed by the Principal and Surety above named, on the _____ day of _____, 20____.

Principal

Surety

(Name of Principal)

(Name of Surety)

(Signature of Person with Authority)

(Signature of Person with Authority)

(Print Name)

(Print Name)

(Name of California Agent of Surety)

(Address of California Agent of Surety)

(Telephone Number of California Agent of Surety)

Contractor must attach a Notarial Acknowledgment for all Surety's signatures and a Power of Attorney and Certificate of Authority for Surety. The California Department of Insurance must authorize the Surety to be an admitted surety insurer.

END OF DOCUMENT

DOCUMENT 00 65 10

NOTICE TO PROCEED

Dated: _____, 20__

To: _____
("Contractor")

(Address)

From: Governing Board ("Board") of **San Mateo-Foster City School District** ("District")

Re: **Meadow Heights Elementary School New MPR Building, Project #20-185** ("Project" or
"Contract")

Contractor is hereby notified that the Contract Time under the Contract will commence to run on February 19, 2024. By that date, Contractor shall start performing its obligations under the Contract Documents. In accordance with the Agreement executed by Contractor, the Contract Time and Project Completion is **July 11, 2025**.

Contractor must submit the following documents by 5:00 p.m. of the **TENTH (10TH)** calendar day following the date of this Notice to Proceed:

1. Contractor's preliminary schedule of construction.
2. Contractor's preliminary schedule of submittals, including Shop Drawings, Product Data, and Samples submittals.
3. Contractor's preliminary schedule of values for all of the Work.
4. Contractor's preliminary Contractor's Safety Plan specifically adapted for the Project.
5. A complete subcontractors list, including the name, address, telephone number, facsimile number, California State Contractor's License number, classification, and monetary value of all Subcontracts.

Thank you. We look forward to a successful Project.

SAN MATEO-FOSTER CITY SCHOOL DISTRICT

SIGNATURE: _____

NAME: _____

TITLE: _____

END OF DOCUMENT

WARRANTY AND GUARANTEE FORM

1. _____ ("Contractor")
hereby agrees that the _____ ("Work" of Contractor)
which Contractor has installed for the **San Mateo-Foster City School District** ("District") for the following
project:

Meadow Heights Elementary School New MPR Building, Project #20-185 ("Project" or "Contract")

was performed in accordance with the requirements of the Contract Documents and that the Work as
installed fulfills the requirements of the Contract Documents.

2. Contractor agrees to repair or replace all of the Work that may prove to be defective in workmanship or
material and any other adjacent Work that may be displaced in connection with such replacement within a
period of _____ **YEAR(S)** from the date of Completion as defined in the Contract, ordinary wear
and tear and unusual abuse or neglect excepted. The date of completion is _____, 20__.
3. In the event Contractor fails to comply with the above-mentioned conditions within a reasonable period of
time, as determined by District, but not later than **SEVEN (7)** calendar days after being notified in writing by
District, Contractor authorizes District to proceed to repair or replace the defective Work at the expense of
Contractor. Contractor shall pay the costs and charges therefor upon demand.

4. **Representatives to be contacted for service subject to the terms of Contract:**

NAME: _____
ADDRESS: _____
PHONE NO.: _____
EMAIL: _____

Date: _____
Proper Name of Contractor: _____
Signature: _____
Print Name: _____
Title: _____

END OF DOCUMENT

DOCUMENT 00 70 00

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1. CONTRACT TERMS AND DEFINITIONS

1.1. Definitions

Wherever used in the Contract Documents, the following terms shall have the meanings indicated, which shall be applicable to both the singular and plural thereof:

1.1.1. Adverse Weather: Weather that satisfies all of the following conditions: (1) unusually severe precipitation, sleet, snow, hail, heat, or cold conditions in excess of the norm for the location and time of year it occurred, (2) unanticipated, and (3) occurring at the Project Site.

1.1.2. Allowance(s): Amount(s) stated in the Agreement for specific scopes of work for which Contractor may, upon District's written approval, bill its time, materials, and other items in the identical structure as a Change Order.

1.1.3. Approval, Approved, and/or Accepted: Refer to written authorization, unless stated otherwise.

1.1.4. Architect: The individual, partnership, corporation, joint venture, or any combination thereof, named as Architect that has the rights and authority assigned to the Architect in the Contract Documents. The term Architect means the District's Architect on this Project or the Architect's authorized representative. If no Architect is used on the Project, then all references in the Contract Documents to Architect shall be read to refer to District.

1.1.5. As-Built Drawings: A reproducible full-size sets of drawings to be prepared on a monthly basis, and upon Project Completion, pursuant to the Contract Documents, that reflect changes made during the performance of the Work, recording differences between the original design of the Work and the Work as constructed.

1.1.6. Bidder: A contractor who provides a bid to the District to perform the Work of the Contract.

1.1.7. Change Order: A written order to the Contractor authorizing an addition to, deletion from, or revision in the Work, and/or authorizing an adjustment in the Contract Price or Contract Time. If a Change Order is required to be approved by DSA, the District may call it a Construction Change Document.

1.1.8. Completion: When the entire Work shall have been completed, including all punch list items, as further detailed in the "Completion of the Project" Section herein. Final DSA approval of the Project is not required for Completion. There is no "Substantial Completion" or "Beneficial Occupancy" for this Project, although the District may occupy the Project prior to completion as permitted herein.

1.1.9. Construction Manager: The individual, partnership, corporation, joint venture, or any combination thereof, or its authorized representative, named as such by the District. If no Construction Manager is used on the Project, then all references in the Contract Documents to Construction Manager shall be read to refer to District.

1.1.10. Construction Schedule: The progress schedule of construction of the Project as provided by Contractor and approved by District.

1.1.11. Contract, Contract Documents: The Contract consists exclusively of the documents evidencing the agreement of the District and Contractor, identified as the Contract Documents. The Contract Documents consist of the following documents:

1.1.11.1. Notice to Bidders / Invitation to Bid

- 1.1.11.2. Instructions to Bidders
- 1.1.11.3. Bid Form
- 1.1.11.4. Bid Bond
- 1.1.11.5. Designated Subcontractors List
- 1.1.11.6. Noncollusion Declaration
- 1.1.11.7. Iran Contracting Act Certification
- 1.1.11.8. Certifications to be Completed by Contractor
- 1.1.11.9. Disabled Veteran's Business Enterprise Participation Certification
- 1.1.11.10. Criminal Background Investigation/Fingerprinting Certification
- 1.1.11.11. Notice of Award
- 1.1.11.12. Agreement
- 1.1.11.13. Escrow of Bid Documentation (if applicable)
- 1.1.11.14. Escrow Agreement for Security Deposits in Lieu of Retention
- 1.1.11.15. Storm Water Pollution Prevention Plan (if applicable)
- 1.1.11.16. Notice to Proceed
- 1.1.11.17. Performance Bond
- 1.1.11.18. Payment Bond (Contractor's Labor and Material Bond)
- 1.1.11.19. District Contract Forms (if applicable)
- 1.1.11.20. District Closeout Forms (if applicable)
- 1.1.11.21. Warranty and Guarantee Form
- 1.1.11.22. General Conditions
- 1.1.11.23. Special Conditions
- 1.1.11.24. Project Plans, Specifications, Technical Specifications, and Drawings
- 1.1.11.25. Addenda to any of the above documents
- 1.1.11.26. Schedules if approved in writing by the District
- 1.1.11.27. Change Orders or written modifications to the above documents if approved in writing by the District

1.1.12. Contract Price: The total monies payable to the Contractor under the terms and conditions of the Contract Documents.

1.1.13. Contract Time: The time period stated in the Agreement for the Completion of the Work.

1.1.14. Contractor: The licensed person, entity, or entities identified in the Agreement as contracting to perform the Work.

1.1.15. Daily Job Report(s): Daily Project reports prepared by the Contractor's employee(s) who are present on Site, which shall include the information required herein.

1.1.16. Day(s): Unless otherwise designated, day(s) means calendar day(s). "**Business Day(s)**" shall mean days except Saturday, Sunday, a day that is federally-recognized holiday, or a day that is a California-recognized holiday.

1.1.17. Defective or Nonconforming Work. Defective or nonconforming Work is any Work which is unsatisfactory, faulty or deficient by: (a) not conforming to the requirements of the Contract Documents; (b) not conforming to the standards of workmanship of the applicable trade; (c) not being in compliance with the requirements of any inspection, reference, standard, test, or approval required by the Contract Documents; or (d) damage to Work occurring prior to Completion.

1.1.18. District: The public agency or the school district for which the Work is performed.

1.1.19. Drawings: (or "Plans") The graphic and pictorial portions of the Contract Documents showing the design, location, scope and dimensions of the Work, generally including plans, elevations, sections, details, schedules, sequence of operation, and diagrams.

1.1.20. DSA: Division of the State Architect.

1.1.21. Force Account Directive: A process that may be used when the District and the Contractor cannot agree on a price for a specific scope of work or before Contractor prepares a price for the scope of work and Contractor is directed in writing by the District to perform on a time and materials basis.

1.1.22. Premises: The real property owned by the District on which the Project Site is located. For example, if the Project is only being performed on a portion of a school, the Site is only the area where the Project is located (the Project Site), and the Premises is the entire school site.

1.1.23. Product(s): New material, machinery, components, equipment, fixtures and systems forming the Work, including existing materials or components required and approved by the District for reuse.

1.1.24. Product Data: Illustrations, standard schedules, performance charts, instructions, brochures, diagrams, and other information furnished by Contractor to illustrate a material, product, or system for a scope of the Work.

1.1.25. Project: The planned undertaking as provided for in the Contract Documents.

1.1.26. Project Inspector: (or "Inspector") Individual(s) retained by the District in accordance with title 24 of the California Code of Regulations to monitor and inspect the Project. If no Project Inspector is used on the Project, then all references in the Contract Documents to Project Inspector shall be read to refer to District.

1.1.27. Program Manager: The individual, partnership, corporation, joint venture, or any combination thereof, or its authorized representative, named as such by the District. If no Program Manager is designated for the Project then all references to Program Manager shall refer to District.

1.1.28. Proposed Change Order: A written request prepared by the Contractor requesting that the District and the Architect issue a Change Order based upon a proposed change to the Work.

1.1.29. Provide: Shall include "provide complete in place," that is, "furnish and install," and "provide complete and functioning as intended in place" unless specifically stated otherwise.

1.1.30. Request for Information: (or "RFI") A written request prepared by the Contractor requesting that the Architect provide additional information necessary to clarify or amplify an item in the Contract Documents that the Contractor believes is not clearly shown or called for in the Drawings or Specifications or other portions of the Contract Documents, or to address issues that have arisen under field conditions.

1.1.31. Request for Substitution: A request by Contractor to substitute an equal or superior material, product, thing, or service for a specific material, product, thing, or service that has been designated in the Contract Documents by a specific brand or trade name.

1.1.32. Safety Orders: Written and/or verbal orders for construction issued by the California Division of Industrial Safety ("CalOSHA") or by the United States Occupational Safety and Health Administration ("OSHA").

1.1.33. Safety Plan: Contractor's safety plan specifically adapted for the Project. Contractor's Safety Plan shall comply with all provisions regarding Project safety, including all applicable provisions in these General Conditions.

1.1.34. Samples: Physical examples that illustrate materials, products, equipment, finishes, colors, or workmanship and that, when approved in accordance with the Contract Documents, establish standards by which portions of the Work will be judged.

1.1.35. Shop Drawings: All drawings, prints, diagrams, illustrations, brochures, schedules, and other data that are prepared by the Contractor, a subcontractor, manufacturer, supplier, or distributor, that illustrate how specific portions of the Work shall be fabricated or installed.

1.1.36. Site: The Project site as shown on the Drawings.

1.1.37. Specifications: That portion of the Contract Documents, Division 1 through Division 17, and all technical sections, and addenda to all of these, if any, consisting of written descriptions and requirements of a technical nature of materials, equipment, construction methods and systems, standards, and workmanship.

1.1.38. Subcontractor: A contractor and/or supplier who is under contract with the Contractor or with any other subcontractor, regardless of tier, to perform a portion of the Work.

1.1.39. Submittal Schedule: The schedule of submittals as provided by Contractor and approved by District.

1.1.40. Surety: The person, firm, or corporation that executes as surety the Contractor's Performance Bond and Payment Bond, and must be a California admitted surety insurer as defined in the Code of Civil Procedure section 995.120.

1.1.41. SWPPP: The District's Storm Water Pollution Prevention Plan.

1.1.42. Terms. The term "provide" means "provide complete in place" or to "furnish and install" such item. Unless otherwise provided in the Contract Documents, the terms "approved;" "directed;" "satisfactory;" "accepted;" "acceptable;" "proper;" "required;" "necessary" and "equal" shall mean as approved, directed, satisfactory, accepted, acceptable, proper, required, necessary and equal, in the opinion of the District. The term "typical" as used in the Drawings shall require the installation or furnishing of such item(s) of the Work designated as "typical" in all other areas similarly marked as "typical"; Work in such other areas shall conform to that shown as "typical" or as reasonably inferable

therefrom.

1.1.43. Unilateral Change Order: A written order prepared and issued by the District, the Construction Manager, and/or the Architect and signed by the District and the Architect, directing a change in the Work. **A Unilateral Change Order is NOT a Construction Change Document (which is defined above as a Change Order that DSA must approve).**

1.1.44. Work: All labor, materials, equipment, components, appliances, supervision, coordination, and services required by, or reasonably inferred from, the Contract Documents, that are necessary for the construction and Completion of the Project.

1.2. Laws Concerning the Contract

Contract is subject to all provisions of the Constitution and laws of California and the United States, governing, controlling, or affecting District, or the property, funds, operations, or powers of District, and such provisions are by this reference made a part hereof. Any provision required by law to be included in this Contract shall be deemed to be inserted.

1.3. No Oral Agreements

No oral agreement or conversation with any officer, agent, or employee of District, either before or after execution of Contract, shall affect or modify any of the terms or obligations contained in the Contract Documents.

1.4. No Assignment

Contractor shall not assign the Contract or any part thereof including, without limitation, any services or money to become due without the prior written consent of the District. Assignment without District's prior written consent shall be null and void. Any assignment of money due or to be come due under the Contract shall be subject to a prior lien for services rendered or material supplied for Work performed in favor of all persons, firms, or corporations rendering services or supplying material to the extent that claims are filed pursuant to the Civil Code, Code of Civil Procedure, Government Code, Labor Code, and/or Public Contract Code, and shall also be subject to deductions for Liquidated Damages or withholding of payments as determined by District in accordance with the Contract. Contractor shall not assign or transfer in any manner to a Subcontractor or supplier the right to prosecute or maintain an action against the District.

1.5. Confidentiality

Contractor shall maintain the confidentiality of all information, documents, programs, procedures and all other items that Contractor encounters while performing the Work. This requirement shall be ongoing and shall survive the expiration or termination of the Contract and specifically includes, without limitation, all student, parent, and employee disciplinary information and health information.

1.6. Notice and Service Thereof

Any notice required by the Contract shall be in writing, dated and signed by the party giving notice or by a duly authorized representative of that party and pursuant to the provisions in the Agreement.

1.7. No Waiver

The failure of District in any one or more instances to insist upon strict performance of any term of the Contract or to exercise any District option shall not be construed as a waiver or relinquishment of the right to assert or rely upon any such term or option on a future occasion. No action or failure to act by

the District, Architect, or Construction Manager shall constitute a waiver of any right or duty afforded the District under the Contract, nor shall any action or failure to act constitute an approval of or acquiescence in any breach hereunder, except as may be specifically agreed in writing.

1.8. Substitutions for Specified Items

1.8.1. Requests for substitutions prior to award of the Contract shall be submitted within the time period indicated in the Instructions to Bidders.

1.8.2. Requests for substitutions after award of the Contract shall be submitted within **THIRTY-FIVE (35)** days of the date of the Notice of Award. This time period may be extended by the District only, in its sole discretion.

1.8.3. Whenever in the Specifications any materials, process, or article is indicated or specified by grade, patent, or proprietary name, or by name of manufacturer, that Specification shall be deemed to be followed by the words "or equal." Contractor may, unless otherwise stated, offer any material, process, or article that shall be substantially equal or better in every respect to that so indicated or specified.

1.8.3.1. If the material, process, or article offered by Contractor is not, in the opinion of the District, substantially equal or better in every respect to that specified, then Contractor shall furnish the material, process, or article specified in the Specifications without any additional compensation or change order.

1.8.3.2. This provision shall not be applicable with respect to any material, product, thing or service for which District made findings and gave notice in accordance with Public Contract Code section 3400(b); therefore, Contractor shall not be entitled to request a substitution with respect to those materials, products or services.

1.8.4. A request for a substitution shall be in writing and shall include:

1.8.4.1. All variations of the proposed substitute from the material specified including, but not limited to, principles of operation, materials, or construction finish, thickness or gauge of materials, dimensions, weight, and tolerances;

1.8.4.2. Available maintenance, repair or replacement services;

1.8.4.3. Increases or decreases in operating, maintenance, repair, replacement, and spare parts costs;

1.8.4.4. Whether or not acceptance of the substitute will require other changes in the Work (or in work performed by the District or others under Contract with the District); and

1.8.4.5. The time impact on any part of the Work resulting directly or indirectly from acceptance of the proposed substitute.

1.8.5. No substitutions shall be made until approved, in writing, by the District. The burden of proof as to equality of any material, process, or article shall rest with Contractor. The Contractor warrants that if substitutes are approved:

1.8.5.1. The proposed substitute is equal or superior in all respects to that specified, and that such proposed substitute is suitable and fit for the intended purpose and will perform adequately the function and achieve the results called for by the general design and the Contract Documents;

1.8.5.2. The Contractor provides the same warranties and guarantees for the substitute that would be provided for that specified;

1.8.5.3. The Contractor shall be fully responsible for the installation of the substitute and any changes in the Work required, either directly or indirectly, because of the acceptance of such substitute, with no increase in Contract Price or Contract Time. Incidental changes or extra component parts required to accommodate the substitute will be made by the Contractor without a change in the Contract Price or Contract Time;

1.8.5.4. The Contractor shall be responsible for any re-design costs occasioned by District's acceptance and/or approval of any substitute; and

1.8.5.5. The Contractor shall, in the event that a substitute is less costly than that specified, credit the District with one hundred percent (100%) of the net difference between the substitute and the originally specified material. In this event, the Contractor agrees to execute a deductive Change Order to reflect that credit.

1.8.6. In the event Contractor furnishes a material, process, or article more expensive than that specified, the difference in the cost of that material, process, or article so furnished shall be borne by Contractor.

1.8.7. In no event shall the District be liable for any increase in Contract Price or Contract Time due to any claimed delay in the evaluation of any proposed substitute or in the acceptance or rejection of any proposed substitute.

1.8.8. If the District approves a substitution after the award of the Contract, the District shall memorialize that approval in a Change Order or other applicable Contract modification process.

1.9. Materials and Work

1.9.1. Except as otherwise stated in the Contract, Contractor shall provide and pay for all materials, labor, tools, equipment, transportation, supervision, temporary constructions of every nature, and all other services, management, and facilities of every nature whatsoever necessary to execute and complete the Contract within the Contract Time.

1.9.2. Unless otherwise specified, all materials shall be new and the best of their respective kinds and grades as noted or specified, and workmanship shall be of good quality.

1.9.3. Materials shall be furnished in sufficient quantities and at such times as to ensure uninterrupted progress of Work and shall be stored properly and protected as required.

1.9.4. For all materials and equipment specified or indicated in the Drawings, the Contractor shall provide all labor, materials, equipment, and services necessary for complete assemblies and complete working systems, functioning as intended. Incidental items not indicated on Drawings, nor mentioned in the Specifications, that can legitimately and reasonably be inferred to belong to the Work described, or be necessary in good practice to provide a complete assembly or system, shall be furnished as though itemized here in every detail. In all instances, material and equipment shall be installed in strict accordance with each manufacturer's most recent published recommendations and specifications.

1.9.5. Contractor shall, after award of Contract by District and after relevant submittals have been approved, place orders for materials and/or equipment as specified so that delivery of same may be made without delays to the Work. Contractor shall, upon demand from District, present documentary evidence showing that orders have been placed.

1.9.6. District reserves the right but has no obligation, for any neglect in complying with the above instructions, to place orders for such materials and/or equipment as it may deem advisable in order that the Work may be completed at the date specified in the Agreement, and all expenses incidental to the procuring of said materials and/or equipment shall be paid for by Contractor or withheld from payment(s) to Contractor.

1.9.7. Contractor warrants good title to all material, supplies, and equipment installed or incorporated in Work and agrees upon Completion of all Work to deliver the Site to District, together with all improvements and appurtenances constructed or placed thereon by it, and free from any claims, liens, or charges. Contractor further agrees that neither it nor any person, firm, or corporation furnishing any materials or labor for any Work shall have any right to lien any portion of the Premises or any improvement or appurtenance thereon, except that Contractor may install metering devices or other equipment of utility companies or of political subdivision, title to which is commonly retained by utility company or political subdivision. In the event of installation of any such metering device or equipment, Contractor shall advise District as to owner thereof.

1.9.8. Nothing contained in this Article, however, shall defeat or impair the rights of persons furnishing materials or labor under any bond given by Contractor for their protection or any rights under law permitting such protection or any rights under law permitting such persons to look to funds due Contractor in hands of District (e.g., stop payment notices). This provision shall be inserted in all subcontracts and material contracts and notice of its provisions shall be given to all persons furnishing material for work when no formal contract is entered into for such material.

1.9.9. Title to new materials and/or equipment for the Work and attendant liability for its protection and safety shall remain with Contractor until incorporated in the Work of this Contract and accepted by District. No part of any materials and/or equipment shall be removed from its place of storage except for immediate installation in the Work. Contractor shall keep an accurate inventory of all materials and/or equipment in a manner satisfactory to District or its authorized representative and shall, at the District's request, forward it to the District.

1.9.10. Contractor certifies that it shall comply with the recycled product requirements of Public Contract Code section 22150, et seq., including, without limitation, section 22154 which states, "All businesses shall certify in writing to the contracting officer, or his or her representative, the minimum, if not exact, percentage of postconsumer material in the products, materials, goods, or supplies being offered or sold to any local public entity."

2. DISTRICT

2.1. The governing board of the District or its designees will act for the District in all matters pertaining to the Contract.

2.2. The District may, at any time,

2.2.1. Direct the Contractor to communicate with or provide notice to the Construction Manager or the Architect on matters for which the Contract Documents indicate the Contractor will communicate with or provide notice to the District; and/or

2.2.2. Direct the Construction Manager or the Architect to communicate with or direct the Contractor on matters for which the Contract Documents indicate the District will communicate with or direct the Contractor.

2.3. District's Rights if Contractor Fails to Perform. If the District at any time believes that the Contractor is behind schedule, is failing to construct the Project pursuant to the Contract Documents or is otherwise failing to perform any provisions of this Contract, the District, after **FORTY-EIGHT (48)** hours written

notice to the Contractor, may take any action necessary or beneficial to the District to complete the Project, takeover the Work of the Contract, terminate or suspend the Contract as indicated herein, or any combination or portion of those actions. The Contractor and the Surety shall be liable to the District for any cost incurred by the District in those actions and the District has the right to deduct the cost thereof from any payment then or thereafter due the Contractor.

3. ARCHITECT

- 3.1. Architect shall have the authority to act on behalf of District to the extent expressly provided in the Contract Documents and to the extent determined by District to, among other things, observe the progress and quality of the Work on behalf of the District.
- 3.2. Architect shall have authority to reject materials, workmanship, and/or the Work whenever rejection may be necessary, in Architect's reasonable opinion, to insure the proper execution of the Contract and if Work is defective or does not conform to the requirements of the Contract Documents. Whenever the Architect considers it necessary or advisable, for implementation of the intent of the Contract Documents, the Architect will have authority to require additional inspections or testing of the Work, whether or not such Work is fabricated, installed or completed. Neither this authority of the Architect nor a decision made in good faith by the Architect to exercise or not to exercise that authority shall give rise to a duty or responsibility to the Contractor, Subcontractors, material suppliers, their agents or employees, or other persons performing portions of the Work.
- 3.3. Architect shall, with the District and on behalf of the District, determine the amount, quality, acceptability, and fitness of all parts of the Work, and interpret the Specifications, Drawings, and shall, with the District, interpret all other Contract Documents.
- 3.4. Architect shall have all authority and responsibility established by law, including title 24 of the California Code of Regulations.
- 3.5. Contractor shall provide District and the Construction Manager with a copy of all written communication between Contractor and Architect at the same time as that communication is made to Architect, including, without limitation, all RFIs, correspondence, submittals, claims, and proposed change orders.

4. CONSTRUCTION MANAGER

- 4.1. If a Construction Manager is used on this Project, the Construction Manager will provide administration of the Contract on the District's behalf. After execution of the Contract and Notice to Proceed, all correspondence and/or instructions from Contractor and/or District shall be forwarded through the Construction Manager. The Construction Manager will not be responsible for and will not have control or charge of construction means, methods, techniques, sequences, or procedures or for safety precautions in connection with the Work, which shall all remain the Contractor's responsibility.
- 4.2. Construction Manager, however, will have authority to reject materials and/or workmanship not conforming to the Contract Documents, as determined by the District, the Architect, and/or the Project Inspector. Construction Manager shall also have the authority to require special inspection or testing of any portion of the Work, whether it has been fabricated, installed, or fully completed. Any decision made by Construction Manager, in good faith, shall not give rise to any duty or responsibility of the Construction Manager to the Contractor, any Subcontractor, their agents, employees, or other persons performing any of the Work. Construction Manager shall have free access to all parts of Work at any time.
- 4.3. If the District does not use a Construction Manager on this Project, all references to Construction Manager or CM shall be read as District.

5. INSPECTOR, INSPECTIONS AND TESTS

5.1. Project Inspector

5.1.1. One or more Project Inspector(s), including special Project Inspector(s), as required, will be assigned to the Work by District, in accordance with requirements of title 24, part 1, of the California Code of Regulations, to enforce the building code and monitor compliance with Plans and Specifications for the Project previously approved by the DSA. Duties of Project Inspector(s) are specifically defined in section 4-342 of said part 1 of title 24.

5.1.2. No Work shall be carried on except with the knowledge and under the inspection of the Project Inspector(s). The Project Inspector(s) shall have free access to all parts of Work at any time. Contractor shall furnish Project Inspector(s) reasonable opportunities for obtaining such information as may be necessary to keep Project Inspector(s) fully informed respecting progress and manner of work and character of materials. Inspection of Work shall not relieve Contractor from the obligation to fulfill the Contract. Project Inspector(s) and the DSA are authorized to stop work whenever the Contractor and/or its Subcontractor(s) are not complying with the Contract Documents. Any work stoppage by the Project Inspector(s) and/or DSA shall be without liability to the District. Contractor shall instruct its Subcontractors and employees accordingly.

5.1.3. If Contractor and/or any Subcontractor requests that the Project Inspector(s) perform any inspection off-site, this shall only be done if it is allowable pursuant to applicable regulations and DSA, if the Project Inspector(s) agree to do so, and at the expense of the Contractor.

5.1.4. Limitations on Project Inspector Authority. The Project Inspector does not have authority to interpret the Contract Documents or to modify the Work depicted in the Contract Documents. No Work inconsistent with the Contract Documents shall be performed solely on the basis of the direction of the Project Inspector, and the Contractor shall be liable to the District for the consequences of all Work performed on such basis.

5.2. Tests and Inspections

5.2.1. Tests and Inspections shall comply with title 24, part 1, California Code of Regulations, group 1, article 5, section 4-335, and with the provisions of the Specifications.

5.2.2. If the Contract Documents, laws, ordinances or any public authority with jurisdiction over the Work requires the Work, or any portion thereof, to be specially tested, inspected or approved, the Contractor shall give the Architect, the Construction Manager and the Project Inspector written notice of the readiness of such Work for observation, testing or inspection at least seventy-two (72) hours prior to the time for the conducting of such test, inspection or observation. If inspection, testing or observation is by authority other than the District, the Contractor shall inform the Project Inspector and the Construction Manager not less than seventy-two (72) hours prior to the date fixed for such inspection, test or observation. The Contractor shall not cover up any portion of the Work subject to tests, inspections or observations prior to the completion and satisfaction of the requirements of such test, inspection or observation. In the event that any portion of the Work subject to tests, inspection or approval shall be covered up by Contractor prior to completion and satisfaction of the requirements of such tests, inspection or approval, Contractor shall be responsible for the uncovering of such portion of the Work as is necessary for performing such tests, inspection or approval without adjustment of the Contract Price or the Contract Time on account thereof.

5.2.3. The District will select an independent testing laboratory to conduct the tests. Selection of the materials required to be tested shall be by the laboratory or the District's representative and not by the Contractor. The Contractor shall notify the District's representative a sufficient time in advance of its readiness for required observation or inspection.

5.2.4. The Contractor shall notify the District's representative a sufficient time in advance of the

manufacture of material to be supplied under the Contract Documents, that must by terms of the Contract Documents be tested, in order that the District may arrange for the testing of same at the source of supply. This notice shall be, at a minimum, seventy-two (72) hours prior to the manufacture of the material that must be tested.

5.2.5. Any material shipped by the Contractor from the source of supply prior to having satisfactorily passed required testing and inspection or prior to the receipt of notice from the representative that testing and inspection will not be required, shall not be incorporated into and/or onto the Project.

5.2.6. The District will select and pay testing laboratory costs for all tests and inspections. Costs of tests of any materials found to be not in compliance with the Contract Documents shall be paid for by the District and reimbursed by the Contractor or deducted from the Contract Price.

5.3. Costs for After Hours and/or Off Site Inspections

5.3.1. If the Contractor performs Work outside the Inspector's regular working hours, over a period of more than eight (8) hours per day by any single person, on weekends/holidays or requests the Inspector to perform inspections off Site, then the costs of any inspections required outside regular working hours, over a period of more than eight (8) hours per day by any single person, on weekends/holidays or off Site, shall be borne by the Contractor and may be invoiced to the Contractor by the District or the District may deduct those expenses from the next Progress Payment.

6. CONTRACTOR

Contractor shall construct the Work for the Contract price including any adjustment(s) to the Contract Price pursuant to provisions herein regarding changes to the Contract Price. Except as otherwise noted, Contractor shall provide and pay for all labor, materials, equipment, permits, fees, licenses, facilities, transportation, taxes, and services necessary for the proper execution and Completion of the Work, except as indicated herein.

6.1. Status of Contractor

6.1.1. Contractor is and shall at all times be deemed to be an independent contractor and shall be wholly responsible for the manner in which it and its Subcontractors perform the services required of it by the Contract Documents. Nothing herein contained shall be construed as creating the relationship of employer and employee, or principal and agent, between the District, or any of the District's employees or agents, and Contractor or any of Contractor's Subcontractors, agents or employees. Contractor assumes exclusively the responsibility for the acts of its employees as they relate to the services to be provided during the course and scope of their employment. Contractor, its Subcontractors, agents, and its employees shall not be entitled to any rights or privileges of District employees. District shall be permitted to monitor the Contractor's activities to determine compliance with the terms of the Contract.

6.1.2. As required by law, Contractor and all Subcontractors shall be properly licensed and regulated by the Contractor's State License Board, located at 9821 Business Park Drive, , Sacramento, California 95827, with a mailing address of Post Office Box 26000, Sacramento, California, and with a website at <http://www.cslb.ca.gov>.

6.2. Contractor's Supervision

6.2.1. During progress of the Work, Contractor shall keep on the Premises, and at all other locations where any Work related to the Contract is being performed, a competent project manager and construction superintendent who are employees of the Contractor, to whom the District does not object and at least one of whom shall be fluent in English, written and verbal.

6.2.2. The project manager and construction superintendent shall both speak fluently the predominant language of the Contractor's employees.

6.2.3. Before commencing the Work, Contractor shall give written notice to District of the name of its project manager and construction superintendent. Neither the Contractor's project manager nor construction superintendent shall be changed except with prior written notice to District, unless the Contractor's project manager and/or construction superintendent proves to be unsatisfactory to Contractor, District, any of the District's employees, agents, the Construction Manager, or the Architect, in which case, Contractor shall notify District in writing. District retains the right to reasonably refuse Contractor's replacement personnel. The Contractor's project manager and construction superintendent shall each represent Contractor, and all directions given to Contractor's project manager and/or construction superintendent shall be as binding as if given to Contractor.

6.2.4. Contractor shall give efficient supervision to Work, using its best skill and attention. Contractor shall carefully study and compare all Contract Documents, Drawings, Specifications, and other instructions and shall at once report to District, Construction Manager, and Architect any error, inconsistency, or omission that Contractor or its employees and Subcontractors may discover, in writing, with a copy to District's Project Inspector(s). The Contractor shall have responsibility for discovery of errors, inconsistencies, or omissions.

6.2.5. The Contractor's project manager shall devote sufficient time to the Project on site, and in the Contractor's home office to pre-plan activities to meet the Construction Schedule and fulfill all Contract obligations. This includes making timely submittals, issuing and disseminating necessary RFI's, promptly processing and distributing bulletins, change orders and payments, keeping required logs current etc. If any of these activities fall behind contract requirements or dates necessary to complete the Project on time, the Contractor must provide a full time project manager on the Project Site dedicated solely to the Project, until the deficiencies are corrected.

6.2.6. The Contractor shall verify all indicated dimensions before ordering materials or equipment, or before performing Work. The Contractor shall take field measurements, verify field conditions, and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Project Documents before commencing work. Errors, inconsistencies or omissions discovered shall be immediately reported to the District. Upon commencement of any item of Work, the Contractor shall be responsible for dimensions related to the Work and shall make any corrections necessary to make Work properly fit at no additional cost to District. This responsibility for verification of dimensions is a non-delegable duty and may not be delegated to subcontractors or agents.

6.2.7. Omissions from the Drawings or Specifications, or the misdescription of details of Work which are manifestly necessary to carry out the intent of the Drawings and Specifications, or which are customarily performed, shall not relieve the Contractor from performing such omitted or misdescribed Work, but they shall be performed as if fully and correctly set forth and described in the Drawings and Specifications.

6.2.8. The Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. The Contractor shall be responsible to see that the finished Work complies accurately with the Contract Documents.

6.3. Duty to Provide Fit Workers

6.3.1. Contractor and Subcontractor(s) shall at all times enforce strict discipline and good order among their employees and shall not employ or work any unfit person or anyone not skilled in work assigned to that person. It shall be the responsibility of Contractor to ensure compliance with this requirement. District may require Contractor to permanently remove unfit persons from Project Site.

6.3.2. COVID-19. Contractor shall ensure that all its employees and employees of its subcontractors shall comply with all applicable and existing federal, state, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety in connection with COVID-19, and/or any similar virus or derivative strain.

6.3.3. Any person in the employ of Contractor or Subcontractor(s) whom District may deem incompetent or unfit shall be excluded from working on the Project and shall not again be employed on the Project except with the prior written consent of District.

6.3.4. The Contractor shall furnish labor that can work in harmony with all other elements of labor employed or to be employed in the Work.

6.3.5. If Contractor intends to make any change in the name or legal nature of the Contractor's entity, Contractor must first notify the District. The District shall determine if Contractor's intended change is permissible while performing the Contract.

6.3.6. Compliance with Immigration Reform and Control Act of 1986. As required by law, Contractor and all Subcontractors shall employ individuals for the Work in conformity with the Immigration Reform and Control Act of 1986, 8 USC §§1101 et seq.

6.4. Personnel

6.4.1. Contractor, Contractor's employees, Subcontractors, Subcontractors' employees, or any person associated with the Work shall conduct themselves in a manner appropriate for a school site. The District will not permit any (1) verbal or physical contact with neighbors, students, and faculty; (2) profanity, or inappropriate attire or behavior; (3) photographing, videoing, or audio recording of any neighbors, students, and faculty or any posting of any photographs, videos, or audio recordings of any neighbors, students, and faculty on any internet site, social media platform of any kind, regardless of source of any photograph, video, or audio recording. District may require Contractor to permanently remove noncomplying persons from Project Site.

6.4.2. The Contractor shall employ a full-time superintendent and necessary assistants who shall have complete authority to represent and act on behalf on the Contractor on all matters pertaining to the Work. The superintendent shall be competent and have a minimum of five (5) years' experience in construction supervision on projects of similar scale and complexity. The superintendent shall be satisfactory to the District and, if not satisfactory, shall be replaced by the Contractor with one that is acceptable to the District. The superintendent shall not be changed without the written consent of the District unless the superintendent ceases to be employed by the Contractor.

6.4.3. The Contractor shall employ a competent estimator and necessary assistants, or contract for sufficient services of an estimating consultant and to process proposed change orders. The estimator shall have a minimum of five (5) years' experience in estimating. The estimator shall be satisfactory to the District and, if not satisfactory, shall be replaced by the Contractor with one that is acceptable. The Contractor shall submit PCO's requested by the District within fourteen (14) calendar days.

6.4.4. The Contractor shall employ a competent scheduler and necessary assistants, or contract for sufficient services of a scheduling consultant. The scheduler shall have a minimum of five (5) years' experience in scheduling. The scheduler shall be satisfactory to the District and, if not satisfactory, shall be replaced by the Contractor with one that is acceptable.

6.4.5. Contractor shall at all times enforce strict discipline and good order among Contractor's employees, and shall not employ on the Project any unfit person or anyone not skilled in the task assigned.

6.4.6. If Contractor or any Subcontractor on the Project site fails to comply with any provision herein, the District may have the offending person(s) immediately removed from the Site, and the person(s) shall be replaced within three (3) days, at no additional expense to the District. Contractor, on behalf of it and its Subcontractors, hereby waives any claim that the provisions of this paragraph or the enforcement thereof interferes, or has the potential to interfere, with its right to control the means and methods of its performance and duties under this Contract.

6.5. Prohibition on Harassment

6.5.1. In addition to the non-discrimination requirements in the Contract Documents, the Contractor and all Subcontractors must comply with these provisions prohibiting harassment at the Site. The District is committed to providing a campus and workplace free of sexual harassment and harassment based on factors such as race, color religion, national origin, ancestry, age, medical condition, marital status, disability or veteran status. Harassment includes without limitation, verbal, physical or visual conduct which creates an intimidating, offensive or hostile environment such as racial slurs; ethnic jokes; posting of offensive statements, posters or cartoons or similar conduct. Sexual harassment includes without limitation the solicitation of sexual favors, unwelcome sexual advances, or other verbal, visual or physical conduct of a sexual nature.

6.5.2. Contractor shall take all reasonable steps to prevent harassment from occurring, including without limitation affirmatively raising the subject of harassment among its employees, expressing strong disapproval of any form of harassment, developing appropriate sanctions, informing employees of their right to raise and how to raise the issue of harassment and informing complainants of the outcome of an investigation into a harassment claim.

6.5.3. Contractor shall not permit any person, whether employed by Contractor or a Subcontractor or any other person or entity, performing any Work at or about the Site to engage in any prohibited form of harassment. Any person performing or providing Work on or about the Site engaging in a prohibited form of harassment directed to any student, faculty member or staff of the District or directed to any other person on or about the Site shall be subject to immediate removal and shall be prohibited thereafter from providing or performing any portion of the Work. Upon the District's receipt of any notice or complaint that any person employed directly or indirectly by Contractor on any Subcontractor in performing or providing the Work has engaged in a prohibited form of harassment, the District will promptly undertake an investigation of such notice or complaint. In the event that the District, after such investigation, reasonably determines that a prohibited form of harassment has occurred, the District shall promptly notify the Contractor of the same and direct that the person engaging in such conduct be immediately removed from the Site. Unless the District's determination that a prohibited form of harassment has occurred is grossly negligent or without reasonable cause, District shall have no liability for directing the removal of any person determined to have engaged in a prohibited form of harassment nor shall the Contract Price or the Contract Time be adjusted on account thereof. The indemnity provisions of the Contract Documents apply to any assertion by any person dismissed from performing or providing work at the direction of the District pursuant to this provision; or (ii) the assertion by any person that any person directly or indirectly under the employment or direction of the Contractor has engaged in a prohibited form of harassment directed to or affecting such person. The obligations of the Contractor and the Surety under the preceding sentence are in addition to, and not in lieu of, any other obligation of defense, indemnity and hold harmless whether arising under the Contract Documents, at law or otherwise; these obligations survive completion of the Work or the termination of the Contract.

6.6. Conferences and Meetings.

6.6.1. In addition to the conference and meeting requirements in the Specifications, Contractor's supervisory personnel for the Work and the Contractor's management personnel shall attend all required meetings as required by the Contract Documents or as requested by the District. The Contractor's personnel participating in conferences and meetings relating to the Work shall be authorized to act on

behalf of the Contractor and to bind the Contractor. The Contractor is solely responsible for arranging for the attendance by Subcontractors and Material Suppliers at meetings and conferences relating to the Work as necessary, appropriate or as requested by the District.

6.6.2. Preconstruction Conference. The Contractor's representatives (and representatives of Subcontractors as requested by the District) shall attend a preconstruction conference at such time and place as designated by the District. The preconstruction conference will generally address the requirements of the Work and Contract Documents, and to establish construction procedures. Subject matters of the preconstruction conference will include as appropriate: (a) administrative matters, including an overview of the respective responsibilities of the District, Architect, Construction Manager, Contractor, Subcontractors, Project Inspector, and others performing any part of the Work or services relating to the Work; (b) Submittals; (c) Changes; (d) employment practices, including Certified Payroll preparation and submission and prevailing wage rate responsibilities of the Contractor and Subcontractors; (e) Progress Schedule development and maintenance; (f) development of Schedule of Values and payment procedures; (g) implementation of BIM, if applicable; (h) communication procedures, including the handling of Requests for Information; (i) emergency and safety procedures; (j) Site visitor policies; (k) conduct of Contractor/Subcontractor personnel at the Site; and (l) Completion, Punchlist and closeout procedures.

6.6.3. Progress Meetings. Progress meetings will be conducted on regular intervals (weekly unless otherwise expressly indicated elsewhere in the Contract Documents). The Contractor's representatives and representatives of Subcontractors (as requested by the District) shall attend progress meetings. Progress Meetings will be chaired by the District or the Construction Manager and will generally include as agenda items: Site safety, field issues, coordination of Work, construction progress and impacts to timely Completion, if any. The purposes of the progress meetings include: a formal and regular forum for discussion of the status and progress of the Work by all Project participants, a review of progress or resolution of previously raised issues and action items assigned to the Project participants, and reviews of the Progress schedule and submittals. Contractor shall prepare and submit at each progress meeting a three (3) week look-ahead schedule identifying all planned activities for the next three (3) weeks and any deviations from activities in the current Construction Schedule.

6.6.4. Special Meetings. As deemed necessary or appropriate by the District, special meetings will be conducted with the participation of the Contractor, Subcontractors and other Project participants as requested by the District.

6.6.5. Minutes of Meetings. following conclusion of the preconstruction conference, progress meetings and special meetings, the Architect or the Construction Manager will prepare and distribute minutes reflecting the items addressed and actions taken at a meeting or conference. Unless the Contractor notifies the Architect and the Construction Manager in writing of objections or corrections to minutes prepared hereunder within five (5) days of the date of distribution of the minutes, the minutes as distributed shall constitute the official record of the meeting or conference. No objections or corrections of any Subcontractor or Material Supplier shall be submitted directly to the Architect or the Construction Manager; such objections or corrections shall be submitted to the Architect and the Construction Manager through the Contractor. If the Contractor timely interposes objections or notes corrections, the resolution of such matters shall be addressed at the next scheduled progress meeting.

6.7. Purchase of Materials and Equipment

6.7.1. The Contractor is required to order and obtain materials and equipment sufficiently in advance of its Work at no additional cost or advance payment from District to ensure against price escalations or delays. All materials and equipment shall be stored on-Site and secured by Contractor unless otherwise approved in writing by the District.

6.7.2. Off-Site Storage of Materials and Equipment Only Upon District's Written Consent. If

Contractor intends to store materials and/or equipment off site after District has paid for those materials and/or equipment, Contractor must first obtain the District's express, written consent. If Contractor receives District's consent to store materials and/or equipment off site ("Stored Materials"), Contractor shall comply with all of the following:

6.7.2.1. Property of Others Insurance. Contractor shall procure and maintain, during the entire time Stored Materials are in off-site storage, insurance coverage acceptable to the District that shall protect Contractor and District from all claims for Stored Materials that are lost, stolen, or damaged. The District shall be named as a loss payee for this insurance coverage. The insurance coverage shall include a "loss payable endorsement" stating that all amounts payable will be paid as a joint-check to the Contractor and District. If approved in advance by District, this required insurance may be obtained by an "Employee Theft Protection Insurance Policy" or an "Employee Theft Protection Bond."

6.7.2.2. Payment for Stored Materials. District shall only make payment to Contractor for Stored Materials if agreed upon in advance, in writing, by the District and provided that Contractor submits an itemized list of all Stored Materials with Contractor's Application for Payment. Contractor's itemized list of all Stored Materials shall be supported by all of the following:

6.7.2.2.1. Itemized breakdown of the Stored Materials for the purpose of requesting partial payment, identifying the serial numbers and exact storage location of each piece of equipment and material; and

6.7.2.2.2. Verified invoices for the Stored Materials; and

6.7.2.2.3. Original copy of Property of Others Insurance, Employee Theft Protection Insurance Policy, or an Employee Theft Protection Bond based on the type of insurance required by the District. These documents shall include certificates and endorsements stating the coverage and that the District is a loss payee or obligee, as appropriate.

6.7.2.2.4. An express, signed document from Contractor indicating that the District may, at any time and at its sole discretion, have unhindered and unqualified access to all Stored Materials and to remove the Stored Materials.

6.8. Documents on Work

6.8.1. Contractor shall at all times keep on the Work Site, or at another location as the District may authorize in writing, one legible copy of all Contract Documents, including Addenda and Change Orders, and current titles 19 and 24 of the California Code of Regulations, the specified edition(s) of the California Building Standards Code (electronic versions are acceptable), all approved Drawings, Plans, Schedules, and Specifications, and all codes and documents referred to in the Specifications, and made part thereof. These documents shall be kept in good order and available to District, Construction Manager, Architect, Architect's representatives, the Project Inspector(s), and all authorities having jurisdiction. Contractor shall be acquainted with and comply with the provisions of these titles as they relate to this Project. (See particularly the duties of Contractor, title 24, part 1, California Code of Regulations, section 4-343.) Contractor shall also be acquainted with and comply with all California Code of Regulations provisions relating to conditions on this Project, particularly titles 8 and 17. Contractor shall coordinate with Architect and Construction Manager and shall submit its verified report(s) according to the requirements of title 24.

6.8.2. Daily Job Reports.

6.8.2.1. Contractor shall maintain, at a minimum, at least one (1) set of Daily Job Reports on the

Project. These must be prepared by the Contractor's employee(s) who are present on Site, and must include, at a minimum, the following information:

- 6.8.2.1.1. A brief description of all Work performed on that day.
- 6.8.2.1.2. A summary of all other pertinent events and/or occurrences on that day.
- 6.8.2.1.3. The weather conditions on that day.
- 6.8.2.1.4. A list of all Subcontractor(s) working on that day,
- 6.8.2.1.5. A list of each Contractor employee working on that day and the total hours worked for each employee.
- 6.8.2.1.6. A complete list of all equipment on Site that day, whether in use or not.
- 6.8.2.1.7. A complete list of all materials, supplies, and equipment delivered on that day.
- 6.8.2.1.8. A complete list of all inspections and tests performed on that day.

6.8.2.2. Each day Contractor shall provide a copy of the previous day's Daily Job Report to the District or the District's Construction Manager.

6.9. Preservation of Records

District shall have the right to examine and audit all Daily Job Reports or other Project records of Contractor's project manager(s), project superintendent(s), and/or project foreperson(s), all certified payroll records and/or related documents including, without limitation, payroll, payment, timekeeping and tracking documents; all books, estimates, records, contracts, documents, bid documents, bid cost data, subcontract job cost reports, and other data of the Contractor, any Subcontractor, and/or supplier, including computations and projections related to bidding, negotiating, pricing, or performing the Work or Contract modification, in order to evaluate the accuracy, completeness, and currency of the cost, manpower, coordination, supervision, or pricing data at no additional cost to the District. These documents may be duplicative and/or be in addition to any Bid Documents held in escrow by the District. Contractor shall make available at its office at all reasonable times the materials described in this paragraph for the examination, audit, or reproduction until three (3) years after final payment under this Contract. Notwithstanding the provisions above, Contractor shall provide any records requested by any governmental agency, if available, after the time set forth above.

6.10. Integration of Work

6.10.1. Contractor shall do all cutting, fitting, patching, and preparation of Work as required to make its several parts come together properly, to fit it to receive or be received by work of other contractors, and to coordinate tolerances to various pieces of work, showing upon, or reasonably implied by, the Drawings and Specifications for the completed structure, and shall conform them as District and/or Architect may direct.

6.10.2. All cost caused by defective or ill-timed Work shall be borne by Contractor, inclusive of repair work.

6.10.3. Contractor shall not endanger any work performed by it or anyone else by cutting, excavating, or otherwise altering work and shall not cut or alter work of any other contractor except with written consent of District.

6.11. Obtaining of Permits and Licenses

6.11.1. Contractor shall secure and pay for all permits, licenses, and certificates. Contractor must review the Special Conditions for any changes or exceptions to this provision.

6.12. Work to Comply with Applicable Laws and Regulations

6.12.1. Contractor shall give all notices and comply with all applicable laws, ordinances, rules, and regulations relating to the Work, including the specific laws, ordinances, rules, and regulations as indicated and specified in the Contract Documents and identified below, including but not limited to the appropriate statutes and administrative code sections. If Contractor observes that Drawings and Specifications are at variance therewith, or should Contractor become aware of the development of conditions not covered by Contract Documents that will result in finished Work being at variance therewith, Contractor shall promptly notify District in writing and any changes deemed necessary by District shall be made as provided in Contract for changes in Work.

6.12.1.1. National Electrical Safety Code, U. S. Department of Commerce

6.12.1.2. National Board of Fire Underwriters' Regulations

6.12.1.3. California Building Standards Code , latest addition, and the California Code of Regulations, Title 24, including amendments

6.12.1.4. Manual of Accident Prevention in Construction, latest edition, published by A.G.C. of America

6.12.1.5. Industrial Accident Commission's Safety Orders, State of California

6.12.1.6. Regulations of the State Fire Marshall (title 19, California Code of Regulations) and Pertinent Local Fire Safety Codes

6.12.1.7. Americans with Disabilities Act

6.12.1.8. Education Code of the State of California

6.12.1.9. Government Code of the State of California

6.12.1.10. Labor Code of the State of California, division 2, part 7, Public Works and Public Agencies

6.12.1.11. Public Contract Code of the State of California

6.12.1.12. California Art Preservation Act

6.12.1.13. U. S. Copyright Act

6.12.1.14. U. S. Visual Artists Rights Act

6.12.2. Contractor shall comply will all applicable mitigation measures, if any, adopted by any public agency with respect to this Project pursuant to the California Environmental Quality Act ("CEQA") (Public Resources Code sections 21000 et. seq.) (Also see the Special Conditions.)

6.12.3. If Contractor performs any Work that it knew, or through exercise of reasonable care should have known, to be contrary to any applicable laws, ordinance, rules, or regulations, Contractor shall bear all costs arising therefrom.

6.12.4. Where Specifications or Drawings state that materials, processes, or procedures must be approved by the DSA, State Fire Marshall, or other body or agency, Contractor shall be responsible for satisfying requirements of such bodies or agencies.

6.13. Safety/Protection of Persons and Property

6.13.1. Contractor will be solely and completely responsible for conditions of the Work Site, including safety of all persons and property during performance of the Work. This requirement will apply continuously and not be limited to normal working hours.

6.13.2. COVID-19. Contractor is responsible for complying with all applicable and existing federal, state, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety in connection with COVID-19, and/or any similar virus or derivative strain. Contractor shall ensure it has supervisor employees onsite that are trained and knowledgeable of all of these requirements to ensure full compliance on Project Site(s).

6.13.3. The wearing of hard hats will be mandatory at all times for all personnel on Site. Contractor shall supply sufficient hard hats to properly equip all employees and visitors.

6.13.4. Any construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's safety measures in, on, or near the Work Site.

6.13.5. Implementation and maintenance of safety programs shall be the sole responsibility of the Contractor.

6.13.6. Contractor shall furnish to the District a copy of the Contractor's safety plan within the time frame indicated in the Contract Documents and specifically adapted for the Project.

6.13.7. Contractor shall be responsible for all damages to persons or property that occur as a result of its fault or negligence in connection with the performance of the Contract and shall take all necessary measures and be responsible for the proper care and completion and final acceptance by District. All Work shall be solely at Contractor's risk with the exception of damage to the Work caused by "acts of God" as defined in Public Contract Code section 7105.

6.13.8. Contractor shall take, and require Subcontractors to take, all necessary precautions for safety of workers on the Project and shall comply with all applicable federal, state, local, and other safety laws, standards, orders, rules, regulations, and building codes to prevent accidents or injury to persons on, about, or adjacent to premises where Work is being performed and to provide a safe and healthful place of employment. Contractor shall furnish, erect, and properly maintain at all times, all necessary safety devices, safeguards, construction canopies, signs, nets, barriers, lights, and watchmen for protection of workers and the public and shall post danger signs warning against hazards created by such features in the course of construction.

6.13.9. Hazards Control. Contractor shall store volatile wastes in covered metal containers and remove them from the Site daily. Contractor shall prevent accumulation of wastes that create hazardous conditions. Contractor shall provide adequate ventilation during use of volatile or noxious substances.

6.13.10. Contractor shall designate a responsible member of its organization on the Project, whose duty shall be to post information regarding protection and obligations of workers and other notices required under occupational safety and health laws, to comply with reporting and other occupational safety requirements, and to protect the life, safety, and health of workers. Name and position of person so designated shall be reported to District by Contractor.

6.13.11. Contractor shall correct any violations of safety laws, rules, orders, standards, or regulations.

Upon the issuance of a citation or notice of violation by the Division of Occupational Safety and Health, Contractor shall correct such violation promptly.

6.13.12. Storm Water. Contractor shall comply with the District's Storm Water Pollution Prevention Plan (SWPPP) and, if indicated in the Special Conditions, shall be the District's Qualified SWPPP Practitioner, at no additional cost to the District.

6.13.13. In an emergency affecting safety of life or of work or of adjoining property, Contractor, without special instruction or authorization, shall act, at its discretion, to prevent such threatened loss or injury. Any compensation claimed by Contractor on account of emergency work shall be determined by agreement.

6.13.14. All salvage materials will become the property of the Contractor and shall be removed from the Site unless otherwise called for in the Contract Documents. The District reserves the right to designate certain items of value that shall be turned over to the District.

6.13.15. All connections to public utilities and/or existing on-site services shall be made and maintained in such a manner as to not interfere with the continuing use of same by the District during the entire progress of the Work.

6.13.16. Contractor shall provide such heat, covering, and enclosures as are necessary to protect all Work, materials, equipment, appliances, and tools against damage by weather conditions, such as extreme heat, cold, rain, snow, dry winds, flooding, or dampness.

6.13.17. Contractor shall protect and preserve the Work from all damage or accident, providing temporary roofs, window and door coverings, boxing, or other construction as needed. Contractor shall be responsible for existing structures, walks, roads, trees, landscaping, materials, equipment, furnishings, and/or improvements in working areas; and shall provide adequate protection therefor. If temporary removal is necessary of any of the above items, or damage occurs due to the Work, the Contractor shall replace same at its expense with same kind, quality, and size of Work or item damaged. This shall include any adjoining property of the District and others.

6.13.18. Contractor shall take adequate precautions to protect existing roads, sidewalks, curbs, pavements, utilities, adjoining property, and structures (including, without limitation, protection from settlement or loss of lateral support), and to avoid damage thereto, and repair any damage thereto caused by construction operations.

6.13.19. Contractor shall confine apparatus, the storage of materials, and the operations of workers to limits indicated by law, ordinances, permits, or directions of the District, and shall not interfere with the Work or unreasonably encumber Premises or overload any structure with materials. Contractor shall enforce all instructions of District and Architect regarding signs, advertising, fires, and require that all workers comply with all regulations while on Project Site.

6.13.20. Contractor shall take care to prevent disturbing or covering any survey markers, monuments, or other devices marking property boundaries or corners. If such markers are disturbed, Contractor shall have a civil engineer, registered as a professional engineer in California, replace them at no cost to District.

6.13.21. In the event that the Contractor enters into any agreement with owners of any adjacent property to enter upon the adjacent property for the purpose of performing the Work, Contractor shall fully indemnify, defend, and hold harmless each person, entity, firm, or agency that owns or has any interest in adjacent property. The form and content of the agreement of indemnification shall be approved by the District prior to entering the adjacent property. The Contractor shall also indemnify the District as provided in the indemnification provision herein. These provisions shall be in addition to any other

requirements of the owners of the adjacent property.

6.13.22. Infectious Disease Compliance Provisions

6.13.22.1. Compliance with Orders. Contractor and its Subcontractors, agents and employees thereof, are responsible for complying with all applicable and existing federal, State, and/or local statutes, orders, rules, regulations, ordinances, and/or directives in any way relating to construction site safety, the Work, the Project, and Site, in connection with any infectious and communicable disease in any form, whether bacterial or viral, including, without limitation, MSRA, influenza, COVID-19, and/or any similar virus or derivative strain ("**Infectious Disease(s)**"). Contractor shall ensure it has supervisor employees onsite that are trained and knowledgeable of all these requirements to ensure full compliance on Site and the Work. Contractor's obligations hereunder shall include, without limitation providing personal protective equipment ("PPE") to its employees and to ensure that its subcontractors provide PPE equipment to its employees to prevent the spread of an Infectious Disease at the Project Site(s).

6.13.22.2. Infectious Disease and Contract Time. Contractor agrees that the Contract Time is based on Contractor's full compliance with all applicable and existing federal, State, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety, the Work, the Project, and the Site in connection with an Infectious Disease. Any dispute concerning the Contract Time in connection with any delay associated with an Infectious Disease shall be resolved pursuant to the Claims procedures in these General Conditions.

6.13.22.3. Infectious Disease Release. Contractor acknowledges that it is voluntarily and freely entering into the Contract for this Project and deciding to perform the Work which will require Contractor to enter upon and into the Site and that Contractor use of the Site includes the possible exposure to and illness from an Infectious Disease. Contractor further acknowledges the dangers involved and with full knowledge of these dangers, voluntarily agrees to assume all risks of bodily injury, death, or property damage, whether those risks are known or unknown. Contractor hereby releases District, its agents, representatives, officers, consultants, employees, trustees, and volunteers from any and all liabilities, causes of action, lawsuits, claims, demands, or damages of any kind whatsoever that Contractor, its staff, participants, relatives, children, spouse, partner, household members, family members, employees, guests, invitees, volunteers, agents, consultants, Subcontractors, and any other person tracing exposure or illness to Contractor, now have, or may have in the future, for injury, trauma, illness, loss, unwanted contact, harassment, disability, death or property damages related to being exposed to or contracting an Infectious Disease while using the Site for the performance of the Work. Contractor shall include this paragraph in all subcontracts with Subcontractors.

6.13.22.4. Contractor shall ensure it has supervisor employees onsite that are trained and knowledgeable of all of these requirements to ensure full compliance on Project Site(s).

6.13.22.5. Any cost to comply with these "Infectious Disease Compliance Provisions" shall be at Contractor's sole expense and expense, but may be included in the Contract Price.

6.13.23. Photos, Videos and Use of Drones.

6.13.23.1. Contractor may photograph or video the progress of the Work and shall provide all of those photos and videos to the District at the District's request. Contractor may utilize drones or similar aerial equipment to photograph, video or monitor the progress of the Work and for security purposes, but Contractor must comply with all legal requirements of the federal government, the State of California, and the County and City in which the Project is located, applicable to the use of drones or similar aerial equipment. In addition, Contractor shall ensure that no photographs, videos or digital recordings of any kind are taken of District students

or staff.

6.13.23.2. If Contractor utilizes drones or any other unmanned aircraft during construction operations, Contractor must either ensure its insurance coverage includes unmanned aircraft operations or procure and maintain a separate aircraft liability policy to cover unmanned aircraft operations.

6.14. Working Evenings and Weekends

Contractor may be required to work evenings and/or weekends at no additional cost to the District. Contractor shall give the District seventy-two (72) hours' notice prior to performing any evening and/or weekend work. Contractor shall perform all evening and/or weekend work only upon District's written approval and in compliance with all applicable rules, regulations, laws, and local ordinances including, without limitation, all noise and light limitations. Contractor shall reimburse the District for any Inspector and custodial charges necessitated by the Contractor's evening and/or weekend work.

6.15. Noise and Dust Control

6.15.1. In addition to the noise control, dust control and related requirements in the Specifications, Contractor shall control the noise and dust at the Site as indicated here.

6.15.2. Noise Control. The Contractor shall install noise reducing devices on construction equipment. Contractor shall comply with the requirements of the city and county having jurisdiction with regard to noise ordinances governing construction sites and activities. Construction equipment noise at the Site shall be limited as required by applicable law, rule or regulation. If classes are in session at any point during the progress of the Work, and, in the District's reasonable discretion, the noise from any Work disrupts or disturbs the students or faculty or the normal operation of the school at the Site, at the District's request, the Contractor shall schedule the performance of that Work around normal school hours or make other arrangements so that the Work does not cause disruption or disturbance. In no event shall those arrangements result in adjustment of the Contract Price or the Contract Time.

6.15.3. Dust Control. The Contractor shall be fully and solely responsible for maintaining and upkeeping all areas of the Site and adjoining areas, outdoors and indoors, free from flying debris, grinding powder, sawdust, dirt and dust as well as any other product, product waste or work waste, that by becoming airborne may cause respiratory inconveniences to persons, particularly to students and District personnel. Additionally, the Contractor shall take specific care to avoid deposits of airborne dust or airborne elements. Those protection devices, systems or methods shall be in accordance with the regulations set forth by the EPA and OSHA, and other applicable law, rule or regulation. Additionally, the Contractor shall be responsible to regularly and routinely clean up and remove any and all deposits of dust and other elements. Damage and/or any liability derived from the Contractor's failure to comply with these requirements shall be exclusively at the cost of the Contractor, including, without limitation, any and all penalties that may be incurred for violations of applicable law, rule or regulation, and any amounts expended by the District to pay such damages shall be due and payable to the District on demand. Contractor shall replace any damages property or part thereof and professionally clean any and all items that become covered or partially covered to any degree by dust or other airborne elements. If classes are in session at any point during the progress of Work, and, in the District's reasonable discretion, flying debris, grinding powder, sawdust, dirt or dust from any Work disrupts or disturbs the students or faculty or the normal operation of the school, at the District's request, the Contractor shall schedule the performance of all that Work around normal school hours and make other arrangements so that the Work does not cause disruption or disturbance. In no event shall those arrangements result in adjustment of the Contract Price or the Contract Time.

6.15.4. Contractor Failure to Comply. If the Contractor fails to comply with the requirements for dust control, noise control, or any other maintenance or clean up requirement of the Contract Documents, the

District, Architect, Project Inspector, or Construction Manager shall notify the Contractor in writing and the Contractor shall take immediate action. Should the Contractor fail to respond with immediate and responsive action and not later than twenty-four (24) hours from that notification, the District shall have the absolute right to proceed as it may deem necessary to remedy such matter. Any and all costs incurred by the District in connection with those actions shall be the sole responsibility of, and be borne by, the Contractor; the District may deduct those amounts from the Contract Price then or thereafter due the Contractor.

6.16. Cleaning Up

6.16.1. The Contractor shall provide all services, labor, materials, and equipment necessary for protecting the Work, all school occupants, furnishings, equipment, and building structure from damage until its Completion and final acceptance by District. Dust barriers shall be provided to isolate dust and dirt from construction operations. At Completion of the Work and portions thereof, Contractor shall clean to the original state any areas beyond the Work area that become dust laden as a result of the Work. The Contractor must erect the necessary warning signs and barricades to ensure the safety of all school occupants. The Contractor at all times must maintain good housekeeping practices to reduce the risk of fire damage and must make a fire extinguisher, fire blanket, and/or fire watch, as applicable, available at each location where cutting, braising, soldering, and/or welding is being performed or where there is an increased risk of fire.

6.16.2. Contractor at all times shall keep Premises free from debris such as waste, rubbish, and excess materials and equipment caused by the Work. Contractor shall not leave debris under, in, or about the Premises, but shall promptly remove same from the Premises on a daily basis. If Contractor fails to clean up, District may do so and the cost thereof shall be charged to Contractor. If Contract is for work on an existing facility, Contractor shall also perform specific clean-up on or about the Premises upon request by the District as it deems necessary for the continuing education process. Contractor shall comply with all related provisions of the Specifications.

6.16.3. If the Construction Manager, Architect, or District observes the accumulation of trash and debris, the District will give the Contractor a 24-hour written notice to mitigate the condition.

6.16.4. Should the Contractor fail to perform the required clean-up, or should the clean-up be deemed unsatisfactory by the District, the District will then perform the clean-up. All cost associated with the clean-up work (including all travel, payroll burden, and costs for supervision) will be deducted from the Contract Price, or District may withhold those amounts from payment(s) to Contractor.

7. SUBCONTRACTORS

7.1. Contractor shall provide the District with information for all Subcontracts as required in the Contractor's Submittals and Schedules Section.

7.2. No contractual relationship exists between the District and any Subcontractor, supplier, or sub-subcontractor by reason of the Contract.

7.3. Contractor agrees to bind every Subcontractor by terms of the Contract as far as those terms are applicable to Subcontractor's work. If Contractor shall subcontract any part of the Contract, Contractor shall be as fully responsible to District for acts and omissions of any Subcontractor and of persons either directly or indirectly employed by any Subcontractor, as it is for acts and omissions of persons directly employed by Contractor. The divisions or sections of the Specifications are not intended to control the Contractor in dividing the Work among Subcontractors or limit the work performed by any trade.

7.4. District's consent to, or approval of, or failure to object to, any Subcontractor under the Contract shall not in any way relieve Contractor of any obligations under the Contract and no such consent shall be deemed

to waive any provisions of the Contract.

7.5. Contractor acknowledges sections 4100 through 4114 of the Public Contract Code of the State of California, as regards subletting and subcontracting, and shall comply with all applicable requirements therein. In addition, Contractor acknowledges sections 1720 through 1861 of the Labor Code of the State of California, as regards the payment of prevailing wages and related issues, and shall comply with all applicable requirements therein all including, without limitation, section 1775 and the Contractor's and Subcontractors' obligations and liability for violations of prevailing wage law and other applicable laws.

7.6. No Contractor whose Bid is accepted shall, without consent of the awarding authority and in full compliance with section 4100, et seq, of the Public Contract Code, including, without limitation, sections 4107, 4107.5, and 4109 of the Public Contract Code, either:

7.6.1. Substitute any person as a Subcontractor in place of the Subcontractor designated in the original Bid; or

7.6.2. Permit any Subcontract to be assigned or transferred, or allow any portion of the Work to be performed by anyone other than the original Subcontractor listed in the Bid; or

7.6.3. Sublet or subcontract any portion of the Work in excess of one-half of one percent (1/2 of 1%) of the Contractor's total bid as to which his original bid did not designate a Subcontractor.

7.7. The Contractor shall be responsible for the coordination of the trades, Subcontractors, sub-subcontractors, and material or equipment suppliers working on the Project.

7.8. Contractor is solely responsible for settling any differences between the Contractor and its Subcontractor(s) or between Subcontractors.

7.9. Contractor must include in all of its subcontracts the assignment provisions as indicated in the Termination section of these General Conditions.

8. OTHER CONTRACTS/CONTRACTORS

8.1. District reserves the right to let other contracts, and/or to perform work with its own forces, in connection with other portions of the Project or other construction or operations at or about the Site. Contractor shall afford other contractors reasonable opportunity for introduction and storage of their materials and execution of their work and shall properly coordinate and connect Contractor's Work with the work of other contractors.

8.2. In addition to Contractor's obligation to protect its own Work, Contractor shall protect the work of any other contractor that Contractor encounters while working on the Site.

8.3. If any part of Contractor's Work depends for proper execution or results upon work of District or any other contractor, Contractor shall inspect and promptly report to the District in writing before proceeding with its Work any defects in District's or any other contractor's work that render Contractor's Work unsuitable for proper execution and results. Contractor shall be held accountable for damages to District for District's or any other contractor's work that Contractor failed to inspect or should have inspected. Contractor's failure to inspect and report shall constitute Contractor's acceptance of all District's or any other contractor's work as fit and proper for reception of Contractor's Work, except as to defects that may develop in District's or any other contractor's work after execution of Contractor's Work.

8.4. To ensure proper execution of its subsequent work, Contractor shall measure and inspect work already in place and shall at once report to the District in writing any discrepancy between that executed work and

the Contract Documents.

- 8.5. Contractor shall ascertain to its own satisfaction the scope of the Project and nature of District's or any other contracts that have been or may be awarded by District in completion of the Project to the end that Contractor may perform this Contract in light of the other contracts, if any.
- 8.6. Nothing herein contained shall be interpreted as granting to Contractor exclusive occupancy of the Site, the Premises, or of the Project. The District shall have complete access to the Project Site for any reasonable purpose at all times. Contractor shall not cause any unnecessary hindrance or delay to the use and/or school operation(s) of the Premises and/or to District or any other contractor working on the Project. If simultaneous execution of any contract or school operation is likely to cause interference with performance of Contractor's Contract, Contractor shall coordinate with those contractor(s), person(s), and/or entity(s) and shall notify the District of the resolution.

9. DRAWINGS AND SPECIFICATIONS

- 9.1. A complete list of all Drawings that form a part of the Contract is to be found as an index on the Drawings themselves, and/or may be provided to the Contractor and/or in the Table of Contents.
- 9.2. Materials or Work described in words that so applied have a well-known technical or trade meaning shall be deemed to refer to recognized standards, unless noted otherwise.
- 9.3. Trade Name or Trade Term. It is not the intention of the Contract to go into detailed descriptions of any materials and/or methods commonly known to the trade under "trade name" or "trade term." The mere mention or notation of "trade name" or "trade term" shall be considered sufficient notice to Contractor that it will be required to complete the work so named, complete, finished, and operable, with all its appurtenances, according to the best practices of the trade.
- 9.4. The naming of any material and/or equipment shall mean furnishing and installing of same, including all incidental and accessory items thereto and/or labor therefor, as per best practices of the trade(s) involved, unless specifically noted otherwise.
- 9.5. Contract Documents are complementary, and what is called for by one shall be binding as if called for by all. As such, Drawings and Specifications are intended to be fully cooperative and to agree. However, if Contractor observes that Drawings and Specifications are in conflict, Contractor shall promptly notify District and Architect in writing, and any necessary changes shall be made as provided in the Contract Documents.
- 9.6. In the case of discrepancy or ambiguity in the Contract Documents, the order of precedence in the Agreement shall prevail. However, in the case of discrepancy or ambiguity solely between and among the Drawings and Specifications, the discrepancy or ambiguity shall be resolved in favor of the interpretation that will provide District with the functionally complete and operable Project described in the Drawings and Specifications. In case of ambiguity, conflict, or lack of information, District will furnish clarifications with reasonable promptness.
- 9.7. Drawings and Specifications are intended to comply with all laws, ordinances, rules, and regulations of constituted authorities having jurisdiction, and where referred to in the Contract Documents, the laws, ordinances, rules, and regulations shall be considered as a part of the Contract within the limits specified. Contractor shall bear all expense of correcting work done contrary to said laws, ordinances, rules, and regulations.

9.8. Ownership of Drawings

- 9.8.1. All copies of the Drawings, Designs, Specifications, and copies of other incidental architectural

and engineering work, or copies of other Contract Documents furnished by District, are the property of District. They are not to be used by Contractor in other work and, with the exception of signed sets of Contract Documents, are to be returned to District on request at Completion of Work, or may be used by District as it may require without any additional costs to District. Neither the Contractor nor any Subcontractor, or material or equipment supplier shall own or claim a copyright in the Drawings, Specifications, and other documents prepared by the Architect. District hereby grants the Contractor, Subcontractors, sub-subcontractors, and material or equipment suppliers a limited license to use applicable portions of the Drawings prepared for the Project in the execution of their Work under the Contract Documents.

10. CONTRACTOR'S SUBMITTALS AND SCHEDULES

Contractor's submittals shall comply with the provisions and requirements of the Specifications including, without limitation Submittals. No submittal, unless approved in writing by the District as acceptable and complete, shall be a Contract Document.

10.1. Schedules, Safety Plan and Complete Subcontractor List

10.1.1. Within **TEN (10)** calendar days after the date of the Notice to Proceed (unless otherwise specified in the Notice to Proceed or in the Special Conditions), Contractor shall prepare and submit to the District for review, in a form supported by sufficient data to substantiate its accuracy as the District may require:

10.1.1.1. Schedule of Work. Contractor shall provide a preliminary schedule of construction indicating the starting and completion dates of the various stages of the Work, including any information and following any form as may be specified in the Specifications. Once approved by District, this shall become the Construction Schedule. This schedule shall include and identify all tasks that are on the Project's critical path with a specific determination of the start and completion of each critical path task, all contract milestones and each milestone's completion date(s) as may be required by the District, and the date of Project Completion.

10.1.1.1.1. Proposed Advanced Schedule. The District is not required to accept an early completion ("advanced") schedule; i.e., one that shows early completion dates for the Contract completion or milestones. Contractor shall not be entitled to extra compensation if the District allows the Contractor to proceed performing the Contract on an earlier ("advanced") schedule and Contractor completes the Project, for whatever reason, beyond the date shown in that earlier ("advanced") schedule, but within the Time for Completion indicated in the Contract. A schedule showing the work completed in less than the Time for Completion indicated in the Contract, shall be considered to have Project Float.

10.1.1.1.2. Float or Slack in the Schedule. Float or slack is the amount of time between the early start date and the late start date, or the early finish date and the late finish date, of any of the activities in the schedule. Float or slack is not for the exclusive use of or benefit of either the District or the Contractor, but its use shall be determined solely by the District.

10.1.1.2. Schedule of Submittals. The Contractor shall provide a preliminary schedule of submittals, including Shop Drawings, Product Data, and Samples submittals. Once approved by District, this shall become the Submittal Schedule. All submittals shall be forwarded to the District by the date indicated on the approved Submittal Schedule, unless an earlier date is necessary to maintain the Construction Schedule, in which case those submittals shall be forwarded to the District so as not to delay the Construction Schedule.

10.1.1.3. Schedule of Values. The Contractor shall provide a preliminary schedule of values for all component parts of the Work for which progress payments may be requested. The schedule of values must include quantities and prices of items totaling the Contract Price and

must subdivide the Work into component parts in sufficient detail to serve as the basis for progress payments during construction. The preliminary schedule of values should include, at a minimum, the following information and the following structure:

10.1.1.3.1. Divided into at least the following categories:

- 10.1.1.3.1.1.** Overhead and profit;
- 10.1.1.3.1.2.** Supervision;
- 10.1.1.3.1.3.** General conditions;
- 10.1.1.3.1.4.** Layout;
- 10.1.1.3.1.5.** Mobilization;
- 10.1.1.3.1.6.** Submittals;
- 10.1.1.3.1.7.** Bonds and insurance;
- 10.1.1.3.1.8.** Closeout documentation;
- 10.1.1.3.1.9.** Demolition;
- 10.1.1.3.1.10.** Installation;
- 10.1.1.3.1.11.** Rough-in;
- 10.1.1.3.1.12.** Finishes;
- 10.1.1.3.1.13.** Testing;
- 10.1.1.3.1.14.** Punch List and acceptance.

10.1.1.3.2. Divided by each of the following areas:

- 10.1.1.3.2.1.** Site work;
- 10.1.1.3.2.2.** By each building;
- 10.1.1.3.2.3.** By each floor.

10.1.1.3.3. The preliminary schedule of values shall not provide for values any greater than the following percentages of the Contract value:

- 10.1.1.3.3.1.** Mobilization and layout combined to equal not more than 1%;
- 10.1.1.3.3.2.** Submittals, samples and shop drawings combined to equal not more than 3%;
- 10.1.1.3.3.3.** Bonds and insurance combined to equal not more than 2%.

10.1.1.3.4. Closeout Documentation. Closeout Documentation shall have a value in the preliminary schedule of not less than 5%. The value for Closeout Documentation shall be in addition to and shall not be a part of the Contract retention.

10.1.1.3.5. All items on the Schedule of Values must have a specific completion date on the Construction Schedule, or District has approved the Construction Schedule and the Construction Schedule is fully cost-loaded and resource-loaded, unless waived by the District in writing, and detailed as required by the Contract Documents

10.1.1.3.6. Contractor shall certify that the preliminary schedule of values as submitted to the District is accurate and reflects the costs as developed in preparing Contractor's bid. The preliminary schedule of values shall be subject to the District's review and approval of the form and content thereof. In the event that the District objects to any portion of the preliminary schedule of values, the District shall notify the Contractor, in writing, of the District's objection(s) to the preliminary schedule of values. Within five (5) calendar days of the date of the District's written objection(s), Contractor shall submit a revised preliminary schedule of values to the District for review and approval. The foregoing procedure for the preparation, review and approval of the preliminary schedule of values shall continue until the District has approved the entirety of the preliminary schedule of values.

10.1.1.3.7. Once the preliminary schedule of values is approved by the District, this shall become the Schedule of Values. The Schedule of Values shall not be thereafter modified or amended by the Contractor without the prior written consent and approval of the District, which may be granted or withheld in the sole discretion of the District.

10.1.1.3.8. Notwithstanding any provision of the Contract Documents to the contrary, payment of the Contractor's overhead, supervision, general conditions costs, and profit, as reflected in the Schedule of Values, shall be paid by the District in installments, based on percentage complete, with the disbursement of Progress Payments and the Final Payment.

10.1.1.3.9. The Contractor shall not "front-load" the Schedule of Values with false dollar amounts for activities to be performed in the early stages of the Project. The District may, in its sole discretion, utilize the costs listed in the Schedule of Values as the true cost of items to be deducted from the Contract Price through credit or deductive Change Order. The values for each line item shall include the amount of overhead and profit applicable to each item of work and shall include, at a minimum, a breakdown between rough and finish Work for the basic trades as well as individual dollar figures for large dollar equipment and materials to be installed or furnished for the Project. No individual line item or scope of work in the Schedule of Values shall exceed \$50,000, except with the express, written consent of the District. Exceptions will be given by the District for a single item of Equipment for which the true cost exceeds \$50,000. The Schedule of Values shall be subject to the District's review and approval of the form and content thereof. Upon request, Contractor shall provide District with data and documentation substantiating the accuracy of the proposed line items. In the event that the District shall reasonably object to any portion of the Schedule of Values, within ten (10) days of the District's receipt of the Schedule of Values, the District shall notify the Contractor, in writing of the District's objection(s) to the Schedule of Values together with any request for substantiating data or documentation. Within five (5) days of the date of the District's written objection(s) and request for substantiating data and documentation, Contractor shall submit a revised Schedule of Values to the District for review and approval together with the requested data and documentation. The foregoing procedure for the preparation, review and approval of the Schedule of Values shall continue until the District has approved of the entirety of the Schedule of Values. Once the Schedule of Values is approved by the District, the Schedule of Values shall not be thereafter modified or amended by the Contractor without the prior consent and approval of the District, which may be granted or withheld in the sole reasonable discretion of the District. Notwithstanding any provision of the Contract Documents to the contrary, payment of the Contractor's overhead, supervision and general conditions costs and profit, as such items are reflected in the Schedule of Values, shall be made incrementally as included in the activities included in the Approved Construction Schedule.

10.1.1.4. **Safety Plan.** The Contractor shall provide a preliminary Contractor's Safety Plan specifically adapted for the Project. Contractor's Safety Plan shall comply with the following requirements:

10.1.1.4.1. All applicable requirements of California Division of Industrial Safety ("CalOSHA") and/or of the United States Occupational Safety and Health Administration ("OSHA").

10.1.1.4.2. All provisions regarding Project safety, including all applicable provisions in these General Conditions.

10.1.1.4.3. Contractor's Safety Plan shall be prepared in both English and in the predominant language(s) of the Contractor's and its Subcontractors' employees.

10.1.1.5. Complete Subcontractor List. Contractor shall provide a preliminary Subcontractor List stating the name, address, telephone number, facsimile number, email address, California State Contractors License number, Department of Industrial Relations registration number, classification, and monetary value of all Subcontracts for parties furnishing labor, material, or equipment for the Project.

10.1.2. Contractor must provide all schedules both in hard copy and electronically, in a format (e.g., Microsoft Project, Primavera, or substantially similar product) approved in advance by the District.

10.1.3. The District will review the schedules submitted and the Contractor shall make changes and corrections in the schedules as requested by the District and resubmit the schedules until approved by the District.

10.1.4. The District shall have the right at any time to revise the Schedule of Values if, in the District's sole opinion, the Schedule of Values does not accurately reflect the value of the Work performed.

10.1.5. All submittals and schedules must be approved by the District before Contractor can rely on them as a basis for payment.

10.2. Monthly Progress Schedule(s)

10.2.1. Contractor shall provide Monthly Progress Schedule(s) to the District. A Monthly Progress Schedule shall update the approved Construction Schedule or the last Monthly Progress Schedule, showing all work completed and to be completed. The Monthly Progress Schedule shall be sent to the District and shall be in a format acceptable to the District and contain a written narrative of the progress of work that month and any changes, delays, or events that may affect the work. The process for District approval of the Monthly Progress Schedule shall be the same as the process for approval of the Construction Schedule.

10.2.2. Contractor shall also submit Monthly Progress Schedule(s) with all payment applications.

10.3. Material Safety Data Sheets (MSDS)

Contractor is required to ensure Material Safety Data Sheets are available in a readily accessible place at the Work Site for any material requiring a Material Safety Data Sheet per the Federal "Hazard Communication" standard, or employees right to know law. The Contractor is also required to ensure proper labeling on substances brought onto the Project Site and that any person working with the material or within the general area of the material is informed of the hazards of the substance and follows proper handling and protection procedures. Two additional copies of the Material Safety Data Sheets shall also be submitted directly to the District.

10.4. Logistic Plan

Contractor shall provide a staging and logistics plan identifying laydown areas, loading and unloading areas, crane locations, fence locations, temporary utility connections, trailer locations, and emergency evacuation meeting area. This Logistics Plan must be approved by the District prior to the Contractor mobilizing on the Site.

10.5. Information Included in Submittals.

All Submittals shall be accompanied by a written transmittal and each set of plans shall carry a "wet stamp" or other writing by the Contractor providing an identification of the portion of the Drawings or the Specifications pertaining to the Submittal, with each Submittal numbered consecutively for ease of reference along with the following information: (i) date of submission; (ii) Project name; (iii) name of

submitting Subcontractor; and (iv) if applicable, the revision number. The foregoing information is in addition to, and not in lieu of, any other information required for the District's review, evaluation and approval of the Contractor's Submittals. Each Submittal shall be complete with its required number of copies, no piecemeal documentation is allowed. Any Submittal not bearing the required wet stamp as stated herein, shall be rejected until the appropriate wet stamp information is provided on each submittal.

10.6. Verification of Submittal Information.

By approving and submission of Submittals, the Contractor represents to the District and Architect that the Contractor has determined and verified materials, field measurements, field construction criteria, catalog numbers and similar data related thereto and has checked and coordinated the information contained within such Submittals with the requirements of the Work and of the Contract Documents. Each Submittal shall include the following certification duly executed by the Contractor's superintendent or project manager for the Work: "The Contractor has reviewed and approved the field dimensions and construction criteria of the attached Submittal. The Contractor has verified that the Submittal is complete and includes notations of any portion of the Work depicted in the Submittal which is not in strict conformity with the Contract Documents. The information in the attached Submittal has been reviewed and coordinated by the Contractor with information included in other Submittals."

10.7. Contractor Responsibility for Deviations.

The Contractor shall not be relieved of responsibility for correcting deviations from the requirements of the Contract Documents by the District's and Architect's review of Submittals unless the Contractor has specifically informed the District in writing of such deviation at the time of submission of the Submittal and the District has given written approval to the specific deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Submittals by the District's and Architect's review or comments thereon.

10.8. No Performance of Work Without Architect Review.

The Contractor shall perform no portion of the Work requiring the District's and Architect's review of Submittals until the District and Architect have completed their review and returned the Submittal to the Contractor indicating "No Exception Taken" to that Submittal. The Contractor shall not perform any portion of the Work forming a part of a Submittal or which is affected by a related Submittal until the entirety of the Submittal or other related Submittal has been fully processed. All Work shall be in accordance with the final action taken by the District and the Architect review in review of Submittals and other applicable portions of the Contract Documents.

10.9. District and Architect Review of Submittals.

The purpose of the District's and Architect's review of Submittals and the time for the District's and Architect's return of Submittals to the Contractor shall be as set forth elsewhere in the Contract Documents. If the District and/or Architect return a Submittal as rejected or requiring correction(s) with re-submission, the Contractor, so as not to delay the progress of the Work, shall promptly thereafter resubmit a Submittal conforming to the requirements of the Contract Documents; the resubmitted Submittal shall indicate the portions thereof modified in accordance with the District's and Architect's direction. When professional certification of performance criteria of materials, systems or equipment is required by the Contract Documents, the District shall be entitled to rely upon the accuracy and completeness of the Contractor's calculations and certifications accompanying Submittals. The District's and Architect's review of the Submittals is for the limited purposes described in the Contract Documents. The District and Architect will review each Submittal twice. Should additional Submittals be required as a result of failure of the Contractor to address comments, the Contractor will pay for the Architect's services on a time and material basis for each subsequent review.

10.10. Deferred Approval Items.

In the event that any portion of the Work is designated in the Contract Documents as a "Deferred Approval" item from DSA, Contractor shall be solely and exclusively responsible for the preparation of Submittals for such item(s) in a timely manner so as not to delay or hinder the completion of the Work within the Contract Time. All work, labor, materials, equipment or services necessary to complete the design, engineering and permitting/approval of the Deferred Approval items shall be provided by the Contractor without adjustment of the Contract Price or the Contract Time.

10.11. Contractor Responsibility for Deviations

The Contractor shall not be relieved of responsibility for correcting deviations from the requirements of the Contract Documents by the District's or Architect's review of Submittals unless the Contractor has specifically informed the District and the Architect in writing of such deviation at the time of submission of the Submittal and the District and the Architect have given written approval to the specific deviation. The Contractor shall not be relieved of responsibility for errors or omissions in Submittals by the District's or the Architect's review or comments thereon.

11. SITE ACCESS, CONDITIONS AND REQUIREMENTS

11.1. Site Investigation

Before bidding on the Work, Contractor shall make a careful investigation of the Site and thoroughly familiarize itself with the requirements of the Contract. By the act of submitting a bid for the Work included in the Contract, Contractor shall be deemed to have made a complete study and investigation, and to be familiar with and accepted the existing conditions of the Site.

11.2. Soils Investigation Report

11.2.1. When a soils investigation report obtained from test holes at Site is available, that report shall be available to the Contractor but shall not be a part of the Contract. Any information obtained from that report or any information given on Drawings as to subsurface soil condition or to elevations of existing grades or elevations of underlying rock is approximate only, is not guaranteed, does not form a part of the Contract, and Contractor may not rely thereon. By submitting its bid, Contractor acknowledges that it made visual examination of Site and made whatever tests Contractor deems appropriate to determine underground condition of soil.

11.2.2. If a soils report is identified in the Contract Documents, it is not a Contract Document. Further, no representation is made by District that information provided is adequate for purposes of construction of the Project. District disclaims responsibility for any and all interpretations made by the Contractor of any soil or subsurface condition for information, such as soil-bearing values, rock profiles, presence and scope of boulders and cobbles, soil stability and the presence or level and extent of underground water.

11.2.3. The Contractor shall determine the means, methods, techniques and sequences necessary to achieve required soil contours and characteristics of all completed Work.

11.2.4. If after execution of the Contract, the Contractor encounters conditions at the Site than are materially different from those customarily encountered at or near the Premises, any request by the Contractor for additional funds or additional time, shall be governed by provisions of the Contract Documents for Changes in the Work related to unforeseen conditions.

11.2.5. Contractor agrees that no claim against District will be made by Contractor for damages and hereby waives any rights to damages if, during progress of Work, Contractor encounters subsurface or latent conditions at Site materially differing from those shown on Drawings or indicated in Specifications,

or for unknown conditions of an unusual nature that differ materially from those ordinarily encountered in the work of the character provided for in Plans and Specifications, except as indicated in the provisions of these General Conditions regarding trenches, trenching, and/or existing utility lines.

11.3. Access to Work

District and its representatives shall at all times have access to Work wherever it is in preparation or progress, including storage and fabrication. Contractor shall provide safe and proper facilities for access so that District's representatives may perform their functions.

11.4. Layout and Field Engineering

11.4.1. All field engineering required for layout of this Work and establishing grades for earthwork operations shall be furnished by Contractor at its expense. This Work shall be done by a qualified, California-registered civil engineer approved in writing by District and Architect. Any required Record and/or As-Built Drawings of Site development shall be prepared by the approved civil engineer.

11.4.2. Contractor shall be responsible for having ascertained pertinent local conditions such as location, accessibility, and general character of the Site and for having satisfied itself as to the conditions under which the Work is to be performed. District shall not be liable for any claim for allowances because of Contractor's error or negligence in acquainting itself with the conditions at the Site.

11.4.3. Contractor shall protect and preserve established benchmarks and monuments and shall make no changes in locations without the prior written approval of District. Contractor shall replace any benchmarks or monuments that are lost or destroyed subsequent to proper notification of District and with District's approval.

11.5. Utilities for Construction

Utilities necessary to complete the Work and to completely perform all of the Contractors' obligations shall be obtained by the Contractor without adjustment of the Contract Price. The Contractor shall furnish and install necessary or appropriate temporary distributions of utilities, including utilities furnished by the District. Any such temporary distributions shall be removed by the Contractor upon completion of the Work. The costs of all such utility services, including the installation and removal of temporary distributions thereof, shall be borne by the Contractor and included in the Contract Price. Also refer to other utility requirements as indicated in the Specifications.

11.6. Sanitary Facilities

At all times during Work at the Site, the Contractor shall obtain and maintain temporary sanitary facilities in conformity with applicable law, rule or regulation. The Contractor shall maintain temporary sanitary facilities in a neat and clean manner with sufficient toilet room supplies. Personnel engaged in the Work are not permitted to use toilet facilities at the Site. Also refer to other Sanitary facility requirements as indicated in the Specifications.

11.7. Surveys

Contractor shall provide surveys done by a California-licensed civil engineer surveyor to determine locations of construction, grading, and site work as required to perform the Work.

11.8. Regional Notification Center

Contractor, except in an emergency, shall contact the appropriate regional notification center at least two (2) days prior to commencing any excavation if the excavation will be conducted in an area or in a private easement that is known, or reasonably should be known, to contain subsurface installations other than

the underground facilities owned or operated by the District, and obtain an inquiry identification number from that notification center. No excavation shall be commenced and/or carried out by the Contractor unless an inquiry identification number has been assigned to the Contractor or any Subcontractor and the Contractor has given the District the identification number. Any damages arising from Contractor's failure to make appropriate notification shall be at the sole risk and expense of the Contractor. Any delays caused by failure to make appropriate notification shall be at the sole risk of the Contractor and shall not be considered for an extension of the Contract time.

11.9. Existing Utility Lines

11.9.1. Pursuant to Government Code section 4215, District assumes the responsibility for removal, relocation, and protection of main or trunk utility lines and facilities located on the construction Site at the time of commencement of construction under the Contract with respect to any such utility facilities that are not identified in the Plans and Specifications. Contractor shall not be assessed for liquidated damages for delay in completion of the Project caused by failure of District or the owner of a utility to provide for removal or relocation of such utility facilities.

11.9.2. Locations of existing utilities provided by District shall not be considered exact, but approximate within reasonable margin and shall not relieve Contractor of responsibilities to exercise reasonable care nor costs of repair due to Contractor's failure to do so. District shall compensate Contractor for the costs of locating, repairing damage not due to the failure of Contractor to exercise reasonable care, and removing or relocating such utility facilities not indicated in the Plans and Specifications with reasonable accuracy, and for equipment necessarily idle during such work.

11.9.3. No provision herein shall be construed to preclude assessment against Contractor for any other delays in completion of the Work. Nothing in this Article shall be deemed to require District to indicate the presence of existing service laterals, appurtenances, or other utility lines, within the exception of main or trunk utility lines, whenever the presence of these utilities on the Site can be inferred from the presence of other visible facilities, such as buildings, meter junction boxes, on or adjacent to the Site.

11.9.4. If Contractor, while performing Work, discovers utility facilities not identified by District in Contract Plans and Specifications, Contractor shall immediately, but in no case longer than two (2) Business Days, notify the District and the utility in writing. The cost of repair for damage to above-mentioned visible facilities without prior written notification to the District shall be borne by the Contractor.

11.10. Notification

Contractor understands, acknowledges and agrees that the purpose for prompt notification to the District pursuant to these provisions is to allow the District to investigate the condition(s) so that the District shall have the opportunity to decide how the District desires to proceed as a result of the condition(s). Accordingly, failure of Contractor to promptly notify the District in writing, pursuant to the applicable provisions of these General Conditions, shall constitute Contractor's waiver of any claim for damages or delay incurred as a result of the condition(s).

11.11. Hazardous Materials

Contractor shall comply with all provisions and requirements of the Contract Documents related to hazardous materials including, without limitation, certifications related to hazardous materials in the document entitled Certifications to be Completed by Contractor.

11.12. No Signs

Neither the Contractor nor any other person or entity shall display any signs not required by law or the

Contract Documents at the Site, fences trailers, offices, or elsewhere on the Site without specific prior written approval of the District.

12. TRENCHES

12.1. Trenches Greater Than Five Feet

Pursuant to Labor Code section 6705, if the Contract Price exceeds \$25,000 and involves the excavation of any trench or trenches five (5) feet or more in depth, the Contractor shall, in advance of excavation, promptly submit to the District and/or a registered civil or structural engineer employed by the District or Architect, a detailed plan showing the design of shoring for protection from the hazard of caving ground during the excavation of such trench or trenches.

12.2. Excavation Safety

If such plan varies from the Shoring System Standards established by the Construction Safety Orders, the plan shall be prepared by a registered civil or structural engineer, but in no case shall such plan be less effective than that required by the Construction Safety Orders. No excavation of such trench or trenches shall be commenced until said plan has been accepted by the District or by the person to whom authority to accept has been delegated by the District.

12.3. No Tort Liability of District

Pursuant to Labor Code section 6705, nothing in this Article shall impose tort liability upon the District or any of its employees.

12.4. No Excavation without Permits

The Contractor shall not commence any excavation Work until it has secured all necessary permits including the required CAL OSHA excavation/shoring permit. Any permits shall be prominently displayed on the Site prior to the commencement of any excavation.

12.5. Discovery of Hazardous Waste, Unusual Conditions and/or Unforeseen Conditions

12.5.1. Pursuant to Public Contract Code section 7104, if the Work involves digging trenches or other excavations that extend deeper than four (4) feet below the surface, the Contractor shall immediately, but in no case longer than two (2) Business Days, and before the following conditions are disturbed, notify the District, in writing, of any:

12.5.1.1. Material that the Contractor believes may be material that is hazardous waste, as defined in section 25117 of the Health and Safety Code, and requires removal to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

12.5.1.2. Subsurface or latent physical conditions at the Site differing from those indicated.

12.5.1.3. Unknown physical conditions at the Site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract.

12.5.2. The District shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work, shall issue a Change Order under the procedures described herein.

12.5.3. In the event that a dispute arises between District and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the Work, the Contractor shall not be excused from any scheduled Completion date provided for by the Contract, but shall proceed with all work to be performed under the Contract. The Contractor shall retain any and all rights provided by the Contract or by law that pertain to the resolution of disputes and protests, which include the requirement that Contractor complies with the notice and PCO provisions of the Contract Documents. Contractor's failure to submit a proposed change order pursuant to the terms of the Contract Documents shall be deemed a waiver of Contractor's right to an adjustment of the Contract Price of Contract Time.

13. INSURANCE AND BONDS

13.1. Insurance

Unless different provisions and/or limits are indicated in the Special Conditions, all insurance required of Contractor and/or its Subcontractor(s) shall be in the amounts indicated herein and include the provisions set forth herein.

13.1.1. Commercial General Liability and Automobile Liability Insurance

13.1.1.1. Contractor shall procure and maintain, during the life of the Contract, Commercial General Liability Insurance and Automobile Liability Insurance that shall protect Contractor, District, State, Construction Manager(s), Project Inspector(s), and Architect(s) from all claims for bodily injury, property damage, personal injury, death, advertising injury, and medical payments arising from operations under the Contract. This coverage shall be provided in a form at least as broad as the Insurance Services Office (ISO) standard form. Contractor shall ensure that Products Liability and Completed Operations coverage, Fire Damage Liability, and any Auto including owned, non-owned, and hired, are included within the above policies and at the required limits, or Contractor shall procure and maintain these coverages separately.

13.1.1.2. Contractor's deductible or self-insured retention for its Commercial General Liability Insurance policy shall not exceed \$25,000 unless approved in writing by District.

13.1.2. Umbrella Liability Insurance

13.1.2.1. Contractor shall procure and maintain, during the life of the Contract, an Excess Liability and/or Umbrella Liability Insurance Policy. Any Umbrella Liability Insurance Policy shall protect Contractor, District, State, Construction Manager(s), Program Manager(s), and Architect(s) in the amounts indicated herein, and shall comply with all requirements for Commercial General Liability and Automobile Liability, Employers' Liability Insurance, and Sexual Molestation and Abuse Liability. This coverage shall be provided in a form at least as broad as the Insurance Services Office (ISO) standard form.

13.1.2.2. There shall be no gap between the per occurrence amount of any underlying policy and the start of the coverage under the Umbrella Liability Insurance Policy.

13.1.2.3. Whether this Excess Liability and/or Umbrella Liability Insurance Policy is written on a "follow form" or "stand alone" form, the coverages shall equal or greater than the Contractor's Commercial General Liability and Automobile Liability, Employers' Liability Insurance, and Sexual Molestation and Abuse Liability with no exclusions that reduce or eliminate coverage items.

13.1.3. Subcontractor(s): Contractor shall require its Subcontractor(s), if any, to procure and maintain Commercial General Liability Insurance, Automobile Liability Insurance, and Umbrella Liability Insurance

with minimum limits equal to at least fifty percent (50%) of the amounts required of the Contractor.

13.1.4. Workers' Compensation and Employers' Liability Insurance

13.1.4.1. In accordance with provisions of section 3700 of the California Labor Code, the Contractor and every Subcontractor shall be required to secure the payment of compensation to its employees.

13.1.4.2. Contractor shall procure and maintain, during the life of this Contract, Workers' Compensation Insurance and Employers' Liability Insurance for all of its employees engaged in Work under the Contract, on/or at the Site of the Project. This coverage shall cover, at a minimum, medical and surgical treatment, disability benefits, rehabilitation therapy, and survivors' death benefits. Contractor shall require its Subcontractor(s), if any, to procure and maintain Workers' Compensation Insurance and Employers' Liability Insurance for all employees of Subcontractor(s). Any class of employee or employees not covered by a Subcontractor's insurance shall be covered by Contractor's insurance. If any class of employee or employees engaged in Work under the Contract, on or at the Site of the Project, are not protected under the Workers' Compensation Insurance, Contractor shall provide, or shall cause a Subcontractor to provide, adequate insurance coverage for the protection of any employee(s) not otherwise protected before any of those employee(s) commence work.

13.1.5. Sexual Molestation and Abuse Liability Insurance. Contractor shall procure and maintain, during the life of this Contract, sexual molestation and abuse insurance. Contractor shall require its Subcontractor(s), if any, to procure and maintain sexual molestation and abuse insurance for all employees of Subcontractor(s). Any class of employee or employees not covered by a Subcontractor's insurance shall be covered by Contractor's insurance. If any class of employee or employees engaged in Work under the Contract, on or at the Site of the Project, are not covered under the sexual molestation and abuse insurance, Contractor shall provide, or shall cause a Subcontractor to provide, adequate insurance coverage to cover any employee(s) not otherwise covered before any of those employee(s) commence work.

13.1.6. Builder's Risk Insurance: Builder's Risk "All Risk" Insurance (NO Earthquake or Flood).

13.1.6.1. Contractor (Builder) shall procure and maintain, during the life of this Contract, Builder's Risk (Course of Construction), or similar first party property coverage acceptable to the District, issued on a replacement cost value basis. The cost shall be consistent with the total replacement cost of all insurable Work included within the Contract Documents.

13.1.6.2. Coverage is to insure against all risks of accidental physical loss and shall include without limitation the perils of vandalism and/or malicious mischief (both without any limitation regarding vacancy or occupancy), sprinkler leakage, water damage, mold, civil authority, theft, sonic disturbance, collapse, wind, fire, war, terrorism, lightning, smoke, and rioting. Coverage shall include debris removal, demolition, increased costs due to enforcement of all applicable ordinances and/or laws in the repair and replacement of damaged and undamaged portions of the property, and reasonable costs for the Architect's and engineering services and expenses required as a result of any insured loss upon the Work and Project, including completed Work and Work in progress, to the full insurable value thereof.

13.1.6.3. Coverage shall be maintained until final payment has been made as provided under the Contract or until no person or entity other than the District has an insurable interest in the property to be covered, whichever is later. This insurance shall cover as insureds the District, Contractor, all Subcontractors of every tier on the Project, and all vendors and suppliers. Coverage must also be maintained for any materials stored offsite that will be incorporated into the Project.

13.1.6.4. The deductible for this insurance shall be paid by Contractor.

13.1.6.5. Contractor must review the Special Conditions to confirm the scope of this requirement and if the District has modified this provision.

13.1.7. Proof of Carriage of Insurance and Other Requirements: Endorsements and Certificates

13.1.7.1. Contractor shall not commence Work nor shall it allow any Subcontractor to commence Work under the Contract, until Contractor and its Subcontractor(s) have procured all required insurance and Contractor has delivered in duplicate to the District complete endorsements (or entire insurance policies) and certificates indicating the required coverages have been obtained, and the District has approved these documents.

13.1.7.2. Endorsements, certificates, and insurance policies shall include the following:

13.1.7.2.1. A clause stating:

13.1.7.2.1.1. "This policy shall not be amended, canceled or modified and the coverage amounts shall not be reduced until notice has been mailed to District, Architect, and Construction Manager stating date of amendment, modification, cancellation or reduction. Date of amendment, modification, cancellation or reduction may not be less than thirty (30) days after date of mailing notice."

13.1.7.2.1.2. In lieu of receiving an endorsement with this clause, the District may, at its sole discretion, accept written notification from Contractor and its insurer to the District of any amendments, modifications, cancellations or reduction in coverage, not less than thirty (30) days prior to such coverage changes occur.

13.1.7.2.2. Language stating in particular those insured, extent of insurance, location and operation to which insurance applies, expiration date, to whom cancellation and reduction notice will be sent, and length of notice period.

13.1.7.3. All endorsements, certificates and insurance policies shall state that District, its trustees, employees and agents, the State of California, Construction Manager(s), Program Manager(s), Inspector(s) and Architect(s) are named additional insureds under all policies except Workers' Compensation Insurance and Employers' Liability Insurance.

13.1.7.4. Contractor's and Subcontractors' insurance policy(s) shall be primary and non-contributory to any insurance or self-insurance maintained by District, its trustees, employees and/or agents, the State of California, Construction Manager(s), Program Manager(s), Inspector(s), and/or Architect(s).

13.1.7.5. All endorsements shall waive any right to subrogation against any of the named additional insureds.

13.1.7.6. All policies shall be written on an occurrence form.

13.1.7.7. Unless otherwise stated in the Special Conditions, all of Contractor's insurance shall be placed with insurers ADMITTED in California with a current A.M. Best's rating of no less than A- or A:VII.

13.1.7.8. The insurance requirements set forth herein shall in no way limit the Contractor's liability arising out or relating to the performance of the Work or related activities.

13.1.7.9. Failure of Contractor and/or its Subcontractor(s) to comply with the insurance requirements herein shall be deemed a material breach of the Agreement.

13.1.8. Insurance Policy Limits

Unless different limits are indicated in the Special Conditions, the limits of insurance shall not be less than the following amounts:

Commercial General Liability	Includes: Bodily Injury, Property Damage, Personal & Advertising Injury, Product Liability and Completed Operations	\$2,000,000 each occurrence; \$4,000,000 general aggregate
Automobile Liability – <u>Any</u> Auto	Combined Single Limit	\$2,000,000 per occurrence
Excess Liability (Umbrella)		\$6,000,000 per occurrence; \$6,000,000 aggregate
Workers Compensation		Statutory limits pursuant to State law
Employers' Liability		\$2,000,000 each incident, each disease; \$2,000,000 policy limit
Sexual Abuse / Molestation		\$1,000,000 each incident; \$2,000,000 policy limit
Builder's Risk (Course of Construction)		Issued for the value and scope of Work indicated herein.
Property of Others	Combined Single Limit General Aggregate	Issued for the value and scope of Work stored off-site.

13.2. Contract Security – Bonds

13.2.1. Contractor shall furnish two surety bonds issued by a California admitted surety insurer as follows:

13.2.1.1. Performance Bond: A bond in an amount at least equal to one hundred percent (100%) of Contract Price as security for faithful performance of this Contract.

13.2.1.2. Payment Bond: A bond in an amount at least equal to one hundred percent (100%) of the Contract Price as security for payment of persons performing labor and/or furnishing materials in connection with the Contract.

13.2.2. Cost of bonds shall be included in the Bid and Contract Price.

13.2.3. All bonds related to the Project shall be in the forms set forth in the Contract Documents and shall comply with all requirements of the Contract Documents, including, without limitation, the bond forms.

14. WARRANTY/GUARANTEE/INDEMNITY

14.1. Warranty/Guarantee

14.1.1. Contractor shall obtain and preserve for the benefit of the District, manufacturer's warranties on materials, fixtures, and equipment incorporated into the Work. All manufacturer, material, and fixture

warranties shall commence at Project Completion. Contractor shall ensure that all warranties are maintained for the benefit of the District, regardless of the who the manufacturer is, who the installing Subcontractor was, if any, etc. While the District will fully expect the Contractor to manage all warranty work through all applicable warranty periods, the District must have that same ability if the Contractor fails to perform its warranty obligations as required.

14.1.2. In addition to guarantees required elsewhere, Contractor shall, and hereby does guarantee and warrant all Work against all defects for a period of **ONE (1)** year after the later of the following dates:

14.1.2.1. The date of completion as defined in Public Contract Code section 7107, subdivision (c),

14.1.2.2. The commissioning date for the Project, if any.

14.1.3. At the District's sole option, Contractor shall repair or replace any and all of that Work, together with any other Work that may be displaced in so doing, that may prove defective in workmanship and/or materials within a **ONE (1)** year period from date of Completion as defined above without expense whatsoever to District. In the event of failure of Contractor and/or Surety to commence and pursue with diligence said replacements or repairs within **TEN (10)** days after being notified in writing, Contractor and Surety hereby acknowledge and agree that District is authorized to proceed to have defects repaired and made good at expense of Contractor and/or Surety who hereby agree to pay costs and charges therefore immediately on demand.

14.1.4. If, in the opinion of District, defective work creates a dangerous condition or requires immediate correction or attention to prevent further loss to District or to prevent interruption of operations of District, District will attempt to give the notice required above. If Contractor or Surety cannot be contacted or neither complies with District's request for correction within a reasonable time as determined by District, District may, notwithstanding the above provision, proceed to make all corrections and/or provide attentions the District believes are necessary. The costs of correction or attention shall be charged against Contractor and Surety of the guarantees provided in this Article or elsewhere in the Contract Documents.

14.1.5. The above provisions do not in any way limit the guarantees on any items for which a longer guarantee is specified or on any items for which a manufacturer gives a guarantee for a longer period. Contractor shall furnish to District all appropriate guarantee or warranty certificates as indicated in the Specifications or upon request by District.

14.1.6. Nothing herein shall limit any other rights or remedies available to District.

14.2. Indemnity

14.2.1. To the furthest extent permitted by California law, Contractor shall indemnify, defend with legal counsel reasonably acceptable to the District, keep and hold harmless the District and its consultants, the Architect and its consultants, the Construction Manager and its consultants, separate contractors, and their respective board members, officers, representatives, contractors, agents, and employees, in both individual and official capacities ("Indemnitees"), against all suits, claims, damages, losses, and expenses, including but not limited to attorney's fees, caused by, arising out of, resulting from, or incidental to, the performance of the Work by Contractor, its Subcontractors, vendors, or suppliers, including, without limitation, any such suit, claim, damage, loss, or expense attributable to, without limitation, bodily injury, sickness, disease, death, alleged patent violation or copyright infringement, or to injury to or destruction of tangible property (including damage to the Work itself) including the loss of use resulting therefrom, except to the extent caused by the sole negligence, active negligence, or willful misconduct of the Indemnitees, and/or to any extent that would render these provisions void or unenforceable. This agreement and obligation of Contractor shall not be construed to negate, abridge, or otherwise reduce

any right or obligation of indemnity that would otherwise exist as to any party or person described herein. This indemnification, defense, and hold harmless obligation includes, without limitation:

14.2.1.1. Any failure or alleged failure by Contractor to comply with any provision of law, any failure or alleged failure to timely and properly fulfill all of its obligations under the Contract Documents in strict accordance with their terms, and without limitation, any stop payment notice actions or liens, including liens by the California Department of Labor Standards Enforcement.

14.2.1.2. Any claim arising (including bid protests) from any errors or mistakes in Contractor's bid documents provided to Subcontractors.

14.2.2. Contractor shall give prompt notice to the District in the event of any injury (including death), loss, or damage included herein. Without limitation of the provisions herein, if Contractor's agreement to indemnify, defend, and hold harmless the Indemnitees as provided herein against liability for damage arising out of bodily injury to persons or damage to property caused by or resulting from the negligence of any of the Indemnitees shall to any extent be or be determined to be void or unenforceable, it is the intention of the parties that these circumstances shall not otherwise affect the validity or enforceability of Contractor's agreement to indemnify, defend, and hold harmless the rest of the Indemnitees, as provided herein, and in the case of any such suits, claims, damages, losses, or expenses caused in part by the default, negligence, or act or omission of Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, and in part by any of the Indemnitees, Contractor shall be and remain fully liable on its agreements and obligations herein to the full extent permitted by law.

14.2.3. In any and all claims against any of the Indemnitees by any employee of Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, Contractor's indemnification obligation herein shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any Subcontractor under workers' compensation acts, disability benefit acts, or other employee benefit acts.

14.2.4. The defense and indemnification obligations hereunder shall survive the Completion of Work, including the warranty/guarantee period, and/or the termination of the Agreement.

15. TIME

15.1. Notice to Proceed

District may issue a Notice to Proceed as indicated in the Instructions to Bidders or will otherwise instruct the Contractor to begin performing the Work of the Project.

15.2. Hours of Work

Work shall be performed during regular working hours as permitted by the appropriate governmental agency except that in the event of an emergency, or when required to complete the Work in accordance with job progress, Work may be performed outside of regular working hours with the advance written consent of the District and approval of any required governmental agencies. Contractor and Subcontractors shall continuously furnish sufficient forces to ensure the performance of the Work in accordance with the Construction Schedule. In no event will the District be responsible for the costs of Work performed outside of regular working hours, including, without limitation, overtime or weekend Work, unless expressly agreed to by the District in writing and approved in a Change Order.

15.3. Progress and Completion

15.3.1. Time of the Essence

Time limits stated in the Contract Documents are of the essence to the Contract. By executing the Agreement, Contractor confirms that the Contract Time is a reasonable period for performing the Work.

15.3.2. No Commencement Without Insurance

15.3.2.1. Contractor shall not commence operations on the Project or elsewhere prior to the effective date of insurance and bonds. The date of commencement of the Work shall not be changed by the effective date of such insurance. If Contractor commences Work without insurance and bonds, all Work is performed at Contractor's peril and shall not be compensable until and unless Contractor secures bonds and insurance pursuant to the terms of the Contract Documents and subject to District's claim for damages.

15.4. Schedule

Contractor shall provide to District, Construction Manager, and Architect a schedule in conformance with the Contract Documents and as required in the Notice to Proceed and the Contractor's Submittals and Schedules section of these General Conditions.

15.5. Expeditious Completion

The Contractor shall proceed expeditiously with adequate forces and shall achieve Completion within the Contract Time.

16. EXTENSIONS OF TIME – LIQUIDATED DAMAGES

16.1. Contractor's Notice of Delay

16.1.1. In addition to the requirements indicated in this subsection, Contractor shall submit any request for an adjustment of the Contract Price or the Contract Time through the Change Order provisions in these General Conditions.

16.1.2. Contractor shall, within **FIVE (5)** calendar days of any delay impacting the critical path in completing the Work, notify District in writing of the causes of the delay including documentation and facts explaining the delay.

16.1.3. Any request by Contractor for an adjustment of the Contract Price or the Contract Time for a delay shall be submitted in accordance with the provisions in the Contract Documents governing changes in Work. When requesting time, requests must be submitted with full justification and documentation. Such justification must be based on the official Construction Schedule as updated at the time of occurrence of the delay or execution of Work related to any changes to the Scope of Work.

16.1.4. Any claim for delay must include the following information as support, without limitation:

16.1.4.1. Duration. The duration of the activity relating to the changes in the Work and the resources (manpower, equipment, material, etc.) required to perform the activities within the stated duration.

16.1.4.2. Schedule Analysis. A detailed schedule analysis articulating the cause of any delay and explaining the delay's impact to critical path and each activity of the Project. This analysis may be in the form of a time impact analysis. The time impact analysis shall provide all documentation and justification necessary to substantiate the requested extension. All

supporting documentation shall be based on the then current Monthly Progress Schedule.

16.1.4.3. Logical Ties / Fragnets. Specific logical ties to the Contract Schedule for the proposed changes and/or delay showing the activity/activities in the Construction Schedule that are affected by the change and/or delay. (A portion of any delay of seven (7) days or more must be provided.) Include a "fragnet" analysis for the portion of the schedule and the activities the Contractor contends are impacted by the delay.

16.1.4.4. Updated Construction Schedule. A recovery or updated Construction Schedule must be submitted.

16.1.5. District shall review the facts and extent of any noticed delay and may grant Contract Time extension(s) of time for completing Work when, in the District's judgment, the findings of fact justify an extension.

16.1.6. Extension(s) of time shall apply only to that portion of Work affected by delay, and shall not apply to other portions of Work not so affected.

16.1.7. An extension of time may only be granted if Contractor has timely submitted the updated Construction Schedule as required herein.

16.1.8. Following submission of a notice of delay, the District may determine whether the delay is to be considered:

16.1.8.1. Excusable and Compensable, Excusable and Non-Compensable, or Unexcused;

16.1.8.2. How long the delay continues; and

16.1.8.3. To what extent the prosecution and Completion of the Work might be delayed thereby.

16.1.9. Contractor's failure to request adjustment(s) of the Contract Time in strict conformity with applicable provisions of the Contract Documents shall be deemed Contractor's waiver of its right to assert a claim for a delay.

16.1.10. Limitations Upon Adjustment of Contract Time on Account of Delays. Any adjustment of the Contract Time on account of an Excusable Delay or a Compensable Delay shall be limited as set forth herein. No adjustment of the Contract Time shall be made on account of any Excusable Delays or Compensable Delays unless those delay(s) actually and directly impact Work or Work activities on the critical path of the then current and updated approved Construction Schedule as of the date on which a delay first occurs. The District shall not be deemed in breach of, or otherwise in default of any obligation hereunder, if the District shall deny a request by the Contractor for an adjustment of the Contract Time for any delay that does not actually and directly impact Work on the then current and updated approved Construction Schedule. In submitting a request for an adjustment of Contract Time, and as a condition precedent to the District's review of that request, Contractor shall insert into the then current and updated approved Construction Schedule a "fragnet" analysis representing the event that Contractor claims to result in delay to the critical path as depicted in the updated approved Construction Schedule. If an Excusable Delay and a Compensable Delay occur concurrently, the maximum extension of the Contract Time shall be the number of days from the commencement of the first delay to the cessation of the delay that ends last. If an Unexcused Delay occurs concurrently with either an Excusable Delay or a Compensable Delay, the maximum extension of the Contract Time shall be the number of days, if any, which the Excusable Delay or the Compensable Delay exceeds the period of time of the Unexcused Delay.

16.2. Excusable and Compensable Delay(s)

16.2.1. Contractor is not entitled to additional compensation for any delay, even a delay caused by Adverse Weather or an Excusable Delay, unless all of the following conditions are met ("**Excusable and Compensable Delay**"):

- 16.2.1.1.** The District is responsible for the delay;
- 16.2.1.2.** The delay is unreasonable under the circumstances involved and impacts the critical path of the Work and extends the most current Contract Completion date;
- 16.2.1.3.** The delay was not within the contemplation of District and Contractor;
- 16.2.1.4.** Contractor complies with the Change Order procedures, and if necessary, the Claims procedures of the Contract Documents;
- 16.2.1.5.** The delay could not have been avoided or mitigated by the Contractor's care, prudence, foresight, and diligence;
- 16.2.1.6.** The delay extends the most current Contract Completion date; and
- 16.2.1.7.** The delay is not concurrent with a Contractor-caused delay or other type of Excusable Delay.

16.2.2. In accordance with California Public Contract Code section 7102, if the Contractor's progress is delayed by the events described in the preceding subsection, Contractor shall not be precluded from the recovery of damages directly and proximately resulting therefrom. In that event, Contractor's damages, if any, shall be limited to direct, actual and unavoidable additional costs of labor, materials or construction equipment directly resulting from that delay, and shall exclude special, indirect or consequential damages. In no event shall Contractor seek costs or damages for delays, interruptions, hindrances or disruptions to the Work for on-Site or off-Site costs or damages based upon formulas, e.g. Eichleay or other formula. Except as expressly provided for herein, Contractor shall not have any other claim, demand or right to adjustment of the Contract Price arising out of delay, interruption, hindrance or disruption to the progress of the Work. Adjustments to the Contract Price and the Contract Time, if any, on account of Changes to the Work or Suspension of the Work shall be governed by the applicable provisions of the Contract Documents, including without limitation, the "Changes in the Work" section and the percentages in the "Format for Proposed Change" section of these General Conditions.

16.3. Excusable and Non-Compensable Delay(s)

16.3.1. An "Excusable Delay" shall mean an interruption of the Work beyond the reasonable control of the Contractor and that:

- 16.3.1.1.** Could have not been avoided by the Contractor exercising care, prudence, foresight, and diligence, and
- 16.3.1.2.** Actually extended the most current Project Completion date.

16.3.2. The Contractor may be entitled to an extension of the Project Completion date if there is an Excusable Delay, but the Contractor shall not be entitled to additional compensation for an Excusable Delay.

16.3.3. Force Majeure.

- 16.3.3.1.** Excusable Delays are limited to interruptions that satisfy the above requirements and that are acts of God; acts of a public enemy; fires; floods; windstorms;

tornadoes; earthquakes; wars; riots; insurrections; epidemics; pandemics; quarantine restrictions; strikes; lockouts; fuel shortages; freight embargoes; and Adverse Weather that satisfies the requirements herein ("**Force Majeure Events**").

16.3.3.2. If an Infectious Disease impacts the progress of the Work and Contractor demonstrates that the event satisfies the conditions of the Contract Documents for an adjustment to the Contract Time, it will be considered a Force Majeure Event.

16.3.3.3. In addition to any other requirement of the Contract Documents, Contractor shall not be entitled to any adjustment to the Contract Time unless Contractor submits a PCO and the District has issued a Change Order pursuant to the "Changes in the Work" provisions herein. If the Parties cannot in good faith and reasonably agree to an increase in the Contract Time, the Parties agree that dispute will be resolved pursuant to the Claims Resolution Process herein.

16.3.4. Contractor is aware that governmental agencies and utilities, including, without limitation, the Division of the State Architect, the Department of General Services, gas companies, electrical utility companies, water districts, and other agencies may have to approve Contractor-prepared drawings or approve a proposed installation. Contractor shall include in its bid, time for possible review of its drawings and for reasonable delays and damages that may be caused by such agencies. Contractor is not entitled to make a claim for damages or delays or an Excusable Delay arising from the review of Contractor's drawings or other approvals from the Division of the State Architect, the Department of General Services, gas companies, electrical utility companies, water districts, and other agencies.

16.3.5. Neither the financial resources of the Contractor or any person or entity directly or indirectly engaged by the Contractor in performance of any portion of the Work shall be deemed conditions beyond the control of the Contractor. If an event of Excusable Delay occurs, the Contract Time shall be subject to adjustment hereunder only if the Contractor establishes: (i) full compliance with all applicable provisions of the Contract Documents relative to the method, manner and time for Contractor's notice and request for adjustment of the Contract Time; (ii) that the event(s) forming the basis for Contractor's request to adjust the Contract Time are outside the reasonable control and without any fault or neglect of the Contractor or any person or entity directly or indirectly engaged by Contractor in performance of any portion of the Work; and (iii) that the event(s) forming the basis for Contractor's request to adjust the Contract Time directly and adversely impacted the critical path of the Work as indicated in the approved Construction Schedule or the most recent updated approved Construction Schedule relative to the date(s) of the claimed event(s) of Excusable Delay.

16.3.6. Computation of Time / Adverse Weather

16.3.6.1. The Contractor will only be allowed a time extension for Adverse Weather conditions if requested by Contractor within five (5) calendar days of the Adverse Weather event, and only if all of the following conditions are met – thereby making the resulting delay an Excusable Delay.

16.3.6.1.1. The weather conditions constitute Adverse Weather, as defined herein and further specified in the Special Conditions;

16.3.6.1.2. Contractor can verify that the Adverse Weather caused delays in excess of five (5) hours of the indicated labor required to complete the scheduled tasks of Work on the day affected by the Adverse Weather;

16.3.6.1.3. The Contractor's crew is dismissed as a result of the Adverse Weather; and

16.3.6.1.4. The number of days of delay exceed those indicated in the Special Conditions.

16.3.6.2. A day-for-day extension will only be allowed for those days in excess of those indicated in the Special Conditions and only if the tasks of Work on the day affected by the Adverse Weather were tasks required to be performed on that day to maintain the critical path of the Construction Schedule.

16.3.6.3. The Contractor shall work seven (7) days per week, if necessary, irrespective of inclement weather, to maintain access and the Construction Schedule, and to protect the Work under construction from the effects of Adverse Weather, all at no further cost to the District.

16.3.6.4. The Contract Time has been determined with consideration given to the average climate weather conditions prevailing in the County in which the Project is located.

16.4. Unexcused Delay(s) – Liquidated Damages

16.4.1. Unexcused delays refer to any delay to the progress of the Work caused by events or factors other than those specifically identified in the "Excusable and Compensable Delay(s)" or the "Excusable and Non-Compensable Delay(s)" sections above ("**Unexcused Delays**"). Neither the Contract Price nor the Contract Time shall be adjusted on account of Unexcused Delays.

16.4.2. Contractor and District hereby agree that the exact amount of damages for failure to complete the Work within the time specified is extremely difficult or impossible to determine. If the Work is not completed within the time specified in the Contract Documents, it is understood that the District will suffer damage. It being impractical and unfeasible to determine the amount of actual damage, it is agreed the Contractor shall forfeit and pay to District as fixed and liquidated damages, and not as a penalty, the amount set forth in the Agreement for each calendar day of delay in Completion. Contractor and its Surety shall be liable for the amount thereof pursuant to Government Code section 53069.85.

16.4.3. Contractor shall not forfeit or pay liquidated damages for an Excusable Delay or an Excusable and Compensable Delay.

17. CHANGES IN THE WORK

17.1. No Changes Without Authorization

17.1.1. There shall be no change whatsoever in the Drawings, Specifications, or in the Work without an executed Change Order, a written Unilateral Change Order, or a written Force Account Directive authorized by the District as herein provided. District shall not be liable for the cost of any extra work, any changes to the Contract Time, or any substitutions, changes, additions, omissions, or deviations from the Drawings and Specifications unless the District's governing board has authorized the same and the cost thereof has been approved in writing by an executed Change Order, a written Unilateral Change Order, or a written Force Account Directive.

17.1.2. Verbal Order of Change in the Work. Any verbal order, direction, instruction, interpretation, or determination from the District, the Project Inspector or the Architect which in the opinion of the Contractor causes any change to the scope of the Work, or otherwise requires an adjustment to the Contract Price or the Contract Time, shall be treated as a Change only if the Contractor gives the Architect written notice within three (3) Business Days of the order, directions, instructions, interpretation or determination and prior to acting in accordance therewith. Time is of the essence in Contractor's written notice pursuant to the preceding sentence so that the District can promptly investigate and consider alternative measures to address the order, direction, instruction, interpretation or determination giving rise to Contractor's notice. Accordingly, Contractor acknowledges that its failure, for any reason, to give written notice within three (3) Business Days of any verbal order, direction, instruction, interpretation or determination shall be deemed Contractor's waiver of any right to assert or claim any entitlement to an adjustment of the Contract Time or the Contract Price on account of that verbal order, direction,

instruction, interpretation or determination. The written notice shall state the date, circumstances, extent of adjustment to the Contract Price or the Contract Time, if any, requested, and the source of the verbal order, directions, instructions, interpretation or determination that the Contractor regards as a Change. Unless the Contractor acts in strict accordance with this procedure, any verbal order, direction, instruction, interpretation or determination shall not be treated as a Change and the Contractor hereby waives any claim for any adjustment to the Contract Price or the Contract Time on account thereof.

17.1.3. The Surety, in executing and providing the Performance Bond and the Payment Bond, shall be deemed to have expressly agreed to any change to the Contract and to any extension of time made by reason thereof.

17.1.4. No extension of time for performance of the Work shall be allowed hereunder unless claim for such extension is made at the time changes in the Work are ordered, and such time duly adjusted in writing in the Change Order, Unilateral Change Order, or Force Account Directive. The provisions of the Contract Documents shall apply to all such changes, additions, and omissions with the same effect as if originally embodied in the Drawings and Specifications.

17.1.5. Contractor shall perform immediately all work that has been authorized by a fully executed Change Order, Unilateral Change Order, or Force Account Directive. Contractor shall be fully responsible for any and all delays and/or expenses caused by Contractor's failure to expeditiously perform this Work and Contractor's failure or refusal to so proceed with that Work may be deemed to be Contractor's default of a material obligation of the Contractor under the Contract Documents.

17.1.6. Should any Change Order result in an increase in the Contract Price, the cost of that Change Order shall be agreed to, in writing, in advance by Contractor and District and be subject to the monetary limitations set forth in Public Contract Code section 20118.4. In the event that Contractor proceeds with any change in Work without a Change Order executed by the District, Unilateral Change Order, or Force Account Directive, Contractor waives any claim of additional compensation or time for that additional work.

17.1.7. Contractor understands, acknowledges, and agrees that the reason for District authorization is so that District may have an opportunity to analyze the Work and decide whether the District shall proceed with the Change Order or alter the Project so that a change in Work becomes unnecessary.

17.1.8. In an emergency affecting safety of life or of work or of adjoining property, Contractor, without special instruction or authorization, shall act, at its discretion, to prevent all threatened loss or injury. Any compensation or time claimed by Contractor on account of emergency work shall be determined as indicated herein as a PCO.

17.1.9. No payments will be made, nor will District accept proposed change orders until the Contractor has complied with all the requirements of the Escrow of Bid Documentation document (if applicable).

17.2. Architect Authority

The Architect will have authority to order minor changes in the Work not involving any adjustment in the Contract Price, or an extension of the Contract Time, or a change that is inconsistent with the intent of the Contract Documents. These changes shall be effected by written Change Order, Unilateral Change Order, or by Architect's response(s) to RFI(s).

17.3. Change Orders

17.3.1. A Change Order is a written instrument prepared and issued by the District and/or the Architect and signed by the District (as authorized by the District's governing board), the Contractor, the Architect, and approved by the Project Inspector (if necessary) and DSA (if necessary), stating their agreement

regarding all of the following:

- 17.3.1.1. A description of a change in the Work;
- 17.3.1.2. The amount of the adjustment in the Contract Price, if any; and
- 17.3.1.3. The extent of the adjustment in the Contract Time, if any.

17.3.2. If a Change Order is required to be approved by DSA, the District may call it a Construction Change Document.

17.3.3. If the District approves a Change, the District or the Architect shall provide a written Change Order to the Contractor describing the Change and setting forth the adjustment to the Contract Time and the Contract Price, if any, on account of that Change. All Change Orders shall be full payment and final settlement of all rights for direct, indirect and consequential costs, including without limitation, costs of delays or impacts related to, or arising out of, items covered and affected by the Change Order, as well as any adjustments to the Contract Time. Any demand or request for an adjustment to the Contract Time or the Contract Price relating to any Change incorporated into a Change Order not presented by the Contractor for inclusion in the Change Order shall be deemed waived. The Contractor shall execute the Change Order prepared pursuant to the foregoing. After the Change Order has been prepared and forwarded to the Contractor for execution, the Contractor shall not modify or amend the form or content of such Change Order, or any portion thereof.

17.4. Unilateral Change Orders

17.4.1. A Unilateral Change Order is a written order prepared and issued by the District, the Construction Manager, and/or the Architect and signed by the District, directing a change in the Work. The District may as provided by law, by Unilateral Change Order and without invalidating the Contract, order changes in the Work consisting of additions, deletions, or other revisions. Any dispute as to the sum of the Unilateral Change Order or timing of payment shall be resolved pursuant to the Payment provisions and the Claims provisions herein. **A Unilateral Change Order is NOT a Construction Change Document (which is defined above as a Change Order that DSA must approve).**

17.4.2. The District may issue a Unilateral Change Order in the absence of agreement on the terms of a Change Order.

17.5. Force Account Directives

17.5.1. When work, for which a definite price has not been agreed upon in advance, is to be paid for on a force account basis, all direct costs necessarily incurred and paid by the Contractor for labor, material, and equipment used in the performance of that Work, shall be subject to the approval of the District and compensation will be determined as set forth herein.

17.5.2. District will issue a Force Account Directive to proceed with the Work on a force account basis, and a not-to-exceed budget will be established by District.

17.5.3. All requirements regarding direct cost for labor, labor burden, material, equipment, and markups on direct costs for overhead and profit described in this section shall apply to Force Account Directives. However, District will only pay for actual costs verified in the field by the District or its authorized representative(s) on a daily basis.

17.5.4. Contractor shall be responsible for all cost related to the administration of Force Account Directive. The markup for overhead and profit for Contractor modifications shall be full compensation to the Contractor to administer Force Account Directive.

17.5.5. Contractor shall notify District or its authorized representative(s) at least twenty-four (24) hours prior to proceeding with any of the force account work. Furthermore, the Contractor shall notify the District when it has consumed eighty percent (80%) of the budget, and shall not exceed the budget unless specifically authorized in writing by the District. Contractor will not be compensated for force account work in the event that Contractor fails to timely notify the District regarding the commencement of force account work, or exceeding the force account budget.

17.5.6. Contractor shall diligently proceed with the work, and on a daily basis, submit a daily force account report on a form supplied by the District no later than 5:00 p.m. each day. The report shall contain a detailed itemization of the daily labor, material, and equipment used on the force account work only. The names of the individuals performing the force account work shall be included on the daily force account reports. The type and model of equipment shall be identified and listed. District will review the information contained in the reports, and sign the reports no later than the next work day, and return a copy of the report to Contractor for its records. District will not sign, nor will Contractor receive compensation for work District cannot verify. Contractor will provide a weekly force account summary indicating the status of each Force Account Directive in terms of percent complete of the not-to-exceed budget and the estimated percent complete of the work.

17.5.7. In the event Contractor and District reach a written agreement on a set cost for the work while the work is proceeding based on a Force Account Directive, the Contractor's signed daily force account reports shall be discontinued and all previously signed reports shall be invalid.

17.6. Price Request

17.6.1. Definition of Price Request. A Price Request ("PR") is a written request prepared by the Architect or the District, requesting the Contractor to submit to the District and the Architect an estimate of the effect of a proposed change in the Work on the Contract Price and the Contract Time.

17.6.2. Scope of Price Request. A Price Request shall contain adequate information, including any necessary Drawings and Specifications, to enable Contractor to provide the cost breakdowns required herein. Contractor shall not be entitled to any additional compensation for preparing a response to a Price Request, whether ultimately accepted or not.

17.6.3. Contractor shall not consider Price Requests to be instructions either to stop work in progress or to execute the proposed change.

17.6.4. Within the time specified in Price Request after receipt of Price Request, Contractor shall submit a quotation estimating cost adjustments to the Contract Price and the Contract Time necessary to execute the change, with the following documentation and information:

17.6.4.1. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.

17.6.4.2. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.

17.6.4.3. Include costs of labor and supervision directly attributable to the change.

17.6.4.4. Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.

17.7. Proposed Change Order

17.7.1. Proposed Change Order. The Contractor may issue a Proposed Change Order ("PCO"), only as a written request prepared by it to the District and the Architect, requesting that the District issue a Change Order based upon a proposed change to the Work.

17.7.2. Changes in Contract Price. A PCO shall include breakdowns pursuant to the provisions herein to validate any change in Contract Price and include all reasonable documentation as required herein.

17.7.3. Changes in Time. A PCO shall also include any changes in time required to complete the Project. Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationships. Use available total float before requesting an extension of the Contract Time. Any additional time requested shall not be the number of days to make the proposed change, but must be based upon the impact to the Construction Schedule as defined in the Contract Documents. If Contractor fails to request a time extension in a PCO, then the Contractor is thereafter precluded from requesting time and/or claiming a delay. If the Contractor is requesting additional time and believes that time is both Excusable and Compensable, then the Contractor must provide detailed documentation that supports its position and that addresses all the components of the "Excusable and Compensable Delay(s)" section above.

17.7.4. Unknown and/or Unforeseen Conditions. If Contractor submits a PCO requesting an increase in Contract Price and/or Contract Time that is based at least partially on Contractor's assertion that Contractor has encountered unknown and/or unforeseen condition(s) on the Project, then Contractor shall base the PCO on provable information that, beyond a reasonable doubt and to the District's satisfaction, demonstrates that the unknown and/or unforeseen condition(s) were actually unknown and/or unforeseen and that the condition(s) were reasonably unknown and/or unforeseen. If not, the District shall deny the PCO and the Contractor shall complete the Project without any increase in Contract Price and/or Contract Time based on that PCO.

17.7.5. Time to Submit PCO. Contractor shall submit its PCO within five (5) days of the date Contractor discovers, or reasonably should discover, the circumstances giving rise to the proposed change order, unless additional time to submit a proposed change order is granted in writing by the District. Time is of the essence in Contractor's written notice pursuant to the preceding sentence so that the District can promptly investigate and consider alternative measures to the address the basis for the PCI. Accordingly, Contractor acknowledges that its failure, for any reason, to give written notice (with Supporting Documentation to permit the District's review and evaluation) within this time frame shall be deemed Contractor's waiver, release, discharge and relinquishment of any right to assert or claim any entitlement to an adjustment of the Contract Time or the Contract Price on account of the circumstances giving rise to the PCO.

17.7.6. COVID-19 and other Infectious Disease(s).

17.7.6.1. Contractor agrees that its bid, the Contract Price and the Contract Time are based on the Contractor's full compliance with all applicable and existing federal, state, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety in connection with Infectious Disease(s) (as defined herein) including COVID-19, and/or any similar virus or derivative strain at the time of Contract award. Therefore, any cost or delay associated with Infectious Disease(s), or any derivative or similar strain thereof, or any federal, state, or local order relating thereto, shall not be considered compensable unless:

17.7.6.1.1. It occurred after the date of the award of the Contract to Contractor;

17.7.6.1.2. It materially increases the Contract Price or the Contract Time; and

17.7.6.1.3. Contractor notifies the District within 10 days of notice of any a new derivative, strain, or new public health order(s), including the anticipated increase to the Contract Price or Contract Time due to the new derivative, strain, or new public health order(s), and Contractor substantiates those costs with detailed supporting documentation as required for a PCO.

17.7.6.2. If, during the construction of the Project, the applicable and existing federal, state, and/or local statutes, orders, rules, regulations, ordinances, and/or directives relating to construction site safety in connection with Infectious Disease(s), and/or any similar virus or derivative strain, are changed or rescinded (e.g., by the reduction of potential exposure or risk due to vaccinations), the Parties agree to reduce the Contract Price and the Contract Time due to the removal of the required efforts. If the Parties cannot mutually agree on the appropriate reduction, the District may issue a Unilateral Change Order for an amount of time and money it determines to be both reasonable and appropriate. The Parties agree that any dispute related to this provision will be resolved pursuant to the Claims Resolution Process herein.

17.8. Format for Proposed Change Order

17.8.1. The following "Format For Proposed Change For Subcontractor Performed Work" and "Format For Proposed Change For Contractor Performed Work" shall be used as applicable by the District and the Contractor (e.g. Change Orders, PCO's) to communicate proposed additions and deductions to the Contract, supported by attached documentation.

FORMAT FOR PROPOSED CHANGE FOR SUBCONTRACTOR PERFORMED WORK

	<u>SUBCONTRACTOR PERFORMED WORK</u>	<u>ADD</u>	<u>DEDUCT</u>
(A)	<u>Labor Charge</u> 1. Hours. Attach total itemized hours, by each Subcontractor at each tier. 2. Rate. This shall be no more than the Straight-Time Total Hourly Rate as determined by the Department of Industrial Relations ("DIR") for the applicable labor category.		
(B)	<u>Labor Burden & Worker's Compensation Charge</u> 1. This shall be no more than <u>twenty percent (20%)</u> of item (A), the Labor Charge. 2. This shall be the total cumulative charge permitted for all Subcontractors or all labor performed by the Subcontractor or Subcontractor's Subcontractor(s) (i.e., all "lower-tier" Subcontractor(s)).		
(C)	<u>Subtotal (A+B)</u>		
(D)	<u>Material Charge</u> Attach itemized quantity and unit cost plus sales tax and invoice(s) from vendor(s).		
(E)	<u>Equipment Charge</u> Attach invoice(s) from supplier(s).		
(F)	<u>Subtotal (C+D+E)</u>		
(G)	<u>Subcontractor's Overhead and Profit Charge</u> 1. This shall be no more than <u>eight percent (8%)</u> of item (F). 2. This shall be the total cumulative mark-up permitted for the Subcontractor and Subcontractor's Subcontractor(s) (i.e., all "lower-tier" Subcontractor(s)).		
(H)	<u>Subtotal (F+G)</u>		
(I)	<u>Contractor's Overhead, Profit, Bond and Insurance</u> 1. This shall be no more than <u>six percent (6%)</u> of Item (F). 2. This shall be the total mark-up permitted for Contractor.		
(J)	<u>TOTAL (H+I)</u>		
(K)	<u>Time</u>	_____ Days	

FORMAT FOR PROPOSED CHANGE FOR CONTRACTOR PERFORMED WORK

	<u>CONTRACTOR PERFORMED WORK</u>	<u>ADD</u>	<u>DEDUCT</u>
(A)	<u>Labor Charge</u> 1. Hours. Attach total itemized hours. 2. Rate. This shall be no more than the Straight-Time Total Hourly Rate as determined by the Department of Industrial Relations ("DIR") for the applicable labor category.		
(B)	<u>Labor Burden & Worker's Compensation Charge</u> 1. This shall be no more than <u>twenty percent (20%)</u> of item (A), the Labor Charge. 2. This shall be the total cumulative charge permitted for all labor performed by Contractor.		
(C)	<u>Subtotal (A+B)</u>		
(D)	<u>Material Charge</u> Attach itemized quantity and unit cost plus sales tax and invoice(s) from vendor(s).		
(E)	<u>Equipment Charge</u> Attach invoice(s) from supplier(s).		
(F)	<u>Subtotal (C+D+E)</u>		
(G)	<u>Contractor's Overhead, Profit, Bond and Insurance</u> 1. This shall be no more than <u>six percent (6%)</u> of Item (F). 2. This shall be the total mark-up permitted for Contractor.		
(H)	<u>TOTAL (F+G)</u>		
(I)	<u>Time</u>	_____ Days	

17.8.2. All Proposed Change Order requests by Contractor for a change shall include a complete itemized breakdown with the following detail:

17.8.2.1. Labor. Labor breakdown by trade classification, wage rates, and estimated hours. Labor costs shall only include fringe benefits indicated by governing trade organizations. Wages shall not exceed current prevailing wages in the locality for performance of the changes.

17.8.2.1.1. The Contractor's or Subcontractors' labor burden and Workers' Compensation premium shall only be charged as indicated herein. In no event shall Contractor include any other charges than as indicated herein without the prior written approval of the District.

17.8.2.2. Material. Material quantities, and types of products, and transportation costs, if applicable.

17.8.2.3. Equipment. Equipment breakdown by make, type, size, rental rates (if not owned), equipment hours and transportation costs, if applicable.

17.8.2.3.1. The equipment costs shall not exceed one hundred percent (100%) of the Association of Equipment Distributors (AED) rental rates and delay factors or Caltrans rates and delay factors, whichever is less. Hourly, daily, weekly, or monthly rates shall be used, whichever is lower. Hourly rates including operator shall not be used.

17.8.2.3.2. The time to be paid for equipment shall be the actual time that the equipment is in (1) productive operation on the Work or (2) idled because of the event or circumstance giving rise to the Proposed Change Order.

17.8.2.3.2.1. To calculate the costs of idle equipment, the Contractor must use the applicable idle equipment rate. For example, and clarification purposes only, if the rate for "X" piece of equipment is \$100 and the applicable delay factor is .20 for that piece of equipment, then the hourly rate for idle equipment shall be \$20 (\$100 x .20), which shall be applied against the number of hours idle. In no event shall Contractor charge an amount greater than 50% of the applicable equipment rate for idle equipment.

17.8.2.3.2.2. In computing the hourly rental of equipment, any time less than thirty (30) minutes shall be considered one-half (1/2) hour.

17.8.2.3.2.3. No payment will be made for time while equipment is inoperative due to breakdown, or for non-workdays.

17.8.2.3.2.4. The rental time shall not include the time required to move the equipment to and from the project site. No mobilization or demobilization will be allowed for equipment already on site. If equipment is not moved by its own power, then loading and transportation costs will be paid in lieu of rental time thereof. However, neither moving time nor loading and transportation costs will be paid if the equipment is used on the Project Site in any other way than upon the work directly related to the event or circumstance giving rise to the Proposed Change Order.

17.8.2.3.3. Individual pieces of equipment having a replacement value of one thousand dollars (\$1,000) or less shall be considered to be small tools or small equipment, and no payment will be made since the costs of these tools and equipment is included as part of the markup for overhead and profit defined herein.

17.8.2.3.4. Payment to the Contractor for the use of equipment as set forth above shall constitute full compensation to the Contractor for the cost of fuel, power, oil, lubricants,

supplies, small equipment, necessary attachments, repairs and maintenance of any kind, depreciation, storage, insurance, labor (except for equipment operators), and any and all costs to the Contractor incidental to the use of the equipment.

17.8.2.3.5. Should Contractor, or any of its owners, officers, directors or agents, hold any ownership interest in any company, organization, association or corporation from whom rental equipment is secured. Contractor shall immediately notify District of such and the price set for any such rental shall be agreed upon in advance by the Contractor and the District.

17.8.2.4. Overhead, Profit, Bond and Insurance Costs. Markup for overhead and profit, which shall be used to compensate Contractor for all costs for all administration, general conditions, and supervision, including, without limitation:

17.8.2.4.1. All home office overhead, field office overhead, field office personnel including, but not limited to, principals, project managers, superintendents, supervisory foremen, estimators, project engineers, detailers, draftsmen, schedulers, consultants, watchmen, payroll clerks, administrative assistants, labor compliance costs and secretaries.

17.8.2.4.2. All field and field office expenses including, but not limited to, field trailers, parking, storage sheds, office equipment and supplies, telephone service and long distance telephone calls, computers, fax machines, temporary utilities, sanitary facilities and services, janitorial services, small tools and equipment with a cost under \$1000 each, portable scaffolding, blocking, shores, appliances, job vehicles, security and fencing, conformance to regulatory requirements including compliance to safety regulations, safety programs and meetings, cartage, warranties, As-Built Drawings, as well as any related maintenance costs.

17.8.2.4.3. Administrative functions such as, but not limited to, reviewing, coordinating, distributing, processing, posting, recording, estimating, negotiating, expediting, engineering, drawing, detailing, revising shop drawings, carting, cleaning, protecting the work, and other incidental Work related to the change.

17.8.2.4.4. All other costs and taxes required to be paid, but not included under direct costs as defined above including, without limitation, payroll taxes, social security, etc.

17.8.2.4.5. All costs for Contractor's bonds and insurance.

17.8.2.4.6. Taxes: Federal excise tax shall not be included. District will issue an exemption on request.

17.8.2.5. Contract Time. Justification for any adjustment in Contract Time including a schedule analysis identifying critical schedule activities delayed by the request. Contract Time shall be extended or reduced by Change Orders, Unilateral Change Orders, or Force Account Directives for a period of time commensurate with the time reasonably necessary to perform a Change. This time must be requested in writing by the Contractor with the Price Request, PCO, or expressly in writing as part of its documentation for Unilateral Change Orders, or Force Account Directives. The Contractor shall justify any Contract Time extension by submittal of a schedule analysis as required in this Changes section of these General Conditions accurately portraying the impact of the change on the critical path of the Construction Schedule. Changes performed within available float shall not justify an extension to the Contract Time. The District shall make the final determination of the amount of Contract Time to allocate to any Change.

17.8.2.6. Supporting Documentation. Contractor shall include with each PCO, along with the itemized breakdown as required herein, reasonable documentation substantiating the

requested change in the Contract Price and Contract Time. If the District deems Contractor's supporting documentation incomplete or inadequate to substantiate the requested change to the Contract Price and Contract Time, the District may request that Contractor supplement the PCO with additional, reasonable supporting documentation.

17.9. Change Order Certification

17.9.1. All Change Orders and PCOs shall include the following certification by the Contractor. The Parties acknowledged that if a Change Order is approved that does not include this language, that Change Order shall be deemed to include this certification language:

The Contractor approves the foregoing as to the changes, if any, and the price specified for each item and the extension of time allowed, if any, for completion of the entire Work as stated herein, and agrees to furnish all labor, materials, and service, and perform all work necessary to complete all additional work specified for the consideration stated herein. Submission of sums that have no basis in fact or which Contractor knows are false are at the sole risk of Contractor and may be a violation of the False Claims Act set forth under Government Code section 12650 et seq. It is understood that the changes herein to the Contract shall only be effective when approved by the governing board of the District. It is expressly understood that the value of the extra Work or changes includes all of the Contractor's costs, expenses, field overhead, home office overhead, profit, both direct and indirect, resulting from additional time required on the Project or resulting from delay to the Project. Any costs, expenses, damages, or time extensions not included are deemed waived.

17.10. Determination of Change Order Cost

17.10.1. The amount of the increase or decrease in the Contract Price from a Change Order, if any, shall be determined in one or more of the following ways as applicable to a specific situation and at the District's discretion:

17.10.1.1. District acceptance of a PCO;

17.10.1.2. By agreement between District and Contractor.

17.10.1.3. By unit prices or alternates contained in Contractor's original bid. If the Bid for the Work included proposal(s) for Alternate Bid Item(s), during Contractor's performance of the Work, the District may elect to add any such Alternate Bid Item(s) if the that item did not form a basis for award of the Contract or delete any such Alternate Bid Item(s) if that item formed a basis for award of the Contract. If the District elects to add or delete an Alternate Bid Item(s) pursuant to the foregoing, the cost or credit for that Alternate Bid Item(s) shall be as set forth in the Contractor's Bid, at the District's discretion. If any Alternate Bid Item is added or deleted from the Work pursuant to the foregoing, the Contract Time shall be adjusted by the number of days allocated for the added or deleted Alternate Bid Item in the Contract Documents; if days are not allocated for any Alternate Bid Item added or deleted pursuant to the foregoing, the Contract Time shall be equitably adjusted.

17.10.1.4. By the District, based upon actual and necessary costs incurred by the Contractor as determined by the District on the basis of the Contractor's records. Promptly upon determining the extent of adjustment to the Contract Price, the District shall notify the Contractor in writing of the same; the Contractor shall be deemed to have accepted the District's determination of the amount of adjustment to the Contract Price on account of a Change to the

Work unless Contractor shall notify the District, in writing, not more than fifteen (15) days from the date of the District's written notice, of any objection to the District's determination. Failure of the Contractor to timely notify the District of Contractor's objections to the District's determination of the extent of adjustment to the Contract Price shall be deemed Contractor's acceptance of the District's determination and a waiver of any right or basis of the Contractor to thereafter protest or otherwise object to the District's determination. Notwithstanding any objection of the Contractor to the District's determination of the extent of any adjustment to the Contract Price pursuant to this provision, Contractor shall diligently proceed to perform and complete any such Change.

17.11. Deductive Change Orders

If Contractor offers a proposed amount for a deductive Change Order(s), Contractor shall include a minimum of five percent (5%) total overhead and profit to be deducted with the amount of the work of the Change Order(s). If Subcontractor work is involved, Subcontractors shall also include a minimum of five percent (5%) overhead and profit to be deducted with the amount of its deducted work, for a total minimum of ten percent (10%) total overhead and profit to be deducted. Any deviation from this provision shall not be allowed.

17.12. Discounts, Rebates and Refunds

For purposes of determining the cost, if any, of any change, addition, or omission to the Work hereunder, all trade discounts, rebates, refunds, and all returns from the sale of surplus materials and equipment shall accrue and be credited to the Contractor, and the Contractor shall make provisions so that such discounts, rebates, refunds, and returns may be secured, and the amount thereof shall be allowed as a reduction of the Contractor's cost in determining the actual cost of construction for purposes of any change, addition, or omission in the Work as provided herein.

17.13. Accounting Records

With respect to portions of the Work performed by Change Orders, Unilateral Change Orders, or Force Account Directives, Contractor shall keep and maintain cost-accounting records satisfactory to the District, which shall be available to the District on the same terms as any other books and records Contractor is required to maintain pursuant to the Contract Documents.

17.14. Notice Required

If Contractor is seeking an adjustment in the Contract Price, or any extension in the Contract Time for Completion, it shall notify District pursuant to the provisions of the Contract Documents. No adjustment in the Contract Price or Contract Time shall be considered unless made in accordance with the Contract Documents. Contractor shall proceed to execute the Work even though the adjustment may not have been agreed upon. Any change in the Contract Price or extension of the Contract Time resulting from such contract adjustment shall only be authorized by a Change Order.

17.15. Applicability to Subcontractors

Any requirements under this Article shall be equally applicable to Change Orders, Unilateral Change Orders, or Force Account Directives issued to Subcontractors by the Contractor to the extent as required by the Contract Documents.

17.16. Alteration to Change Order Language

Contractor shall not alter Change Orders or reserve time in Change Orders. Contractor shall execute finalized Change Orders and proceed under the provisions herein with proper notice.

17.17. Failure of Contractor to Execute Change Order

Contractor shall be in default of the Contract if Contractor fails to execute a Change Order when the Contractor agrees with the addition and/or deletion of the Work in that Change Order.

18. REQUEST FOR INFORMATION

18.1. Any Request for Information ("RFI") shall reference all applicable Contract Document(s), including Specification section(s), detail(s), page number(s), drawing number(s), and sheet number(s), etc. Contractor shall make suggestions and interpretations of the issue raised by each RFI. An RFI cannot modify the Contract Price, Contract Time, or the Contract Documents.

18.2. Contractor shall be liable to the District for all costs incurred by the District associated with the processing, reviewing, evaluating and responding to any RFI, including without limitation, fees of the Architect and any other design consultant to the Architect or the District, that District reasonably determines:

18.2.1. Does not reflect adequate or competent supervision or coordination by the Contractor or any Subcontractor; or

18.2.2. Does not reflect the Contractor's adequate or competent knowledge of the requirements of the Work or the Contract; or

18.2.3. Requests an interpretation or decision of a matter where the information sought is equally available to the Contractor; or

18.2.4. Is not justified for any other reason.

18.3. Prior to submitting the RFI, Contractor shall diligently review the Contract Documents for information responsive to the RFI, including information incorporated by reference. Contractor should not issue an RFI regarding information contained in or inferable from the Contract Documents, including information incorporated by reference. An RFI is invalid if the RFI response is contained in or inferable from the Contract Documents.

18.4. Contractor shall be responsible for preparing and submitting each RFI so as to not cause delay to the progress of the Work nor to cause any impact to the Contractor's labor productivity. An RFI may be considered untimely if not submitted within **Forty Eight (48) hours** of receipt from a Contractor's subcontractor. Untimely submission of any RFI will preclude Contractor from asserting any claims for delay or for labor impact against the District.

18.5. If the Contractor fails to timely notify the Architect in writing of any Conditions encountered and the Contractor proceeds to perform any portion of the Work containing or affected by such Conditions the Contractor shall bear all costs associated with or required to correct, remove, or otherwise remedy any portion of the Work affected thereby without adjustment of the Contract Time or the Contract Price. In requesting information of the District to address and resolve any conditions, the Contractor shall act with promptness in submitting any written request so as to allow the District a reasonable period of time to review, evaluate and respond to any request, taking into account the then current status of the progress and completion of the Work and the actual or potential impact of any conditions upon the completion of the Work within the Contract Time. The Contract Time shall not be subject to adjustment in the event that the Contractor shall fail to timely request information from the District.

19. PAYMENTS

19.1. Contract Price

19.1.1. The Contract Price is stated in the Agreement and, including authorized adjustments, is the total amount payable by the District to the Contractor for performance of the Work pursuant to the Contract Documents. If all or a portion of the Project is being funded by funds requiring approval by the State Allocation Board (SAB), payment may be subject to that approval being received, funding by the SAB, and funds being released by the Office of Public School Construction (OPSC).

19.2. Applications for Progress Payments

19.2.1. Procedure for Applications for Progress Payments

19.2.1.1. Application for Progress Payment

19.2.1.1.1. Not before the fifth (5th) day of each calendar month during the progress of the Work, Contractor shall submit to the District and the Architect an itemized Application for Payment for Work completed in accordance with the Schedule of Values. The Application for Payment shall be notarized, if required, and supported by the following or each portion thereof unless waived by the District in writing:

19.2.1.1.1.1. The amount paid to the date of the Application for Payment to the Contractor, to all its Subcontractors, and all others furnishing labor, material, or equipment for its Contract;

19.2.1.1.1.2. The amount being requested by the Application for Payment by the Contractor on its own behalf and separately stating the amount requested on behalf of each of the Subcontractors and all others furnishing labor, material, and equipment under the Contract;

19.2.1.1.1.3. The balance that will be due to each of the entities after payment is made;

19.2.1.1.1.4. A certification that the As-Built Drawings and annotated Specifications are current;

19.2.1.1.1.5. An Itemized breakdown of Work performed;

19.2.1.1.1.6. An updated and acceptable construction schedule in conformance with the provisions herein;

19.2.1.1.1.7. The additions to and subtractions from the Contract Price and Contract Time;

19.2.1.1.1.8. A total of the retention held;

19.2.1.1.1.9. The material invoices, evidence of equipment purchases, rentals, and other support and details of cost as the District may require from time to time;

19.2.1.1.1.10. The percentage of completion of the Contractor's Work by line item;

19.2.1.1.1.11. The Schedule of Values updated from the preceding Application for Payment;

19.2.1.1.1.12. A duly completed and executed conditional waiver and release upon progress payment compliant with Civil Code section 8132 from each subcontractor of any tier and supplier to be paid from the current progress payment;

19.2.1.1.1.13. A duly completed and executed unconditional waiver and release upon progress payment compliant with Civil Code section 8134 from each subcontractor of any tier and supplier that was paid from the previous progress payment; and

19.2.1.1.1.14. A certification by the Contractor of the following:

The Contractor warrants title to all Work performed as of the date of this payment application. The Contractor further warrants that all Work performed as of the date of this payment application is free and clear of liens, claims, security interests, or encumbrances in favor of the Contractor, Subcontractors, material and equipment suppliers, workers, or other persons or entities making a claim by reason of having provided labor, materials, and equipment relating to the Work, except those of which the District has been informed.

19.2.1.1.1.15. If requested by the District, a third party, or as required by the California Department of Industrial Relations, all requested or required certified payroll record ("CPR(s)") for each journeyman, apprentice, worker, or other employee employed by the Contractor and/or each Subcontractor in connection with the Work for the period of the Application for Payment.

19.2.1.1.2. Except as expressly provided for herein, no payments shall be made by the District on account of any item of the Work, including without limitation, materials or equipment that, at the time of the Contractor's submittal of an Application for Progress Payment, has/have not been incorporated into and made a part of the Work.

19.2.1.1.3. Contractor shall be subject to the False Claims Act set forth under Government Code section 12650 et seq., for information provided with any Application for Progress Payment.

19.2.2. Prerequisites for Progress Payments

19.2.2.1. First Payment Request: The following items, if applicable, must be completed before District will accept and/or process Contractor's first payment request:

19.2.2.1.1. Installation of the Project sign;

19.2.2.1.2. Installation of field office;

19.2.2.1.3. Installation of temporary facilities and fencing;

19.2.2.1.4. Schedule of Values;

19.2.2.1.5. Contractor's Construction Schedule;

19.2.2.1.6. Schedule of unit prices, if applicable;

19.2.2.1.7. Submittal Schedule;

19.2.2.1.8. Receipt by Architect of all submittals due as of the date of the payment application;

19.2.2.1.9. Copies of necessary permits;

- 19.2.2.1.10. Copies of authorizations and licenses from governing authorities;
- 19.2.2.1.11. Initial progress report;
- 19.2.2.1.12. Surveyor qualifications;
- 19.2.2.1.13. Written acceptance of District's survey of rough grading, if applicable;
- 19.2.2.1.14. List of all Subcontractors, with names, license numbers, telephone numbers, and Scope of Work;
- 19.2.2.1.15. All bonds and insurance endorsements; and
- 19.2.2.1.16. Resumes of Contractor's project manager, and if applicable, job site secretary, record documents recorder, and job site superintendent.

19.2.2.2. Second Payment Request: District will not process the second payment request until and unless all submittals and Shop Drawings have been accepted for review by the Architect.

19.2.2.3. No Waiver of Criteria: Any payment made to Contractor where criteria set forth herein have not been met shall not constitute a waiver of said criteria by District. The approval of any Application for Progress Payment or the disbursement of any Progress Payment to the Contractor shall not be deemed nor constitute acceptance of defective Work or Work not in conformity with the Contract Documents. Instead, such payment shall be construed as a good faith effort by District to resolve differences so Contractor may pay its Subcontractors and suppliers. Contractor agrees that failure to submit such items may constitute a material breach of the Contract by Contractor and may subject Contractor to termination.

19.3. Progress Payments

19.3.1. District's Approval of Application for Payment

19.3.1.1. Upon receipt of an Application for Payment, District shall act in accordance with the following:

19.3.1.1.1. Each Application for Payment shall be reviewed by the District as soon as practicable after receipt for the purpose of determining that the Application for Payment is a proper Application for Payment.

19.3.1.1.2. Any Application for Payment determined not to be a proper Application for Payment suitable for payment shall be returned to the Contractor as soon as practicable, but not later than seven (7) days, after receipt. An Application for Payment returned pursuant to this paragraph shall be accompanied by a document setting forth in writing the reasons why the Application for Payment is not proper. The number of days available to the District to make a payment without being subject to any applicable statute regarding prompt payment or interest accrual, shall be reduced by the number of days by which the District exceeds this seven-day return requirement.

19.3.1.1.3. An approved Application for Payment shall be considered payable if funds are available for payment after the deduction of amounts allowed by law and/or pursuant to the section herein entitled "Decisions to Withhold Payment,"

19.3.1.2. The District's review of the Contractor's Application for Payment will be based

on the District's and the Architect's observations at the Site and the data comprising the Application for Payment that the Work has progressed to the point indicated and that, to the best of the District's and the Architect's knowledge, information, and belief, the quality of the Work is in accordance with the Contract Documents. The foregoing representations are subject to:

19.3.1.2.1. Observation of the Work for general conformance with the Contract Documents,

19.3.1.2.2. Results of subsequent tests and inspections,

19.3.1.2.3. Minor deviations from the Contract Documents correctable prior to Completion, and

19.3.1.2.4. Specific qualifications expressed by the Architect.

19.3.1.3. District's approval of each Application for Payment shall be based on Contractor complying with all requirements for a fully complete and valid Application for Payment.

19.3.2. Payments to Contractor

19.3.2.1. Within thirty (30) days after District's receipt of each undisputed and properly submitted Application for Payment, Contractor shall be paid a sum equal to ninety-five percent (95%) of the value of the Work performed (as verified by Architect and Inspector and certified by Contractor) up to the last day of the previous month, less the aggregate of previous payments and amount to be withheld. The value of the Work completed shall be Contractor's best estimate. No inaccuracy or error in Contractor's estimate shall operate to release the Contractor, or any Surety upon any bond, from damages arising from such Work, or from the District's right to enforce each and every provision of this Contract, and the District shall have the right subsequently to correct any error made in any estimate for payment.

19.3.2.2. District shall withhold five percent (5%) retention from all Progress Payments.

19.3.2.3. District may withhold ten percent (10%) retention from all Progress Payments pursuant to Public Contract Code section 7201, if the Project is determined to be "substantially complex."

19.3.2.4. The Contractor shall not be entitled to have any payment requests processed, or be entitled to have any payment made for Work performed, so long as any lawful or proper direction given by the District concerning the Work, or any portion thereof, remains incomplete.

19.3.2.5. In accordance with Public Contract Code §20104.50, in the event that the District shall fail to make any Progress Payment within thirty (30) days after receipt of an undisputed and properly submitted Application for Progress Payment, the District shall pay the Contractor interest on the undisputed amount of such Application for Progress Payment equal to the legal rate of interest set forth in California Code of Civil Procedure §685.010(a).

19.3.3. No Waiver

No payment by District hereunder shall be interpreted so as to imply that District has inspected, approved, or accepted any part of the Work. Notwithstanding any payment, the District may enforce each and every provision of this Contract. The District may correct or require correction of any error subsequent to any payment.

19.3.4. Warranty of Title

19.3.4.1. If a lien or a claim based on a stop notice or stop payment notice of any nature should at any time be filed against the Work or any District property, by any entity that has supplied material or services at the request of the Contractor, Contractor and Contractor's Surety shall promptly, on demand by District and at Contractor's and Surety's own expense, take any and all action necessary to cause any such lien or a claim based on a stop notice or stop payment notice to be released or discharged immediately therefrom.

19.3.4.2. If the Contractor fails to furnish to the District within ten (10) calendar days after demand by the District, satisfactory evidence that a lien or a claim based on a stop notice or stop payment notice has been so released, discharged, or secured, the District may discharge such indebtedness and deduct the amount required therefore, together with any and all losses, costs, damages, and attorney's fees and expense incurred or suffered by District from any sum payable to Contractor pursuant to the Contract.

19.4. Decisions to Withhold Payment

19.4.1. Reasons to Withhold Payment

District may withhold payment in whole, or in part, to the extent reasonably necessary to protect the District if, in the District's opinion, the representations to the District required herein cannot be made. District may withhold payment, in whole, or in part, to such extent as may be necessary to protect the District from loss because of, but not limited to:

19.4.1.1. Defective Work not remedied within **FORTY-EIGHT (48)** hours of written notice to Contractor;

19.4.1.2. Stop notices, stop payment notices or other liens served upon the District as a result of the Contract;

19.4.1.3. Liquidated damages assessed against the Contractor;

19.4.1.4. The cost to complete the Work if there exists reasonable doubt that the Work can be completed for the unpaid balance of the Contract Price or by the Completion Date;

19.4.1.5. Damage to the District or other contractor(s);

19.4.1.6. Unsatisfactory performance of the Work by Contractor;

19.4.1.7. Failure to store and properly secure materials;

19.4.1.8. Failure of the Contractor to submit, on a timely basis, proper, sufficient, and acceptable documentation required by the Contract Documents, including, without limitation, a Construction Schedule, Schedule of Submittals, Schedule of Values, Monthly Progress Schedules, Shop Drawings, Product Data and samples, Proposed product lists, executed Change Orders, and/or verified reports;

19.4.1.9. Failure of the Contractor to maintain As-Built Drawings;

19.4.1.10. Erroneous estimates by the Contractor of the value of the Work performed, or other false statements in an Application for Payment;

19.4.1.11. Unauthorized deviations from the Contract Documents;

19.4.1.12. Failure of the Contractor to perform the Work in a timely manner in compliance with the Construction Schedule, established progress schedules, and/or completion dates;

19.4.1.13. If requested by the District, or the failure to provide to the DIR, certified payroll records acceptable to the District and the DIR for each journeyman, apprentice, worker, or other employee employed by the Contractor and/or each Subcontractor in connection with the Work for the period of the Application for Payment;

19.4.1.14. Failure to properly pay prevailing wages as defined in Labor Code sections 1720 et seq. and/or failure to comply with any other Labor Code requirements;

19.4.1.15. Failure to properly maintain or clean up the Site;

19.4.1.16. Failure to timely indemnify, defend or hold harmless the District;

19.4.1.17. Any payments due to the District, including but not limited to payments for failed tests, utilities changes, or permits;

19.4.1.18. Failure to pay Subcontractor(s) or supplier(s) as required by law and by the Contract Documents;

19.4.1.19. Failure to pay any royalty, license or similar fees;

19.4.1.20. Failure of the Contractor to submit on a timely basis all Closeout Documentation in a manner and form that is proper, sufficient, and reasonably acceptable to the District, and to not cause a delay in the Completion or approval of the Project; or

19.4.1.21. Failure to perform any implementation and/or monitoring required by any SWPPP for the Project and/or the imposition of any penalties or fines imposed therefore against Contractor or District.

19.4.1.22. Payment is delayed due to an audit inquiry by the State, the County Office of Education, the County, or any entity with jurisdiction related to the Project.

19.4.1.23. Contractor is otherwise in breach, default or in substantial violation of any provision of the Contract;

19.4.2. Reallocation of Withheld Amounts

19.4.2.1. District may, in its discretion, apply any withheld amount to pay outstanding claims or obligations as defined herein. In so doing, District shall make such payments on behalf of Contractor. If any payment is so made by District, then that amount shall be considered a payment made pursuant to the Contract and District shall not be liable to Contractor for any payment made in good faith. These payments may be made without prior judicial determination of claim or obligation. District will render Contractor an accounting of funds disbursed on behalf of Contractor.

19.4.2.2. If Contractor defaults or neglects to perform the Work in accordance with the Contract Documents or fails to perform any provision thereof, District may, after **FORTY-EIGHT (48)** hours written notice to the Contractor and, without prejudice to any other remedy, make good such deficiencies. District shall adjust the total Contract Price by reducing the amount thereof by the cost of making good such deficiencies. If District deems it inexpedient to correct Work that is damaged, defective, or not done in accordance with Contract provisions, an

equitable reduction in the Contract Price (of at least one hundred twenty-five percent (125%) of the estimated reasonable value of the nonconforming Work) shall be made therefor.

19.4.3. Payment After Cure

When Contractor cures the grounds for declining approval, payment shall be made for amounts so withheld. No interest shall be paid on any retention or amounts withheld due to the failure of the Contractor to perform in accordance with the terms and conditions of the Contract Documents.

19.5. Subcontractor Payments

19.5.1. Payments to Subcontractors. No later than seven (7) days after receipt, or pursuant to Business and Professions Code section 7108.5 and Public Contract Code section 7107, the Contractor shall pay to each Subcontractor, out of the amount paid to the Contractor on account of such Subcontractor's portion of the Work, the amount to which said Subcontractor is entitled. Contractor shall, by appropriate agreement with each Subcontractor, require each Subcontractor to make payments to its Sub-subcontractors in a similar manner.

19.5.2. No Obligation of District for Subcontractor Payment. District shall have no obligation to pay, or to see to the payment of, money to a Subcontractor except as may otherwise be required by law.

19.5.3. Joint Checks. District shall have the right in its sole discretion, if necessary for the protection of the District, to issue joint checks made payable to the Contractor and Subcontractors and material or equipment suppliers. The joint check payees shall be responsible for the allocation and disbursement of funds included as part of any such joint payment. In no event shall any joint check payment be construed to create any contract between the District and a Subcontractor of any tier, any obligation from the District to such Subcontractor, or rights in such Subcontractor against the District.

20. COMPLETION OF THE WORK

20.1. Completion

20.1.1. The Project may only be accepted by action of the governing board of the District.

20.1.2. District shall accept the Project and may have a Notice of Completion recorded when Project Completion has been achieved in accordance with the Contract Documents and to the satisfaction of District. For purposes of the payment of Retention, Completion is defined in Public Contract Code section 7107. For purposes of the timely filing of Stop Payment Notices, Completion is defined in California Civil Code section 9200, et seq.

20.1.3. There is no "*substantial completion*" for this Project. Even so, the District, at its sole option, may accept the Project and record a Notice of Completion when Project Completion has been completed to the satisfaction of District, except for minor corrective items, as distinguished from incomplete items. If Contractor fails to complete all minor corrective items within thirty-five (35) days after the date of the District's acceptance of the Project, District shall withhold from the final payment one hundred fifty percent (150%) of an estimate of the amount sufficient to complete the corrective items, as determined by District, until the item(s) are completed.

20.1.4. At the end of the thirty-five (35) day period, if there are any items remaining to be corrected, District may elect to proceed as provided herein related to adjustments to Contract Price, and/or District's right to perform the Work of the Contractor.

20.2. Closeout Procedures

20.2.1. Punch List

Contractor shall notify the Architect when Contractor considers the Work complete. Upon notification, Architect will prepare a list of minor items to be completed or corrected ("Punch List"). Contractor and/or its Subcontractors shall proceed promptly to complete and correct items on the Punch List. Failure to include an item on Punch List does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

20.2.2. Closeout Requirements

20.2.2.1. Utility Connections

Buildings shall be connected to water, gas, sewer, and electric services, complete and ready for use. Service connections shall be made and existing services reconnected.

20.2.2.2. As-Built Drawings

20.2.2.2.1. In addition to its requirement to provide monthly As-Built Drawings to the District, the Contractor shall provide a final set of As-Built Drawings, sometimes referred to as "Record Drawings," showing all of the Work as actually constructed upon Completion of the Project as indicated in the Specifications.

20.2.2.2.2. Contractor is liable and responsible for any and all inaccuracies in the As-Built Drawings, even if inaccuracies become evident at a future date.

20.2.2.2.3. Upon Completion of the Work and as a condition precedent to approval of final payment, Contractor shall obtain the Inspector's approval of the final set of As-Built Drawings.

20.2.2.3. Operations & Maintenance Manuals: Contractor shall prepare all operation and maintenance manuals and date as indicated in the Specifications.

20.2.2.4. Closeout Documentation: Contractor shall provide all Closeout Documentation, which shall include the following, without limitation:

20.2.2.4.1. A full set of final As-Built Drawings, as further defined herein.

20.2.2.4.2. All Operations & Maintenance Manuals and information, as further defined herein.

20.2.2.4.3. All Warranties, as further defined herein.

20.2.2.4.4. Verified report(s) for all scope(s) of work (DSA 6-C, Rev 03/22/13, or more recent revision if available).

20.3. Final Inspection

20.3.1. Contractor shall comply with Punch List procedures as provided herein, and maintain the presence of Contractor's superintendent and project manager until the Punch List is complete to ensure proper and timely completion of the Punch List. Under no circumstances shall Contractor demobilize its forces prior to completion of the Punch List. Upon receipt of Contractor's written notice that all of the Punch List items have been fully completed and the Work is ready for final inspection and acceptance, Architect and Project Inspector will inspect the Work and shall submit to Contractor and District a final inspection report noting the Work, if any, required in order to complete in accordance with the Contract

Documents. Absent unusual circumstances, this report shall consist of the Punch List items not yet satisfactorily completed.

20.3.2. Upon Contractor's completion of all items on the Punch List and any other uncompleted portions of the Work, the Contractor shall notify the District and Architect, who shall again inspect such Work. If the Architect finds the Work complete and acceptable under the Contract Documents, the Architect will notify Contractor, who shall then jointly submit to the Architect and the District its final Application for Payment.

20.3.3. Final Inspection Requirements

20.3.3.1. Before calling for final inspection, Contractor shall determine that the following have been performed:

20.3.3.1.1. The Work has been completed.

20.3.3.1.2. All life safety items are completed and in working order.

20.3.3.1.3. Mechanical and electrical Work are complete and tested, fixtures are in place, connected, and ready for tryout.

20.3.3.1.4. Electrical circuits scheduled in panels and disconnect switches labeled.

20.3.3.1.5. Painting and special finishes complete.

20.3.3.1.6. Doors complete with hardware, cleaned of protective film, relieved of sticking or binding, and in working order.

20.3.3.1.7. Tops and bottoms of doors sealed.

20.3.3.1.8. Floors waxed and polished as specified.

20.3.3.1.9. Broken glass replaced and glass cleaned.

20.3.3.1.10. Grounds cleared of Contractor's equipment, raked clean of debris, and trash removed from Site.

20.3.3.1.11. Work cleaned, free of stains, scratches, and other foreign matter, of damaged and broken material replaced.

20.3.3.1.12. Finished and decorative work shall have marks, dirt, and superfluous labels removed.

20.3.3.1.13. Final cleanup, as provided herein.

20.4. Costs of Multiple Inspections

More than two (2) requests of the District to make a final inspection shall be considered an additional service of District, Architect, Construction Manager, and/or Project Inspector, and all subsequent costs will be invoiced to Contractor and if funds are available, withheld from remaining payments.

20.5. Partial Occupancy or Use Prior to Completion

20.5.1. District's Rights to Occupancy. The District may occupy or use any completed or partially completed portion of the Work at any stage. Neither the District's Final Acceptance, the making of Final

Payment, any provision in Contract Documents, nor the use or occupancy of the Work, in whole or in part, by District shall constitute acceptance of Work not in accordance with the Contract Documents nor relieve the Contractor or the Contractor's Performance Bond Surety from liability with respect to any warranties or responsibility for faulty or defective Work or materials, equipment and workmanship incorporated therein. The District and the Contractor shall agree in writing to the responsibilities assigned to each of them for payments, security, maintenance, heat, utilities, damage to the Work, insurance, the period for correction of the Work, and the commencement of warranties required by the Contract Documents. Any dispute as to responsibilities shall be resolved pursuant to the Claims provisions herein, with the added provision that during the dispute process, the District shall have the right to occupy or use any portion of the Work that it needs or desires to use.

20.5.2. Inspection Prior to Occupancy or Use. Immediately prior to partial occupancy or use, the District, the Contractor, and the Architect shall jointly inspect the area to be occupied or portion of the Work to be used in order to determine and record the condition of the Work.

20.5.3. No Waiver. Unless otherwise agreed upon, partial or entire occupancy or use of a portion or portions of the Work shall not constitute beneficial occupancy or acceptance of the Work not complying with the requirements of the Contract Documents.

21. FINAL PAYMENT AND RETENTION

21.1. Final Payment

21.1.1. Upon receipt and approval of a valid and final Application for Payment, the Architect will issue a final Certificate of Payment or similar document indicating Architect's agreement that the Project has reached Completion. The District shall thereupon jointly inspect the Work and either accept the Work as complete or notify the Architect and the Contractor in writing of reasons why the Work has not reached Completion to the satisfaction of the District.

21.1.2. Upon acceptance of the Work of the Contractor as having reached Completion to the satisfaction of the District (that, absent unusual circumstances, will occur when the Punch List items have been satisfactorily completed), the District may record a Notice of Completion with the County Recorder, and the Contractor shall, upon receipt of final payment from the District, pay all the amount(s) due to its Subcontractors.

21.2. Prerequisites for Final Payment

The following conditions must be fulfilled prior to Final Payment:

21.2.1. A full and final waiver or release of all stop notices and stop payment notices in connection with the Work shall be submitted by Contractor, including a release of stop notice or stop payment notice in recordable form, together with (to the extent permitted by law) a copy of the full and final release of all stop notice or stop payment notice rights.

21.2.2. A duly completed and executed conditional waiver and release upon final payment compliant with Civil Code section 8136 from each subcontractor of any tier and supplier to be paid from the current progress payment.

21.2.3. A duly completed and executed unconditional waiver and release upon final payment compliant with Civil Code section 8138 from each subcontractor of any tier and supplier that was paid from the previous progress payment.

21.2.4. Contractor shall have made all corrections to the Work that are required to remedy any defects therein, to obtain compliance with the Contract Documents or any requirements of applicable codes and

ordinances, or to fulfill any of the orders or directions of District required under the Contract Documents.

21.2.5. Each Subcontractor shall have delivered to the Contractor all written guarantees, warranties, applications, and bonds required by the Contract Documents for its portion of the Work.

21.2.6. Contractor must have completed all requirements set forth under "Closeout Procedures," including, without limitation, submission of an approved set of complete As-Built Drawings.

21.2.7. Architect shall have issued its written approval that final payment can be made.

21.2.8. Contractor shall have delivered to the District all manuals and materials required by the Contract Documents.

21.2.9. Contractor shall have completed final clean up as provided herein.

21.3. Retention

21.3.1. The retention, less any amounts disputed by the District or that the District has the right to withhold pursuant to provisions herein, shall be paid:

21.3.1.1. After approval of the District by the Architect's Certificate of Payment;

21.3.1.2. After the satisfaction of the conditions set forth herein;

21.3.1.3. Within sixty (60) days after Completion;

21.3.1.4. No earlier than thirty-five (35) days of the recording of the Notice of Completion by District, if a Notice of Completion is recorded by the District.

21.3.2. No interest shall be paid on any retention, or on any amounts withheld due to a failure of the Contractor to perform, in accordance with the terms and conditions of the Contract Documents, except as provided to the contrary in any Escrow Agreement between the District and the Contractor pursuant to Public Contract Code section 22300.

21.4. Substitution of Securities

The District will permit the substitution of securities in accordance with the provisions of Public Contract Code section 22300.

21.5. Claims Asserted After Final Payment

Any lien, stop payment notice or other claim filed or asserted after the Contractor's acceptance of the Final Payment by any Subcontractor, of any tier, laborer, Material Supplier or others in connection with or for Work performed under the Contract Documents shall be the sole and exclusive responsibility of the Contractor pursuant to the indemnification obligations of the Contract Documents. In the event any lien, stop payment notice or other claim of any Subcontractor, Laborer, Material Supplier or others performing Work under the Contract Documents remain unsatisfied after Final Payment is made, Contractor shall refund to District all monies that the District may pay or be compelled to pay in discharging any lien, stop payment notice or other claim, including, without limitation all costs and reasonable attorneys' fees incurred by District in connection therewith.

22. UNCOVERING WORK, CORRECTION OF WORK AND RIGHT TO TAKEOVER WORK

22.1. Uncovering of Work

If a portion of the Work is covered without Project Inspector or Architect approval or not in compliance with the Contract Documents, it must, if required in writing by the District, the Project Inspector, or the Architect, be uncovered for the Project Inspector's or the Architect's observation and be replaced at the Contractor's expense without change in the Contract Price or Contract Time.

22.2. Rejection of Work

Prior to the District's Acceptance of the Work, any Work or materials or equipment forming a part of the Work or incorporated into the Work that is defective or not in conformity with the Contract Documents may be rejected by the District, the Architect or the Project Inspector and the Contractor shall correct all rejected Work without any adjustment to the Contract Price or the Contract Time, even if the Work, materials or equipment have been previously inspected by the Architect or the Project Inspector or even if they failed to observe the defective or non-conforming Work, materials or equipment.

22.3. Nonconforming Work

22.3.1. Contractor shall promptly remove from Premises all Work identified by District as failing to conform to the Contract Documents whether incorporated or not. Contractor shall promptly replace and re-execute its own Work to comply with the Contract Documents without additional expense to the District and shall bear the expense of making good all work of other contractors destroyed or damaged by any removal or replacement pursuant hereto and/or any delays to the District or other Contractors caused thereby.

22.3.2. If Contractor does not remove Work that District has identified as failing to conform to the Contract Documents within a reasonable time, not to exceed **FORTY-EIGHT (48)** hours, District may remove it and may store any material at Contractor's expense. If Contractor does not pay expense(s) of that removal within ten (10) days' time thereafter, District may, upon ten (10) days' written notice, sell any material at auction or at private sale and shall deduct all costs and expenses incurred by the District and/or District may withhold those amounts from payment(s) to Contractor.

22.4. Correction of Work

22.4.1. Correction of Rejected Work. Pursuant to the notice provisions herein, the Contractor shall promptly correct the Work rejected by the District, the Architect, or the Project Inspector as failing to conform to the requirements of the Contract Documents, whether observed before or after Completion and whether or not fabricated, installed, or completed. The Contractor shall bear costs of correcting the rejected Work, including additional testing, inspections, and compensation for the Inspector's or the Architect's services and expenses made necessary thereby.

22.4.2. One-Year Warranty Corrections. If, within one (1) year after the date of Completion of the Work or a designated portion thereof, or after the date for commencement of warranties established hereunder, or by the terms of an applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor shall correct it promptly after receipt of written notice from the District to do so. This period of one (1) year shall be extended with respect to portions of the Work first performed after Completion by the period of time between Completion and the actual performance of the Work. This obligation hereunder shall survive acceptance of the Work under the Contract and termination of the Contract. The District shall give such notice promptly after discovery of the condition.

22.5. District's Right to Takeover Work

22.5.1. If the Contractor should neglect to prosecute the Work properly or fail to perform any provisions of this Contract, the District, after **FORTY-EIGHT (48)** hours written notice to the Contractor, may, without prejudice to any other remedy it may have, make good such deficiencies and may deduct the cost thereof

from the payment then or thereafter due the Contractor.

22.5.2. If it is found at any time, before or after Completion of the Work, that Contractor has varied from the Drawings and/or Specifications, including, but not limited to, variation in material, quality, form, or finish, or in the amount or value of the materials and labor used, District may require at its option:

22.5.2.1. That all such improper Work be removed, remade or replaced, and all work disturbed by these changes be made good by Contractor at no additional cost to the District;

22.5.2.2. That the District deduct from any amount due Contractor the sum of money equivalent to the difference in value between the work performed and that called for by the Drawings and Specifications; or

22.5.2.3. That the District exercise any other remedy it may have at law or under the Contract Documents, including but not limited to the District hiring its own forces or another contractor to replace the Contractor's nonconforming Work, in which case the District shall either issue a deductive Change Order, a Unilateral Change Order, or invoice the Contractor for the cost of that work. Contractor shall pay any invoices within thirty (30) days of receipt of same or District may withhold those amounts from payment(s) to Contractor.

22.5.3. Acceptance of Defective or Non-Conforming Work. The District may, in its sole and exclusive discretion, elect to accept Work that is defective or that is not in accordance with the requirements of the Contract Documents, instead of requiring its removal and correction, in which case the Contract Price shall be reduced as appropriate and equitable.

23. TERMINATION AND SUSPENSION

23.1. District's Right to Terminate Contractor for Cause

23.1.1. Grounds for Termination. The District, in its sole discretion, may terminate the Contract and/or terminate the Contractor's right to perform the work of the Contract based upon the following:

23.1.1.1. Contractor refuses or fails to execute the Work or any separable part thereof with sufficient diligence as will ensure its completion within the time specified or any extension thereof, or

23.1.1.2. Contractor fails to complete said Work within the time specified or any extension thereof, or

23.1.1.3. Contractor persistently fails or refused to perform Work or provide material of sufficient quality as to be in compliance with Contract Documents; or

23.1.1.4. Contractor files a petition for relief as a debtor, or a petition is filed against the Contractor without its consent, and the petition not dismissed within sixty (60) days; or

23.1.1.5. Contractor makes a general assignment for the benefit of its creditors, or a receiver is appointed on account of its insolvency; or

23.1.1.6. Contractor persistently or repeatedly refuses fails, except in cases for which extension of time is provided, to supply enough properly skilled workers or proper materials to complete the Work in the time specified; or

23.1.1.7. Contractor fails to make prompt payment to Subcontractors, or for material, or for labor; or

23.1.1.8. Contractor persistently disregards laws, or ordinances, or instructions of District; or

23.1.1.9. Contractor fails to supply labor, including that of Subcontractors, that can work in harmony with all other elements of labor employed or to be employed on the Work; or

23.1.1.10. Contractor or its Subcontractor(s) is/are otherwise in breach, default, or in substantial violation of any provision of this Contract.

23.1.2. Notification of Termination

23.1.2.1. Upon the occurrence at District's sole determination of any of the above conditions, District may, without prejudice to any other right or remedy, serve written notice upon Contractor and its Surety of District's termination of this Contract and/or the Contractor's right to perform the work of the Contract. This notice will contain the reasons for termination. Unless, within three (3) days after the service of the notice, any and all condition(s) shall cease, and any and all violation(s) shall cease, or arrangement satisfactory to District for the correction of the condition(s) and/or violation(s) be made, this Contract and/or the Contractor's right to perform the Work shall cease and terminate. Upon termination, Contractor shall not be entitled to receive any further payment until the entire Work is finished.

23.1.2.2. Upon termination, District may immediately serve written notice of tender upon Surety whereby Surety shall have the right to takeover and perform this Contract only if Surety:

23.1.2.2.1. Within three (3) days after service upon it of the notice of tender, gives District written notice of Surety's intention to takeover and perform this Contract; and

23.1.2.2.2. Commences performance of the Contract within seven (7) days from date of serving of its notice to District.

23.1.2.3. If Surety fails to notify District or begin performance as indicated herein, District may takeover the Work and execute the Work to completion by any method it may deem advisable at the expense of Contractor and/or its Surety. Contractor and/or its Surety shall be liable to District for any excess cost or other damages the District incurs thereby. Time is of the essence in the Contract. If the District takes over the Work as herein provided, District may, without liability for so doing, take possession of and utilize in completing the Work such materials, appliances, plan, and other property belonging to Contractor as may be on the Site of the Work, in bonded storage, or previously paid for.

23.1.2.4. Conversion to Termination for Convenience. In the event the Contract is terminated under this "District's Right to Terminate Contractor for Cause" section and it is finally determined by an arbitrator, court, jury or other tribunal having jurisdiction, for any reason, that the Contractor was not in default under the provisions hereof or that the District's exercise of its rights under this section was defective, deficient, ineffective, invalid or improper for any reason, the termination shall be deemed a termination for convenience of the District under the "Termination of Contractor for Convenience" section herein and thereupon, the rights and obligations of the District and the Contractor shall be determined in accordance with the "Termination of Contractor for Convenience" section herein.

23.1.3. Effect of Termination

23.1.3.1. Contractor shall, only if ordered to do so by the District, immediately remove from the Site all or any materials and personal property belonging to Contractor that have not

been incorporated in the construction of the Work, or which are not in place in the Work. District retains the right, but not the obligation, to keep and use any materials and personal property belonging to Contractor that have not been incorporated in the construction of the Work, or which are not in place in the Work. Contractor and its Surety shall be liable upon the performance bond for all damages caused the District by reason of the Contractor's failure to complete the Contract.

23.1.3.2. In the event that the District shall perform any portion of, or the whole of the Work, pursuant to the provisions of the General Conditions, the District shall not be liable nor account to the Contractor in any way for the time within which, or the manner in which, the Work is performed by the District or for any changes the District may make in the Work or for the money expended by the District in satisfying claims and/or suits and/or other obligations in connection with the Work.

23.1.3.3. In the event that the Contract is terminated for any reason, no allowances or compensation will be granted for the loss of any anticipated profit by the Contractor or any impact or impairment of Contractor's bonding capacity.

23.1.3.4. If the expense to the District to finish the Work exceeds the unpaid Contract Price, Contractor and Surety shall pay difference to District within twenty-one (21) days of District's request.

23.1.3.5. Assignment and Assumption of Subcontracts. District shall have the right (but shall have no obligation) to assume and/or assign to a general contractor or construction manager or other third party who is qualified and has sufficient resources to complete the Work, the rights of the Contractor under its subcontracts with any or all Subcontractors. In the event of an assumption or assignment by the District, no Subcontractor shall have any claim against the District or third party for Work performed by Subcontractor or other matters arising prior to termination of the Contract. The District or any third party, as the case may be, shall be liable only for obligations to the Subcontractor arising after assumption or assignment. Should the District so elect, the Contractor shall execute and deliver all documents and take all steps, including the legal assignment of its contractual rights, as the District may require, for the purpose of fully vesting in the District the rights and benefits of its Subcontractor under Subcontracts or other obligations or commitments. All payments due the Contractor hereunder shall be subject to a right of offset by the District for expenses and damages suffered by the District as a result of any default, acts, or omissions of the Contractor. Contractor must include this assignment provision in all of its contracts with its Subcontractors.

23.1.3.6. The foregoing provisions are in addition to and not in limitation of any other rights or remedies available to District.

23.2. Emergency Termination of Public Contracts Act of 1949

23.2.1. The Contract is subject to termination as provided by sections 4410 and 4411 of the Government Code of the State of California, being a portion of the Emergency Termination of Public Contracts Act of 1949.

23.2.1.1. Section 4410 of the Government Code states:

In the event a national emergency occurs, and public work, being performed by contract, is stopped, directly or indirectly, because of the freezing or diversion of materials, equipment or labor, as the result of an order or a proclamation of the President of the United States, or of an order of any federal authority, and the circumstances or conditions are such that it is impracticable within a reasonable time to proceed with a substantial portion of the work,

then the public agency and the contractor may, by written agreement, terminate said contract.

23.2.1.2. Section 4411 of the Government Code states:

Such an agreement shall include the terms and conditions of the termination of the contract and provision for the payment of compensation or money, if any, which either party shall pay to the other or any other person, under the facts and circumstances in the case.

23.2.2. Compensation to the Contractor shall be determined at the sole discretion of District on the basis of the reasonable value of the Work done, including preparatory work. As an exception to the foregoing and at the District's discretion, in the case of any fully completed separate item or portion of the Work for which there is a separate previously submitted unit price or item on the accepted Schedule of Values, that price shall control. District, in its sole discretion, may adopt the Contract Price as the reasonable value of the Work performed or any portion thereof.

23.3. Termination of Contractor for Convenience

23.3.1. District in its sole discretion may terminate the Contract upon three (3) days written notice to the Contractor. Under a termination for convenience, the District retains the right to all the options available to the District if there is a termination for cause. In case of a termination for convenience, Contractor shall have no claims against the District except:

23.3.1.1. The actual cost for labor, materials, and services performed that is unpaid and can be documented through timesheets, invoices, receipts, or otherwise, and

23.3.1.2. Five percent (5%) of the total cost of work performed as of the date of termination, or five percent (5%) of the value of the Work yet to be performed, whichever is less. This five percent (5%) amount shall be full compensation for all Contractor's and its Subcontractor(s)' mobilization and/or demobilization costs and any anticipated loss profits resulting from termination of the Contractor for convenience.

23.4. Suspension of Work

23.4.1. District may, without cause, order Contractor in writing to suspend, delay or interrupt the Project in whole or in part for such period of time as District may determine. When the District resumes the Project, the Parties will attempt to negotiate an adjustment in the Contract Price for increases or decreases in the cost of performance of the Project caused by suspense, delay or interruption. If the Parties cannot agree on an adjusted Contract Price, the District may terminate the Contract as permitted herein.

23.4.2. In the event the District shall order suspension of the Work, an adjustment shall be made to the Contract Price for increases in the direct cost of performance of the Work of the Contract Documents, actually caused by suspension, delay or interruption ordered by the District; provided however that no adjustment of the Contract Price shall be made to the extent: (i) that performance is, was or would have been so suspended, delayed or interrupted by another cause for which the Contractor is responsible under the Contract Documents; or (ii) that an equitable adjustment is made or denied under another provision of the Contract Documents. The foregoing notwithstanding, any adjustment of the Contract Price shall not include any adjustment to increase the Contractor's overhead, general administrative costs or profit, all of which will remain as reflected in the Schedule of Values submitted by the Contractor pursuant to the Contract Documents. In the event of the District's suspension of the Work, the Contract Time shall be equitably adjusted.

23.5. Scope Reduction

In cases of suspension, partial or complete termination, or at the discretion of the District, the District reserves the right to unilaterally approve a deductive Change Order to reduce scope of work or perform work with other forces or its own forces.

24. CLAIMS RESOLUTION

24.1. Exclusive Remedy.

24.1.1. Compliance with the claim resolution process and timelines described in this Claims Resolution section as well as the notice provisions of the Contract are express conditions precedent to Contractor's right to commence litigation or arbitration, file a claim under the California Government Code, or commence any other legal action related to the Project ("Claims Resolution Process").

24.1.2. Contractor acknowledges that its failure, for any reason, to provide written notice and all required supporting documentation to permit the District's review and evaluation within the time frame required by this Claims Resolution Process, shall be deemed Contractor's waiver, release, discharge and relinquishment of any right to assert, request, or demand any entitlement to an adjustment of the Contract Time or the contract Price on account of any instruction, request, drawings, specifications, action, condition, omission, default or other situation.

24.1.3. To the extent any provision(s) of this Claims Resolution Process conflict with or otherwise impair the timeframes and procedures of Public Contract Code section 9204, the provisions of Section 9204 shall control. If provisions of this Claims Resolution Process are supplementary and/or in addition to the requirements of Section 9204, but do not conflict with or otherwise impair the timeframes and procedures of Section 9204, the provisions of this Claims Resolution Process and the Contract shall control.

24.2. Performance during Claim Resolution Process.

The Contractor shall diligently proceed with Work on the Project at the same time that Claims are addressed under the Claims Resolution Process. It is the intent of District to resolve Claims with the Contractor as close to the events giving rise to the Claims as possible, and to avoid stale or late Claims and the late documenting of Claims. Contractor's failure to diligently proceed in accordance with the District's instructions or the Contract terms will be considered a material breach of the Contract and a waiver of Contractor's rights under this Contract.

24.3. Waiver.

If Contractor fails to timely submit any written notices required under the terms of the Contract or in this Claims Resolution section, Contractor waives and releases its rights regarding further review of its Claim, unless Contractor and District mutually agree in writing to other time limits.

24.4. Intention.

The Claims Resolution Process required herein is intended to provide a concise mechanism for resolving Claims as they arise during the Project, while requiring accurate documentation related to contested issues as to those Claims that are not contemporaneously resolved.

24.5. Other Provisions.

If portions of the Contract, other than this Claims Resolution Process, establish a specific process regarding a specific subject, then that process shall govern and control the resolutions of any disagreements thereunder. Otherwise, the provisions in this Claims Resolution Process shall control the resolution of all Claims.

24.6. Claim Presentation

24.6.1. Claim: A claim is a written demand by Contractor (or by Contractor on behalf of a Subcontractor) that the Contractor must submit by **registered mail or certified mail return receipt requested** for:

24.6.1.1. An extension to the Contract Time, including relief from damages or penalties assessed by the District for delay;

24.6.1.2. Payment of money or damages arising from work done by, or on behalf of, the Contractor pursuant to the Contract and payment that is not otherwise expressly provided for in the Contract Documents or the Contractor is not otherwise entitled; or

24.6.1.3. Payment that is disputed by the District.

("Claim")

24.6.2. A PCO may be a Claim, but the Parties agree that a PCO shall only be a Claim if:

24.6.2.1. The District states in writing that it disagrees with the terms of a PCO and directs the Contractor to utilize the Claim Resolution Process, or

24.6.2.2. The District rejects in whole or in part a PCO and the Contractor states in writing that it is utilizing the Claim Resolution Process for the portion of the PCO that the District rejected.

24.6.3. Subcontractor Claims.

24.6.3.1. Public Contract Code section 9204(d)(5) states that the Contractor may present to the District a Claim on behalf of a Subcontractor or lower tier Subcontractor. A Subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier Subcontractor, that the Contractor present a claim for Work which was performed by the Subcontractor or by a lower tier Subcontractor on behalf of the Subcontractor. The Subcontractor requesting that the Claim be presented to the District shall furnish reasonable documentation to support the Claim. Within 45 days of receipt of this written request, the Contractor shall notify the Subcontractor in writing as to whether the Contractor presented the claim to the District and, if the Contractor did not present the Claim, provide the Subcontractor with a statement of the reasons for not having done so.

24.6.3.2. Contractor is responsible for providing this Claims Resolution Process to its Subcontractors and for ensuring that all Subcontractors or others who may assert Claims by and through Subcontractors and/or the Contractor are informed of this Claims Resolution Process. No Claim submitted by any party that fails to follow the provisions of this Claims Resolution Process will be considered. Contractor shall indemnify, keep and hold harmless the District and its consultants, against all suits, claims, damages, losses, and expenses, including but not limited to attorney's fees, caused by, arising out of, resulting from, or incidental to, the failure to provide this Claims Resolution Process to its Subcontractors or others who may assert Claims by and through Subcontractors and/or the Contractor.

24.6.4. Contractor Must Timely Identify, Present and Document Any Claim

24.6.4.1. Every Claim shall be stated with specificity in writing and signed by Contractor under penalty of perjury and presented to the District within ten (10) calendar days from the date Contractor discovers or reasonably should discover, that an act, error or omission of District, its agents or employees, or action, condition or other situation has occurred that may entitle

Contractor to make a Claim. This shall include the Contractor's actual or constructive knowledge of any instruction, request, drawings, specifications, action, condition, omission, default or other situation for which the contractor believes there should an adjustment of the Contract Price or Contract Time. Contractor shall provide this writing even if Contractor has not yet been damaged, delayed, or incurred extra cost when Contractor discovers, or reasonably should discover, the act, error, omission, action, condition or situation giving rise to the incidents giving rise to the Claim. The writing shall:

24.6.4.1.1. Identify all of the issues, events, conditions, circumstances and/or causes giving rise to the Claim;

24.6.4.1.2. Identify all pertinent dates and/or durations and all actual and/or anticipated effects on the Contract Price, milestones and/or Contract Time adjustments; and

24.6.4.1.3. Identify in detail line-item costs if the Claim seeks money.

24.6.4.1.4. If the Claim involves extra work, a detailed cost breakdown of the amounts the Contractor is seeking, including actual cost records (including without limitation, payroll records, material and rental invoices and the like) demonstrating that those costs have actually been incurred. To the extent costs have not yet been incurred at the time the Claim is submitted, actual cost records must be submitted on a current basis not less than once a week during any periods costs are incurred. A cost record will be considered current if submitted within seven (7) days of the date the cost reflected in the record is incurred. At the request of District, extra costs may be subject to further verification procedures (such as having an inspector verify the performance of alleged extra work on a daily basis).

24.6.4.1.5. If the Claim involves an error or omission in the Contract Documents:

24.6.4.1.5.1. An affirmative representation under penalty of perjury by Contractor and any affected Subcontractors and suppliers that the error or omission was not discovered prior to submitting a proposal for the Work, and

24.6.4.1.5.2. A detailed statement demonstrating that the error or omission reasonably should not have been discovered, by Contractor, its Subcontractors and suppliers, prior to submitting a proposal for the Work.

24.6.4.1.6. If the Claim involves a request for additional compensation for escalation of materials costs, then this provision exclusively governs those request(s) by Contractor and the following are all conditions precedent to Contractor's submission of a Change Order Request or Claim for additional compensation for escalation of materials costs.

24.6.4.1.6.1. Contractor shall not be entitled to submit a request for compensation for escalation of materials unless the actual increase in the cost of the materials in question exceeds ten percent (10%) of the **total** material costs on the Project at the time of bid.

24.6.4.1.6.2. The cost escalation is the result of unusual and unforeseeable market conditions not reasonably foreseeable at the time of award of the Contract and was not an escalated cost resulting from any action or inaction of the Contractor.

24.6.4.1.6.3. Contractor timely ordered and/or purchased the materials at issue, based on (1) Contractor's constructive knowledge of the supply chain for required materials and (2) Contractor's request to utilize the provisions in the Contract Documents related to the District's payment for materials and equipment purchased

and stored on Site or offsite.

24.6.4.1.6.4. Contractor's material costs were reasonable at the time of Contractor's bid for the Project.

24.6.4.1.6.5. Contractor demonstrates an actual increase in the cost of materials in its Contract Price at the time of award of the Contract and/or as reflected in Contractor's escrowed bid documents compared to Contractor's actual material payment cost paid either at time of purchase or delivery, whichever is earlier.

24.6.4.1.6.6. An actual year-to-date price increase has occurred and can be substantiated by the E.N.R. 20-City Average Material Cost Index for the material at issue that demonstrates the claim for an increase in price of the material at the time of delivery of the higher priced material to the Project.

24.6.4.2. The writing shall be accompanied by all documents substantiating Contractor's position regarding the Claim.

24.6.4.3. A Claim that asserts an effect on any schedule milestones and/or Contract Time shall include all pertinent scheduling data demonstrating the impact(s) on the critical path(s), milestone(s) and/or Contract Time.

24.6.4.4. Contractor agrees that it shall not base its damages, its calculations or its Claim on a "total cost" approach, a "modified total cost" approach or a "jury verdict method" approach.

24.6.5. Certification. Each copy of the Claim Documentation shall be certified by a responsible officer of the Contractor in accordance with the requirements of the Contract Documents. This certification shall be under penalty of perjury and must include the following language immediately above or before the Contractor's signature: ***"I declare under penalty of perjury under the laws of the State of California that the information provided and statements made in this Claim are true and correct, substantiated and of merit."*** The Contractor acknowledges that this requirement is not a mere formality but is intended to ensure that the Contractor only submits Claims that it believes are true and correct, substantiated and have merit. Should Contractor fail to submit the foregoing written statement signed under penalty of perjury, Contractor waives and releases its Claim, including all rights and remedies in connection therewith. This certification must include a certification of any portion of the Claim from Subcontractor(s) or others who are asserting Claims by and through Subcontractors and/or the Contractor

24.6.6. District's Written Statement/Decision on Claim. The District shall issue a written statement/decision regarding the Claim to the Contractor within forty-five (45) days of receipt of the written Claim from the Contractor, or three (3) days after the District's first regular governing board meeting after that 45-day period if the District's governing board does not meet within that first 45-day period. If the District fails to timely provide a written statement/decision regarding the Claim, the Claim shall be deemed rejected in its entirety.

24.6.7. Contractor Must Demand an Informal Meet and Confer Conference if Contractor Pursues Any Claim

24.6.7.1. FAILURE OF A CONTRACTOR TO TIMELY DEMAND A MEET AND CONFER CONFERENCE IS A WAIVER OF ITS RIGHT TO PURSUE ALL OR A PORTION OF ITS CLAIM.

24.6.7.2. Where There Is No Agreement: If there is no agreement between Contractor and the District on a Claim, then within ten (10) calendar days of the date of the District's written statement/decision in response to a Claim or PCO, if Contractor pursues that Claim, then

Contractor must demand, by **registered mail or certified mail return receipt requested**, a meet and confer conference with District staff. A meet and confer conference with District staff shall be a condition precedent to Contractor seeking any further relief, including a mediation as indicated below.

24.6.7.3. Where There Is Partial Agreement: If Contractor and the District partially agree on a Claim but do not reach complete agreement, then the Parties shall complete a Change Order, if applicable, for the issues and/or amounts agreed to. For those issues not agreed to, if Contractor pursues those issues from that Claim, then Contractor must demand, by **registered mail or certified mail return receipt requested**, a meet and confer conference with District staff regarding those issues. A meet and confer conference with District staff shall be a condition precedent to Contractor seeking any further relief, including a mediation as indicated below, in connection with the District's rejection.

24.6.7.4. Meet and Confer Conference. District and Contractor shall schedule the meet and confer conference as soon as reasonably possible after Contractor's written demand for a meet and confer conference, but in no case later than thirty (30) days after Contractor's demand.

24.6.7.5. District's Written Decision. Within ten (10) **business** days of the meet and confer conference, the District shall issue a written decision. If the District fails to timely provide a written statement/decision after the meet and confer conference, all Claim issues that were part of the meet and confer conference shall be deemed rejected in their entirety.

24.6.7.5.1. If the District's decision completely resolves the Claim, then the Parties shall complete a Change Order, if applicable, for the issues and/or amounts agreed to.

24.6.7.5.2. If the District rejects the Contractor's Claim in whole or in part or does not issue a timely written response, then the parties shall mediate the remaining issues of the Claim.

24.6.7.5.3. Contractor's costs incurred in seeking relief for Claims are not recoverable from District.

24.6.8. Mediation.

24.6.8.1. At the District's sole discretion, this mediation may be a multiple-party mediation with the Architect, the Construction Manager, the Inspector, and/or other District consultants.

24.6.8.2. The District and Contractor shall mutually agree to a mediator within ten (10) **business** days after the disputed portion of the Claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the Claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator.

24.6.9. Contractor's Obligation to File a Government Code Claim. Nothing in this Contract, including this Claims Resolution Process, waives, modifies or tolls the Contractor's obligation to present a timely claim under Government Code section 910, et seq. Therefore, in addition to complying with this Claims Resolution Process, the Contractor is required to present claims to the District pursuant to Government Code section 910, et seq. If after the requirements of this Claims Resolution Process are satisfied, and all or a portion of the Claim remains unresolved, and if the Government Code claim is rejected by the District, the Contractor may proceed under the post-mediation provisions of this Claims Resolution Process.

24.6.10. Post Mediation Provisions

24.6.10.1. Claims of \$375,000 or Less: The provisions of Public Contract Code § 20104.4 shall apply. Pursuant to Public Contract Code § 20104.4(a), within sixty (60) days, but no earlier than thirty (30) days, following the filing of responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. Pursuant to Public Contract Code § 9204(d)(2)(D), a mediation conducted pursuant to this Claims Resolution Process shall excuse the obligation under Public Contract Code § 20104.4(a) to mediate after litigation has been commenced unless otherwise agreed to by the parties in writing.

24.6.10.2. Litigation of Claims in Excess of \$375,000. If, after a mediation as indicated above, the Parties have not resolved the Claim, either Party may commence an action in a court of competent jurisdiction to contest that decision within ninety (90) days following the conclusion of that mediation or one (1) year following the accrual of the cause of action, whichever is later. By mutual agreement, the Parties can agree to instead resolve the Claim through arbitration.

24.6.11. The District shall be entitled to remedy any false claims, as defined in California Government Code section 12650 *et seq.*, made to the District by the Contractor or any Subcontractor under the standards set forth in Government Code section 12650 *et seq.* Any Contractor or Subcontractor who submits a false claim shall be liable to the District for three times the amount of damages that the District sustains because of the false claim. A Contractor or Subcontractor who submits a false claim shall also be liable to the District for (a) the costs, including attorney fees, of a civil action brought to recover any of those penalties or damages, and (b) a civil penalty of up to \$11,000 for each false claim. In addition, Contractor may be subject to criminal prosecution under California Penal Code §72 and/or civil liability under False Claims Act. If so, the District may be entitled to recover its costs incurred to investigate any False Claim, including but not limited to attorneys' fees and expert fees incurred in connection with that investigation.

24.7. Documentation of Resolution.

If a Claim is resolved, the District shall determine if that resolution shall be documented in an Agreement and Release of Any and All Claims form or other document, as appropriate.

24.8. Claim Resolution Process – Non-Applicability.

The procedures and provisions in this Claims Resolution section shall **not** apply to:

24.8.1. District's determination of what Work is or will be constructed, or whether the Work complies with the Contract Documents for purposes of accepting the Work;

24.8.2. District's rights and obligations as a public entity, such as, but without limitation, the revocation of prequalified or qualified status, barring a contractor from District contracts, the imposition of penalties or forfeitures prescribed by statute or regulation; provided, however, that penalties imposed against a public entity by statutes such as Public Contract Code section 7107, shall be subject to the mandatory dispute resolution provisions of this Claims Resolution section and the Contract;

24.8.3. Personal injury, wrongful death or property damage claims;

24.8.4. Latent defect or breach of warranty or guarantee to repair;

24.8.5. Stop notices or stop payment notices; or

24.8.6. Any other District rights as set forth herein.

24.9. The District's failure to respond to a Claim from the Contractor within the time periods described herein or to otherwise meet the time requirements of Public Contract Code section 9204 shall automatically result in the Claim being deemed rejected in its entirety, with no admission by the District as to the merits of the Claim.

24.10. If District fails to timely issue payment for any Claim or portion of a Claim as required pursuant to these Claim Resolution Procedures, the Contractor is permitted to assess interest indicated in Public Contract Code section 9204. Notwithstanding this provision, and in accordance with Public Contract Code section 7107, the District is entitled to withhold up to 150% of disputed amounts and the District shall not be liable for payment of interest on such disputed amounts pending final adjudication of such disputes.

25. LABOR, WAGE & HOUR, APPRENTICE AND RELATED PROVISIONS

25.1. Contractor & Subcontractor Registration

25.1.1. Contractor shall comply with the registration and compliance monitoring provisions of Labor Code section 1771.4, including furnishing its CPRs to the Labor Commissioner of California and complying with any applicable enforcement by the Department of Industrial Relations. Labor Code section 1771.1(a) states the following:

"A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded."

25.1.2. Contractor acknowledges that, for purposes of Labor Code section 1725.5, all or some of the Work is a public work to which Labor Code section 1771 applies. Contractor shall comply with Labor Code section 1725.5, including without limitation the registration requirements. Additionally, all Contractor's Subcontractors shall comply with Labor Code section 1725.5 to be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of the Contract. Contractor represents that all of its Subcontractors are registered pursuant to Labor Code section 1725.5.

25.1.3. The Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations. Contractor shall post job site notices, as prescribed by regulation. Contractor shall comply with all requirements of Labor Code section 1771.4, except the requirements that are exempted by the Labor Commissioner for the Project.

25.2. Wage Rates, Travel and Subsistence

25.2.1. Pursuant to the provisions of article 2 (commencing at section 1770), chapter 1, part 7, division 2, of the Labor Code of California, the general prevailing rate of per diem wages and the general prevailing rate for holiday and overtime work in the locality in which this public work is to be performed for each craft, classification, or type of worker needed to execute this Contract are on file at the District's principal office and copies will be made available to any interested party on request and are available to any interested party on request or at www.dir.ca.gov/oprl/statistics_and_databases.html. Contractor shall obtain and post a copy of these wage rates at the job site.

25.2.2. Holiday and overtime work, when permitted by law, shall be paid for at a rate of at least one and one-half times the above specified rate of per diem wages, unless otherwise specified. The holidays upon

which those rates shall be paid need not be specified by the District, but shall be all holidays recognized in the applicable collective bargaining agreement. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code.

25.2.3. Contractor shall pay and shall cause to be paid each worker engaged in Work on the Project not less than the general prevailing rate of per diem wages determined by the Director of the Department of Industrial Relations ("DIR") ("Director"), regardless of any contractual relationship which may be alleged to exist between Contractor or any Subcontractor and such workers.

25.2.4. If during the period this bid is required to remain open, the Director determines that there has been a change in any prevailing rate of per diem wages in the locality in which the Work under the Contract is to be performed, such change shall not alter the wage rates in the Invitation to Bid or the Contract subsequently awarded.

25.2.5. Pursuant to Labor Code section 1775, Contractor shall, as a penalty to District, forfeit the statutory amount, (currently not to exceed two hundred dollars (\$200) for each calendar day, or portion thereof), for each worker paid less than the prevailing rates, as determined by the District and/or the Director, for the work or craft in which that worker is employed for any public work done under Contract by Contractor or by any Subcontractor under it.

25.2.5.1. The amount of the penalty shall not be less than forty dollars (\$40) for each calendar day, or portion thereof, unless the failure of Contractor was a good faith mistake and, if so, the error was promptly and voluntarily corrected when brought to the attention of Contractor.

25.2.5.2. The amount of the penalty shall not be less than eighty dollars (\$80) for each calendar day or portion thereof, if Contractor has been assessed penalties within the previous three (3) years for failing to meet Contractor's prevailing wage obligations on a separate contract, unless those penalties were subsequently withdrawn or overturned.

25.2.5.3. The amount of the penalty may not be less than one hundred twenty dollars (\$120) for each calendar day, or portion thereof, if the Labor Commissioner determines the Contractor willfully violated Labor Code section 1775.

25.2.5.4. The difference between such prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the prevailing wage rate, shall be paid to each worker by Contractor.

25.2.6. Any worker employed to perform Work on the Project, which Work is not covered by any classification listed in the general prevailing wage rate of per diem wages determined by the Director, shall be paid not less than the minimum rate of wages specified therein for the classification which most nearly corresponds to Work to be performed by him, and such minimum wage rate shall be retroactive to time of initial employment of such person in such classification.

25.2.7. Pursuant to Labor Code section 1773.1, per diem wages are deemed to include employer payments for health and welfare, pension, vacation, travel time, subsistence pay, and apprenticeship or other training programs authorized by section 3093, and similar purposes.

25.2.8. Contractor shall post at appropriate conspicuous points on the Site of Project, a schedule showing all determined minimum wage rates and all authorized deductions, if any, from unpaid wages actually earned. In addition, Contractor shall post a sign-in log for all workers and visitors to the Site, a list of all subcontractors of any tier on the Site, and the required Equal Employment Opportunity poster(s).

25.3. Hours of Work

25.3.1. As provided in article 3 (commencing at section 1810), chapter 1, part 7, division 2, of the Labor Code, eight (8) hours of labor shall constitute a legal days work. The time of service of any worker employed at any time by Contractor or by any Subcontractor on any subcontract under this Contract upon the Work or upon any part of the Work contemplated by this Contract shall be limited and restricted by Contractor to eight (8) hours per day, and forty (40) hours during any one week, except as hereinafter provided. Notwithstanding the provisions hereinabove set forth, Work performed by employees of Contractor in excess of eight (8) hours per day and forty (40) hours during any one week, shall be permitted upon this public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half times the basic rate of pay.

25.3.2. Contractor shall keep and shall cause each Subcontractor to keep an accurate record showing the name of and actual hours worked each calendar day and each calendar week by each worker employed by Contractor in connection with the Work or any part of the Work contemplated by this Contract. The record shall be kept open at all reasonable hours to the inspection of District and to the Division of Labor Standards Enforcement of the DIR.

25.3.3. Pursuant to Labor Code section 1813, Contractor shall as a penalty to the District forfeit the statutory amount (believed by the District to be currently twenty five dollars (\$25)) for each worker employed in the execution of this Contract by Contractor or by any Subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week in violation of the provisions of article 3 (commencing at section 1810), chapter 1, part 7, division 2, of the Labor Code.

25.3.4. Any Work necessary to be performed after regular working hours, or on Sundays or other holidays shall be performed without additional expense to the District.

25.4. Payroll Records

25.4.1. Contractor and all Subcontractors must comply with the compliance monitoring provisions of Labor Code section 1771.4, including furnishing its certified payroll records ("CPR(s)") to the Labor Commissioner of California and complying with any applicable enforcement by DIR. Labor Code section 1771.4 requires Contractor and Subcontractors to provide electronic copies of CPRs to the Labor Commissioner of California at least once every thirty (30) days, and within thirty (30) days of Project Completion. The failure to timely provide the CPRs could result in penalties as determined by Labor Code section 1771.4, applicable laws, and regulations

25.4.2. If requested by the District, Contractor shall provide to the District and shall cause each Subcontractor performing any portion of the Work to provide the District and an accurate CPR(s), showing the name, address, social security number, work classification, straight time, and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by the Contractor and/or each Subcontractor in connection with the Work.

25.4.3. In addition to any other requirements pursuant to Labor Code sections 1770, et seq., the CPRs enumerated hereunder shall be certified and shall be provided to the District on a weekly basis. The CPRs from the Contractor and each Subcontractor for each week shall be provided on or before Wednesday of the week following the week covered by the CPRs. District shall not make any payment to Contractor until:

25.4.3.1. Contractor and/or its Subcontractor(s) provide CPRs acceptable to the District, and

25.4.3.2. The District is given sufficient time to review and/or audit the CPRs to

determine their acceptability. Any delay in Contractor and/or its Subcontractor(s) providing CPRs to the District in a timely manner will directly delay the District's review and/or audit of the CPRs and Contractor's payment.

25.4.4. All CPRs shall be available for inspection at all reasonable hours at the principal office of Contractor on the following basis:

25.4.4.1. A certified copy of an employee's CPR shall be made available for inspection or furnished to the employee or the employee's authorized representative on request.

25.4.4.2. CPRs shall be made available for inspection or furnished upon request to a representative of District, Division of Labor Standards Enforcement, Division of Apprenticeship Standards, and/or the Department of Industrial Relations.

25.4.4.3. CPRs shall be made available upon request by the public for inspection or copies thereof made; provided, however, that a request by the public shall be made through either the District, Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. If the requested CPRs have not been provided pursuant to the provisions herein, the requesting party shall, prior to being provided the records reimburse the costs of preparation by Contractor, Subcontractors, and the entity through which the request was made. The public shall not be given access to the records at the principal office of Contractor.

25.4.5. The form of certification for the CPRs shall be as follows:

I, _____ (Name-Print), the undersigned, am the _____
_____ (Position in business) with the authority to act for and on behalf of _____
_____ (Name of business and/or Contractor), certify under penalty of perjury that the
records or copies thereof submitted and consisting of _____
(Description, number of pages) are the originals or true, full, and correct copies of the originals
which depict the payroll record(s) of actual disbursements by way of cash, check, or whatever
form to the individual or individual named, and (b) we have complied with the requirements of
sections 1771, 1811, and 1815 of the Labor Code for any work performed by our employees on
the Project.

Date: _____ Signature: _____
(Section 16401 of Title 8 of the California Code of Regulations)

25.4.6. Each Contractor shall file a certified copy of the CPRs with the entity that requested the records within ten (10) days after receipt of a written request.

25.4.7. Any copy of records made available for inspection as copies and furnished upon request to the public or any public agency by District, Division of Apprenticeship Standards, or Division of Labor Standards Enforcement shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address, and social security number. The name and address of Contractor awarded Contract or performing Contract shall not be marked or obliterated.

25.4.8. Contractor shall inform District of the location of the records enumerated hereunder, including the street address, city, and county, and shall, within five (5) Business Days, provide a notice of change of location and address.

25.4.9. In the event of noncompliance with the requirements of this section, Contractor shall have ten (10) days in which to comply subsequent to receipt of written notice specifying in what respects Contractor must comply with this section. Should noncompliance still be evident after the ten (10) day period, Contractor shall, as a penalty to District, forfeit one hundred dollars (\$100) for each calendar day,

or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of Division of Apprenticeship Standards or Division of Labor Standards Enforcement, these penalties shall be withheld from progress payments then due.

25.4.10. It shall be the responsibility of Contractor to ensure compliance with the provisions of Labor Code section 1776.

25.5. Apprentices

25.5.1. Contractor acknowledges and agrees that, if this Contract involves a dollar amount greater than or a number of working days greater than that specified in Labor Code section 1777.5, then this Contract is governed by the provisions of Labor Code Section 1777.5. It shall be the responsibility of Contractor to ensure compliance with this Article and with Labor Code section 1777.5 for all apprenticeship occupations.

25.5.2. Apprentices of any crafts or trades may be employed and, when required by Labor Code section 1777.5, shall be employed provided they are properly registered in full compliance with the provisions of the Labor Code.

25.5.3. Every apprentice shall be paid the standard wage paid to apprentices under the regulations of the craft or trade at which the apprentice is employed, and shall be employed only at the work of the craft or trade to which the apprentice is registered.

25.5.4. Only apprentices, as defined in section 3077 of the Labor Code, who are in training under apprenticeship standards and written apprentice agreements under chapter 4 (commencing at section 3070), division 3, of the Labor Code, are eligible to be employed. The employment and training of each apprentice shall be in accordance with the provisions of the apprenticeship standards and apprentice agreements under which the apprentice is training.

25.5.5. Pursuant to Labor Code section 1777.5, if that section applies to this Contract as indicated above, Contractor and any Subcontractors employing workers in any apprenticeable craft or trade in performing any Work under this Contract shall apply to the applicable joint apprenticeship committee for a certificate approving the Contractor or Subcontractor under the applicable apprenticeship standards and fixing the ratio of apprentices to journeymen employed in performing the Work.

25.5.6. Pursuant to Labor Code section 1777.5, if that section applies to this Contract as indicated above, Contractor and any Subcontractor may be required to make contributions to the apprenticeship program.

25.5.7. If Contractor or Subcontractor willfully fails to comply with Labor Code section 1777.5, then, upon a determination of noncompliance by the Administrator of Apprenticeship, it shall:

25.5.7.1. Be denied the right to bid on any subsequent project for one (1) year from the date of such determination;

25.5.7.2. Forfeit as a penalty to District the full amount as stated in Labor Code section 1777.7. Interpretation and enforcement of these provisions shall be in accordance with the rules and procedures of the California Apprenticeship Council and under the authority of the Chief of the Division of Apprenticeship Standards.

25.5.8. Contractor and all Subcontractors shall comply with Labor Code section 1777.6, which section forbids certain discriminatory practices in the employment of apprentices.

25.5.9. Contractor shall become fully acquainted with the law regarding apprentices prior to commencement of the Work. Special attention is directed to sections 1777.5, 1777.6, and 1777.7 of the

Labor Code, and title 8, California Code of Regulations, section 200 et seq. Questions may be directed to the State Division of Apprenticeship Standards, 455 Golden Gate Avenue, San Francisco, California 94102.

25.5.10. Contractor shall ensure compliance with all certification requirements for all workers on the Project including, without limitation, the requirements for electrician certification in Labor Code sections 108, et seq.

25.6. Non-Discrimination

25.6.1. Contractor herein agrees not to discriminate in its recruiting, hiring, promotion, demotion, or termination practices on the basis of race, religious creed, national origin, ancestry, sex, age, or physical handicap in the performance of this Contract and to comply with the provisions of the California Fair Employment and Housing Act as set forth in part 2.8 of division 3 of the California Government Code, commencing at section 12900; the Federal Civil Rights Act of 1964, as set forth in Public Law 88-352, and all amendments thereto; Executive Order 11246, and all administrative rules and regulations found to be applicable to Contractor and Subcontractor.

25.6.2. Special requirements for Federally Assisted Construction Contracts: During the performance of this Contract, Contractor agrees to incorporate in all subcontracts the provisions set forth in Chapter 60-1.4(b) of Title 41 published in Volume 33 No. 104 of the Federal Register dated May 28, 1968.

25.7. Labor First Aid

Contractor shall maintain emergency first aid treatment for Contractor's workers on the Project which complies with the Federal Occupational Safety and Health Act of 1970 (29 U.S.C. § 651 et seq.) the California Occupational Safety and Health Act of 1973, and all related regulations, including without limitation section 330 et seq. of Title 8 of the California Code of Regulations.

26. MISCELLANEOUS

26.1. Assignment of Antitrust Actions

26.1.1. Section 7103.5(b) of the Public Contract Code states:

In entering into a public works contract or subcontract to supply goods, services, or materials pursuant to a public works contract, the Contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, made and become effective at the time the awarding body tenders final payment to the Contractor, without further acknowledgment by the parties.

26.1.2. Section 4552 of the Government Code states:

In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

26.1.3. Section 4553 of the Government Code states:

If an awarding body or public purchasing body receives, either through judgment or settlement, a monetary recovery for a cause of action assigned under this chapter, the assignor shall be entitled to receive reimbursement for actual legal costs incurred and may, upon demand, recover from the public body any portion of the recovery, including treble damages, attributable to overcharges that were paid by the assignor but were not paid by the public body as part of the bid price, less the expenses incurred in obtaining that portion of the recovery.

26.1.4. Section 4554 of the Government Code states:

Upon demand in writing by the assignor, the assignee shall, within one year from such demand, reassign the cause of action assigned under this part if the assignor has been or may have been injured by the violation of law for which the cause of action arose and (a) the assignee has not been injured thereby, or (b) the assignee declines to file a court action for the cause of action.

26.1.5. Under this Article, "public purchasing body" is District and "bidder" is Contractor.

26.2. Excise Taxes

If, under Federal Excise Tax Law, any transaction hereunder constitutes a sale on which a Federal Excise Tax is imposed and the sale is exempt from such Federal Excise Tax because it is a sale to a State or Local Government for its exclusive use, District, upon request, will execute documents necessary to show (1) that District is a political subdivision of the State for the purposes of such exemption, and (2) that the sale is for the exclusive use of District. No Federal Excise Tax for such materials shall be included in any Contract Price.

26.3. Taxes

Contract Price is to include any and all applicable sales taxes or other taxes that may be due in accordance with section 7051 of the Revenue and Taxation Code; Regulation 1521 of the State Board of Equalization or any other tax code that may be applicable.

26.4. Shipments

All shipments must be F.O.B. destination to Site or sites, as indicated in the Contract Documents. There must be no charge for containers, packing, unpacking, drayage, or insurance. The total Contract Price shall be all inclusive (including sales tax) and no additional costs of any type will be considered.

26.5. Compliance with Government Reporting Requirements

If this Contract is subject to federal or other governmental reporting requirements because of federal or other governmental financing in whole or in part for the Project which it is part, or for any other reason, Contractor shall comply with those reporting requirements at the request of the District at no additional cost.

END OF DOCUMENT



A/B General Contractor \$12.5M Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Bana Builders, Inc.	Sarah Xiong	338 North Canal Street #11, South San Francisco, CA 94080	415-508-9253	415-715-8371	bids@banabuilders.com	1052842	B (General Building Contractor)	11/14/2024	\$17,000,000
Beals Martin & Associates, Inc.	Dwight Ortmann	2596 Bay Road, Redwood City, CA, 94063	650-566-5884	650-367-7645	Patricia@bealsmartin.com	396189_	A (General Engineering Contractor), B (General Building Contractor)	03/22/2024	\$20,000,000
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
Cal-Pacific Construction Inc	Kennedy Chan	1009 Terra Nova Blvd. , Pacifica, CA, 94044	650-557-1238 x109	650-557-1239	kc@pacific888.com	830908_	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor)	12/04/2024	\$15,000,000
CWS Construction Group Inc	Charlie Slack	1301 Grant Ave, Suite B, Novato, CA 94945	415-599-6545	415-209-0228	charliejr.cws@gmail.com	811153_	A (General Engineering Contractor), B (General Building Contractor)	03/06/2024	\$15,000,000
Gonsalves and Stronck Construction Company Inc	Lori Eldredge	1000 Washington Street, San Carlos, CA, 94070	650-802-2960	650-802-2970	leldredge@gsc-construction.com	672769_	B (General Building Contractor)	10/25/2024	\$23,100,000
Midstate Construction Corporation	Mickale McChristian	1180 Holm Rd, Petaluma, CA, 94954	707-762-3200	707-762-0700	mickalem@midstateconstruction.com	089455_	B (General Building Contractor)	11/14/2024	\$55,000,000
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
Sausal Corporation	Teena Singley	3550 Willow Pass Road Concord, CA 94519	925-568-2200	925-568-2525	tsingley@sausal.net	281425_	B (General Building Contractor)	10/25/2024	\$16,000,000
SC Builders, Inc.	Chris Smither	910 Thompson Place, Sunnyvale, CA, 94085	408-328-0688		csmither@scbuildersinc.com	767196_	B (General Building Contractor)	12/11/2024	\$87,500,000
Strawn Construction, Inc.	Yvonne Gilgo	1140 Pedro Street, Suite 1, San Jose, CA, 95126	408-286-1299	408-286-1288	estimating@scmdinc.com	927286_	B (General Building Contractor)	11/09/2024	\$16,500,000
Wickman Development and Construction	Jonathan Wickman	550 West Grand Avenue, Oakland, CA 94612	415-239-4500	415-239-4511	wdcoffice2@wickmandev.com	970768_	A (General Engineering Contractor), B (General Building Contractor)	01/04/2025	\$31,000,000

**LIST OF APPROVED LIMIT FOR PRE-QUALIFICATIONS
PER CLASS:**

A-B	General	\$12,500,000.00
C-20	Mechanical	\$460K
C-10	Electrical	\$1 million
C-36	Plumbing	\$250K
C-7	Low Voltage	\$200k
C-16	Fire Protection	\$100K
C-34	Pipe Fitters	\$58K
C-43	Sheet Metal	\$67k



C-20 Mechanical \$460K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

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-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)	10/18/2024	\$12,000,000
ACS Controls Corporation	Jennifer Smith	4704 Roseville Rd suite 101, North Highlands , CA, 95660	916-640-8800		smithj@acscontrols.com	836670_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor)	12/11/2024	\$750,000
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)	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)	11/14/2024	\$4,700,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	09/11/2024	\$1,500,000
B&M Builders, Inc.	Patrick Mullen	11330 Sunrise Park Dr., Suite C, Rancho Cordova, CA, 95742	916-638-8626	916-352-6944	Estimating@bm-builders.com ; hvac@bm-builders.com	861848_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-27 (Landscaping Contractor), A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor), C-12 (Earthwork and Paving Contractors), C-31 (Construction Zone Traffic Control Contractor), C-54 (Ceramic and Mosaic Tile Contractor)	01/25/2024	\$1,700,000
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)	12/07/2024	\$12,500,000
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-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), 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-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)	01/04/2025	\$5,500,000
Bobo Construction, Inc.	Sarah Wilkins	9722 Kent Street, Suite A, Elk Grove, CA, 95624	916-383-7777	916-383-1681	cbobo@bobconstructioninc.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)	03/17/2024	\$27,800,000
Couts Heating & Cooling Inc.	Michael Stewart	801 E. Parkridge Ave Corona Ca. 92881	951-278-5560	951-278-5570 x0	Lswitzer@couts.com	375584_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning 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-36 (Plumbing Contractor), B (General Building Contractor)	01/04/2025	\$7,700,000
Covello's Pacific AirCare Inc	Paul Covello	2890 Butterfield Rd, riverside, CA, 92503	714-469-1757	951-977-8641	paul@pachvac.com	929914_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty)	12/05/2024	\$1,700,000
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)	04/25/2024	\$5,300,000



C-20 Mechanical \$460K Prequal Application Report as of 01/09/2024
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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
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)	12/08/2024	\$8,000,000
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)	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)	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-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)	10/18/2024	\$25,000,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	11/22/2024	\$2,000,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$1,200,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-43 (Sheet Metal Contractor)	10/30/2024	\$5,500,000
GroundLevel Construction, Inc.	Julie Accetola	5013 Forni Dr., Unit C, Concord, CA, 94520	925-446-6084	925-446-6375	julie@groundlevelconstruction .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)	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)	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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), B (General Building Contractor), A (General Engineering 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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing 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-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)	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)	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)	02/27/2024	\$5,000,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
KYA Services, LLC	Jessica Gomez	1800 E McFadden Ave, Santa Ana, CA, 92705	714-659-6477	714-586-5526	jessica.gomez@theyagroup.com	984827_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), A (General Engineering Contractor), B (General Building Contractor), C-15 (Flooring and Floor Covering Contractors), C-61 (Limited Specialty), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	01/04/2025	\$17,500,000
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)	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)	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)	01/07/2025	\$18,500,000
Michael Venosta Plumbing and Mechanical Inc.	Kelly Venosta	8505 Church Street Unit 13, Gilroy, CA, 95020	408-842-4004	408-842-4005	kelly@michaelvenostaplumbing.com	969247_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	12/13/2024	\$500,000
MMJ Construction, Inc.	Judy Bailey-Savage	39100 Air Park drive, Temcula, CA, 92592	951-216-8862	951-457-6484	info@mmjconstruction.com	988999_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor)	10/30/2024	\$900,000
Monarch Mechanical dba OWR 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)	04/06/2024	\$2,500,000
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)	01/25/2024	\$2,800,000
PacificWest Energy Solutions, Inc.	Haeil Kim	9250 Reseda Blvd #500, Northridge, CA 91324	562-250-4511	800-310-9596	contracts@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)	01/09/2025	\$10,500,000
Paragon Mechanical, Inc.	Michael Orth	16160 Caputo Drive, Morgan Hill, CA, 95037	408-727-7303	408-566-6190	morth@paragonmechanical.com	490427_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	04/06/2024	\$2,000,000
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)	10/18/2024	\$5,600,000
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)	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)	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)	10/18/2024	\$3,500,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
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)	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)	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)	11/14/2024	\$4,200,000



C-10 Electrical Contractor \$1M Prequal Application Report as of 01/09/2024
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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
4 Point Power, Inc. DBA 4 Point Electric	Paula Herrera	1313 N. Milpitas Blvd #161, Milpitas, Ca. 95035	408-823-1754	408-529-8250	paula@4pointpowerinc.com	1016759	C-10 (Electrical Contractor)	11/14/2024	\$3,000,000
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)	10/18/2024	\$12,000,000
Agresti Electric Inc. dba Coconit Electric	Laura Agresti	1025 Tanklage Road Suite E, San Carlos, CA, 94070	650-610-8586	650-610-8587	lagresti@coconitoelectric.com	601745_	C-10 (Electrical Contractor)	06/12/2024	\$1,250,000
ALESSANDRO ELECTRIC INCORPORATED	CLINT ALESSANDRO	11335 Sunrise Gold Circle Rancho Cordova, CA 95742	916-283-6966	916-283-6967	estimating@alessandroelectric.com	867775_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems 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-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	01/09/2025	\$3,000,000
Atlas/Pellizzari Electric Inc	Jim Weishaar	450 Howland St, Redwood City, CA, 94063	650-364-1204	650-364-6193	jimw@atlas-pellizzari.com	375862_	C-10 (Electrical Contractor)	12/04/2024	\$7,000,000
Audeamus dba Sebastian	Ron Cato	7600 N. Palm Ave, Fresno, CA, 93711	559-432-5800	559-432-5858	estimating@sebastiancorp.com	940822_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems 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-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	03/13/2024	\$4,900,000
B&M Builders, Inc.	Patrick Mullen	11330 Sunrise Park Dr., Suite C, Rancho Cordova, CA, 95742	916-638-8626	916-352-6944	Estimating@bm-builders.com ; hvac@bm-builders.com	861848_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-12 (Earthwork and Paving Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-27 (Landscaping Contractor), C-31 (Construction Zone Traffic Control Contractor), C-54 (Ceramic and Mosaic Tile Contractor)	01/25/2024	\$1,700,000
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-10 (Electrical 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-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	03/21/2024	\$1,700,000
Bear Electrical Solutions, Inc	Andrew Bader	P.O Box 924, Alviso, CA, 95002	408-449-5178	408-449-5147	andrew@bear-electrical.com	982079_	C-10 (Electrical Contractor), A (General Engineering Contractor), C-31 (Construction Zone Traffic Control Contractor), C-61 (Limited Specialty)	09/11/2024	\$1,500,000
Beci Electric, Inc.	Rebecca Anderson	8108 Capwell Drive, Oakland, CA, 94621	510-635-1477	510-635-1478	rebecca@becielectric.com	470977_	C-10 (Electrical Contractor)	01/31/2024	\$1,000,000
Best Electrical Co., Inc	Ruth Fallon	667 Walnut Street, San Jose, CA 95110	408-287-2040	408-287-0487	ruthg@besteleco.com	261313_	C-10 (Electrical Contractor)	04/03/2024	\$4,500,000
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)	10/23/2024	\$13,000,000
Bowen Engineering and Environmental	Erik Bowen	4664 S. Cedar Ave, Fresno, CA, 93725	559-233-7464	559-233-7468	office@bowendemo.com	816496_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-39 (Roofing Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	09/11/2024	\$1,200,000
Cal-Pacific Construction Inc	Kennedy Chan	1009 Terra Nova Blvd. , Pacifica, CA, 94044	650-557-1238 x109	650-557-1239	kc@pacific888.com	830908_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor)	12/04/2024	\$15,000,000
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)	02/10/2024	\$41,000,000
Con J Franke Electric Inc	Lori Smith	317 N. Grant Street, Stockton, CA 95202, CA, 95202	209-462-0717	209-462-2556	lori.smith@cjfranke.com	288366_	C-10 (Electrical Contractor)	10/23/2024	\$7,100,000

C-10 Electrical Contractor \$1M Prequal Application Report as of 01/09/2024
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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
DAN Electric	Vedran Michovich	2990 Teagarden Street, San Leandro, CA, 94577	510-351-7100	510-351-3200	danelectric@comcast.net	786781_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-15 (Flooring and Floor Covering Contractors)	01/25/2024	\$1,000,000
Del Monte Electric Co Inc.	Tracy O'Brien	6998 Sierra Court, Dublin, CA, 94583	925-829-6000	925-829-6833	tobrien@delmontelectric.com	161955_	C-10 (Electrical Contractor)	11/22/2024	\$7,000,000
Diversified Power Corporation	Scott Berryhill	1285 Stratford Avenue STE G 316, Dixon, CA, 95620	707-678-6328	707-678-8768	scotttdpc@sbcglobal.net	766894_	C-10 (Electrical Contractor)	03/13/2024	\$2,000,000
Eco Energy Solutions, Inc. dba High Volt Electric	Karo Gyonjyan	4485 Runway St., Simi Valley, CA, 93063	818-993-3732	805-422-8117	karo@highvoltelectric.com	963370_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor)	11/14/2024	\$3,500,000
Edward W. Scott Electric Co., Inc.	Abhinav Agrawal	500 W. Ohio Ave, Richmond, CA, 94901	415-206-7120	510-965-9554	aagrawal@scottelectric.com	190426_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor)	11/22/2024	\$8,000,000
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)	11/22/2024	\$9,500,000
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)	04/10/2024	\$24,000,000
Elecco	Danh Lai	45990 Paseo Padre Pkwy, Fremont, CA, 94539	510-579-5293		danh@elecco.us	1066372	C-10 (Electrical Contractor), B (General Building Contractor), A (General Engineering Contractor), C-7 (Low Voltage Systems Contractor)	04/06/2024	\$1,000,000
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-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	10/18/2024	\$1,150,000
FOS ELECTRIC INC	Steve Tsvetkov	1556 FITZGERALD DR #349, Pinole, CA, 94564	510-219-6265		steve@foselectric.net	1028928	C-10 (Electrical Contractor)	11/14/2024	\$4,000,000
General Lighting Service, Inc.	Christian Cusella	306 Mathew Street, Santa Clara CA 95050	408-298-6670	408-298-6795	connie@gls-inc.net	466869_	C-10 (Electrical Contractor)	10/23/2024	\$6,000,000
Golden Bay Fence Plus Iron works, Inc.	Paul Chavez	4104 South B Street, Stockton, CA, 96206	209-944-9754	209-944-5812	wmoreno@goldenbayfence.com	664905_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-13 (Fencing Contractor), C-23 (Ornamental Metal Contractor)	12/06/2024	\$8,900,000
Grand Electric & Construction Co., Inc.	Samuel Lee	133 Tanforan Ave., San Bruno, CA, 94066	650-588-5678	650-588-6678	sam@grandelec.com	948360_	C-10 (Electrical Contractor)	04/03/2024	\$2,150,000
H.A. Bowen Electric, Inc.	Paul Leal	2055 Williams Street, San Leandro, CA, 94577	510-483-0500	510-483-7210	paul@bowenelectric.com	384915_	C-10 (Electrical Contractor)	12/05/2024	\$3,500,000
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)	11/20/2024	\$50,000,000
InterMountain Electric Company	David Signorello	947 Washington St San Carlos CA 94070, [Enter City], CA, 00000	650-591-7118	650-591-7123	David@im-electric.com	820909_	C-10 (Electrical Contractor)	01/10/2024	\$5,000,000
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-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	11/14/2024	\$1,500,000
KYA Services, LLC	Jessica Gomez	1800 E McFadden Ave, Santa Ana, CA, 92705	714-659-6477	714-586-5526	jessica.gomez@theyyagroup.com	984827_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-15 (Flooring and Floor Covering Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty), C-33 (Painting and Decorating Contractor)	01/04/2025	\$17,500,000
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)	07/24/2024	\$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)	11/20/2024	\$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)	01/07/2025	\$18,500,000



C-10 Electrical Contractor \$1M Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
MCGRATH ELECTRIC, INC.	Jessica Marmolejo	2800 INDUSTRIAL, FAIRFIELD, CA, 94533	707-422-4131 x424	707-422-4151	jessicam@mcgrathelectricinc.com	853934_	C-10 (Electrical Contractor)	11/22/2024	\$4,500,000
McMillan Electric	Steve Varley	1480 Folsom Street, San Francisco, CA, 94103	415-826-5100	415-826-0142	svarley@mcmillanco.com	268179_	C-10 (Electrical Contractor)	12/05/2024	\$15,500,000
Mike Brown Electric Co.	Gary Ryan	561-A Mercantile Drive, Cotati, CA, 94931	707-792-8100	707-792-8110	garyr@mbelectric.com	306767_	C-10 (Electrical Contractor), A (General Engineering Contractor)	04/06/2024	\$4,000,000
Niles Electric Company	Jacob Brahmst	37316 Niles Blvd Unit 5, Fremont, CA, 94536	510-797-2500	510-797-6815	jacobbrahmst@nileselec.com	168342_	C-10 (Electrical Contractor)	11/28/2024	\$2,000,000
Pacific Power & Systems, Inc.	Beth Parker	4970 Peabody Road, Fairfield, CA, 94533	904-345-4529	707-759-7688	bethp@norleegroup.com	458315_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	01/31/2024	\$3,000,000
PacificWest Energy Solutions, Inc.	Haeil Kim	9250 Reseda Blvd #500, Northridge, CA 91324	562-250-4511	800-310-9596	contracts@pacificwestinc.com	888597_	C-10 (Electrical 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)	01/09/2025	\$10,500,000
PFEIFFER ELECTRIC CO., INC.	VANESA CALDERON	448 QUEENS LANE, [Enter City], CA, 00000	408-436-8523	408-436-0209	vanesa@pfeifferelectric.com	197773_	C-10 (Electrical Contractor)	04/04/2024	\$3,000,000
PMN DESIGN ELECTRIC INC dba DESIGN ELECTRIC	Agusia Moore	39 Wyoming Street, Pleasanton, CA, 94566	925-846-0650		amoore@designelco.com	348215_	C-10 (Electrical Contractor)	09/11/2024	\$9,500,000
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-10 (Electrical Contractor), C-16 (Fire Protection Contractor), A (General Engineering Contractor)	10/18/2024	\$1,000,000
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-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-16 (Fire Protection Contractor)	03/30/2024	\$1,500,000
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)	10/18/2024	\$8,000,000
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-10 (Electrical 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-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
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)	01/25/2024	\$380,000,000
Taft Electric Company	Travis Roy	1694 Eastman Avenue, Ventura, CA, 93003	805-642-0121	805-650-9015	troy@taftelectric.com	772245_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor)	04/06/2024	\$5,500,000
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)	11/14/2024	\$15,500,000
Tse Construction	Jerry Tse	699 Lewelling Blvd #146/338, San Leandro, CA, 94579	510-812-3466	510-323-2528	jerry@tsegc.com	925736_	C-10 (Electrical Contractor), B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-36 (Plumbing Contractor)	05/25/2024	\$2,000,000



C-10 Electrical Contractor \$1M Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Vanden Bos Electric, Inc.	Patrick Burke	502 Giuseppe Court #5, Roseville, CA 95678	916-773- 1500	916-773- 1973	Pat@vdbelectric.com	627898_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), B (General Building Contractor)	12/04/2024	\$6,500,000
W. Bradley Electric, LLC.	Joe Murphy	90 Hill Road, Novato, CA, 94945	415-898- 1400	415-898- 5991	jmurphy@wbeinc.com	390741_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor)	12/04/2024	\$27,000,000
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)	11/14/2024	\$11,000,000
Wilhite Electric Inc	Troy Wilhite	337 Preston Ct, Livermore, CA, 94551	925-443- 7400		troy@wilhiteinc.com	820528_	C-10 (Electrical Contractor), B (General Building Contractor)	10/18/2024	\$2,100,000



C-36 Plumbing \$250K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
4 Point Power, Inc. DBA 4 Point Electric	Paula Herrera	1313 N. Milpitas Blvd #161, Milpitas, Ca. 95035	408-823-1754	408-529-8250	paula@4pointpowerinc.com	1016759	C-10 (Electrical Contractor)	11/14/2024	\$3,000,000
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_	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-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	10/18/2024	\$12,000,000
ACS Controls Corporation	Jennifer Smith	4704 Roseville Rd suite 101, North Highlands , CA, 95660	916-640-8800		smithj@acscontrols.com	836670_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor)	12/11/2024	\$750,000
Advanced Alarm & Fire, Inc.	Emma Reyes	8724 Millergrove Dr., Santa Fe Springs, CA, 90670	562-351-3694		emmaq@weprotectall.com	750871_	C-10 (Electrical Contractor)	11/14/2024	\$325,000
AGC INC	Randy Attaway	745-B Camden Ave, Campbell, CA, 95008	408-637-1135	408-369-0309	randy@agcinc.com	780352_	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	11/14/2024	\$10,000,000
Agresti Electric Inc. dba Cocconi Electric	Laura Agresti	1025 Tanklage Road Suite E, San Carlos, CA, 94070	650-610-8586	650-610-8587	lagresti@cocconielectric.com	601745_	C-10 (Electrical Contractor)	06/12/2024	\$1,250,000
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
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
All Phase Electrical Incorporated	Karen Najarro	56 Burr ave, San Francisco , CA, 94134	415-533-6327	415-347-7060	karen@apelectricalsf.com	975841_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	12/07/2024	\$500,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	09/11/2024	\$1,500,000
Alten Construction, Inc.	Karin Romeo, Bid Coordinator	1141 Marina Way South, Richmond, CA 94804	510-234-4200	510-234-4221	bids@altenconstruction.com	705713_	A (General Engineering Contractor), B (General Building Contractor)	12/04/2024	\$60,000,000
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-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_	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	11/20/2024	\$1,500,000
Angotti & Reilly, Inc.	James Reilly	2200 JERROLD AVE, Suite E, San Francisco, CA, 94124	415-575-3700	415-575-1470	estimating@angotti-reilly.com	473263_	A (General Engineering Contractor), B (General Building Contractor)	10/23/2024	\$650,000
Anza Engineering Corp.	Randy Potts	P.O. Box 730, Brentwood, CA, 94513	925-513-2060	925-513-2063	anzaeng1@comcast.net	273213_	A (General Engineering Contractor), B (General Building Contractor)	07/24/2024	\$875,000
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-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	01/09/2025	\$3,000,000
Atlas/Pellizzari Electric Inc	Jim Weishaar	450 Howland St, Redwood City, CA, 94063	650-364-1204	650-364-6193	jimw@atlas-pellizzari.com	375862_	C-10 (Electrical Contractor)	12/04/2024	\$7,000,000
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
B&M Builders, Inc.	Patrick Mullen	11330 Sunrise Park Dr., Suite C, Rancho Cordova, CA, 95742	916-638-8626	916-352-6944	Estimating@bm-builders.com ; hvac@bm-builders.com	861848_	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor), C-12 (Earthwork and Paving Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-27 (Landscaping Contractor), C-31 (Construction Zone Traffic Control Contractor), C-54 (Ceramic and Mosaic Tile Contractor)	01/25/2024	\$1,700,000
B. T. Mancini, Co., Inc.	Peggy Briggs	PO Box 361930 Milpitas CA 95036, [Enter City], CA, 00000	408-942-7900	408-945-1360	peggy.briggs@btmancini.com	229210_	C-15 (Flooring and Floor Covering Contractors), C-39 (Roofing Contractor), C-51 (Structural Steel Contractor), B (General Building Contractor), C-61 (Limited Specialty)	05/02/2024	\$28,000,000



C-36 Plumbing \$250K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Bana Builders, Inc.	Sarah Xiong	338 North Canal Street #11, South San Francisco, CA 94080	415-508-9253	415-715-8371	bids@banabuilders.com	1052842	B (General Building Contractor)	11/14/2024	\$17,000,000
BAY CITIES FIRE PROTECTION, INC.	Leon Kresheck	51 FOLEY ST., SANTA ROSA, CA, 95401	707-579-8694	707-579-8920	bcfp@sbcglobal.net	731222_	C-16 (Fire Protection Contractor)	10/23/2024	\$770,000
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)	12/07/2024	\$12,500,000
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-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), C-36 (Plumbing Contractor)	03/21/2024	\$1,700,000
Beals Martin & Associates, Inc.	Dwight Ortmann	2596 Bay Road, Redwood City, CA, 94063	650-566-5884	650-367-7645	Patricia@bealsmartin.com	396189_	A (General Engineering Contractor), B (General Building Contractor)	03/22/2024	\$20,000,000
Bear Electrical Solutions, Inc	Andrew Bader	P.O Box 924, Alviso, CA, 95002	408-449-5178	408-449-5147	andrew@bear-electrical.com	982079_	C-10 (Electrical Contractor), A (General Engineering Contractor), C-31 (Construction Zone Traffic Control Contractor), C-61 (Limited Specialty)	09/11/2024	\$1,500,000
Beci Electric, Inc.	Rebecca Anderson	8108 Capwell Drive, Oakland, CA, 94621	510-635-1477	510-635-1478	rebecca@becielectric.com	470977_	C-10 (Electrical Contractor)	01/31/2024	\$1,000,000
Bell Products, Inc.	Gina Massolo	722 Soscol Ave, Napa, CA, 94559	707-255-1811	707-255-1908	gmassolo@bellproducts.com	171534_	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)	01/04/2025	\$5,500,000
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
Best Contracting Services, Inc.	Myris Guballa	4301 Bettencourt Way Union City, CA 94587	310-328-6969 x210	310-328-9176	estimating@bestcontracting.com	456263_	A (General Engineering Contractor), B (General Building Contractor), C-17 (Glazing Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	10/23/2024	\$30,000,000
Best Electrical Co., Inc	Ruth Fallon	667 Walnut Street, San Jose, CA 95110	408-287-2040	408-287-0487	ruthg@besteleco.com	261313_	C-10 (Electrical Contractor)	04/03/2024	\$4,500,000
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
Blach Construction Company	Noelle Blanchard	2244 Blach Place, Suite 100, San Jose, CA, 95131	408-244-7100	408-244-2220	noelle.blanchard@blach.com	290418_	A (General Engineering Contractor), B (General Building Contractor)	12/11/2024	\$50,000,000
Blue Arc Electric	Paul Aggarwal	2130 Trade Zone Blvd, Suite 20	408-727-6100		paggarwal@bluearcelectric.com	830904_	C-10 (Electrical Contractor)	04/12/2024	\$500,000
Bobo Construction, Inc.	Sarah Wilkins	9722 Kent Street, Suite A, Elk Grove, CA, 95624	916-383-7777	916-383-1681	cbobo@bobobconstructioninc.com	183537_	A (General Engineering Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-61 (Limited Specialty), C-8 (Concrete Contractor), C-36 (Plumbing Contractor)	03/17/2024	\$27,800,000
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)	10/23/2024	\$13,000,000
Bowen Engineering and Environmental	Erik Bowen	4664 S. Cedar Ave, Fresno, CA, 93725	559-233-7464	559-233-7468	office@bowendemo.com	816496_	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-10 (Electrical Contractor), C-39 (Roofing Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	09/11/2024	\$1,200,000
Buhler Commercial	Steve Buhler	400 Brannan Street; Suite 204, San Francisco, CA, 94107	415-610-8650		hilary@buhlercommercial.com	1003262	A (General Engineering Contractor), B (General Building Contractor)	11/28/2024	\$3,500,000
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



C-36 Plumbing \$250K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Cal-Pacific Construction Inc	Kennedy Chan	1009 Terra Nova Blvd. , Pacifica, CA, 94044	650-557-1238 x109	650-557-1239	kc@pacific888.com	830908_	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor)	12/04/2024	\$15,000,000
Calstate Construction, Inc.	Amelia Rodriguez	4165 Business Center Drive Fremont CA 94538, [Enter City], CA, 00000	510-657-1800	510-657-1810	amelia@calstateci.com	856043_	A (General Engineering Contractor), B (General Building Contractor)	09/11/2024	\$4,000,000
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
Collins Electrical Company Inc.	Araceli Torres	3412 Metro Drive, Stockton, CA, 95213	209-466-3691	209-466-3146	atorres@collinselectric.com	115427_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-31 (Construction Zone Traffic Control Contractor)	02/10/2024	\$41,000,000
COLOR NEW CO	LOUIS LOIZU	22855 CALIFA ST., WOODLAND HILLS, CA, 91367	818-884-0856	818-884-0217	colornewco@yahoo.com	818650_	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	12/11/2024	\$6,000,000
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_	A (General Engineering Contractor), B (General Building Contractor), C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	01/31/2024	\$1,100,000
Con J Franke Electric Inc	Lori Smith	317 N. Grant Street, Stockton, CA 95202, CA, 95202	209-462-0717	209-462-2556	lori.smith@cjfranke.com	288366_	C-10 (Electrical Contractor)	10/23/2024	\$7,100,000
Coulter Construction, Inc.	Tammy Hodge	1961 Old Middlefield Way, Mountain View, CA, 94043	650-964-8229	650-964-0150	tammy@coulterconst.com	440847_	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-9 (Drywall Contractor)	03/13/2024	\$9,500,000
Couts Heating & Cooling Inc.	Michael Stewart	801 E. Parkridge Ave Corona Ca. 92881	951-278-5560	951-278-5570 x0	Lswitzer@couts.com	375584_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning 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-36 (Plumbing Contractor), B (General Building Contractor)	01/04/2025	\$7,700,000
Covello's Pacific AirCare Inc	Paul Covello	2890 Butterfield Rd, riverside, CA, 92503	714-469-1757	951-977-8641	paul@pachvac.com	929914_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty)	12/05/2024	\$1,700,000
Cratus, Inc.	Michael Kirwan	945 Taraval Street, #302, San Francisco, CA, 94116	415-939-2840	415-520-6037	estimating@cratusinc.com	987888_	A (General Engineering Contractor), C-34 (Pipeline Contractor)	01/31/2024	\$4,000,000
CWS Construction Group Inc	charlie slack	1301 Grant Ave, Suite B, Novato, CA 94945	415-599-6545	415-209-0228	charliejr.cws@gmail.com	811153_	A (General Engineering Contractor), B (General Building Contractor)	03/06/2024	\$15,000,000
D. A. Bender Mechanical, Inc.	Patricia Bender	10135 Iron Rock Way, Elk Grove, CA, 95624	916-685-8521	916-685-8526	pat@dabendermechanical.com	673938_	C-36 (Plumbing Contractor)	01/04/2025	\$500,000
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)	04/25/2024	\$5,300,000
DAN Electric	Vedran Michovich	2990 Teagarden Street, San Leandro, CA, 94577	510-351-7100	510-351-3200	danelectric@comcast.net	786781_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), C-15 (Flooring and Floor Covering Contractors)	01/25/2024	\$1,000,000
Dana Kitchens & Associates, Inc.	Summer Kitchens	5464 SKYLANE BLVD STE F, SANTA ROSA, CA, 95403	707-571-8326		summer@danakitchens.com	744400_	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor)	07/24/2024	\$1,500,000
DDK Mechanical, Inc	Kenneth Seastrom	5761 Florin-Perkins Rd #9, Sacramento, CA, 95828	916-383-5190	916-383-5191	office3ddk@sbcglobal.net	855723_	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-43 (Sheet Metal Contractor)	12/08/2024	\$8,000,000
Del Monte Electric Co Inc.	Tracy O'Brien	6998 Sierra Court, Dublin, CA, 94583	925-829-6000	925-829-6833	tobrien@delmonteelectric.com	161955_	C-10 (Electrical Contractor)	11/22/2024	\$7,000,000
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
Diversified Power Corporation	Scott Berryhill	1285 Stratford Avenue STE G 316, Dixon, CA, 95620	707-678-6328	707-678-8768	scott@dpc@sbcglobal.net	766894_	C-10 (Electrical Contractor)	03/13/2024	\$2,000,000
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_	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)	10/23/2024	\$6,200,000
Du-Mor Fire Systems, Inc.	Monya Logan	17119 Placer Hills Rd, Meadow Vista, CA, 95722	530-878-9055	530-878-0206	dumorfir@usamedia.tv	722228_	C-16 (Fire Protection Contractor)	10/18/2024	\$325,000
Duran and Venables, Inc.	Manuela Batkovic	748 South Hillview Drive, Milpitas, CA, 95035	408-934-7300	408-934-7310	ela@dvpave.com	375068_	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	01/10/2024	\$19,700,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
E F Brett & Company, Inc.	Sydney Redfearn	1435 Technology Lane, Suite B1, Petaluma, CA 94954	415-524-8351 x105	415-524-8349	sydneyr@efbrett.com	924636_	A (General Engineering Contractor), B (General Building Contractor)	11/21/2024	\$35,000,000
Eco Energy Solutions, Inc. dba High Volt Electric	Karo Gyonjyan	4485 Runway St., Simi Valley, CA, 93063	818-993-3732	805-422-8117	karo@highvoltelectric.com	963370_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	11/14/2024	\$3,500,000
Edward W. Scott Electric Co., Inc.	Abhinav Agrawal	500 W. Ohio Ave, Richmond, CA, 94901	415-206-7120	510-965-9554	aagrawal@scottelectric.com	190426_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	11/22/2024	\$8,000,000
EIDIM Group Inc. dba EIDIM AV Technology	Aman Jain	1015 S. Placentia Ave. Fullerton, CA 92831	562-777-1009 x104	562-777-9120	estimate@eidim.com	824410_	B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	01/31/2024	\$300,000
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
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)	04/10/2024	\$24,000,000
Elecco	Danh Lai	45990 Paseo Padre Pkwy, Fremont, CA, 94539	510-579-5293		danh@elecco.us	1066372	B (General Building Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor), C-7 (Low Voltage Systems Contractor)	04/06/2024	\$1,000,000
Elite Earthworks & Engineering	Mark Schwab	19907 Temescal Canyon Road, Corona, CA, 92881	951-496-0305	951-245-2245	Mark.s@elite-earthworks.com	963457_	A (General Engineering Contractor), C-21 (Building Moving/Demolition Contractor)	02/17/2024	\$2,000,000
Elite Foodservice Development LLC	Robert Perry	1921 Carnegie Ave. Suite #3C, Santa Ana, CA, 92705	657-210-4512 x101	657-207-5003	rob@elitesfd.com;angie@elitesfd.com;dirk@elitesfd.com	1051412	B (General Building Contractor)	01/25/2024	\$1,300,000
Environmental Systems, Inc.	Donna Nyblom	3353 De La Cruz Blvd., Santa Clara, CA, 95054	408-980-1711	408-980-0714	dnyblom@esite.net	422478_	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor), C-38 (Refrigeration Contractor)	11/28/2024	\$18,000,000
EVRA Construction, Inc.	Alexandr Yunak	2227 26TH Ave San Francisco, CA 94116	415-467-1336	415-467-1356	alex@evraconstruction.com	765231_	B (General Building Contractor)	02/27/2024	\$1,600,000
F&H Construction	Madison Horton	1115 E. Lockeford Street, Lodi, CA 95240	209-931-3738	209-931-4427	mhorton@f-hconst.com	293306_	A (General Engineering Contractor), B (General Building Contractor)	11/14/2024	\$48,000,000
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-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)	10/18/2024	\$25,000,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	11/22/2024	\$2,000,000
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-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	10/18/2024	\$1,150,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$1,200,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), B (General Building Contractor), C-43 (Sheet Metal Contractor)	10/30/2024	\$5,500,000
FOS ELECTRIC INC	Steve Tsvetkov	1556 FITZGERALD DR #349, Pinole, CA, 94564	510-219-6265		steve@foselectric.net	1028928	C-10 (Electrical Contractor)	11/14/2024	\$4,000,000
Galeb Paving, Inc.	Lee Pellicciotti	12340 Saratoga-Sunnyvale Road, Saratoga, CA, 95070	408-253-4747	408-253-4753	lee@galebpaving.com	325912_	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	11/28/2024	\$2,500,000
GCCI, INC.	Brandon Gentry	4701 Old Redwood Highway, Suite 1, Santa Rosa, CA 95403	707-545-2134	707-545-2156	brandon@gcciinc.com	729437_	B (General Building Contractor)	10/23/2024	\$19,000,000
General Lighting Service, Inc.	Christian Cusella	306 Mathew Street, Santa Clara CA 95050	408-298-6670	408-298-6795	connie@glis-inc.net	466869_	C-10 (Electrical Contractor)	10/23/2024	\$6,000,000
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
Global Modular Inc	Adam DeBard	1120 Commerce Ave, 25, Atwater, CA, 95301	209-676-8029	209-676-8067	adebard@gdvi.net	837357_	B (General Building Contractor)	04/28/2024	\$17,000,000
Golden Bay Fence Plus Iron works, Inc.	Paul Chavez	4104 South B Street, Stockton, CA, 96206	209-944-9754	209-944-5812	wmoreno@goldenbayfence.com	664905_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-13 (Fencing Contractor), C-23 (Ornamental Metal Contractor)	12/06/2024	\$8,900,000
Gonsalves and Stronck Construction Company Inc	Lori Eldredge	1000 Washington Street, San Carlos, CA, 94070	650-802-2960	650-802-2970	leldredge@gsc-construction.com	672769_	B (General Building Contractor)	10/25/2024	\$23,100,000
Grand Electric & Construction Co., Inc.	Samuel Lee	133 Tanforan Ave., San Bruno, CA, 94066	650-588-5678	650-588-6678	sam@grandelec.com	948360_	C-10 (Electrical Contractor)	04/03/2024	\$2,150,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Granite Rock Company	Cindy Short	P O BOX 50001, Watsonville, CA 95077	408-574-1400	408-365-9548	estimating@graniterock.com	22	A (General Engineering Contractor), B (General Building Contractor), HAZ (Hazardous Substance Removal Certification), C-12 (Earthwork and Paving Contractors)	10/18/2024	\$7,000,000
GroundLevel Construction, Inc.	Julie Accettola	5013 Forni Dr., Unit C, Concord, CA, 94520	925-446-6084	925-446-6375	julie@groundlevelconstruction.com	991672	A (General Engineering Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), HAZ (Hazardous Substance Removal Certification)	04/10/2024	\$6,200,000
H.A. Bowen Electric, Inc.	Paul Leal	2055 Williams Street, San Leandro, CA, 94577	510-483-0500	510-483-7210	paul@bowenelectric.com	384915	C-10 (Electrical Contractor)	12/05/2024	\$3,500,000
Harry L Murphy Inc	Raymond Aranas	42 Bonaventura Drive	408-955-1100 x231		raymond@harrylmurphy.com, angle@harrylmurphy.com	145985	C-15 (Flooring and Floor Covering Contractors)	04/28/2024	\$2,000,000
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
Hoem & Associates, Inc.	Will Martin	951 Linden Ave, South San Francisco, CA, 94080	650-871-5194	650-875-1048	will@hoemassociates.com	381718	C-15 (Flooring and Floor Covering Contractors)	04/28/2024	\$3,900,000
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
I & A Contractor Inc.	Alan Ibarra	3158 Spring St., Redwood City, CA, 94063	650-315-1927		alan@iacontractorinc.com	989071	B (General Building Contractor), C-39 (Roofing Contractor)	04/28/2024	\$1,500,000
ICC General Contractors, Inc.	ICC General Inc.	400 Reed Street Suite 140, Santa Clara, CA 95050	408-733-6656	408-733-6657	icc@att.net	765256	B (General Building Contractor)	01/25/2024	\$2,200,000
ICOM Mechanical, Inc	Cindy Tatsumi	477 Burke Street, San Jose, CA, 95112	408-792-2240	408-292-4968	ctatsumi@icominc.com	408622	C-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
Industrial Electronic Systems Inc	Lutfi Abed	3250 Monier Circle #F, Rancho Cordova, CA, 95742	916-638-1000	916-638-1105	labed@iesi.net	497350	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	12/14/2024	\$260,000
InterMountain Electric Company	David Signorello	947 Washington St San Carlos CA 94070, [Enter City], CA, 00000	650-591-7118	650-591-7123	David@im-electric.com	820909	C-10 (Electrical Contractor)	01/10/2024	\$5,000,000
Interstate Grading & Paving, Inc.	Craig Caron; President	128 South Maple Avenue , South San Francisco, CA, 94080	650-952-7333	650-952-6851	tina@igpinc.com	366020	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	10/25/2024	\$7,000,000
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
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)	04/19/2024	\$2,600,000
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-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	11/14/2024	\$1,500,000
JR Wagner Fire Protection, Inc.	Karen Finney	P.O. Box 5037, Modesto, CA, 95350	209-993-7681	877-232-8944	karen@jrwagnerfire.com	968003	C-16 (Fire Protection Contractor)	03/13/2024	\$600,000
JTE Electrical inc	Jim tidwell	1101 National Dr Ste D, Sacramento, CA, 95834	916-306-7534	916-200-3460	jimt@jte-electrical.com	1062500	C-10 (Electrical Contractor)	11/22/2024	\$900,000
JUV INC	VLADIMIR CHERNYAVSKIY	7901 OAKPORT STREET , SUITE 2700, OAKLAND, CA, 94621	510-836-1300 x105	510-777-9203	irina@juvinc.com	924181	B (General Building Contractor)	11/14/2024	\$7,400,000
KAMRAN AND COMPANY, LLC	Anja Nachtigall	415 N Salsipuedes St Santa Barbara, CA 93103	800-480-9418 x4028	805-962-5915	anja@kamranco.com	1096846	C-38 (Refrigeration Contractor), B (General Building Contractor), C-61 (Limited Specialty), C-43 (Sheet Metal Contractor)	01/04/2025	\$24,000,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
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
KYA Services, LLC	Jessica Gomez	1800 E McFadden Ave, Santa Ana, CA, 92705	714-659-6477	714-586-5526	jessica.gomez@theyagroup.com	984827_	A (General Engineering Contractor), B (General Building Contractor), C-15 (Flooring and Floor Covering Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	01/04/2025	\$17,500,000
Landmark Constructors, Inc.	Kirsten Gerbi	4312 Anthony Court, Suite B, Rocklin, CA, 95677	916-663-1953	916-663-1867	kgerbi@landmarkconst.net	1040270	B (General Building Contractor)	04/25/2024	\$26,000,000
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)	12/06/2024	\$69,000,000
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
Linoleum Sales Co. Inc., DBA Anderson Commercial Flooring	Joe McKeown	1000 W Grand Ave, Oakland, CA, 94607	510-889-8644	510-652-5344	joe.mckeown@andersoncf.com	242102_	C-15 (Flooring and Floor Covering Contractors)	05/02/2024	\$17,000,000
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_	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	03/21/2024	\$3,700,000
Lusardi Construction Company	Marcella Garofalo	1570 Linda Vista Drive, San Marcos, CA, 92078	760-744-3133	760-744-9064	mgarofalo@lusardi.com	207287_	A (General Engineering Contractor), B (General Building Contractor)	09/11/2024	\$40,000,000
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-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
Mar Con Builders, Inc. dba Mar Con Co.	Marco Manriquez	8108A Capwell Drive, Oakland, CA, 94621	510-639-1914	510-639-1915	marco@marconcompany.com	829636_	B (General Building Contractor), C-9 (Drywall Contractor), C-6 (Cabinet, Millwork and Finish Carpentry Contractor), C-15 (Flooring and Floor Covering Contractors)	01/05/2025	\$4,100,000
Marina Landscape, Inc.	Hue Ta	3707 W Garden Grove Blvd, Orange, CA, 92868	714-939-6600 x485	714-935-1199	estimator@marinaco.com	492862_	C-36 (Plumbing Contractor), A (General Engineering Contractor), B (General Building Contractor), C-27 (Landscaping Contractor), C-61 (Limited Specialty), C-29 (Masonry Contractor)	10/18/2024	\$1,000,000
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
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)	01/07/2025	\$18,500,000
MCGRATH ELECTRIC, INC.	Jessica Marmolejo	2800 INDUSTRIAL, FAIRFIELD, CA, 94533	707-422-4131 x424	707-422-4151	jessicam@mcgrathelectricinc.com	853934_	C-10 (Electrical Contractor)	11/22/2024	\$4,500,000
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
McMillan Electric	Steve Varley	1480 Folsom Street, San Francisco, CA, 94103	415-826-5100	415-826-0142	svarley@mcmillanco.com	268179_	C-10 (Electrical Contractor)	12/05/2024	\$15,500,000
Michael Venosta Plumbing and Mechanical Inc.	Kelly Venosta	8505 Church Street Unit 13, Gilroy, CA, 95020	408-842-4004	408-842-4005	kelly@michaelvenostaplumbing.com	969247_	C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	12/13/2024	\$500,000
Midstate Construction Corporation	Mickale McChristian	1180 Holm Rd, Petaluma, CA, 94954	707-762-3200	707-762-0700	mickalem@midstateconstruction.com	089455_	B (General Building Contractor)	11/14/2024	\$55,000,000



C-36 Plumbing \$250K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Mike Brown Electric Co.	Gary Ryan	561-A Mercantile Drive, Cotati, CA, 94931	707-792-8100	707-792-8110	garyr@mbelectric.com	306767_	C-10 (Electrical Contractor), A (General Engineering Contractor)	04/06/2024	\$4,000,000
MK Pipelines Inc	Laura Kilbane	3708 bayshore blvd, brisbane, CA, 94005	415-825-5000 x103	415-825-5001	laurakilbane@mkpipelines.com	856827_	A (General Engineering Contractor), B (General Building Contractor)	10/23/2024	\$2,000,000
MMJ Construction, Inc.	Judy Bailey-Savage	39100 Air Park drive, Temcula, CA, 92592	951-216-8862	951-457-6484	info@mmjconstruction.com	988999_	C-36 (Plumbing Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	10/30/2024	\$900,000
Monarch Mechanical dba OWR 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
MPI - Miller Plumbing Inc.	David Miller	949 N Cataract Ave #L, San Dimas CA 91773	626-714-5555		nathan@mplumbing.com	720581_	C-36 (Plumbing Contractor), C-34 (Pipeline Contractor)	03/30/2024	\$1,300,000
Nations Roof West LLC	Sean Rauch	5463 E. Hedges Ave. , Fresno , CA, 93727	559-252-1255	559-252-1256	srauch@nationsroof.com	1012378	C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor), B (General Building Contractor)	01/10/2024	\$6,200,000
Niles Electric Company	Jacob Brahmst	37316 Niles Blvd Unit 5, Fremont, CA, 94536	510-797-2500	510-797-6815	jacobbrahmst@nileselec.com	168342_	C-10 (Electrical Contractor)	11/28/2024	\$2,000,000
NV Construction LLC	Henry Vila	590 South 33rd Street, Richmond, CA, 94804	510-715-0870	510-236-4979	henry@nvc.llc	1065384	B (General Building Contractor)	01/25/2024	\$450,000
O.C. Jones & Sons, Inc.	Heidi Faria	1520 Fourth St. Berkeley CA 94710, [Enter City], CA, 00000	510-809-3446	510-526-0990	hfaria@ocjones.com	759729_	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	03/06/2024	\$25,000,000
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-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
Oakview Constructors, Inc.	Tamara Bernardo	PO Box 625/959 Calimesa Boulevard, Calimesa, CA, 92320	909-795-0990	909-795-3150	tammy@oakviewci.com	462847_	B (General Building Contractor), C-8 (Concrete Contractor)	02/15/2024	\$3,650,000
Overhaul Construction Inc	Francisco Alvarez	1030 MERCED ST, NEWMAN, CA, 95360	209-968-1947		overhaul_construction@yahoo.com	933725_	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor)	01/31/2024	\$250,000
PAC SHIELD Roof Services Inc	Gabriela Lapizco	5151 Pentecost Dr. Ste A-1 , Modesto, CA, 95356	800-689-4716		glapizco@pacshield.com	1031725	C-39 (Roofing Contractor), C-43 (Sheet Metal Contractor)	09/11/2024	\$3,750,000
Pacific Contractors Group Inc	Setmir Qose	19025 Parthenia St, Unit #122, Northridge, CA 91324	818-993-5899 x0	818-993-5895 x0	pacificcontractorsinc@gmail.com	927973_	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-35 (Lathing and Plastering Contractor)	01/04/2025	\$5,500,000
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
PacificWest Energy Solutions, Inc.	Hael Kim	9250 Reseda Blvd #500, Northridge, CA 91324	562-250-4511	800-310-9596	contracts@pacificwestinc.com	888597_	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)	01/09/2025	\$10,500,000
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
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
Perfection Stainless Fabrication, Inc.	Chris Carmignani	901 Sumner Street, Bakersfield, CA, 93305	661-324-5466	661-324-7714	sales@perfectionsf.com	462114_	C-43 (Sheet Metal Contractor), C-61 (Limited Specialty)	01/04/2025	\$1,000,000
PFEIFFER ELECTRIC CO., INC.	VANESA CALDERON	448 QUEENS LANE, [Enter City], CA, 00000	408-436-8523	408-436-0209	vanesa@pfeifferelectric.com	197773_	C-10 (Electrical Contractor)	04/04/2024	\$3,000,000
Plumbing Systems West, Inc. dba Mechanical Insulation Systems	Christy Hart	31491 Outer Highway 10, Redlands, CA, 92373	909-794-3959	909-794-3959	christy@mechinsulation.net	992207_	C-36 (Plumbing Contractor), C-2 (Insulation and Acoustical Contractor), B (General Building Contractor)	04/28/2024	\$450,000
PMN DESIGN ELECTRIC INC dba DESIGN ELECTRIC	Agusia Moore	39 Wyoming Street, Pleasanton, CA, 94566	925-846-0650		amoore@designelco.com	348215_	C-10 (Electrical Contractor)	09/11/2024	\$9,500,000
Polychrome Construction Inc	Marios Polychronas	8908 Balboa Blvd, Northridge, CA, 91325	818-831-8308	818-775-9944	info@polychromepainting.com	993826_	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	07/13/2024	\$1,500,000
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-61 (Limited Specialty), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	10/18/2024	\$5,600,000
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



C-36 Plumbing \$250K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Preston Pipelines Infrastructure LLC	Michelle Costanza	133 Bothelo Avenue, Milpitas, CA, 95691	408-262-1418 x113	408-262-1870	mcostanza@prestonpipelines.com	1059395	A (General Engineering Contractor), C-16 (Fire Protection Contractor), C-34 (Pipeline Contractor), C-42 (Sanitation System Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$46,000,000
Pro-Ex Construction, Inc.	Pavel Chernyy	3223 Luyung Dr, Rancho Cordova, CA, 95742	916-970-0097	916-222-1478	bids@proexconstruction.com	959719_	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor)	10/18/2024	\$750,000
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
R.E. Schultz Construction Inc.	Nicole Roth	1767 N. Batavia St., Orange, CA, 92865	714-649-2627	714-740-5049	nicole@reschultzconstruction.com	1007195	A (General Engineering Contractor), B (General Building Contractor), C-61 (Limited Specialty)	10/18/2024	\$550,000
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
RC Benson & Sons Inc General Contractors	Richard Benson	1959 Leghorn St, Suite A, Mountain View CA 94043, CA, 94043	650-965-3430	650-965-7139	rich@rcbensonsons.com	266650_	B (General Building Contractor)	01/04/2025	\$1,500,000
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_	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	03/30/2024	\$1,500,000
Resource Environmental, Inc.	Chase Tinsley	13100 Alondra Bl Suite 108, Cerritos CA 90703	562-468-7000	562-468-0600	bids@resource-env.com	864417_	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-22 (Asbestos Abatement Contractor), C-61 (Limited Specialty)	11/14/2024	\$11,500,000
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
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
Roebbelen Contracting, Inc.	Robert J. Kjome	1241 Hawks Flight Court, El Dorado Hills, CA, 95762	916-939-4000	916-939-4027	estimating@roebbelen.com	734124_	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-13 (Fencing Contractor)	01/25/2024	\$25,000,000
Roofing Constructors Inc dba Western Roofing Service	Esther Morales	15002 Wicks Boulevard, San Leandro, CA, 94577	510-686-4951	510-357-1160	emorales2@westroof.com	180533_	B (General Building Contractor), C-33 (Painting and Decorating Contractor), ASB (Asbestos Certification), C-39 (Roofing Contractor)	12/12/2024	\$2,600,000
ROUNTREE PLUMBING AND HEATING INC.	STEPHEN SINGEWALD	1624 Santa Clara Dr. Suite 120, Roseville, CA, 95661	650-298-0312		dcrabb@rountreeinc.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
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)	09/11/2024	\$5,000,000
S. J. Amoroso Construction Co., LLC	Marketing Department	390 Bridge Parkway, Redwood Shores, CA, 94065	714-433-2326	650-654-9002	marketing@sjamoroso.com	331024_	A (General Engineering Contractor), B (General Building Contractor)	12/04/2024	\$75,000,000
S+B James Construction California, Inc.	Silas Nigam	1450 Halyard Drive, Suite 11A, West Sacramento, CA, 95691	916-290-8618	916-307-6201	silasnigam@sbjames.com	1048064	B (General Building Contractor)	10/18/2024	\$32,000,000
Sausal Corporation	Teena Singley	3550 Willow Pass Road Concord, CA 94519	925-568-2200	925-568-2525	tsingley@sausal.net	281425_	B (General Building Contractor)	10/25/2024	\$16,000,000
SC Builders, Inc.	Chris Smither	910 Thompson Place, Sunnyvale, CA, 94085	408-328-0688		csmither@scbuildersinc.com	767196_	B (General Building Contractor)	12/11/2024	\$87,500,000
Selway Construction	Peter Hawkins	728 Charcot Ave. San Jose, CA 95131	408-382-9841		peter@selwayconstruction.com	1056018	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	11/14/2024	\$735,000
Sierra Building Systems, Inc A Low Voltage Integrator	Sierra Ahlers	6131 Pacific Street, Rocklin, CA, 95678	530-637-5550	530-637-5551	sierraa@sierrabuildingsystems.net	783225_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	01/31/2024	\$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
SJD&B, Inc.	Simon Jeon	20451 Valley Blvd., Walnut, CA, 91789	909-481-0001		info@sjdandb.com	1001950	B (General Building Contractor), A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors), C-39 (Roofing Contractor)	11/20/2024	\$1,500,000
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)	10/18/2024	\$8,000,000



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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
So Cal Shaker Plates & Construction Site Services LLC	Maverick Cissell	600 CENTRAL AVE SUITE 105, Lake Elsinore, CA, 92530	951-588-5585		sales@nationalswppp.com	1099259	B (General Building Contractor)	01/31/2024	\$1,100,000
Southern Bleacher Company, Inc.	Alison Seaberry	PO Box 1 Graham TX 76450	940-549-0733	940-549-1365	seaberry@southernbleacher.com	564497_	A (General Engineering Contractor)	10/23/2024	\$10,000,000
Sposeto Engineering Inc	John Sposeto	4558 Contractors Place, Livermore, CA, 94551	925-443-4200	925-443-5800	johns@sposetoengineering.com	310292_	A (General Engineering Contractor), C-8 (Concrete Contractor)	11/14/2024	\$300,000
SSB Contracting, Inc	Alicia Byers	1161 Terven Ave, Salinas, CA, 93901	831-424-1647		abyers@ssbconstruction.com	191651_	B (General Building Contractor), C-51 (Structural Steel Contractor), C-39 (Roofing Contractor), C-33 (Painting and Decorating Contractor)	12/14/2024	\$10,600,000
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
Sterling Environmental Corporation	Natalie OBrien	10203 E Street, Oakland, CA, 94603	510-638-2800 x201	510-638-2804	nobrien@sterlingenv.com	537909_	A (General Engineering Contractor), C-2 (Insulation and Acoustical Contractor), C-22 (Asbestos Abatement Contractor), ASB (Asbestos Certification)	03/20/2024	\$2,600,000
Strawn Construction, Inc.	Yvonne Gilgo	1140 Pedro Street, Suite 1, San Jose, CA, 95126	408-286-1299	408-286-1288	estimating@scmdinc.com	927286_	B (General Building Contractor)	11/09/2024	\$16,500,000
SUMMIT STEEL WORKS, CORP.	Ben Shelton	850 Faulstich Court, San Jose, CA, 95112	408-510-5893	408-510-5899	bshelton@summitsteelworks.com	816734_	C-51 (Structural Steel Contractor)	11/14/2024	\$13,000,000
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-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
Taft Electric Company	Travis Roy	1694 Eastman Avenue, Ventura, CA, 93003	805-642-0121	805-650-9015	troy@taftelectric.com	772245_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor)	04/06/2024	\$5,500,000
Tarlton and Son, Inc	Katie Machado	3562 S. Elm Ave, Fresno, CA, 93706	559-486-0584 x113	559-486-0511	dholland@tarltonandson.com	342341_	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-9 (Drywall Contractor), C-35 (Lathing and Plastering Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	12/12/2024	\$18,500,000
Tennyson Electric, LLC.	Michelle Coatney	7275 National Drive Suite A-2, Livermore, CA, 94550	925-390-0104	925-606-7656	estimating@tennysonelec.com	717998_	A (General Engineering Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	11/14/2024	\$15,500,000
Thompson Builders Corporation	Laura Ellington	5400 Hanna Ranch Road, Novato, CA, 94945	415-456-8972 x4459	415-459-0665	laurae@tbcorp.com	626859_	A (General Engineering Contractor), B (General Building Contractor), C-17 (Glazing Contractor)	04/06/2024	\$20,000,000



C-36 Plumbing \$250K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-43 (Sheet Metal Contractor)	11/14/2024	\$4,200,000
Tri Valley Excavating Co Inc	Molly Galedrige	po box 287, sunol, CA, 94586	925-862-0708	925-862-0905	msg@trivalleyx.com	541927_	A (General Engineering Contractor), B (General Building Contractor), C-12 (Earthwork and Paving Contractors), HAZ (Hazardous Substance Removal Certification)	11/01/2024	\$1,600,000
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
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
Ultimate Pool Remodeling Inc dba Ultimate Construction	Daniel McCullah	231 E. Alessandro Blvd A PMB 3	951-686-1330	951-686-1377	daniel@ultimatepoolremodeling.com	924161_	C-53 (Swimming Pool Contractor), B (General Building Contractor)	11/14/2024	\$400,000
Vanden Bos Electric, Inc.	Patrick Burke	502 Giuseppe Court #5, Roseville, CA 95678	916-773-1500	916-773-1973	Pat@vdbelectric.com	627898_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), B (General Building Contractor)	12/04/2024	\$6,500,000
VLA Construction Inc	Veronique Loizu	22815 Ventura Blvd. #157, Woodland Hills, CA, 91364	818-225-1800	818-225-8112	vlainc@hotmail.com	1040399	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	10/24/2024	\$3,500,000
W. Bradley Electric, LLC.	Joe Murphy	90 Hill Road, Novato, CA, 94945	415-898-1400	415-898-5991	jmurphy@wbeinc.com	390741_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	12/04/2024	\$27,000,000
W. E. Lyons Construction Co.	Rebecca Boyd	1301 Ygnacio Valley Rd., Walnut Creek, CA, 94598	925-949-4655	925-658-1604	rboyd@welyons.com	180607_	A (General Engineering Contractor), B (General Building Contractor)	11/20/2024	\$10,500,000
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
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
Wickman Development and Construction	Jonathan Wickman	550 West Grand Avenue, Oakland, CA 94612	415-239-4500	415-239-4511	wdcoffice2@wickmandev.com	970768_	A (General Engineering Contractor), B (General Building Contractor)	01/04/2025	\$31,000,000
Wilhite Electric Inc	Troy Wilhite	337 Preston Ct, Livermore, CA, 94551	925-443-7400		troy@wilhiteinc.com	820528_	C-10 (Electrical Contractor), B (General Building Contractor)	10/18/2024	\$2,100,000

C-7 Low Voltage \$200K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

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
All Phase Electrical Incorporated	Karen Najarro	56 Burr ave, San Francisco , CA, 94134	415-533-6327	415-347-7060	karen@apelectricalsf.com	975841_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	12/07/2024	\$500,000
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)	01/09/2025	\$3,000,000
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
Cal-Pacific Construction Inc	Kennedy Chan	1009 Terra Nova Blvd. , Pacifica, CA, 94044	650-557-1238 x109	650-557-1239	kc@pacific888.com	830908_	C-7 (Low Voltage Systems Contractor), A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor)	12/04/2024	\$15,000,000
DAN Electric	Vedran Michovich	2990 Teagarden Street, San Leandro, CA, 94577	510-351-7100	510-351-3200	danelectric@comcast.net	786781_	C-7 (Low Voltage Systems Contractor), A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-15 (Flooring and Floor Covering Contractors)	01/25/2024	\$1,000,000
EIDIM Group Inc. dba EIDIM AV Technology	Aman Jain	1015 S. Placentia Ave. Fullerton, CA 92831	562-777-1009 x104	562-777-9120	estimate@eidim.com	824410_	C-7 (Low Voltage Systems Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	01/31/2024	\$300,000
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
Elecco	Danh Lai	45990 Paseo Padre Pkwy, Fremont, CA, 94539	510-579-5293		danh@elecco.us	1066372	C-7 (Low Voltage Systems Contractor), B (General Building Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor)	04/06/2024	\$1,000,000
Industrial Electronic Systems Inc	Lutfi Abed	3250 Monier Circle #F, Rancho Cordova, CA, 95742	916-638-1000	916-638-1105	labed@iesi.net	497350_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	12/14/2024	\$260,000
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
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
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
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
Sierra Building Systems, Inc A Low Voltage Integrator	Sierra Ahlers	6131 Pacific Street, Rocklin, CA, 95678	530-637-5550	530-637-5551	sierra@sierrabuildingsystems.net	783225_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	01/31/2024	\$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-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
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-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)	12/04/2024	\$6,500,000



SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT

C-7 Low Voltage \$200K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
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



C-16 Fire Protection \$100K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

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
BAY CITIES FIRE PROTECTION, INC.	Leon Kresheck	51 FOLEY ST., SANTA ROSA, CA, 95401	707-579-8694	707-579-8920	bcfp@sbglobal.net	731222_	C-16 (Fire Protection Contractor)	10/23/2024	\$770,000
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-16 (Fire Protection Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing 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-16 (Fire Protection Contractor), C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	10/24/2024	\$200,000
Cal-Pacific Construction Inc	Kennedy Chan	1009 Terra Nova Blvd. , Pacifica, CA, 94044	650-557-1238 x109	650-557-1239	kc@pacific888.com	830908_	C-16 (Fire Protection Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor)	12/04/2024	\$15,000,000
Du-Mor Fire Systems, Inc.	Monya Logan	17119 Placer Hills Rd, Meadow Vista, CA, 95722	530-878-9055	530-878-0206	dumorfir@usamedia.tv	722228_	C-16 (Fire Protection Contractor)	10/18/2024	\$325,000
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
JR Wagner Fire Protection, Inc.	Karen Finney	P.O. Box 5037, Modesto, CA, 95350	209-993-7681	877-232-8944	karen@jrwagnerfire.com	968003_	C-16 (Fire Protection Contractor)	03/13/2024	\$600,000
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
Sierra Building Systems, Inc A Low Voltage Integrator	Sierra Ahlers	6131 Pacific Street, Rocklin, CA, 95678	530-637-5550	530-637-5551	sierraa@sierrabuildingsystems.net	783225_	C-16 (Fire Protection Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	01/31/2024	\$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-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



C-16 Fire Protection \$100K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

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



SAN MATEO-
FOSTER CITY
SCHOOL DISTRICT

C-34 Pipeline \$58K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	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)	01/31/2024	\$4,000,000
MPI - Miller Plumbing Inc.	David Miller	949 N Cataract Ave #L, San Dimas CA 91773	626-714-5555		nathan@mplumbing.com	720581_	C-34 (Pipeline Contractor), C-36 (Plumbing Contractor)	03/30/2024	\$1,300,000
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)	01/25/2024	\$46,000,000



C-43 Sheet Metal \$67K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
4 Point Power, Inc. DBA 4 Point Electric	Paula Herrera	1313 N. Milpitas Blvd #161, Milpitas, Ca. 95035	408-823-1754	408-529-8250	paula@4pointpowerinc.com	1016759	C-10 (Electrical Contractor)	11/14/2024	\$3,000,000
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_	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-16 (Fire Protection Contractor), C-42 (Sanitation System Contractor)	10/18/2024	\$12,000,000
ACS Controls Corporation	Jennifer Smith	4704 Roseville Rd suite 101, North Highlands , CA, 95660	916-640-8800		smithj@acscontrols.com	836670_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-10 (Electrical Contractor)	12/11/2024	\$750,000
Advanced Alarm & Fire, Inc.	Emma Reyes	8724 Millergrove Dr., Santa Fe Springs, CA, 90670	562-351-3694		emmaq@weprotectall.com	750871_	C-10 (Electrical Contractor)	11/14/2024	\$325,000
AGC INC	Randy Attaway	745-B Camden Ave, Campbell, CA, 95008	408-637-1135	408-369-0309	randy@agcinc.com	780352_	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	11/14/2024	\$10,000,000
Agresti Electric Inc. dba Cocconi Electric	Laura Agresti	1025 Tanklage Road Suite E, San Carlos, CA, 94070	650-610-8586	650-610-8587	lagresti@cocconielectric.com	601745_	C-10 (Electrical Contractor)	06/12/2024	\$1,250,000
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-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
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
All Phase Electrical Incorporated	Karen Najarro	56 Burr ave, San Francisco , CA, 94134	415-533-6327	415-347-7060	karen@apelectricalsf.com	975841_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	12/07/2024	\$500,000
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-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	09/11/2024	\$1,500,000
Alten Construction, Inc.	Karin Romeo, Bid Coordinator	1141 Marina Way South, Richmond, CA 94804	510-234-4200	510-234-4221	bids@altenconstruction.com	705713_	A (General Engineering Contractor), B (General Building Contractor)	12/04/2024	\$60,000,000
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-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-38 (Refrigeration 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_	B (General Building Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	11/20/2024	\$1,500,000
Angotti & Reilly, Inc.	James Reilly	2200 JERROLD AVE, Suite E, San Francisco, CA, 94124	415-575-3700	415-575-1470	estimating@angotti-reilly.com	473263_	A (General Engineering Contractor), B (General Building Contractor)	10/23/2024	\$650,000
Anza Engineering Corp.	Randy Potts	P.O. Box 730, Brentwood, CA, 94513	925-513-2060	925-513-2063	anzaeng1@comcast.net	273213_	A (General Engineering Contractor), B (General Building Contractor)	07/24/2024	\$875,000
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-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	01/09/2025	\$3,000,000
Atlas/Pellizzari Electric Inc	Jim Weishaar	450 Howland St, Redwood City, CA, 94063	650-364-1204	650-364-6193	jimw@atlas-pellizzari.com	375862_	C-10 (Electrical Contractor)	12/04/2024	\$7,000,000
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
B E A M CONSTRUCTION ENTERPRISES INC	Michelle Dolan	2127 25th Ave, San Francisco, CA, 94116	650-302-8600		info@beamconstructioninc.com	1079434	B (General Building Contractor)	02/10/2024	\$200,000
B&M Builders, Inc.	Patrick Mullen	11330 Sunrise Park Dr., Suite C, Rancho Cordova, CA, 95742	916-638-8626	916-352-6944	Estimating@bm-builders.com ; hvac@bm-builders.com	861848_	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-10 (Electrical Contractor), C-12 (Earthwork and Paving Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-27 (Landscaping Contractor), C-31 (Construction Zone Traffic Control Contractor), C-54 (Ceramic and Mosaic Tile Contractor)	01/25/2024	\$1,700,000
B. T. Mancini, Co., Inc.	Peggy Briggs	PO Box 361930 Milpitas CA 95036, [Enter City], CA, 00000	408-942-7900	408-945-1360	peggy.briggs@btmancini.com	229210_	C-15 (Flooring and Floor Covering Contractors), C-39 (Roofing Contractor), C-51 (Structural Steel Contractor), B (General Building Contractor), C-61 (Limited Specialty)	05/02/2024	\$28,000,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Bana Builders, Inc.	Sarah Xiong	338 North Canal Street #11, South San Francisco, CA 94080	415-508-9253	415-715-8371	bids@banabuilders.com	1052842	B (General Building Contractor)	11/14/2024	\$17,000,000
BAY CITIES FIRE PROTECTION, INC.	Leon Kresheck	51 FOLEY ST., SANTA ROSA, CA, 95401	707-579-8694	707-579-8920	bcfp@sbcglobal.net	731222_	C-16 (Fire Protection Contractor)	10/23/2024	\$770,000
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)	12/07/2024	\$12,500,000
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
Beals Martin & Associates, Inc.	Dwight Ortmann	2596 Bay Road, Redwood City, CA, 94063	650-566-5884	650-367-7645	Patricia@bealsmartin.com	396189_	A (General Engineering Contractor), B (General Building Contractor)	03/22/2024	\$20,000,000
Bear Electrical Solutions, Inc	Andrew Bader	P.O Box 924, Alviso, CA, 95002	408-449-5178	408-449-5147	andrew@bear-electrical.com	982079_	C-10 (Electrical Contractor), A (General Engineering Contractor), C-31 (Construction Zone Traffic Control Contractor), C-61 (Limited Specialty)	09/11/2024	\$1,500,000
Beci Electric, Inc.	Rebecca Anderson	8108 Capwell Drive, Oakland, CA, 94621	510-635-1477	510-635-1478	rebecca@becielectric.com	470977_	C-10 (Electrical Contractor)	01/31/2024	\$1,000,000
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)	01/04/2025	\$5,500,000
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
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
Best Electrical Co., Inc	Ruth Fallon	667 Walnut Street, San Jose, CA 95110	408-287-2040	408-287-0487	ruthg@besteleco.com	261313_	C-10 (Electrical Contractor)	04/03/2024	\$4,500,000
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
Blach Construction Company	Noelle Blanchard	2244 Blach Place, Suite 100, San Jose, CA, 95131	408-244-7100	408-244-2220	noelle.blanchard@blach.com	290418_	A (General Engineering Contractor), B (General Building Contractor)	12/11/2024	\$50,000,000
Blue Arc Electric	Paul Aggarwal	2130 Trade Zone Blvd, Suite 20	408-727-6100		paggarwal@bluearcelectric.com	830904_	C-10 (Electrical Contractor)	04/12/2024	\$500,000
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
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)	10/23/2024	\$13,000,000
Bowen Engineering and Environmental	Erik Bowen	4664 S. Cedar Ave, Fresno, CA, 93725	559-233-7464	559-233-7468	office@bowendemo.com	816496_	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), C-22 (Asbestos Abatement Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-10 (Electrical Contractor), C-39 (Roofing Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	09/11/2024	\$1,200,000
Brady Air Conditioning, Inc.	Daniela Rivera	338 No. Canal St., #5, So. San Francisco, CA, 94080	650-742-9640		ap@bradyair.com	585882_	C-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-16 (Fire Protection Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	10/24/2024	\$200,000
Brown's Construction Service, Inc.	Rob Watson	PO Box 1760, Bakersfield, CA, 93302	661-439-3820	661-615-2100	prequalifications@brownsconstruction.us	820808_	A (General Engineering Contractor), B (General Building Contractor), C-61 (Limited Specialty), HAZ (Hazardous Substance Removal Certification)	04/26/2024	\$235,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Buhler Commercial	Steve Buhler	400 Brannan Street, Suite 204, San Francisco, CA, 94107	415-610-8650		hiliary@buhlercommercial.com	1003262	A (General Engineering Contractor), B (General Building Contractor)	11/28/2024	\$3,500,000
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
C3 Concrete Surface, Inc.	Jeannine DeNardi	951 Linden Avenue, South San Francisco, CA, 94080	650-871-5195	650-875-1048	jeannine@c3surface.com	980478_	C-61 (Limited Specialty)	04/10/2024	\$150,000
Cal-Pacific Construction Inc	Kennedy Chan	1009 Terra Nova Blvd. , Pacifica, CA, 94044	650-557-1238 x109	650-557-1239	kc@pacific888.com	830908_	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor), C-36 (Plumbing Contractor)	12/04/2024	\$15,000,000
Calstate Construction, Inc.	Amelia Rodriguez	4165 Business Center Drive Fremont CA 94538, [Enter City], CA, 00000	510-657-1800	510-657-1810	amelia@calstateci.com	856043_	A (General Engineering Contractor), B (General Building Contractor)	09/11/2024	\$4,000,000
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
Collins Electrical Company Inc.	Araceli Torres	3412 Metro Drive, Stockton, CA, 95213	209-466-3691	209-466-3146	atorres@collinselectric.com	115427_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-31 (Construction Zone Traffic Control Contractor)	02/10/2024	\$41,000,000
COLOR NEW CO	LOUIS LOIZU	22855 CALIFA ST., WOODLAND HILLS, CA, 91367	818-884-0856	818-884-0217	colornewco@yahoo.com	818650_	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	12/11/2024	\$6,000,000
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
Con J Franke Electric Inc	Lori Smith	317 N. Grant Street, Stockton, CA 95202, CA, 95202	209-462-0717	209-462-2556	lori.smith@cjfranke.com	288366_	C-10 (Electrical Contractor)	10/23/2024	\$7,100,000
Coulter Construction, Inc.	Tammy Hodge	1961 Old Middlefield Way, Mountain View, CA, 94043	650-964-8229	650-964-0150	tammy@coulterconst.com	440847_	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-9 (Drywall Contractor)	03/13/2024	\$9,500,000
Couts Heating & Cooling Inc.	Michael Stewart	801 E. Parkridge Ave Corona Ca. 92881	951-278-5560	951-278-5570 x0	Lswitzer@couts.com	375584_	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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), B (General Building Contractor)	01/04/2025	\$7,700,000
Covello's Pacific AirCare Inc	Paul Covello	2890 Butterfield Rd, riverside, CA, 92503	714-469-1757	951-977-8641	paul@pachvac.com	929914_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty)	12/05/2024	\$1,700,000
Cratus, Inc.	Michael Kirwan	945 Taraval Street, #302, San Francisco, CA, 94116	415-939-2840	415-520-6037	estimating@cratusinc.com	987888_	A (General Engineering Contractor), C-34 (Pipeline Contractor)	01/31/2024	\$4,000,000
CWS Construction Group Inc	charlie slack	1301 Grant Ave, Suite B, Novato, CA 94945	415-599-6545	415-209-0228	charliejr.cws@gmail.com	811153_	A (General Engineering Contractor), B (General Building Contractor)	03/06/2024	\$15,000,000
D. A. Bender Mechanical, Inc.	Patricia Bender	10135 Iron Rock Way, Elk Grove, CA, 95624	916-685-8521	916-685-8526	pat@dabendermechanical.com	673938_	C-36 (Plumbing Contractor)	01/04/2025	\$500,000
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
DAN Electric	Vedran Michovich	2990 Teagarden Street, San Leandro, CA, 94577	510-351-7100	510-351-3200	danelectric@comcast.net	786781_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), C-15 (Flooring and Floor Covering Contractors)	01/25/2024	\$1,000,000
Dana Kitchens & Associates, Inc.	Summer Kitchens	5464 SKYLANE BLVD STE F, SANTA ROSA, CA, 95403	707-571-8326		summer@danakitchens.com	744400_	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor)	07/24/2024	\$1,500,000
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)	12/08/2024	\$8,000,000
Del Monte Electric Co Inc.	Tracy O'Brien	6998 Sierra Court, Dublin, CA, 94583	925-829-6000	925-829-6833	tobrien@delmontelectric.com	161955_	C-10 (Electrical Contractor)	11/22/2024	\$7,000,000
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
Diversified Power Corporation	Scott Berryhill	1285 Stratford Avenue STE G 316, Dixon, CA, 95620	707-678-6328	707-678-8768	scottddpc@sbcglobal.net	766894_	C-10 (Electrical Contractor)	03/13/2024	\$2,000,000



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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_	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)	10/23/2024	\$6,200,000
Du-Mor Fire Systems, Inc.	Monya Logan	17119 Placer Hills Rd, Meadow Vista, CA, 95722	530-878-9055	530-878-0206	dumorfir@usamedia.tv	722228_	C-16 (Fire Protection Contractor)	10/18/2024	\$325,000
Duran and Venables, Inc.	Manuela Batkovic	748 South Hillview Drive, Milpitas, CA, 95035	408-934-7300	408-934-7310	ela@dvpave.com	375068_	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	01/10/2024	\$19,700,000
E F Brett & Company, Inc.	Sydney Redfearn	1435 Technology Lane, Suite B1, Petaluma, CA 94954	415-524-8351 x105	415-524-8349	sydneyr@efbrett.com	924636_	A (General Engineering Contractor), B (General Building Contractor)	11/21/2024	\$35,000,000
Eco Energy Solutions, Inc. dba High Volt Electric	Karo Gyonjyan	4485 Runway St., Simi Valley, CA, 93063	818-993-3732	805-422-8117	karo@highvoltelectric.com	963370_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	11/14/2024	\$3,500,000
Edward W. Scott Electric Co., Inc.	Abhinav Agrawal	500 W. Ohio Ave, Richmond, CA, 94901	415-206-7120	510-965-9554	aagrawal@scottelectric.com	190426_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	11/22/2024	\$8,000,000
EIDIM Group Inc. dba EIDIM AV Technology	Aman Jain	1015 S. Placentia Ave., Fullerton, CA 92831	562-777-1009 x104	562-777-9120	estimate@eidim.com	824410_	B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	01/31/2024	\$300,000
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
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)	04/10/2024	\$24,000,000
Elecco	Danh Lai	45990 Paseo Padre Pkwy, Fremont, CA, 94539	510-579-5293		danh@elecco.us	1066372	B (General Building Contractor), C-10 (Electrical Contractor), A (General Engineering Contractor), C-7 (Low Voltage Systems Contractor)	04/06/2024	\$1,000,000
Elite Earthworks & Engineering	Mark Schwab	19907 Temescal Canyon Road, Corona, CA, 92881	951-496-0305	951-245-2245	Mark.s@elite-earthworks.com	963457_	A (General Engineering Contractor), C-21 (Building Moving/Demolition Contractor)	02/17/2024	\$2,000,000
Elite Foodservice Development LLC	Robert Perry	1921 Carnegie Ave. Suite #3C, Santa Ana, CA, 92705	657-210-4512 x101	657-207-5003	rob@elitesfd.com;angie@elitesfd.com;dirk@elitesfd.com	1051412	B (General Building Contractor)	01/25/2024	\$1,300,000
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
EVRA Construction, Inc.	Alexandr Yunak	2227 26TH Ave San Francisco, CA 94116	415-467-1336	415-467-1356	alex@evraconstruction.com	765231_	B (General Building Contractor)	02/27/2024	\$1,600,000
F&H Construction	Madison Horton	1115 E. Lockeford Street, Lodi, CA 95240	209-931-3738	209-931-4427	mhorton@f-hconst.com	293306_	A (General Engineering Contractor), B (General Building Contractor)	11/14/2024	\$48,000,000
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-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
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
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-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	10/18/2024	\$1,150,000
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-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), C-36 (Plumbing Contractor)	10/18/2024	\$1,200,000
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
FOS ELECTRIC INC	Steve Tsvetkov	1556 FITZGERALD DR #349, Pinole, CA, 94564	510-219-6265		steve@foselectric.net	1028928	C-10 (Electrical Contractor)	11/14/2024	\$4,000,000
Galeb Paving, Inc.	Lee Pellicciotti	12340 Saratoga-Sunnyvale Road, Saratoga, CA, 95070	408-253-4747	408-253-4753	lee@galeb paving.com	325912_	A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors)	11/28/2024	\$2,500,000
GCCI, INC.	Brandon Gentry	4701 Old Redwood Highway, Suite 1, Santa Rosa, CA 95403	707-545-2134	707-545-2156	brandon@gcciinc.com	729437_	B (General Building Contractor)	10/23/2024	\$19,000,000
General Lighting Service, Inc.	Christian Cusella	306 Mathew Street, Santa Clara CA 95050	408-298-6670	408-298-6795	connie@glis-inc.net	466869_	C-10 (Electrical Contractor)	10/23/2024	\$6,000,000
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



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Global Modular Inc	Adam DeBard	1120 Commerce Ave, 25, Atwater, CA, 95301	209-676-8029	209-676-8067	adebard@gdvi.net	837357_	B (General Building Contractor)	04/28/2024	\$17,000,000
Golden Bay Fence Plus Iron works, Inc.	Paul Chavez	4104 South B Street, Stockton, CA, 96206	209-944-9754	209-944-5812	wmoreno@goldenbayfence.com	664905_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor), C-13 (Fencing Contractor), C-23 (Ornamental Metal Contractor)	12/06/2024	\$8,900,000
Gonsalves and Stronck Construction Company Inc	Lori Eldredge	1000 Washington Street, San Carlos, CA, 94070	650-802-2960	650-802-2970	leldredge@gs-construction.com	672769_	B (General Building Contractor)	10/25/2024	\$23,100,000
Grand Electric & Construction Co., Inc.	Samuel Lee	133 Tanforan Ave., San Bruno, CA, 94066	650-588-5678	650-588-6678	sam@grandelec.com	948360_	C-10 (Electrical Contractor)	04/03/2024	\$2,150,000
Granite Rock Company	Cindy Short	P O BOX 50001, Watsonville, CA 95077	408-574-1400	408-365-9548	estimating@graniterock.com	22_	A (General Engineering Contractor), B (General Building Contractor), HAZ (Hazardous Substance Removal Certification), C-12 (Earthwork and Paving Contractors)	10/18/2024	\$7,000,000
GroundLevel Construction, Inc.	Julie Accettola	5013 Forni Dr., Unit C, Concord, CA, 94520	925-446-6084	925-446-6375	julie@groundlevelconstruction.com	991672_	A (General Engineering Contractor), B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), HAZ (Hazardous Substance Removal Certification)	04/10/2024	\$6,200,000
H.A. Bowen Electric, Inc.	Paul Leal	2055 Williams Street, San Leandro, CA, 94577	510-483-0500	510-483-7210	paul@bowenelectric.com	384915_	C-10 (Electrical Contractor)	12/05/2024	\$3,500,000
Harry L Murphy Inc	Raymond Aranas	42 Bonaventura Drive	408-955-1100 x231		raymond@harrylmurphy.com, angie@harrylmurphy.com	145985_	C-15 (Flooring and Floor Covering Contractors)	04/28/2024	\$2,000,000
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
Hoem & Associates, Inc.	Will Martin	951 Linden Ave, South San Francisco, CA, 94080	650-871-5194	650-875-1048	will@hoemassociates.com	381718_	C-15 (Flooring and Floor Covering Contractors)	04/28/2024	\$3,900,000
Horizons Construction Company International Inc.	Yazmin Barrera	432 W Meats Avenue, Orange, CA, 92865	714-626-0000	714-626-0006	bidding@horizonscci.com	825022_	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-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
I & A Contractor Inc.	Alan Ibarra	3158 Spring St., Redwood City, CA, 94063	650-315-1927		alan@iacontractorinc.com	989071_	B (General Building Contractor), C-39 (Roofing Contractor)	04/28/2024	\$1,500,000
ICC General Contractors, Inc.	ICC General Inc.	400 Reed Street Suite 140, Santa Clara, CA 95050	408-733-6656	408-733-6657	icc@att.net	765256_	B (General Building Contractor)	01/25/2024	\$2,200,000
ICOM Mechanical, Inc	Cindy Tatsumi	477 Burke Street, San Jose, CA, 95112	408-792-2240	408-292-4968	ctatsumi@icominc.com	408622_	C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor), B (General Building Contractor)	09/11/2024	\$1,500,000
Industrial Electronic Systems Inc	Lutfi Abed	3250 Monier Circle #F, Rancho Cordova, CA, 95742	916-638-1000	916-638-1105	labed@iesi.net	497350_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor)	12/14/2024	\$260,000
InterMountain Electric Company	David Signorello	947 Washington St San Carlos CA 94070, [Enter City], CA, 00000	650-591-7118	650-591-7123	David@im-electric.com	820909_	C-10 (Electrical Contractor)	01/10/2024	\$5,000,000
Interstate Grading & Paving, Inc.	Craig Caron; President	128 South Maple Avenue , South San Francisco, CA, 94080	650-952-7333	650-952-6851	tina@igpinc.com	366020_	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	10/25/2024	\$7,000,000
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
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
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-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	11/14/2024	\$1,500,000



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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
JR Wagner Fire Protection, Inc.	Karen Finney	P.O. Box 5037, Modesto, CA, 95350	209-993-7681	877-232-8944	karen@jrwagnerfire.com	968003_	C-16 (Fire Protection Contractor)	03/13/2024	\$600,000
JTE Electrical inc	Jim tidwell	1101 National Dr Ste D, Sacramento, CA, 95834	916-306-7534	916-200-3460	jimt@jte-electrical.com	1062500	C-10 (Electrical Contractor)	11/22/2024	\$900,000
JUV INC	VLADIMIR CHERNYAVSKIY	7901 OAKPORT STREET , SUITE 2700, OAKLAND, CA, 94621	510-836-1300 x105	510-777-9203	irina@juvinc.com	924181_	B (General Building Contractor)	11/14/2024	\$7,400,000
KAMRAN AND COMPANY, LLC	Anja Nachtigall	415 N Salspuedes St Santa Barbara, CA 93103	800-480-9418 x4028	805-962-5915	anja@kamranco.com	1096846	C-43 (Sheet Metal Contractor), C-38 (Refrigeration Contractor), B (General Building Contractor), C-61 (Limited Specialty)	01/04/2025	\$24,000,000
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-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
KYA Services, LLC	Jessica Gomez	1800 E McFadden Ave, Santa Ana, CA, 92705	714-659-6477	714-586-5526	jessica.gomez@theyagroup.com	984827_	A (General Engineering Contractor), B (General Building Contractor), C-15 (Flooring and Floor Covering Contractors), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-61 (Limited Specialty), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor)	01/04/2025	\$17,500,000
Landmark Constructors, Inc.	Kirsten Gerbi	4312 Anthony Court, Suite B, Rocklin, CA, 95677	916-663-1953	916-663-1867	kgerbi@landmarkconst.net	1040270	B (General Building Contractor)	04/25/2024	\$26,000,000
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)	12/06/2024	\$69,000,000
LEWIS AND TIBBITTS, INC	RHONDA FULTZ	1470 Industrial Av, Sunnyvale, CA, 95112	408-925-0220	408-925-0240	rfultz@diglt.com	281666_	A (General Engineering Contractor), C-10 (Electrical Contractor), C-36 (Plumbing Contractor), C-42 (Sanitation System Contractor)	07/24/2024	\$15,000,000
Linoleum Sales Co. Inc., DBA Anderson Commercial Flooring	Joe McKeown	1000 W Grand Ave, Oakland, CA, 94607	510-889-8644	510-652-5344	joe.mckeown@andersoncf.com	242102_	C-15 (Flooring and Floor Covering Contractors)	05/02/2024	\$17,000,000
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_	B (General Building Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-4 (Boiler, Hot Water Heating and Steam Fitting Contractor)	03/21/2024	\$3,700,000
Lusardi Construction Company	Marcella Garofalo	1570 Linda Vista Drive, San Marcos, CA, 92078	760-744-3133	760-744-9064	mgarofalo@lusardi.com	207287_	A (General Engineering Contractor), B (General Building Contractor)	09/11/2024	\$40,000,000
M3 MEP, LLC	Anisa Gutierrez-Castro	5101 Florin Perkins Rd, Sacramento, CA, 95826	916-381-8080	916-386-0363	estimating@mark-three.com	1098716	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), C-7 (Low Voltage Systems Contractor)	11/20/2024	\$8,500,000
Mar Con Builders, Inc. dba Mar Con Co.	Marco Manriquez	8108A Capwell Drive, Oakland, CA, 94621	510-639-1914	510-639-1915	marco@marconcompany.com	829636_	B (General Building Contractor), C-9 (Drywall Contractor), C-6 (Cabinet, Millwork and Finish Carpentry Contractor), C-15 (Flooring and Floor Covering Contractors)	01/05/2025	\$4,100,000
Marina Landscape, Inc.	Hue Ta	3707 W Garden Grove Blvd, Orange, CA, 92868	714-939-6600 x485	714-935-1199	estimator@marinaco.com	492862_	A (General Engineering Contractor), B (General Building Contractor), C-27 (Landscaping Contractor), C-36 (Plumbing Contractor), C-61 (Limited Specialty), C-29 (Masonry Contractor)	10/18/2024	\$1,000,000
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
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)	01/07/2025	\$18,500,000
MCGRATH ELECTRIC, INC.	Jessica Marmolejo	2800 INDUSTRIAL, FAIRFIELD, CA, 94533	707-422-4131 x424	707-422-4151	jessicam@mcgrathelectricinc.com	853934_	C-10 (Electrical Contractor)	11/22/2024	\$4,500,000

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Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
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
McMillan Electric	Steve Varley	1480 Folsom Street, San Francisco, CA, 94103	415-826-5100	415-826-0142	svarley@mcmillanco.com	268179__	C-10 (Electrical Contractor)	12/05/2024	\$15,500,000
Michael Venosta Plumbing and Mechanical Inc.	Kelly Venosta	8505 Church Street Unit 13, Gilroy, CA, 95020	408-842-4004	408-842-4005	kelly@michaelvenostaplumbing.com	969247__	C-43 (Sheet Metal Contractor), C-36 (Plumbing Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	12/13/2024	\$500,000
Midstate Construction Corporation	Mickale McChristian	1180 Holm Rd, Petaluma, CA, 94954	707-762-3200	707-762-0700	mickalem@midstateconstruction.com	089455__	B (General Building Contractor)	11/14/2024	\$55,000,000
Mike Brown Electric Co.	Gary Ryan	561-A Mercantile Drive, Cotati, CA, 94931	707-792-8100	707-792-8110	garyr@mbelectric.com	306767__	C-10 (Electrical Contractor), A (General Engineering Contractor)	04/06/2024	\$4,000,000
MK Pipelines Inc	Laura Kilbane	3708 bayshore blvd, brisbane, CA, 94005	415-825-5000 x103	415-825-5001	laurakilbane@mkpipelines.com	856827__	A (General Engineering Contractor), B (General Building Contractor)	10/23/2024	\$2,000,000
MMJ Construction, Inc.	Judy Bailey-Savage	39100 Air Park drive, Temcula, CA, 92592	951-216-8862	951-457-6484	info@mmjconstruction.com	988999__	B (General Building Contractor), C-10 (Electrical Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor), C-36 (Plumbing Contractor)	10/30/2024	\$900,000
Monarch Mechanical dba OWR 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
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
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
Niles Electric Company	Jacob Brahmst	37316 Niles Blvd Unit 5, Fremont, CA, 94536	510-797-2500	510-797-6815	jacobbrahmst@nileselec.com	168342__	C-10 (Electrical Contractor)	11/28/2024	\$2,000,000
NV Construction LLC	Henry Vila	590 South 33rd Street, Richmond, CA, 94804	510-715-0870	510-236-4979	henry@nvc.llc	1065384	B (General Building Contractor)	01/25/2024	\$450,000
O.C. Jones & Sons, Inc.	Heidi Faria	1520 Fourth St. Berkeley CA 94710, [Enter City], CA, 00000	510-809-3446	510-526-0990	hfaria@ocjones.com	759729__	A (General Engineering Contractor), HAZ (Hazardous Substance Removal Certification)	03/06/2024	\$25,000,000
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-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
Oakview Constructors, Inc.	Tamara Bernardo	PO Box 625/959 Calimesa Boulevard, Calimesa, CA, 92320	909-795-0990	909-795-3150	tammy@oakviewci.com	462847__	B (General Building Contractor), C-8 (Concrete Contractor)	02/15/2024	\$3,650,000
Overhaul Construction Inc	Francisco Alvarez	1030 MERCED ST, NEWMAN, CA, 95360	209-968-1947		overhaul_construction@yahoo.com	933725__	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor)	01/31/2024	\$250,000
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
Pacific Contractors Group Inc	Setmir Qose	19025 Parthenia St, Unit #122, Northridge, CA 91324	818-993-5899 x0	818-993-5895 x0	pacificcontractorsinc@gmail.com	927973__	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-35 (Lathing and Plastering Contractor)	01/04/2025	\$5,500,000
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
PacificWest Energy Solutions, Inc.	Haeil Kim	9250 Reseda Blvd #500, Northridge, CA 91324	562-250-4511	800-310-9596	contracts@pacificwestinc.com	888597__	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)	01/09/2025	\$10,500,000
Paragon Mechanical, Inc.	Michael Orth	16160 Caputo Drive, Morgan Hill, CA, 95037	408-727-7303	408-566-6190	morth@paragonmechanical.com	490427__	C-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
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
Perfection Stainless Fabrication, Inc.	Chris Carmignani	901 Sumner Street, Bakersfield, CA, 93305	661-324-5466	661-324-7714	sales@perfectionsf.com	462114__	C-43 (Sheet Metal Contractor), C-61 (Limited Specialty)	01/04/2025	\$1,000,000
PFEIFFER ELECTRIC CO., INC.	VANESA CALDERON	448 QUEENS LANE, [Enter City], CA, 00000	408-436-8523	408-436-0209	vanesa@pfeifferelectric.com	197773__	C-10 (Electrical Contractor)	04/04/2024	\$3,000,000



C-43 Sheet Metal \$67K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Plumbing Systems West, Inc. dba Mechanical Insulation Systems	Christy Hart	31491 Outer Highway 10, Redlands, CA, 92373	909-794-3959	909-794-3959	christy@mechinsulation.net	992207_	C-2 (Insulation and Acoustical Contractor), C-36 (Plumbing Contractor), B (General Building Contractor)	04/28/2024	\$450,000
PMN DESIGN ELECTRIC INC dba DESIGN ELECTRIC	Agusia Moore	39 Wyoming Street, Pleasanton, CA, 94566	925-846-0650		amoore@designelco.com	348215_	C-10 (Electrical Contractor)	09/11/2024	\$9,500,000
Polychrome Construction Inc	Marios Polychronas	8908 Balboa Blvd, Northridge, CA, 91325	818-831-8308	818-775-9944	info@polychromepainting.com	993826_	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	07/13/2024	\$1,500,000
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-61 (Limited Specialty), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	10/18/2024	\$5,600,000
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	A (General Engineering Contractor), C-16 (Fire Protection Contractor), C-34 (Pipeline Contractor), C-42 (Sanitation System Contractor), HAZ (Hazardous Substance Removal Certification)	01/25/2024	\$46,000,000
Pro-Ex Construction, Inc	Pavel Chernyy	3223 Luyung Dr, Rancho Cordova, CA, 95742	916-970-0097	916-222-1478	bids@proexconstruction.com	959719_	B (General Building Contractor), C-33 (Painting and Decorating Contractor), C-39 (Roofing Contractor)	10/18/2024	\$750,000
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
R.E. Schultz Construction Inc.	Nicole Roth	1767 N. Batavia St., Orange, CA, 92865	714-649-2627	714-740-5049	nicole@reschultzconstruction.com	1007195	A (General Engineering Contractor), B (General Building Contractor), C-61 (Limited Specialty)	10/18/2024	\$550,000
Radonich Corp DBA Cal Coast Telecom	Marie Pernick	886 Faustlich 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
RC Benson & Sons Inc General Contractors	Richard Benson	1959 Leghorn St, Suite A, Mountain View CA 94043, CA, 94043	650-965-3430	650-965-7139	rich@rcbensonsons.com	266650_	B (General Building Contractor)	01/04/2025	\$1,500,000
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_	A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	03/30/2024	\$1,500,000
Resource Environmental, Inc.	Chase Tinsley	13100 Alondra Bl Suite 108, Cerritos CA 90703	562-468-7000	562-468-0600	bids@resource-env.com	864417_	A (General Engineering Contractor), B (General Building Contractor), C-21 (Building Moving/Demolition Contractor), HAZ (Hazardous Substance Removal Certification), ASB (Asbestos Certification), C-22 (Asbestos Abatement Contractor), C-61 (Limited Specialty)	11/14/2024	\$11,500,000
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
RK & Associates Inc DBA Escon Builders	Maricel Panga	29516 Union City Blvd, Union City, CA, 94587	510-475-1486	510-475-1487	maricel@esconbuilders.com	846755_	B (General Building Contractor), C-6 (Cabinet, Millwork and Finish Carpentry Contractor)	10/24/2024	\$205,000
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
Roebbelen Contracting, Inc.	Robert J. Kjome	1241 Hawks Flight Court, El Dorado Hills, CA, 95762	916-939-4000	916-939-4027	estimating@roebbelen.com	734124_	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-13 (Fencing Contractor)	01/25/2024	\$25,000,000
Roofing Constructors Inc dba Western Roofing Service	Esther Morales	15002 Wicks Boulevard, San Leandro, CA, 94577	510-686-4951	510-357-1160	emorales2@westroof.com	180533_	B (General Building Contractor), C-33 (Painting and Decorating Contractor), ASB (Asbestos Certification), C-39 (Roofing Contractor)	12/12/2024	\$2,600,000
Ross McDonald Co., Inc.	Cindy Anderson	1154 STEALTH ST, LIVERMORE, CA, 94551	925-455-1635	925-373-1227	canderson@rossmcdonald.com	314333_	B (General Building Contractor), C-61 (Limited Specialty)	03/21/2024	\$200,000
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
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)	09/11/2024	\$5,000,000
S. J. Amoroso Construction Co., LLC	Marketing Department	390 Bridge Parkway, Redwood Shores, CA, 94065	714-433-2326	650-654-9002	marketing@sjamoroso.com	331024_	A (General Engineering Contractor), B (General Building Contractor)	12/04/2024	\$75,000,000
S+B James Construction California, Inc.	Silas Nigam	1450 Halyard Drive, Suite 11A, West Sacramento, CA, 95691	916-290-8618	916-307-6201	silasnigam@sbjames.com	1048064	B (General Building Contractor)	10/18/2024	\$32,000,000
Sausal Corporation	Teena Singley	3550 Willow Pass Road Concord, CA 94519	925-568-2200	925-568-2525	tsingley@sausal.net	281425_	B (General Building Contractor)	10/25/2024	\$16,000,000



C-43 Sheet Metal \$67K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
SC Builders, Inc.	Chris Smither	910 Thompson Place, Sunnyvale, CA, 94085	408-328-0688		csmither@scbuildersinc.com	767196_	B (General Building Contractor)	12/11/2024	\$87,500,000
Selway Construction	Peter Hawkins	728 Charcot Ave. San Jose, CA 95131	408-382-9841		peter@selwayconstruction.com	1056018	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	11/14/2024	\$735,000
Sierra Building Systems, Inc A Low Voltage Integrator	Sierra Ahlers	6131 Pacific Street, Rocklin, CA, 95678	530-637-5550	530-637-5551	sierraa@sierrabuildingsystems.net	783225_	C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor), C-16 (Fire Protection Contractor)	01/31/2024	\$600,000
Sign Factory, Printing & Office Equipment, Inc. dba Sign Factory	Mario Rodriguez	120 N 4th street, SIGN FACTORY, El Centro, CA, 92243	760-455-7589		mrgerardo@signfactory.org	985388_	C-45 (Electrical Sign Contractor), C-10 (Electrical Contractor), C-61 (Limited Specialty)	11/14/2024	\$100,000
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)	11/21/2024	\$28,000,000
SJD&B, Inc.	Simon Jeon	20451 Valley Blvd., Walnut, CA, 91789	909-481-0001		info@sjdandb.com	1001950	B (General Building Contractor), A (General Engineering Contractor), C-12 (Earthwork and Paving Contractors), C-39 (Roofing Contractor)	11/20/2024	\$1,500,000
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)	10/18/2024	\$8,000,000
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
So Cal Shaker Plates & Construction Site Services LLC	Maverick Cissell	600 CENTRAL AVE SUITE 105, Lake Elsonire, CA, 92530	951-588-5585		sales@nationalswppp.com	1099259	B (General Building Contractor)	01/31/2024	\$1,100,000
Southern Bleacher Company, Inc.	Alison Seaberry	PO Box 1 Graham TX 76450	940-549-0733	940-549-1365	seaberry@southernbleacher.com	564497_	A (General Engineering Contractor)	10/23/2024	\$10,000,000
Sposeto Engineering Inc	John Sposeto	4558 Contractors Place, Livermore, CA, 94551	925-443-4200	925-443-5800	johns@sposetoengineering.com	310292_	A (General Engineering Contractor), C-8 (Concrete Contractor)	11/14/2024	\$300,000
SSB Contracting, Inc	Alicia Byers	1161 Terven Ave, Salinas, CA, 93901	831-424-1647		abyers@ssbconstruction.com	191651_	B (General Building Contractor), C-51 (Structural Steel Contractor), C-39 (Roofing Contractor), C-33 (Painting and Decorating Contractor)	12/14/2024	\$10,600,000
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
Sterling Environmental Corporation	Natalie OBrien	10203 E Street, Oakland, CA, 94603	510-638-2800 x201	510-638-2804	nobrien@sterlingenv.com	537909_	A (General Engineering Contractor), C-2 (Insulation and Acoustical Contractor), C-22 (Asbestos Abatement Contractor), ASB (Asbestos Certification)	03/20/2024	\$2,600,000
Strawn Construction, Inc.	Yvonne Gilgo	1140 Pedro Street, Suite 1, San Jose, CA, 95126	408-286-1299	408-286-1288	estimating@scmdinc.com	927286_	B (General Building Contractor)	11/09/2024	\$16,500,000
SUMMIT STEEL WORKS, CORP.	Ben Shelton	850 Faulstich Court, San Jose, CA, 95112	408-510-5893	408-510-5899	bshelton@summitsteelworks.com	816734_	C-51 (Structural Steel Contractor)	11/14/2024	\$13,000,000

C-43 Sheet Metal \$67K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

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_____	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
Taft Electric Company	Travis Roy	1694 Eastman Avenue, Ventura, CA, 93003	805-642-0121	805-650-9015	troy@taftelectric.com	772245_	C-10 (Electrical Contractor), A (General Engineering Contractor), B (General Building Contractor), C-7 (Low Voltage Systems Contractor)	04/06/2024	\$5,500,000
Tarlton and Son, Inc	Katie Machado	3562 S. Elm Ave, Fresno, CA, 93706	559-486-0584 x113	559-486-0511	dholland@tarltonandson.com	342341_	B (General Building Contractor), C-2 (Insulation and Acoustical Contractor), C-9 (Drywall Contractor), C-35 (Lathing and Plastering Contractor), C-33 (Painting and Decorating Contractor), C-61 (Limited Specialty)	12/12/2024	\$18,500,000
Tennyson Electric, LLC.	Michelle Coatney	7275 National Drive Suite A-2, Livermore, CA, 94550	925-390-0104	925-606-7656	estimating@tennysonelec.com	717998_	A (General Engineering Contractor), C-7 (Low Voltage Systems Contractor), C-10 (Electrical Contractor)	11/14/2024	\$15,500,000
Thompson Builders Corporation	Laura Ellington	5400 Hanna Ranch Road, Novato, CA, 94945	415-456-8972 x4459	415-459-0665	laurae@tbcorp.com	626859_	A (General Engineering Contractor), B (General Building Contractor), C-17 (Glazing Contractor)	04/06/2024	\$20,000,000
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-43 (Sheet Metal Contractor), C-20 (Warm-Air Heating, Ventilating and Air-Conditioning Contractor)	11/14/2024	\$4,200,000
Tri Valley Excavating Co Inc	Molly Galedrige	po box 287, sunol, CA, 94586	925-862-0708	925-862-0905	msg@trivalleyx.com	541927_	A (General Engineering Contractor), B (General Building Contractor), C-12 (Earthwork and Paving Contractors), HAZ (Hazardous Substance Removal Certification)	11/01/2024	\$1,600,000
Tse Construction	Jerry Tse	699 Lewelling Blvd #146/338, San Leandro, CA, 94579	510-812-3466	510-323-2528	jerry@tsegc.com	925736_	B (General Building Contractor), C-10 (Electrical Contractor), C-33 (Painting and Decorating Contractor), C-36 (Plumbing Contractor)	05/25/2024	\$2,000,000
Turner Construction	Victor Nunez	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
Ultimate Pool Remodeling Inc dba Ultimate Construction	Daniel McCullah	231 E. Alessandro Blvd A PMB 3	951-686-1330	951-686-1377	daniel@ultimatepoolremodeling.com	924161_	C-53 (Swimming Pool Contractor), B (General Building Contractor)	11/14/2024	\$400,000
Unlimited Telecom Inc	Carlos De Andas	2481 E Orangethorpe Ave. Fullerton CA 92831	714-886-6045		cdeandas@unlimitedtelecom.net	1006851	C-7 (Low Voltage Systems Contractor)	01/04/2025	\$100,000
Vanden Bos Electric, Inc.	Patrick Burke	502 Giuseppe Court #5, Roseville, CA 95678	916-773-1500	916-773-1973	Pat@vdbelectric.com	627898_	C-10 (Electrical Contractor), C-7 (Low Voltage Systems Contractor), B (General Building Contractor)	12/04/2024	\$6,500,000
VLA Construction Inc	Veronique Loizu	22815 Ventura Blvd. #157, Woodland Hills, CA, 91364	818-225-1800	818-225-8112	vlainc@hotmail.com	1040399	B (General Building Contractor), C-33 (Painting and Decorating Contractor)	10/24/2024	\$3,500,000
W. Bradley Electric, LLC.	Joe Murphy	90 Hill Road, Novato, CA, 94945	415-898-1400	415-898-5991	jmurphy@wbeinc.com	390741_	A (General Engineering Contractor), B (General Building Contractor), C-10 (Electrical Contractor)	12/04/2024	\$27,000,000
W. E. Lyons Construction Co.	Rebecca Boyd	1301 Ygnacio Valley Rd., Walnut Creek, CA, 94598	925-949-4655	925-658-1604	rboyd@welyons.com	180607_	A (General Engineering Contractor), B (General Building Contractor)	11/20/2024	\$10,500,000
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
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



C-43 Sheet Metal \$67K Prequal Application Report as of 01/09/2024
Meadow Heights New Multi-Purpose Room
Project 20-185

Company	Contractor	Address	Phone	Fax	Email	License Number	License Classifications	Expires	Approval Limit
Wickman Development and Construction	Jonathan Wickman	550 West Grand Avenue, Oakland, CA 94612	415-239-4500	415-239-4511	wdcoffice2@wickmandev.com	970768_	A (General Engineering Contractor), B (General Building Contractor)	01/04/2025	\$31,000,000
Wilhite Electric Inc	Troy Wilhite	337 Preston Ct, Livermore, CA, 94551	925-443-7400		troy@wilhiteinc.com	820528_	C-10 (Electrical Contractor), B (General Building Contractor)	10/18/2024	\$2,100,000
Wyatt W. Underwood & Associates, LLC	Wyatt Underwood	19360 Rinaldi St Ste 150, Porter Ranch, CA, 91326	213-279-2455		wyatt@wwuteam.com	1034836	A (General Engineering Contractor), B (General Building Contractor), C-8 (Concrete Contractor), C-61 (Limited Specialty), C-61 (Limited Specialty)	10/18/2024	\$150,000



ATLAS

Meadow Heights
Elementary School
San Mateo-Foster City School District

GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS STUDY

MEADOW HEIGHTS ELEMENTARY SCHOOL – NEW MULTI-PURPOSE BUILDING

91-59153-PW

San Mateo, CA

PREPARED FOR:

Mark Sherrill, Construction Project Manager
San Mateo-Foster City School District
1170 Chess Drive
Foster City, CA 94404

PREPARED BY:

Atlas Technical Consultants LLC
2001 Crow Canyon Road, Suite 210
San Ramon, CA 94583

July 30, 2021



July 30, 2021

Mr. Mark Sherrill, Construction Project Manager
San Mateo-Foster City School District
1170 Chess Drive
Foster City, California 94404

Subject: **Geotechnical Engineering and Geologic Hazards Study**
Meadow Heights Elementary School – New Multi-Purpose Building
2619 Dolores Street, San Mateo, California 94403
Atlas Project No. 91-59153-PW

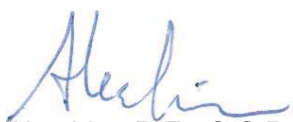
Dear Mr. Sherrill:

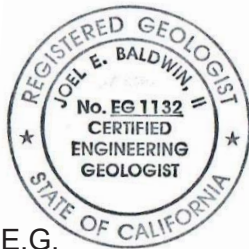
Atlas Technical Consultants LLC (Atlas) has completed a Geotechnical Engineering and Geologic Hazards Study for the proposed new Multi-Purpose Building (MPB) project to be located at Meadow Heights Elementary School in San Mateo, California. This report has been prepared in accordance with the requirements for geohazard studies set forth in California Geological Survey Note 48. Transmitted herewith are the results of our findings, conclusions, and recommendations for foundations, interior and exterior concrete slabs, site preparation, grading, drainage, utility trench backfilling, and pavements. In general, the proposed improvements at the site are considered to be feasible from a geotechnical and geologic standpoint provided the recommendations of this report are implemented in the design and construction of the project.


Should you or members of the design team have questions or need additional information, please contact Mr. Lim or Mr. Dare by e-mail at alex.lim@oneatlas.com or at corey.dare@oneatlas.com. We greatly appreciate the opportunity to be of continuing service to the District and to be involved in the design of this project.


Sincerely,

ATLAS TECHNICAL CONSULTANTS LLC


Alex Lim, P.E., Q.S.P.
Project Engineer




Joel E. Baldwin II, P.G., C.E.G.
Principal Engineering Geologist (Renewal date 02/28/2023)


Corey T. Dare, P.E., G.E.
Principal Geotechnical Engineer



Distribution: PDF to addressee; msherrill@smfc.k12.ca.us

AL/JEB/CTD:pmf

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FIELD EXPLORATION

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APPENDIX B

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- Atterberg Limits Results
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GEOTECHNICAL ENGINEERING AND GEOLOGIC HAZARDS STUDY

Project: Meadow Heights Elementary School – New Multi-Purpose Building
San Mateo, California

Client: San Mateo-Foster City School District
Foster City, California

1.0 INTRODUCTION

1.1 Purpose and Scope

The purposes of this study were to prepare a geologic hazards (geohazard) study as required by the California Division of State Architect (DSA) for the project, and to evaluate the subsurface conditions at the site and prepare geotechnical recommendations for design of the proposed improvements. This study provides recommendations for foundations, interior and exterior concrete slabs, site preparation, grading, drainage, utility trench backfilling, and pavements. This study was performed in accordance with the scope of work outlined in our proposal dated April 23, 2021.

The scope of this study included the review of pertinent published and unpublished documents related to the site, performing a geohazard site evaluation, drilling of three subsurface borings, laboratory testing of selected samples retrieved from the borings, engineering analysis of the accumulated data, and preparation of this report. The conclusions and recommendations presented in this report are based on the data acquired and analyzed during this study, and on prudent engineering judgment and experience. This study did not include an assessment of potentially toxic or hazardous materials that may be present on or beneath the site.

1.2 Site Description

Meadow Heights Elementary School is located at the general address of 2619 Dolores Street in San Mateo, California, at the location shown on Plate 1, *Vicinity Map*. The proposed project area is in the eastern portion of the campus, near the Parkside Way entrance. The project site is bounded by a grass field to the north, residential homes to the east, Parkside Way on the south, and an existing classroom building to the west. The project area is currently the site of an asphalt-paved play area.

The site gradually slopes down toward the northeast, with site elevations ranging from about +87 to +82, based on the Google Earth Pro software application.

1.3 Proposed Development

Based on our understanding, the project will consist of construction of a new single-story, approximately 7,000 square-foot Multi-Purpose Building (MPB) on the eastern portion of the campus, within the approximate limits shown on Plate 2, *Site Plan*. Early conceptual plans show the building will also have an overhanging shade structure on the north side of the MPB. The project area is currently occupied by an existing asphalt-paved play area, and construction of the new building will require the removal of the existing pavement and relocation of the existing play structures. Other improvement plans include a new fire lane, and landscape area development.

Preliminary grading plans were not available at the time this report was prepared, but we anticipate up to three feet of fill could be required to construct the new building pad.

1.4 Validity of Report

This report is valid for three years after publication. If construction begins after this time period, Atlas should be contacted to confirm that the site conditions have not changed significantly. If the proposed development differs considerably from that described above, Atlas should be notified to determine if additional recommendations are required. Additionally, if Atlas is not involved during the geotechnical aspects of construction, this report may become wholly or in part invalid; Atlas's geotechnical personnel should be retained to verify that the subsurface conditions anticipated when preparing this report are similar to the subsurface conditions revealed during construction. Atlas' involvement should include grading and foundation plan review, grading observation and testing, foundation excavation observation, testing of subgrade and baserock preparation in new flatwork and pavement areas, asphalt concrete pavement placement, and utility trench backfill testing.

2.0 PROCEDURES AND RESULTS

2.1 Literature Review

Pertinent geologic and geotechnical literature pertaining to the site area, and previous geotechnical studies performed by others for projects in the site vicinity were reviewed. These included United States Geological Survey (USGS), California Geological Survey (CGS), and other online resources, and other applicable government and private publications and maps, as included in the References section.

2.2 Field Exploration

In order to characterize the subsurface conditions beneath the proposed improvement area, a field exploration program was conducted at the site on June 17, 2021 under the supervision of a California-certified geotechnical engineer. The exploration points were sited to satisfy CGS Note 48 requirements and to facilitate development of soil cross section profiles across the area of the subject project.

Three test borings, designated B-1 through B-3, were drilled using a truck-mounted B-53 drill rig equipped with eight-inch hollow stem augers. Following the completion of drilling, the boreholes were backfilled using a cement grout in accordance with San Mateo County Environmental Health drilling permit requirements.

Our field engineer visually classified the materials encountered in the borings according to the Unified Soil Classification System as the borings were advanced. Relatively undisturbed soil samples were recovered at selected intervals using a three-inch outside diameter Modified California split spoon sampler containing six-inch long brass liners, and a two-inch outside diameter Standard Penetration Test (SPT) sampler. The samplers were driven by means of a 140-pound wireline hammer with an approximate 30-inch fall using a manually operated lever-drop mechanism. Resistance to penetration was recorded as the number of hammer blows required to drive the sampler the final foot of an 18-inch drive. All of the field blow counts recorded using Modified California (MC) split spoon sampler were converted in the final logs to equivalent SPT blow counts using appropriate modification factors suggested by Burmister (1948), i.e., a factor of 0.65 with inner diameter of 2.5 inches. Therefore, all blow counts shown on the final boring logs are either directly measured (SPT sampler) or equivalent SPT (MC sampler) blow counts.

The boring logs with descriptions of the various materials encountered in each boring, a key to the boring symbols, and select laboratory test results are included in Appendix A. Ground surface elevations indicated on the soil boring logs were estimated to the nearest foot using Google Earth 3D.

2.3 Laboratory Testing

Laboratory tests were performed on select samples to determine some of the physical and engineering properties of the subsurface soils. The results of the laboratory testing are either presented on the boring logs, and/or are included in Appendix B. The following soil tests were performed for this study:

Dry Density and Moisture Content (ASTM D2216 and ASTM 2937) – In-situ dry density and/or moisture tests were conducted on select samples to measure the in-place dry density and moisture content of the subsurface materials. These properties provide information for evaluating the physical characteristics of the subsurface soils. Test results are shown on the boring logs.

Atterberg Limits (ASTM D4318 and CT204) – Atterberg Limits tests were performed on samples of cohesive soils encountered at the site. Liquid Limit, Plastic Limit, and Plasticity Index are useful in the classification and characterization of the engineering properties of soil, and help to evaluate the expansive characteristics of the soil and determine the USCS soil classification. Test results are presented in Appendix B, and on the boring logs.

Particle Size Analysis (Wet and Dry Sieve) (ASTM D6913, D1140, and CT202) – Sieve analysis testing was conducted on select samples to measure the soil particle size distribution and the total percentage of fines (i.e., percent passing the USCS No. 200 sieve). This information is useful for characterizing the soil type according to USCS, and to assist in the evaluation of liquefaction susceptibility of granular soils or soils of relatively low cohesion. Test results are presented in Appendix B.

Unconsolidated-Undrained Triaxial Compression Test (ASTM D2850m) – An Unconsolidated-Undrained triaxial strength test was conducted on one sample of cohesive soil material to measure the undrained shear strength of the tested material which is useful in evaluating the foundation support characteristics of the soil. The sample was loaded under increasing axial load until near failure, with maximum strength defined as either the peak deviator stress or the deviator stress measured at 15 percent strain, whichever occurs first. In this case, the deviator stress at 15 percent strain was divided by two to obtain the undrained shear strength. The test results are presented in Appendix B.

R-Value Test (ASTM D2844 and CT301) – One R-value test was conducted on a bulk sample of near-surface material collected from cuttings generated from Boring B-3 to provide data on prospective pavement subgrade materials for use in new pavement section design. Test results are presented in Section 6.8 and in Appendix B.

Soil Corrosivity, Redox (ASTM D1498), pH (ASTM D4972), Resistivity (ASTM G57), Chloride (ASTM D4327), and Sulfate (ASTM D4327) - Soil corrosivity testing was performed to determine the effects of constituents in the soil on buried steel and concrete. Water-soluble sulfate testing is required by the CBC and IBC, as well as by CGS Note 48 requirements (Item 30) for the geohazard evaluation of corrosion potential. Test results are presented in Appendix B and discussed in Section 4.3.

3.0 GEOLOGIC AND SEISMIC OVERVIEW

3.1 Geologic Setting

The site is located in the central portion of the Coast Ranges geomorphic province of California. The Coast Ranges extend from the Transverse Ranges in southern California to the Oregon border and are comprised of a northwest-trending series of mountain ranges and intervening valleys that reflect the overall structural grain of the province. The ranges consist of a variably thick veneer of Cenozoic volcanic and sedimentary deposits overlying Mesozoic sedimentary, metamorphic, and basic igneous Franciscan Assemblage and marine sedimentary rocks of the Great Valley Sequence. The sedimentary rocks of the Coast Ranges are flanked on the east by sedimentary rocks of the Great Valley geomorphic province (Page, 1966).

Locally, the site is located near the western perimeter of San Francisco Bay, near the northern terminus of the Santa Cruz mountain range. Mapping by Brabb et al. (1998), as shown on Plate 3, *Regional Geologic Map*, indicates the site to be underlain by Pleistocene-epoch alluvial fan and fluvial deposits derived from Franciscan Complex mélange bedrock on Pulgas Ridge to the southwest. Larger scale mapping by Pampeyan (1994) indicates the project site is underlain by Holocene-age slope wash, ravine fill, and colluvium consisting of unconsolidated to moderately consolidated sediments of various proportions and combination accumulated by slow downslope movement of weathered rock debris and soil, mantling sheared rock of the Franciscan Complex.

3.2 Geologic Evolution of the Northern Coast Ranges

The subject site is located within the tectonically active and geologically complex northern Coast Ranges, which have been shaped by continuous deformation resulting from tectonic plate convergence (subduction) beginning in the Jurassic period (about 145 million years ago). Eastward thrusting of the oceanic plate beneath the continental plate resulted in the accretion of materials onto the continental plate. These accreted materials now largely comprise the Coast Ranges. The dominant tectonic structures formed during this time include generally east-dipping thrust and reverse faults.

Beginning in the Cenozoic time period (about 25 to 30 million years ago), the tectonics along the California coast changed to a transpressional regime and right-lateral strike-slip displacements as well as thrusting were superimposed on the earlier structures resulting in the formation of northwest-trending, near-vertical faults comprising the San Andreas Fault System. The northern Coast Ranges were segmented into a series of tectonic blocks separated by major faults including the San Andreas, Hayward,

and Calaveras. The project site is situated between the active Hayward and San Andreas Faults, but no known active faults with Holocene movement (i.e., last 11,000 years) lie within the limits of the site. The site is not mapped within an Alquist-Priolo Earthquake Fault Zone.

3.3 Regional Faulting and Tectonics

Regional transpression has caused uplift and folding of the bedrock and surficial units within the Coast Ranges. This structural deformation occurred during periods of tectonic activity that began in the Miocene and continues today. The site is located in a seismically active region that has experienced periodic, large magnitude earthquakes during historic times. This seismic activity appears to be largely controlled by displacement between the Pacific and North American crustal plates, separated by the San Andreas Fault zone located approximately 2¾ miles (4½ km) southwest of the site. This plate displacement produced regional strain that is concentrated along major faults of the San Andreas Fault System including the San Andreas, Hayward, and Calaveras Faults in this area.

The site is located in a seismically active region dominated by major faults of the San Andreas Fault System. Major active faults include the aforementioned San Andreas Fault; the Hayward Fault located on the order of 15½ miles (25 km) northeast of the site; and the Calaveras Fault, located approximately 23½ miles (38 km) northeast of the site. In addition, closer active or potentially active faults include the Pilarcitos Fault, located on the order of 4¼ miles (7 km) southwest of the site; the Monte Vista - Shannon Fault, located on the order of 4½ miles (7 km) south of the site,; and the Seal Cove – San Gregorio Fault, located on the order of 10 miles (16 km) southwest of the site. The site location relative to active and potentially active faults in the local area as well as the San Francisco Bay Area is shown on Plate 4, *Regional Fault Map*.

Contraction across a restraining bend in the San Andreas Fault has resulted in ongoing late-Quaternary uplift of the Santa Cruz Mountains, with at least some of the uplift occurring along a three to five km-wide zone of northwest-trending, southwest dipping reverse faults along the northeast margin of the central and southern Santa Cruz Mountains (Hitchcock et al., 2004). These faults are referred to by some investigators as the Foothills Thrust Fault system and include the northwest-trending Berrocal, Monte Vista, and Shannon Faults, which generally dip southwest toward the San Andreas Fault. The Monte Vista is the closest of these faults to the site. In addition to the other aforementioned thrust faults, blind reverse faults to the southeast such as the Cascade and Santa Clara faults that underlie and are hidden beneath younger sediments filling the Santa Clara Valley, have been identified that may also account for some of the ongoing uplift of the Santa Clara Mountains.

The Working Group on California Earthquake Probabilities (WGCEP, 2015), in conjunction with the United States Geological Survey (USGS), has evaluated the probabilities of significant earthquakes occurring in the Bay Area over the next 30 years. The WGCEP report indicates that there is a 72% probability that at least one magnitude 6.7 or greater earthquake will occur in the San Francisco Bay region before 2045. This probability is an aggregate value that considers seven principal Bay Area fault systems and unknown faults (background values).

A discussion of the three most significant faults, ordered by increasing distance from the site, follows.

3.3.1 San Andreas Fault

The northwest-trending San Andreas Fault runs along the western coast of California extending on the order of 625 miles (1000 km) from the north near Point Arena to the Salton Sea area in southern California (Jennings, 1994). The fault zone has been divided into 11 segments. The slip rate on the Peninsula segment of the San Andreas Fault is estimated to be about 17 mm/year and has been assigned a moment magnitude (M_{\max}) of 7.1 (CGS, 2003). UCERF3 has estimated that there is a 6.4% probability of at least one magnitude 6.7 or greater earthquake before 2044 along the Northern San Andreas Fault.

3.3.2 Hayward Fault

The Hayward Fault trends northwesterly on the order of 88 km from the Milpitas area to San Pablo Bay. The Hayward Fault has been divided into two main segments, the Northern and Southern segments. The Rodgers Creek Fault, considered as a possible extension of the Hayward Fault, extends northward from beneath San Pablo Bay up to near Healdsburg, where it is aligned with the Healdsburg Fault zone, currently considered to be inactive. The slip rate on this segment of the Hayward Fault is estimated to be about 9 mm/year and has been assigned a moment magnitude (M_{\max}) of 6.4 (CGS, 2003). UCERF3, the earthquake forecast model developed by the Working Group on California Earthquake Probabilities (USGS, 2015) has estimated that there is a 14.3% probability of at least one magnitude 6.7 or greater earthquake before 2044 along the Hayward Fault.

3.3.3 Calaveras Fault

The Calaveras Fault trends northwesterly about 123 km in length from near Hollister, extending to north of the Danville area. The Calaveras Fault has been divided into three segments, the Northern, Central, and Southern segments. The slip rate on the north segment of the Calaveras Fault is estimated to be about 6 mm/year and has been assigned a moment magnitude (M_{\max}) of 6.8 (CGS, 2003). UCERF3 has

estimated that there is a 7.4% probability of at least one magnitude 6.7 or greater earthquake before 2044 along the Calaveras Fault.

3.4 Historic Seismicity

As discussed above, the San Francisco Bay Area is subject to a high level of seismic activity. Within the period of 1800 to 2000 there were an estimated 20 earthquakes exceeding a Richter magnitude of 6.0 within a 100-mile radius of the site, seven exceeding 6.5, four exceeding 7.0 and one exceeding 7.5. There have been six major Bay Area earthquakes since 1800. Those were in 1836 and 1868 on the Hayward-Rodgers Creek Fault, in 1861 on the Calaveras Fault, and in 1838, 1906, and 1989 on the San Andreas Fault.

The site is reported to have experienced shaking from on the order of 57 earthquakes of magnitude 5.5 or greater during the period of 1800 to 2000, occurring at various distances away from the site. Of those, 17 were greater than Magnitude 6.0, seven exceeded 6.5, four exceeded 7.0 and one was greater than 7.5. The most significant known ground shaking affecting the site since 1900 is likely the 1906 San Francisco earthquake, as well as the 1989 Loma Prieta earthquake. The 1989 Loma Prieta earthquake caused severe damage in many locations throughout the greater San Francisco Bay Area, resulting in an estimated \$6 billion total in property damage, per Wikipedia. According to the City of San Mateo Safety Element (2010), damage due to the Loma Prieta earthquake in the City of San Mateo was an estimated \$240 million, consisting of \$100 million in structural damage and the remainder due to damage to building contents. Non-minor structural damage within the City included failure of parapet walls in one downtown unreinforced masonry building, and damage to several concrete tilt-up and other buildings.

4.0 SUBSURFACE CONDITIONS

4.1 Subsurface Soil Conditions

During our subsurface exploration program, we investigated the subsurface soils and evaluated soil conditions to a maximum depth of 34 feet. From our field exploration and collected data, we conclude that where explored, the area of the proposed new construction is underlain by colluvium/ slope wash deposits consisting of primarily clay material with increasing amount of sands overlying sheared rock of the Franciscan Complex. The thickness of colluvium observed in the borings is on the order of 12 to 13 feet directly overlying bedrock. Near-surface sandy clay soils were found to be very stiff to hard in consistency.

Atterberg Limit tests performed on two samples recovered in uppermost five feet of the soil profile in Borings B-1 and B-3 resulted in measured Liquid Limits (LL) of 42 and 28, and corresponding Plasticity Indices (PI) of 27 and 15, respectively, indicative of low to medium plasticity and low to moderate expansion potential of the near-surface clayey soils. Our interpretation of the general subsurface geologic conditions below the proposed development is presented in Plate 5, *Cross Sections A-A' – B-B'*. Additional details of materials encountered in the exploratory borings, including laboratory test results are included in the boring logs in Appendix A, and laboratory test summaries are presented in Appendix B.

4.2 Groundwater

Free groundwater was not encountered in any of our borings, which were drilled to a maximum depth of 34 feet. Historic high groundwater levels are interpreted to be at depths of about 20 feet below the existing ground surface, based on groundwater depth contours presented in *Seismic Hazard Zone Report for the San Mateo Quadrangle* (CGS, 2018),

The borings were backfilled with a neat cement grout in accordance with San Mateo Environmental Health requirements shortly after drilling. We note that the borings may not have been left open for a sufficient period of time to establish equilibrium groundwater conditions. Groundwater levels can vary in response to time of year, variations in seasonal rainfall, well pumping, irrigation, and alterations to site drainage. A detailed investigation of local groundwater conditions was not performed and is beyond the scope of this study.

4.3 Corrosion Testing

A sample collected from the upper four feet of the soil profile at Boring B-1 was tested to measure sulfate content, chloride content, redox potential, pH, resistivity, and presence of sulfides. Test results are included in Appendix B and are summarized on Table 1.

Table 1: Summary of Corrosion Test Results

Soil Description	Sample Depth (feet)	Sulfate (mg/kg)	Chloride (mg/kg)	Redox (mV)	Resistivity (ohm-cm)	Sulfide	pH
Yellowish Brown Sandy CLAY w/ Gravel	1-4	39	4	485	1,029	Negative	7.1

Water-soluble sulfate can affect the concrete mix design for concrete in contact with the ground, such as shallow foundations, piles, piers, and concrete slabs. Section 4.3 in American Concrete Institute (ACI) 318, as referenced by the CBC, provides the following evaluation criteria:

Table 2: Sulfate Evaluation Criteria

Sulfate Exposure	Water-Soluble Sulfate in Soil, Percentage by Weight or (mg/kg)	Sulfate in Water, ppm	Cement Type	Max. Water Cementitious Ratio by Weight	Min. Unconfined Compressive Strength, psi
Negligible	0.00-0.10 (0-1,000)	0-150	NA	NA	NA
Moderate	0.10-0.20 (1,000-2,000)	150-1,500	II, IP (MS), IS (MS)	0.50	4,000
Severe	0.20-2.00 (2,000-20,000)	1,500-10,000	V	0.45	4,500
Very Severe	Over 2.00 (20,000)	Over 10,000	V plus pozzolan	0.45	4,500

The water-soluble sulfate content was measured to be about 39 mg/kg (ppm) or 0.0039% by dry weight in the soil sample, suggesting the site soil may have negligible impact on buried concrete structures at the site. Also, it should be pointed out that the water-soluble sulfate concentrations can vary due to the addition of fertilizer, irrigation, and other possible development activities.

Table 4.4.1 in ACI 318 suggests use of mitigation measures to protect reinforcing steel from corrosion where chloride ion contents are above 0.06% by dry weight. The chloride content was measured to be 4 mg/kg (ppm) or 0.0004% by dry weight in the soil sample. Therefore, the test result for chloride content

does not suggest a corrosion hazard for mortar-coated steel and reinforced concrete structures due to high concentration of chloride.

In addition to sulfate and chloride contents described above, pH, oxidation reduction potential (Redox), and resistivity values were measured in the soil sample. For cast and ductile iron pipes, an evaluation was based on the 10-Point scaling method developed by the Cast Iron Pipe Research Association (CIPRA) and as detailed in Appendix A of the American Water Works Association (AWWA) publication C-105, and shown on Table 3.

Table 3: Soil Test Evaluation Criteria (AWWA C-105)

Soil Characteristics	Points	Soil Characteristics	Points
Resistivity, ohm-cm, based on single probe or water-saturated soil box.		Redox Potential, mV	
<700	10	>+100	0
700-1,000	8	+50 to +100	3.5
1,000-1,200	5	0 to 50	4
1,200-1,500	2	Negative	5
1,500-2,000	1	Sulfides	
>2,000	0	Positive	3.5
PH		Trace	2
0-2	5	Negative	0
2-4	3	Moisture	
4-6.5	0	Poor drainage, continuously wet	2
6.5-7.5	0	Fair drainage, generally moist	1
7.5-8.5	0	Good drainage, generally dry	0
>8.5	5		

Assuming fair site drainage, the tested soil sample had a total score of 6 points, indicating a non-corrosive rating. When total points on the AWWA corrosivity scale are at least 10, the soil is classified as corrosive to cast and ductile iron pipe, and use of cathodic corrosion protection is often recommended.

These results are preliminary, and provide information only on the specific soil sampled and tested. Other soil at the site may be more or less corrosive. Providing a complete assessment of the corrosion potential of the site soils are not within our scope of work. For specific long-term corrosion control design recommendations, we recommend that a California-registered professional corrosion engineer evaluate the corrosion potential of the soil environment on buried concrete structures, steel pipe coated with cement-mortar, and ferrous metals.

5.0 GEOLOGIC HAZARDS

5.1 Seismic Induced Hazards

Seismic hazards resulting from the effects of an earthquake generally include ground shaking, liquefaction, lateral spreading, dynamic settlement, fault ground rupture and fault creep, seismically-induced landsliding, and tsunamis and seiches. The site is not necessarily impacted by all of these potential seismic hazards. Nonetheless, potential seismic hazards are discussed and evaluated in the following sections in relation to the planned construction.

5.1.1 Ground Shaking

The site may experience moderate to very strong ground shaking from a major earthquake originating from one or more of the close or major Bay Area faults such as the San Andreas Fault (approximately 2¾ miles from the site) or Hayward Fault (approximately 15½ miles from the site). Moderate shaking may also be generated at the site by the Calaveras Fault (approximately 23½ miles from the site).

5.1.2 Liquefaction

Research and historical data indicate that soil liquefaction generally occurs in saturated, loose granular soil (primarily fine to medium-grained, clean, poorly-graded sand deposits) and certain fine-grained soils of low cohesion during or after strong seismic ground shaking and is typified by a loss of shear strength in the affected soil layer, thereby causing the soil to flow as a liquid. Typically, liquefaction potential increases with increased duration and magnitude of cyclic loading. However, because of the higher intergranular pressure of the soil at greater depths, the potential for liquefaction is generally limited to the upper 40 feet of the soil. Potential hazards associated with soil liquefaction below or near a structure include loss of foundation support, lateral spreading, sand boils, and areal and differential settlement. No liquefaction related ground failures were reported in the site vicinity by Youd and Hoose (1978).

The site has been mapped as within a Seismic Hazard Zone (SHZ) for liquefaction based on the State of California, *Official Map of the San Mateo Quadrangle* released on January 11, 2018. The site location relative to the SHZ for liquefaction is shown on Plate 6, *Seismic Hazard Zones Map*. Based on the encountered subsurface profile of very stiff to hard cohesive soils overlying Franciscan bedrock at depths of less than 15 feet, we judge that the site is not susceptible to liquefaction.

5.1.3 Lateral Spreading

Lateral spreading involves both vertical and lateral ground movement, with some vertical component, as a result of liquefaction. In addition to liquefaction, a free face or slope is necessary in most cases for lateral spreading to occur. Lateral spreading can occur on relatively flat sites with slopes less than 2% under certain circumstances, and manifest itself at the ground surface in the form of cracking and settlement. Lateral spreading can occur in areas located within close proximity to an open face which are supported by underlying liquefiable soil under or close to the open face. Under a lateral spreading condition, soils which liquefy lose strength and the slope moves towards the open face. Any structures or improvements located within close proximity to the slope can also move and possibly be destabilized.

No significant free slope faces are present within the general vicinity of the project site. In addition, no liquefiable subsurface layers underlying the site were identified in our exploration. Therefore, it is our opinion that the potential for the occurrence of lateral spreading effects (i.e., surface cracking, settlement) at the site is nil.

5.1.4 Dynamic Compaction (Settlement)

Dynamic compaction is a phenomenon where loose, sandy soil located above the water table densified from vibratory loading, typically from seismic shaking or vibratory equipment. The site is generally underlain by clayey soils. Based on the lack of loose, clean sands encountered throughout the borings, we judge that the site is not susceptible to dynamic densification.

5.1.5 Fault Ground Rupture and Fault Creep

A Regional Fault Map is shown on Plate 4. The State of California adopted the Alquist-Priolo (A-P) Earthquake Fault Zone Act of 1972 (Chapter 7.5, Division 2, Sections 2621 – 2630, California Public Resources Code), which regulates development near active faults for the purpose of preventing surface fault rupture hazards to structures for human occupancy. In accordance with the Alquist-Priolo (A-P) Act, the California Geological Survey established boundary zones or A-P “Earthquake Fault Zones” surrounding faults or fault segments judged to be sufficiently active, well-defined and mapped for some distance. These zones generally extend at least 500 feet on each side of a mapped or inferred trace of an active fault. Structures for human occupancy within designated Earthquake Fault Zone boundaries are not permitted unless surface fault rupture and fault creep hazards are adequately addressed in a site-specific evaluation of the development site.

The site is not currently within a designated Earthquake Fault Zone as defined by the State (Hart and Bryant, 1997). The closest Earthquake Fault Zone is that of the San Andreas Fault, which is located about 2¾ miles southwest of the site. Since the site is not within an Earthquake Fault Zone and no faults are known to be present that are within or toward the project site, the potential for fault ground rupture and surface manifestations from fault creep is judged to be nil.

5.1.6 Tsunamis and Seiches

Tsunamis are long-period sea waves generated by seafloor movements from submarine earthquakes or volcanic eruptions that rapidly displace large volumes of water. Coastal communities along the Pacific Ocean are particularly susceptible to such phenomena. The California Emergency Management Agency tsunami inundation map for the San Mateo Quadrangle (CGS, 2009) shows the closest tsunami inundation zone to be near Seal Point at a point approximately 3 miles northeast of the site. Therefore, the potential for tsunami inundation at the site is considered to be nil.

Earthquake-induced waves generated within enclosed bodies of water are called seiches. Such waves may overtop dam or reservoir embankments or extreme cases, cause dam failure, and in either case result in downstream inundation. The project site is in a heavily urbanized area, and not within the downstream drainage area of any significant body of water such as a lake or large reservoir. The site is not considered to be susceptible to seiches.

5.2 Other Hazards

Potential geologic hazards other than those caused by a seismic event generally include ground failure and subsidence, consolidation settlement, landslides under static loading conditions, expansive and collapsible soils, flooding, naturally occurring asbestos (NOA) and soil erosion. These are discussed and evaluated in the following sections.

5.2.1 Ground Cracking and Subsidence

Withdrawal of groundwater and other fluids (i.e. petroleum and the extraction of natural gas) from beneath the surface has been linked to large-scale land subsidence and associated cracking on the ground surface. Other causes for ground cracking and subsidence include the oxidation and resultant compaction of peat beds, the decline of groundwater levels and consequent compaction of aquifers, hydro-compaction and subsequent settlement of alluvial deposits above the water table from irrigation, or a combination of any of these causes. However, subsidence generally impacts a region, and should

not produce excessive differential settlement in a single location, such as the subject site. Local and regional locations prone to subsidence generally subside equally over time.

5.2.2 Settlement Due to Consolidation

Consolidation occurs as a result of water being squeezed out from a saturated soil as internal pore water pressures induced by an external load are dissipated over time. As the water moves out from the soil, the solid particles re-align into a more dense configuration with settlement resulting. Consolidation typically occurs as a result of new buildings or fills being placed over them, but consolidation can also occur from groundwater withdrawal. Consolidation of clayey soils is usually a long-term process, whereby the water is squeezed out of the soil matrix with time. Sandy soils consolidate relatively rapidly with an introduction of a load. Consolidation of soft and loose soil layers and lenses can cause settlement of the ground surface or buildings.

Based on testing in the field, laboratory testing, and type of soils (i.e., very stiff to hard soils) and depth of groundwater level, the potential for consolidation settlement at this site is judged to be very low.

5.2.3 Landsliding

Landslides can occur under a variety of loading conditions, including both static and seismic, but involve sloping ground. As shown on Plate 6, the site is not within an SHZ for seismically-induced landslide investigation. The site and immediate vicinity are relatively flat, covered by urban development, and does not exhibit landslide features as determined by our site reconnaissance and literature review. Therefore, the site is not considered susceptible to landsliding.

5.2.4 Expansive and Collapsible Soils

The near-surface deposits encountered during the drilling program primarily consisted of stiff to hard clay. Visual observation and testing of select samples of the near-surface soils indicated the soils to be of medium plasticity, and the near-surface soils are considered to be generally of low to moderate expansion potential. Expansive soils may impact the performance of foundations and site flatwork, as expansive soil pressures may develop that can manifest primarily as seasonal heaving and settlement effects. Potential moderately expansive soil pressures can and should be accounted for in the design of these project elements, and recommendations for construction of foundations, slabs and sitework are presented herein in the geotechnical recommendations presented in this report.

Collapsible soils are fine sandy and silty soils that have been laid down by the action of flowing water, usually in alluvial fan deposits. Terrace deposits and fluvial deposits can also contain collapsible soil deposits. The soil particles are usually bound together with a mineral precipitate. The loose structure is maintained in the soil until a load is imposed on the soil and water is introduced. The water breaks down the inter-particle bonds and the newly imposed loading densifies the soil. The near-surface site soils appeared to be clayey, very stiff to hard, and did not show visual evidence of collapse potential (e.g., porous structure). Therefore, the potential for collapsible soils underlying the site is considered to be low.

5.2.5 Flooding

As shown on Plate 7, *Regional Flood Hazard Map* (FEMA, 2015), the project site is mapped as within Zone X, area of Minimal Flood Hazard. According to the Safety Element of the City of San Mateo General Plan 2030 (adopted 2010), the project site is not located within any zone of potential flooding from creek or storm drain channel overtopping, or dam inundation. Beresford Creek, located on the south side of Parkside Way within Beresford Park, is not shown as a flood hazard, and is also within an underground channel adjacent to the project site.

An in-depth engineering evaluation of the flooding potential of the site is beyond the scope of this study or our expertise, and a flood specialist should be contacted if a more in-depth flooding analysis is desired.

5.2.6 Soil Erosion

Present construction techniques and agency requirements have provisions to limit soil erosion and resulting siltation during construction. These measures will reduce the potential for soil erosion at the site during the various construction phases. Long-term erosion at the site will be reduced by landscaping and flatwork areas, such as parking lots and walkways, designed with appropriate surface drainage facilities.

5.2.7 Naturally Occurring Asbestos (NOA)

No sources of NOA have been mapped in the vicinity of the site and therefore the potential for NOA to impact the site is very low.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The following conclusions and recommendations are based upon the analysis of the information gathered during the course of this study and our understanding of the proposed improvements.

6.1 Conclusions

The site is considered geologically and geotechnically suitable for the proposed improvements provided the recommendations of this report are incorporated into the design and implemented during construction. The predominant geotechnical and geological issues that need to be addressed at this site are summarized below.

Seismic Ground Shaking – The site is located within a seismically active region, and subject to potentially very strong ground shaking. As a minimum, the building design should consider the effects of seismic activity in accordance with the latest edition of the California Building Code (CBC).

Expansive Soils – Moderately expansive soils were generally encountered within the near-surface soil profile. Therefore, special design measures to mitigate the effects of expansive soils are recommended for the design of foundations, including deepening foundation embedment; and for any project floor slabs-on-grade and flatwork, placement of a non-expansive fill layer below the floor slabs and flatwork. In addition, the grading contractor should also be aware that such material could be difficult to work with and may require extra care and time to properly moisture condition and compact such soils. Appropriate recommendations for mitigating the effects of surficial expansive soils are presented in the applicable recommendation sections of this report.

Winter Construction and Unstable Subgrades – If grading occurs in the winter rainy season, appropriate erosion control measures will be required, and weatherproofing of the building pads, foundation excavations, and/or pavement areas should be considered. Winter rains may also impact foundation excavations and underground utilities. In addition, exposed subgrade surfaces to be compacted either as subgrades to receive engineered fill or as pavement or flatwork subgrade may be significantly above optimum moisture content and may be unstable under construction equipment loads, particularly for newly exposed subgrades after the existing pavements are removed. Such subgrade surfaces where encountered may require the exposed materials be dried out before compaction, or stabilized through chemical stabilization methods (e.g., quicklime) or, locally by the use of stabilization geotextile or geogrids, as determined at the time the subgrades are exposed during construction as discussed in Section 6.3.6.

Other potential geotechnical considerations, including those that should not significantly impact the project are explained below.

Utility Connections – As a general suggestion, where utility damage during a design seismic event may be an issue, the design engineer should consider using utility connections at building perimeters designed for minimum of one inch of potential movement in any direction where any critical utility enters the building. This flexibility would help accommodate potential differential movement during a seismic event.

6.2 Seismic Design Parameters

The proposed building should be designed in accordance with local design practice to resist the lateral forces generated by ground shaking associated with a major earthquake occurring within the San Francisco Bay region. Based on the subsurface conditions encountered in our borings, our evaluation of the geology of the site and extrapolating the site conditions to 100 feet, we judge a Site Class “C” classification is appropriate for the site. The geographic coordinates of the site improvements used for analysis were 37.5393° north latitude and 122.3154° west longitude.

The spectral acceleration parameters presented in Table 4 were obtained from the SEOC/OSHPD seismic hazard mapping website based on the ASCE/SEI 7-16 Standard, as required by the 2019 CBC.

Table 4: Seismic Coefficients Based on 2019 CBC (per ASCE 7-16)

Item	Value	2019 CBC Source ^{R1}	ASCE 7-16 Table/Figure ^{R2}
Site Class	C	Table 1613.3.2	Table 20.3-1
Mapped Spectral Response Accelerations			
Short Period, S_s	2.003 g		Figure 22-1
1-second Period, S_1	0.827 g		Figure 22-2
Site Coefficient, F_a	1.2	Table 1613.3.3(1)	Table 11.4-1
Site Coefficient, F_v	1.4	Table 1613.3.3(2)	Table 11.4-2
MCE (S_{MS})	2.403 g	Equation 16-37	Equation 11.4-1
MCE (S_{M1})	1.157 g	Equation 16-38	Equation 11.4-2
Design Spectral Response Acceleration			
Short Period, S_{DS}	1.602 g	Equation 16-39	Equation 11.4-3
1-second Period, S_{D1}	0.771 g	Equation 16-40	Equation 11.4-4
Peak Ground Acceleration, PGA_M	1.031 g		Equation 11.8-1

R1 California Building Standards Commission (CBSC), “California Building Code,” 2019 Edition.

R2 U.S. Seismic “Design Maps” Web Application, <https://geohazards.usgs.gov/secure/designmaps/us/application.php>

ASCE 7-16 § 11.6-1 and 11.6-2 indicate that the Seismic Design Category for all Occupancy Categories is “D”.

6.3 Site Grading and Site Preparation

Site grading should be performed in accordance with these recommendations. A pre-construction conference should be held at the jobsite with representatives from the owner, general contractor, grading contractor, and Atlas prior to starting the clearing and demolition operations at the site, at which geotechnical considerations affecting grading should be discussed. Site grading is expected to consist of constructing a level building pad, and grading of site development areas to establish final design grades and drainage. Grading plans have not been provided, but based on existing ground surface elevations, a maximum of three feet of fill could be required to establish a level pad, depending on the selected pad elevation.

6.3.1 Site Preparation

The site should be cleared (stripped) of the existing pavement, play structures, vegetation, organic topsoil, debris, and other deleterious materials within the proposed development area. Holes resulting from the removal of any underground obstructions or root balls that would extend below the proposed finish grade should be cleaned down to firm soil, and backfilled with properly compacted engineered fill or other material approved by the Geotechnical Engineer. If loose or soft soil or unsuitable fill soil is encountered, these soils should be removed to expose firm soil and backfilled with engineered fill. The Geotechnical Engineer’s representative should observe and confirm the adequacy of site clearing operations during construction prior to any engineered fill placement, and observe and confirm all backfilling operations for any excavations to remove deleterious material.

6.3.2 Engineered Fill Materials and Placement

On-site soils having an organic content of less than 3% by weight, free of building or construction debris, and with a Plasticity Index of less than 28 can be reused as general (i.e., non-select) engineered fill as approved by the Geotechnical Engineer. Import general soil for mass grading general engineered fill should be at least of comparable quality as the existing onsite soils, and in any case shall be approved by the Geotechnical Engineer prior to use on the project. Import select soil should be non-expansive, having a Plasticity Index of 12 or less, an R-Value greater than 40, and contain sufficient fines so the soil can bind together on the side walls of open excavations such as for footing construction. All imported materials should be free of environmental contaminants, organic materials and debris, and should not

contain rocks or lumps greater than three inches in maximum size. Recycled aggregate base containing recycled asphalt concrete, including onsite asphalt concrete and baserock removed during site demolition, may be used in pavement sections or as general fill, but should not be used as import select engineered fill in the school building pads. All import fill materials for engineered fill should be approved by the Geotechnical Engineer prior to use on site.

Following excavation to the required grades, subgrades in areas to receive engineered fill, as well as for slabs-on-grade or pavements should be scarified to a depth of at least eight inches; moisture conditioned, and compacted to the requirements for engineered fill presented in Section 6.3.3. New engineered fill should be moisture conditioned and thoroughly mixed during placement to provide uniformity in each layer. In order to achieve satisfactory compaction of the subgrade and engineered fill materials, it may be necessary to adjust the water content at the time of construction. This may require that water be added to soils that are too dry, or that scarification and aeration be performed for any soils too wet.

The fill material should be evenly spread and compacted in relatively uniform lifts not exceeding eight inches in pre-compacted (i.e., loose lift) thickness. Smaller lifts may be necessary to achieve the minimum required compaction using lighter weight compaction equipment. Moisture conditioning may be more difficult to achieve during cold, wet periods of the year, or during extreme temperatures and after precipitation events. The final compacted surface should be firm and unyielding and should be protected from damage caused by traffic or weather. Soil subgrades should be kept moist during construction.

In areas where space limitations preclude performing mechanical compaction, a flowable sand-cement slurry or other approved Controlled Density Fill (CDF; also known as Controlled Low Strength Material, or CLSM) may be used in place of soil. Required compressive strength of CLSM would depend on whether or not future excavatability would be required. In general, excavatable CLSM should have a maximum 28-day unconfined compressive strength within the range of 100 to 150 psi. Unconfined compression testing should be performed in accordance with ASTM D4832. CLSM may also be used as over-excavation backfill below footing excavations as well as for over-excavated winterized footing excavations for bottom protection prior to concrete pour (i.e., rat slabs). CLSM should be placed and tested in accordance with DSA IR18-1.

6.3.3 Project Compaction Recommendations

Table 5 provides the recommended compaction requirements for this project. Not all soils, aggregates and scenarios listed below may be applicable for this project. Specific grading recommendations are

discussed individually within applicable sections of this report. Engineered fill material should be properly moisture conditioned to the minimum moisture contents as indicated in Table 5 prior to compaction.

Table 5: Project Compaction Recommendations

Description	Percent Relative Compaction (ASTM D1557)	Recommended Minimum Percent Above Optimum Moisture Content
Building Pads, Onsite Soil	90	3
Building Pads, Subgrade Soil	90	3
Building Pads, Import Select Fill	90	2
Vehicular Pavement, Subgrade, Upper 8"	95	3
Vehicular Pavement, Onsite Soil or Fill	90	3
Vehicular Pavement, Class 2 Baserock	95	2
Concrete Flatwork, Class 2 Baserock	90	2
Concrete Flatwork, Subgrade Soil	90	3
Underground Utility Trench Backfill	90	3
Underground Utility Trench Backfill - Landscape Areas (not including areas below flatwork)	85	3
Underground Utility Trench Backfill, Clean Sand	95	4
Underground Utility Trench Backfill, Upper 3' Feet below Existing Pavement Sections (adjoining streets)	95	2

6.3.4 Building Pad Construction

Following excavation to the required grades, subgrades in areas of the pad to receive engineered fill should be scarified to a depth of at least eight inches; moisture conditioned, and compacted to the requirements for engineered fill presented in Section 6.3.3. Onsite soils meeting the fill requirements indicated in Section 6.3.2 may be reused as structural, non-select fill within the building pad. Due to locally moderately expansive surficial material, where an interior slab-on-grade floor is used, the top of the building pad should consist of a minimum 12-inch thick layer of import, non-expansive, select engineered fill, or alternatively, lime-treated subgrade, as discussed in Section 6.7.1. Building pad preparation should extend a minimum three-foot distance beyond the perimeter of the building footprint. The completed pad surface should be firm and unyielding and should be protected from damage caused by traffic or weather. Soil subgrades should be kept moist during construction. Due to potential instability of exposed onsite subgrade soils, we note that stabilization of the new building pad subgrade may be required, possibly requiring use of stabilization methods as discussed in Section 6.3.6.

6.3.5 Grading Pavement and Flatwork Areas

Pavement and flatwork subgrade exposed after cut excavation, or subgrades to receive engineered fill should be scarified to a depth of at least eight inches, moisture conditioned, and compacted. Once the compacted finished subgrade has been reached, we recommend that baserock in paved areas be placed immediately after grading to protect the subgrade soil from drying. Alternatively, the subgrade should be kept moist by watering until the baserock is placed.

Rubber-tired heavy equipment, such as a full water truck, should be used to proof load exposed subgrade areas where pumping is suspected. Proof loading will determine if the subgrade soil is capable of supporting construction equipment without excessive pumping or rutting. Additional recommendations for flatwork subgrade preparation are presented in Section 6.7.2. Stable subgrades under proof loading are required before placement of pavement section baserock and surface course (i.e., asphalt pavement or Portland cement concrete). Where pavement subgrades are shown to be unstable under proof loading, depending on the construction schedule, potential remedial measures include scarifying, drying and recompaction of the subgrade soils; excavation and removal of unstable, saturated subgrade soils to firm and unyielding underlying soil, and backfilling with engineered fill; or the remedial measures discussed in Section 6.3.6.

6.3.6 Site Winterization and Unstable Subgrade Conditions

If grading occurs in the winter rainy season, unstable and unworkable subgrade conditions may be locally present and compaction of onsite soils may not be feasible. In addition, below-grade excavation, depending on the excavation depth, or newly exposed subgrade surfaces below existing removed pavements may be significantly above optimum moisture content and may be unstable. These conditions may be remedied using soil admixtures, such as quicklime. A minimum 4% mixture of quicklime or multi-spectrum mix such as Quicklime Plus, based on a dry soil unit weight of 110 pcf is recommended for planning purposes. Treatment may vary between 12 to 18 inches, depending on the severity of the instability and the anticipated construction equipment loads. More detailed and final recommendations can be provided during construction if needed. Stabilizing subgrade in small, isolated areas can generally be accomplished with the approval of the Geotechnical Engineer by over-excavating at least one foot, placing either (1) Tensar TriAx TX-140 or equivalent geogrid, or (2) a high-modulus, woven stabilization geotextile such as Mirafi RS580i on the soil, and then placing 12 inches of Class 2 baserock on the geogrid or geotextile. The upper eight inches of the baserock should be compacted to at least 90% relative compaction, or 95% if subjected to vehicular loading.

6.3.7 Site Drainage

Final grading should be designed to provide drainage away from the building. Exposed soil areas within 10 feet of the proposed structure or as applicable from the site conditions should slope at a minimum of 5% away from the building. Adjacent concrete flatwork should slope a minimum 2% away from the building. Roof leaders and downspouts should not discharge into landscape areas adjacent to the building, and should discharge onto paved surfaces sloping away from the building or into a closed pipe system channeled away from the building to an approved collector or outfall.

6.4 Utility Trench Construction

6.4.1 Trench Backfilling

Utility trenches may be backfilled with onsite soil above the utility bedding and shading materials. If rocks or concrete larger than four inches in maximum size are encountered, they should be removed from the fill material prior to placement in the utility trenches. Utility bedding and shading compaction requirements should be in conformance with the requirements of the local agencies having jurisdiction and as recommended by the pipe manufacturers. Jetting of trench backfill is not recommended. Compaction recommendations are presented in Section 6.3.3, *Project Compaction Recommendations*.

Pea gravel, rod mill, or other similar self-compacting material should not be utilized for trench backfill since this material will transmit the shallow groundwater to other locations within the site and potentially beneath the building. Additionally, fines may migrate into the voids in the pea gravel or rod mill, which could cause settlement of the ground surface above the trench. However, pea gravel backfill may be allowed in certain instances under interior floor slabs in shallow plumbing trenches, subject to the approval of the geotechnical engineer. If pea gravel is used for shallow trenches inside the building pad, the utility crossing below the perimeter wall should be plugged with an impermeable material below the wall.

If rain is expected and the trench will remain open, the bottom of the trench may be lined with 1 to 2 inches of gravel. This would provide a working surface in the trench bottom. The trench bottom may have to be sloped to a low point to pump the water out of the trench.

6.4.2 Utility Penetrations at Building Perimeter

Utility trenches should be sealed with concrete, clayey soil, sand-cement slurry, or controlled density fill (CDF) where the utility enters the building under the perimeter foundation. This would reduce the potential

for migration of water beneath the building through the granular bedding and shading material in the utility trench.

As a general suggestion, flexible connections at building perimeters may be desired for critical utility lines passing through perimeter foundations. This would provide flexibility during a seismic event. This could be provided by special flexible connections, pipe sleeves with appropriate waterproofing, or other methods.

6.4.3 Pipe Bedding and Shading

Pipe bedding material is placed in the utility trench bottom to provide a uniform surface, a cushion, and protection for the utility pipe. Shading material is placed around the utility pipe after installation and testing to protect the pipe. Bedding and shading material and placement are typically specified by the pipe manufacturer, agency, or project designer. Agency and pipe manufacturer recommendations may supersede our suggestions. These suggestions are intended as guidelines and our opinions based on our experience to provide the most cost-effective method for protecting the utility pipe and surrounding structures. Other geotechnical engineers, agency personnel, contractors, and civil engineers may have different opinions regarding this matter.

Bedding and Shading Material - The bedding and shading material should be the same material to simplify construction. The material should be clean, uniformly graded, fine to medium grained sand. It is suggested that bedding and shading material contain less than 3% fines with 100% passing the No. 8 sieve. Coarse sand, angular gravel or baserock should be avoided since this type of shading material may bridge when backfilling around the pipe, possibly creating voids, and may be too stiff as bedding material. Open graded gravel should be avoided for shading since this material contains voids, and the surrounding soil could wash into the voids, potentially causing future ground settlement. However, open graded gravel may be required for bedding material when water is entering the trench. This would provide a stable working surface and a drainage path to a sump pit in the trench for water in the trench. The maximum size for bedding material should be limited to about $\frac{3}{4}$ inch.

Bedding Material Placement - The thickness of the bedding material should be minimized to reduce the amount of trench excavation, soil export, and imported bedding material. Two to three inches for pipes less than eight-inches in diameter and about four to six inches for larger pipes are suggested. Bedding for very large diameter pipes are typically controlled by the pipe manufacturer. Compaction is not required for thin layers of bedding material. The pipe needs to be able to set into the bedding, and walking on a

thin layer of bedding material should sufficiently compact the sand. Rounded gravel may be unstable during construction, but once the pipe and shading material is in place, the rounded gravel will be confined and stable.

Shading Material Placement – Jetting is not recommended since the type of shading material is unknown when preparing the geotechnical report and agencies typically do not permit jetting. If the sand contains fines or if the sand is well graded, jetting will not work. Additionally, if too much water is used during jetting, this could create a wet and unstable condition. The shading material should be able to flow around and under the utility pipe during placement. Some compaction effort along the sides of the pipe should be made by the contractor to consolidate the shading material around the pipe. A minimum thickness of about six-inches of shading material should be placed over the pipe to protect the pipe from compaction of the soil above the shading material. The contractor should provide some compaction effort to densify the shading material above the pipe. Relative compaction testing is not usually performed on the shading material. However, the contractor is ultimately responsible for the integrity of the utility pipe.

6.5 Temporary Excavation Slopes and Shoring

Where temporary excavation slopes are required, the Contractor should incorporate all appropriate requirements of OSHA/ Cal OSHA into the design of any temporary construction slopes used during construction. Excavation safety regulations are provided in the OSHA Health and Safety Standards for Excavations, 29 CFR Part 1926, Subpart P. These regulations apply to excavations greater than five feet in depth.

The Contractor, or his specialty subcontractor, should design temporary construction slopes to conform to the OSHA regulations and should determine actual temporary slope inclinations based on the subsurface conditions exposed at the time of construction. For pre-construction planning purposes, the subsurface materials in the areas of the site where excavation may take place may be assumed to consist of a very stiff cohesive materials categorized as OSHA Type A with temporary slope inclination of no steeper than $\frac{3}{4}$:1 (horizontal to vertical). This maximum slope ratio is assumed to be uniform from top to toe of the slope. The type of slope material and actual temporary construction slopes should be confirmed or adjusted during construction by a person who is trained as a “competent person” as designated by OSHA and directly responsible to the grading contractor.

If temporary slopes are left open for extended periods of time, exposure to weather and rain could have detrimental effects such as sloughing and erosion on surficial soils exposed in the excavations. We recommend that all vehicles and other surcharge loads be kept at least 10 feet away from the top of temporary slopes, and that such temporary slopes are protected from excessive drying or saturation during construction. In addition, adequate provisions should be made to prevent water from ponding on top of the slope and from flowing over the slope face. Desiccation or excessive moisture in the excavation could reduce stability and require shoring or laying back of side slopes.

In addition, adequate provisions should be made to prevent water from ponding on top of the slope and from flowing over the slope face. Desiccation or excessive moisture in the excavation could reduce stability and require shoring or laying back the side slopes.

6.6 Building Foundations

6.6.1 Shallow Foundations

The proposed building and shade structure can be supported on conventional spread footing or continuous footings bearing on undisturbed stiff native soil or on engineered fill. Footings should be founded a minimum of 18 inches below lowest adjacent finished grade (i.e., exterior grade or building pad subgrade elevation, as applicable). Continuous footings should have a minimum width of at least 15 inches, and isolated column footings should have a minimum width of at least 24 inches. In addition, footings located adjacent to other footings or utility trenches should bear below an imaginary 1.5:1 (horizontal to vertical) plane projected upward from the bottom edge of the adjacent footings or utility trenches. Footing reinforcement should be determined by the project Structural Engineer. Footings should be designed for the following allowable bearing pressures, assuming design Factors-of-Safety of 3.0, 2.0 and 1.5 for dead loads, dead plus live loads and total loads, respectively, from the calculated ultimate bearing pressure.

Table 6: Allowable Bearing Pressures for Spread Footings

Load Condition	Allowable Bearing Pressure (psf)
Dead Load	3,000
Dead plus Live Loads	4,500
Total Loads (including wind or	6,000

The above pressures are net values as the weight of the footing may be neglected for the portion of the footing extending below grade. Assuming site preparation and foundation observation services are conducted as outlined in the report, static vertical settlement is expected to be approximately one inch or less for footings bearing within the materials described in the report and designed to the aforementioned maximum allowable bearing pressures. Differential settlement across the structure would likely be in the range of $\frac{1}{2}$ to $\frac{2}{3}$ the estimated total settlement.

If needed, to evaluate immediate (distortion) settlement of footing foundations using an elastic spring constant, a preliminary modulus of subgrade reaction value, k_{V1} , of 225 pounds per cubic inch may be assumed for footings bearing directly on onsite, very stiff subsurface clayey soils, or engineered fill. The modulus value is based on anticipated settlement under the building loads. After the foundation analysis is completed, we should review the computed settlement and bearing pressure profiles to check that the modulus value is appropriate. The k_{V1} value applies for a 1-foot-by-1-foot square area and should be adjusted for footing width to obtain the k_V value as follows:

$$K_V = K_{V1} / B^*$$

* B = width of the footing in feet (lesser dimension for rectangular or strip footings).

Atlas personnel should be retained to observe and confirm that footing excavations prior to formwork and reinforcing steel placement bear in soils suitable for the recommended maximum design bearing pressure. If unsuitable soil such as undocumented fill soil is present, the excavation should be deepened until suitable supporting, undisturbed native material is encountered. The over-excavation should be backfilled using structural or lean concrete (or a sand-cement slurry mix acceptable to the Geotechnical Engineer) up to the bottom of the footing concrete.

Footing excavations should have firm bottoms and be free from excessive slough prior to concrete or reinforcing steel placement. Care should also be taken to prevent excessive wetting or drying of the bearing materials during construction. Extremely wet or dry or any loose or disturbed material in the bottom of the footing excavations should be removed prior to placing concrete. If construction occurs during the winter months and the footing excavations are to be exposed for a significant period, a thin layer of concrete (sometimes referred to as a rat slab) could be placed at the bottom of the footing excavations. The rat slab will protect the bearing soil and facilitate water and slough removal if rainwater fills the excavations. The CLSM used to backfill over-excavation or to construct the rat slabs should have a 28-day unconfined strength of at least 100 psi.

6.6.2 Lateral Resistance

Foundation elements can resist lateral loads with a combination of bottom friction and passive resistance. An ultimate coefficient of friction of 0.35 between the base of the foundation elements and underlying material is recommended. In addition, an ultimate passive resistance equal to an equivalent fluid weighing 350 pounds per cubic foot (pcf) acting against the foundation may be used for lateral load resistance against the sides of footings perpendicular to the direction of loading where the footing is poured neat against undisturbed material. Ultimate passive resistance may be reduced by one-third for allowable ($SF = 1.5$) or in accordance with pertinent code. The two modes of resistance should not be added unless the frictional component is reduced by 50%, since full mobilization of the passive resistance requires some horizontal movement, which significantly diminishes the frictional resistance. The friction between the bottom of a slab-on-grade floor and the underlying soil should not be utilized to resist lateral forces.

6.6.3 Foundations for Shade Structure/Canopy

Foundations for the lunch shade structure/canopy may alternatively consist of cast-in-place drilled piers deriving their vertical supporting capacity through skin friction between the side surfaces of the foundations and the adjacent soil. For design purposes, the allowable skin friction for gravity loads may be assumed to be 300 psf, with a one-third increase for seismic or transient loads. Uplift loads should be limited to $\frac{3}{4}$ of this value. The contribution of end bearing capacity should be ignored for design purposes.

Lateral resistance for may be determined for onsite, unimproved soils using an allowable passive resistance equal to an equivalent fluid weighing 350 pcf acting against the foundation for lateral load resistance against the sides of foundations perpendicular to the direction of loading where the foundation is poured neat against undisturbed material (i.e., native soils or engineered fills). The top foot of passive resistance at foundations not adjacent to and confined by pavement, interior floor slab, or flatwork should be neglected. For pier foundations, passive pressure can be assumed to act across two times the pier diameter.

6.7 Concrete Slabs-on-Grade

6.7.1 Interior Floor Slabs

Non-structural interior concrete slabs-on-grade should be a minimum of five inches in thickness and to resist potential soil expansion pressures, should be reinforced as a minimum by No. 4 steel reinforcement placed at 18-inch centers each way. However, the actual slab thickness and reinforcing as well as joint type and spacing should be designed by the Structural Engineer. The concrete floor slab should be

constructed on a minimum 12-inch thickness of a non-expansive, select, engineered fill (e.g., aggregate base or lime treated soil), as recommended in Section 6.3.4.

Slab-on-grade concrete floors with moisture sensitive floor coverings (e.g., in office areas) may require protection from moisture transmission through the slab from the underlying subgrade soils. Geotechnical engineers are not experts in the protection of floor coverings from underslab moisture, and if of significant importance, an expert in concrete slab construction familiar with moisture transmission issues through concrete slabs should be consulted for design of specific slab moisture protection. However, we provide the following general discussion on typical types of moisture protection used in local construction.

Primary protection from moisture transmission through floor concrete is typically provided by a moisture retarder consisting of a relatively impermeable vapor retarder placed between the subgrade soil and the bottom of the concrete slab. A capillary break consisting of at least four inches of free-draining gravel, such as $\frac{3}{4}$ -inch, clean, crushed, uniformly graded gravel with less than 3% passing No. 200 sieve, or equivalent, has also been used by designers below the vapor retarder. The vapor retarder should be at least 15-mil thick and should conform to the requirements for ASTM E 1745 Class C Underslab Vapor Retarders (e.g., Griffolyn Type 65, Griffolyn Vapor Guard, Moistop Ultra C, or equivalent). If additional protection is desired by the owner, a higher quality vapor barrier conforming to the requirements of ASTM E 1745 Class A, additionally with a water vapor transmission rate less than or equal to 0.006 gr/ft²/hr (i.e., 0.012 perms) per ASTM E 96 (e.g., 15-mil thick “Stego Wrap Class A”). Alternatively a Class B (Griffolyn Type 85, Moistop Ultra B, or equivalent) may be used in place of a Class C retarder.

The vapor retarder or barrier should be placed directly under the slab. A sand layer is not required over the vapor retarder from a geotechnical standpoint. If sand on top of the vapor retarder is required by the design structural engineer, we suggest the thickness be minimized to less than one inch. If construction occurs in the winter months, water may pond within the sand layer since the vapor retarder may prevent the vertical percolation of rainwater.

ASTM E1643 should be utilized as a guideline for the installation of the vapor retarder. During construction, all penetrations (e.g., pipes and conduits,) overlap seams, and punctures should be completely sealed using a waterproof tape or mastic applied in accordance with the vapor retarder manufacturer’s specifications. The vapor retarder or barrier should extend to the perimeter cutoff grade beam or footing. The drain rock and sand layer (if used) is not considered part of the recommended 12-inch thick non-expansive fill layer.

6.7.2 Exterior Concrete Flatwork (Non-Vehicular)

Exterior concrete flatwork with pedestrian traffic should be at least four inches thick and to reduce the potential for vertical movements due to seasonal near-surface moisture changes, consideration should be given to supporting such flatwork by at least six inches of aggregate base (baserock) due to the presence of moderately expansive subgrade soils. If a baserock layer is used for flatwork adjacent to a landscaped area, we suggest the baserock be completely cut off from the adjacent landscaped area using a concrete cutoff or a prefabricated cutoff material. Use of a supporting non-expansive fill layer should reduce, but may not entirely eliminate future seasonal vertical movement.

The subgrade beneath the flatwork, whether or not a baserock layer is used, should be moisture conditioned to above optimum moisture content shortly before concrete placement, and compacted as specified in the grading section of this report. However, note that without placement of an underlying non-expansive supporting layer, a greater potential for some degree of seasonal vertical movement of exterior concrete slabs may exist. Alternatively, exterior concrete subgrades may be lime treated to chemically stabilize any highly expansive subgrade soils that may be locally present.

Control joints should be constructed in accordance with ACI 224 "Control of Cracking in Concrete Structures". In general, for typical flatwork, joints would be required every 24 to 36 times the concrete thickness.

6.8 Pavements

6.8.1 Flexible Pavements

Recommendations for the design of flexible asphalt concrete pavement sections to accommodate vehicular traffic were developed in accordance with the procedures outlined in the latest edition of the Caltrans Highway Design Manual. The Caltrans design method uses Traffic Indices (TI) to represent anticipated wheel loads and frequency of usage for a given design life. A design life of 20 years is typically used in California. Factors such as surface and subsurface drainage have an effect on the overall life of a pavement section.

An R-value of 10 was obtained from a laboratory test on a sample of typical existing near-surface onsite materials. Therefore, an R-value of 10 was used for determining the design sections. Based on assumed Traffic Index values of 4.0, 4.5, 5.0, 6.0 and 7.0, the following resulting structural asphalt concrete (AC)/ aggregate base (AB) pavement sections were developed based on the provided TI values.

Table 7: Recommended Pavement Design Alternatives

Traffic Index	Asphalt Concrete (in.)	Class 2 AB (in.)	Total Section (in.)
4.0	2.5	7.0	9.5
4.5	2.5	9.0	11.5
5.0	2.5	10.0	12.5
	4.0	7.0	11.0
6.0*	3.5	12.0	15.5
	4.0	11.0	15.0
7.0	4.0	15.0	19.0

* Suitable for fire truck loading (i.e., fire lane)

Asphalt concrete pavement should be designed and constructed per Caltrans standards. The asphalt pavement should be placed in minimum 1½-inch thick compacted lifts and maximum three-inch thick lifts.

In areas where pavements will abut planted areas, the pavement aggregate base layer, pavement section subgrade soils and trench backfill should be protected against saturation. Planned concrete curbs should extend at least to the bottom of the aggregate base layer, forming a concrete barrier between the landscaped areas and the pavement section.

Minimizing subgrade saturation is an important factor in maintaining subgrade strength. Water allowed to pond on or adjacent to pavements could saturate the subgrade and cause premature pavement deterioration. The pavement should be sloped to provide rapid surface drainage, and positive surface drainage should be maintained away from the edge of the paved areas. Design alternatives that could reduce the risk of subgrade saturation and improve long-term pavement performance include crowning the pavement subgrades to drain toward the edges, rather than to the center of the pavement areas; and installing surface drains next to any areas where surface water could pond, should be considered. Properly designed and constructed subsurface drainage will reduce the time subgrade soils are saturated and can improve subgrade strength and performance.

Periodic maintenance extends the service life of the pavement and should include crack sealing, surface sealing and patching of any deteriorated areas. Also, thicker pavement sections could be used to reduce the required maintenance and extend the service life of the pavement. The owner/user should consider placing signs at entryways to deter heavy-duty trucks from light duty pavement areas, or by extending concrete curbs to a depth of three inches below the pavement subgrade.

6.8.2 Play Yard Pavements

Recommended pavement sections presented in Section 6.8.1 do not necessarily apply to asphalt concrete pavements intended for play yards and only occasional light vehicle traffic. Where such pavements are completely sealed from moisture penetration, a lighter pavement section such as a two-inch thick layer of AC overlying six inches of AB may be appropriate for use. Pavement subgrades should be moisture conditioned and compacted in accordance with Section 6.7.2 prior to pavement section construction, unless the subgrade soils are lime treated prior to pavement construction.

6.8.3 Rigid Pavements

As an alternative to a flexible pavement section, new pavement areas may consist of rigid concrete pavement, which in addition to our subgrade preparation recommendations presented for slabs-on-grade, should be designed and constructed in accordance with American Concrete Institute (ACI) 330R-08 – *Guide for Design and Construction of Concrete Parking Lots*. A modulus of subgrade reaction of 100 pci was assumed in our analysis. In addition, our design assumes that rigid pavements would be restrained laterally by concrete walls or curbs, and that the concrete will have a compressive strength of at least 3,600 psi.

Based on these assumptions, the table below shows minimum rigid pavement sections for a 20-year pavement life and maximum spacing between joints, for vehicle parking areas, with the design loading condition to be selected by the designing civil engineer.

Table 8: Rigid Pavement Design Alternatives

Traffic Categories	Design ADTT*	Pavement Components		Total Thickness (inches)	Contraction Joints Maximum Spacing (feet)
		Portland Cement Concrete (inches)	Caltrans Class 2 Aggregate Base (inches)		
Vehicle Parking Areas	1	4.5	6.0	10.5	10
Single-Unit Truck Lanes and Parking Areas	25	6.0	6.0	12.0	15
Heavy Parking Areas and Driveway Entrances, Fire Access Road**	300	7.0	12.0	19.5	15

*ADTT = Average daily truck traffic in both directions (vehicles with at least six wheels; excludes panel trucks, pickup trucks, and other four-wheel vehicles)

** Suitable for a 75,000 pound (75 kip) fire truck and 12,500-pound (12.5 kip) wheel (point) load

Reinforcing steel or fiber mesh may be used for shrinkage crack control, if desired. In addition, maximum spacing should be provided between contraction joints on both directions.

6.9 Stormwater Infiltration Design Considerations

If the project is subject to Provision C.3 of the Bay Area Municipal Regional Stormwater Permit (MRP), post-construction stormwater controls would be required as part of the project. Stormwater infiltration treatment systems utilizing measures such as biofiltration swales or planters, or pervious pavements or pavers should be designed considering the typical infiltration rates characteristic of the onsite surficial soils. The near-surface soils at the site were found to typically consist of sandy clay material, and would likely be categorized as Hydrologic Soil Group “C” or “D” soils (USDA, 2007). In such a case where the infiltration rates may be too low to accommodate infiltration of collected stormwater into the underlying soils, the use of a subdrainage layer consisting of an appropriate permeable material will be required.

In general, biofiltration swales or basins should not be placed directly adjacent to building perimeters in order to minimize impact on the long-term performance of foundations. If such features must be constructed adjacent to foundations, the filter material should not be located within the footing zone of influence, considered to be the zone below an imaginary 1.5:1 (horizontal to vertical) plane projected downward from the bottom edge of the adjacent building footing. In addition, the bottom of the bioswale or biofiltration area should include a perforated subdrain pipe to carry collected infiltration water away from the foundations.

Biofiltration swales should generally be placed a minimum of five feet away from pavements or exterior flatwork in order to reduce potential impacts on these features such as settlement or lateral movement. Where concrete curbs are located adjacent to bioswale or other filtration features, the loose biofiltration material should not be located within a zone below an imaginary 1:1 (horizontal to vertical) plane projected downward from the bottom edge of the adjacent curb. Curbs adjacent to deeper biofiltration features may also be designed as retaining walls with the bottom of the wall deriving passive resistance from soils below the adjacent biofiltration medium. Retaining walls may be designed assuming an ultimate lateral active pressure of 35 pcf EFP.

6.10 Plan Review

The geotechnical foundation and construction-related recommendations made in this report, were developed without the benefit of the grading plans. We recommend that Atlas be provided the opportunity to review the final project plans prior to construction. The purpose of this review is to assess the general compliance of the plans with the recommendations provided in this report and confirm the incorporation of these recommendations into the project plans and specifications.

6.11 Observation and Testing During Construction

We recommend that Atlas be retained to provide observation and testing services during site preparation, mass grading, underground utility construction, foundation excavation, and to observe final site drainage. This is to observe compliance with the design concepts, specifications and recommendations, and to allow for possible changes in the event that subsurface conditions differ from those anticipated prior to the start of construction.

7.0 LIMITATIONS AND UNIFORMITY OF CONDITIONS

The recommendations of this report are based upon the soil and conditions encountered in the borings. If variations or undesirable conditions are encountered during construction, Atlas should be contacted so that supplemental recommendations may be provided.

This report is issued with the understanding that it is the responsibility of the owner or his representatives to see that the information and recommendations contained herein are called to the attention of the other members of the design team and incorporated into the plans and specifications, and that the necessary steps are taken to see that the recommendations are implemented during construction.

The findings and recommendations presented in this report are valid as of the present time for the development as currently proposed. However, changes in the conditions of the property or adjacent properties may occur with the passage of time, whether by natural processes or the acts of other persons. In addition, changes in applicable or appropriate standards may occur through legislation or the broadening of knowledge. Accordingly, the findings and recommendations presented in this report may be invalidated, wholly or in part, by changes outside our control. Therefore, this report is subject to review by Atlas after a period of three (3) years has elapsed from the date of issuance of this report. In addition, if the currently proposed design scheme as noted in this report is altered Atlas should be provided the opportunity to review the changed design and provide supplemental recommendations as needed.

Recommendations are presented in this report which specifically request that Atlas be provided the opportunity to review the project plans prior to construction and that we be retained to provide observation and testing services during construction. The validity of the recommendations of this report assumes that Atlas will be retained to provide these services.

This report was prepared upon your request for our services, and in accordance with currently accepted geotechnical engineering practice. No warranty based on the contents of this report is intended, and none shall be inferred from the statements or opinions expressed herein.

The scope of our services for this report did not include an environmental assessment or investigation for the presence or absence of wetlands or hazardous or toxic materials in the soil, surface water, groundwater or air, on, below or around this site. Any statements within this report or on the attached Plates, logs or records regarding odors noted or other items or conditions observed are for the information of our client only.

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Publications may have been used as general reference and not specifically cited in the report text.

PLATES

Plate 1 – Vicinity Map

Plate 2 – Site Plan

Plate 3 – Areal Geologic Map

Plate 4 – Regional Fault Map

Plate 5 – Cross-Sections A-A' - B-B'

Plate 6 – Seismic Hazard Zones Map

Plate 7 – Regional Flood Hazard Map



2000 ft.

Scale

Contour interval = 25'

San Mateo Quadrangle (2015)



Job No.: 91-59153-PW

Approved: AL

Date: 07.29.2021

VICINITY MAP




New Multi-Purpose Building
Meadow Heights Elementary School
2619 Dolores Street, San Mateo, California 94403

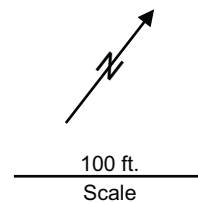
Plate

1



EXPLANATION

- B-1**  Approximate Location Boring 1
-  (P) Multi-Purpose Room
- A**  **A'** Cross Section A-A'



Google Map Data (2021)

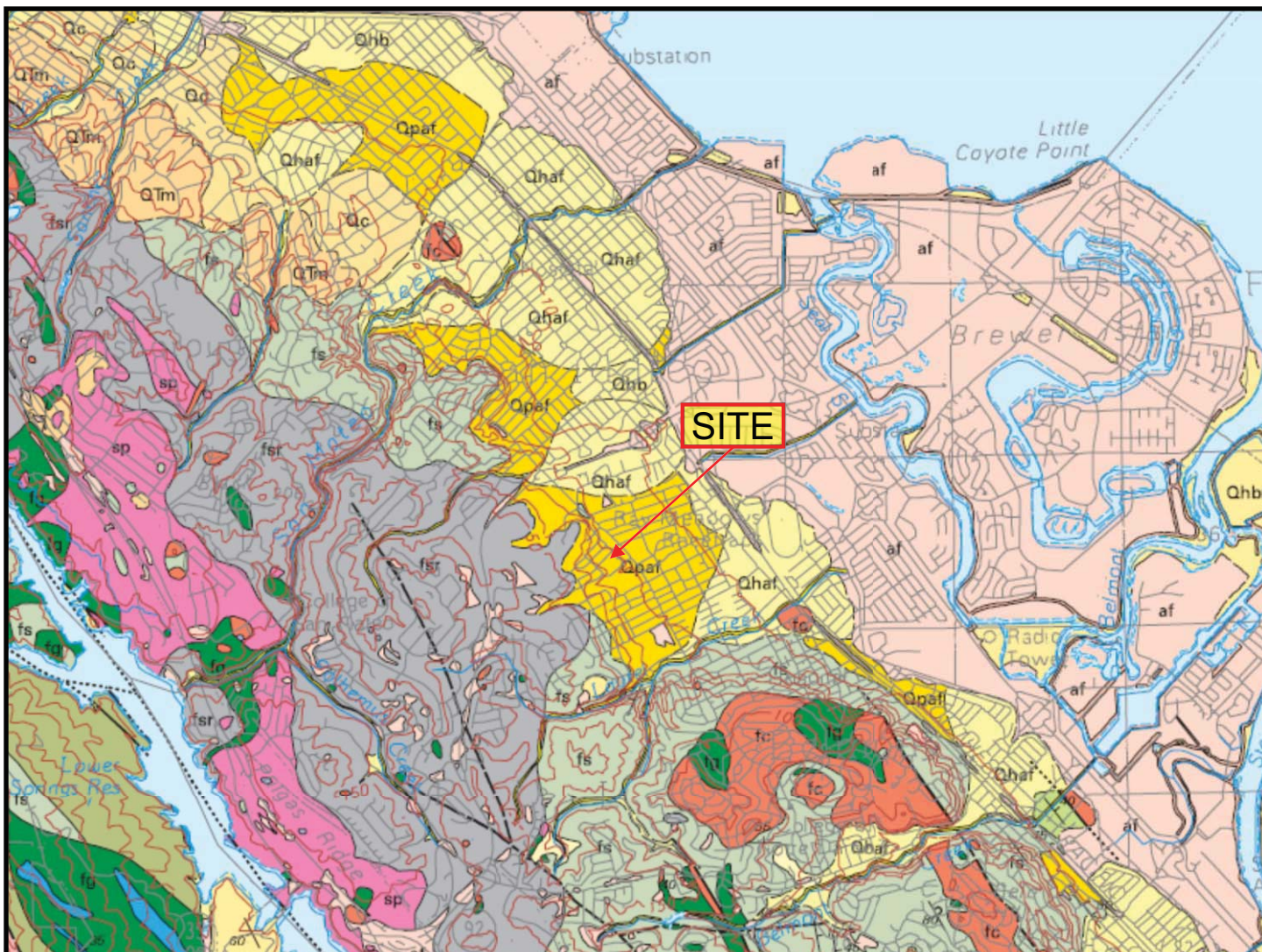


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SITE PLAN

New Multi-Purpose Building
 Meadow Heights Elementary School
 2619 Dolores Street, San Mateo, California 94403

Plate
2



EXPLANATION

UNITS

af	Artificial Fill
Qhb	Basin Deposits (Holocene)
Qhaf	Alluvial Fan & Fluvial Deposits (Holocene)
Qc	Colluvium
Qpaf	Alluvial Fan & Fluvial Deposits (Pleistocene)
QTm	Merced Formation
fs	Sandstone
fg	Greenstone
fsr	Sheared Rock (mélange)
sp	Serpentine

SYMBOLS

	Geologic Contact
	Fault - Dashed where approximately located, small dashed where inferred, dotted where concealed, queried where location is uncertain
	Photo-lineament - in sea cliffs, controlled by jointing; elsewhere, most likely controlled by faulting

N

1 mile

Scale

Contour interval = 164'
Brabb and others (1998)

ATLAS

Job No.: 91-59153-PW

Approved: AL

Date: 07.29.2021

AREAL GEOLOGIC MAP

New Multi-Purpose Building
Meadow Heights Elementary School
2619 Dolores Street, San Mateo, California 94403

Plate


3

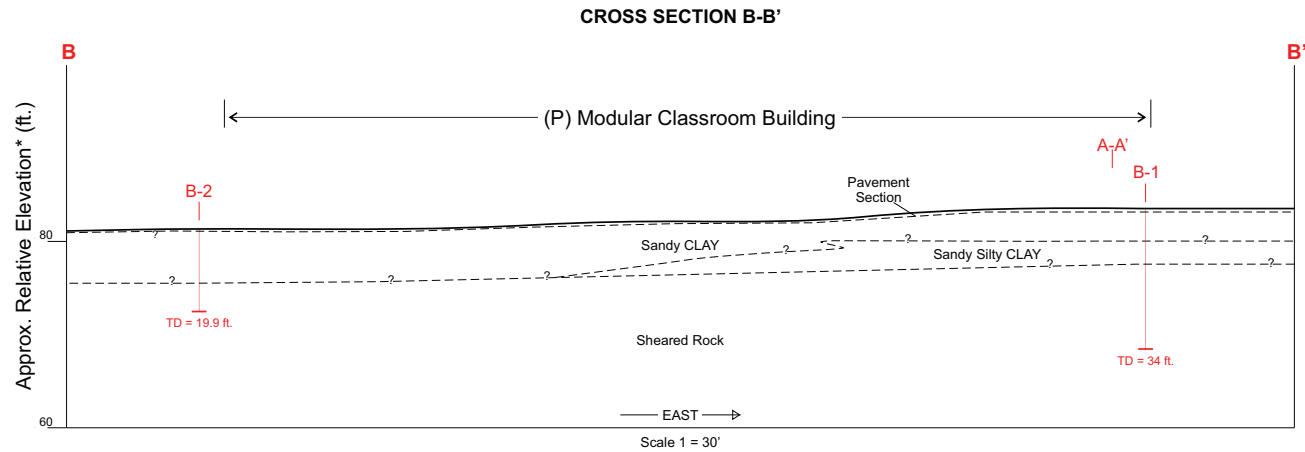
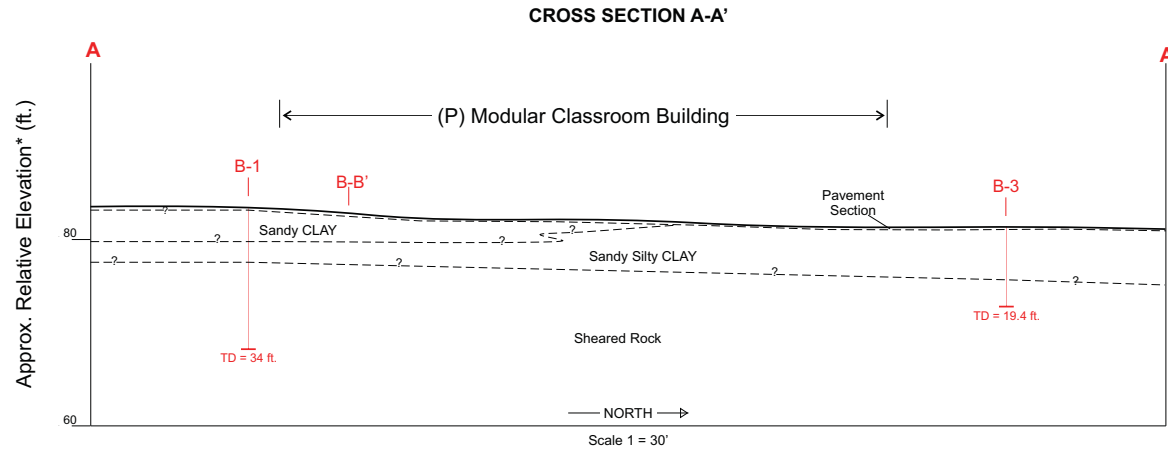


0 5 10 20 mi




National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp. | USGS

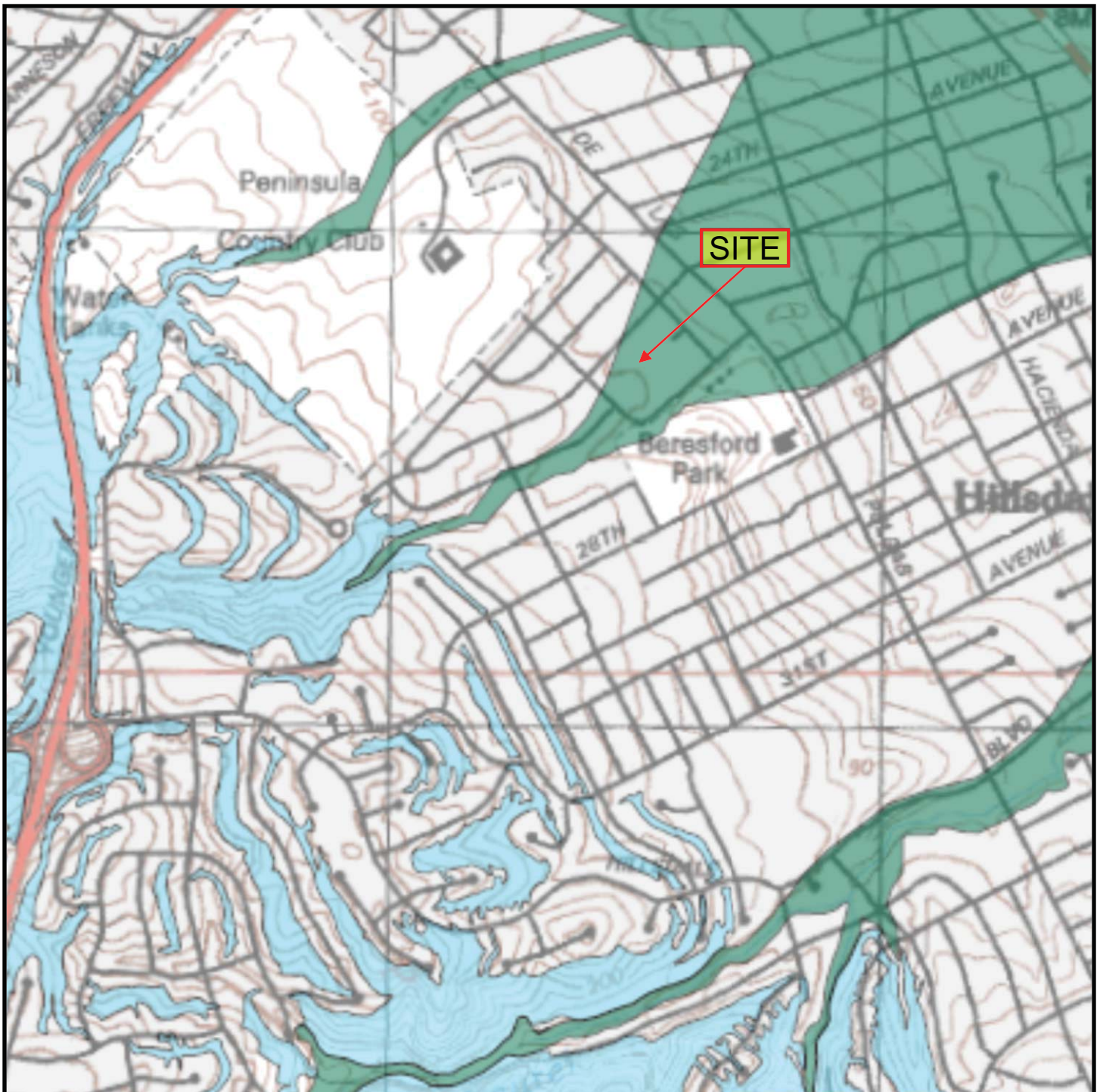
	Job No.: 91-59153-PW Approved: AL Date: 07.29.2021	REGIONAL FAULT MAP New Multi-Purpose Building Meadow Heights Elementary School 2619 Dolores Street, San Mateo, California 94403	Plate 4
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EXPLANATION

— ? — - Inferred Geologic Contact

	Job No.: 91-59153-PW	CROSS SECTIONS A-A' - B-B' New Multi-Purpose Building Meadows Elementary School 2619 Dolores Street, San Mateo, California 94403	Plate 5
	Approved: AL		
	Date: 07.29.2021		



EXPLANATION



LIQUEFACTION
Areas where historical occurrence of liquefaction, or local geological, geotechnical and ground water conditions indicate a potential for permanent ground displacements such that mitigation would be required.



EARTHQUAKE-INDUCED LANDSLIDES
Areas where previous occurrence of landslide movement, or local topographic, geological, geotechnical and subsurface water conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required.



1000 ft.

Scale

Contour Interval 25 ft.

San Mateo Quadrangle (CGS, 2018)



Job No.: 91-59153-PW

Approved: AL

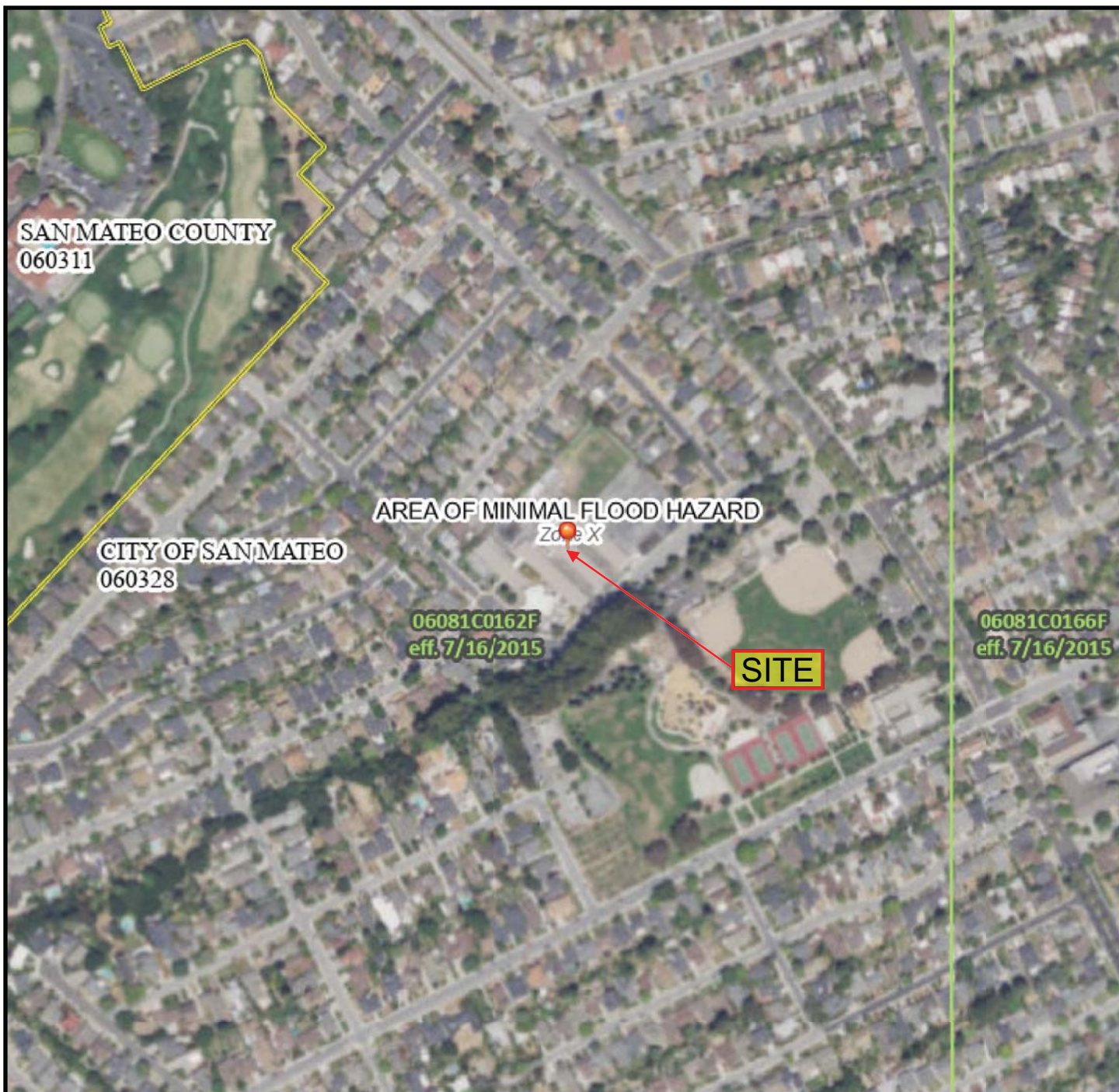
Date: 07.29.2021

SEISMIC HAZARD ZONES MAP

New Multi-Purpose Building
Meadow Heights Elementary School
2619 Dolores Street, San Mateo, California 94403

Plate

6



EXPLANATION

NO SCREEN

Area of Minimal Flood Hazard, Zone X

N

500 ft.
Scale

FEMA (effective 07.16.2015)

ATLAS

Job No.: 91-59153-PW

Approved: AL

Date: 07.29.2021

REGIONAL FLOOD HAZARD MAP

New Multi-Purpose Building
Meadow Heights Elementary School
2619 Dolores Street, San Mateo, California 94403















Plate

7

APPENDIX A

FIELD EXPLORATION

Key to Boring Log Symbols
Boring Logs (B-1 through B-3)

UNIFIED SOIL CLASSIFICATION (ASTM D-2487)						
Material Types	Criteria for Assigning Soil Group Names			Group Symbol	Soil Group Names	Legend
Coarse Grained Soils >50% Retained on No. 200 Sieve	Gravels >50% of Coarse Fraction Retained on No 4 Sieve	Clean Gravels <5% Fines	Cu≥4 and 1≤Cc≤3	GW	Well-Graded Gravel	
		Gravels with Fines >12% Fines	Cu<4 and/or [Cc<1 or Cc>3]	GP	Poorly-Graded Gravel	
			Fines Classify as ML or MH	GM	Silty Gravel	
			Fines Classify as CL or CH	GC	Clayey Gravel	
	Sands ≥50% of Coarse Fraction Passes on No. 4 Sieve	Clean Sands <5% Fines	Cu≥6 and 1≤Cc≤3	SW	Well-Graded Sand	
		Sands and Fines >12% Fines	Cu<6 and/or [Cc<1 or Cc>3]	SP	Poorly-Graded Sand	
			Fines Classify as ML or MH	SM	Silty Sand	
			Fines Classify as CL or CH	SC	Clayey Sand	
Fine Grained Soils ≥50% Passes No. 200 Sieve	Silts and Clays	Inorganic	PI>7 and Plots≥"A" Line	CL	Lean Clay	
			PI<4 and Plots<"A" Line	ML	Silt	
	Liquid Limits<50	Organic	LL (Oven Dried)/LL(Not Dried <0.75)	OL	Organic Silt	
			Silts and Clays	Inorganic	PI Plots≥"A" Line	CH
	PI Plots<"A" Line	MH			Elastic Silt	
	Liquid Limits≥50	Organic	LL (Oven Dried)/LL(Not Dried <0.75)	OH	Organic Clay	
Highly Organic Soils		Primarily Organic Matter, Dark in Color and Organic Odor		PT	Peat	

PENETRATION RESISTANCE (RECORDED AS BLOWS/0.5 FEET)				
SAND AND GRAVEL		SILT AND CLAY		
RELATIVE DENSITY	N-VALUE (BLOWS/FOOT)*	CONSISTENCY	N-VALUE (BLOWS/FOOT)*	COMPRESSIVE STRENGTH
Very Loose	0 - 3	Very Soft	0 - 1	0 - 0.25
Loose	4 - 10	Soft	2 - 4	0.25 - 0.50
Medium Dense	11 - 29	Medium Stiff	5 - 7	0.50 - 1.0
Dense	30 - 49	Stiff	8 - 14	1.0 - 2.0
Very Dense	50 +	Very Stiff	15 - 29	2.0 - 4.0
		Hard	30 +	Over 4.0

SOIL MOISTURE	
DESCRIPTOR	DESCRIPTION
Dry	Dry of Standard Proctor Optimum
Damp	Sand Dry
Moist	Near Standard Proctor Optimum
Wet	Wet of Standard Proctor Optimum
Saturated	Free Water in Sample

PARTICLES SIZES	
COMPONENTS	SIZE OR SIEVE NUMBER
Boulders	Over 12 Inches
Cobbles	3 to 12 Inches
Gravels	-Coarse 3/4 to 3 Inches
	-Fine Number 4 to 3/4 Inch
Sand	-Coarse Number 10 to Number 4
	-Medium Number 40 to Number 10
	-Fine Number 200 to Number 40
Fines (Silt and Clay)	Below Number 200



Grab Bulk Sample



Initial Water Level Reading



Standard Penetration Test



Final Water Level Reading



2.5 Inch Modified California



Rock Core



Shelby Tube

Blow Count

The number of blows of the sampling hammer required to drive the sampler through each of three 6-inch increments. Less than three increments may be reported if more than 50 blows are counted for any increment. The notation 50/5" indicates 50 blows recorded for 5 inches of penetration.

N-Value

Number of blows 140 LB hammer falling 30 inches to drive a 2 inch outside diameter (1-3/8 inch I.D) split barrel sampler the last 12 inches of an 18 inch drive (ASTM-1586 Standard Penetration Test)

CU - Consolidated Undrained triaxial test completed. Refer to laboratory results
DS - Results of Direct Shear test in terms of total cohesion (C, KSF) or effective cohesion and friction angles (C', KSF and degrees)

LL - Liquid Limit

PI - Plasticity Index

PP - Pocket Penetrometer test

TV - Torvane Shear Test results in terms of undrained shear strength (KSF)

UC - Unconfined Compression test results in terms of undrained shear strength (KSF)

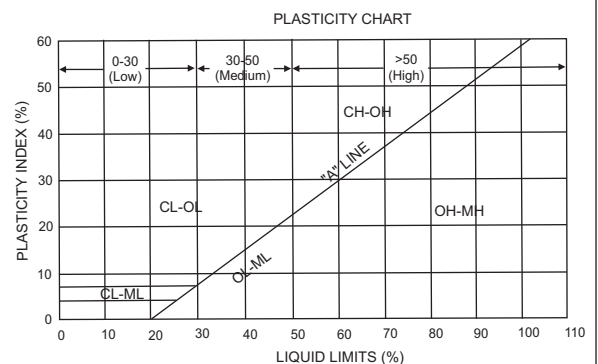
#200 - Percent passing number 200 sieve

Cu - Coefficient of Uniformity

Cc - Coefficient of Concavity

General Notes

- The boring locations were determined by pacing, sighting and/or measuring from site features. Locations are approximate. Elevations of borings (if included) were determined by interpolation between plan contours or from another source that will be identified in the report or on the project site plan. The location and elevation of borings should be considered accurate only to the degree implied by the method used.
- The stratification lines represent the approximate boundary between soil types. The transition may be gradual.
- Water level readings in the drill holes were recorded at time and under conditions stated on the boring logs. This data has been reviewed and interpretations have been made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall, tides, temperature and other factors at the time measurements were made.
- The boring logs and attached data should only be used in accordance with the report.



KEY TO EXPLORATORY BORING LOGS



AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0												
		3" AC 3" AB (CL) SANDY CLAY : Hard, dark brown, moist, med-high plasticity.	MC 1-1		9-12-20 (32)	2.8	106	18	42	15	27	
5		becomes brown, higher sand content, higher moisture.	MC 1-2		7-16-18 (34)	3.3	117	16				
		higher sand content.	MC 1-3		7-7-9 (16)	2.3		17				50
10		(CL) SANDY SILTY CLAY : Very stiff, brown with orange stain, high moisture, med plasticity.	MC 1-4		5-7-9 (16)	0.75						
15		SHEARED ROCK : Highly weathered, yellowish orange brown, pocket of red stain, 2" shale fragment.	MC 1-5		10-12-33 (45)		118	16				
20		becomes orange brown, completely weathered.	SPT 1-6		14-18-23 (41)							
25		becomes completely weathered, appears clayey sand, orange brown, minor structured.	SPT 1-7		21-30-50/5"							
30		becomes highly weathered mudstone, sample pulverized.	SPT 1-8		50/5"							
		becomes grey, blocky.	SPT 1-9		50							
Bottom of borehole at 34.0 feet.												

**BORING NUMBER B-2**

PAGE 1 OF 1

CLIENT San Mateo - Foster City School DistrictPROJECT NAME Meadow Hieghts ES - New Multi-Purpose BuildingPROJECT NUMBER 91-59153-PWPROJECT LOCATION 2619 Dolores St, San Mateo, California 94403DATE STARTED 6/17/21COMPLETED 6/17/21GROUND ELEVATION 83 ftHOLE SIZE 8"DRILLING CONTRACTOR Exploration Geoservices Inc.

GROUND WATER LEVELS:

DRILLING METHOD HSA B-53AT TIME OF DRILLING --- No groundwater encountered.LOGGED BY ALCHECKED BY CDAT END OF DRILLING ---NOTES Elevations based on Google Earth.AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0												
		3" AC 4" AB (CL) SANDY CLAY : Very stiff, dark brown, moist, med-high plasticity.	MC 2-1		5-8-13 (21)	0.50	106	16				59
5		becomes hard, orange brown, moist, 2" gravel, some shale fragment.	MC 2-2		12-14-33 (47)		117	15				
10		becomes very stiff, brown with orange stain, higher moisture, higher sand content.	MC 2-3		5-8-7 (15)	1.0	110	19				
15		SHEARED ROCK : Highly weathered, orange brown/grey mottled, black spots, 1" firm sandstone at shoe.	MC 2-4		14-17-33 (50)		113	15				
		becomes orange brown & grey, closely laminated.	SPT 2-5		16-26-50/5"							

Bottom of borehole at 19.9 feet.

**BORING NUMBER B-3**

PAGE 1 OF 1

CLIENT San Mateo - Foster City School DistrictPROJECT NAME Meadow Hieghts ES - New Multi-Purpose BuildingPROJECT NUMBER 91-59153-PWPROJECT LOCATION 2619 Dolores St, San Mateo, California 94403DATE STARTED 6/17/21COMPLETED 6/17/21GROUND ELEVATION 83 ftHOLE SIZE 8"DRILLING CONTRACTOR Exploration Geoservices Inc.

GROUND WATER LEVELS:

DRILLING METHOD HSA B-53AT TIME OF DRILLING --- No groundwater encountered.LOGGED BY ALCHECKED BY CDAT END OF DRILLING ---NOTES Elevations based on Google Earth.AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	ADJUSTED SPT BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0												
		<u>3" AC</u> <u>4" AB</u> (CL) <u>SANDY CLAY</u> : Very stiff, dark brown, moist, med-high plasticity. becomes brown.	MC 3-1		5-7-12 (19)	2.5	115	17				
5			MC 3-2		9-10-12 (22)	0.75 2.0	115	17	28	13	15	
10		becomes orange brown & grey, residual soil, trace fragments.	MC 3-3		12-11-16 (27)	3.0	110	18				
15		<u>SHEARED ROCK</u> : Highly weathered, orange brown & grey, some fraible sandstone fragments.	MC 3-4		8-12-23 (35)							
		becomes friable, trace fragments.	SPT 3-5		22-50/5"							

Bottom of borehole at 19.4 feet.

APPENDIX B

LABORATORY TEST RESULTS

Atterberg Limits Results
Particle Size Distribution Report
Unconsolidated-Undrained Triaxial Compression Test
R-Value Test Report
Corrosivity Tests Summary

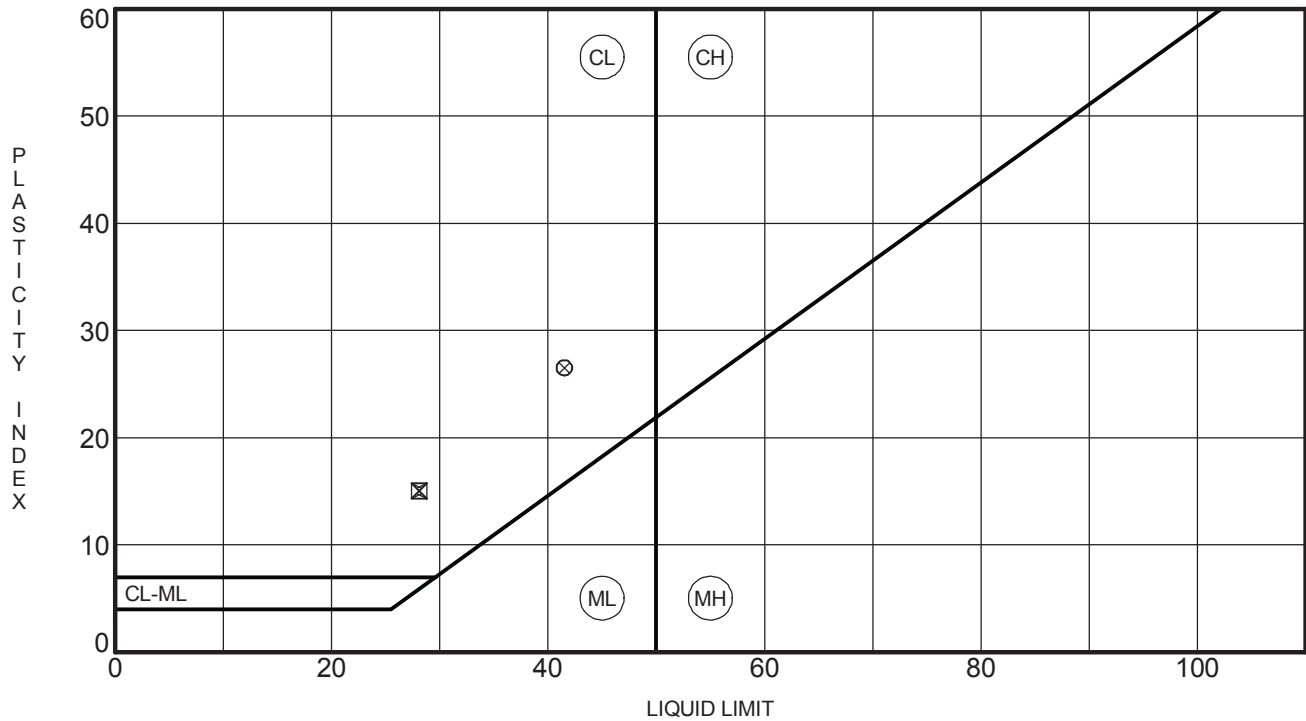
ATTERBERG LIMITS RESULTS

CLIENT San Mateo - Foster City School District

PROJECT NAME Meadow Hieghts ES - New Multi-Purpose Building

PROJECT NUMBER 91-59153-PW

PROJECT LOCATION 2619 Dolores St, San Mateo, California 94403

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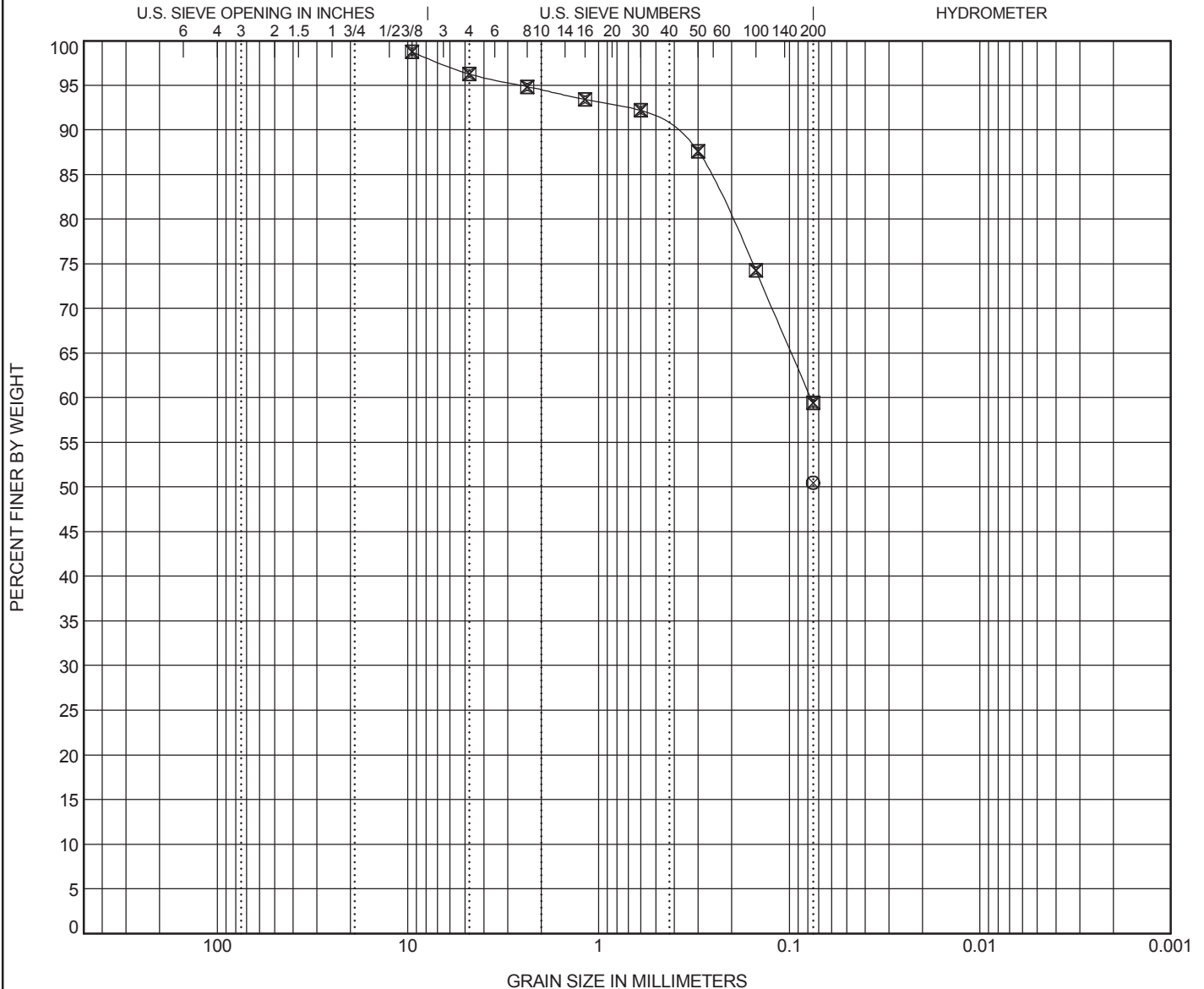
PARTICLE SIZE DISTRIBUTION

CLIENT San Mateo - Foster City School District

PROJECT NAME Meadow Hieghts ES - New Multi-Purpose Building

PROJECT NUMBER 91-59153-PW

PROJECT LOCATION 2619 Dolores St, San Mateo, California 94403

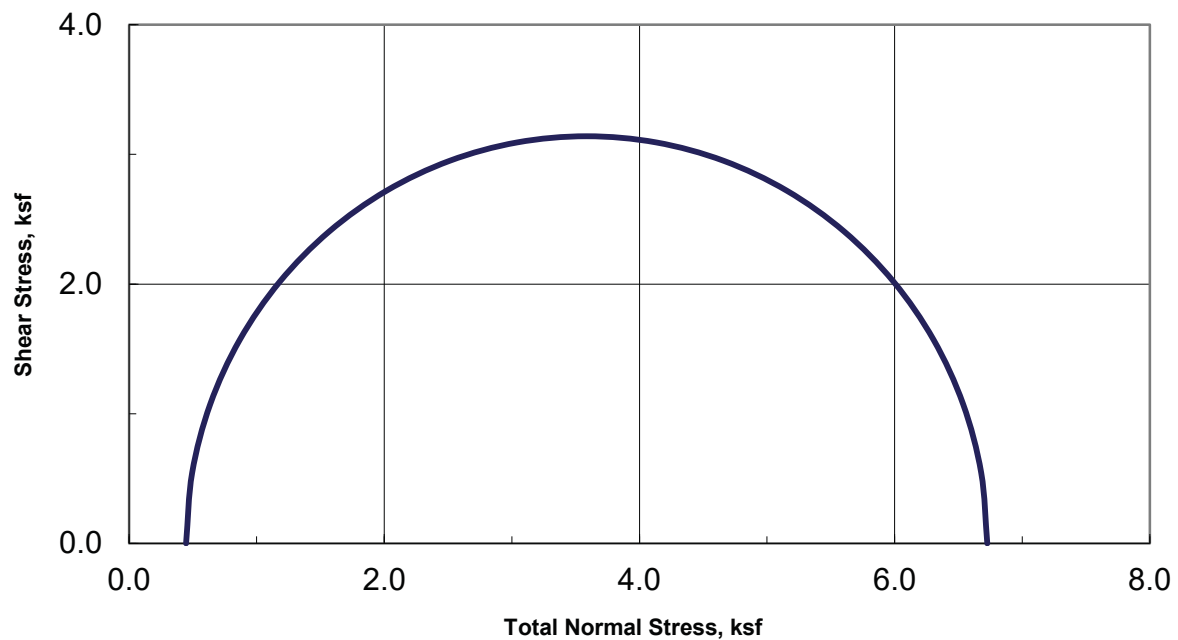


COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

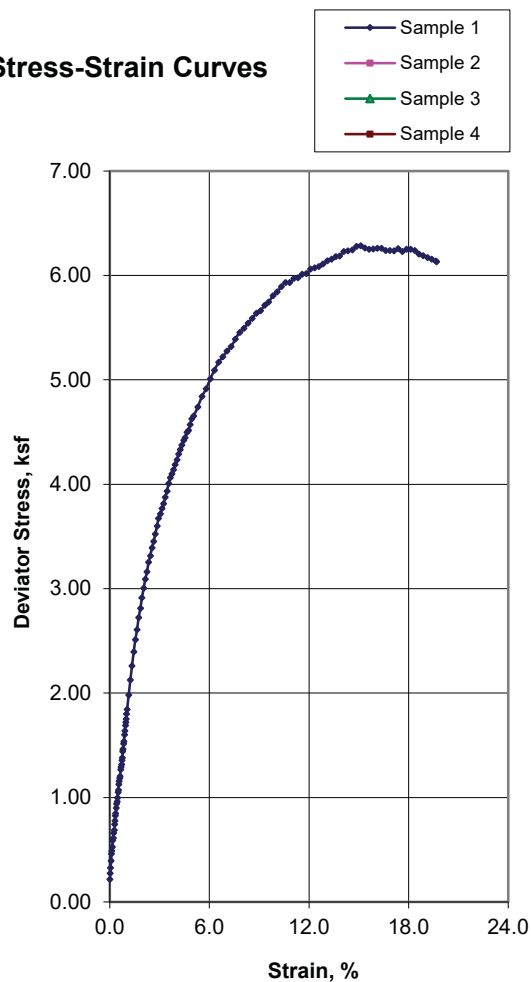
Specimen Identification		Classification				LL	PL	PI	Cc	Cu
⊗	B-1 Depth: 7.5'	(CL) Sandy CLAY								
⊗	B-2 Depth: 4.5'	(CL) Sandy CLAY								
Specimen Identification		D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay	
⊗	B-1 Depth: 7.5'	0.075						50.5		
⊗	B-2 Depth: 4.5'	9.5	0.077			2.5	36.9	59.4		



Unconsolidated-Undrained Triaxial Test ASTM D2850



Stress-Strain Curves



Sample Data

	1	2	3	4
Moisture %	16.6			
Dry Den,pcf	114.9			
Void Ratio	0.467			
Saturation %	96.0			
Height in	5.00			
Diameter in	2.40			
Cell psi	3.1			
Strain %	15.00			
Deviator, ksf	6.279			
Rate %/min	1.00			
in/min	0.050			
Job No.:	1108-023			
Client:	Atlas			
Project:	91-59153-PW			
Boring:	3			
Sample:	3-1			
Depth ft:	2.5			

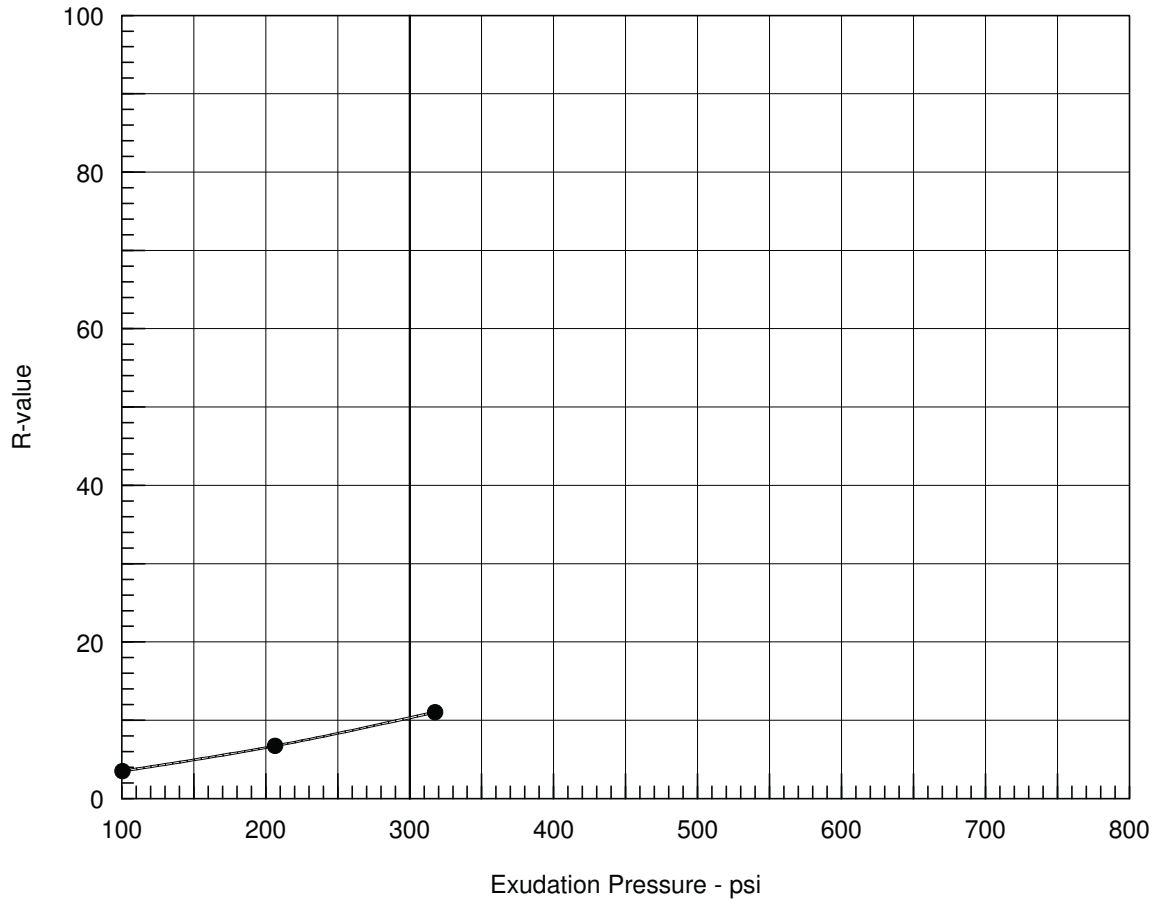
Visual Soil Description

Sample #	
1	Dark Brown Sandy CLAY
2	
3	
4	

Remarks:

Note: Strengths are picked at the peak deviator stress or 15% strain which ever occurs first per ASTM D2850.

R-VALUE TEST REPORT



Resistance R-Value and Expansion Pressure - ASTM D2844

No.	Compact. Pressure psi	Density pcf	Moist. %	Expansion Pressure psi	Horizontal Press. psi @ 160 psi	Sample Height in.	Exud. Pressure psi	R Value	R Value Corr.
1	35	104.1	17.8	0.00	148	2.56	100	3	4
2	35	110.2	16.8	0.00	139	2.54	207	7	7
3	55	111.5	15.9	0.00	133	2.50	318	11	11

Test Results	Material Description
R-value at 300 psi exudation pressure = 10	Dark Brown Sandy Clay Sampled by A. Lim on 6/17/2021
Project No.: 9159153PW Project: Meadow Height ES- New Multi Purpose Bldg (GES-GHR) Location: B-3 , 1'-5' Sample Number: 10S210708-2 Date: 7/8/2021	Tested by: JS Checked by: GL Remarks:
R-VALUE TEST REPORT CONSOLIDATED ENGINEERING LABORATORIES	Figure 10S210708-2



Remarks:

[illegible]



September 1, 2023

San Mateo-Foster City School District
1170 Chess Drive
Foster City, California 94404

Attention: Mr. Mark L. Sherrill | Construction Project Manager

**Subject: Clarification of Geotechnical Recommendations
Meadow Heights Elementary School - New Multi-Purpose Building
2619 Dolores Street, San Mateo, California 94403
Atlas Project No. 91-59153-PWA**

References: 1) *Geotechnical Engineering and Geologic Hazards Study, Meadow Heights Elementary School – New Multi-Purpose Building, 2619 Dolores Street, San Mateo, California 94403*, prepared by Atlas Technical Consultants LLC, dated July 30, 2021.

Dear Mr. Sherrill:

As requested on behalf of the San Mateo-Foster City School District (District) by the project design team in order to satisfy Division of State Architect (DSA) plan check comments, **Atlas Technical Consultants LLC (Atlas)** has prepared this letter to clarify our geotechnical recommendations for foundation design of the new Multi-Purpose Building (MPB) at Meadow Heights Elementary School in San Mateo, California.

Geotechnical design criteria and recommendations for the MPB were developed and previously presented in our most recent Geotechnical Engineering and Geologic Hazards Study prepared for the project (Reference 1). We understand DSA plan check comments regarding the project structural plans require clarification and response via submittal of a supplemental letter from the project Geotechnical Engineer-of-Record.

FOUNDATION DESIGN RECOMMENDATIONS

The following geotechnical recommendations are intended to clarify our recommendations presented in our 2021 report, in response to DSA backcheck review comments on plan sheet 2.S-001, by Lionakis, dated August 9, 2023. Other recommendations presented in our 2021 report should be assumed to continue to apply, except where superseded by the recommendations presented in this letter.

Revision to Table 6: Allowable Bearing Pressures for Spread Footings

DSA comments noted that the word “seismic” was left out of Table 6. As confirmation, see the revised version of the table below.

Table 6 (revised): Allowable Bearing Pressures for Spread Footings

Load Condition	Allowable Bearing Pressure (psf)
Dead Load	3,000
Dead plus Live Loads	4,500
Total Loads (including wind or seismic)	6,000

Ultimate Bearing Capacity for Allowable Stress Design (ASD) of Footings

If Allowable Stress Design (ASD) is used by the structural engineer, the allowable bearing pressure for all loads (including seismic) shall be limited to the recommended ultimate bearing capacity (i.e., 9,000 psf) divided by the applicable overstrength factor.

Should you or members of the design team have questions or need additional information, please contact the undersigned at corey.dare@oneatlas.com. We greatly appreciate the opportunity to be of continuing service to the District.

Sincerely,

ATLAS TECHNICAL CONSULTANTS LLC



Corey T. Dare, PE, GE
Principal Geotechnical Engineer



Distribution: PDF to Addressee: msherrill@smfc.k12.ca.us
PDF to Ms. Danielle Smith: danielle.smith@lionakis.com

NAA/CTD:pmf

GENERAL CIVIL NOTES

GENERAL:

- ALL PERMITS WILL BE SECURED BY THE OWNER AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY WITH THE CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR DAMAGE RESULTING FROM THEIR FAILURE TO DO SO.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.
- THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR THE POLICE, FIRE AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF THE JOB SITE.
- LENGTHS OF SANITARY SEWERS AND STORM DRAINS SPECIFIED ARE HORIZONTAL DISTANCES AS MEASURED FROM CENTERS OF STRUCTURES ROUNDED TO THE NEAREST FOOT.
- EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL PERFORM AT THEIR EXPENSE A FIELD OBSERVATION LOCATING ALL EXISTING UTILITIES INCLUDING ELEVATIONS AND NOTIFY THE OWNER AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTING LOCATIONS OF UTILITIES SHOWN ON THESE PLANS. ANY ADDITIONAL COST INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF THE EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR.
- CONTRACTOR TO VERIFY ALL EXISTING INVERT ELEVATIONS FOR STORM DRAIN AND SANITARY SEWER CONSTRUCTION PRIOR TO ANY WORK. ALL WORK FOR STORM DRAIN AND SANITARY SEWER INSTALLATION SHALL BEGIN AT THE DOWNSTREAM CONNECTION POINT. THIS WILL ALLOW FOR ANY NECESSARY ADJUSTMENTS TO BE MADE PRIOR TO THE INSTALLATION OF THE ENTIRE LINE. IF THE CONTRACTOR FAILS TO BEGIN AT THE DOWNSTREAM CONNECTION POINT AND WORKS UPSTREAM, HE SHALL PROCEED AT HIS OWN RISK AND BE RESPONSIBLE FOR ANY ADJUSTMENTS NECESSARY.
- CONTRACTOR SHALL UNCOVER AND EXPOSE ALL EXISTING UTILITY AND SEWER LINES WHERE THEY ARE CROSSED ABOVE OR BELOW BY THE NEW FACILITY BEING CONSTRUCTED IN ORDER TO VERIFY THE GRADE AND TO ASSURE THAT THERE IS SUFFICIENT CLEARANCE. PIPES SHALL NOT BE STRUNG NOR TRENCHING COMMENCED UNTIL ALL CROSSINGS HAVE BEEN VERIFIED FOR CLEARANCE. IF THE CONTRACTOR FAILS TO FOLLOW THIS PROCEDURE, HE WILL BE SOLELY RESPONSIBLE FOR ANY EXTRA WORK OR MATERIAL REQUIRED IF MODIFICATIONS TO THE DESIGN ARE NECESSARY.
- ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S SOLE EXPENSE.
- CONTRACTOR TO TAKE NECESSARY PRECAUTIONARY MEASURES TO PREVENT SOIL EROSION AND SEDIMENTATION. EXISTING AND PROPOSED DRAINAGE STRUCTURES TO BE TEMPORARILY COVERED WITH FILTER FABRIC OR EQUAL UNTIL SURROUNDING PAVEMENT IS INSTALLED.
- ANY RELOCATION OF UTILITIES SHALL BE COORDINATED WITH THE OWNER AND CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE OWNER, INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THE OWNER SHALL PAY THE FEES, BONDS, AND FILE THE APPROPRIATE PERMITS FOR ALL SUCH RELOCATION WORK. ALL ON-SITE UTILITY WORK IS THE RESPONSIBILITY OF THE CONTRACTOR (MATERIALS AND INSTALLATION).
- IF ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
- THESE PLANS DO NOT SPECIFY NOR RECOMMEND THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS. ANY PARTY INSTALLING OR USING SUCH MATERIALS OR EQUIPMENT SHALL BE SOLELY RESPONSIBLE FOR ALL INJURIES, DAMAGES, OR LIABILITIES, OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS OR EQUIPMENT. NOTIFY OWNER WHEN DISCOVERING ASBESTOS MATERIALS. REFER TO SPECIFICATION HAZARDOUS MATERIALS PROCEDURES AND CONTROL AND HAZARDOUS MATERIALS ABATEMENT AND CONTROL.
- THE CONTRACTOR SHALL MEET AND FOLLOW ALL (NPDES) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
- CONTRACTOR SHALL ARRANGE, INSTALL, AND PAY FOR ANY TEMPORARY UTILITIES, INCLUDING BUT NOT LIMITED TO TELEPHONE, ELECTRIC, SEWER, WATER, ETC. THE CONTRACTOR IS TO COORDINATE ANY SUCH UTILITY NEEDS WITH THE OWNER.
- ALL SITE AREAS SHALL BE GRADED AT 1% MINIMUM FOR DRAINAGE UNLESS OTHERWISE NOTED OR ALONG FLOWLINES OF CONCRETE LINED GUTTERS AND VALLEY GUTTERS.
- ESTIMATED EARTHWORK QUANTITIES SHOWN ARE APPROXIMATE ONLY AND SHOWN FOR THE PURPOSES OF ESTIMATING GRADING PERMIT FEES. HOHBACH-LEWIN ASSUMES NO LIABILITY FOR THE ACCURACY OF THESE QUANTITIES.
- WHERE EXISTING STRUCTURES ARE TO REMAIN IN CONSTRUCTION ZONE AREA, CONTRACTOR SHALL ADJUST RIMS OF THESE STRUCTURES, I.E. CATCH BASINS, VALVE BOXES, CLEAN OUTS, UTILITY BOXES, ETC. TO NEW FINISH GRADE.
- CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT FOR NORTHERN CALIFORNIA AT LEAST 48 HOURS (2 WORKING DAY) PRIOR TO COMMENCEMENT OF CONSTRUCTION. (800) 227-2600.
- THE ORGANIC MATERIAL COVERING THE SITE SHALL BE STRIPPED AND STOCKPILED. THE STRIPPINGS SHALL BE USED TO BACKFILL ALL LANDSCAPE PLANTERS AND ROUGH GRADE MOUND AREAS, AS SHOWN ON LANDSCAPE DRAWINGS. TO WITHIN 1" OF GRADES SHOWN. EXCESS STRIPPINGS AND EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR.
- ADJUSTMENTS TO PAD ELEVATIONS OR PARKING LOT GRADES TO ACHIEVE EARTHWORK BALANCE SHALL BE MADE ONLY WITH APPROVAL OF THE ENGINEER.
- COMPACTION TO BE DETERMINED USING ASTM D1557-LATEST EDITION.
- STORM DRAIN PIPES DESIGNATED AS SD FROM 4" TO 24" IN DIAMETER SHALL BE SDR-35 P.V.C. (GREEN-TITE PIPE BY MANVILLE OR APPROVED EQUAL). CLASS HDPE SMOOTH INTERIOR PIPE PER ASTM D3212 HANCOCK SURE-LOK W/ PIPE OR APPROVED EQUAL WITH CLASS 1 BACKFILL OR DUCTILE IRON PIPE DIP. IF SPECIFIED ON PLANS, NO MATERIAL SUBSTITUTE SHALL BE ALLOWED FOR DUCTILE IRON PIPE. ANY PIPES LARGER THAN 24" IN DIAMETER SHALL BE CLASS II REINFORCED CONCRETE PIPE RCP. P.V.C PIPE EXCEEDING 24" DIAMETER SHALL ONLY BE USED WHEN APPROVED BY MANUFACTURER IN THIS JURISDICTION.
- PROPOSED SPOT GRADES (ELEVATIONS) SHOWN HEREON ARE FINISHED PAVEMENT GRADES, NOT TOP OF CURB GRADES, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL VERIFY THE CONTENTS AND THICKNESS OF THE BUILDING SLAB SECTION (IE. CONCRETE, SAND, ROCK) WITH THE STRUCTURAL PLANS AND THE ELEVATIONS SHOWN HEREON PRIOR TO COMMENCEMENT OF GRADING.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE O.S.H.A. REGULATIONS.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.
- WHERE OFF-SITE DRIVEWAY APPROACHES ARE TO BE CONSTRUCTED THE ON-SITE DRIVEWAY SHALL NOT BE CONSTRUCTED UNTIL THE OFF-SITE IMPROVEMENTS ARE INSTALLED. THE ON-SITE DRIVEWAY SHALL CONFORM TO THE COMPLETED OFF-SITE DRIVEWAY.

GRADING NOTES:

- UNDERGROUND UTILITY LOCATIONS SHOWN HEREON WERE TAKEN FROM RECORD DATA. NO GUARANTEE IS MADE OR IMPLIED AS TO THE ACCURACY OF SUCH RECORD DATA. NO EXCAVATIONS WERE MADE TO CONFIRM LOCATIONS. CONTRACTORS ARE CAUTIONED TO CONTACT U.S.A. UNDERGROUND AND TO EXERCISE EXTREME CARE IN VERIFYING ALL LOCATIONS PRIOR TO COMMENCING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
- IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TRENCHING. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
- ALL FINISH GRADES SHOWN ARE FINISH GRADE ELEVATIONS UNLESS NOTED OTHERWISE.

UTILITY NOTES:

- THIS SURVEY IS NOT INTENDED TO REPRESENT THE EXACT LOCATIONS, SIZES OR EXTENT OF THE UTILITIES WITHIN THE AREA ENCOMPASSED BY THIS SURVEY. THEREFORE, IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO VERIFY THE LOCATION, SIZE AND EXTENT OF ANY EXISTING UTILITIES PRIOR TO DESIGN OR CONSTRUCTION. CONTRACTORS ARE CAUTIONED TO CONTACT U.S.A. UNDERGROUND AND TO EXERCISE EXTREME CARE IN VERIFYING ALL LOCATIONS PRIOR TO COMMENCING EXCAVATIONS OR OTHER WORK WHICH MAY AFFECT THESE UTILITIES.
- IRRIGATION LATERALS, PARKING LOT LIGHTING WIRING AND SIGNAL WIRING NOT SHOWN. VERIFY LOCATION BEFORE COMMENCING TRENCHING. REPLACE OR REPAIR IMMEDIATELY WHERE BROKEN TO PROVIDE UNINTERRUPTED SERVICE.
- UTILITY ABANDONMENT/REMOVAL: DISCONNECT AND CAP PIPES AND SERVICES TO REMAIN. REMOVE ALL PORTIONS OF ALL UTILITIES WITHIN NEW BUILDING FOOTPRINT AND DISPOSE OF OFF-SITE. OTHERWISE ABANDON IN PLACE UNLESS NOTED OTHERWISE.
- NOTIFY THE ENGINEER IMMEDIATELY OF ANY UTILITIES ENCOUNTERED THAT ARE NOT SHOWN ON THE DRAWINGS. PRESERVE AND REPAIR ANY UTILITIES THAT ARE DAMAGED AND THAT ARE TO REMAIN.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CROSSINGS OF NEW UTILITIES WITH EACH OTHER, AND WITH EXISTING UTILITIES. VERIFY EXISTING PIPE LOCATION AND INVERT PRIOR TO INSTALLING NEW UTILITIES. NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR DEVIATIONS.
- PRIOR TO CONNECTING TO EXISTING UTILITIES FIELD VERIFY LOCATION & INVERT OR DEPTH PRIOR TO INSTALLING NEW PIPE OR EQUIPMENT.
- EACH BUILDING WATER SERVICE CONNECTION SHALL BE WITH VALVE AND VALVE BOX SET AT GRADE.
- ALL BUILDING SEWER LATERALS SHALL BE WITH CLEANOUT TO GRADE.
- ALL CATCH BASINS WITHIN VEHICULAR AREAS SHALL BE TRAFFIC RATED FOR H20 VEHICULAR LOADS. FOR CATCH BASINS IN WALKWAY AREAS, INCLUDING EXISTING CATCH BASINS, USE HEEL PROOF AND ADA GRATE.

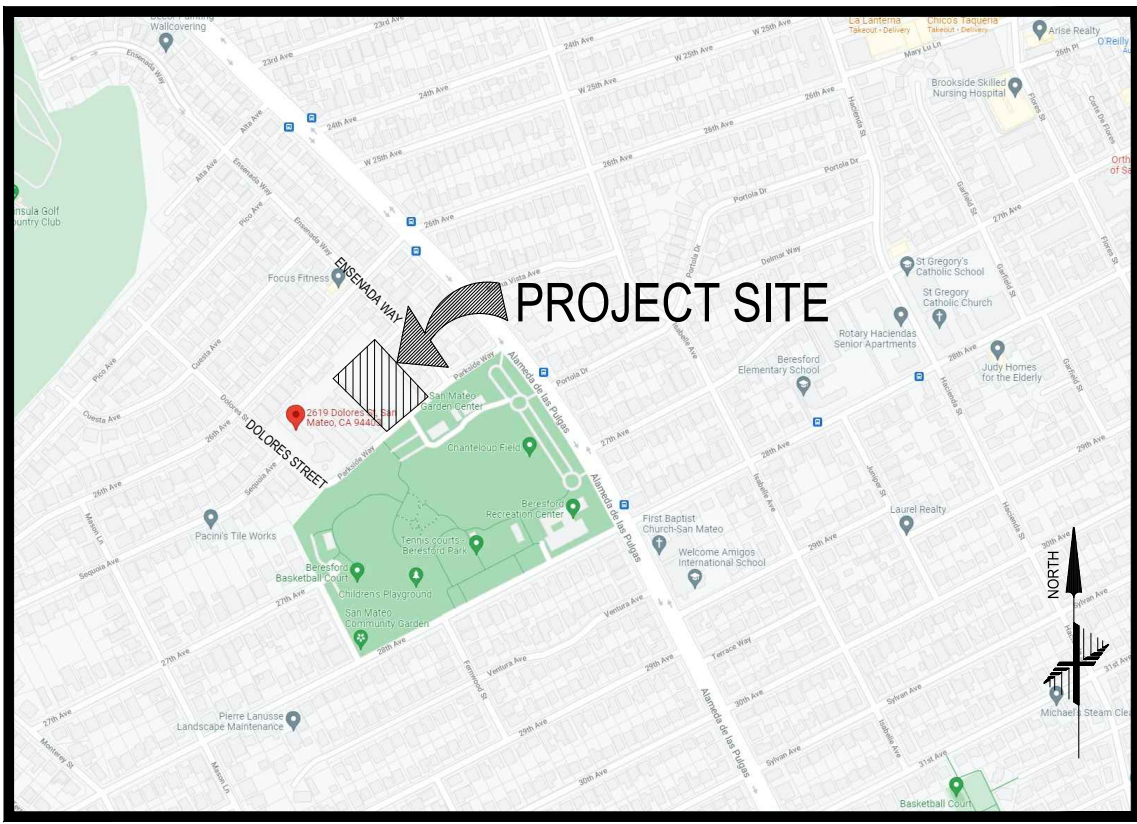
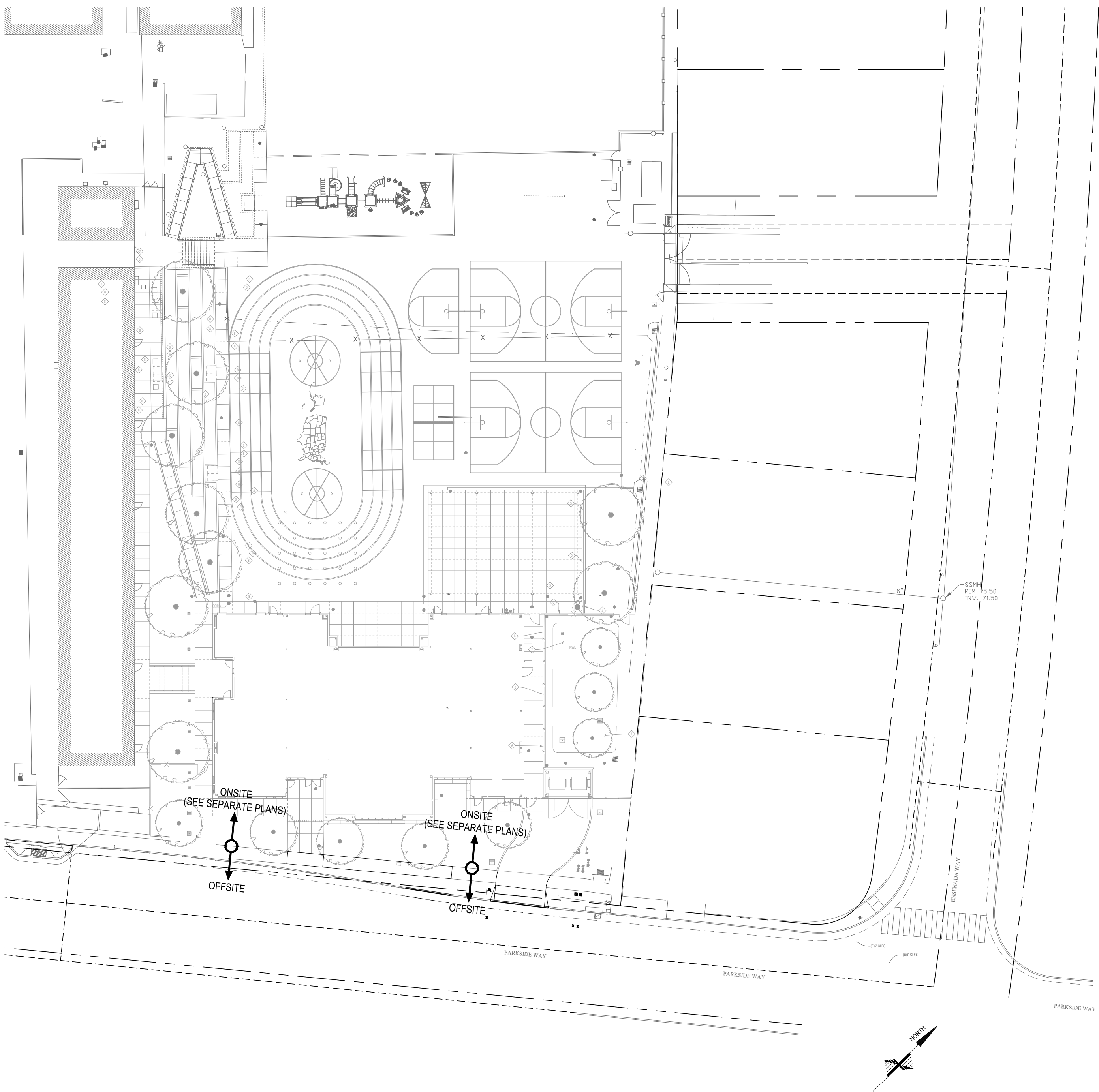
ADA COMPLIANCE:

- ALL NEW WORK SHALL CONFORM TO TITLE 24 OF THE CALIFORNIA ADMINISTRATIVE CODE AND THE AMERICANS WITH DISABILITIES ACT 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN, AND ANY LOCAL OR STATE AMENDMENTS THEREOF.
- ALL NEW CURB RAMPS SHALL NOT EXCEED A SLOPE OF 1:12 (8.33%).
- ALL NEW ENTRANCE WALKS TO THE BUILDINGS SHALL NOT EXCEED A SLOPE OF 1:20 (5%) LONGITUDINALLY UNLESS RAILINGS ARE PROVIDED IN WHICH CASE THE SLOPE SHALL NOT EXCEED 1:12 (8.33%). SEE ARCHITECTURAL PLANS FOR RAILING REQUIREMENTS.
- LANDINGS SHALL BE PROVIDED AT PRIMARY ENTRANCES TO BUILDINGS WITH A 2% MAXIMUM SLOPE. THE LANDINGS SHALL HAVE A MINIMUM WIDTH OF 60" AND A MINIMUM DEPTH OF 60" WHEN THE DOOR OPENS INTO THE BUILDING, AND 42" PLUS THE WIDTH OF THE DOOR WHEN THE DOOR OPENS ONTO THE LANDING.
- RAMPS ARE DEFINED AS ANY WALKWAY BETWEEN SLOPES OF 1:20 (5%) AND 1:12 (8.33%), AND SHALL HAVE A MINIMUM WIDTH OF 48" AND A MAXIMUM CROSS-SLOPE OF 2%. RAMPS EXCEEDING 30" VERTICAL DROP SHALL HAVE INTERMEDIATE (2% MAXIMUM SLOPE) LANDINGS HAVING A MINIMUM LENGTH IN THE DIRECTION OF TRAVEL OF 60". BOTTOM LANDINGS AND LANDINGS AT CHANGES IN RAMP DIRECTION SHALL HAVE A MINIMUM LENGTH OF 72".
- MAXIMUM CROSS-SLOPE ON ANY SIDEWALK OR RAMP SHALL BE 2%. MAXIMUM SLOPE IN ANY DIRECTION WITHIN PARKING STALLS DESIGNATED AS ACCESSIBLE PARKING STALL SHALL BE 2%.

GEOTECHNICAL CRITERIA:

- ALL WORK INCLUDING GRADING, TRENCHING, COMPACTION, AND SUBBASES SHALL FOLLOW THE RECOMMENDATIONS OF THE PROJECT GEOTECHNICAL REPORT.
- ALL ENGINEERED FILL SHALL HAVE A MINIMUM RELATIVE COMPACTION PER PROJECT GEOTECHNICAL REPORT.

IMPROVEMENT PLANS
FOR
MEADOW HEIGHTS ES - OFF-SITE
2619 DOLORES STREET
SAN MATEO, CA 94403



VICINITY MAP

LEGEND

BOUNDARY LINES	
	CENTER LINE
	EASEMENT LINE
	PROPERTY LINE
	ADJACENT PROPERTY LINE
MISCELLANEOUS LINES	
	SIDEWALK
	LIP OF GUTTER
	FENCE-WIRE
	BIORETENTION AREA
UTILITY LINES	
	ELECTRIC
	FIBER OPTIC
	FIRE SERVICE
	GAS LINE
	IRRIGATION LINE
	JOINT TRENCH
	NITROGEN GAS
	OVERHEAD
	RECYCLED WATER
	STORM DRAIN
	SANITARY SEWER
	TELEPHONE
	WATER

UTILITY LEGEND

	FIRE HYDRANT
	WATER VALVE
	WATER METER
	BACKFLOW PREVENTER
	CATCH BASIN
	AREA DRAIN
	CLEANOUT TO GRADE
	FIRE DEPARTMENT CONNECTION
	POST INDICATOR VALVE
	THRUST BLOCK

ABBREVIATIONS

AB	AGGREGATE BASE
AW	ASPHALTIC CONCRETE
AD	AREA DRAIN
ATT	AT&T
BC	BACK OF CURB
BEP	BACKFLOW PREVENTER
BLDG	BUILDING
BOL	BOLLARD
BOW	BACK OF WALK
BW	BOTTOM OF WALL
BWFS	BOTTOM OF WALL/FINISHED SURFACE
C	CONCRETE
CATV	CABLE TV
CB	CATCH BASIN
CONC	CONCRETE
COTG	CLEANOUT TO GRADE
D	DRAIN INLET
DS	DOWN SPOUT
E	ELECTRIC OR EAST
EW	EACH WAY
EX	EXISTING
(E)	EXISTING
ELEC	ELECTRIC
ESMT	EASEMENT
G	GAS
GB	GRADE BREAK
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
FM	FORCE MAIN
FNC	FENCE
FS	FINISHED SURFACE
GRN	GROUND
HP	HIGH POINT
INV	INVERT
JP	JOINT POLE
LF	LINEAR FEET
LIP	LIP OF GUTTER
LT	LIGHT
M	MAPS
N	NORTH
NE	NORTHEAST
NTS	NOT TO SCALE
NW	NORTHWEST
OC	ON CENTER
OH	OVERHEAD
OR	OF RECORD
PERF	PERFORATED PIPE
PGE	PACIFIC GAS & ELECTRIC
POC	POINT OF CONNECTION
PV	PAVEMENT
RC	RELATIVE COMPACTION
RW	RECYCLED WATER
RM	RIM OF UTILITY OBJECT
S	SOUTH
SD	STORMDRAIN
SE	SOUTHEAST
SJWC	SAN JOSE WATER COMPANY
SS	SANITARY SEWER
SL	STREET LIGHT
SW	SOUTHWEST
T	TREE
TC	TOP OF CURB
TW	TOP OF WALL
TWFS	TOP OF WALL/FINISHED SURFACE
TYP.	TYPICAL
UN	UNLESS OTHERWISE NOTED
USA	UNDERGROUND SERVICE ALERT
VG	VALLEY GUTTER
W	WATER
WM	WATER WEST/WITH
WTR	WATER
WW	WATER VALVE

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OS-C6.0	DETAILS

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(650) 617-5930, Fax (650) 617-5932

SEAL



PROJECT

MEADOW HEIGHTS
OFF-SITE

2619 DOLORES ST.
SAN MATEO, CA 94403

CLIENT

SAN MATEO FOSTER CITY SCHOOL DISTRICT
1170 CHESS DRIVE FOSTER CITY, CA 94404

ISSUED

MARK	DATE	DESCRIPTION
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MANAGEMENT

LIONAKIS PROJECT NO.	021068
DSA APPLICATION NO.	01-120016
COPYRIGHT:	

TITLE

COVER SHEET

SHEET

OS-C1.0



DISCLAIMER: TOPOGRAPHIC INFORMATION, INCLUDING PROPERTY LINES, EASEMENTS, EXISTING GRADES, EXISTING UTILITIES LOCATIONS, ETC., SHOWN ARE FOR GENERAL REFERENCE ONLY AND HAVE BEEN PROVIDED BY OTHERS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY HOHBACH-LEWIN, INC.

CAUTION:

1. THE LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS PLAN WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. (A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES). CONTRACTOR SHALL VERIFY LOCATION AND DEPTH PRIOR TO ANY EXCAVATION OR IMPROVEMENT.
2. CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT FOR LOCATION OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION-PHASE (800) 642-2444. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY WORK ON THIS SITE.
3. THESE DRAWINGS DO NOT ADDRESS CONTRACTOR MEANS, METHODS OR PROCESSES THAT MAY BE ASSOCIATED WITH ANY TOXIC SOLIDS IF FOUND ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL CITY AND COUNTY STANDARDS AND APPROPRIATE REGULATIONS IF TOXIC SOLIDS ARE ENCOUNTERED. CONTRACTOR MUST NOTIFY THE OWNERS PROJECT MANAGER IMMEDIATELY IF ANY SOLIDS ARE EVEN SUSPECTED OF BEING CONTAMINATED.

GENERAL SITE NOTES:

1. CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING ON THIS WORK AND CONSIDER THE EXISTING CONDITIONS AND SITE CONSTRAINTS IN THE BID. CONTRACTOR SHALL BE IN THE POSSESSION OF AND FAMILIAR WITH ALL APPLICABLE GOVERNING AGENCIES STANDARD DETAILS AND SPECIFICATIONS PRIOR TO SUBMITTING OF A BID.
2. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO ALL APPLICABLE GOVERNING AGENCIES STANDARD DETAILS & SPECIFICATIONS.
3. CONTRACTOR AND HIS/HER SUB-CONTRACTORS SHALL BE IN POSSESSION AND FAMILIAR WITH THE GEOTECHNICAL REPORT AND SUPPLEMENTAL, GEOTECHNICAL RECOMMENDATIONS BY ATLAS TECHNICAL CONSULTANTS LLC, DATED: 07/30/2021, PROJECT NO. 91-59153-PW AND DATED: 02/11/2022, PROJECT NO. 91-59153-A, RESPECTIVELY.
4. PRIOR TO BEGINNING WORK, AND AFTER INITIAL HORIZONTAL CONTROL, STAKING, CONTRACTOR SHALL FIELD CHECK ALL ELEVATIONS MARKED WITH (E) AND REPORT ANY DISCREPANCIES GREATER THAN .05 TO OWNERS PROJECT MANAGER.
5. DAMAGE TO ANY EXISTING SITE IMPROVEMENTS, UTILITIES AND/OR SERVICES TO REMAIN SHALL BE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
6. CONTRACTOR SHALL REPLACE ALL STRUCTURES AND GRATE LIDS FOR VAULTS, CATCH BASINS, ETC., WITH VEHICULAR-RATED STRUCTURES IN ALL TRAFFIC ACCESSIBLE AREAS.
7. CONTRACTOR SHALL MAINTAIN THE EXISTING SITE IN A SAFE AND USABLE MANNER SUCH THAT EMERGENCY VEHICLE ACCESS IS AVAILABLE AT ALL TIMES. CONTRACTOR TO SUPPLY, INSTALL, AND MAINTAIN ALL NECESSARY FENCING, GATES, SIGNAGE, TEMPORARY WALKWAYS, AND PROVISIONS FOR ENSURING THE PROJECTS SECURITY AND SAFE PASSAGEWAY AROUND IT BY CAMPUS STAFF, STUDENTS AND VISITORS AT ALL TIMES.
8. CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY & REQUIRED PERMITS FOR THIS WORK.
9. NOTIFICATION PRIOR TO THE START OF THE WORK MUST BE GIVEN TO THE UNDERGROUND SERVICE ALERT (USA).
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING APPROVAL FROM DISTRICT PERSONNEL AND PROJECT ARCHITECT FOR THE LOCATION OF ALL STAGING, STORAGE, CONSTRUCTION OFFICE AND LAY DOWN AREAS.
11. CONSTRUCTION HOURS TO BE VERIFIED AND APPROVED BY DISTRICT AND LOCAL AGENCIES.
12. CONTRACTOR MUST HAVE OWNERS REPRESENTATIVE OR ENGINEER/ARCHITECT FIELD REVIEW AND APPROVE FORMWORK PRIOR TO PLACING SITE CONCRETE FOR CURBS, RAMPS, STAIRS, WALKS, DRIVEWAYS AND RELATED FLATWORK.
13. IF ARCHEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER ON-SITE EXCAVATION, ALL WORK ON THE SITE SHALL BE STOPPED AND THE CITY IMMEDIATELY NOTIFIED, THE COUNTY CORNER & THE NATIVE AMERICAN HERITAGE COMMISSION SHALL ALSO BE NOTIFIED AND PROCEDURES FOLLOWED AS REQUIRED IN APPENDIX "C" OF THE CALIFORNIA ENVIRONMENTAL ACT.
14. CONTRACTOR TO COORDINATE WITH SCHOOL, PERSONNEL, AND ENSURE HIS/HER WORK DOES NOT IMPACT SCHOOL, OPERATION AND TRAFFIC CIRCULATION OF BUSES, EMERGENCY VEHICLES, STAFF AND STUDENT VEHICLES.

SITE MAINTENANCE:

1. CONTRACTOR SHALL: GATHER ALL CONSTRUCTION DEBRIS ON A REGULAR BASIS AND PLACE IT IN A DUMPSTER OR OTHER CONTAINER WHICH IS EMPTIED OR REMOVED ON A REGULAR BASIS. WHEN APPROPRIATE, USE TARPS ON THE GROUND TO COLLECT FALLEN DEBRIS OR SPLATTERS THAT COULD CONTRIBUTE TO STORM WATER RUNOFF POLLUTION.
2. REMOVE ALL DIRT, GRAVEL, RUBBISH, REFUSE, AND GREEN WASTE FROM STREET PAVEMENT AND STORM DRAINS ADJOINING THE SITE. LIMIT CONSTRUCTION ACCESS ROUTES OUTSIDE THE SITE AND PLACE GRAVEL PADS AT THESE LOCATIONS. DO NOT DRIVE VEHICLES AND EQUIPMENT OFF THE PAVED OR GRAVELED AREAS DURING WET WEATHER.
3. SWEEP OR VACUUM THE STREET PAVEMENT AND SIDEWALKS ADJOINING THE PROJECT SITE AND THE ON-SITE PAVED AREAS ON A DAILY BASIS. SCRAPE CAKED-ON MUD AND DIRT FROM THESE AREAS BEFORE SWEEPING. CORNERS AND HARD TO REACH AREAS SHALL BE SWEEP MANUALLY.
4. IF THE STREETS, SIDEWALKS AND/OR PARKING LOT ARE PRESSURE WASHED, DEBRIS MUST BE TRAPPED AND COLLECTED TO PREVENT ENTRY INTO THE STORM DRAIN SYSTEM. NO CLEANING AGENT MAY BE DISCHARGED INTO THE STORM DRAIN. IF ANY CLEANING AGENT OR DEGREASER IS USED, WASH WATER MUST BE COLLECTED AND DISCHARGED TO THE SANITARY SEWER, SUBJECT TO THE APPROVAL OF THE OWNERS PROJECT MANAGER, OR OTHERWISE DISPOSED OF THROUGH APPROVED DISPOSAL METHODS.
5. CREATE A CONTAINED AND COVERED AREA ON THE SITE FOR THE STORAGE OF BAGS, CEMENT, PAINTS, OILS, FERTILIZERS, PESTICIDES, OR OTHER MATERIALS USED ON THE SITE THAT HAVE THE POTENTIAL OF BEING DISCHARGED INTO THE STORM DRAIN SYSTEM THROUGH EITHER BEING WIND-BLOWN OR IN THE EVENT OF A MATERIAL SPILL.
6. NEVER CLEAN MACHINERY, EQUIPMENT OR TOOLS INTO A STREET, GUTTER OR STORM DRAIN.
7. ENSURE THAT CEMENT TRUCKS, PAINTERS, OR STUCCO/PLASTER FINISHING CONTRACTORS DO NOT DISCHARGE WASH WATER FROM EQUIPMENT, TOOLS OR RINSE CONTAINERS INTO GUTTERS OR DRAINS.
8. PREVENT DUST FROM LEAVING THE SITE AND ACCUMULATING ON ADJACENT AREAS AS REQUIRED IN THE DUST CONTROL NOTES ON THIS SHEET.
9. PREVENT SEDIMENT LADEN STORM RUN-OFF FROM LEAVING THE SITE OR ENTERING STORM DRAIN OR SANITARY SEWER SYSTEMS AS REQUIRED IN THE EROSION AND SEDIMENTATION CONTROL NOTES ON THIS SHEET.
10. MAINTAIN EXISTING TREES AND PLANTS THAT ARE TO REMAIN AS REQUIRED BY THE TREE AND PLANT PROTECTION NOTES ON THIS SHEET.

DUST CONTROL:

1. WATER TRUCKS SHALL BE PRESENT AND IN USE AT THE CONSTRUCTION SITE. ALL PORTIONS OF THE SITE SUBJECT TO BLOWING DUST SHALL BE WATERED AS OFTEN AS DEEMED NECESSARY BY THE APPROPRIATE GOVERNMENTAL AGENCY IN ORDER TO ENSURE PROPER CONTROL OF BLOWING DUST FOR THE DURATION OF THE PROJECT.
2. WATERING ASSOCIATED WITH ON-SITE CONSTRUCTION ACTIVITY SHALL TAKE PLACE BETWEEN THE ESTABLISHED CONSTRUCTION HOURS AND SHALL INCLUDE AT LEAST ONE LATE-AFTERNOON WATERING TO MINIMIZE THE EFFECTS OF BLOWING DUST.
3. ALL PUBLIC STREETS AND MEDIANS SOILED OR LITTERED DUE TO THIS CONSTRUCTION ACTIVITY SHALL BE CLEANED AND SWEEP ON A DAILY BASIS DURING THE WORK WEEK, OR AS OFTEN AS DEEMED NECESSARY BY THE OWNERS ENGINEER/INSPECTOR, TO THE SATISFACTION OF THE CITY'S DEPARTMENT OF PUBLIC WORKS.
4. WATERING ON PUBLIC STREETS OR POWER WASHING SEDIMENTATION ON STREETS SHALL NOT OCCUR, UNLESS CONTRACTOR COLLECTS AND FILTERS THE WASH WATER PRIOR TO ITS ENTERING THE CITY'S STORM DRAIN SYSTEM.
5. ON-SITE PAVED ACCESS ROADS, PARKING AREAS, AND STAGING AREAS SHALL BE SWEEP DAILY WITH A WATER SWEEPER.
6. ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS SHALL BE COVERED WITH TARPOLINS OR OTHER EFFECTIVE COVERS.
7. THE SPEED OF ALL VEHICLES DRIVING ON UNPAVED ROADS OR PORTIONS OF THE SITE SHALL BE LIMITED TO 10 MPH.

EROSION AND SEDIMENTATION CONTROL NOTES:

1. EROSION CONTROL MEASURES ARE INTENDED TO PREVENT SEDIMENT AND DEBRIS FROM ENTERING THE CITY, COUNTY STORM DRAIN SYSTEM, SANITARY SEWER SYSTEM OR FROM LEAVING THE SITE. THE CONTRACTOR SHALL MAKE ADJUSTMENTS IN THE FIELD TO MAKE SURE THAT THIS CONCEPT IS CARRIED OUT.
2. EROSION CONTROL FACILITIES AND MEASURES ARE TO BE INSTALLED AND OPERABLE BY OCTOBER 1st AND SHALL CONTINUE IN EFFECT UNTIL DISTURBED AREAS ARE STABILIZED OR UNTIL INSTALLATION OF THE PERMANENT SITE IMPROVEMENTS.
3. CONTRACTOR SHALL ASSUME THE CONCEPTS ON THE EROSION CONTROL PLAN, CS.1, ARE SCHEMATIC MINIMUM REQUIREMENTS, THE FULL EXTENT OF WHICH ARE TO BE DETERMINED BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR THE EXACT DESIGN AND EXTENT OF THE EROSION CONTROL SYSTEM SO THAT IT WORKS WITH THE CONTRACTORS INTENDED USE AND MANAGEMENT OF THE CONSTRUCTION SITE, AND IS APPROVAL BY THE APPROPRIATE GOVERNMENTAL AGENCIES.
4. ALL EROSION CONTROL FACILITIES SHALL BE INSPECTED BY THE CONTRACTOR AND REPAIRED, AS REQUIRED, AT THE CONCLUSION OF EACH WORKING DAY DURING THE RAINY SEASON. THE CONTRACTOR SHALL INSPECT THE EROSION CONTROL FACILITIES AND MAKE NECESSARY REPAIRS PRIOR TO ANTICIPATED STORMS AND AT REASONABLE INTERVALS DURING STORMS OF EXTENDED DURATION. REPAIRS TO DAMAGED FACILITIES SHALL BE MADE IMMEDIATELY UPON DISCOVERY.
5. AS SOON AS PRACTICAL, FOLLOWING EACH STORM, THE CONTRACTOR SHALL REMOVE ANY ACCUMULATION OF SILT OR DEBRIS FROM THE EROSION CONTROL, SEDIMENT BASINS AND SHALL CLEAR THE OUTLET PIPES OF ANY BLOCKAGE.
6. PROVISION SHALL BE MADE TO ASSURE THAT BORROW AREAS AND STOCK PILED SOILS ARE PROTECTED FROM EROSION WITH EROSION CONTROL MEASURES SATISFACTORY TO THE APPROPRIATE GOVERNMENTAL AGENCIES.
7. ALL STOCKPILE MATERIALS SHALL BE COVERED AND PROTECTED FROM THE ELEMENTS WITH A NON-PERMEABLE PLASTIC MEMBRANE SO AS TO PREVENT SOIL EROSION FROM OCCURRING. THIS COVER SHALL BE SECURED WITH ANCHORS OR WEIGHTS OF SUFFICIENT SIZE AND FREQUENCY TO PREVENT DISRUPTION OR REMOVAL BY WIND OR RAIN. ANCHORAGE AT THE BASE OF THE SLOPE SHALL BE AS INDICATED BY DETAIL ON THIS SHEET. ALL MEMBRANE AND COVERINGS SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR OR HIS REPRESENTATIVE ON A FREQUENT AND REGULAR BASIS, SPECIFICALLY BEFORE AND AFTER ANY INCLEMENT WEATHER, WITH ANY NECESSARY REPAIRS BEING IMMEDIATELY PERFORMED. COVERINGS SHALL REMAIN IN PLACE UNTIL THE STOCKPILE(S) IS READY TO BE REMOVED FROM THE SITE, AT WHICH TIME THEY MAY BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
8. EARTHEN BERM, STRAW-FIBER FILLED TUBES AND/OR GEOTEXTILE FABRIC BARRIER (SILT FENCING) SHALL BE CONSTRUCTED AS SHOWN TO PREVENT OFF-FLOW OF SEDIMENT-LADEN RUNOFF, OR THE EROSION OF BANKS OR ROADWAYS. ALL SUCH TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR AS SOON AS CONSTRUCTION IS COMPLETED AND VEGETATION IS ESTABLISHED. HAY BALES SHALL NOT BE USED.
9. ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS, SWEEP ON A REGULAR BASIS, TO THE SATISFACTION OF THE ON-SITE INSPECTORS.
10. SWEEP OR VACUUM THE STREET PAVEMENT AND SIDEWALKS ADJOINING THE PROJECT SITE AND THE ON-SITE PAVED AREAS ON A DAILY BASIS OR AS REQUIRED BY THE CITY. SCRAPE CAKED-ON MUD AND DIRT FROM THESE AREAS BEFORE SWEEPING. CORNERS AND HARD TO REACH AREAS SHALL BE SWEEP MANUALLY.
11. PERSON RESPONSIBLE FOR EROSION CONTROL IMPLEMENTATION, TO BE DETERMINED.
12. WHEEL WASHERS SHALL BE INSTALLED AND USED TO CLEAN ALL TRUCKS AND EQUIPMENT LEAVING THE CONSTRUCTION SITE. IF WHEEL WASHERS CANNOT BE INSTALLED, TIRES OR TRACKS OF ALL TRUCKS AND EQUIPMENT SHALL BE WASHED OFF BEFORE LEAVING THE CONSTRUCTION SITE.

TREE/PLANT PROTECTION NOTES:

1. PRIOR TO BEGINNING CONSTRUCTION ON SITE, CONTRACTOR SHALL IDENTIFY, CONFIRM WITH OWNER AND PROTECT EXISTING TREES AND PLANTS DESIGNATED AS TO REMAIN.
2. PROVIDE 6 FOOT TALL TREE PROTECTION FENCE WITH DISTINCTIVE MARKING VISIBLE TO CONSTRUCTION EQUIPMENT, ENCLOSED DRIP LINES OF TREES DESIGNATED TO REMAIN.
3. WORK REQUIRED WITHIN FENCE LINE SHALL BE HELD TO A MINIMUM, AVOID UNNECESSARY MOVEMENT OF HEAVY EQUIPMENT WITHIN FENCED AREA, AND DO NOT PARK ANY VEHICLES UNDER DRIP LINE OF TREES. DO NOT STORE EQUIPMENT OR MATERIALS WITHIN FENCE LINE.
4. PRIOR TO REMOVING ROOTS AND BRANCHES LARGER THAN 2" IN DIAMETER OF TREES OR PLANTS THAT ARE TO REMAIN, CONSULT WITH THE OWNERS PROJECT MANAGER.
5. ANY GRADE CHANGES GREATER THAN 6" WITHIN THE DRIP LINE OF EXISTING TREES SHALL NOT BE MADE WITHOUT FIRST CONSULTING THE LANDSCAPE ARCHITECT / CIVIL ENGINEER.
6. PROTECT EXISTING TREES TO REMAIN FROM SPILLED CHEMICALS, FUEL OIL, MOTOR OIL, GASOLINE AND ALL OTHER CHEMICALLY INJURIOUS MATERIAL, AS WELL AS FROM PULPING OR CONTINUOUSLY RUNNING WATER. SHOULD A SPILL OCCUR, STOP WORK IN THAT AREA AND CONTACT THE CITY'S ENGINEER / INSPECTOR IMMEDIATELY. CONTRACTOR SHALL BE RESPONSIBLE TO MITIGATE DAMAGE FROM SPILLED MATERIAL AS WELL AS MATERIAL CLEAN UP.
7. PROVIDE TEMPORARY IRRIGATION TO ALL TREES AND PLANTS THAT ARE IN OR ADJACENT TO CONSTRUCTION AREAS WHERE EXISTING IRRIGATION SYSTEMS MAY BE AFFECTED BY THE CONSTRUCTION. ALSO PROVIDE TEMPORARY IRRIGATION TO RELOCATED TREES.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ONGOING MAINTENANCE OF ALL TREES DESIGNATED TO REMAIN AND FOR MAINTENANCE OF RELOCATED TREES STOCKPILED DURING CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REPLACE TREES THAT DIE DUE TO LOSS OF MAINTENANCE.
9. CONSULT WITH LANDSCAPE ARCHITECT SHOULD SPECIAL CIRCUMSTANCES ARISE OR QUESTIONS ARISE REGARDING THESE PROCEDURES.

DEMOLITION NOTES :

1. DEMOLITION AND CONSTRUCTION WORK MAY BE PERFORMED OVER THE TOP OF AND AROUND TELEPHONE AND POWER SERVICES. CONTRACTOR SHALL WORK BY HAND IN ALL AREAS WHERE THESE SERVICES MIGHT BE HARMED BY LARGER LESS PRECISE EQUIPMENT.
2. THE CONTRACTOR SHALL LOCATE AND CLEARLY MARK (AND THEN PRESERVE THESE MARKERS) FOR THE DURATION OF CONSTRUCTION OF ALL TELEPHONE, DATA, STREET LIGHT, SIGNAL LIGHT AND POWER FACILITIES THAT ARE IN OR NEAR THE AREA OF CONSTRUCTION.
3. CONTRACTOR'S BID IS TO INCLUDE ALL VISIBLE SURFACE AND ALL SUBSURFACE FEATURES IDENTIFIED TO BE REMOVED OR ABANDONED IN THESE DOCUMENTS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY ACKNOWLEDGE THE EXTENT OF THE DEMOLITION WORK.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION, AND DISPOSAL OF SAID MATERIALS AS REQUIRED BY PRIVATE, LOCAL, AND STATE JURISDICTIONS. THE CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH THE DEMOLITION WORK.
6. CONTRACTOR SHALL PAY DISPOSAL FEES.
7. BACKFILL ALL DEPRESSIONS AND TRENCHES FROM DEMOLITION OF FOUNDATIONS & UTILITIES TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
8. WITHIN LIMITS OF WORK, REMOVE CURBS, GRASSES, LANDSCAPING, SIGNAGE, TREES, SHRUBS, ASPHALT, UNDERGROUND PIPES, ETC. AS INDICATED ON THE DRAWINGS.
9. REMOVAL OF LANDSCAPING SHALL INCLUDE ROOTS AND ORGANIC MATERIALS TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
10. PRIOR TO BEGINNING DEMOLITION WORK ACTIVITIES, CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES OUTLINED IN THE EROSION CONTROL PLAN & DETAILS.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING ALL DEMOLITION MATERIALS, OR STORING SELECTED ITEMS BY OWNER'S REPRESENTATIVE AT DESIGNATED LOCATIONS.
12. ABANDONED UTILITIES WITHIN 6 FEET OF THE PROPOSED BUILDING FOOTPRINT SHOULD BE REMOVED IN THEIR ENTIRETY. UTILITIES OUTSIDE THE BUILDING AREA SHOULD BE REMOVED OR ABANDONED IN PLACE BY LOCATING AND PLUGGING ALL LATERALS AND ENDS OF PIPES WITH CONCRETE, AND THEN FILLING THE ENTIRE PIPE WITH GROUT. REMOVAL OF ANY UTILITIES WILL REQUIRE THAT ALL TRENCHES BE BACKFILLED PER THE SPECIFICATIONS WITH APPROPRIATE TESTS BY THE GEOTECHNICAL ENGINEER TO VERIFY COMPACTION VALUES.

SITE FENCING NOTES :

1. CONTRACTOR SHALL PROVIDE A CONSTRUCTION FENCE AROUND THE ENTIRE AREA OF DEMOLITION AND CONSTRUCTION, INCLUDING ALL STAGING, STORAGE, CONSTRUCTION OFFICE AND LAYDOWN AREAS.
2. FENCE LOCATION MAY BE ADJUSTED FROM TIME TO TIME AS CONSTRUCTION PROCEEDS TO EXCLUDE SOME AREAS WHERE CONSTRUCTION WORK IS NOT BEING DONE AND THE AREA IS NOT OBJECTABLE IN VISUAL APPEARANCE, AT THE DISCRETION AND APPROVAL OF THE DISTRICT STAFF. CONSTRUCTION FENCE SHALL BE A MINIMUM OF 4' HIGH GALVANIZED CHAIN LINK.
3. CONSTRUCTION FENCE ADDRESSED IN THESE NOTES IS TO MEET MINIMUM SEPARATION REQUIREMENTS FROM CONSTRUCTION SITE AND THE CAMPUS. CONTRACTOR IS REQUIRED TO INSTALL ANY ADDITIONAL FENCING, BARRICADES OR OTHER SAFETY DEVICES NEEDED TO KEEP THE SITE SECURE & SAFE AT ALL TIMES.
4. ALL FENCING SHALL BE INSTALLED AT GIVEN LOCATIONS DESIGNATED AND APPROVED BY DISTRICT PERSONNEL, WITH PARTICULAR CARE GIVEN SUCH THAT THE FENCING DOES NOT CREATE A TRAFFIC HAZARD OR NUISANCE, OR RESTRICT CAMPUS CIRCULATION & FIRE EXITING.

GRADING & EARTHWORK NOTES:

1. ALL PAVED AREAS ARE TO SLOPE A MINIMUM OF 1%. ACCESSIBLE STALLS AND LOADING ZONES ARE TO SLOPE AT A MAXIMUM OF 2% IN ANY DIRECTION AND ACCESSIBLE PATHWAYS ARE TO SLOPE AT A MAXIMUM OF 8.33%, WITH A MAXIMUM CROSS-SLOPE OF 2%. ANY AREAS ON THE SITE NOT CONFORMING TO THESE BASIC RULES DUE TO EXISTING CONDITIONS OR DISCREPANCIES IN THE DOCUMENTS ARE TO BE REPORTED TO THE ARCHITECT/ENGINEER PRIOR TO PROCEEDING WITH FORMWORK FOR CURBS AND/OR FLATWORK.
2. CONTRACTOR SHALL DETERMINE EARTHWORK QUANTITIES BASED ON THE TOPOGRAPHIC SURVEY, THE SOILS INVESTIGATION AND THE PROPOSED SURFACE GRADES AND BASE THE BID ACCORDINGLY, ANY DIFFERENCES BETWEEN THE STATE, IN WHICH THE PROJECT SITE IS DELIVERED TO THE CONTRACTOR, AND THESE DOCUMENTS SHOULD BE NOTED TO THE CIVIL ENGINEER.
3. ALL FILL SHALL BE COMPACTED PER THE CONSTRUCTION SPECIFICATIONS AND THE CONTRACTOR SHALL COORDINATE AND COMPLY WITH THE OWNERS TESTING AGENCY TO TAKE THE APPROPRIATE TESTS TO VERIFY COMPACTION VALUES.
4. IMPORT SOILS MUST MEET THE REQUIREMENTS OF THE CONSTRUCTION SPECIFICATIONS.
5. COORDINATE THE PLACEMENT OF ALL SLEEVES FOR LANDSCAPE IRRIGATION WATER AND CONTROL WIRING) AND STREET LIGHTING PRIOR TO THE PLACEMENT OF ANY ASPHALT, BASECOURSE OR CONCRETE SURFACING. SEE LANDSCAPE AND SITE ELECTRICAL DRAWINGS.
6. DO NOT ADJUST GRADES ON THIS PLAN WITHOUT PRIOR WRITTEN APPROVAL OF ARCHITECT & ENGINEER.
7. SPOT ELEVATIONS ARE TO FINISHED SURFACE.
8. TOP OF CONCRETE CURBS ARE 0.50 ABOVE TOP OF PAVING ELEVATIONS, U.N.O.
9. ROUGH GRADING TO BE WITHIN 0.1' AND FINISH GRADES ARE TO BE WITHIN 0.05'.
10. SUBGRADES SHALL BE PROOF ROLLED, OR AS INSTRUCTED PER THE CONSTRUCTION SPECIFICATIONS.
11. CONTRACTOR TO GRADE LANDSCAPED (NON PAVED) AREAS TO A FINISH GRADE OF 0" BELOW PROPOSED FINISH GRADE SHOWN ON THE GRADING PLANS. DISTRICT WILL INSTALL TOP 8 INCHES OF TOPSOIL AND PERFORM FINISH GRADING. CONTRACTOR TO GRADE PLANTER & LANDSCAPED AREAS (NON-PAVED AREAS ADJACENT TO BUILDINGS) TO FINISH GRADE 2" BELOW FINISH FLOOR OR BUILDING. DISTRICT TO INSTALL FINAL FILL MATERIAL, AND INSTALL IRRIGATION SYSTEMS.
12. AFTER STAKING FOR HORIZONTAL CONTROL CONTRACTOR SHALL FIELD CHECK ALL ELEVATIONS MARKED WITH (E) AND REPORT ANY DISCREPANCIES GREATER THAN 0.05 TO ARCHITECT.
13. ALL EXISTING UTILITY STRUCTURES WITHIN THE AREA OF WORK SHALL HAVE THE LIDS, GRATES, COVERS, ETC. ADJUSTED TO BE FLUSH WITH FINISHED GRADES. CONTRACTOR SHALL IDENTIFY ALL SUCH ITEMS BY USE OF THESE PLANS AND THOROUGH FIELD INVESTIGATION.
14. GEOTECHNICAL CONSULTANT TO BE NOTIFIED OF DELIVERY OF ALL IMPORTED SOILS TO SITE FOR HIS/HER INSPECTION AND APPROVAL PRIOR TO PLACING BY CONTRACTOR.

EARTHWORK QUANTITY NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE QUANTITIES OF ALL FORMS OF EARTHWORK ON THIS PROJECT AND BASING THE BID ON THOSE QUANTITIES WITH FULL KNOWLEDGE THAT ADDITIONAL PROCESSES - INCLUDING ENGINEERING - AND QUANTITIES ARE ALSO TO BE INCLUDED IN THE BID PER THE FOLLOWING NOTES.
2. THE CONTRACTOR SHALL MAKE AN INITIAL DETERMINATION OF THE QUANTITIES, BASED ON A DETAILED SITE VISIT, THE TOPOGRAPHIC SURVEY, THE GEOTECHNICAL REPORT, THE FINISH GRADES SHOWN ON THESE DRAWINGS, THE SIZE AND EXTENT OF FOOTINGS, THE PREPARATION AND MATERIALS USED FOR BUILDING SLABS, PAVEMENT SECTIONS, AND THE SIZE AND DEPTH OF UTILITY TRENCHES, INCLUDING THE UTILITY CONTRACTORS ANTICIPATED RE-USE OF EXISTING MATERIAL FOR BACKFILL IF ANY.
3. THE CONTRACTOR SHALL MEET THE GRADES SHOWN ON THE DRAWINGS, ADJUSTING THE AMOUNT OF IMPORT OR EXPORT AS REQUIRED TO DO SO. NO ASSUMPTIONS SHOULD BE MADE ABOUT THE SITE BALANCING. NO ADJUSTMENTS TO THE GRADES SHALL BE PERMITTED UNLESS SPECIFICALLY APPROVED BY THE ARCHITECT/ENGINEER IN WRITING AFTER THE IMPACT OF ANY GRADE CHANGES (IMPACT TO RAMPS, STAIRS, WORK BY OTHERS, ETC.) HAS BEEN THOROUGHLY REVIEWED BY THE ARCHITECT.
4. THE EARTHWORK SPECIFICATIONS AND GEOTECHNICAL REPORT HAVE SPECIFIC REQUIREMENTS FOR BRINGING FILL MATERIAL ONTO THE SITE (IMPORT) SINCE THE EXISTING SOILS ARE NOT SUITABLE FOR FILL MATERIAL IN CERTAIN AREAS. THE EARTHWORK SPECIFICATIONS AND GEOTECHNICAL REPORT MAY IDENTIFY ALTERNATIVES THAT ALLOW TREATMENT OF EXISTING SOILS TO MINIMIZE IMPORT. HOWEVER MEETING THE GRADES SHOWN ON THESE DRAWINGS MUST ALSO BE CONSIDERED WHEN DETERMINING THE METHOD.
5. AFTER THE BID IS AWARDED THE CONTRACTOR SHALL SUBMIT A DETAILED EARTHWORK HANDLING PLAN THAT SHOWS THE INTENT AND LOCATIONS OF EARTH MOVEMENT AND QUANTITIES OF CUT, FILL, IMPORT AND EXPORT AS THE PROJECT WAS BID. PROPOSING ALTERNATIVE PLANS THAT MAY IDENTIFY GRADE ADJUSTMENTS TO MINIMIZE THE DISTANCE SOIL IS MOVED OR TO MINIMIZE IMPORT OR EXPORT WILL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PREPARING AN EARTHWORK PLAN AS BID.

GENERAL UTILITY SYSTEM NOTES :

1. ALL TRENCHES SHALL BE BACKFILLED PER THE SPECIFICATIONS WITH APPROPRIATE TESTS TO VERIFY COMPACTION VALUES.
2. CONTRACTOR SHALL STATE LOCATION OF ABOVE GROUND UTILITY EQUIPMENT (HYDRANTS, TRANSFORMERS, ETC) AND MEET WITH THE APPROPRIATE GOVERNMENTAL AUTHORITY AND PROPER UTILITY AUTHORITY TO REVIEW LOCATION PRIOR TO INSTALLATION. THE APPROPRIATE GOVERNMENTAL AUTHORITY AND PROPER UTILITY AUTHORITY MUST SPECIFICALLY AGREE WITH LOCATION PRIOR TO PROCEEDING WITH THE INSTALLATION.
3. CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY) SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE CONNECTED TO OR CROSSED PRIOR TO THE TRENCHING OR INSTALLATION OF PROPOSED UTILITIES, AND INFORM ENGINEER OF ANY CONFLICTS BEFORE PROCEEDING WITH WORK.
4. CATHODIC PROTECTION IS REQUIRED ON ALL METALLIC FITTINGS AND ASSEMBLIES THAT ARE IN CONTACT WITH THE SOIL. CONTRACTOR IS RESPONSIBLE FOR FULLY ENGINEERING AND INSTALLING THIS SYSTEM AND COORDINATE ANODE AND TEST STATION LOCATIONS WITH OWNERS ENGINEER. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL CORROSION PROTECTION REQUIREMENTS.
5. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INVERTS AND LOCATIONS PRIOR TO BEGINNING ANY WORK ON THIS SITE.
6. ALL DRAINAGE STRUCTURES LOCATED IN VEHICULAR TRAFFIC AREAS SHALL HAVE TRAFFIC RATED COVERS AND BOLT-DOWN GRATES. ALL DRAINAGE STRUCTURES IN PEDESTRIAN ACCESSIBLE AREAS SHALL HAVE ADA APPROVED BOLT-DOWN GRATES.
7. ALL UTILITY STRUCTURES WITHIN THE AREA OF WORK SHALL HAVE THE LIDS, GRATES, COVERS, ETC. ADJUSTED TO BE FLUSH WITH FINISHED GRADES. CONTRACTOR SHALL IDENTIFY ALL SUCH ITEMS BY USE OF THESE PLANS AND FIELD INVESTIGATION.
8. SEE LANDSCAPE LAYOUT PLANS FOR IRRIGATION SLEEVE LOCATIONS.
9. ALL EXISTING UTILITY STRUCTURES (CLEANOUTS, VALVES, BOXES, MANHOLES, CBS, ETC.) SHALL BE RAISED TO FINAL FINISH GRADE AND COMPLETED WITH THE NECESSARY LABOR AND MATERIALS TO BE IN ACCORDANCE WITH DETAILS SHOWN ON THESE PLANS.
10. CLEANOUTS, CATCH BASINS, MANHOLES AND AREA DRAINS ARE TO BE ACCURATELY LOCATED BY THEIR RELATIONSHIP TO THE BUILDING, FLATWORK, BUILDING UTILITIES, AND/OR CURB LAYOUT, NOT BY THE LENGTH OF PIPE SPECIFIED ON THE DRAWINGS, (WHICH IS APPROXIMATE)

GENERAL UTILITY SYSTEM NOTES (Cont.) :

11. SEE ELECTRICAL PLANS FOR SITE ELECTRICAL WORK. ADVISE ENGINEER OF ANY CONFLICTS WITH OTHER UTILITIES PRIOR TO BEGINNING WORK.
12. COMPLETE SYSTEMS: ALL UTILITY SYSTEMS ARE DELINEATED IN A SCHEMATIC MANNER ON THESE PLANS. CONTRACTOR IS TO PROVIDE ALL FITTINGS, ACCESSORIES & WORK NECESSARY TO COMPLETE THE UTILITY SYSTEM SO THAT IT IS FULLY FUNCTIONING FOR THE PURPOSE INTENDED.
13. SEE SPECIFICATION SECTION 01300 FOR SUBMITTAL REQUIREMENTS OF UTILITY COMPONENTS.

SANITARY SEWER NOTES:

1. INSTALL DETECTABLE METALIZED WARNING TAPE APPROXIMATELY 18" BELOW THE SURFACE IN NON-PAVED AREAS, AND AT BOTTOM OF BASECOURSE FOR PAVED AREAS. GREEN, IMPRINTED WITH "CAUTION-SANITARY SEWER LINE BELOW", CALPICO TYPE 2 OR EQUAL.
2. PUBLIC AND PRIVATE SANITARY SEWER MAIN AND SERVICE LINE 4-INCH THROUGH 8-INCH SHALL BE POLYVINYL CHLORIDE (PVC) SDR 26 SEWER PIPE.
3. WHERE CONNECTION IS TO BE MADE TO AN EXISTING SEWER OR STRUCTURE, SAID EXISTING SEWER OR STRUCTURE SHALL BE UNCOVERED AND CHECKED FOR LOCATION AND ELEVATION PRIOR TO STAKING NEW SEWER DEPTH AND LOCATION. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD INFORMATION SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
4. ALL SANITARY SEWER DESIGNED AT 1% OR FLATTER SHALL BE STAKED BY A CIVIL ENGINEER OR LAND SURVEYOR.
5. REFER TO SANITARY SEWER SPECIFICATIONS FOR LABOR AND MATERIAL, TESTING, AND QUALITY CONTROL REQUIREMENTS.
6. MINIMUM SLOPE FOR SITE SANITARY SEWER PIPES SHALL BE PER CURRENT UPC REQUIREMENTS:

4" @ 2%
6" @ 1%
8" & LARGER @ 0.5%

STORM DRAIN NOTES:

1. INSTALL DETECTABLE METALIZED WARNING TAPE APPROXIMATELY 18" BELOW THE SURFACE IN NON-PAVED AREAS, AND AT BOTTOM OF BASECOURSE FOR PAVED AREAS. GREEN, IMPRINTED WITH "CAUTION-STORM DRAIN LINE BELOW", CALPICO TYPE 2 OR EQUAL.
2. PAINT THE TOP OF THE CURBS ADJACENT TO EACH CATCH BASIN INSTALLED UNDER THIS WORK OR ADJACENT TO THIS SITE WITH THE WORDS "NO DUMPING - DRAINS TO BAY". WORDING TO BE BLUE 4" HIGH LETTERS ON A PAINTED WHITE BACKGROUND.
3. INSTALL ADA APPROVED GRATES ON ALL DRAINAGE STRUCTURES WITH PEDESTRIAN ACCESSIBLE PAVED AREAS. INSTALL BOLT-DOWN GRATES ON ALL DRAINAGE STRUCTURES.
4. WHERE CONNECTION IS TO BE MADE TO AN EXISTING SEWER OR STRUCTURE, SAID EXISTING SEWER OR STRUCTURE SHALL BE UNCOVERED AND CHECKED FOR LOCATION AND ELEVATION PRIOR TO STAKING NEW SEWER DEPTH AND LOCATION. ANY DISCREPANCY BETWEEN THE PLANS AND FIELD INFORMATION SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
5. REFER TO STORM SEWER SPECIFICATIONS FOR LABOR AND MATERIAL, TESTING AND QUALITY CONTROL REQUIREMENTS.
6. MINIMUM SLOPE FOR SITE STORM DRAIN PIPES SHALL BE:

4" @ 2%
6" @ 1%
8" & LARGER @ 0.5%
UNLESS INDICATED OTHERWISE
7. PRIVATE STORM DRAIN LINE 4-INCH THROUGH 12-INCH WITH A MINIMUM OF TWO (2) FEET OF COVER IN NON-TRAFFIC AREAS SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35.
8. PRIVATE STORM DRAIN LINE 6-INCH THROUGH 12-INCH WITH LESS THAN THREE (3) FEET OF COVER IN VEHICULAR TRAFFIC AREAS SHALL BE POLYVINYL CHLORIDE (PVC) C300, RATED 150 PSI CLASS PIPE.

WATER SYSTEM NOTES:

1. INSTALL DETECTABLE METALIZED WARNING TAPE APPROXIMATELY 18" BELOW THE SURFACE IN NON-PAVED AREAS, AND AT BOTTOM OF BASECOURSE FOR PAVED AREAS. BLUE, IMPRINTED WITH "CAUTION-WATER-LINE BELOW", CALPICO TYPE 2 OR EQUAL.
2. PROVIDE THRUST BLOCKS OR COMPARABLE RESTRAINTS PER THE LOCAL WATER AGENCY. AT BENDS OF 22 1/2 DEGREES OR GREATER (HORIZONTAL AND VERTICAL), AT SIZE CHANGES AND AT FIRE HYDRANTS PER CITY STANDARD, ANWA C000, SECTION 3.8 UNLESS NOTED OTHERWISE.
3. PROVIDE MINIMUM OF 3 FEET OF COVER OVER WATER LINES, UNLESS NOTED OTHERWISE.
4. MAINTAIN PUBLIC WATER LINES 10' AWAY FROM PUBLIC SANITARY SEWER LINES.
5. WHERE WATER LINES HAVE TO CROSS SANITARY SEWER LINES, DO SO AT A 90 DEGREE ANGLE AND WATER LINES SHALL BE MINIMUM OF 12" ABOVE TOP OF SANITARY SEWER LINES AND WATERLINE JOINTS SHALL BE A MINIMUM OF 10 FEET FROM SANITARY SEWERS.
6. WATER LINES ARE SHOWN SCHEMATICALLY. CONTRACTOR SHALL IDENTIFY EACH ANGLE AND/OR BEND WITH APPROPRIATE FITTINGS THAT MAY BE REQUIRED TO ACCOMPLISH THE INTENDED DESIGN.
7. BOTTOM OF BACKFLOW PREVENTOR ASSEMBLY TO BE INSTALLED NO GREATER OR LESS THAN 12" FROM FINISH GRADE.
8. THE UNDERGROUND DOMESTIC WATER SYSTEM INSTALLER SHALL OBTAIN ALL APPROVALS AND PERMITS PRIOR TO ORDERING MATERIALS, FABRICATING SYSTEMS OR ANY INSTALLATION.
9. CONTRACTOR TO POTHOLE AND VERIFY LOCATION, DEPTH & SIZE OF P.O.C. TO EXISTING WATERMAIN PRIOR TO INSTALLING ANY NEW WATERMAIN AND ADVISE THE OWNER ENGINEER OF ANY FIELD DISCREPANCIES THAT WILL IMPACT THE DESIGN.
10. REFER TO DOMESTIC WATER SPECIFICATIONS FOR LABOR AND MATERIAL, TESTING AND QUALITY CONTROL REQUIREMENTS.
11. PUBLIC AND PRIVATE WATER MAIN AND WATER SERVICE LINE 4-INCH THROUGH 12-INCH SHALL BE POLYVINYL CHLORIDE (PVC) AND SHALL MEET ANWA C500, RATED FOR 200 PSI CLASS PIPE WITH EPOXY COATED DUCTILE IRON FITTINGS AND FLUJON EPOXY COATED GATE VALVES.
12. ALL WATER LINES 3" OR SMALLER SHALL BE TYPE K COPPER WITH SILVER BRAZED JOINTS. CONTRACTOR TO VERIFY PRESSURES FROM EXISTING LINES ARE ADEQUATE TO SERVICE BUILDINGS AS SPECIFIED BY THE PLUMBING PLANS.

FIRE PROTECTION NOTES:

1. THE UNDERGROUND FIRE PROTECTION SYSTEM SHOWN ON THIS DRAWING IS SCHEMATIC AND IS NOT INTENDED TO BE AN INSTALLATION DRAWING. THE UTILITY DRAWING IN THIS SET OF DOCUMENTS SHALL NOT BE USED AS A BASE SHEET FOR SHOP DRAWINGS WITHOUT WRITTEN APPROVAL OF THE ARCHITECT / ENGINEER.
2. THE UNDERGROUND FIRE PROTECTION SYSTEM INSTALLER SHALL PREPARE SHOP DRAWINGS SHOWING ALL INFORMATION REQUIRED BY THE LOCAL FIRE MARSHAL, INCLUDING LOCATION, TYPE AND NUMBER OF ANGLES, THRUST BLOCKS, VALVES, FIRE HYDRANTS, PIVs, FDCs, BACKFLOW ASSEMBLIES, FLEXIBLE CONNECTIONS, VAULTS, AND FLOW CALCULATIONS TO FIRE HYDRANTS AND SPRINKLER RISERS PER FIRE FLOW REQUIRED BY LOCAL FIRE DEPARTMENT.
3. SHOP DRAWINGS SHALL BE SUBMITTED TO THE DSA & ARCHITECT, THE RATING AGENCY AND THE PROJECT MANAGER, ALLOWING TIME FOR REVIEW AND ACCEPTANCE, PRIOR TO START OF WORK.
4. THE UNDERGROUND FIRE PROTECTION SYSTEM INSTALLER SHALL OBTAIN ALL APPROVALS AND PERMITS PRIOR TO ORDERING MATERIALS, FABRICATING SYSTEMS OR ANY INSTALLATION.
5. GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS AND EQUIPMENT LOCATIONS. RISER LOCATIONS ARE SHOWN ON ARCHITECTURAL AND PLUMBING DRAWINGS AND ARE TO BE COORDINATED WITH ACTUAL FIELD CONDITIONS.
6. INSTALL MONITORED TAMPERSWITCHES AT ALL PIVs AND VALVES ON BACKFLOW ASSEMBLIES.
7. CONTRACTOR TO USE CATHODIC PROTECTION FOR ALL UNDERGROUND FIRE PROTECTION SYSTEMS. FINAL LOCATION OF ANODES AND TEST STATIONS SHALL BE COORDINATED WITH ARCHITECT/ENGINEER. CONTRACTOR MAY ASSUME THAT THE TEST STATIONS WILL BE WITHIN 10 FEET OF THE FITTING/ITEM BEING CONNECTED TO.
8. BOTTOM OF BACKFLOW PREVENTOR ASSEMBLY TO BE INSTALLED NO GREATER OR LESS THAN 12" FROM FINISH GRADE.
9. MIN. 2 CLEARANCE FROM BACK OF CURB TO FHs, PIVs, AND FDCs.

GENERAL NOTES FOR UNDERGROUND FIRE SERVICE

1. NFPA 24 SEC. 7.2 ALL FERROUS METAL PIPE SHALL BE LINED, AND STEEL PIPE SHALL BE COATED AND WRAPPED WITH JOINTS FIELD-COATED AND WRAPPED AFTER ASSEMBLY, FOR BURIED PIPE. GALVANIZING, INTERNALLY OR EXTERNALLY, DOES NOT MEET THE REQUIREMENTS OF THIS SECTION.
2. NFPA 24 SEC. 8.5.2 ALL BOLTED JOINTS ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION-RETARDING MATERIAL AFTER INSTALLATION.
3. NFPA 24 SEC. 8.4.2.8 AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES, EXCEPT THRUST BLOCKS, SHALL BE CLEANED THOROUGHLY COATED WITH A BITUMINOUS OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL.
4. NFPA 24 SEC. 8.2-1 UNDERGROUND MAINS SHALL BE COMPLETELY FLUSHED TO REMOVE FOREIGN MATERIALS THAT MIGHT HAVE ENTERED THE MAIN DURING THE COURSE OF THE INSTALLATION PER TABLE 9-1.1 TO PRODUCE A VELOCITY OF 10 FT/PER SECOND IN PIPES (WITNESSED BY THE INSPECTOR OF RECORD). LOCAL FIRE JURISDICTION SHALL BE NOTIFIED OF DATE AND TIME OF TESTING SO THEY MAY OBSERVE TESTING WHEN DESIRED.
5. NFPA 24 (1996) SEC. 8.9.3.1 ALL NEW PRIVATE UNDERGROUND FIRE SERVICE MAINS SHALL BE TESTED HYDROSTATICALLY AT NOT LESS THAN 200-PSI PRESSURE FOR A MINIMUM OF TWO HOURS. (WITNESSED BY THE INSPECTOR OF RECORD)
6. THE AMOUNT OF LEAKAGE IN BURIED PIPING SHALL BE MEASURED AT THE SPECIFIED TEST PRESSURE BY PUMPING FROM A CALIBRATED CONTAINER, FOR NEW PIPE. THE AMOUNT OF LEAKAGE AT THE JOINTS SHALL NOT EXCEED TWO QUARTS PER HOUR PER 100 CASSETS OR JOINTS, IRRESPECTIVE OF PIPE DIAMETER. NO VISIBLE LEAKAGE SHALL BE ALLOWED IN ABOVE GROUND PIPING. (ALSO SEE SEC. 9-2.3.3 FOR ALLOWABLE LEAKAGE)
7. HYDROSTATIC TESTS SHOULD BE MADE BEFORE THE JOINTS ARE COVERED SO THAT ANY LEAKS MAY BE READILY DETECTED.
8. NFPA 24 (1996) SEC. 9.2.1 BEFORE ASKING FINAL APPROVAL OF AN INSTALLATION BY THE INSPECTOR OF RECORD, THE INSTALLING COMPANY SHALL FURNISH A CONTRACTORS MATERIAL AND TESTS CERTIFICATE TO BE SUBMITTED TO DSA. A TYPICAL CERTIFICATE IS SHOWN IN FIGURE A-9-2.1. THIS FORM SHALL BE GIVEN TO THE INSPECTOR OF RECORD (IOR) WHO WILL TURN-IN FOR DSA RECORDS.
9. NFPA 24 SEC. 8-1 THE DEPTH OF COVER OVER WATER PIPES SHALL BE NOT LESS THAN 2 1/2 FT. TO PREVENT MECHANICAL DAMAGE AND SHALL BE BURIED A MINIMUM OF 3 FT. UNDER DRIVEWAYS.

UNDERGROUND FIRE SERVICE TO FIRE HYDRANTS REQUIREMENTS:

1. NFPA 24 SEC. 1.4 THE UNDERGROUND FIRE SERVICE PLANS SHALL BE DRAWN TO SCALE BY THE UNDERGROUND FIRE PROTECTION SYSTEM INSTALLER AND SHALL INCLUDE ALL ESSENTIAL DETAILS SUCH AS:

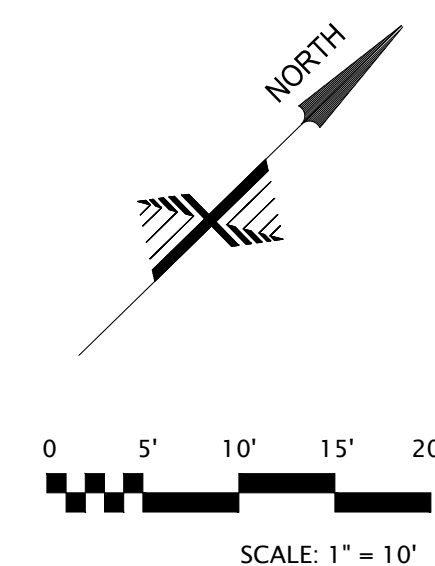
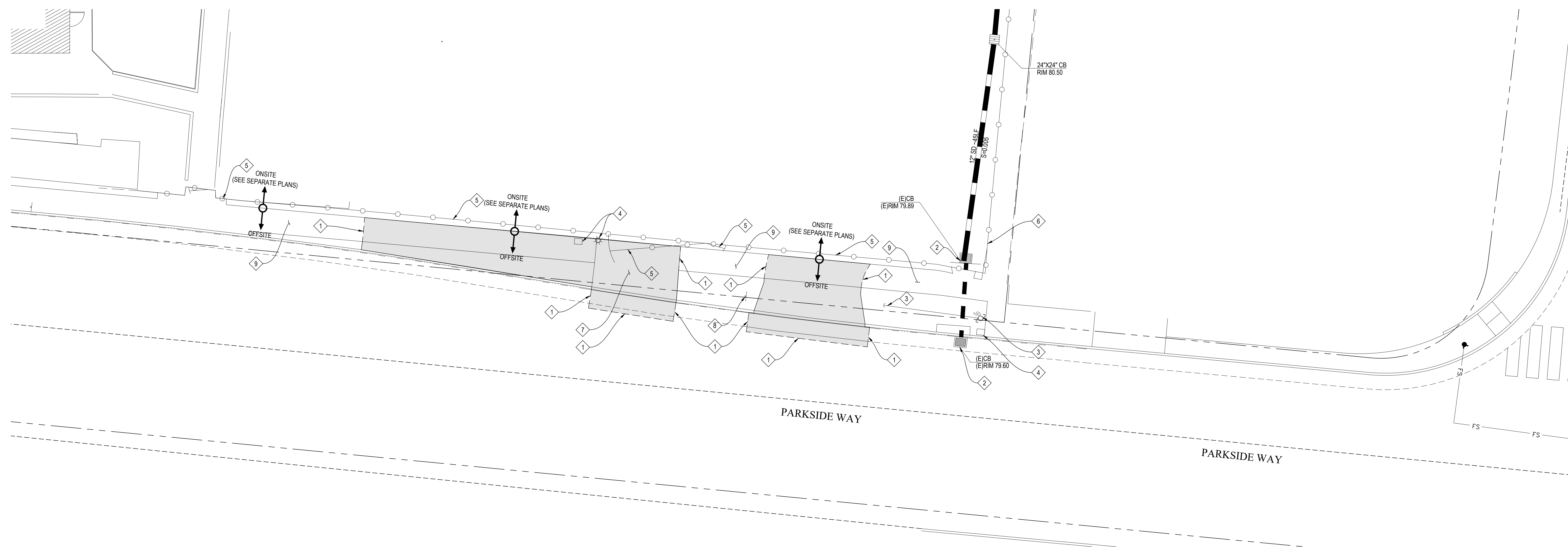
A) SIZE AND LOCATION OF ALL WATER SUPPLIES.
B) SIZE AND LOCATION OF ALL PIPING, INDICATION, WHERE POSSIBLE, THE CLASS AND TYPE AND DEPTH OF EXISTING PIPE, THE CLASS AND TYPE OF NEW PIPE TO BE INSTALLED, AND THE DEPTH TO WHICH IT IS TO BE BURIED.
C) SIZE AND LOCATION OF VALVES, INDICATE IF LOCATED IN PIT OR IF OPERATION IS BY POST INDICATOR OR KEY WRENCH THROUGH A CURB BOX. INDICATE THE SIZE, TYPE, AND LOCATION OF METERS, REGULATORS, AND CHECK VALVES.
D) SIZE AND LOCATION OF HYDRANTS, SHOWING SIZE AND NUMBER OF OUTLETS AND IF OUTLETS ARE TO BE EQUIPPED WITH INDEPENDENT GATE VALVE.
E) SPRINKLER AND STANDPIPE RISERS TO BE SUPPLIED BY THE SYSTEM.
F) LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM, INCLUDING DETAIL OF CONNECTIONS.
2. NFPA 24 (96) SEC. 3.6.1 LARGE PRIVATE FIRE SERVICE MAIN SYSTEMS SHALL HAVE SECTIONAL CONTROLLING VALVES AT APPROPRIATE POINTS IN ORDER TO PERMIT SECTIONALIZING THE SYSTEM IN THE EVENT OF A BREAK, OR FOR THE MAKING OR REPAIRS OR EXTENSIONS.
3. NFPA 24 SEC. 7.2 ALL FERROUS METAL PIPE SHALL BE LINED, AND STEEL PIPE SHALL BE COATED AND WRAPPED WITH JOINTS FIELD-COATED AND WRAPPED AFTER ASSEMBLY, FOR BURIED PIPE. GALVANIZING, INTERNALLY OR EXTERNALLY, DOES NOT MEET THE REQUIREMENTS OF THIS SECTION.
4. NFPA 24 SEC. 8.5.2 ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION-RETARDING MATERIAL AFTER INSTALLATION.
5. NFPA 24 SEC. 8.6.2.8 AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES, EXCEPT THRUST BLOCKS, SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMINOUS OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL.
6. NFPA 24 SEC. 8.6.2.8 THRUST BLOCKS SHALL BE OF A CONCRETE MIX NOT LEANER THAN ONE PART CEMENT, TWO AND ONEHALF PARTS SAND, AND FIVE PARTS STONE. THRUST BLOCKS SHALL BE PLACED BETWEEN UNDISTURBED EARTH AND THE FITTING TO BE RESTRAINED, AND SHALL BE OF SUCH BEARING AS TO ENSURE ADEQUATE RESISTANCE TO THE THRUST TO BE ENCOUNTERED. IN GENERAL, THRUST BLOCKS SHALL BE SO PLACED THAT THE JOINTS WILL BE ACCESSIBLE FOR INSPECTION AND REPAIR.
7. NFPA 24 SEC. 8.2-1 UNDERGROUND MAINS SHALL BE COMPLETELY FLUSHED TO REMOVE FOREIGN MATERIALS THAT MIGHT HAVE ENTERED THE MAIN DURING THE COURSE OF THE INSTALLATION PER TABLE 9-1.1 TO PRODUCE A VELOCITY OF 10 FT PER SECOND IN PIPES (WITNESSED BY THE INSPECTOR OF RECORD)
8. NFPA 24 SEC. 8.9.3.1 ALL NEW PRIVATE UNDERGROUND FIRE SERVICE MAINS SHALL BE TESTED HYDROSTATICALLY AT NOT LESS THAN 200-PSI PRESSURE FOR A MINIMUM OF TWO HOURS (WITNESSED BY THE INSPECTOR OF RECORD) THE AMOUNT OF LEAKAGE IN BURIED PIPING SHALL BE MEASURED AT THE SPECIFIED TEST PRESSURE BY PUMPING FROM A CALIBRATED CONTAINER, FOR NEW PIPE. THE AMOUNT OF LEAKAGE AT THE JOINTS SHALL NOT EXCEED TWO QUARTS PER HOUR PER 100 CASSETS OR JOINTS, IRRESPECTIVE OF PIPE DIAMETER. NO VISIBLE LEAKAGE SHALL BE ALLOWED IN ABOVE GROUND PIPING. (ALSO, SEE SEC. 9-2.3.3 FOR ALLOWABLE LEAKAGE) HYDROSTATIC TESTS MUST BE MADE BEFORE THE JOINTS ARE COVERED SO THAT ANY LEAKS MAY BE READILY DETECTED.
9. NFPA 24 SEC. 9.2.1 BEFORE ASKING FINAL APPROVAL OF AN INSTALLATION BY THE INSPECTOR OF RECORD, THE INSTALLING COMPANY SHALL FURNISH A CONTRACTORS MATERIAL AND TEST CERTIFICATE TO BE SUBMITTED TO DSA. A TYPICAL CERTIFICATE IS SHOWN IN FIGURE A-9-2.1. THIS FORM SHALL BE GIVEN TO THE INSPECTOR OF RECORD (IOR) WHO WILL TURN-IN FOR DSA RECORDS.
10. NFPA 24 SEC. 8-1 THE DEPTH OF COVER OVER WATER PIPES SHALL BE NOT LESS THAN 2 1/2 FT

DEMOLITION KEYNOTES

- | | |
|---|--|
| 1 | LIMIT OF WORK/SAWCUT LINE |
| 2 | EXISTING STORM DRAIN TO REMAIN, PROTECT IN PLACE. |
| 3 | EXISTING JUNCTION POLE AND GUY WIRES TO REMAIN, PROTECT IN PLACE. |
| 4 | EXISTING LIGHT POLE, ELECTRICAL BOX AND CONDUITS TO REMAIN, PROTECT IN PLACE. ADJUST LIGHT POLE AND ELECTRICAL BOX TO NEW GRADE. |
| 5 | EXISTING FENCE AND/OR GATE TO BE REMOVED. |
| 6 | EXISTING FENCE AND/OR GATE TO REMAIN, PROTECT IN PLACE. |
| 7 | EXISTING DRIVEWAY TO BE REMOVED. |
| 8 | EXISTING SIGN TO BE RELOCATED AS NEEDED. |
| 9 | EXISTING CITY SIDEWALK TO REMAIN, PROTECT IN PLACE. |

DEMOLITION NOTES

1. SEE ELECTRICAL PLANS FOR REMOVAL OR RELOCATION OF ALL ELEC/COM/ CONDUITS, BOXES, LINE ETC.
2. SEE UTILITY PLAN FOR ALL NEW TIE-IN LOCATIONS AND ANY INSTANCES OF STORM, SANITARY SEWER, OR WATER BEING RELOCATED. ANY EXISTING UTILITIES NOT BEING USED ARE TO BE REMOVED.
3. ALL EXISTING SERVICES AND UTILITIES THAT ARE WITHIN THE LIMITS OF DEMOLITION AND ARE TO REMAIN OPERATIONAL SHALL BE RELOCATED AS NECESSARY.
4. ALL TREES THAT ARE TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY) SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE CONNECTED TO OR CROSSED PRIOR TO THE TRENCHING OR INSTALLATION OF PROPOSED UTILITIES, AND INFORM ENGINEER OF ANY CONFLICTS BEFORE PROCEEDING WITH WORK.
6. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INVERTS AND LOCATIONS PRIOR TO BEGINNING ANY WORK ON THIS SITE.



DISCLAIMER: TOPOGRAPHIC INFORMATION, INCLUDING PROPERTY LINES, EASEMENTS, EXISTING GRADES, EXISTING UTILITIES LOCATIONS, ETC., SHOWN ARE FOR GENERAL REFERENCE ONLY AND HAVE BEEN PROVIDED BY OTHERS AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY HOHBACH-LEWIN, INC.



FOHRBACH FWIN #14968 31

SEAL



PROJ

MEADOW HEIGHTS
OFF-SITE

2619 DOLORES ST,
SAN MATEO, CA 94403

CLIN

MATEO FOSTER CITY SCHOOL DISTRICT

1170 CHESS DRIVE FOSTER CITY, CA 94404

ISSUED

MARK	DATE	DESCRIPTION

MANAGEMENT

LIONAKIS PROJECT NO: 021061

DSA APPLICATION NO: 01-120018

COPYRIGHT: _____

TITLE

DEMOLITION PLAN

SHEET

OS-C2.0

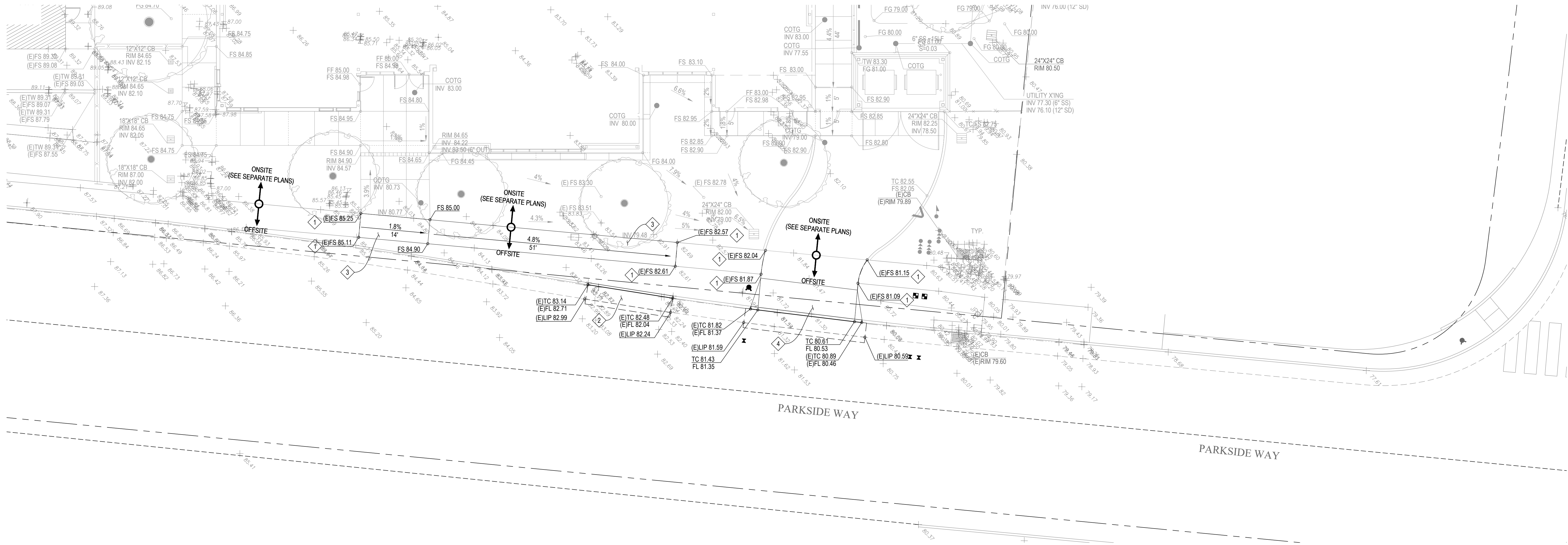
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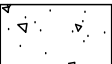
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PAVEMENT LEGEND

PAVEMENT SECTION TO BE APPROVED BY CITY ENGINEER.

CONCRETE PAVEMENT SURFACES TO BE 520-C-2500 CONCRETE PER CITY OF SAN MATEO STANDARDS AND TO HAVE 28-DAY COMPRESSIVE STRENGTH OF AT LEAST 2,500 PSI.
CONCRETE PAVING IN VEHICULAR TRAVEL AREA TO MEET ADTT (AVERAGE DAILY TRUCK TRAFFIC) OF 1.



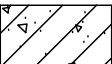
SIDEWALK CONCRETE

4" CONCRETE W/ #4 @ 12" O.C. E.W. OVER 6" CLASS 2 BASEROCK COMPACTED TO 95% R.C. OVER NATIVE SOILS COMPACTED TO 90% R.C.



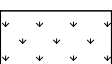
AC PAVEMENT

3.5" AC PAVEMENT OVER 12" CLASS 2 BASEROCK COMPACTED TO 95% R.C. OVER 90% R.C. COMPACTED NATIVE SOILS

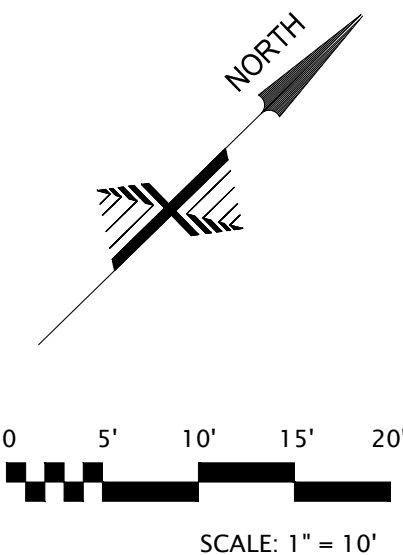
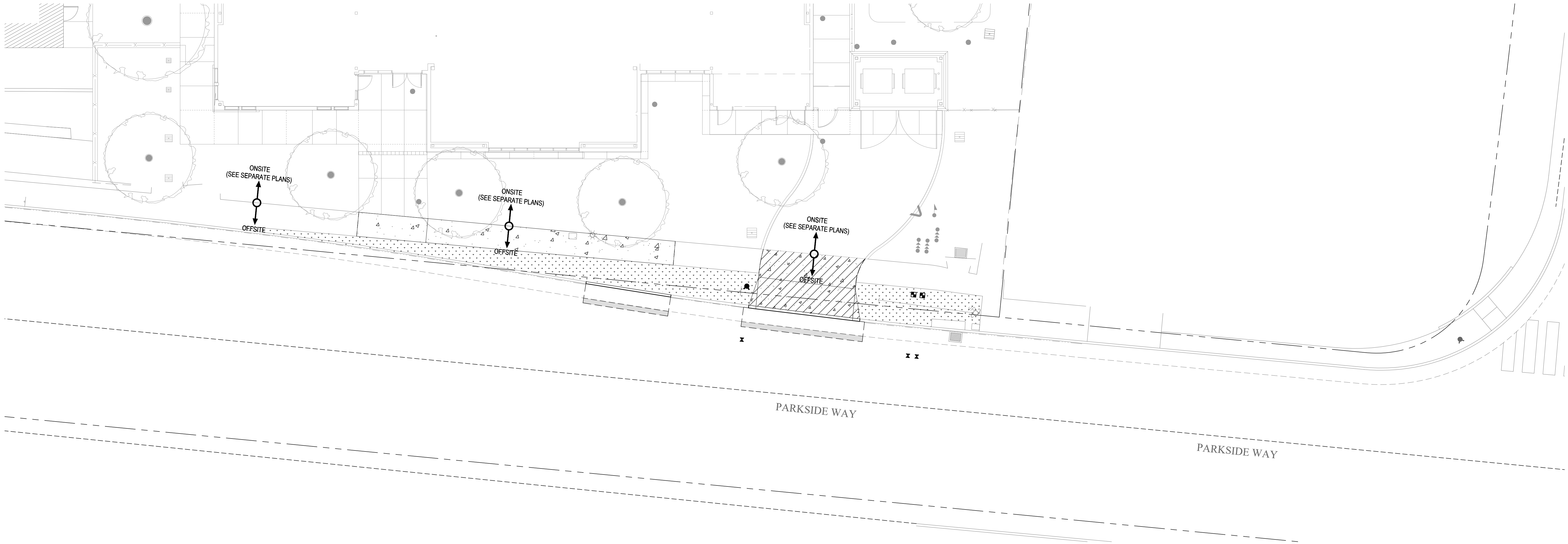


VEHICULAR CONCRETE

6" CONCRETE W/ #4 @ 12" O.C. E.W. OVER 6" CLASS 2 BASEROCK COMPACTED TO 95% R.C. OVER NATIVE SOILS COMPACTED TO 90% R.C.



LANDSCAPE AREA



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LIONAKIS

2025 Nineteenth Street
Sacramento, CA 95818
P 916.558.1900
www.lionakis.com

CONSULTANT



HOHBACH-LEWIN, INC.

STRUCTURAL & CIVIL ENGINEERS

260 Sheridan Avenue, Suite 150
Palo Alto, CA 94306

(650) 617-5930, Fax (650) 617-5932

SEAL



PROJECT

MEADOW HEIGHTS
OFF-SITE

2619 DOLORES ST.,
SAN MATEO, CA 94403

CLIENT

SAN MATEO FOSTER CITY SCHOOL DISTRICT

1170 CHESS DRIVE FOSTER CITY, CA 94404

ISSUED

MARK	DATE	DESCRIPTION
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MANAGEMENT

LIONAKIS PROJECT NO. 021068

DSA APPLICATION NO. 01-120016

COPYRIGHT:

TITLE

PAVEMENT PLAN

SHEET

OS-C3.1

HOHBACH-LEWIN #14983.1

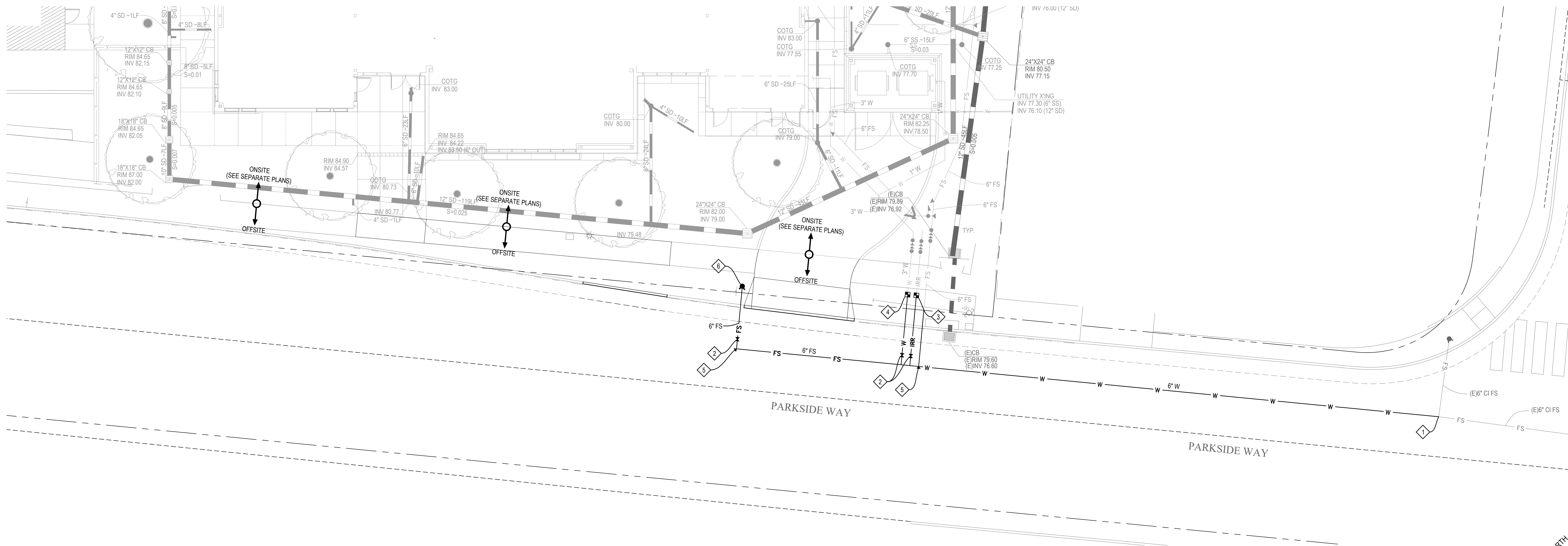
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Plot Date: Jan 25, 2025 - 1:00 PM



UTILITY LEGEND

- FIRE HYDRANT
- WATER VALVE
- WATER METER
- BACKFLOW PREVENTER
- CATCH BASIN
- AREA DRAIN
- CLEANOUT TO GRADE
- FIRE DEPARTMENT CONNECTION
- POST INDICATOR VALVE
- THRUST BLOCK

UTILITY KEYNOTES

- CONNECT TO EXISTING FIRE SERVICE LINE PER CITY OF SAN MATEO STANDARDS.
- WATER VALVE PER CAL WATER STANDARDS
- 1.5" IRRIGATION METER PER CAL WATER STANDARDS
- 3" WATER METER PER CAL WATER STANDARDS
- THRUST BLOCK PER CAL WATER STANDARDS
- FIRE HYDRANT PER CAL WATER STANDARDS

UTILITY NOTES

- CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY) SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE CONNECTED TO OR CROSSED PRIOR TO THE TRENCHING OR INSTALLATION OF PROPOSED UTILITIES, AND INFORM ENGINEER OF ANY CONFLICTS BEFORE PROCEEDING WITH WORK.
- CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES, INVERTS AND LOCATIONS PRIOR TO BEGINNING ANY WORK ON THIS SITE.

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MANAGEMENT

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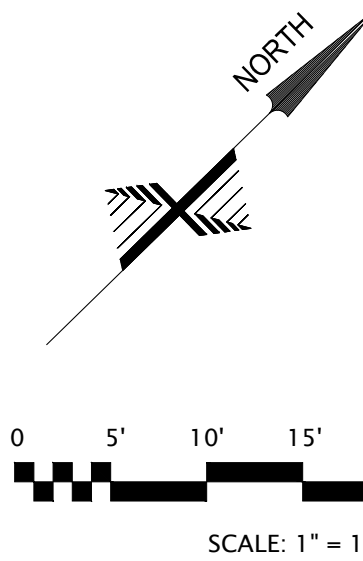
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UTILITY PLAN

SHEET

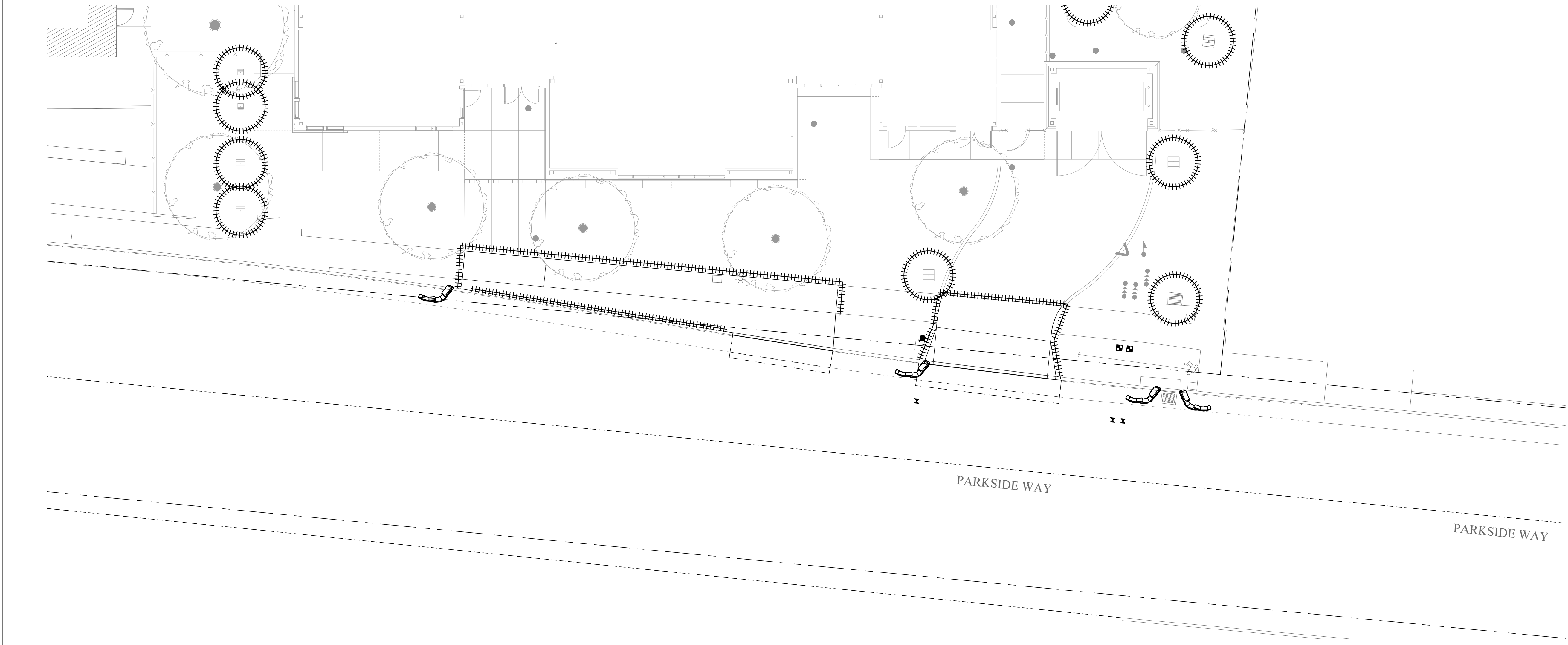
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HOHBACH-LEWIN #14988.31



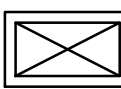
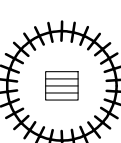
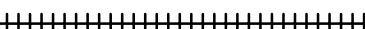

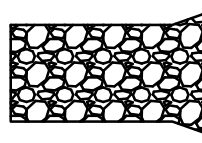
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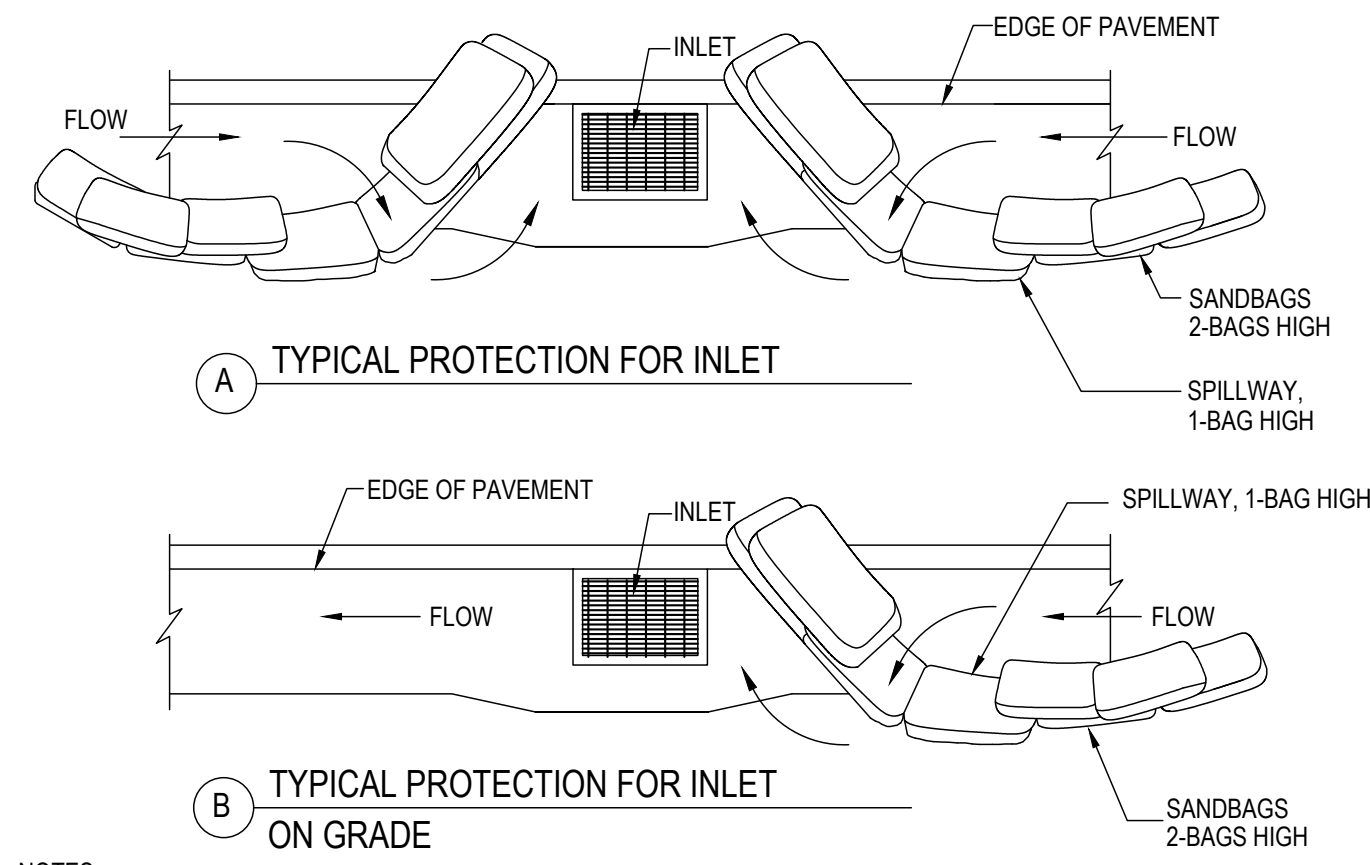
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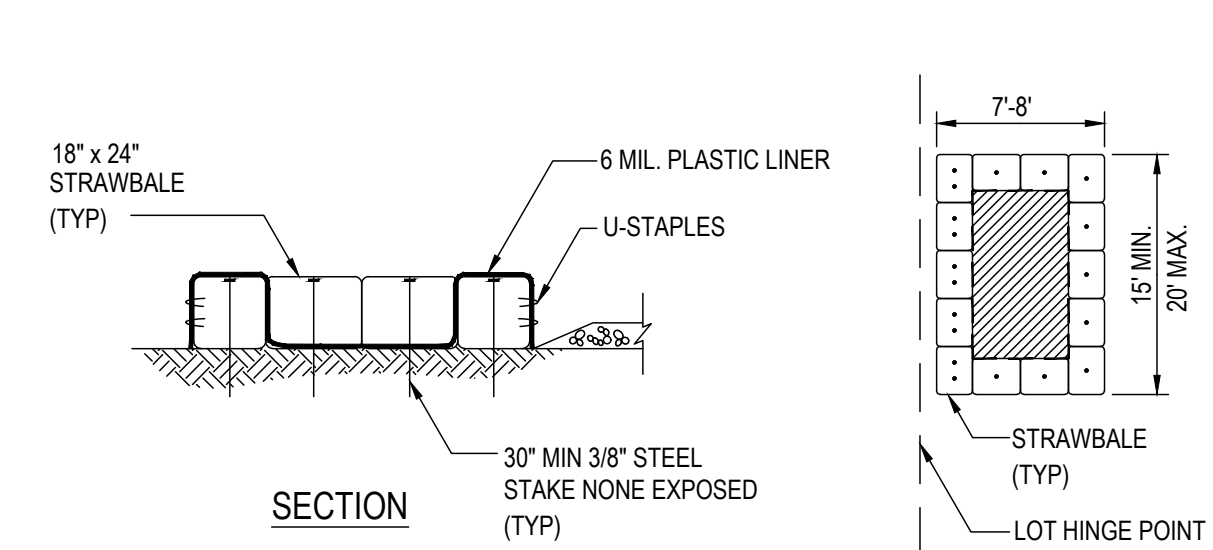
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LEGEND

-  CONCRETE WASHOUT, SEE DETAIL 1/-
-  CATCH BASIN PROTECTION, SEE DETAIL 2/-
-  FIBER ROLL, SEE DETAIL 3/-
-  CATCH BASIN PROTECTION ALONG GUTTERS, SEE DETAIL 4/-
-  STABILIZED CONSTRUCTION ENTRANCE, SEE DETAIL 5/-

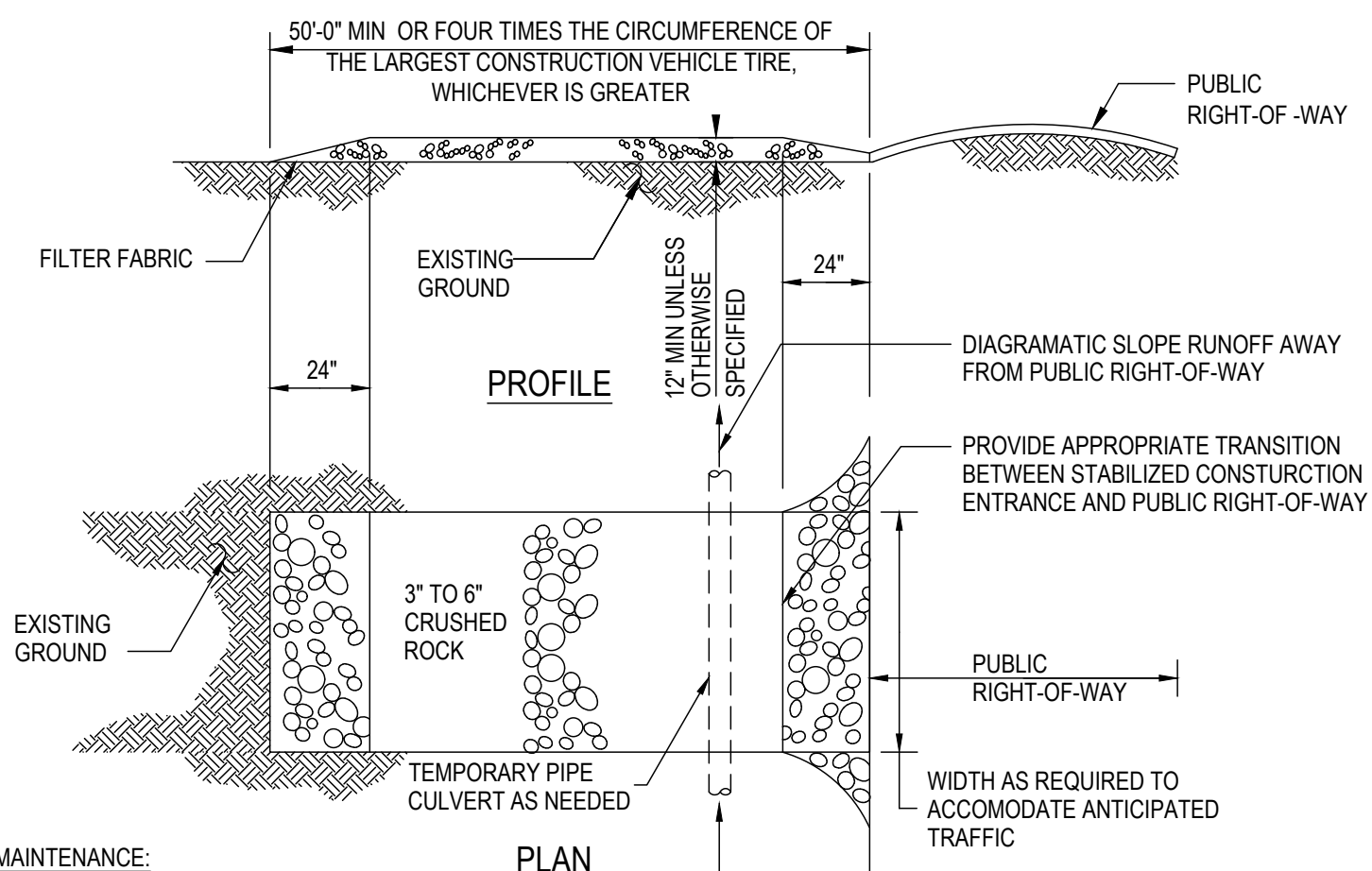


- NOTES:
1. INTENDED FOR SHORT-TERM USE.
 2. USE TO INHIBIT NON-STORM WATER FLOW.
 3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP.
 4. BAGS MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED.
 5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRIC.



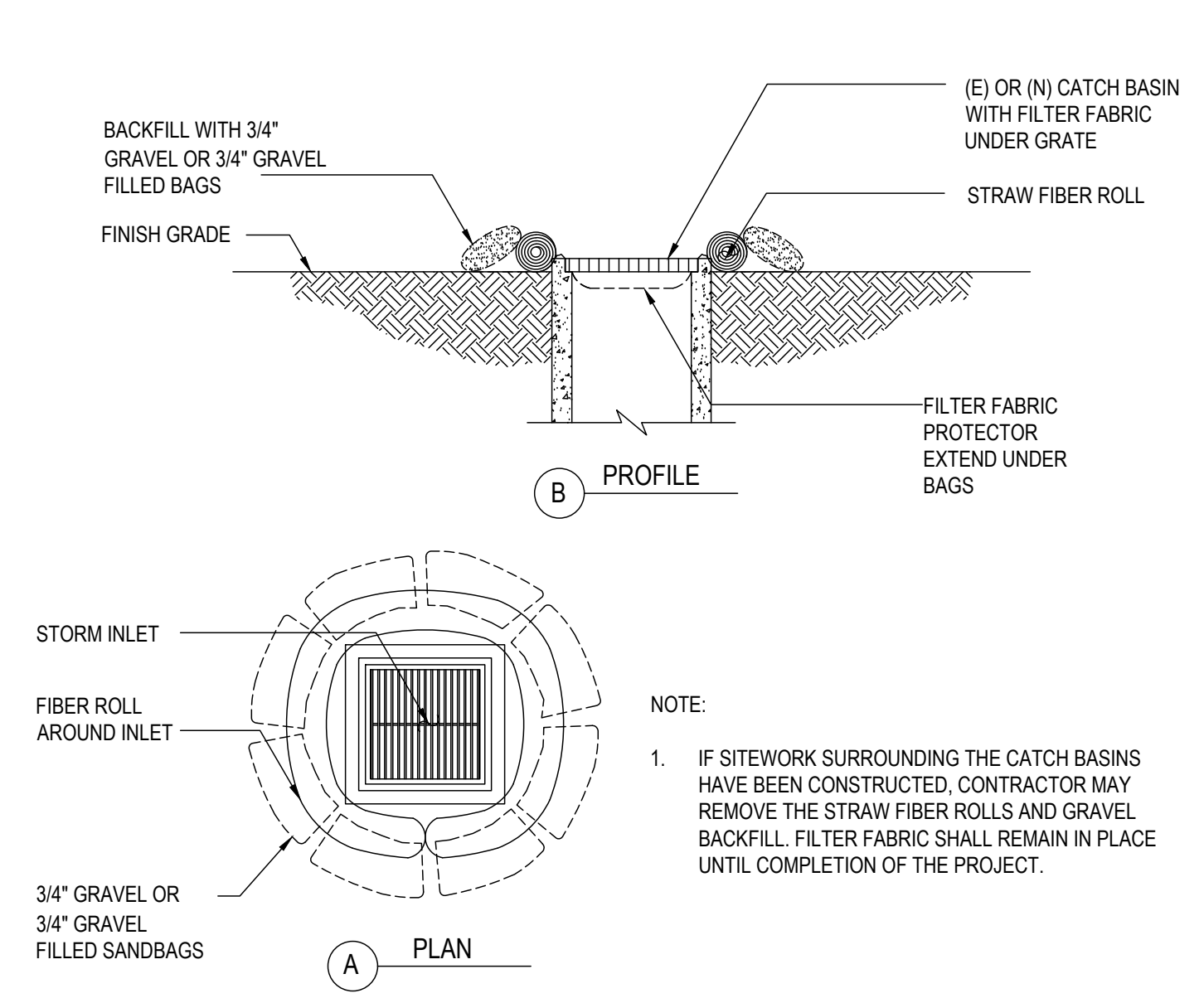
- NOTES:
1. WHEN WASHING ON-SITE, USE DESIGNATED, BERMED WASH AREAS TO PREVENT WASHWATER CONTACT WITH STORM WATER, CREEKS, RIVERS, AND OTHER WATER BODIES. THE WASH AREA CAN BE SLOPED FOR WASH WATER COLLECTION AND SUBSEQUENT INFILTRATION INTO THE GROUND.
 2. LOCATE WASHOUT AREA AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES. DO NOT ALLOW RUNOFF FROM THIS AREA BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE.
 3. WASH OUT WASTES INTO THE TEMPORARY PIT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED OF PROPERLY.

4 CATCH BASIN PROTECTION ALONG GUTTERS



- MAINTENANCE:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AND REPAIR OR CLEAN OUT OF TRAPPED SEDIMENT.
 2. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY SHALL BE REMOVED IMMEDIATELY.
 3. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. THIS SHALL BE DONE AT AN AREA STABILIZED WITH CRUSHED STONE, WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

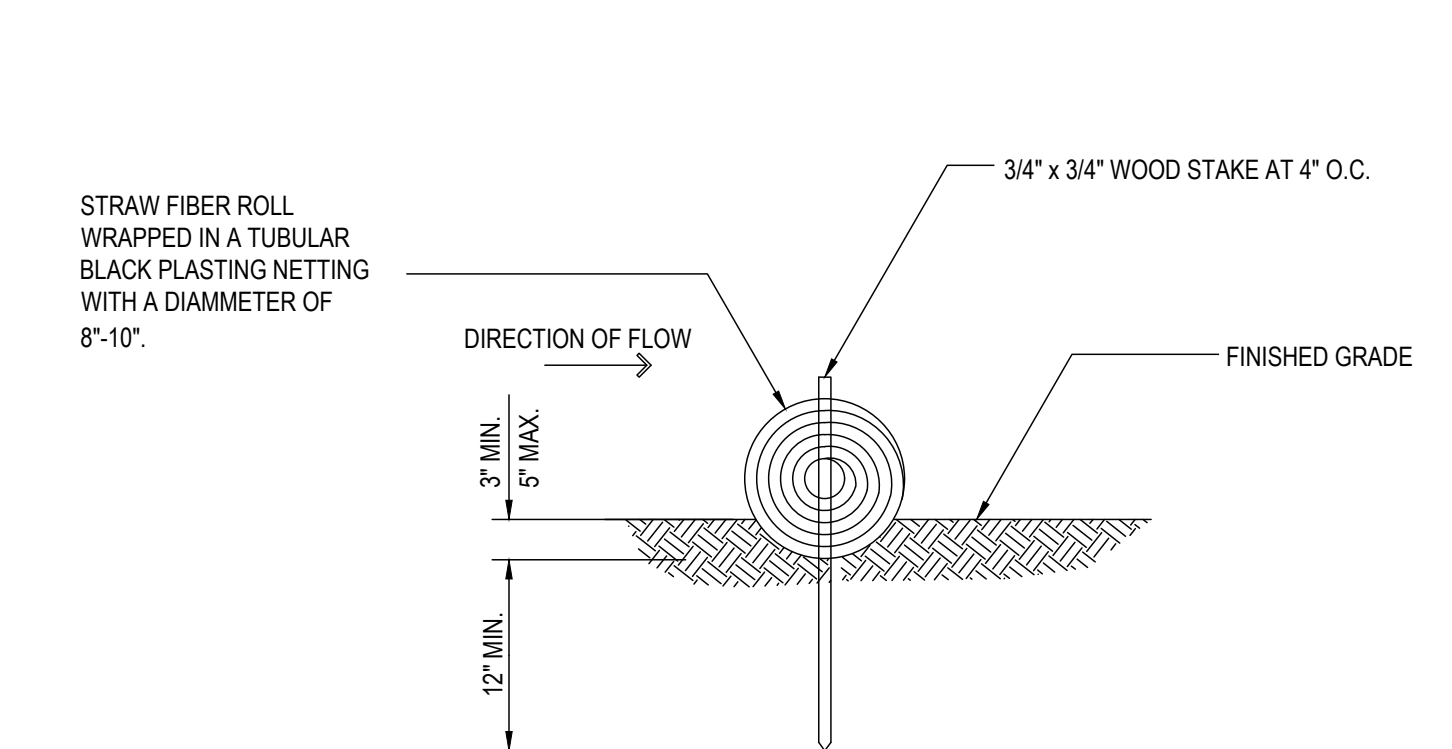
1 CONCRETE WASH AREA



- NOTE:
1. IF SITEWORK SURROUNDING THE CATCH BASINS HAVE BEEN CONSTRUCTED, CONTRACTOR MAY REMOVE THE STRAW FIBER ROLLS AND GRAVEL BACKFILL. FILTER FABRIC SHALL REMAIN IN PLACE UNTIL COMPLETION OF THE PROJECT.

5 STABILIZED CONSTRUCTION ENTRANCE

2 CATCH BASIN PROTECTION (TYP.)



- NOTES:
1. FIBER ROLL COMPOSED OF BIO-DEGRADABLE FIBERS STUFFED INTO A PHOTO-DEGRADABLE OPEN WEAVE NETTING.
 2. FIBER ROLL EROSION BARRIER TRAPS SEDIMENT AND REDUCES SHEET AND HILL SIDE EROSIONS BY REDUCING SLOPE GRADIENT, IT INCREASING INFILTRATION RATES AND BY PRODUCING A FAVORABLE ENVIRONMENT FOR PLANT ESTABLISHMENT.
 3. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH 3'-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.

3 FIBER ROLL

NORTH

0 5' 10' 15' 20'

SCALE: 1" = 10'

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HOHBACH-LEWIN #1468.31

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SEAL



PROJECT

MEADOW HEIGHTS
OFF-SITE

2619 DOLORES ST.,
SAN MATEO, CA 94403

CLIENT

SAN MATEO FOSTER CITY SCHOOL DISTRICT
1170 CHESS DRIVE FOSTER CITY, CA 94404

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MARK	DATE	DESCRIPTION
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MANAGEMENT

LIONAKIS PROJECT NO. 021068
DSA APPLICATION NO. 01-120016
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TITLE

EROSION CONTROL
PLAN

SHEET

OS-C5.0

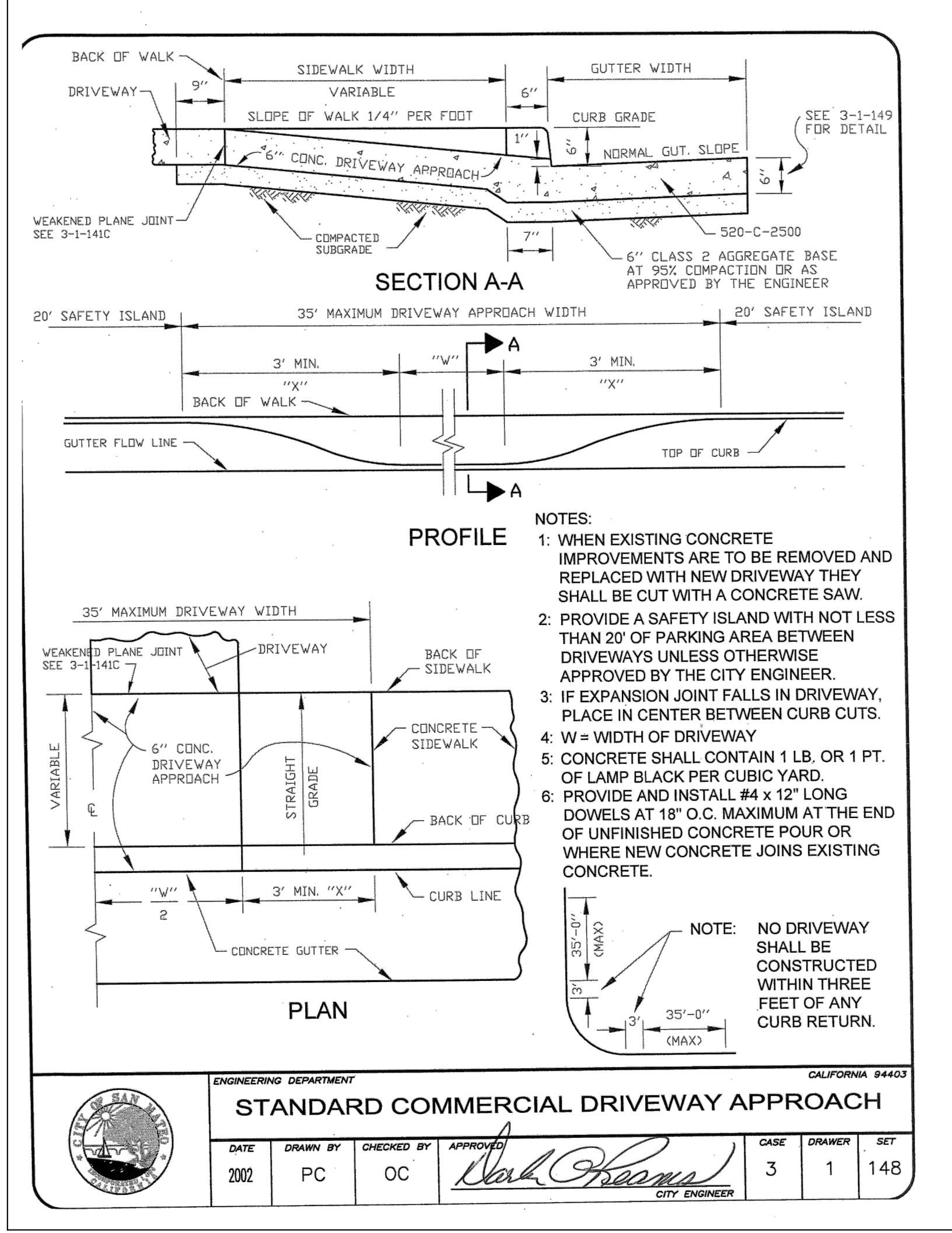
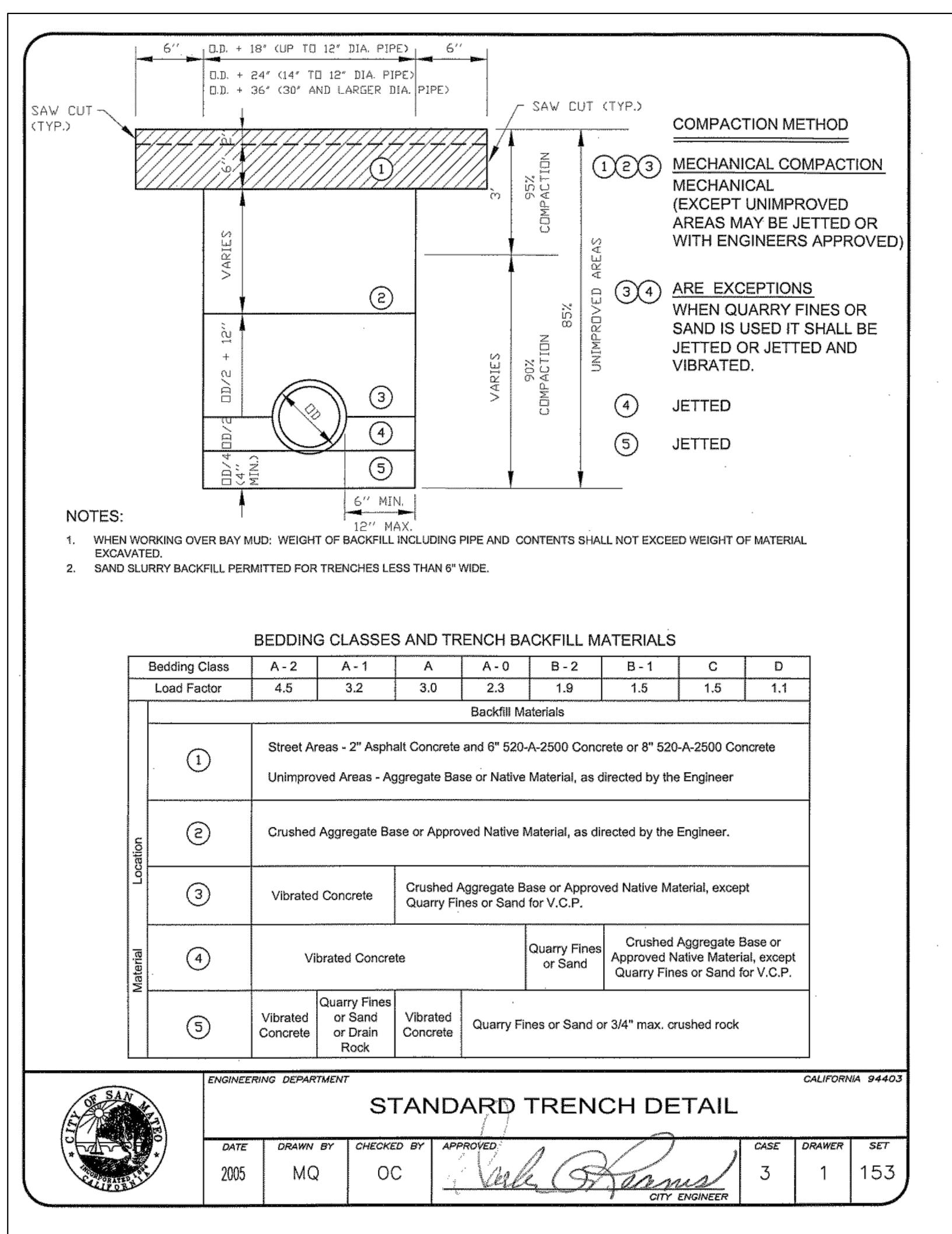
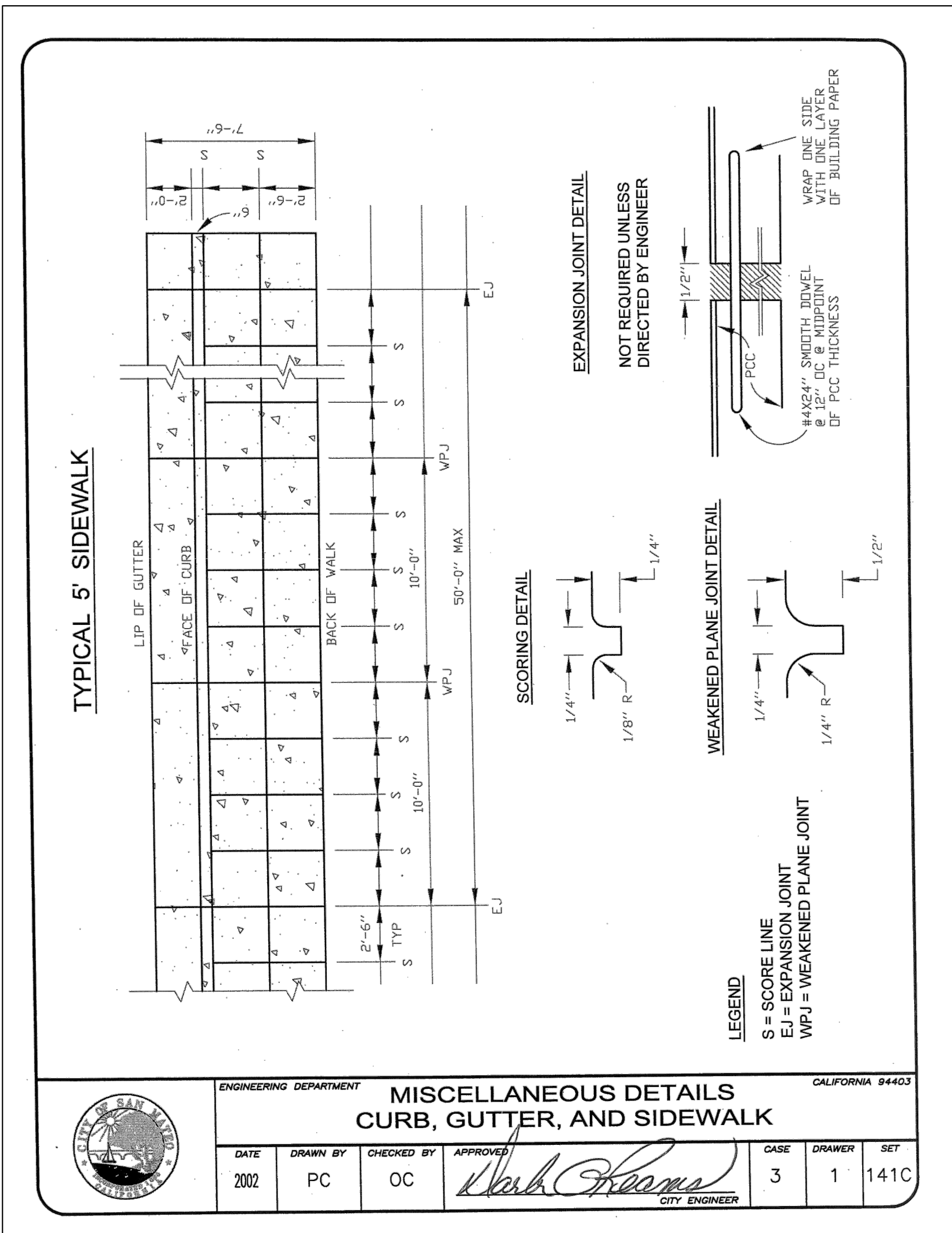
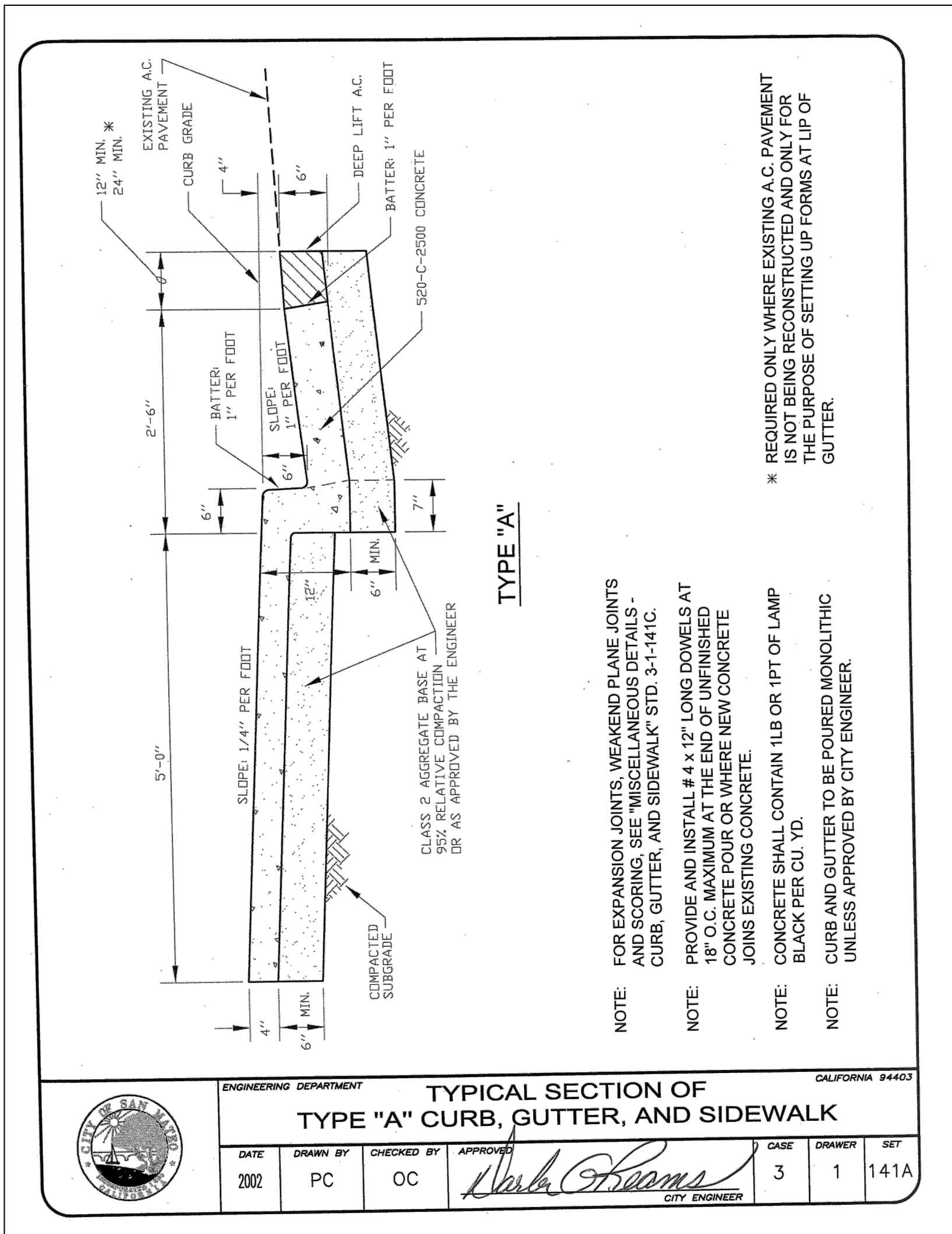
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Plot Date: Jan 25, 2025 - 1:00 PM



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SEAL

REGISTERED PROFESSIONAL
DANIEL C. G.
NO. C-13495
EXPIRATION DATE 12/31/2025

PROJECT

MEADOW HEIGHTS OFF-SITE

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MANAGEMENT

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TITLE

DETAILS

SHEET

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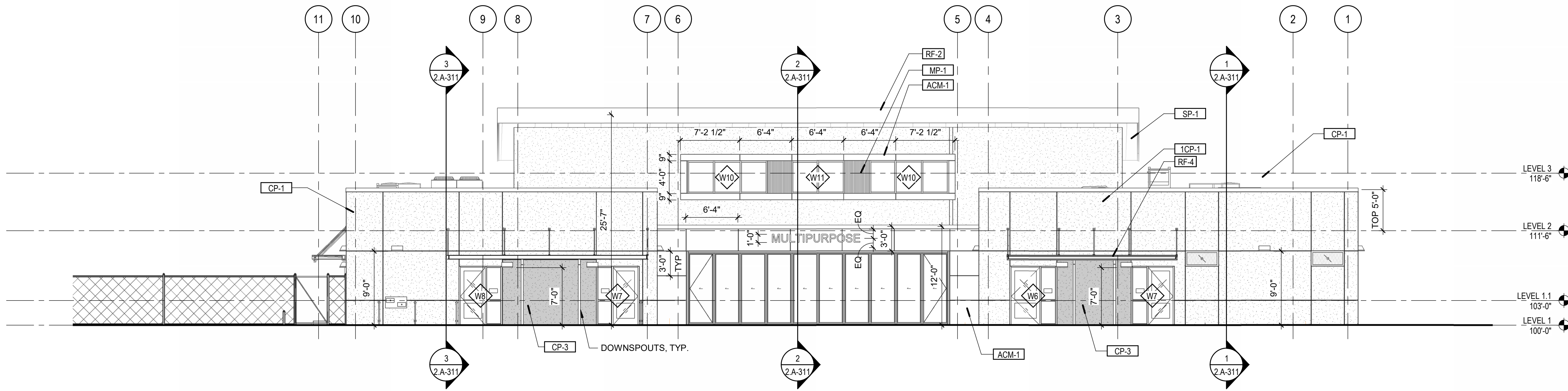
HOHBACH-LEWIN #1468.31

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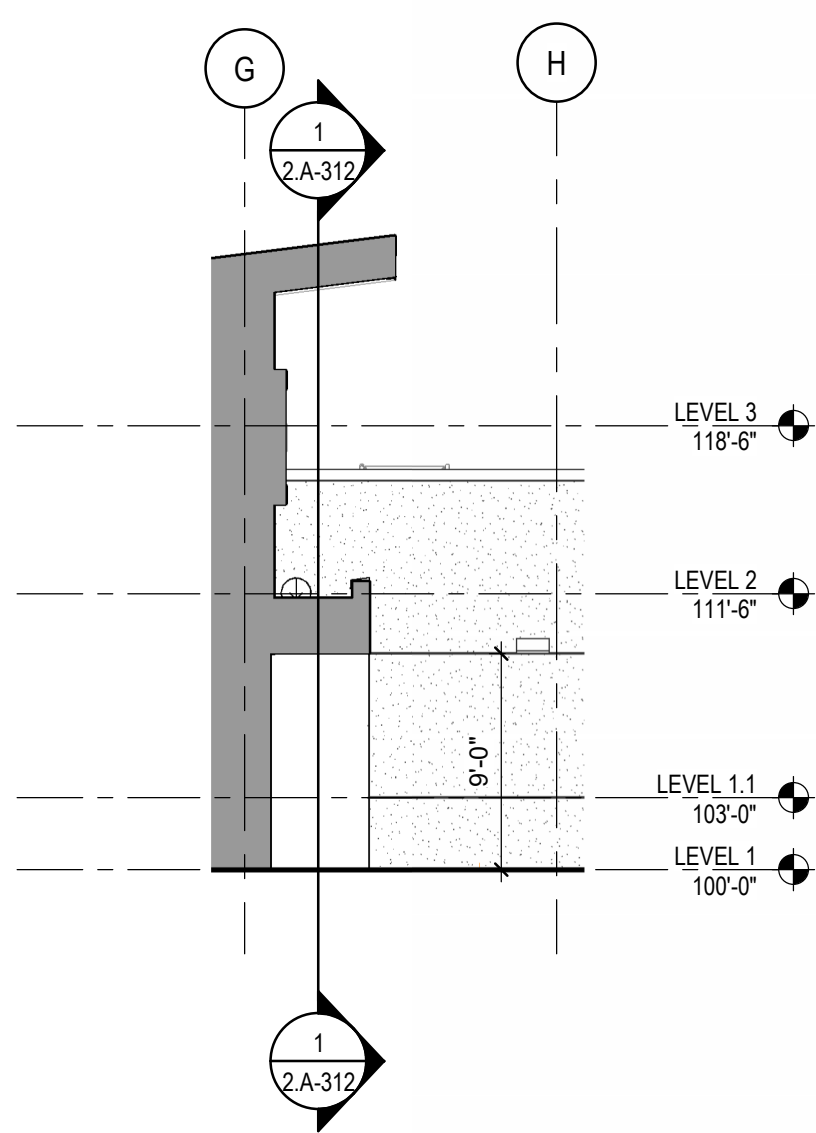
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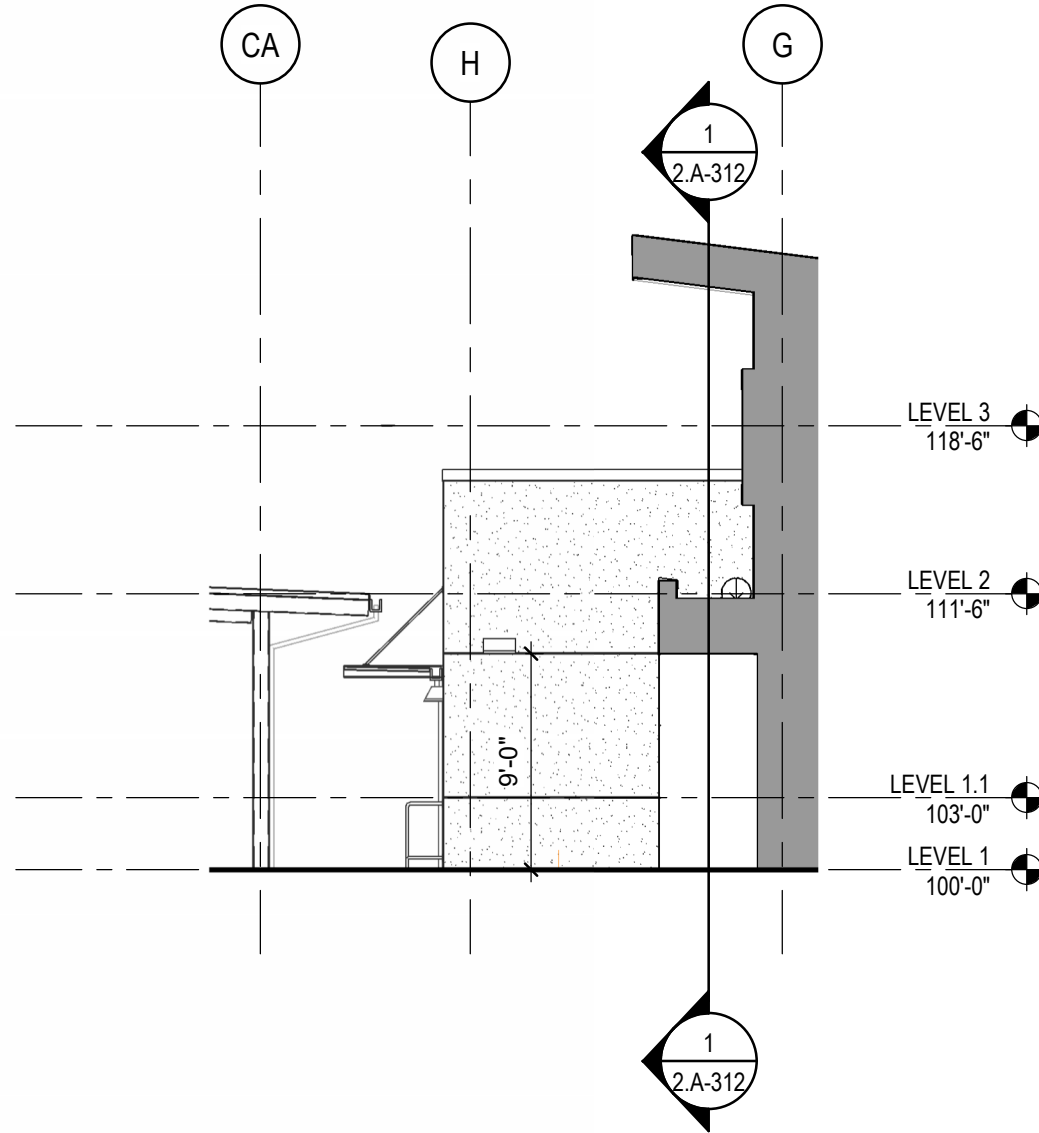
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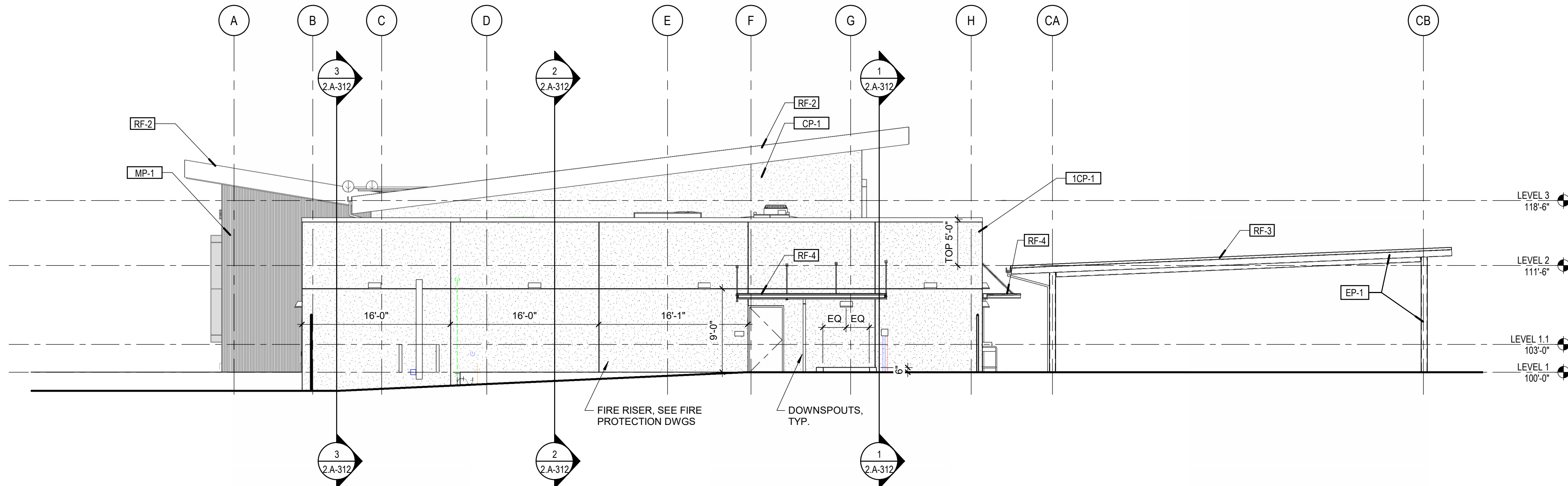
1 EXTERIOR ELEVATION - NORTH
SCALE 1/8" = 1'-0"



2 EXT ELEV - EAST AT GRIDS 4, 5, G & H
SCALE 1/8" = 1'-0"



3 EXT ELEV - WEST AT GRIDS 4, 5, G & H
SCALE 1/8" = 1'-0"

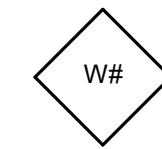


4 EXTERIOR ELEVATION - EAST
SCALE 1/8" = 1'-0"

GENERAL NOTES

- FOR EXTERIOR WALL ASSEMBLIES, SEE SHEET 2.A-510.
- FOR TYPICAL CEMENT PLASTER INSTALLATION, SEE SHEET 2.A-511.
- UNLESS OTHERWISE NOTED, PROVIDE CONTROL JOINTS IN CEMENT PLASTER SYSTEM AT WINDOW AND DOOR OPENING CORNERS, TYP.
- FOR TYPICAL METAL SIDING PANEL INSTALLATION, SEE SHEET 2.A-512.
- FOR TYPICAL ACM PANEL INSTALLATION, SEE SHEET 2.A-513.
- SEE DOOR AND FRAME SCHEDULE SHEET 2.A-621 FOR EXTERIOR DOOR FINISHES.
- SEE WINDOW SCHEDULE SHEET 2.A-631 FOR WINDOW FRAME FINISHES.
- UNLESS OTHERWISE NOTED, EXTERIOR HM DOOR PANELS TO BE PAINTED EP-2. EXTERIOR HM DOOR FRAMES TO BE PAINTED EP-3.
- ALL ALUMINUM DOOR AND WINDOW FRAMES TO BE CLEAR ANODIZED.
- ADD DOUBLE BUILDING PAPER AND TAPE ALL EXTERIOR WINDOWS, DOORS, AND OTHER OPENINGS. SEE SHEET 2.A-543.
- PAINT DOWNSPOUTS TO MATCH ADJACENT WALL.

LEGEND

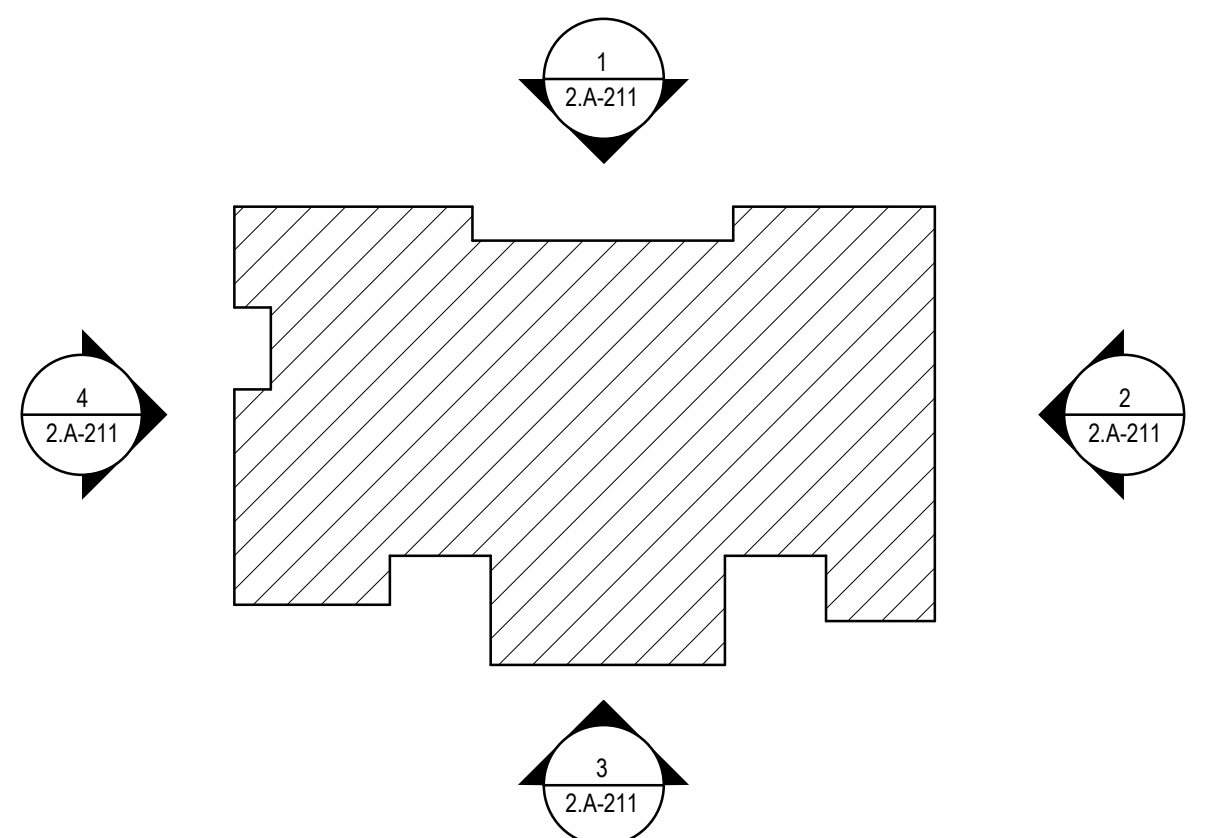


WINDOW/STOREFRONT TAG - SEE SHEET 2.A-631 FOR SCHEDULE

EXTERIOR FINISH SCHEDULE

MAT #	DESCRIPTION
	EXTERIOR WALL ASSEMBLIES: SEE SHEET 2.A-510
CP-1	CEMENT PLASTER SYSTEM - INTEGRAL PLASTER COLOR BASIS OF DESIGN: OMEGA COLOTEK, TEXTURE: TBD, FINISH: TBD COLOR: KM231 SPANISH SAND (BODY) [CP-1] = RATED WALL
CP-2	CEMENT PLASTER SYSTEM - INTEGRAL PLASTER COLOR BASIS OF DESIGN: OMEGA COLOTEK, TEXTURE: TBD, FINISH: TBD COLOR: KM27 BONE (EXTERIOR SOFFIT)
CP-3	CEMENT PLASTER SYSTEM - INTEGRAL PLASTER COLOR BASIS OF DESIGN: OMEGA COLOTEK, TEXTURE: TBD, FINISH: TBD COLOR: KM4833 CAMPING TRIP (UNDER CANOPIES)
MP-1	METAL PANEL SIDING SYSTEM BASIS OF DESIGN: AEP SPAN MINI-V-BEAM SIDING COLOR: COOL SAGE GREEN
ACM-1	ALUMINUM COMPOSITE MATERIAL BASIS OF DESIGN: ELWARD ALUGOBOND COLOR: OLIVINE METALLIC
CMUR	8" CONCRETE MASONRY UNIT BASIS OF DESIGN: BASALITE COLOR: NATURAL
HM	HOLLOW METAL DOORS & WINDOWS BASIS OF DESIGN: COLOR: KM4833 CAMPING TRIP (DOOR PANELS), KM27 BONE (DOOR & WINDOW FRAMES)
SP-1	METAL SOFFIT PANEL BASIS OF DESIGN: AEP SPAN PRESTIGE COLOR: COOL SAGE GREEN
SF	STOREFRONT SYSTEM BASIS OF DESIGN: KAWNEER STOREFRONT TRIFAB VG 451T COLOR: TBD BY ARCHITECT
RF-1	SINGLE PLY ROOFING COLOR: TBD BY ARCHITECT
RF-2	STANDING SEAM METAL ROOF (UPPER ROOF) BASIS OF DESIGN: AEP SPAN-LOK COLOR: COOL WEATHERED COPPER
RF-3	METAL DECK ROOF (LUNCH SHELTER) COLOR: KM4581 BATWING (TOP OF DECK, BEAMS, AND FASCIA), KM27 BONE (UNDERSIDE OF DECK)
RF-4	METAL DECK ROOF (COVERED CANOPY) COLOR: KM4581 BATWING
EP-1	EXTERIOR PAINT COLOR: KM4581 BATWING
EP-2	EXTERIOR PAINT COLOR: KM3871-3 MOUNTAIN PINE
EP-3	EXTERIOR PAINT COLOR: KM27 BONE

KEY PLAN



LIONAKIS

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CONSULTANT

SEAL



PROJECT

MEADOW HEIGHTS
MULTI-PURPOSE BUILDING
INCREMENT 2
2619 DOLORES ST.
SAN MATEO, CA 94403

CLIENT

SAN MATEO FOSTER CITY SD
1170 CHESS DRIVE FOSTER CITY, CA 94404

ISSUED

MARK	DATE	DESCRIPTION
	01/23/2023	DSA SUBMITTAL INC 2
	08/09/2023	DSA BACKCHECK INC 2
	Date 5	Revision 5

MANAGEMENT

LIONAKIS PROJECT NO: 02108
DSA APPLICATION NO: 01-120016

TITLE

ELEVATIONS -
EXTERIOR

SHEET

2.A-211

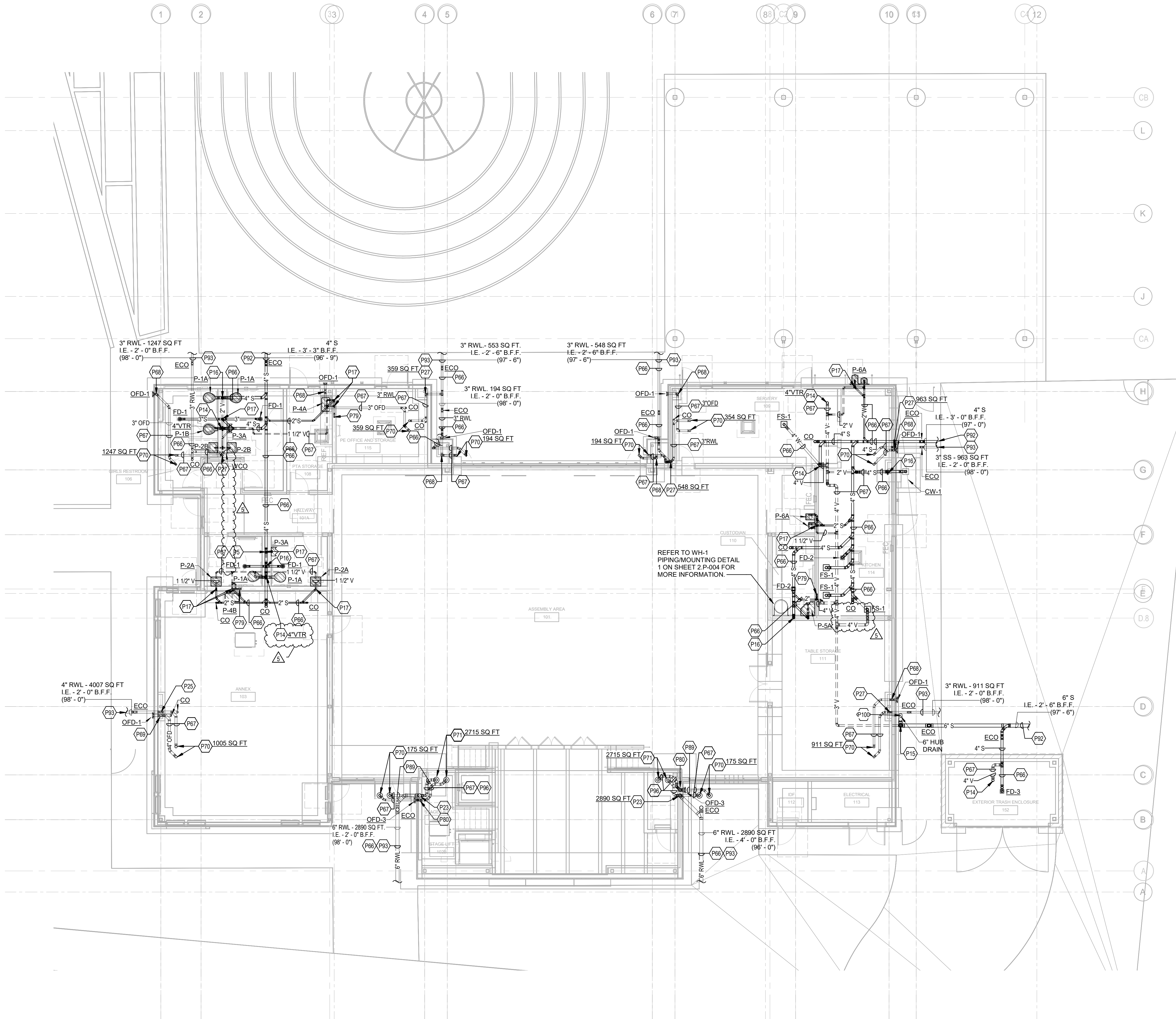
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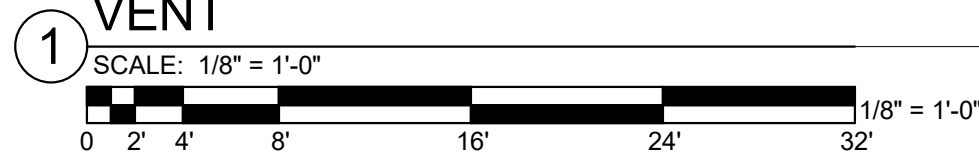
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BM 390.02108 Meadow Heights Multipurpose BME22_MFP2_P2014

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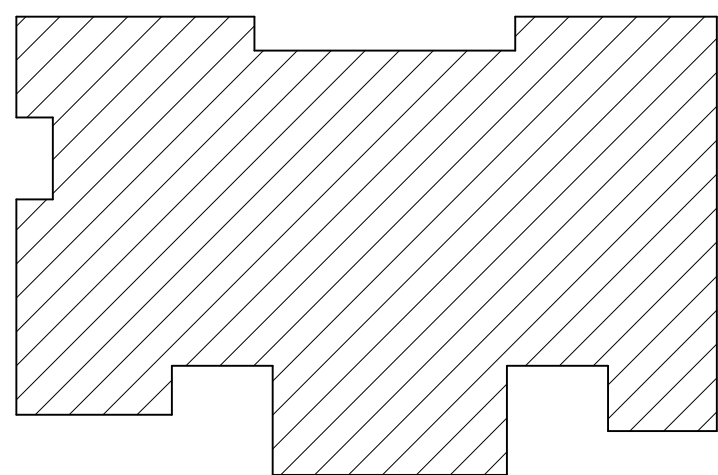
LEVEL 1 - PLUMBING - SANITARY WASTE AND VENT



KEYNOTES

- P5 2" W. UP.
- P14 4" V. UP.
- P15 3" V. UP.
- P16 2" V. UP.
- P17 1-1/2" V. UP.
- P23 6" RWL DN.
- P25 4" RWL DN.
- P27 3" RWL DN.
- P66 ROUTED BELOW SLAB
- P67 ROUTED ABOVE CEILING. REFER TO PIPE MOUNTING DETAIL 1 ON SHEET 2.P-005 FOR MORE INFORMATION.
- P68 3" OFD DN TO 18" ABOVE FINISHED GRADE. TURN PIPING OUT TO EXTERIOR. TERMINATE AT OSD-1. COORDINATE PENETRATION THROUGH EXTERIOR WALL WITH ARCHITECTURAL PLANS, EXTERIOR FINISHES, AVOID SEAMS, EXPANSION JOINTS, ETC.
- P69 4" OFD DN TO 18" ABOVE FINISHED GRADE. TURN PIPING OUT TO EXTERIOR. TERMINATE AT OSD-1. COORDINATE PENETRATION THROUGH EXTERIOR WALL WITH ARCHITECTURAL PLANS, EXTERIOR FINISHES, AVOID SEAMS, EXPANSION JOINTS, ETC.
- P70 3" RWL, OFD UP TO RD-1, OFD-1.
- P71 4" RWL, OFD UP TO RD-2, OFD-2.
- P79 PROVIDE ACCESS THROUGH CEILING FOR IWR CONNECTION. REFER TO IWR CONNECTION DETAIL 5 ON SHEET 2.P-005 FOR MORE INFORMATION.
- P80 6" OFD DN TO 18" ABOVE FINISHED GRADE. TURN PIPING OUT TO EXTERIOR. TERMINATE AT OFD-3. COORDINATE PENETRATION THROUGH EXTERIOR WALL WITH ARCHITECTURAL PLANS, EXTERIOR FINISHES, AVOID SEAMS, EXPANSION JOINTS, ETC.
- P89 COORDINATE STORM PIPING WITH MECHANICAL CONTRACTOR, DUCTWORK, STRUCTURAL.
- P92 CONNECT BUILDING SANITARY SOIL PIPING TO SANITARY SOIL PIPING. COORDINATE WITH THE SITE UTILITY CONTRACTOR PRIOR TO INSTALLATION OR LAYOUT OF ANY PIPING TO ENSURE SITE AND BUILDING PIPING CONNECTIONS LOCATIONS AND INVERT ELEVATIONS ARE COORDINATED. PROVIDE REDUCER FITTINGS AS REQUIRED FOR CONNECTION TO SITE PIPING.
- P93 CONNECT RWL PIPING TO SITE STORM DRAIN PIPING. COORDINATE WITH THE SITE UTILITY CONTRACTOR PRIOR TO INSTALLATION OR LAYOUT OF ANY PIPING TO ENSURE SITE AND BUILDING PIPING CONNECTIONS LOCATIONS AND INVERT ELEVATIONS ARE COORDINATED. PROVIDE REDUCER FITTINGS AS REQUIRED FOR CONNECTION TO SITE PIPING.
- P96 ROUTE RWL PIPING AS HIGH AS POSSIBLE AND HOLD TIGHT TO STRUCTURE.
- P100 PROVIDE 10" HUB DRAIN FOR DISCHARGE OF FIRE PROTECTION SYSTEM PIPING. REFER TO DETAIL 7 ON SHEET 2.P-005

KEY PLAN



TITLE
**PLUMBING FLOOR PLAN
- SANITARY WASTE AND
VENT**

SHEET

2.P-100

SEAL



PROJECT

**MEADOW HEIGHTS
MULTI-PURPOSE BUILDING
INCREMENT 2**
2619 DOLORES ST.
SAN MATEO, CA 94403

CLIENT

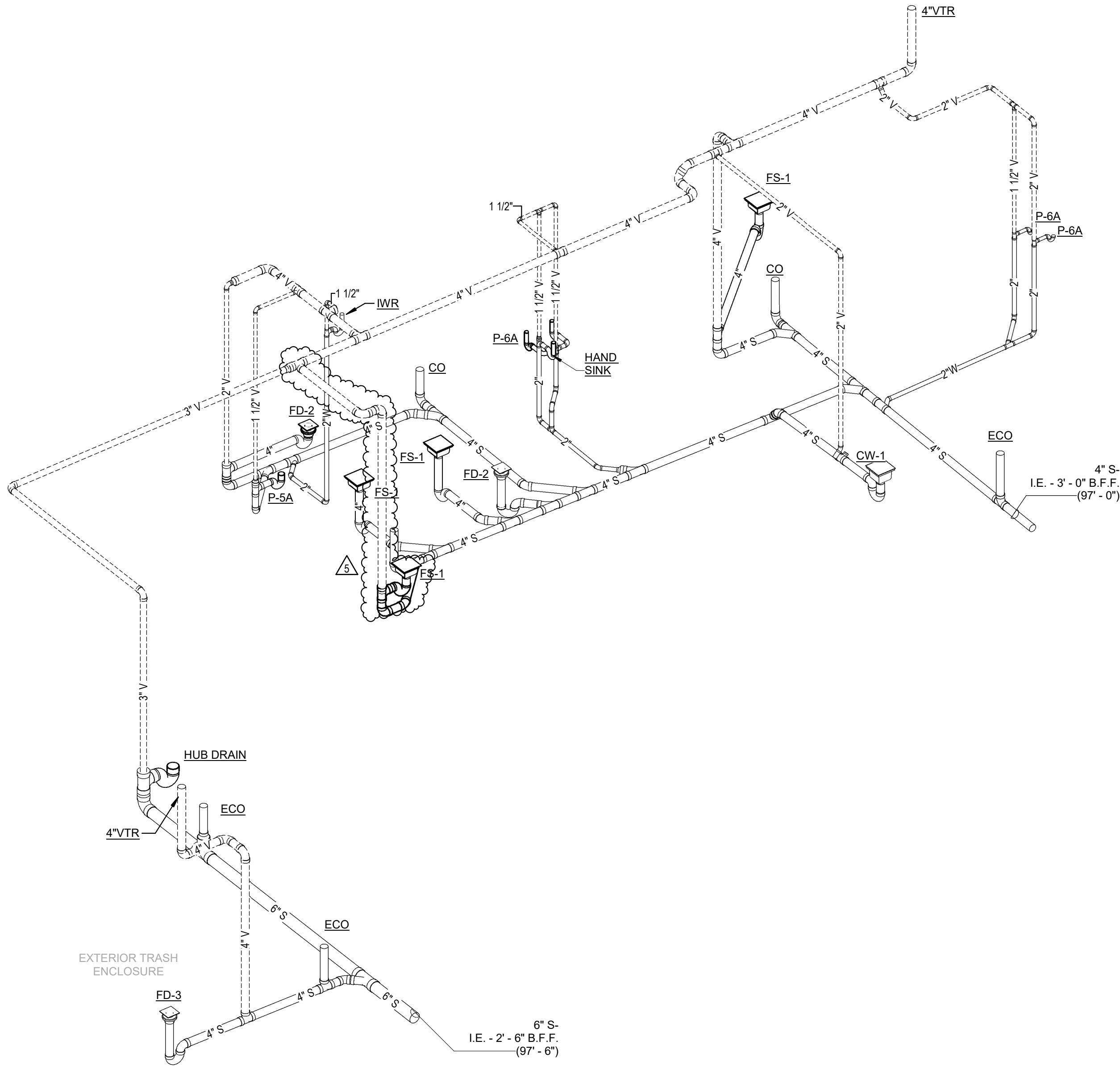
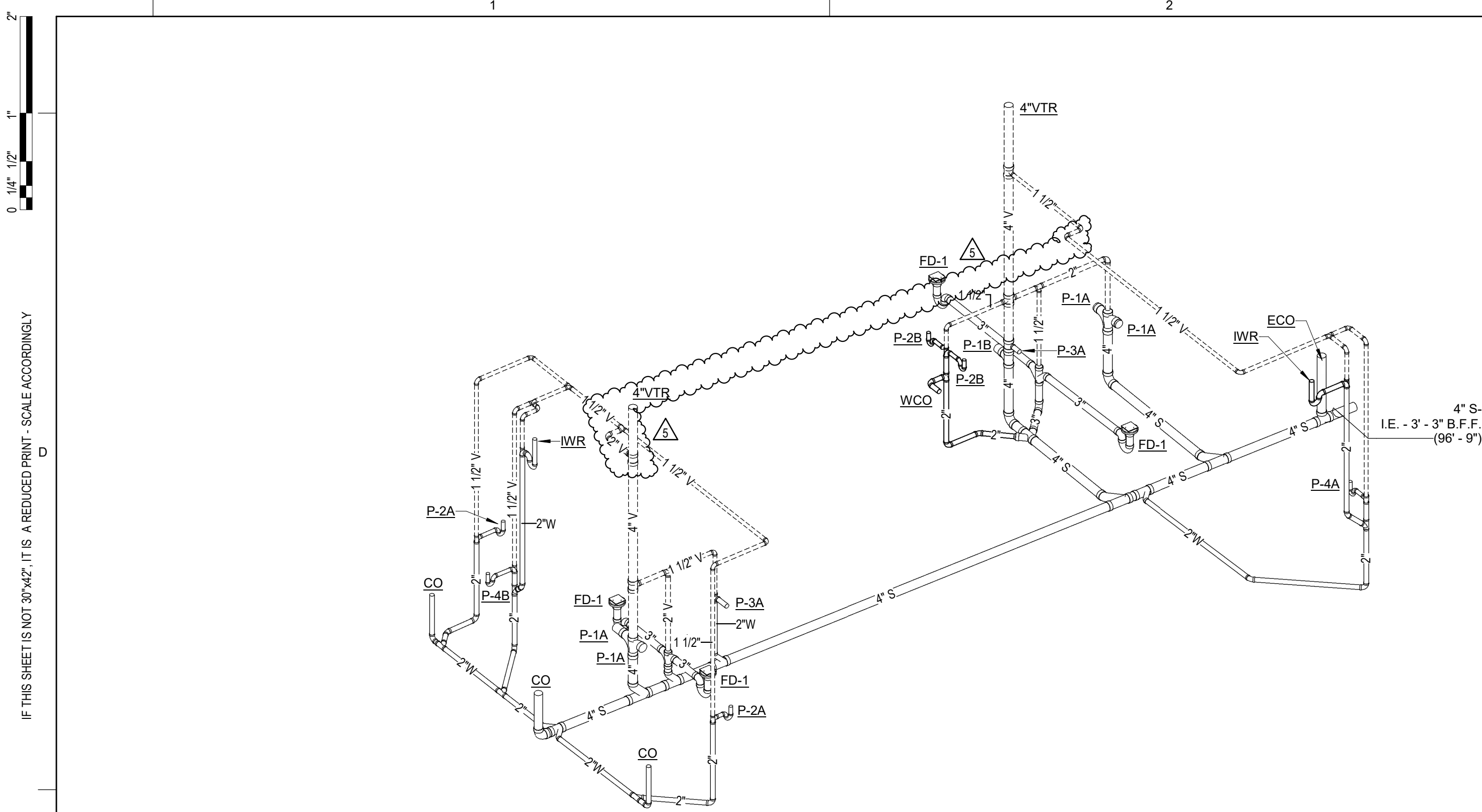
SAN MATEO FOSTER CITY SCHOOL DISTRICT
1170 CHESS DRIVE FOSTER CITY, CA 94404

ISSUED

MARK	DATE	DESCRIPTION
	01/23/2023	DSA SUBMITTAL INC 2
	08/09/2023	DSA BACKCHECK INC 2
	10/27/2023	DSA BACKCHECK INC 3
	01/11/2024	ADDENDUM 03

MANAGEMENT

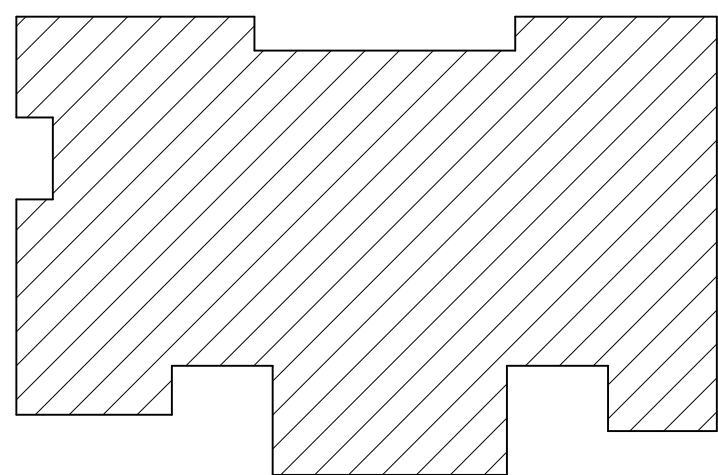
LIONAKIS PROJECT NO.	021086
DSA APPLICATION NO.	01-120016



1 SANITARY WASTE AND VENT RISERS

NO SCALE

KEY PLAN



TITLE
PLUMBING - SANITARY
WASTE RISERS

SHEET
2.P-200

SEAL



PROJECT
MEADOW HEIGHTS
MULTI-PURPOSE BUILDING
INCREMENT 2
2619 DOLORES ST.,
SAN MATEO, CA 94403

CLIENT
SAN MATEO FOSTER CITY SCHOOL DISTRICT
1170 CHESS DRIVE FOSTER CITY, CA 94404

ISSUED		
MARK	DATE	DESCRIPTION
	01/23/2023	DSA SUBMITTAL INC 2
	08/09/2023	DSA BACKCHECK INC 2
	10/27/2023	DSA BACKCHECK INC 3
	01/11/2024	ADDENDUM 03

MANAGEMENT	
LIONAKIS PROJECT NO.	021088
DSA APPLICATION NO.	01-120016