

20-08/DAVIDSON MIDDLE SCHOOL PORTABLE DEMOLITION MANUAL

REVISION 1.0

PROJECT/CONTRACT NUMBER: 20-08

This project is for the demolition & limited abatement of 10 portable buildings, including electrical and low voltage disconnects, removal and disposal of the portables, recycling of materials, limited fencing repairs and replacement, and restoration of the surrounding paving or grass areas.

SAN RAFAEL CITY SCHOOLS

October 13, 2020

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DOCUMENTS

SRCS Davidson Middle School Portables 70-79 Hazardous Materials Survey Report dated May 7th, 2020 prepared by Terracon

END OF DOCUMENT

NOTICE TO BIDDERS

1. Notice is hereby given that the governing board ("Board") of the San Rafael City Schools ("District") will receive sealed bids for the following project, Bid No.20-08, Bid Package Davidson Middle School Portable Demolition Project ("Project" or "Contract"):

Davidson Middle School Portable Demolition Project

2. The Project consists of:

This project is for the demolition & limited abatement of 10 portable buildings, including electrical and low voltage disconnects, removal and disposal of the portables, recycling of materials, limited fencing repairs and replacement, and restoration of the surrounding paving or grass areas.

3. To bid on this Project, the Bidder is required to possess one or more of the following State of California contractors' license(s):

A, B, C21

The Bidder's license(s) must remain active and in good standing throughout the term of the Contract.

4. To bid on this Project, the Bidder is required to be registered as a public works contractor with the Department of Industrial Relations pursuant to the Labor Code.
5. Contract Documents will be available on or after Oct 16th, 2020, for review at the SRCS Bond Program Website, and may be downloaded from <https://www.srcsbondprogram.org/> using the [***Doing Business With Us***] link.
6. All questions about the meaning or intent of the Contract Documents are to be directed via email to the District to Dan Zaich, dzaich@srcs.org and cc'd to wgong@ccorpusa.com. Interpretations or clarifications considered necessary by the District in response to such questions will be issued in writing by Addenda and will be posted on the District's website at <https://www.srcsbondprogram.org/>. Questions received after **1:00 p.m. on November 2nd, 2020 will not be answered**. Only questions answered by formal written Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.
7. **Bids will be received until 1:00:00 p.m., November 5th, 2020, bids and all required documents will be accepted only by email as a pdf attachment. Email bids and all required documents to the District to Dan Zaich, Senior Director – Capital Improvements, Sustainable Design and Construction, at dzaich@srcs.org. Bids email subject line must contain "Bid #20-08."** Signature of the bidder where required on documents may be made digitally or by scanning the signed original into pdf format. After all bids are received, the District will open each electronic submission and publicly read the bid results in a virtual

meeting. The link to the virtual meeting will be sent to the email address from which each bid is received at the time they are received.

Any bid that is submitted after 1:00:00 pm, November 5th, 2020 shall be nonresponsive and returned to the bidder unopened. 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.

8. Pursuant to Public Contract Code section 20111.5, only prequalified bidders will be eligible to submit a bid for this Project. Any bid submitted by a bidder who is not prequalified shall be non-responsive and returned unopened to the bidder.
9. 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.
10. A bid bond by an admitted surety insurer on the form provided by the District a cashier's check or a certified check, drawn to the order of the San Rafael City Schools, in the amount of ten percent (10%) of the total bid price, shall accompany the Bid Form and Proposal, as a guarantee that the Bidder will, 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.
11. **A mandatory pre-bid conference and site visit will be held on October 28th, 2020, at 9:00 a.m.** at 280 Woodland Ave, San Rafael, CA 94901.
 - a. Due to County Health Department order participants must follow all requirements by wearing masks and maintaining social distancing while attending the pre-bid conference. In addition, all attendees will be screened by District site staff with a temperature check and health questionnaire.
 - b. All participants are to meet in front of the Administration Building and will be escorted to the project location. The Pre-Bid Conference and site visit is expected to take approximately 30 minutes. Failure to attend the Pre-Bid Conference or tardiness will render bid ineligible.
12. 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 Work.
13. 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.
14. The Contractor and all Subcontractors under the Contractor shall pay all workers on all 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 section 1770 et seq. of the California Labor Code. Prevailing wage rates are also available from the District or on the Internet at: <<http://www.dir.ca.gov>>.

15. This Project is subject to labor compliance monitoring and enforcement by the Department of Industrial Relations pursuant to Labor Code section 1771.4 and subject to the requirements of Title 8 of the California Code of Regulations. The successful Bidder shall comply with all requirements of Division 2, Part 7, Chapter 1, Articles 1-5 of the Labor Code.
16. The District shall award the Contract, if it awards it at all, to the lowest responsive responsible bidder based on:
 - A. The base bid amount only.
17. The 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.

END OF DOCUMENT

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 Rafael City Schools ("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. Bids are requested for a general construction contract, or work described in general, for the following project ("Project" or "Contract"):

Davidson Middle School Portable Demolition Project

2. A Bidder and its subcontractors must possess the appropriate State of California contractors' license and must maintain the license throughout the duration of the project. Bidders must also be registered as a public works contractor with the Department of Industrial Relations pursuant to the Labor Code. Bids submitted by a contractor who is not properly licensed or registered shall be deemed nonresponsive and will not be considered.
3. The District has prequalified bidders pursuant to Public Contract Code section 20111.5. Only prequalified bidders will be eligible to submit a bid for this Project. Any bid submitted by a bidder who is not prequalified shall be deemed nonresponsive and will not be considered.
4. District will receive sealed bids from bidders as stipulated in the Notice to Bidders.
 - a. All bids must be sealed in an envelope, marked with the name and address of the Bidder, name of the Project, the Project Number and/or bid number, and time of bid opening.
 - b. Bids must be submitted to the District Office (310 Nova Albion Way, San Rafael CA 94903) by date and time shown in the Notice to Bidders.
 - c. Bids must contain all documents as required herein.
5. Bidders are advised that on the date that bids are opened, telephones will not be available at the District Offices for use by bidders or their representatives.
6. Bids will be opened at or after the time indicated for receipt of bids.
7. Bidders must submit bids on the documents titled Bid Form and Proposal, and must submit all other required District forms. Bids not submitted on the District's required forms shall be deemed nonresponsive and shall not be considered. Additional sheets required to fully respond to requested information are permissible.
8. Bidders shall not modify the Bid Form and Proposal or qualify their bids. Bidders shall not submit to the District a re-formatted, re-typed, altered, modified, or

otherwise recreated version of the Bid Form and Proposal or other District-provided document.

9. Bids shall be clearly written and without erasure or deletions. District reserves the right to reject any bid containing erasures, deletions, or illegible contents.
10. 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 nonresponsive as a result of any error or omission in the bid. Bidders must complete and submit all of the following documents with the Bid Form and Proposal:
 - a. Bid Bond on the District's form, or other security.
 - b. Designated Subcontractors List.
 - c. Site Visit Certification.
 - d. Non-Collusion Declaration.
11. Bidders must submit with their bids 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 amount of Base Bid, plus all additive alternates ("Bid Bond"). If Bidder chooses to provide a Bid Bond as security, Bidder must use the required form of corporate surety provided by District. The Surety on Bidder's 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 nonresponsive and will not be considered.
12. If Bidder to whom the Contract is awarded fails or neglects to enter into the Contract and submit required bonds, insurance certificates, and all other required documents, within **SEVEN (7)** calendar days after the date of the Notice of Award, District may deposit Bid Bond, cash, cashier's check, or certified check for collection, and proceeds thereof may be retained by District as liquidated damages for failure of Bidder to enter into Contract, in the sole discretion of District. It is agreed that calculation of damages District may suffer as a result of Bidder's failure to enter into the Contract would be extremely difficult and impractical to determine and that the amount of the Bidder's required bid security shall be the agreed and conclusively presumed amount of damages.
13. 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 total bid. Failure to submit this list when required by law shall result in bid being deemed nonresponsive and the bid will not be considered.
14. All of the listed subcontractors are required to be registered as a public works contractor with the Department of Industrial Relations pursuant to the Labor Code.
 - a. An inadvertent error in listing the California contractor license number on the Designated Subcontractors List shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive if the correct contractor's

license number is submitted to the District within 24 hours after the bid opening and the corrected number corresponds with the submitted name and location for that subcontractor.

- b. An inadvertent error listing an unregistered subcontractor shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive provided that any of the following apply:
 - (1) The subcontractor is registered prior to the bid opening.
 - (2) The subcontractor is registered and has paid the penalty registration fee within 24 hours after the bid opening.
 - (3) The subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
15. If a mandatory pre-bid conference and site visit ("Site Visit") is required as referenced in the Notice to Bidders, then Bidders must submit the Site Visit Certification with their Bid. District will transmit to all prospective Bidders of record such Addenda as District in its discretion considers necessary in response to questions arising at the Site Visit. Oral statements shall not be relied upon and will not be binding or legally effective. Addenda issued by the District as a result of the Site Visit, if any, shall constitute the sole and exclusive record and statement of the results of the Site Visit.
16. Bidders shall submit the Non-Collusion Declaration with their bids. Bids submitted without the Non-Collusion Declaration shall be deemed nonresponsive and will not be considered.
17. The Contractor and all Subcontractors under the Contractor 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 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. 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 Director of the Department of Industrial Relations, are available upon request at the District's principal office. Prevailing wage rates are also available on the internet at <http://www.dir.ca.gov>.
18. 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 or demonstrate its good faith effort to solicit DVBE participation in this Contract. In order to meet this requirement by demonstrating a good faith effort, Bidder must advertise for DVBE-certified subcontractors and suppliers before submitting its Bid. For any project that is at least partially state-funded, the lowest responsive responsible Bidder awarded the Contract must submit certification of compliance with the procedures for implementation of DVBE contracting goals with its signed

Agreement. DVBE Certification form is attached. Do not submit this form with your Bid.

19. Submission of bid signifies careful examination of Contract Documents and 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 a bid shall constitute the Bidder's express representation to District that Bidder has fully completed the following:
- a. Bidder has visited the 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 Sum, within the Contract Time, and in accordance with the other terms and conditions of Contract Documents, including specifically the provisions of the General Conditions; and no additional examinations, investigations, explorations, tests, reports, studies, or similar information or data are or will be required by Bidder for such purposes;
 - c. Bidder has correlated its knowledge and the results of all such 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(s) thereof by the District is/are 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 this document and that Bidder represented in its Bid Form and Proposal and the Agreement that it performed prior to bidding. Contractor under this Contract 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 such information is correctly shown or indicated. This information is verifiable by independent investigation and Bidder is required to make such 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 such information for bidding or construction; nor is District responsible in any way for any conclusions or opinions that the Bidder has drawn from such information; nor is the District responsible for subsurface conditions that are not specifically shown (for example, District is not responsible for soil conditions in areas contiguous to areas where a subsurface condition is shown).
- h. Conditions Shown in Reports and Drawings Supplied for Informational Purposes: Reference is made to the document entitled Geotechnical Data, and the document entitled Existing Conditions, for identification of:
- (1) Subsurface Conditions: Those reports of explorations and tests of subsurface conditions at or contiguous to the 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 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 Geotechnical Data and Existing Conditions, and underground facilities data, Bidder may not in any manner rely on the information in these reports and drawings. Subject to the foregoing, Bidder must make its own independent investigation of all conditions affecting the Work and must not rely on information provided by District.
20. Bids shall be based on products and systems specified in Contract Documents or listed by name in Addenda. 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." Bidder 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. The District is not responsible and/or liable in any way for a Contractor's damages and/or claims related, in any way, to that Contractor's basing its bid on any requested substitution that the District has not approved in advance and in writing. Contractors and materials suppliers who submit requests for substitutions prior to the award of the Contract must do so in writing and in compliance with Public Contract Code section 3400. All requests must comply with the following:

- a. District must receive any notice of request for substitution of a specified item a minimum of **TEN (10)** calendar days prior to bid opening. The Successful Bidder will not be allowed to substitute specified items unless properly noticed.
 - b. Within 35 days after the date of the Notice of Award, the Successful Bidder shall submit data substantiating the request(s) for all substitution(s) containing sufficient information to assess acceptability of product or system and impact on Project, including, without limitation, the requirements specified in the Special Conditions and the Specifications. Insufficient information shall be grounds for rejection of substitution.
 - c. Approved substitutions, if any, shall be listed in Addenda. District reserves the right not to act upon submittals of substitutions until after bid opening.
 - d. Substitutions may be requested after Contract has been awarded only if indicated in and in accordance with requirements specified in the Special Conditions and the Specifications.
21. 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 Conditions applies to all supplied "as-built" drawings.
 22. All questions about the meaning or intent of the Contract Documents are to be directed via email to the District to Dan Zaich, dzaich@srcs.org. Interpretations or clarifications considered necessary by the District in response to such questions will be issued in writing by Addenda and will be posted on the District's website at <https://www.srcsbondprogram.org>. 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.
 23. Addenda may also be issued to modify other parts of the Contract Documents as deemed advisable by the District.
 24. Each Bidder must acknowledge each Addendum in its Bid Form and Proposal by number or its Bid shall be considered non-responsive. Each Addendum shall be part of the Contract Documents. A complete listing of Addenda may be secured from the District.

25. This 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.
26. 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 Notice to Bidders. In the event two or more responsible bidders submit identical bids, the District shall select the Bidder to whom to award the Contract by lot.
27. Discrepancies between written words and figures, or words and numerals, will be resolved in favor of figures or numerals.
28. Bidders in contention for contract awards shall be required to attend a Post-Bid interview, which will be set within three (3) calendar days following bid opening. A duly authorized representative of the apparent low bidder is required to attend the Post Bid Interview, in person. The apparent low bidder's authorized representative(s) must have (1) knowledge of how the bid submitted was prepared, (2) the person responsible for supervising performance of the Work, and (3) the authority to bind the apparent low bidder. Failure to attend the Post Bid Interview as scheduled will be considered just cause for the District to reject the Bid as nonresponsive.
29. Any bid protest by any Bidder regarding any other bid must be submitted in writing to the District, before 5:00 p.m. of the **THIRD (3rd)** business day following bid opening.
 - a. Only a Bidder who has actually submitted a bid, and who could be awarded the Contract if the bid protest is upheld, is eligible to submit a bid protest. Subcontractors are not eligible to submit bid protests. A Bidder may not rely on the bid protest submitted by another Bidder.
 - b. A bid protest must contain a complete statement of any and all bases for the protest and all supporting documentation. Materials submitted after the bid protest deadline will not be considered.
 - c. The protest must refer to the specific portions of all documents that form the basis for the protest.
 - (1) Without limitation to any other basis for protest, an inadvertent error in listing the California contractor's license number on the Designated Subcontractors List shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive if the correct contractor's license number is submitted to the District within 24 hours after the bid opening and the corrected number corresponds with the submitted name and location for that subcontractor.
 - (2) Without limitation to any other basis for protest, an inadvertent error listing an unregistered subcontractor shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive provided that any of the following apply:
 - (i) The subcontractor is registered prior to the bid opening.

- (ii) The subcontractor is registered and has paid the penalty registration fee within 24 hours after the bid opening.
 - (iii) The subcontractor is replaced by another registered subcontractor pursuant to Public Contract Code section 4107.
 - d. The protest must include the name, address and telephone number of the person representing the protesting party.
 - e. 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. Such parties shall include all other bidders or proposers who appear to have a reasonable prospect of receiving an award depending upon the outcome of the protest.
 - f. 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.
30. The Bidder to whom Contract is awarded 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 reject the bid as nonresponsive.
- a. Agreement: To be executed by successful Bidder. Submit four (4) copies, each bearing an original signature.
 - b. Performance Bond (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
 - c. Payment Bond (Contractor's Labor and Material Bond) (100%): On the form provided in the Contract Documents and fully executed as indicated on the form.
 - d. Insurance Certificates and Endorsements as required.
 - e. Workers' Compensation Certification.
 - f. Prevailing Wage and Related Labor Requirements Certification.
 - g. Disabled Veteran Business Enterprise Participation Certification. **To be submitted in accordance with Document 00 45 46.02.**
 - h. Drug-Free Workplace Certification.
 - i. Tobacco-Free Environment Certification.
 - j. Criminal Background Investigation/Fingerprinting Certification.

- k. Registered Subcontractors List: Must include Department of Industrial Relations (DIR) registration number of each subcontractor for all tiers.
31. Time for Completion: District may issue a Notice to Proceed within **NINETY (90)** days from the date of the Notice of Award. Once Contractor has received the Notice to Proceed, Contractor shall complete the Work within the period of time indicated in the Contract Documents.
- a. In the event that the District desires to postpone issuing the Notice to Proceed beyond this 90-day period, it is expressly understood that with reasonable notice to the Contractor, the District may postpone issuing the Notice to Proceed.
 - b. It is further expressly understood by Contractor that Contractor shall not be entitled to any claim of additional compensation as a result of the postponement of the issuance of the Notice to Proceed beyond a 90-day period. If the Contractor believes that a postponement of issuance of the Notice to Proceed will cause a hardship to the Contractor, the Contractor may terminate the Contract. Contractor's termination due to a postponement beyond this 90-day period shall be by written notice to District within **TEN (10)** calendar days after receipt by Contractor of District's notice of postponement.
 - c. It is further understood by the Contractor that in the event that Contractor terminates the Contract as a result of postponement by the District, the District shall only be obligated to pay Contractor for the Work that Contractor had performed at the time of notification of postponement and which the District had in writing authorized Contractor to perform prior to issuing a Notice to Proceed.
 - d. Should the Contractor terminate the Contract as a result of a notice of postponement, District shall have the authority to award the Contract to the next lowest responsive responsible bidder.
32. District reserves the right to reject any or all bids, including without limitation the right to reject any or all nonconforming, nonresponsive, 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 any inconsequential deviations or irregularities in any bid. For purposes of this paragraph, an "unbalanced bid" is one having nominal prices for some work items and/or enhanced prices for other work items.
33. It is the policy of the District that no qualified person shall be excluded from participating in, be denied the benefits of, or otherwise be subjected to discrimination in any consideration leading to the award of contract, based on race, color, gender, sexual orientation, political affiliation, age, ancestry, religion, marital status, national origin, medical condition or disability. The Successful Bidder and its subcontractors shall comply with applicable federal and state laws, including, but not limited to the California Fair Employment and Housing Act, beginning with Government Code section 12900, and Labor Code section 1735.

34. 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 prescribed time.

END OF DOCUMENT

BID FORM AND PROPOSAL

To: Governing Board of San Rafael City Schools ("District" or "Owner")

From: _____
(Proper Name of Bidder)

The undersigned declares that Bidder has read and understands the Contract Documents, including, without limitation, the Notice to Bidders and the Instructions to Bidders, 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 of Bid No. 20-08, for the following project known as:

Davidson Middle School Portable Demolition Project

("Project" or "Contract") and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ dollars \$ _____
<i>BASE BID</i>
<i>Bidder acknowledges and agrees that the Base Bid accounts for any and all costs, including Allowance(S) for unforeseen conditions or owner requested changes.</i>

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

Additional Detail Regarding Calculation of Base Bid

1. **Allowance.** The Bidder’s Base Bid shall include a lump sum allowance for unforeseen conditions items and/or owner requested changes of **\$10,000**.

The above allowance shall only be allocated for unforeseen conditions relating to the Work or as requested by the owner. Contractor shall not bill for or be due any portion of this allowance unless the District has identified specific work, Contractor has submitted a price for that work or the District has proposed a price for that work, the District has accepted the cost for that work, and the District has prepared an Allowance Expenditure Directive incorporating that work. Contractor hereby authorizes the District to execute a unilateral deductive change order at or near the end of the Project for all or any portion of the allowance not allocated.

2. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, 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 Proposal, 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.
3. 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.
4. 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.
5. The liquidated damages clause of the General Conditions and Agreement is hereby acknowledged.
6. 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.
7. The following documents are attached hereto:
 - Bid Bond on the District's form or other security
 - Designated Subcontractors List
 - Site Visit Certification
 - Non-Collusion Declaration
8. Receipt and acceptance of the following Addenda is hereby acknowledged:

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

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

9. Bidder acknowledges that the license required for performance of the Work is a _____ license.
10. Bidder 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.
11. Bidder specifically acknowledges and understands that if it is awarded the Contract, that it shall perform the Work of the Project while complying with all requirements of the Department of Industrial Relations.
12. Bidder hereby certifies that its bid includes sufficient funds to permit Bidder to comply with all local, state or federal labor laws or regulations during the Project, including payment of prevailing wage, and that Bidder will comply with the provisions of Labor Code section 2810(d) if awarded the Contract
13. 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.
14. 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.
15. 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, 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.
16. The undersigned 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 and registered as a public works contractor with the Department of Industrial Relations. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

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 ____

Name of Bidder: _____

Type of Organization: _____

Signed by: _____

Title of Signer: _____

Address of Bidder: _____

Taxpayer Identification No. of Bidder: _____

Telephone Number: _____

Fax Number: _____

E-mail: _____ Web Page: _____

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

No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

Public Works Contractor Registration No.: _____

END OF DOCUMENT

BID BOND

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

KNOW ALL PERSONS BY THESE PRESENTS:

That 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 San Rafael City Schools ("District") of Marin County, State of California, as Obligee, in an amount equal to ten percent (10%) of the Base Bid plus alternates, in the sum of

_____ Dollars (\$ _____)

lawful money of the United States of America, for the payment of which sum well and truly to be made, we, and each of us, bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

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 for the following project: Davidson Middle School Portable Demolition Project ("Project" or "Contract").

NOW, THEREFORE, if the Principal is awarded the Contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented to Principal for signature, 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 Obligee becoming effective, or if the Principal shall fully reimburse and save harmless the Obligee from any damage sustained by the Obligee 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 Obligee becoming effective, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect. The full payment of the sum stated above shall be due immediately if Principal fails to execute the Contract within seven (7) days of the date of the District's Notice of Award to Principal.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract or 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 terms of the Contract or the call for bids, or to the work, or to the specifications.

In the event suit is brought upon this bond by the Obligee and judgment is recovered, the Surety shall pay all costs incurred by the Obligee in such 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 the _____ day of _____, 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

DESIGNATED SUBCONTRACTORS LIST
(Public Contact Code Sections 4100-4114)

PROJECT: Davidson Middle School Portable Demolition Project

Bidder acknowledges and agrees that it must clearly set forth below the name, location and California contractor license number of each subcontractor who will perform work or labor or render service to the Bidder in or about the construction of the Work or who will specially fabricate and install a portion of the Work according to detailed drawings contained in the plans and specifications in an amount in excess of one-half of one percent (0.5%) of Bidder's total Base Bid and the kind of Work that each will perform. Vendors or suppliers of materials only do not need to be listed.

Bidder acknowledges and agrees that, if Bidder fails to list as to any portion of Work, or if Bidder lists more than one subcontractor to perform the same portion of Work, Bidder must perform that portion itself or be subjected to penalty under applicable law. In case more than one subcontractor is named for the same kind of Work, state the portion of the kind of Work that each subcontractor will perform.

If alternate bid(s) is/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 (0.5%) of Bidder's total Base Bid plus alternate(s).

If further space is required for the list of proposed subcontractors, attach additional copies of page 2 showing the required information, as indicated below.

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Subcontractor Name: _____

CA Cont. Lic. #: _____ Location: _____

Portion of Work: _____

Date: _____

Proper Name of Bidder: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

SITE VISIT CERTIFICATION

TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID

PROJECT: Davidson Middle School Portable Demolition Project

Check option that applies:

_____ I certify that I visited the Site of the proposed Work, received the attached _____ pages of information, and became fully acquainted with the conditions relating to construction and labor. I fully understand the facilities, difficulties, and restrictions attending the execution of the Work under contract.

_____ I certify that _____ (Bidder's representative) visited the Site of the proposed Work, received the attached _____ pages of information, and became fully acquainted with the conditions relating to construction and labor. The Bidder's representative fully understood the facilities, difficulties, and restrictions attending the execution of the Work under contract.

Bidder fully indemnifies the _____ School District, its Architect, its Engineers, its Construction Manager, and all of their respective officers, agents, employees, and consultants from any damage, or omissions, related to conditions that could have been identified during my visit and/or the Bidder's representative's visit to the Site.

I certify under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Date: _____

Proper Name of Bidder: _____

Signature: _____

Print Name: _____

Title: _____

ATTACHMENTS:

- 1.
- 2.
- 3.

END OF DOCUMENT

NON-COLLUSION DECLARATION
(Public Contract Code Section 7106)

The undersigned declares:

I am the _____ of _____, the party making the foregoing bid.
[Title] [Name of Firm]

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 _____,
[Date]

at _____, _____.
[City] [State]

Date: _____

Proper Name of Bidder: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

WORKERS' COMPENSATION CERTIFICATION

PROJECT/CONTRACT NO.: Davidson Middle School Portable Demolition Project / 20-08
between San Rafael City Schools ("District") and _____
("Contractor" or "Bidder") ("Contract" or "Project").

Labor Code section 3700, in relevant part, provides:

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

- a. By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this state; and/or
- b. By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

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.

Date: _____

Proper Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

(In accordance with Labor Code sections 1860 and 1861, the above certificate must be signed and filed with the awarding body prior to performing any Work under this Contract.)

END OF DOCUMENT

**PREVAILING WAGE AND
RELATED LABOR REQUIREMENTS CERTIFICATION**

PROJECT/CONTRACT NO.: Davidson Middle School Portable Demolition Project / 20-08
between San Rafael City Schools ("District") and _____
_____ ("Contractor" or "Bidder") ("Contract" or "Project").

I hereby certify that I will conform to the State of California Public Works Contract requirements regarding prevailing wages, benefits, on-site audits with 48-hours' notice, payroll records, and apprentice and trainee employment requirements, for all Work on the above Project including, without limitation, labor compliance monitoring and enforcement by the Department of Industrial Relations.

Date: _____

Proper Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

**DISABLED VETERAN BUSINESS
ENTERPRISE PARTICIPATION CERTIFICATION**

PROJECT/CONTRACT NO.: Davidson Middle School Portable Demolition Project / 20-08
between San Rafael City Schools ("District") and _____
_____ ("Contractor" or "Bidder") ("Contract" or "Project").

GENERAL INSTRUCTIONS

Section 17076.11 of the Education Code requires school districts using, or planning to use, 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") 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. Therefore, the lowest responsive responsible Bidder awarded the Contract must submit this document to the District with its executed Agreement, identifying the steps contractor took to solicit DVBE participation in conjunction with this Contract. **Do not submit this form with your bids. This form must be provided to the District no later than four (4) calendar days after bid opening.**

PART I – Method of Compliance with DVBE Participation Goals. Check the appropriate box to indicate your method of committing the contract dollar amount.

YOUR BUSINESS ENTERPRISE IS:	AND YOU WILL	AND YOU WILL
A. your forces will perform at least 3% of this Contract	Include a copy of your DVBE letter from Office of Small Business and Disabled Veterans Business Enterprise Services ("OSDS")*	Complete Part 1 of this form and the Certification
B. unable to perform 3% of this Contract with your forces	Use DVBE subcontractors /suppliers to bring the Contract participation to at least 3%	Include a copy of each DVBE's letter from OSDS (including yours, if applicable), and complete Part 1 of this form and the Certification
C.	Use DVBE subcontractors /suppliers for at least 3% of this Contract	
D. participation goals	Complete all of this form and the Certification	

* A DVBE letter from OSDS is obtained from the participating DVBE.

You must complete the following table to show the dollar amount of DVBE participation:

	TOTAL CONTRACT PRICE
A. Prime Bidder, if DVBE (own participation)	\$
B. DVBE Subcontractor or Supplier	
1.	
2.	
3.	
4.	
C. Subtotal (A & B)	
D. Non-DVBE	
E. Total Bid	

PART II – Contacts. To identify DVBE subcontractors/suppliers for participation in your contract, you must contact each of the following categories. You should contact several DVBE organizations.

CATEGORY	TELEPHONE NUMBER	DATE CONTACTED	PERSON CONTACTED
1. The District, if any			*
2. OSDS, provides assistance locating DVBEs at https://caleprocure.ca.gov/pages/PublicSearch/supplier-search.aspx	(916) 375-4940		*
3. DVBE Organization (List)			*

*Write "recorded message" in this column, if applicable.

PART III – Advertisement. You must advertise for DVBE participation in both a trade and focus paper. List the advertisement you place to solicit DVBE participation. Advertisements should be published at least fourteen (14) days prior to bid/proposal opening; if you cannot advertise fourteen (14) days prior, advertisements should be published as soon as possible. Advertisements must include that your firm is seeking DVBE participation, the project name and location, and your firm’s name, your contact person, and telephone number. Attach copies of advertisements to this form.

FOCUS/TRADE PAPER NAME	CHECK ONE		DATE OF ADVERTISEMENT
	TRADE	FOCUS	

PART IV – DVBE Solicitations. List DVBE subcontractors/suppliers that were invited to bid. Use the following instructions to complete the remainder of this section (read the three columns as a sentence from left to right). If you need additional space to list DVBE solicitations, please use a separate page and attach to this form.

IF THE DVBE.....	THEN.....	AND.....		
was selected to participate	Check "YES" in the "SELECTED" column	include a copy of their DVBE letter(s) from OSDS		
was NOT selected to participate	Check "NO" in the "SELECTED" column	state why in the "REASON NOT SELECTED" column		
did not respond to your solicitation	Check the "NO RESPONSE" column.			
DVBE CONTACTED	SELECTED		REASON NOT SELECTED	NO RESPONSE
	YES	NO		

A copy of this form must be retained by you and may be subject to a future audit.

CERTIFICATION

I, _____, certify that I am the bidder's _____ and that I have made a diligent effort to ascertain the facts with regard to the representations made herein. In making this certification, I am aware of section 12650 et seq. of the Government Code providing for the imposition of treble damages for making false claims.

Date: _____

Proper Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

DRUG-FREE WORKPLACE CERTIFICATION

PROJECT/CONTRACT NO.: Davidson Middle School Portable Demolition Project / 20-08
between San Rafael City Schools ("District") and _____
_____ ("Contractor" or "Bidder") ("Contract" or "Project").

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

The District is not a "state agency" as defined in the applicable section(s) of the Government Code, but the District is a local agency and public school district under California law and requires all contractors on District projects to comply with the provisions and requirements of the Drug-Free Workplace Act of 1990.

Contractor must also comply with the provisions of Health & Safety Code section 11362.3 which prohibits the consumption or possession of cannabis or cannabis products in any public place, including school grounds, and specifically on school grounds while children are present.

Contractor shall certify that it will provide a drug-free workplace by doing all of the following:

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

condition of employment on the contract or grant, the employee agrees to abide by the terms of the statement.

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

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

I acknowledge that I am aware of the provisions of and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990 and Health and Safety Code section 11362.3.

Date: _____

Proper Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

TOBACCO-FREE ENVIRONMENT CERTIFICATION

PROJECT/CONTRACT NO.: Davidson Middle School Portable Demolition Project / 20-08
between San Rafael City Schools ("District") and _____
_____ ("Contractor" or "Bidder") ("Contract" or "Project").

This Tobacco-Free Environment Certification form is required from the successful Bidder.

Pursuant to, without limitation, 20 U.S.C. section 6083, Labor Code section 6400 et seq., Health & Safety Code section 104350 et seq., Business and Professions Code section 22950 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. The prohibition on smoking includes the use of any electronic smoking device that creates an aerosol or vapor, in any manner or in any form, and the use of any oral smoking device for the purpose of circumventing the prohibition of tobacco smoking. Further, Health & Safety Code section 11362.3 prohibits the smoking or use of cannabis or cannabis products in any place where smoking tobacco is prohibited.

I acknowledge that I am aware of the District's policy regarding tobacco-free environments at District sites, including the Project site and hereby 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.

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

END OF DOCUMENT

CRIMINAL BACKGROUND INVESTIGATION
/FINGERPRINTING CERTIFICATION

PROJECT/CONTRACT NO.: Davidson Middle School Portable Demolition Project / 20-08
between San Rafael City Schools ("District") and _____
_____ ("Contractor" or "Bidder") ("Contract" or "Project").

The undersigned does hereby certify to the governing board of the District as follows:

That I am a representative of the Contractor currently under contract with the District; that I am familiar with the facts herein certified; and that I am authorized and qualified to execute this certificate on behalf of Contractor.

Contractor certifies that it has taken at least one of the following actions with respect to the construction Project that is the subject of the Contract (check all that apply):

- The Contractor is a sole proprietor and intends to comply with the fingerprinting requirements of Education Code section 45125.1(k) with respect to all Contractor's employees who may have contact with District pupils in the course of providing services pursuant to the Contract, and hereby agrees to the District's preparation and submission of fingerprints such that the California Department of Justice may determine that none of those employees has been convicted of a felony, as that term is defined in Education Code section 45122.1. No work shall commence until such determination by DOJ has been made.

As an authorized District official, I am familiar with the facts herein certified, and am authorized to execute this certificate on behalf of the District and undertake to prepare and submit Contractor's fingerprints as if he or she was an employee of the District.

Date: _____

District Representative's Name and Title: _____

District Representative's Signature: _____

- The Contractor, who is not a sole proprietor, 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 may have contact with District pupils in the course of providing services pursuant to the Contract, and the California Department of Justice has determined that none of those employees has been convicted of a felony, as that term is defined in Education Code section 45122.1. A complete and accurate list of Contractor's employees and of all of its subcontractors' employees who may come in contact with District pupils during the course and scope of the Contract is attached hereto; and/or
- Pursuant to Education Code section 45125.2, Contractor has installed or will install, prior to commencement of Work, a physical barrier at the Work Site, that will limit contact between Contractor's employees and District pupils at all times; and/or

- 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, or as described below, will ascertain, has not been convicted of a violent or serious felony. The name and title of the employee who will be supervising Contractor's and its subcontractors' employees is:

Name: _____

Title: _____

NOTE: If the Contractor is a sole proprietor, and elects the above option, Contractor must have the above-named employee's fingerprints prepared and submitted by the District, in accordance with Education Code section 45125.1(k). No work shall commence until such determination by DOJ has been made.

As an authorized District official, I am familiar with the facts herein certified, and am authorized to execute this certificate on behalf of the District and undertake to prepare and submit Contractor's fingerprints as if he or she was an employee of the District.

Date: _____

District Representative's Name and Title: _____

District Representative's Signature: _____

- The Work on the Contract is either (i) at an unoccupied school site and no employee and/or subcontractor or supplier of any tier of the Contract shall come in contact with the District pupils or (ii) Contractor's employees or any subcontractor or supplier of any tier of the Contract will have only limited contact, if any, with District pupils and the District will take appropriate steps to protect the safety of any pupils that may come in contact with Consultant's employees, subcontractors or suppliers so that the fingerprinting and criminal background investigation requirements of Education Code section 45125.1 shall not apply to Contractor under the Contract.*

As an authorized District official, I am familiar with the facts herein certified, and am authorized to execute this certificate on behalf of the District.

Date: _____

District Representative's Name and Title: _____

District Representative's Signature: _____

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: _____

REGISTERED SUBCONTRACTORS LIST
(Labor Code Section 1771.1)

PROJECT: Davidson Middle School Portable Demolition Project / 20-08

Date Submitted (for Updates): _____

Contractor acknowledges and agrees that it must clearly set forth below the name and Department of Industrial Relations (DIR) registration number of each subcontractor **for all tiers** who will perform work or labor or render service to Contractor or its subcontractors in or about the construction of the Work **at least two (2) weeks before the subcontractor is scheduled to perform work**. This document is to be updated as all tiers of subcontractors are identified.

Contractor acknowledges and agrees that, if Contractor fails to list as to any subcontractor of any tier who performs any portion of Work, the Contract is subject to cancellation and the Contractor will be subjected to penalty under applicable law.

If further space is required for the list of proposed subcontractors, attach additional copies of page 2 showing the required information, as indicated below.

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

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DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Subcontractor Name: _____

DIR Registration #: _____

Portion of Work: _____

Date: _____

Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

NOTICE OF AWARD

Dated: _____ 20__

To: _____ (Contractor)

To: _____
(Address)

From: Governing Board ("Board") of the San Rafael City Schools ("District")

Re: Davidson Middle School Portable Demolition Project, Project No. 20-08
("Project").

Contractor has been awarded the Contract for the above-referenced Project on _____
_____, 20__, by action of the District's Board.

The Contract Price is _____ Dollars (\$ _____), and
includes alternates _____.

Three (3) copies of each of the Contract Documents (except Drawings) accompany this
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.

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

The Contractor 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.

- a. Agreement: To be executed by successful Bidder. Submit three (3) copies,
each bearing an original signature.
- b. Performance Bond (100%): On the form provided in the Contract Documents
and fully executed as indicated on the form.
- c. Payment Bond (Contractor's Labor & Material Bond) (100%): On the form
provided in the Contract Documents and fully executed as indicated on the
form.
- d. Insurance Certificates and Endorsements as required.
- e. Workers' Compensation Certification.
- f. Prevailing Wage and Related Labor Requirements Certification.
- g. Disabled Veteran Business Enterprise Participation Certification.
- h. Drug-Free Workplace Certification.
- i. Tobacco-Free Environment Certification.

j. Criminal Background Investigation/Fingerprinting Certification.

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

After you comply with those conditions, District will return to you one fully signed counterpart of the Agreement.

SAN RAFAEL CITY SCHOOLS

BY: _____

NAME: _____

TITLE: _____

END OF DOCUMENT

AGREEMENT FOR CONSTRUCTION SERVICES

PROJECT NUMBER 20-08

THIS CONTRACT is made and entered into this _____ day of _____, 20____, by and between _____ ("Contractor") and San Rafael City Schools ("District") ("Contract").

1. The Contractor shall furnish to the District for a total price of _____ Dollars (\$ _____) ("Contract Price"), the following work:

Davidson Middle School Portable Demolition Project: All work shown on the plans and specifications prepared by QKA Architect and incorporated as a part of the Contract Documents.

2. Contractor shall perform the Work at **Davidson Middle School** ("Site"). The Project is the scope of Work performed at the Site.
3. Work shall be completed within **Forty-five (45)** consecutive calendar days ("Contract Time") from the date specified in the District's Notice to Proceed.

It is understood and agreed that the Work shall be performed and completed as required in the Contract Documents (as defined herein) including, without limitation, the Drawings and Specifications and submission of all documents required to secure funding for close-out of the Project, under the direction and supervision of, and subject to the approval of, the District or its authorized representative.

4. Contractor agrees that if the Work is not completed within the Contract Time and/or pursuant to the completion schedule, construction schedule, or project milestones developed pursuant to provisions of the Contract, it is understood, acknowledged, and agreed that the District will suffer damage which is not capable of being calculated. Pursuant to Government Code section 53069.85, Contractor shall pay to the District, as fixed and liquidated damages for these incalculable damages, the sum of **five hundred Dollars (\$500)** per day for each and every calendar day of delay beyond the Contract Time or beyond any completion schedule, construction schedule, or project milestones established pursuant to the Contract.
5. This Contract incorporates by this reference the Terms and Conditions attached hereto. Contractor, by executing this Contract, agrees to comply with all the Terms and Conditions.

[REMAINDER OF PAGE LEFT BLANK INTENTIONALLY]

6. This Contract incorporates by this reference the Contract Documents attached hereto. Contractor, by executing this Contract, agrees to comply with all obligations set forth in the Contract Documents. The Contract Documents include only the following documents, as indicated:

- | | |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Notice to Bidders | |
| <input checked="" type="checkbox"/> Instructions to Bidders | <input checked="" type="checkbox"/> Registered Subcontractor List |
| <input checked="" type="checkbox"/> Bid Form and Proposal | <input checked="" type="checkbox"/> Insurance Certificates and Endorsements |
| <input checked="" type="checkbox"/> Bid Bond | <input checked="" type="checkbox"/> Performance Bond |
| <input checked="" type="checkbox"/> Non-collusion Declaration | <input checked="" type="checkbox"/> Payment Bond |
| <input checked="" type="checkbox"/> Designated Subcontractors List | <input checked="" type="checkbox"/> Specifications |
| <input checked="" type="checkbox"/> Notice of Award | <input checked="" type="checkbox"/> Project Plans |
| <input checked="" type="checkbox"/> Notice to Proceed | <input checked="" type="checkbox"/> DVBE Certification |
| <input checked="" type="checkbox"/> Prevailing Wage Certification | <input checked="" type="checkbox"/> Site Visit Certification |
| <input checked="" type="checkbox"/> Workers' Compensation Certification | <input checked="" type="checkbox"/> Agreement and Release of Any and All Claims |
| <input checked="" type="checkbox"/> Criminal Background Investigation / Fingerprinting Certification | |
| <input checked="" type="checkbox"/> Drug-Free Workplace Certification | |
| <input checked="" type="checkbox"/> Tobacco-Free Environment Certification | |

7. Contractor shall not commence the Work under this Contract until the Contractor has submitted and the District has approved the performance bond, payment (labor and material) bond, the certificate(s) and the endorsement(s) of insurance required under the Terms and Conditions and the District has issued a Notice to Proceed.
8. Payment for the Work shall be made in accordance with the Terms and Conditions.
9. The Design Professional In General Responsible Charge for the Project is QKA Architects ("Architect"), and the construction manager on the Project is Cumming ("Construction Manager"). Contractor hereby acknowledges that the Architect, the Construction Manager, and the District have authority to approve and/or suspend Work if the 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. The Contractor shall be liable for any delay caused by its non-compliant Work or its failure to provide proper notification for inspection.
10. Inspection and acceptance of the Work shall be performed by Dan Zaich of the Capital Facilities Department of the San Rafael City Schools.
11. Any notice required or permitted to be given under this Contract shall be deemed to have been given, served, and received if given in writing and either personally delivered or deposited in the United States mail, registered or certified mail, postage prepaid, return receipt required, or sent by overnight delivery service, or facsimile or email, addressed as follows:

District

San Rafael City Schools
ATTN: Dan Zaich
310 Nova Albion Way
San Rafael, California 94903
dzaich@srcs.org
cc: wgong@ccorpusa.com

Contractor

Name: _____
ATTN: _____
[ADDRESS]
[FAX]
[EMAIL]

Any notice personally given or sent by facsimile or email shall be effective upon receipt. Any notice sent by overnight delivery service shall be effective the business day next following delivery to the overnight delivery service. Any notice given by mail shall be effective three (3) days after deposit in the United States mail.

- 12. Contractor shall guarantee all labor and material used in the performance of this Contract for a period of one (1) year from the date of the District’s written approval of the Work.
- 13. Each party has the full power and authority to enter into and perform this Contract, and the person signing this Contract on behalf of each party has been properly authority and empowered to enter into this Contract.
- 14. By signing this Contract, Contractor certifies, under penalty of perjury, that all the information provided in the Contract Documents is true, complete, and correct.

ACCEPTED AND AGREED on the date indicated below:

Dated: _____, 20__

San Rafael City Schools

Signature: _____

Print Name: _____

Print Title: _____

Address: _____

Telephone: _____

Facsimile: _____

E-Mail: _____

Dated: _____, 20__

Contractor: _____

Signature: _____

Print Name: _____

Print Title: _____

License No.: _____

Registration No.: _____

Address: _____

Telephone: _____

Facsimile: _____

E-Mail: _____

Information regarding Contractor:

Type of Business Entity:
 Individual
 Sole Proprietorship
 Partnership
 Limited Partnership
 Corporation, State: _____
 Limited Liability Company
 Other: _____

Employer Identification and/or
Social Security Number

NOTE: Section 6041 of the Internal Revenue Code (26 U.S.C. 6041) and Section 1.6041-1 of Title 26 of the Code of Federal Regulations (26 C.F.R. 1.6041-1) requires the recipients of \$600.00 or more to furnish their taxpayer information to the payer. In order to comply with these requirements, the District requires the Contractor to furnish the information requested in this section.

TERMS AND CONDITIONS TO CONTRACT

1. **NOTICE TO PROCEED:** District shall provide a Notice to Proceed to Contractor pursuant to the Contract at which time Contractor shall proceed with the Work.
2. **STANDARD OF CARE:** Contractor shall perform, diligently prosecute and complete the Work in a good and workmanlike manner within the Contract Time, and in strict conformity with all Contract Documents.
3. **SITE EXAMINATION:** Contractor has examined the Site and certifies that it accepts all measurements, specifications and conditions affecting the Work to be performed at the Site. By submitting its quote, Contractor warrants that it has made all Site examination(s) that it deems necessary as to the condition of the Site, its accessibility for materials, workers and utilities, and Contractor's ability to protect existing surface and subsurface improvements. No claim for allowance of time or money will be allowed as to any other undiscovered condition on the Site.
4. **PERMITS, LICENSES AND REGISTRATION:** Contractor and all of its employees, agents, and subcontractors shall secure and maintain in force, at Contractor's sole cost and expense, all licenses, registration and permits as are required by law, in connection with the furnishing of materials, supplies, or services herein listed.
5. **PROJECT INSPECTION CARD:** Contractor shall verify that forms DSA 152 Project Inspection Card (or current version) are issued for the Project prior to commencement of construction.
6. **NOTIFICATION:** Contractor shall notify the Architect and Project Inspector, in writing, of the commencement and completion of construction of each and every aspect of the work at least 48 hours in advance by submitting form DSA 156 (or current version) to the Project Inspector. Forms are available on the DSA's website at: <http://www.dgs.ca.gov/dsa/Forms.aspx>.
7. **LABOR, MATERIALS AND EQUIPMENT:** Contractor shall furnish all tools, equipment, apparatus, facilities, transportation, labor, and material necessary to furnish the services herein described, the services to be performed at such times and places as directed by and subject to the approval of the authorized District representative indicated in the Work specifications attached hereto. Unless otherwise specified, all materials shall be new and previously unused, and of the manufacturer's latest model or the best of their respective kinds and grades as noted or specified, and workmanship shall be of good quality.
8. **SUBSTITUTIONS:** No substitutions of material from those specified in the Work Specifications shall be made without the prior written approval of the District. Contractor shall be responsible for any re-design costs occasioned by District's acceptance and/or approval of any substitute, as well as any costs that the District incurs for professional services, including DSA fees. District may deduct those costs from any amounts owing to Contractor for the review of the request for substitution, even if the request for substitution is not approved. 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.
9. **INDEPENDENT CONTRACTOR STATUS:** While engaged in carrying out the Services of this Contract, the Contractor is an independent contractor, and not an officer, employee, agent, partner, or joint venture of the District. Contractor shall be solely responsible for its own Workers' Compensation insurance, taxes, and other similar charges or obligations. Contractor shall be liable for its own actions, including its negligence or gross negligence, and shall be liable for the acts, omissions, or errors of its agents or employees.
10. **CONTRACTOR SUPERVISION:** Contractor shall provide competent supervision of personnel employed on the job Site, use of equipment, and quality of workmanship.
11. **WORKERS:** Contractor shall at all times enforce strict discipline and good order among its employees and the employees of its subcontractors and shall not employ or work any unfit person or anyone not skilled in work assigned to him or her. Any person in the employ of the Contractor or a subcontractor whom the District may deem incompetent or unfit shall be dismissed from the Site and shall not again be employed at Site without written consent from the District.
12. **SUBCONTRACTORS:** Subcontractors, if any, engaged by the Contractor for any Service or Work under this Contract shall be subject to the approval of the District. Contractor agrees to bind every subcontractor by the terms of the Contract as far as such terms are applicable to

subcontractor's work, including, without limitation, all registration, indemnification, insurance, bond, and warranty requirements. If Contractor shall subcontract any part of this Contract, Contractor shall be fully responsible to the District for acts and omissions of its subcontractor and of persons either directly or indirectly employed by itself. Nothing contained in the Contract Documents shall create any contractual relations between any subcontractor and the District.

13. **SAFETY AND SECURITY:** Contractor is responsible for maintaining safety in the performance of this Contract. Contractor shall be responsible to ascertain from the District the rules and regulations pertaining to safety, security, and driving on school grounds, particularly when children are present.
14. **CLEAN UP:** Debris shall be removed from the Site. The Site shall be in order at all times when work is not actually being performed and shall be maintained in a reasonably clean condition.
15. **PROTECTION OF WORK AND PROPERTY:** Contractor shall erect and properly maintain at all times, as required by conditions and progress of the Work, all necessary safeguards, signs, barriers, lights, and security persons for protection of workers and the public, and shall post danger signs warning against hazards created by the Work. In an emergency affecting life and safety of life or of Work or of adjoining property, Contractor, without special instruction or authorization from District, is permitted to act at his discretion to prevent such threatened loss or injury.
16. **FORCE MAJEURE:** The Contractor shall be excused from performance hereunder during the time and to the extent that it is prevented from obtaining delivery, or performing by act of God, fire, strike, loss, or shortage of transportation facilities, lock-out, commandeering of materials, products, plants, or facilities by the government, when satisfactory evidence thereof is presented to the District, provided that it is satisfactorily established that the non-performance is not due to the fault or neglect of the Contractor.
17. **CORRECTION OF ERRORS:** Contractor shall perform, at its own cost and expense and without reimbursement from the District, any work necessary to correct errors or omissions that are caused by the Contractor's failure to comply with the approved plans and specifications and the standard of care required herein.
18. **DISTRICT'S RIGHT TO PERFORM WORK:** 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 make good such deficiencies, without prejudice to any other remedy it may have, 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 Construction Change Directive, 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) otherwise due to Contractor.
19. **ACCESS TO WORK:** District representatives, Architect, and Project Inspector shall at all times have access to the Work wherever it is in preparation or in progress. Contractor shall provide safe and proper facilities for such access.
20. **OCCUPANCY:** District reserves the right to occupy buildings at any time before formal Contract completion and such occupancy shall not constitute final acceptance or approval of any part of the Work covered by this Contract, nor shall such occupancy extend the date specified for completion of the Work.
21. **PAYMENT:** On a monthly basis, Contractor shall submit an application for payment based upon the estimated value for materials delivered or services performed under the Contract as of the date of submission ("Application for Payment"). Within thirty (30) days after District's approval of the 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 District may withhold or deduct from any payment an amount necessary to protect the District from loss because of: (1) liquidated damages which have accrued as of the date of the application for payment; (2) any sums expended by the District in performing any of Contractor's obligations under the Contract which Contractor has failed to perform or has performed inadequately; (3) defective Work not remedied; (4) stop payment notices as allowed by state law; (5) reasonable doubt that the Work can be completed for the

unpaid balance of the Total Contract price or by the scheduled completion date; (6) unsatisfactory prosecution of the Work by Contractor; (7) unauthorized deviations from the Contract; (8) failure of the Contractor to maintain or submit on a timely basis proper and sufficient documentation as required by the Contract or by District during the prosecution of the Work; (9) erroneous or false estimates by the Contractor of the value of the Work performed; (10) any sums representing expenses, losses, or damages, as determined by the District, incurred by the District for which Contractor is liable under the Contract; and (11) any other sums which the District is entitled to recover from Contractor under the terms of the Contract or pursuant to state law, including section 1727 of the California Labor Code. The failure by the District to deduct any of these sums from a progress payment shall not constitute a waiver of the District's right to such sums. The District shall retain five percent (5%) from all amounts owing as retention. Retention shall be paid pursuant to Public Contract Code sections 7107, 7200 and 7201.

22. **CHANGE IN SCOPE OF WORK:** Any change in the scope of the Work, method of performance, nature of materials or price thereof, or any other matter materially affecting the performance or nature of the Work shall not be paid for or accepted unless such change, addition, or deletion is approved in advance and in writing by a valid change order executed by the District. Contractor specifically understands, acknowledges, and agrees that the District shall have the right to request any alterations, deviations, reductions, or additions to the Project or Work, and the cost thereof shall be added to or deducted from the amount of the Contract Price by fair and reasonable valuations. Contractor also agrees to provide the District with all information requested to substantiate the cost of the change order and to inform the District whether the Work will be done by the Contractor or a subcontractor. In addition to any other information requested, Contractor shall submit, prior to approval of the change order, its request for a time extension (if any), as well as all information necessary to substantiate its belief that such change will delay the completion of the Work. If Contractor fails to submit its request for a time extension or the necessary supporting information, it shall be deemed to have waived its right to request such extension.

23. **INDEMNIFICATION:**

- 23.1 To the furthest extent permitted by California law, Contractor shall indemnify and hold harmless the District, its agents, representatives, officers, consultants, employees, and volunteers (the "Indemnified Parties") from any and all demands, damages, injuries, losses, expenses, liabilities, claims, suits, and actions (the "Claims") of any kind, nature, and description, including, but not limited to, attorneys' fees and costs, directly or indirectly arising from, arising out of, connected with, or resulting from, in whole or in part, the performance of this Contract unless the claims are caused wholly by the sole or active negligence or willful misconduct of the Indemnified Parties and/or defects in design furnished by the Architect, as found by a court or arbitrator of competent jurisdiction, in which case the Contractor's indemnification and hold harmless obligation shall be reduced by the proportion of the Indemnitees' and/or Architect's liability.
- 23.2 Contractor shall also, to the furthest extent permitted by California law, defend the Indemnified Parties at Contractor's own expense, including attorneys' fees and costs, from any and all claims directly or indirectly arising from, arising out of, connected with, or resulting from the performance of this Contract unless the claims are caused wholly by the sole or active negligence or willful misconduct of the Indemnified Parties and/or defects in design furnished by the Architect, as found by a court or arbitrator of competent jurisdiction, in which case, without impacting Contractor's obligation to provide an immediate and ongoing defense of the Indemnified Parties, the Contractor's defense obligation shall be retroactively reduced by the proportion of the Indemnitees' and/or Architect's liability. The District shall have the right to accept or reject any legal representation that Contractor proposes to defend the District.
- 23.3 Pursuant to Public Contract Code section 9201, the District shall provide timely notification to Contractor of the receipt of any third-party claim relating to this Contract. The District shall be entitled to recover its reasonable costs incurred in providing said notification.

- 23.4 If the Indemnitees provide their own defense due to failure to timely respond to tender of defense, rejection of tender of defense, or conflict of interest of proposed counsel, Contractor shall reimburse Indemnitees for any expenditures, including reasonable attorney's fees and costs.
- 23.5 The District may retain so much of the moneys due the Contractor as shall be considered necessary, until disposition of any such suit, claims or actions for damages or until the District has received written agreement from the Contractor that it will unconditionally defend the Indemnified Parties, and pay any damages due by reason of settlement or judgment.
- 23.6 The Contractor's defense and indemnification obligations hereunder shall survive the completion of Work, including the warranty/guarantee period, and/or the termination of the Contract.
24. **PAYMENT BOND AND PERFORMANCE BOND:** Contractor shall not commence the Work until it has provided to the District, in a form acceptable to the District, a Payment (Labor and Material) Bond and a Performance Bond, each in an amount equivalent to one hundred percent (100%) of the Contract Price issued by a surety admitted to issue bonds in the State of California and otherwise acceptable to the District.
25. **CONTRACTOR'S INSURANCE:**
- 25.1 The Contractor shall procure and maintain at all times it performs any portion of the Services the following insurance with minimum limits not less than the amount indicated below. If Contractor normally carries insurance in an amount greater than the minimum amounts required by District, that greater amount shall become the minimum required amount of insurance for purposes of the Contract. Therefore, Contractor hereby acknowledges and agrees that all insurance carried by it shall be deemed liability coverage for all actions it performs in connection with the Contract.

Type of Coverage	Minimum Requirement
Commercial General Liability Insurance , including Bodily Injury, Personal Injury, Property Damage, Advertising Injury, and Medical Payments	
Each Occurrence	\$ 1,000,000
General Aggregate	\$ 2,000,000
Automobile Liability Insurance - Any Auto	
Each Occurrence	\$ 1,000,000
General Aggregate	\$ 2,000,000
Workers' Compensation	Statutory Limits
Employer's Liability	\$ 1,000,000

- 25.1.1 **Commercial General Liability and Automobile Liability Insurance.** Commercial General Liability Insurance and Any Auto Automobile Liability Insurance that shall protect the Contractor, the District, and the State from all claims of bodily injury, property damage, personal injury, death, advertising injury, and medical payments arising performing any portion of the Services. (Form CG 0001 and CA 0001, or forms substantially similar, if approved by the District.)
- 25.1.2 **Workers' Compensation and Employers' Liability Insurance.** Workers' Compensation Insurance and Employers' Liability Insurance for all of its employees performing any portion of the Services. In accordance with provisions of section 3700 of the California Labor Code, the Contractor shall be required to secure workers' compensation coverage for its employees. If any class of employee or employees engaged in performing any portion of the Services under this Contract are not protected under the Workers' Compensation Statute, adequate insurance coverage for the protection of any employee(s) not otherwise protected must be obtained before any of those employee(s) commence performing any portion of the Services.
- 25.2 **Proof of Insurance.** The Contractor shall not commence performing any portion of the Services until all required insurance has been obtained and certificates indicating the required coverage have been delivered in duplicate to the District and approved by the District. Certificates and insurance policies shall include the following:
- 25.2.1 A clause stating: "This policy shall not be canceled until notice has been mailed to the District, stating date of cancellation. Date of cancellation shall not be less than thirty (30) days after date of mailing notice."
- 25.2.2 Language stating in particular those insured, extent of insurance, location and operation to which insurance applies, expiration date, to whom cancellation notice will be sent, and length of notice period.
- 25.2.3 An endorsement stating that the District and its Governing Board, agents, representatives, employees, trustees, officers, consultants, and volunteers are named additional insured under all policies except Workers' Compensation Insurance, and Employers' Liability Insurance.
- 25.2.4 All policies except the Workers' Compensation Insurance, and Employers' Liability Insurance Policies shall be written on an occurrence form.
- 25.2.5 An endorsement stating that Contractor's insurance policies shall be primary to any insurance or self-insurance maintained by District.
- 25.2.6 An endorsement stating that there shall be a waiver of any subrogation.
- 25.2.7 Contractor's insurance limit shall apply separately to each insured against whom a claim is made or suit is brought.
- 25.3 **Acceptability of Insurers.** Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A: VII, unless otherwise acceptable to the District.
26. **WARRANTY/QUALITY:** Unless a longer warranty is called for elsewhere in the Contract Documents, the Contractor, manufacturer, or their assigned agents shall guarantee the workmanship, product or service performed against defective workmanship, defects or failures of materials for a minimum period of one (1) year from filing the Notice of Completion with the county in which the Site is located. All workmanship and merchandise must be warranted to be in compliance with applicable California energy, conservation, environmental, and educational standards.
27. **CONFIDENTIALITY:** The Contractor shall maintain the confidentiality of all information, documents, programs, procedures, and all other items that Contractor encounters while performing the Contractor's Work to the extent allowed by law. This requirement shall be ongoing and shall survive the expiration or termination of this Contract and specifically includes all student, parent, and disciplinary information.

28. **LIMITATION OF DISTRICT LIABILITY:** District's financial obligations under this Contract shall be limited to the payment of the compensation provided in this Contract. Notwithstanding any other provision of this Contract, in no event shall District be liable, regardless of whether any claim is based on contract or tort, for any special, consequential, indirect or incidental damages, including, but not limited to, lost profits or revenue, or lost bonding capacity, arising out of or in connection with this Contract for the services performed in connection with this Contract.
29. **COMPLIANCE WITH LAWS:** Contractor shall give all notices and comply with all laws, ordinance, rules and regulations bearing on conduct of the Work as indicated or specified. If Contractor observes that any of the Work required by this Contract is at variance with any such laws, ordinance, rules or regulations, Contractor shall notify the District, in writing, and, at the sole option of the District, any necessary changes to the scope of the Work shall be made and this Contract shall be appropriately amended in writing, or this Contract shall be terminated effective upon Contractor's receipt of a written termination notice from the District. If Contractor performs any work that is in violation of any laws, ordinances, rules or regulations, without first notifying the District of the violation, Contractor shall bear all costs arising therefrom.
30. **LABOR CODE REQUIREMENTS:** The Contractor shall comply with all applicable provisions of the California Labor Code, Division 3, Part 7, Chapter 1, Articles 1 – 5, including, without limitation, the payment of the general prevailing per diem wage rates for public work projects of more than one thousand dollars (\$1,000). Copies of the prevailing rate of per diem wages are on file with the District or available online at <http://www.dir.ca.gov/>. In addition, the Contractor and each subcontractor shall comply with Chapter 1 of Division 2, Part 7 of the California Labor Code, beginning with Section 1720, and including Section 1735, 1777.5 and 1777.6, forbidding discrimination, and Sections 1776, 1777.5 and 1777.6 concerning the employment of apprentices by Contractor or subcontractors. Willful failure to comply may result in penalties, including loss of the right to bid on or receive public works contracts.
- 30.1 **Registration:** Contractor and its subcontractor(s) shall be registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 and in accordance with Labor Code section 1771.1.
- 30.2 **Registered Subcontractor List:** Within 30 days of the award of contract or prior to commencing the Work under this Contract, whichever occurs first, Contractor shall provide District all information required by Labor Code section 1773.3, as amended by Stats. 2017, Ch. 28, Sec. 21, for Company and all tiers of Subcontractors to enable District to provide notice to the Department of Industrial Relations (DIR) of the Contract (PWC-100 form). Contractor shall submit and maintain an updated Registered Subcontractor List including all Subcontractors of any tier furnishing labor, material, or equipment to the Project.
- 30.3 **Certified Payroll Records:** Contractor and its subcontractor(s) shall upload certified payroll records ("CPR") electronically using California Department of Industrial Relations' (DIR) eCPR System by uploading the CPRs by electronic XML file or entering each record manually using the DIR's iform (or current form) online on a weekly basis and within ten (10) days of any request by the District or Labor Commissioner at <http://www.dir.ca.gov/Public-Works/Certified-Payroll-Reporting.html> or current application and URL, 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.
- 30.4 **Labor Compliance:** Contractor shall perform the Work of the Project while complying with all the applicable regulations, including section 16000, et seq., of Title 8 of the California Code of Regulations and is subject to labor compliance monitoring and enforcement by the Department of Industrial Relations.
31. **ANTI-DISCRIMINATION:** Contractor herein agrees 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 all of its

subcontractors. In addition, the Contractor agrees to require like compliance by all its subcontractor(s).

32. **ANTI-TRUST CLAIM:** Contractor and its subcontractor(s) agree to assign to the District all rights, title, and interest in and to all causes of action they 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, services, or materials pursuant to the Contract or a subcontract. This assignment shall be made and become effective at the time the District tenders final payment to the Contractor, without further acknowledgment by the parties.
33. **CONTRACTOR CLAIMS:** In the event of any demand by Contractor for (A) a time extension, including, without limitation, for relief from damages or penalties for delay assessed by the District under the Contract, (B) payment by the District of money or damages arising from work done by, or on behalf of, the Contractor pursuant to the Contract and payment of which is not otherwise expressly provided for or to which Contractor is not otherwise entitled to, or (C) an amount of payment disputed by the District, the parties shall attempt to resolve the dispute by those procedures set forth in Public Contract Code section 9204 and/or Article 1.5 (commencing with section 20104) of Chapter 1, Part, 3, Division 2, of the Public Contract Code, if applicable, the provisions of which are each attached hereto and incorporated herein by this reference. If a claim, or any portion thereof, remains in dispute upon satisfaction of all applicable dispute resolution requirements, the Contractor shall comply with all claims presentation requirements as provided in Chapter 1 (commencing with section 900) and Chapter 2 (commencing with section 910) of Part 3 of Division 3.6 of Title 1 of Government Code as a condition precedent to the Contractor's right to bring a civil action against the District. For purposes of those provisions, the running of the time within which a claim must be presented to the District shall be tolled from the time the Contractor submits its written claim until the time the claim is denied, including any time utilized by any applicable meet and confer process. Pending resolution of the dispute, Contractor and its subcontractors shall continue to perform the Work under the Contract and shall not cause a delay of the Work, including the disputed work, during any dispute, claim, negotiation, mediation, or arbitration proceeding, except by written agreement of the District.
34. **ATTORNEY FEES/COSTS:** Should litigation be necessary to enforce any terms or provisions of this Contract, then each party shall bear its own litigation and collection expenses, witness fees, court costs and attorney's fees.
35. **TERMINATION:** If Contractor fails to perform the Services and Contractor's duties to the satisfaction of the District, or if Contractor fails to fulfill in a timely and professional manner Contractor's obligations under this Contract, or if Contractor violates any of the terms or provisions of this Contract, District shall have the right to terminate this Contract and/or Contractor's right to perform the Work of the Contract for cause effective immediately upon the District giving written notice thereof to the Contractor. The Contractor and its performance bond surety, if any, shall be liable for all damages caused to the District by reason of the Contractor's failure to perform and complete the Contract. District shall also have the right in its sole discretion to terminate the Contract and/or Contractor's right to perform the Work of the Contract for its own convenience upon District giving three (3) days' written notice thereof to the Contractor. In case of a termination for convenience, Contractor shall be paid for the actual cost for labor, materials, and services performed including, without limitation, Contractor's and its subcontractor(s)' mobilization and/or demobilization costs, that is unpaid and can be documented through timesheets, invoices, receipts, or otherwise. Termination shall have no effect upon any of the rights and obligations of the parties arising out of any transaction occurring prior to the effective date of termination. In the event termination for cause is determined to have not been for cause, the termination shall be deemed to have been a termination for convenience effective as of the same date as the purported termination for cause.
36. **ASSIGNMENT OF CONTRACT:** Contractor shall not assign or transfer in any way any or all of its rights, burdens, duties, or obligations under this Contract without the prior written consent of the District.
37. **TIME IS OF THE ESSENCE:** Time is of the essence in the performance of and compliance with each of the provisions and conditions of this Contract.

38. **CALCULATION OF TIME:** For the purposes of this Contract, "days" refers to calendar days unless otherwise specified.
39. **GOVERNING LAW:** This Contract shall be governed by and construed in accordance with the laws of the State of California with venue of any action in a County in which the District administration office is located.
40. **BINDING CONTRACT:** This Contract shall be binding upon the parties hereto and upon their successors and assigns, and shall inure to the benefit of said parties and their successors and assigns.
41. **DISTRICT WAIVER:** District's waiver of any term, condition, covenant or waiver of a breach of any term, condition or covenant shall not constitute the waiver of any other term, condition or covenant or the waiver of a breach of any other term, condition or covenant.
42. **CAPTIONS AND INTERPRETATIONS:** Paragraph headings in this Contract are used solely for convenience, and shall be wholly disregarded in the construction of this Contract. No provision of this Contract shall be interpreted for or against a party because that party or its legal representative drafted such provision, and this Contract shall be construed as if jointly prepared by the parties.
43. **INVALID TERM:** If any provision of this Contract is declared or determined by any court of competent jurisdiction to be illegal, invalid or unenforceable, the legality, validity or enforceability of the remaining parts, terms and provisions shall not be affected thereby, and said illegal, unenforceable or invalid part, term or provision will be deemed not to be a part of this Contract.
44. **PROVISIONS REQUIRED BY LAW DEEMED INSERTED:** Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and this Contract shall be read and enforced as though it were included therein.
45. **ENTIRE CONTRACT:** This Contract sets forth the entire agreement between the parties hereto and fully supersedes any and all prior agreements, understandings, written or oral, between the parties hereto pertaining to the subject matter thereof.
46. **NO ORAL MODIFICATIONS:** 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 any of the documents comprising the Contract.

Public Contract Code section 9204

(a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 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. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on their 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 public entity 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 public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2027, and as of that date is repealed, unless a later enacted statute that is enacted before January 1, 2027, deletes or extends that date.

Public Contract Code sections 20104 – 20104.6

§ 20104.

(a) (1) This article applies to all public works claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between a contractor and a local agency.

(2) This article shall not apply to any claims resulting from a contract between a contractor and a public agency when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2.

(b) (1) "Public work" means "public works contract" as defined in Section 1101 but does not include any work or improvement contracted for by the state or the Regents of the University of California.

(2) "Claim" means a separate demand by the contractor for (A) a time extension, (B) payment of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, or (C) an amount the payment of which is disputed by the local agency.

(c) The provisions of this article or a summary thereof shall be set forth in the plans or specifications for any work which may give rise to a claim under this article.

(d) This article applies only to contracts entered into on or after January 1, 1991.

§ 20104.2.

For any claim subject to this article, the following requirements apply:

(a) The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims.

(b) (1) For claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

(c) (1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.

(d) If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(e) Following the meet and confer conference, if the claim or any portion remains in dispute, the claimant may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.

(f) This article does not apply to tort claims and nothing in this article is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.

§ 20104.4.

The following procedures are established for all civil actions filed to resolve claims subject to this article:

(a) Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

(b) (1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act (Title 4 (commencing with Section 2016.010) of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

(2) Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties, except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.

(3) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, any party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under that chapter, pay the attorney's fees of the other party arising out of the trial de novo.

(c) The court may, upon request by any party, order any witnesses to participate in the mediation or arbitration process.

§ 20104.6.

(a) No local agency shall fail to pay money as to any portion of a claim which is undisputed except as otherwise provided in the contract.

(b) In any suit filed under Section 20104.4, the local agency shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.

NOTICE TO PROCEED

Dated: _____, 20__

TO: _____
("Contractor")

ADDRESS: _____

PROJECT: Davidson Middle School Portable Demolition Project

PROJECT/CONTRACT NO.: 20-08 between San Rafael City Schools ("District") and Contractor ("Contract").

You are notified that the Contract Time under the above Contract will commence to run on _____, 20__. By that date, you are to start performing your obligations under the Contract Documents. In accordance with the Agreement executed by Contractor, the date of completion is _____, 20__.

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

- a. Contractor's preliminary schedule of construction.
- b. Contractor's preliminary schedule of values for all of the Work.
- c. Contractor's preliminary schedule of submittals, including Shop Drawings, Product Data, and Samples submittals
- d. Contractor's Safety Plan specifically adapted for the Project.
- e. Registered Subcontractors List: A complete subcontractors list for all tiers, including the name, address, telephone number, email address, facsimile number, California State Contractors License number, license classification, Department of Industrial Relations registration number, and monetary value of all Subcontracts.

Thank you. We look forward to a very successful Project.

SAN RAFAEL CITY SCHOOLS

BY: _____

NAME: _____

TITLE: _____

END OF DOCUMENT

PERFORMANCE BOND
(100% of Contract Price)

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

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the governing board ("Board") of San Rafael City Schools, ("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:

Davidson Middle School Portable Demolition Project

("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, said 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 Board of the District in the penal sum of

_____ Dollars (\$_____), lawful money of the United States, for the payment of which sum well and truly to be made we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally, firmly by these presents, to:

- Promptly 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.

Or, at the District's sole discretion and election, the Surety shall obtain a bid or bids for completing the Contract in accordance with its terms and conditions, and upon determination by the District of the lowest responsible bidder, arrange for a contract between such bidder and the District and make available as Work progresses sufficient funds to pay the cost of completion less the "balance of the Contract Price," and to pay and perform all obligations of Principals under the Contract, including, without limitation, all obligations with respect to warranties, guarantees and the payment of liquidated damages. The term "balance of the Contract Price," as used in this paragraph, shall mean the total amount payable to Principal by the District under the Contract and any modifications thereto, less the amount previously paid by the District to the Principal, less any withholdings by the District allowed under the Contract. District shall not be required or obligated to accept a tender of a completion contractor from the Surety for any or no reason.

The condition of the obligation is such that, if the above bound Principal, 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 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 virtue.

Surety expressly agrees that the District may reject any contractor or subcontractor proposed by Surety to fulfill its obligations in the event of default by the Principal. Surety shall not utilize Principal in completing the Work nor shall Surety accept a Bid from Principal for completion of the Work if the District declares the Principal to be in default and notifies Surety of the District's objection to Principal's further participation in the completion of the Work.

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 and replacements 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 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 or the specifications accompanying the same shall in any way affect its obligation on this bond. The Surety also stipulates and agrees that it shall not be exonerated or released from the obligation of this bond by any overpayment or underpayment by the District that is based upon estimates approved by the Architect. The Surety does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the Contract or to the work or to the specifications.

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
_____ By	_____ By
	_____ Name of California Agent of Surety
	_____ Address of California Agent of Surety
	_____ Telephone No. 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

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

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

KNOW ALL PERSONS BY THESE PRESENTS:

WHEREAS, the governing board ("Board") of San Rafael City Schools, ("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:

Davidson Middle School Portable Demolition Project

("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 one hundred percent (100%) of the Contract price, to secure the claims to which reference is made in sections 9000 through 9510 and 9550 through 9566 of the Civil Code, and division 2, part 7, of the Labor Code.

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 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, we bind ourselves, our heirs, executors, administrators, successors, or assigns, jointly and severally, by these presents.

The condition of this obligation is that if the Principal or any of its subcontractors, or their heirs, executors, administrators, successors, or assigns of any, all, or either of them shall fail to pay for any labor, materials, provisions, 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 required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the Principal or any of his or its subcontractors of any tier under Section 13020 of the Unemployment Insurance Code with respect to such 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 section 9100 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.

And the Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of Contract or the specifications accompanying the same shall in any manner affect its obligations on this bond, and it does hereby waive notice of any such change, extension, alteration, or addition.

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
_____	_____
By	By

	Name of California Agent of Surety

	Address of California Agent of Surety

	Telephone No. 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

AGREEMENT AND RELEASE OF ANY AND ALL CLAIMS

THIS AGREEMENT AND RELEASE OF CLAIMS ("Agreement and Release") IS MADE AND ENTERED INTO THIS _____ DAY OF _____, 20__ by and between the SAN RAFAEL CITY SCHOOLS ("District") and _____ ("Contractor"), whose place of business is _____.

RECITALS

WHEREAS, District and Contractor entered into PROJECT/CONTRACT NO.: _____ ("Contract" or "Project") in the County of Marin, California; and

WHEREAS, the Work under the Contract was completed on _____, and a Notice of Completion was recorded with the County Recorder on _____.

NOW, THEREFORE, it is mutually agreed between District and Contractor as follows:

AGREEMENT AND RELEASE

1. Contractor will only be assessed liquidated damages as detailed below:

Original Contract Sum	\$ _____
Modified Contract Sum	\$ _____
Payment to Date	\$ _____
Liquidated Damages	\$ _____
Payment Due Contractor	\$ _____

2. Subject to the provisions hereof, District shall forthwith pay to Contractor the undisputed sum of _____ Dollars (\$ _____) under the Contract, less any amounts represented by any notice to withhold funds on file with District as of the date of such payment.

3. Contractor acknowledges and hereby agrees that there are no unresolved or outstanding claims in dispute against District arising from the performance of work under the Contract, except for the claims described in Paragraph 5 and continuing obligations described in Paragraph 6. It is the intention of the parties in executing this Agreement and Release that this Agreement and Release shall be effective as a full, final and general release of all claims, demands, actions, causes of action, obligations, costs, expenses, damages, losses and liabilities of Contractor against District and all of its respective agents, employees, trustees, inspectors, assignees, consultants and transferees, except for any Disputed Claim that may be set forth in Paragraph 6 and the continuing obligations described in Paragraph 8 hereof.

4. The following claims are disputed (hereinafter, the "Disputed Claims") and are specifically excluded from the operation of this Agreement and Release:

<u>Claim No.</u>	<u>Description of Claim</u>	<u>Amount of Claim</u>	<u>Date Claim Submitted</u>
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____
_____	_____	\$ _____	_____

[If further space is required, attach additional sheets showing the required information.]

5. Consistent with California Public Contract Code section 7100, Contractor hereby agrees that, in consideration of the payment set forth in Paragraph 1 hereof, Contractor hereby releases and forever discharges District, all its agents, employees, inspectors, assignees, and transferees from any and all liability, claims, demands, actions, or causes of action of whatever kind or nature arising out of or in any way concerned with the Work under the Contract.
6. Guarantees and warranties for the Work, and any other continuing obligation of Contractor, including without limitation the duty to defend, indemnify and hold harmless the District, shall remain in full force and effect as specified in the Contract Documents.
7. Contractor hereby waives the provisions of California Civil Code section 1542 which provides as follows:
- A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS THAT THE CREDITOR OR RELEASING PARTY DOES NOT KNOW OR SUSPECT TO EXIST IN HIS OR HER FAVOR AT THE TIME OF EXECUTING THE RELEASE AND THAT, IF KNOWN BY HIM OR HER, WOULD HAVE MATERIALLY AFFECTED HIS OR HER SETTLEMENT WITH THE DEBTOR OR RELEASED PARTY.
8. The provisions of this Agreement and Release are contractual in nature and not mere recitals and shall be considered independent and severable. If any such provision or any part thereof shall be at any time held invalid in whole or in part under any federal, state, county, municipal, or other law, ruling, or regulations, then such provision, or part thereof, shall remain in force and effect to the extent permitted by law, and the remaining provisions of this Agreement and Release shall also remain in full force and effect, and shall be enforceable.

9. All rights of District shall survive completion of the Work or termination of Contract, and execution of this Release.

* * * CAUTION: THIS IS A RELEASE - READ BEFORE EXECUTING * * *

SAN RAFAEL CITY SCHOOLS

Signature: _____

Print Name: _____

Title: _____

CONTRACTOR: _____

Signature: _____

Print Name: _____

Title: _____

END OF DOCUMENT

**HAZARDOUS MATERIALS
PROCEDURES & REQUIREMENTS**

1. Summary

This document includes information applicable to hazardous materials and hazardous waste abatement.

2. Notice of Hazardous Waste or Materials

- a. Contractor shall give notice in writing to the District, the Construction Manager, and the Architect promptly, before any of the following materials are disturbed, and in no event later than twenty-four (24) hours after first observance, of any:
 - (1) Material that Contractor believes may be a material that is hazardous waste or hazardous material, as defined in section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law;
 - (2) Other material that may present a substantial danger to persons or property exposed thereto in connection with Work at the site.
- b. Contractor's written notice shall indicate whether the hazardous waste or material was shown or indicated in the Contract Documents to be within the scope of Work, and whether the materials were brought to the site by Contractor, its Subcontractors, suppliers, or anyone else for whom Contractor is responsible. As used in this section the term "hazardous materials" shall include, without limitation, asbestos, lead, Polychlorinated biphenyl (PCB), petroleum and related hydrocarbons, and radioactive material.
- c. In response to Contractor's written notice, the District shall investigate the identified conditions.
- d. If the District determines that conditions do not involve hazardous materials or that no change in terms of Contract is justified, the District shall so notify Contractor in writing, stating reasons. If the District and Contractor cannot agree on whether conditions justify an adjustment in Contract Price or Contract Time, or on the extent of any adjustment, Contractor shall proceed with the Work as directed by the District.
- e. If after receipt of notice from the District, Contractor does not agree to resume Work based on a reasonable belief it is unsafe, or does not agree to resume Work under special conditions, then District may order such portion of Work that is in connection with such hazardous condition or such affected area to be deleted from the Work, or performed by others, or District may invoke its rights to terminate the Contract in whole or in part. District will determine entitlement to or the amount or extent of an adjustment, if any, in Contract Price or Contract Time as a result of deleting such portion of Work, or performing the Work by others.

- f. If Contractor stops Work in connection with any hazardous condition and in any area affected thereby, Contractor shall immediately redeploy its workers, equipment, and materials, as necessary, to other portions of the Work to minimize delay and disruption.

3. Additional Warranties and Representations

- a. Contractor represents and warrants that it, its employees, and its subcontractors and their employees, shall at all times have the required levels of familiarity with the Site and the Work, training, and ability to comply fully with all applicable laws and contractual requirements for safe and expeditious performance of the Work, including whatever training is or may be required regarding the activities to be performed (including, but not limited to, all training required to address adequately the actual or potential dangers of Contract performance).
- b. Contractor represents and warrants that it, its employees, and its subcontractors and their employees, shall at all times have and maintain in good standing any and all certifications and licenses required by applicable federal, state, and other governmental and quasi-governmental requirements applicable to the Work.
- c. Contractor represents and warrants that it has studied carefully all requirements of the Specifications regarding procedures for demolition, hazardous waste abatement, or safety practices, specified in the Contract, and prior to submitting its bid, has either (a) verified to its satisfaction that the specified procedures are adequate and sufficient to achieve the results intended by the Contract Documents, or (b) by way of approved "or equal" request or request for clarification and written Addenda, secured changes to the specified procedures sufficient to achieve the results intended by the Contract Documents. Contractor accepts the risk that any specified procedure will result in a completed Project in full compliance with the Contract Documents.

4. Monitoring and Testing

- a. District reserves the right, in its sole discretion, to conduct air monitoring, earth monitoring, Work monitoring, and any other tests (in addition to testing required under the agreement or applicable law), to monitor Contract requirements of safe and statutorily compliant work methods and (where applicable) safe re-entry level air standards under state and federal law upon completion of the job, and compliance of the work with periodic and final inspection by public and quasi-public entities having jurisdiction.
- b. Contractor acknowledges that District has the right to perform, or cause to be performed, various activities and tests including, but not limited to, pre-abatement, during abatement, and post-abatement air monitoring, that District shall have no obligation to perform said activities and tests, and that a portion of said activities and tests may take place prior to the completion of the Work by Contractor. In the event District elects to perform these activities and tests, Contractor shall afford District ample access to the Site and all areas of the Work as may be necessary for the performance of these activities and tests. Contractor will include the potential impact of these

activities or tests by District in the Contract Price and the Scheduled Completion Date.

- c. Notwithstanding District's rights granted by this paragraph, Contractor may retain its own industrial hygiene consultant at Contractor's own expense and may collect samples and may perform tests including, but not limited to, pre-abatement, during abatement, and post-abatement personal air monitoring, and District reserves the right to request documentation of all such activities and tests performed by Contractor relating to the Work and Contractor shall immediately provide that documentation upon request.

5. Compliance with Laws

- a. Contractor shall perform safe, expeditious, and orderly work in accordance with the best practices and the highest standards in the hazardous waste abatement, removal, and disposal industry, the applicable law, and the Contract Documents, including, but not limited to, all responsibilities relating to the preparation and return of waste shipment records, all requirements of the law, delivering of all requisite notices, and obtaining all necessary governmental and quasi-governmental approvals.
- b. Contractor represents that it is familiar with and shall comply with all laws applicable to the Work or completed Work including, but not limited to, all federal, state, and local laws, statutes, standards, rules, regulations, and ordinances applicable to the Work relating to:
 - (1) The protection of the public health, welfare and environment;
 - (2) Storage, handling, or use of asbestos, PCB, lead, petroleum based products, radioactive material, or other hazardous materials;
 - (3) The generation, processing, treatment, storage, transport, disposal, destruction, or other management of asbestos, PCB, lead, petroleum, radioactive material, or hazardous waste materials or other waste materials of any kind; and
 - (4) The protection of environmentally sensitive areas such as wetlands and coastal areas.

6. Disposal

- a. Contractor has the sole responsibility for determining current waste storage, handling, transportation, and disposal regulations for the job Site and for each waste disposal facility. Contractor must comply fully at its sole cost and expense with these regulations and any applicable law. District may, but is not obligated to, require submittals with this information for it to review consistent with the Contract Documents.
- b. Contractor shall develop and implement a system acceptable to District to track hazardous waste from the Site to disposal, including appropriate "Hazardous Waste Manifests" on the EPA form, so that District may track the volume of waste it put in each landfill and receive from each landfill a certificate of receipt.

- c. Contractor shall provide District with the name and address of each waste disposal facility prior to any disposal, and District shall have the express right to reject any proposed disposal facility. Contractor shall not use any disposal facility to which District has objected. Contractor shall document actual disposal or destruction of waste at a designated facility by completing a disposal certificate or certificate of destruction forwarding the original to the District.

7. Permits

- a. Before performing any of the Work, and at such other times as may be required by applicable law, Contractor shall deliver all requisite notices and obtain the approval of all governmental and quasi-governmental authorities having jurisdiction over the Work. Contractor shall submit evidence satisfactory to District that it and any disposal facility:
 - (1) have obtained all required permits, approvals, and the like in a timely manner both prior to commencement of the Work and thereafter as and when required by applicable law; and
 - (2) are in compliance with all such permits, approvals and the regulations.

For example, before commencing any work in connection with the Work involving asbestos-containing materials, or PCBs, or other hazardous materials subject to regulation, Contractor agrees to provide the required notice of intent to renovate or demolish to the appropriate state or federal agency having jurisdiction, by certified mail, return receipt requested, or by some other method of transmittal for which a return receipt is obtained, and to send a copy of that notice to District. Contractor shall not conduct any Work involving asbestos-containing materials or PCBs unless Contractor has first confirmed that the appropriate agency having jurisdiction is in receipt of the required notification. All permits, licenses, and bonds that are required by governmental or quasi-governmental authorities, and all fees, deposits, tap fees, offsite easements, and asbestos and PCB disposal facilities expenses necessary for the prosecution of the Work, shall be procured and paid for by Contractor. Contractor shall give all notices and comply with the all applicable laws bearing on the conduct of the Work as drawn and specified. If Contractor observes or reasonably should have observed that Plans and Specifications and other Contract Documents are at variance therewith, it shall be responsible for promptly notifying District in writing of such fact. If Contractor performs any Work contrary to applicable laws, it shall bear all costs arising therefrom.

- b. In the case of any permits or notices held in District's name or of necessity to be made in District's name, District shall cooperate with Contractor in securing the permit or giving the notice, but the Contractor shall prepare for District review and execution upon approval, all necessary applications, notices, and other materials.

8. Indemnification

To the fullest extent permitted by law, the indemnities and limitations of liability expressed throughout the Contract Documents apply with equal force and effect to any claims or liabilities imposed or existing by virtue of the removal, abatement, and disposal of hazardous waste. This includes, but is not limited to, liabilities connected to the selection and use of a waste disposal facility, a waste transporter, personal injury, property damage, loss of use of property, damage to the environment or natural resources, or "disposal" and "release" of materials associated with the Work (as defined in 42 U.S.C. § 9601 *et seq.*).

9. Termination

District shall have an absolute right to terminate for default immediately without notice and without an opportunity to cure should Contractor knowingly or recklessly commit a material breach of the terms of the Contract Documents, or any applicable law, on any matter involving the exposure of persons or property to hazardous waste. However, if the breach of contract exposing persons or property to hazardous waste is due solely to an ordinary, unintentional, and non-reckless failure to exercise reasonable care, then the procedures for termination for cause shall apply without modification.

END OF DOCUMENT

LIST OF ABBREVIATIONS

DAVIDSON MIDDLE SCHOOL RELOCATABLE CLASSROOM REMOVAL

280 Woodland Ave, San Rafael CA 94901

LEGEND

ALL NOTES AND SYMBOLS ARE INTENDED TO APPLY AT ALL OTHER LOCATIONS OF SIMILAR GRAPHIC REPRESENTATION. SUCH INDICATIONS MAY BE LIMITED TO PROMOTE CLARITY. NO LIMITATION OF APPLICATION IS INTENDED EXCEPT AS SPECIFICALLY NOTED.

COLUMN GRIDS A AND 1 IN BUILDING A

DIMENSION TO FACE OF STUD OR MASONRY

DIMENSION TO FACE OF FINISH

DIMENSION TO CENTER LINE OR COLUMN LINE

RELATIVE ELEVATION DIMENSION

DOOR A IN ROOM NUMBER 101 IN BUILDING B ACCESSIBLE CLEARANCES SHOWN DASHED

SEE

WINDOW NUMBER 009

DETAIL NUMBER 11 ON SHEET NUMBER A-9.12

SECTION NUMBER 3 ON SHEET NUMBER A-B6.2

ELEVATION NUMBER 2 ON SHEET NUMBER A-B5.3

ROOM NAME
ROOM NUMBER 204 IN BUILDING A
FLOOR FINISH CODE F-4
INTERIOR ELEVATION SHOWN ON SHEET A-A7.6

REFLECTED CLG PLAN

KEYNOTE NUMBER 33

METAL WALL FRAMING SIZE 8"

WALL ACOUSTIC RATING OF STC 50

TOILET ACCESSORY C

ARCHITECTURAL WOODWORK STANDARDS (AWS) CABINET DESIGN SERIES IDENTIFIER

FINISH CODE, WALL FINISH 2 SHOWN

ROOM / BUILDING ACCESSIBLE SIGNAGE TYPE E1. SEE ARCHITECTURAL GRAPHICS PLAN AND ACCESSIBLE SIGNAGE DETAIL

RELATIVE ORIGIN OR WORK POINT

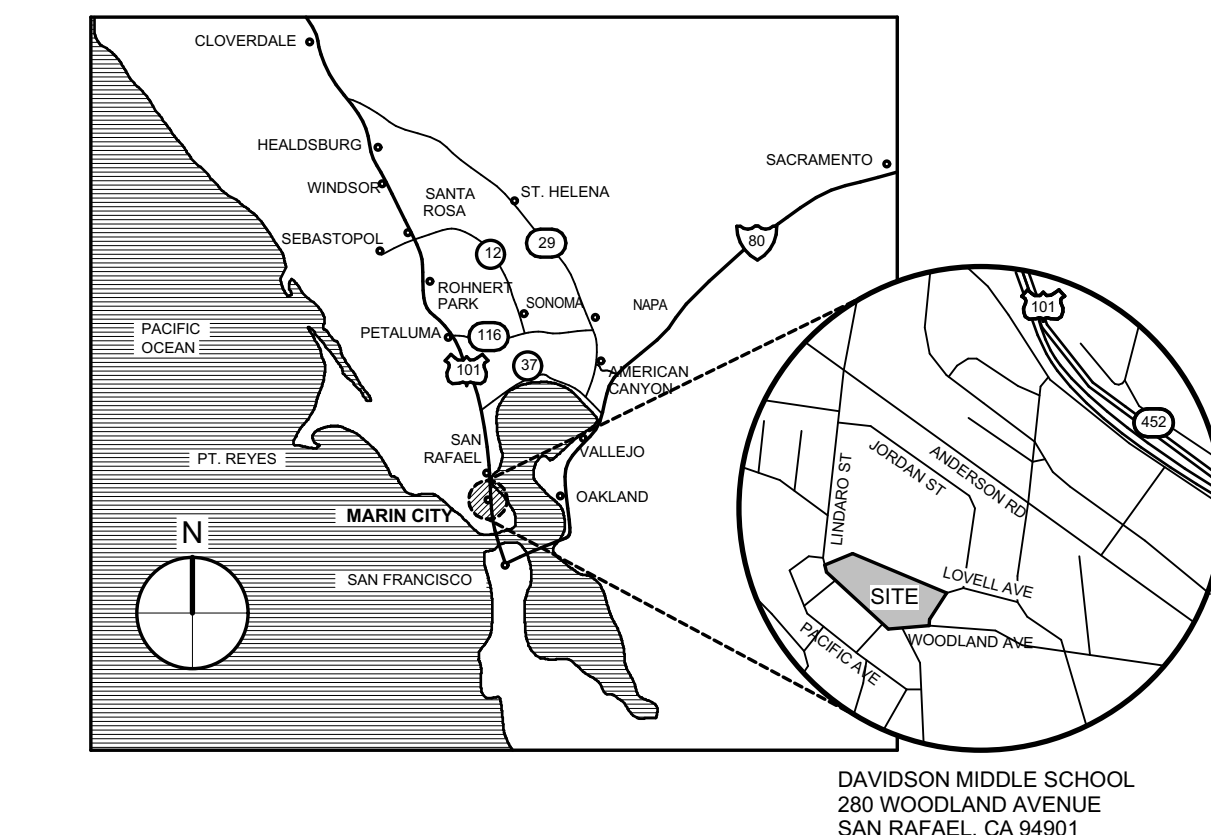
EQUIPMENT TAG REFER TO EQUIPMENT SCHEDULE

YARD

GENERAL NOTES

- ALL WORK IS SHOWN, DESCRIBED OR SPECIFIED IN THE DRAWINGS INDEXED ON THIS PAGE OR IN THE SPECIFICATIONS.
 - ALL FRAMING DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
 - DO NOT SCALE DRAWINGS.
 - VERIFY ALL DIMENSIONS WHERE WORK INVOLVES FRAMING FOR WINDOWS, DOORS, OR CABINETS.
 - ONLY WORK SO NOTED IS NOT IN CONTRACT (N.I.C.) ALL N.I.C. ITEMS ARE NOT PART OF DSA APPROVAL
 - GOVERNING CODES: A COPY OF TITLE 24 PARTS 1-5 SHALL BE KEPT ON THE JOB AT ALL TIMES. CALIFORNIA CODE OF REGULATIONS TITLE 24 BUILDING STANDARDS CODE.
 - PART 1 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR
 - PART 2 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2015 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2016 CALIFORNIA AMENDMENTS)
 - PART 3 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
 - PART 4 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2015 IAPMO UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
 - PART 5 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2015 IAPMO UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)
 - PART 6 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
 - PART 9 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 CCR (2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)
 - PART 10 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2015 INTERNATIONAL EXISTING BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS)
 - PART 11 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CAL-GREEN), PART 11, TITLE 24 CCR
 - PART 12 2019 CALIFORNIA REFERENCED STANDARDS CODE, PART 12, TITLE 24 CCR
 - TITLE 19 CCR, PUBLIC SAFETY CODE, STATE FIRE MARSHAL REGULATIONS
 - 2010 ADA STANDARDS FOR ACCESSIBILITY DESIGN
 - 2013 ASME A17.1-16/CSA B44-16 SAFETY CODE FOR ELEVATORS AND ESCALATORS
- STANDARD AND GUIDES:
- | | | |
|-----------|--------------------------------------------------------------------------------------------------------|--------------|
| NFPA 13 | INSTALLATION OF FIRE SPRINKLER SYSTEMS (CA AMENDED) | 2016 EDITION |
| NFPA 14 | INSTALLATION OF STANDPIPE AND HOSE SYSTEMS | 2016 EDITION |
| NFPA 17 | DRY CHEMICAL EXTINGUISHING SYSTEMS | 2017 EDITION |
| NFPA 17A | WET CHEMICAL FIRE EXTINGUISHING SYSTEMS | 2017 EDITION |
| NFPA 20 | INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION | 2016 EDITION |
| NFPA 24 | STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES | 2016 EDITION |
| NFPA 25 | CALIFORNIA EDITION - TESTING, MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS | 2013 EDITION |
| NFPA 72 | NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED) | 2016 EDITION |
| NFPA 80 | STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES | 2016 EDITION |
| NFPA 110 | EMERGENCY AND STANDBY POWER SYSTEMS | 2016 EDITION |
| NFPA 170 | STANDARD FOR FIRE SAFETY AND EMERGENCY SYMBOLS | 2018 EDITION |
| NFPA 2001 | STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS | 2015 EDITION |
| UL 300 | STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF COMMERCIAL COOKING EQUIPMENT | 2005 (R2010) |
| UL 464 | AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES | 2003 EDITION |
| UL 521 | STANDARD FOR HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS | 1999 EDITION |
| UL 1971 | STANDARD FOR SIGNALING DEVICES FOR THE HEARING G IMPAIRED | 2002 EDITION |
| UL 2034 | STANDARD FOR SINGLE AND MULTIPLE CARB ON MONOXIDE ALARMS | 2017 EDITION |
| ICC 300 | STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS | 2012 EDITION |

VICINITY MAP



QUATTROCCHI KWOK
ARCHITECTS

Main Office:
636 Fifth Street, Santa Rosa, CA 95404

Pleasanton Office:
600 Main Street, Suite E,
Pleasanton, CA 94566
(707) 576-0829

STEVEN KWOK
LICENSE # C20161
EXP APRIL 30, 2021

SIGNED: FEBRUARY 12, 2020

PROJECT DESCRIPTIONS

REMOVAL OF (10) RE-LOCATABLE CLASSROOMS AND DISCONNECT OF ELECTRICAL, TELECOM AND FIRE ALARM

SHEET INDEX

GENERAL	
G-0.1	COVER SHEET, ABBREVIATIONS AND NOTES
A-1.0	SITE PLAN
ELECTRICAL	
E-1.1	SITE PLAN - ELECTRICAL
E-1.2	SITE PLAN - LOW VOLTAGE
E-1.3	SITE PLAN - FIRE ALARM
E-1.5	SINGLE LINE DIAGRAM - POWER
E-1.7	DETAILS

PROJECT TEAM

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San Rafael City School District
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636 Fifth Street
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Email: evee@qka.com

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4340 Redwood Highway, Suite 245
San Rafael, CA 94903
Phone: 415-492-0420
Contact: Pieter Colenbrander
Email: pcolenbrander@ommconsulting.com

DAVIDSON MIDDLE SCHOOL RELOCATABLE CLASSROOM REMOVAL

280 Woodland Ave,
San Rafael, CA 94901

San Rafael City Schools

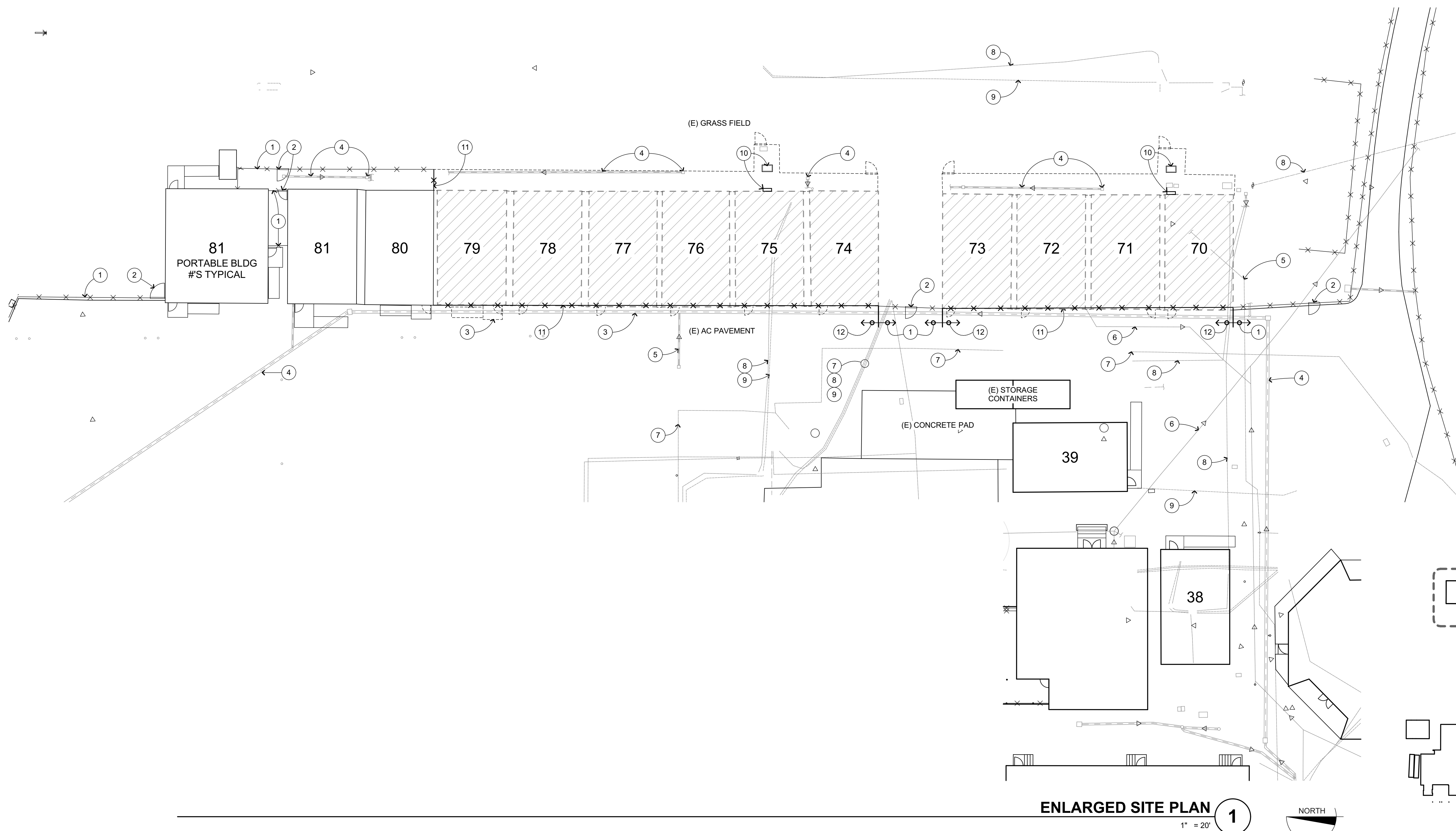
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DRAWN BY:	MD
DRAWING SCALE:	N.T.S.
PTN:	N/A
CONSTRUCTION DOCS	
FEBRUARY 12, 2020	
SHEET TITLE	

COVER SHEET

SHEET NUMBER

G-0.1

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DEMOLITION PLAN KEYNOTES

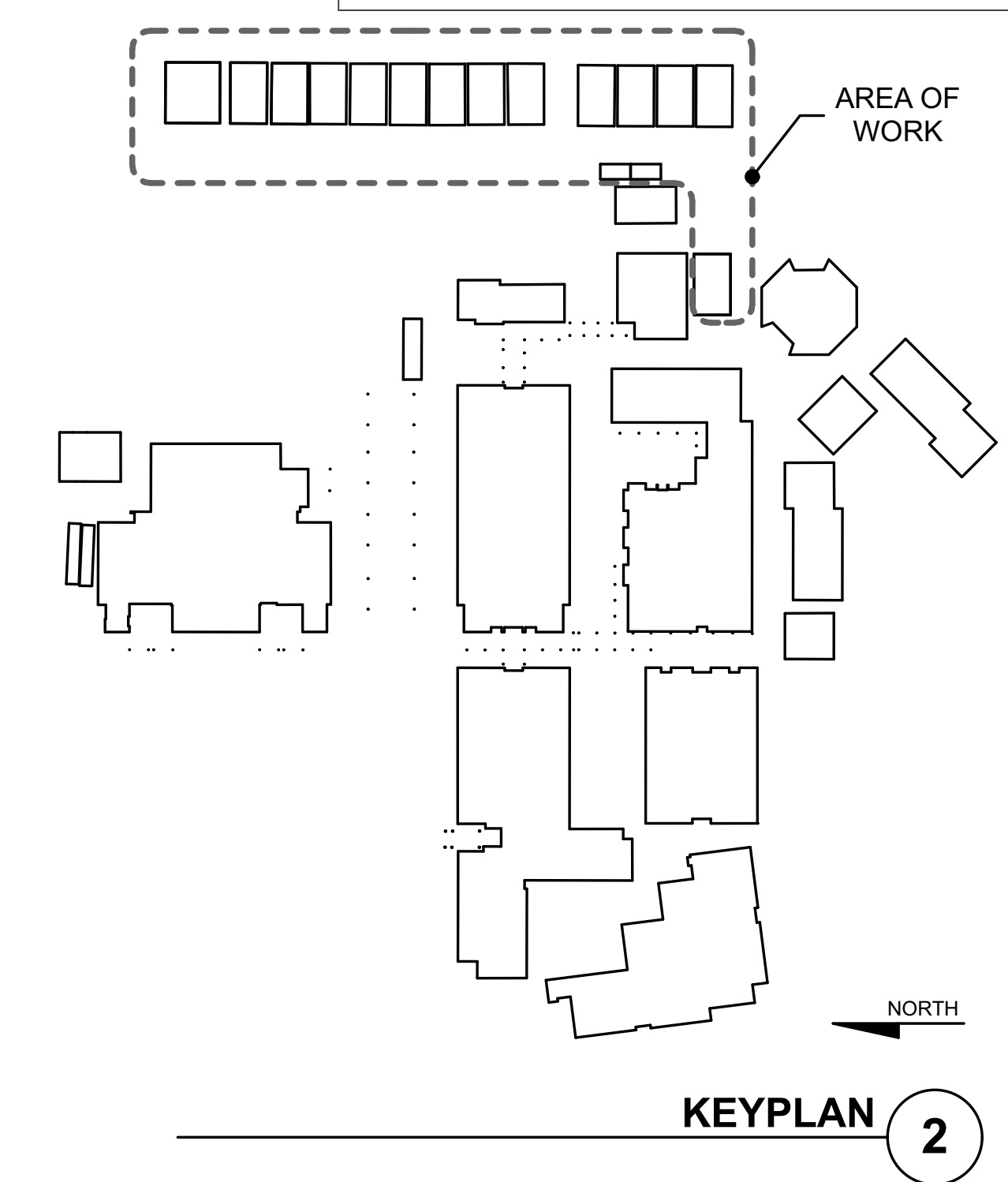
- 1 (E) CHAIN LINK FENCE, TO REMAIN
- 2 (E) CHAIN LINK GATE TO REMAIN
- 3 (E) RAMP TO BE DEMOLISHED
- 4 (E) 8" STORM DRAIN & CONCRETE BASIN
- 5 (E) WATER LINE
- 6 (E) SEWER LINE
- 7 (E) GAS LINE
- 8 (E) POWER LINE
- 9 (E) TELECOM
- 10 (E) ELECTRICAL ITEM, S.E.D.
- 11 (N) CHAIN LINK FENCE, MATCH (E)
- 12 (N) CHAIN LINK FENCE, MATCH & TIE INTO (E)

SITE DEMOLITION NOTES

1. THE DISTRICT WILL REMOVE ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
2. REMOVE (E) BUILDINGS AND ASSOCIATED RAMPS AND DISPOSE OF UNUSED MATERIAL IN ACCORDANCE WITH LOCAL REGULATIONS.
3. REFER TO ELECTRICAL DRAWINGS FOR DISCONNECT OF BUILDINGS.
4. PATCH HOLES IN (E) AC PAVEMENT WITH (N) AC SEE PLANS FOR (N) FENCE LOCATIONS
5. INSTALL 8'-0" CHAIN LINK FENCING TO MATCH EXISTING SEE PLANS FOR (N) FENCE LOCATIONS
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY CONFIRM EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
7. THE CONTRACTOR SHALL VERIFY AND LOCATE ALL EXISTING ABOVE AND UNDERGROUND UTILITIES AND SERVICES. PROTECT ALL EXISTING UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED ON THE PLANS. WHERE DEMOLISHED, CAP AS REQUIRED AND IDENTIFY FOR OWNER. EXISTING MAINS AND SERVICE LINES SHOWN HAVE NOT BEEN VERIFIED IN THE FIELD.
8. IF UTILITIES TO REMAIN IN PLACE ARE DAMAGED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY AND MAKE REPAIRS TO SAID LINES AS QUICKLY AS POSSIBLE, AT NO EXPENSE TO THE OWNER.
9. DEMOLITION OF UTILITIES TO BE STAGED AS REQUIRED SO THAT EXISTING SERVICE TO REMAINING BUILDINGS ARE NOT INTERRUPTED. (REFER TO ELECTRICAL DRAWINGS)
10. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO PREVENT DEBRIS AND UNSUITABLE MATERIALS FROM ENTERING STORM DRAINS, SANITARY SEWERS AND STREETS.
11. DUST CONTROL SHALL BE IMPLEMENTED DURING DEMOLITION.

DEMOLITION LEGEND

- (E) PORTABLE BUILDING AREA, NO WORK
- (E) BUILDING TO BE REMOVED
- (E) FENCE / GATE TO BE DEMOLISHED
- (E) FENCE / GATE TO REMAIN



QUATTROCCHI KWOK ARCHITECTS
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Pleasanton Office: 600 Main Street, Suite E, Pleasanton, CA 94566 (707) 576-0829

LICENSED ARCHITECT
STEVEN KWOK
LICENSE # C20161
EXP APRIL 30, 2021
STATE OF CALIFORNIA

SIGNED: FEBRUARY 12, 2020

DAVIDSON MIDDLE SCHOOL
RELOCATABLE CLASSROOM REMOVAL

280 Woodland Ave,
San Rafael, CA 94901

San Rafael City Schools

ARCH PROJECT NO: 1855.00
DRAWN BY: MD
DRAWING SCALE: AS NOTED
PTN: N/A
CONSTRUCTION DOCS
FEBRUARY 12, 2020
SHEET TITLE

SITE PLAN

SHEET NUMBER

A-1

NUMBERED SHEET NOTES

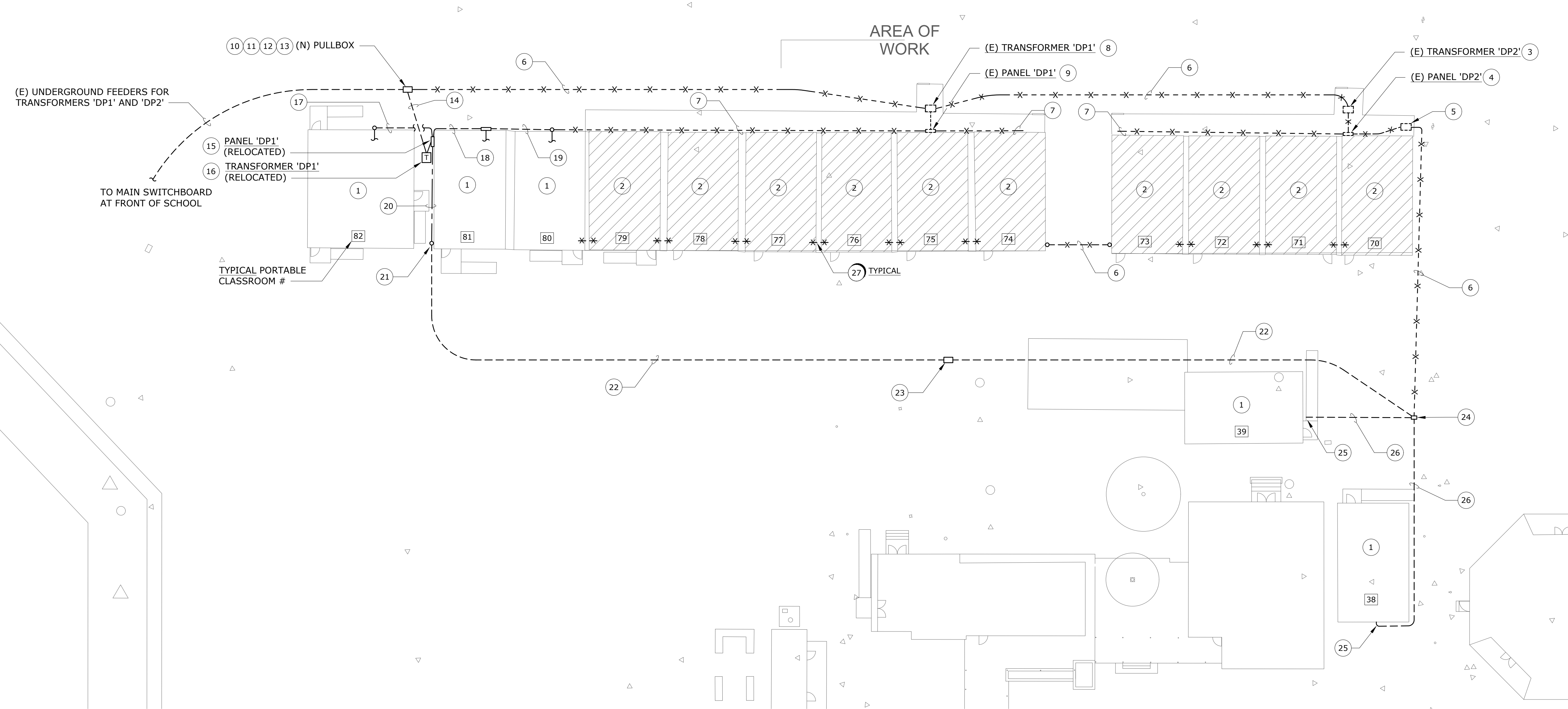
- 24 REPLACE (E) PULLBOX WITH (N) CHRISTY #N30 OR EQUAL, WITH STEEL LID LABELED "POWER". INTERCEPT (E) FEEDERS TO PORTABLES #38 AND #39 AT THIS PULLBOX AND SPLICE TO (N) FEEDERS. SPLICE WITH LONG BARREL HIGH COMPRESSION BUTT SPLICES AND 3M COLD SHRINK ON EACH PHASE, NEUTRAL, AND GROUND CONDUCTOR. SEE E-5.1.
- 25 MAINTAIN (E) FEEDER CONNECTION TO PORTABLE. PROTECT IN PLACE.
- 26 (E) UNDERGROUND FEEDER TO REMAIN. PROTECT IN PLACE.
- 27 DISCONNECT AND REMOVE (E) FLEX RACEWAYS AND CABLING BETWEEN PORTABLE BUILDINGS (NEAR CEILING).

NUMBERED SHEET NOTES

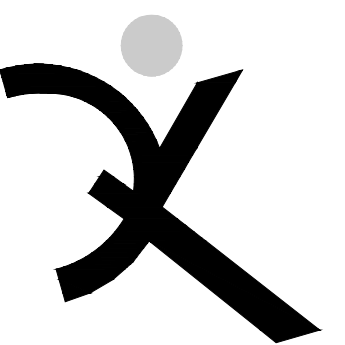
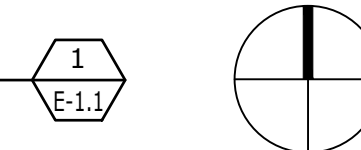
- 13 CUT AND REMOVE TRANSFORMER 'DP1' FEEDER AT (N) PULLBOX LOCATION AND TO SOUTH. MAINTAIN (E) PORTION FROM MAIN SWITCHBOARD AND SPLICE / EXTEND (N) LENGTH OF FEEDER FROM (N) PULLBOX TO RELOCATED TRANSFORMER LOCATION AT NORTH SIDE OF PORTABLE #81. SPLICE WITH LONG BARREL HIGH COMPRESSION BUTT SPLICES AND 3M COLD SHRINK ON EACH PHASE, NEUTRAL, AND GROUND CONDUCTOR. SEE E-5.1.
- 14 PROVIDE AND INSTALL (N) UNDERGROUND FEEDER EXTENSION OF (E) TRANSFORMER 'DP1' FEEDER, FROM PULLBOX TO TRANSFORMER. SEE 3/E-7.1.
- 15 REINSTALL (E) PANEL 'DP1' ON WALL OF PORTABLE #81. CONNECT COMPLETE WITH (N) FEEDER FROM RELOCATED TRANSFORMER 'DP1'. SEE E-5.1.
- 16 REINSTALL (E) TRANSFORMER 'DP1' ON 4" CONCRETE PAD AT NORTH SIDE OF PORTABLE #81. CONNECT COMPLETE WITH (N) FEEDER FROM (N) PULLBOX SPLICE. SEE E-5.1 AND 2/E-7.1.
- 17 INTERCEPT (E) FEEDER TO PORTABLE #82, SPLICE, AND EXTEND TO RELOCATED PANEL 'DP1'. SPLICE IN (E) JUNCTION BOX ON CORNER OF PORTABLE #81 WITH LONG BARREL HIGH COMPRESSION BUTT SPLICES AND 3M COLD SHRINK ON EACH PHASE, NEUTRAL, AND GROUND CONDUCTOR. SEE E-5.1.
- 18 PROVIDE AND INSTALL (N) SURFACE MOUNTED FEEDER FOR PORTABLE #81, FROM RELOCATED PANEL 'DP1' TO (E) POWER PANEL AT PORTABLE. RECONNECT COMPLETE. SEE E-5.1.
- 19 PROVIDE AND INSTALL (N) SURFACE MOUNTED FEEDER FOR PORTABLE #80, FROM RELOCATED PANEL 'DP1' TO (E) POWER PANEL AT PORTABLE. PROVIDE FLEX CONDUIT CONNECTION ACROSS GAP BETWEEN PORTABLE #80 AND #81. RECONNECT COMPLETE. SEE E-5.1.
- 20 PROVIDE AND INSTALL SURFACE MOUNTED RACEWAY FOR PORTABLE #38 AND #39 FEEDERS. SEE E-5.1.
- 21 TRANSITION FROM SURFACE MOUNTED TO UNDERGROUND AT CORNER OF PORTABLE.
- 22 PROVIDE AND INSTALL (N) SCHEDULE 40 PVC UNDERGROUND CONDUIT AND FEEDER CONDUCTORS FOR (N) FEEDERS TO PORTABLES #38 AND #39. SEE E-5.1 AND 3/E-7.1.
- 23 PROVIDE AND INSTALL (N) FLUSH IN-GROUND PULLBOX WITH STEEL LID LABELED "POWER" (CHRISTY #N30 OR EQUAL). SEE 5/E-7.1.

NUMBERED SHEET NOTES

- 1 (E) PORTABLE CLASSROOM TO REMAIN. PROTECT IN PLACE AND RE-FEED POWER, TELECOM, SPEAKER, AND FIRE ALARM AS SHOWN.
- 2 (E) PORTABLE CLASSROOM TO BE REMOVED. DISCONNECT AND COMPLETELY REMOVE ALL (E) POWER, TELECOM, AND FIRE ALARM, BACK TO NEAREST JUNCTION TO REMAIN.
- 3 DISCONNECT AND REMOVE (E) TRANSFORMER, PAD, AND ALL RELATED PRIMARY AND SECONDARY FEEDERS, INCLUDING FEEDER CONDUCTORS BACK TO (N) PULLBOX AT NORTH (NOTE 10). (E) UNDERGROUND RACEWAYS MAY BE ABANDONED IN PLACE, AFTER CONDUCTORS ARE REMOVED.
- 4 DISCONNECT AND REMOVE (E) PANELBOARD (SURFACE MOUNTED ON EXTERIOR OF PORTABLE), INCLUDING ALL RELATED INCOMING AND OUTGOING RACEWAYS, FEEDERS, AND BRANCH CIRCUITS.
- 5 REMOVE (E) PULLBOX, BACK-FILL, AND COMPACT MATERIAL IN (E) HOLE.
- 6 REMOVE (E) CONDUCTORS IN (E) UNDERGROUND RACEWAYS. (E) UNDERGROUND RACEWAYS MAY BE ABANDONED IN PLACE, AFTER CONDUCTORS ARE REMOVED.
- 7 REMOVE ALL (E) SURFACE MOUNTED RACEWAYS AND CONDUCTORS ON EXTERIOR OF PORTABLES.
- 8 DISCONNECT AND RELOCATE (E) TRANSFORMER TO THE NORTH SIDE OF (E) PORTABLE #81 AND RECONNECT COMPLETE. SEE NOTE 16. REMOVE (E) PAD.
- 9 DISCONNECT AND RELOCATE (E) PANEL TO THE NORTH SIDE OF (E) PORTABLE #81 AND RECONNECT COMPLETE. SEE NOTE 15. REMOVE ALL (E) FEEDER AND BRANCH CIRCUIT CONDUITS AND CONDUCTORS.
- 10 FIELD LOCATE AND IDENTIFY (E) UNDERGROUND FEEDERS FROM MAIN SWITCHBOARD TO TRANSFORMERS. INTERCEPT IN THIS APPROXIMATE LOCATION AND SET (N) PULLBOX FOR SPLICING OF (E) FEEDERS. PROVIDE AND INSTALL (N) FLUSH IN-GROUND PULLBOX WITH CONCRETE LID LABELED "POWER" (CHRISTY #N36 OR EQUAL). SEE 5/E-7.1.
- 11 CUT AND REMOVE TRANSFORMER 'DP2' FEEDER AT (N) PULLBOX LOCATION AND TO SOUTH. MAINTAIN (E) PORTION TO NORTH, BACK TO MAIN SWITCHBOARD. MARK AS "SPARE" WITH PERMANENT PLASTIC FEEDER ID TAG, INCLUDING SOURCE LOCATION "FROM MAIN SWITCHBOARD".
- 12 DISCONNECT (E) TRANSFORMER 'DP2' FEEDER AT CIRCUIT BREAKER IN MAIN SWITCHBOARD PER NOTE 1 ON E-5.1. MARK BREAKER AND CONDUCTORS AS SPARE. CONDUCTORS MUST BE REMOVED FROM BREAKER - DO NOT LOCK-OUT / TAG-OUT ONLY.



SITE PLAN - ELECTRICAL
SCALE: 1" = 20'-0"



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**REMOVAL OF
RE-LOCATABLE
CLASSROOMS**

280 Woodland Ave
San Rafael, CA 94901

San Rafael City Schools

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**SITE PLAN -
ELECTRICAL**

SHEET NUMBER

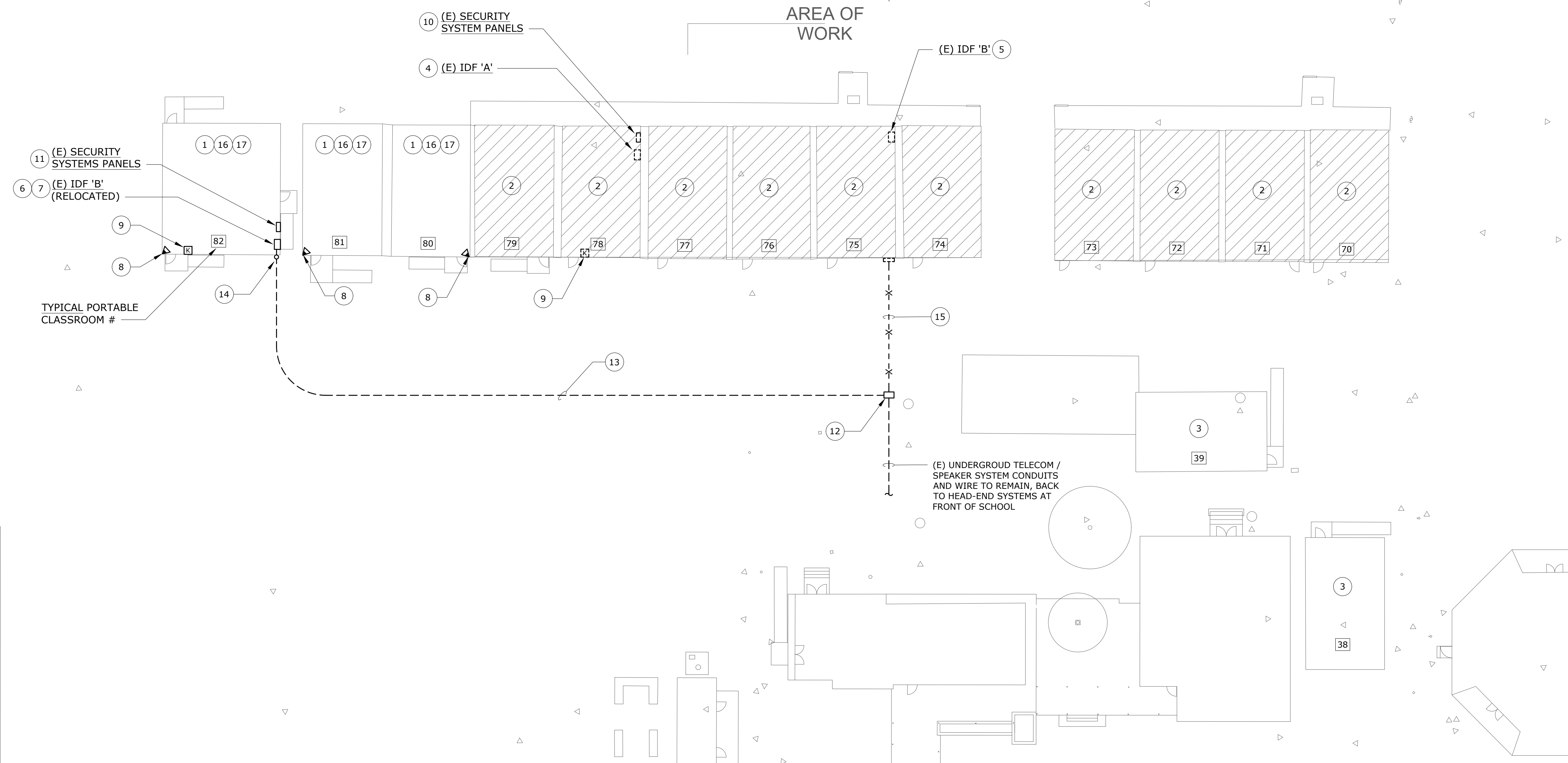
E-1.1

NUMBERED SHEET NOTES

- 11 RE-INSTALL (E) SECURITY PANELS AT THIS LOCATION. RECONNECT ALL (E) MONITORING DEVICES / ZONES TO (E) EQUIPMENT. SUB-CONTRACT WITH BAY ALARM FOR REQUIRED PARTS AND PROGRAMMING.
- 12 PROVIDE AND INSTALL (N) FLUSH IN-GROUND PULLBOX WITH STEEL LID LABELED "LOW VOLTAGE" (CHRISTY #N30 OR EQUAL). PROVIDE SPLICES PER NOTE 13.
- 13 PROVIDE AND INSTALL (1) 1", (1) 1.25", AND (1) 2" SCHEDULE 40 PVC WITH (N) LOW VOLTAGE WIRING TO RELOCATED 'IDF-B'. INCLUDE (1) 6-STRAND MM 50 MICRON FIBER AND (1) 12-PAIR #16 TWST / SHIELDED SPEAKER CONDUCTORS. PROVIDE WEATHER-PROOF FIBER FUSION SPLICE AND COPPER CABLE SPLICES IN PULLBOX (NOTE 12).
- 14 TURN UP AT BUILDING EDGE AND RISE UP TO NEAR CEILING WITH SURFACE MOUNTED EMT, PAINTED TO MATCH EXTERIOR. TRANSITION TO INTERIOR NEAR CEILING WITH CONDULET ELBOWS, TO RELOCATED 'IDF-B'.
- 15 DISCONNECT AND REMOVE (E) LOW VOLTAGE CABLING. ABANDON (E) UNDERGROUND RACEWAYS IN PLACE.
- 16 MAINTAIN (E) PUBLIC ADDRESS SYSTEM SPEAKERS IN (E) PORTABLE AND RECONNECT COMPLETE TO RELOCATED SPEAKER TRUNK WIRING AT IDF-B (NOTE 7). TEST UPON COMPLETION FOR PROPER OPERATION.
- 17 MAINTAIN (E) TELECOM JACKS AND CABLING IN (E) PORTABLE AS DESCRIBED IN NOTE 7. REROUTE AND RECONNECT COMPLETE, USING (E) CABLING, FOR MAINTAINED NETWORK OPERATION FROM RELOCATED IDF-B.

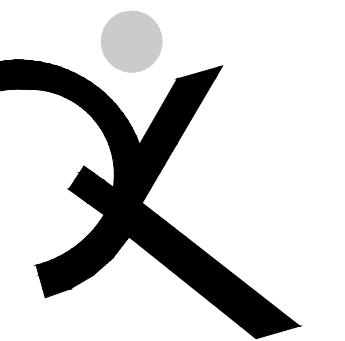
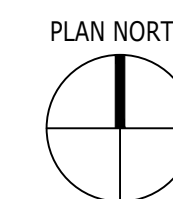
NUMBERED SHEET NOTES

- 1 (E) PORTABLE CLASSROOM TO REMAIN. PROTECT IN PLACE AND RE-FEED ALL (E) TELECOM JACKS / SPEAKERS / CABLING TO RELOCATED IDF 'B' AS SHOWN. CAREFULLY REMOVE, PULL BACK, AND PROTECT (E) STATION CABLING AS NEEDED TO SERVE FROM PORTABLE #82 RELOCATED IDF LOCATION. SEE NOTE 7.
- 2 (E) PORTABLE CLASSROOM TO BE REMOVED. DISCONNECT AND COMPLETELY REMOVE ALL (E) LOW VOLTAGE CONDUIT AND WIRING BACK TO SOURCES, INCLUDING TELECOM, SPEAKERS, SECURITY, ETC.
- 3 (E) PORTABLE CLASSROOM TO REMAIN. PROTECT IN PLACE. ALL (E) LOW VOLTAGE TO REMAIN AS-IS.
- 4 DISCONNECT AND COMPLETELY REMOVE (E) IDF 'A' AND ALL RELATED CONDUITS AND WIRING.
- 5 DISCONNECT AND RELOCATE (E) IDF 'B' TO NEW LOCATION AT PORTABLE #82. SEE NOTE 6.
- 6 RE-INSTALL (E) IDF 'B' AT THIS LOCATION. PROVIDE (N) QUAD RECEPTACLE INSIDE IDF WITH (N) DEDICATED 20A CIRCUIT FROM PORTABLE BUILDING POWER PANEL SPARE CIRCUIT BREAKER. RE-FEED (E) FIBER FEEDER AND RE-TERMINATE TO DISTRICT SWITCH.
- 7 RE-ROUTE ALL (E) STATION CABLING IN PORTABLES #80, #81, AND #82 TO THIS NEW IDF LOCATION AND RE-TERMINATE ON (E) PATCH PANEL. CUT (E) CABLE SHORTER (AS REQUIRED) AND PROVIDE (N) PUNCH DOWNS ON (E) PATCH PANEL, FOR EACH TERMINATION. ALL STATION CABLING ASSUMED TO HAVE ADEQUATE LENGTH FROM PREVIOUS IDF LOCATION. ALSO RELOCATE AND RE-TERMINATE (E) PA SYSTEM SPEAKER TRUNK CABLING (NOTE 13) AT RELOCATED IDF-B ON (N) 110 BLOCK AT REAR OF CABINET.
- 8 (E) SECURITY SYSTEM SENSOR TO REMAIN. RECONNECT TO RELOCATED SECURITY PANEL EQUIPMENT.
- 9 (E) SECURITY SYSTEM KEYPAD. RELOCATE TO PORTABLE #82 AS SHOWN AND RECONNECT COMPLETE.
- 10 DISCONNECT AND RELOCATE (E) SECURITY SYSTEM PANELS TO NEW LOCATION AT PORTABLE #82. SEE NOTE 11.

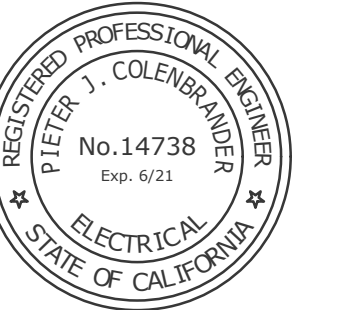


SITE PLAN - LOW VOLTAGE
SCALE: 1" = 20'-0"

1
E-1.2



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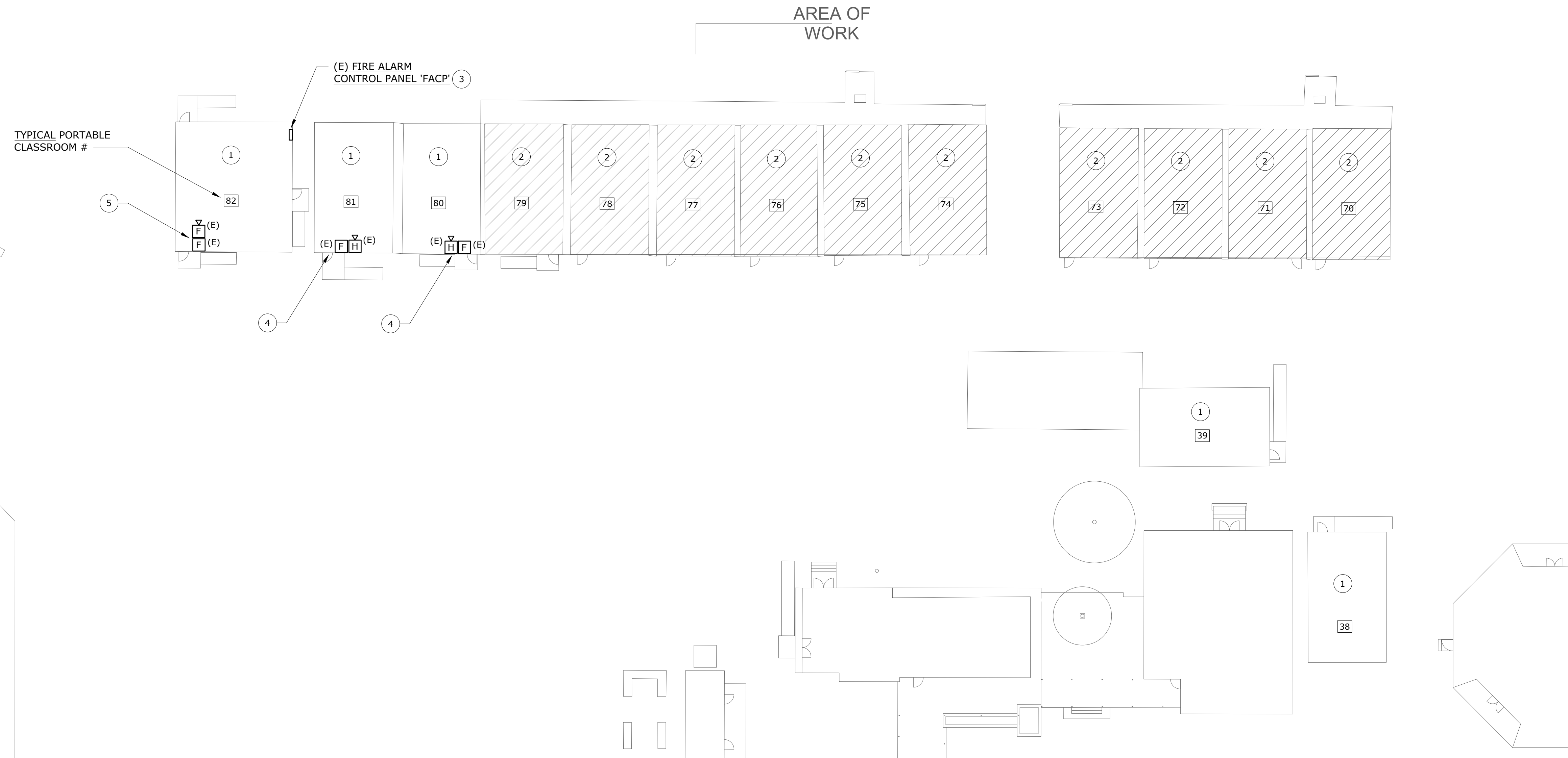
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**SITE PLAN -
LOW VOLTAGE**

SHEET NUMBER

E-1.2

- ### NUMBERED SHEET NOTES
- 1 (E) PORTABLE CLASSROOM TO REMAIN. PROTECT IN PLACE ALL (E) FIRE ALARM DEVICES AND WIRING (NO CHANGES). BUILDING IS (E) TO REMAIN WITH NO USE CHANGES OR RENOVATION.
 - 2 (E) PORTABLE CLASSROOM TO BE REMOVED. DISCONNECT AND COMPLETELY REMOVE ALL (E) FIRE ALARM DEVICES AND WIRING, WHICH CONSIST OF 120V PULL STATIONS AND HORNS.
 - 3 (E) FACP TO REMAIN (NO CHANGES).
 - 4 (E) FIRE ALARM DEVICES TO REMAIN (120V PULL STATION AND HORN).
 - 5 (E) FIRE ALARM DEVICES TO REMAIN (SYSTEM PULL STATION AND HORN/STROBE, CONNECTED TO FACP).



SITE PLAN - FIRE ALARM
SCALE: 1" = 20'-0"

1
E-13



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**SITE PLAN -
FIRE ALARM**

SHEET NUMBER
E-1.3

(E) PANEL DP1

VOLTS:	120 / 208			MAIN BRKR:	(E) 300A/3P
PHASE:	3 PH	MARK BREAKERS 1 THROUGH 12 AS SPARE. PROVIDE (N) TYPED PANEL DIRECTORY.		FEEDER:	SEE SINGLE LINE
WIRE:	4 W	** RECONNECT (N) FEEDER COMPLETE TO (E) CIRCUIT BREAKER.		CONDUIT:	SEE SINGLE LINE
BUSSING:	400A	*** PROVIDE AND INSTALL (N) CIRCUIT BREAKER TAKEN FROM (E) PANEL 'DP2'		MOUNTED:	NEMA 3R WALL
POLES:	42P			AIC RATING:	10KAIC

LOAD DESCRIPTION	TYPE	A	B	C	BRKR.	CKT.	CKT.	BRKR.	A	B	C	TYPE	LOAD DESCRIPTION
SPARE					(E)90/2	1	2	(E)90/2					SPARE
SPARE					(E)90/2	3	4	(E)90/2					SPARE
SPARE					(E)90/2	5	6	(E)90/2					SPARE
SPARE					(E)90/2	7	8	(E)90/2					SPARE
SPARE					(E)50/2	9	10	(E)90/2					SPARE
SPARE					(E)50/2	11	12	(E)90/2					SPARE
(E) PORTABLE 80 **	M	8.00			(E)100/2	13	14	(E)100/2	8.00			M	(E) PORTABLE 79 **
(E) PORTABLE 81 **	M		8.00		(E)100/2	15	16	(E)100/2		8.00		M	(E) PORTABLE 78 **
(E) SPACE					(E)100/2	17	18	(E)100/2			8.00	M	(E) PORTABLE 38 **
(E) SPACE					(E)100/2	19	20	(E)100/2	8.00			M	(E) PORTABLE 39 **
(E) SPACE						21	22	100/2		8.00		M	(E) SPACE
(E) SPACE						23	24	***				M	(E) SPACE
(E) SPACE						25	26					M	(E) SPACE
(E) SPACE						27	28					M	(E) SPACE
(E) SPACE						29	30					M	(E) SPACE
(E) SPACE						31	32					M	(E) SPACE
(E) SPACE						33	34					M	(E) SPACE
(E) SPACE						35	36					M	(E) SPACE
(E) SPACE						37	38					M	(E) SPACE
(E) SPACE						39	40					M	(E) SPACE
(E) SPACE						41	42					M	(E) SPACE
		16.00	8.00	8.00					16.00	16.00	16.00		

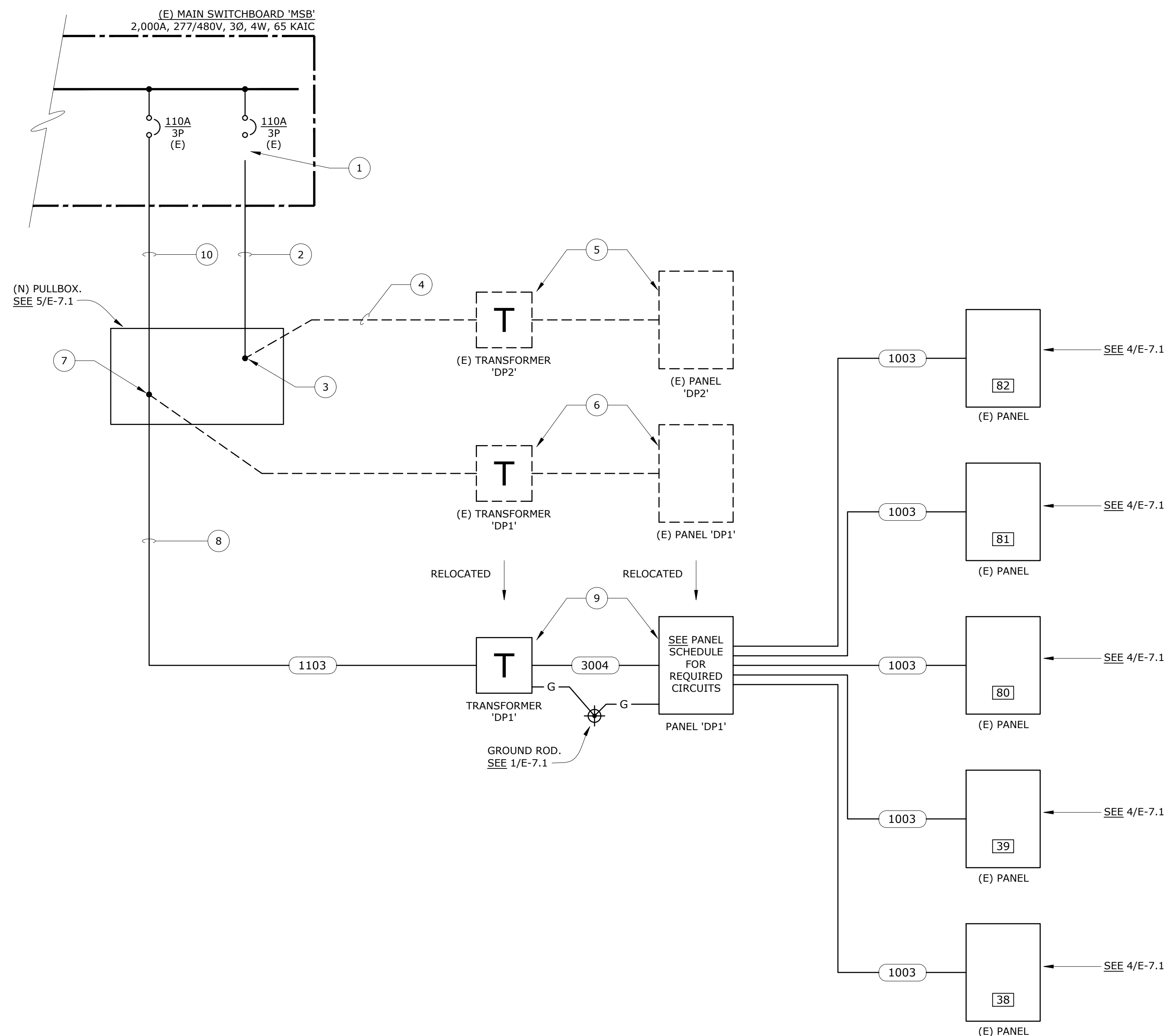
DEMAND LOAD SUMMARY	CONN. KVA	DEMAND FACTOR	DEMAND KVA
TYPE "M": NON-CONTINUOUS / MISC. LOADS	80.00	100%	80.00
TYPE "L": LIGHTING / CONTINUOUS LOADS	0.00	125%	0.00
TYPE "R": RECEPTACLES (FIRST 10KVA)	0.00	100%	0.00
TYPE "R": RECEPTACLES (OVER 10KVA)	0.00	50%	0.00
TYPE "H": HVAC / MECHANICAL LOADS	0.00	100%	0.00
TOTALS:	80.00		80.00

PHASE A:	32.00	KVA
PHASE B:	24.00	KVA
PHASE C:	24.00	KVA
	266.67	MAX AMPS / PHASE

COPPER FEEDER SCHEDULE		
FEEDER	CONDUIT	CONDUCTORS
3004	(1) 3"	(4)350 MCM & (1)#4 G.
1103	(1) 1-1/2"	(3)#1 & (1)#6 G.
1003	(1) 1-1/4"	(3)#3 & (1)#8 G.

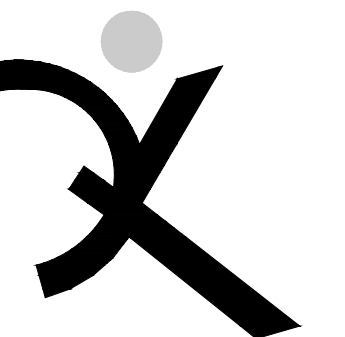
FEEDER TAG KEY	
	INDICATES DOUBLE NEUTRAL
	WIRE QUANTITY
	FEEDER AMPACITY

- ### NUMBERED SHEET NOTES
- DISCONNECT (E) FEEDER FROM BREAKER TERMINALS AND MARK BREAKER AS "SPARE". TAG (E) FEEDER PIG-TAILS AS "SPARE TO REAR PORTABLES AREA" WITH PERMANENT PLASTIC FEEDER TAG.
 - THIS SECTION OF (E) 'DP2' FEEDER TO REMAIN IN UNDERGROUND RACEWAY (AS SPARE).
 - CUT (E) 'DP2' FEEDER AT (N) PULLBOX AS SHOWN ON E-1.1 AND MARK AS SPARE. REMOVE (E) FEEDER TO THE SOUTH, AS SHOWN ON E-1.1.
 - DISCONNECT AND REMOVE THIS SECTION OF (E) FEEDER. (E) RACEWAY MAY BE ABANDONED IN PLACE.
 - DISCONNECT AND COMPLETELY REMOVE (E) TRANSFORMER, PANEL, AND ALL ASSOCIATED CONDUIT, BOXES, AND WIRING. RELOCATE (1) 100A/2P BREAKER FROM THIS PANEL TO (E) PANEL 'DP1'.
 - DISCONNECT AND COMPLETELY REMOVE (E) TRANSFORMER, PANEL, AND ALL ASSOCIATED CONDUIT, BOXES, AND WIRING, BUT RELOCATE TRANSFORMER AND PANEL AS SHOWN.
 - CUT (E) 'DP1' FEEDER AT (N) PULLBOX AS SHOWN ON E-1.1. REMOVE (E) FEEDER TO THE SOUTH, AS SHOWN ON E-1.1. SPLICE AND EXTEND (N) FEEDER TO RELOCATED TRANSFORMER, AS SHOWN ON E-1.1.
 - PROVIDE AND INSTALL (N) FEEDER TO RELOCATED TRANSFORMER.
 - RE-INSTALL (E) TRANSFORMER AND PANEL AT (N) LOCATION AND RECONNECT COMPLETE.
 - THIS SECTION OF (E) 'DP1' FEEDER TO REMAIN. PROTECT AND IN PLACE.



SINGLE LINE DIAGRAM - POWER
SCALE: NONE

1
E-5.1



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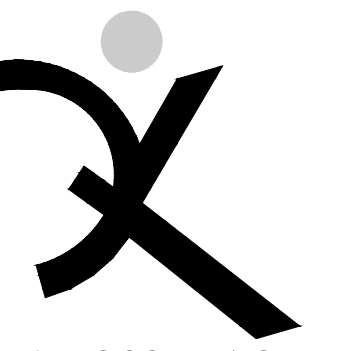
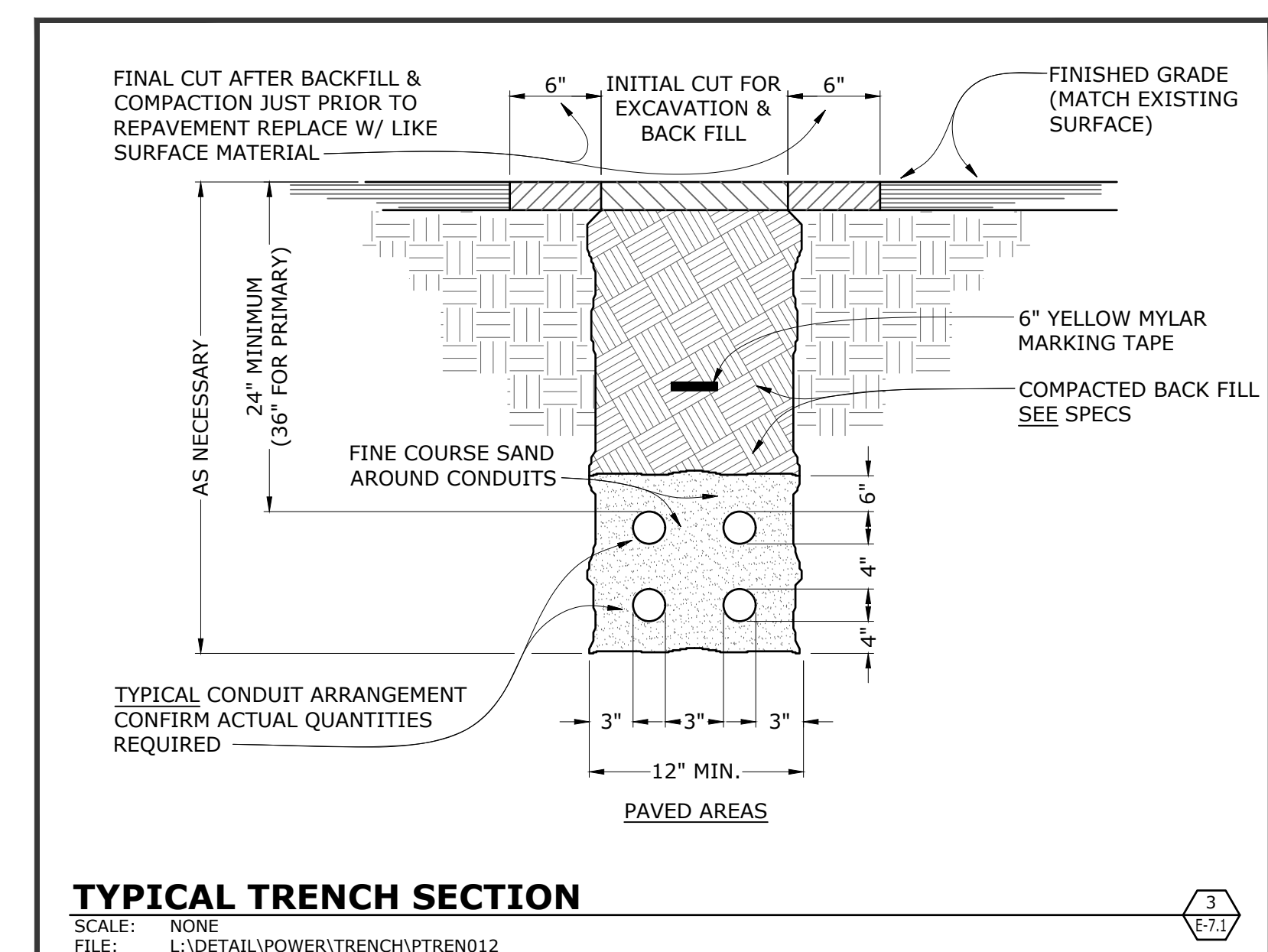
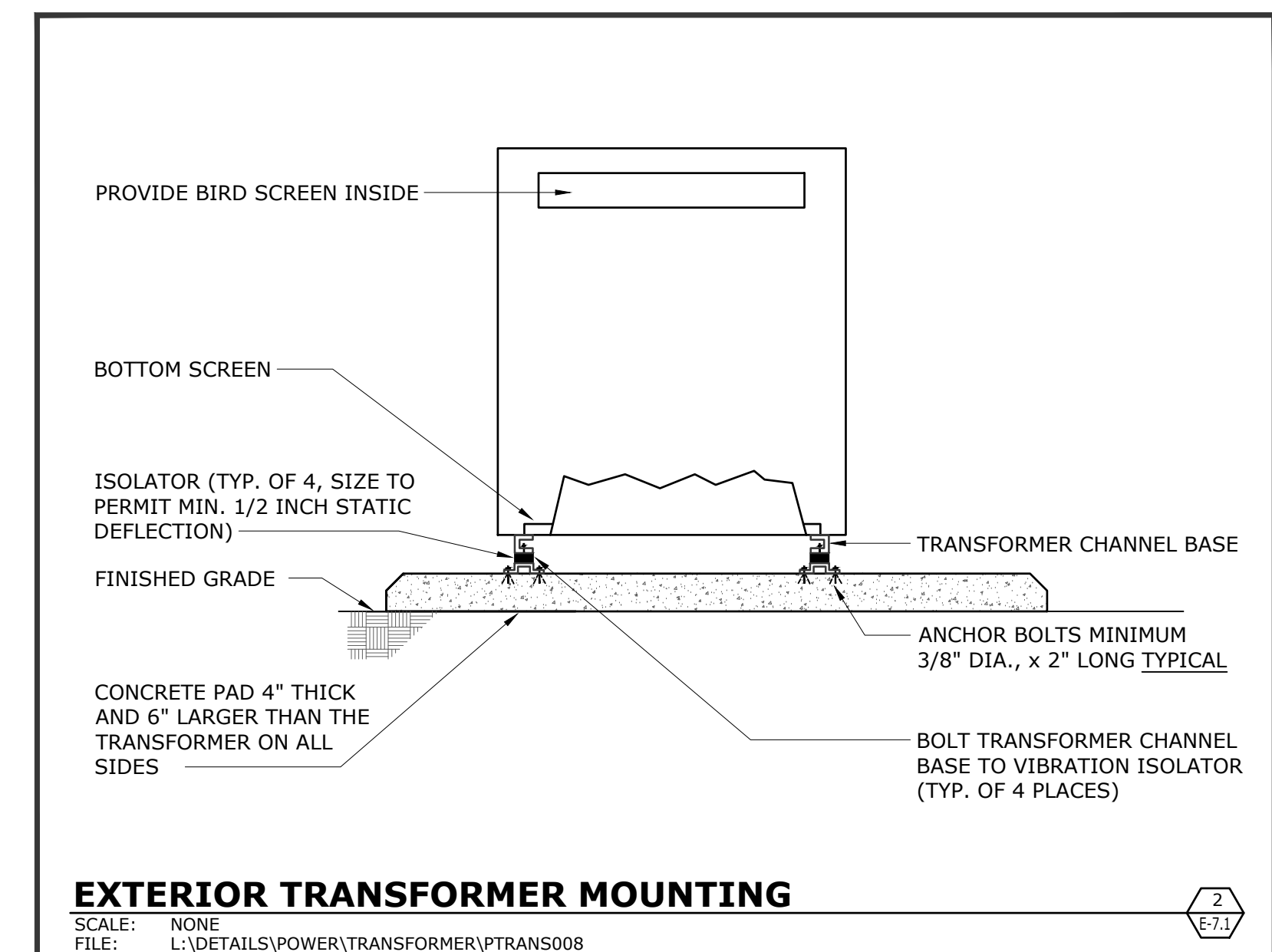
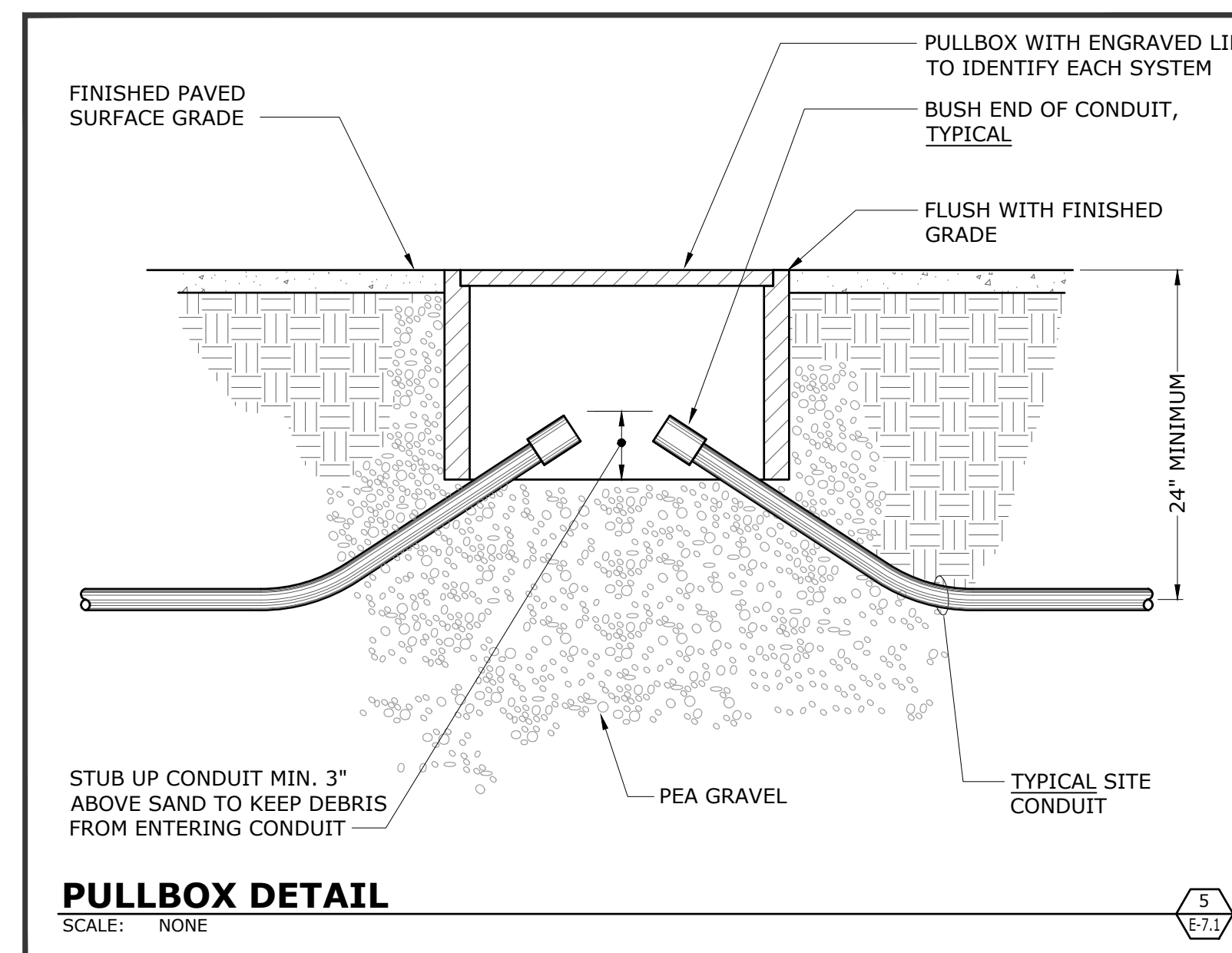
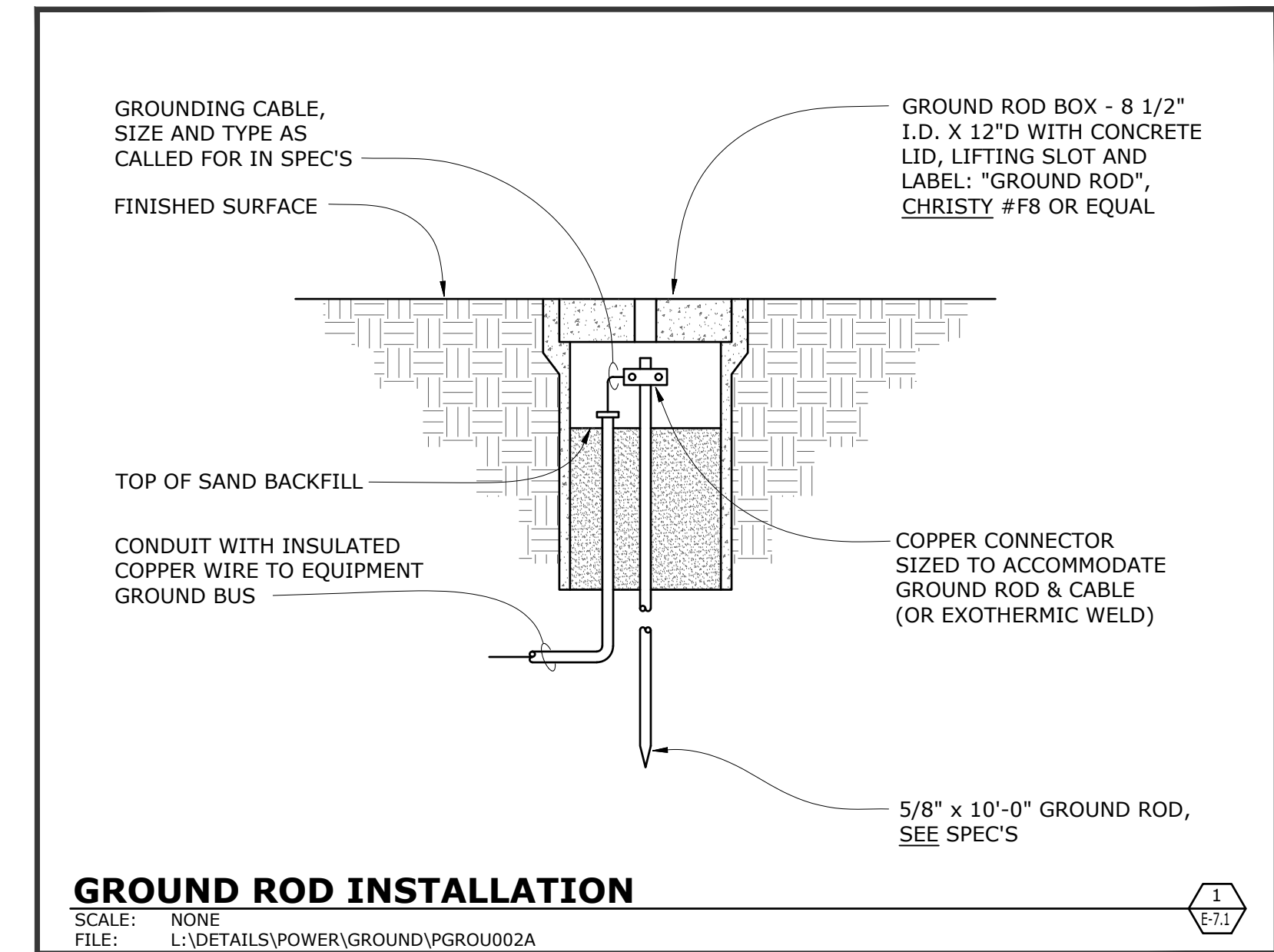
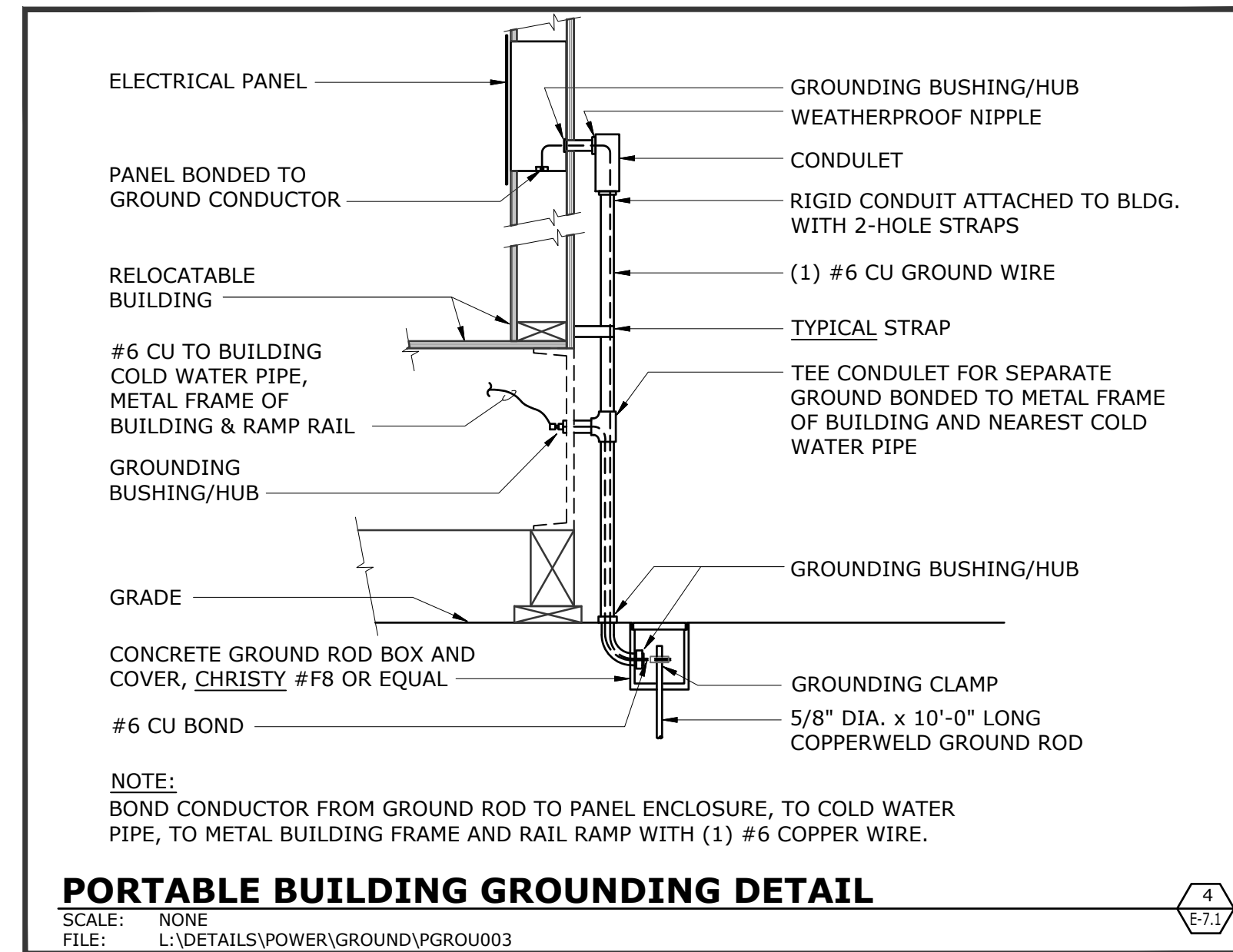
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**SINGLE LINE
DIAGRAM -
POWER**

SHEET NUMBER

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Limited Asbestos & Lead Survey Report

**Davidson Middle School
280 Woodland Avenue
Portable Units 70-79
San Rafael, California**

May 7, 2020


Terracon Project No. R1207405

Prepared for:

Dan Zaich
San Rafael City Schools
310 Nova Albion Way
San Rafael CA, 94903

Prepared by:

Terracon Consultants, Inc.
1466 66th Street
Emeryville, California 94608
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Report Prepared by:  _____ Annabelle Call
Industrial Hygienist, CAC # 12-4856

Report Reviewed by:  _____ Karin Schroeter
Project Manager CAC #92-0772, CDPH #2228

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4. Lead Sample Results.....	6
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Appendices

- 1. Laboratory Results and Chain of Custody – Asbestos**
- 2. Laboratory Results and Chain of Custody – Lead**
- 3. Material and Sample Location Drawing**
- 4. Site Inspector Certificate**

Hazardous Materials Survey Report

*San Rafael City Schools
Davidson Middle School
Portable Units 70-79
San Rafael, California*

1. Executive Summary

The following is a report of a hazardous materials survey conducted by Nigel Arscott, Certified Site Surveillance Technician (CSST) and California Department of Public Health (CDPH) Lead Sampling Technician and Isis Raele, CSST and Lead Sampling Technician, with Terracon Consultants, Inc. (Terracon). The survey was performed on April 15, 2020 in portable units 70-79 of Davidson Middle School located in San Rafael, California.

Due to the planned demolition of the ten (10) portable units, Terracon conducted a comprehensive survey of each. No other materials elsewhere on the campus were sampled including the hardscape beneath the units or insulated utility lines below grade.

A total of fifty-five (55) homogeneous suspect asbestos-containing materials (ACMs) were identified in the portable units. The samples were analyzed using polarized light microscopy (PLM) techniques in accordance with methodology approved by the U.S. Environmental Protection Agency (EPA). As set forth in the Code of Federal Regulations, 40 CFR Part 763, Appendix A to Subpart F, Section 1.2 and 1.7.2.4, the lower limit of reliability detection for asbestos using the PLM method is approximately one percent (1%) by volume. Asbestos was detected in one (1) of the sampled materials.

Twenty-seven (27) paint samples were analyzed for lead content. Lead was not detected in the paint samples.

A visual survey of light fixtures was conducted throughout the portables to identify mercury-containing lamps and fluorescent light tubes. Fluorescent lighting was identified in all of the surveyed portable units.

2. Scope of Work

The scope of the survey was as follows:

- Collect samples of suspect ACMs that will be impacted by the scheduled work which includes the demolition of the ten (10) portable units. Other portable units and structures on the campus were excluded from this scope of work.

- Collect a representative number of samples of suspect ACMs following a National Emissions Standards for Hazardous Air Pollutants (NESHAPS) protocol for sample collection. Asbestos bulk samples were analyzed using polarized light microscopy (PLM) in accordance with EPA's July 1993 method for the determination of asbestos in bulk building materials - EPA 600/R-93/116.
- Collect samples of building materials suspected to be lead-containing for purposes of compliance with California Department of Occupational Safety and Health (DOSH) Lead in Construction Standard. Lead samples were analyzed at an accredited laboratory by Flame Atomic Absorption (AA) for Total Lead reported in parts per million (ppm).
- Submit written report including analytical results and conclusions.

3. Asbestos Sample Results

During the survey, a total of fifty-five (55) suspect homogeneous ACMs were identified. One (1) of the sampled materials was found to contain asbestos. A summary of the sample results is provided in the following tables.

**TABLE I
 ASBESTOS-CONTAINING MATERIAL**

Material Description	Sampling Locations	Asbestos Content
Black Penetration Mastic	Unit 71 – Penetration – Exterior Unit 71 – Black Patch at East Side	Black Mastic: <1% CH

CH = Chrysotile, ND = None Detected

The following materials were sampled but did not contain asbestos.

**TABLE II
 NON-ASBESTOS CONTAINING MATERIALS**

Material Description	General Sample Locations	Sample Results
Fabric Wall Cover with Adhesive and Tan Cove Mastic	Unit 70 – Entrance Unit 70 – South Side Unit 70 – Northeast Corner	None Detected
Drywall with Particle Board Adhesive	Unit 70 – Above Ceiling Near Entrance Unit 70 – South Side Unit 70 – Northeast Corner	None Detected
Yellow Carpet Adhesive	Unit 70 – at Entrance Unit 70 – South Side Unit 70 – Northeast Corner	None Detected

Material Description	General Sample Locations	Sample Results
White Caulk	Unit 70 – Door Frame Unit 70 – Southwest Corner Exterior Trim	None Detected
Gray Caulk	Unit 70 – Roof Edge – Southwest Unit 70 – Roof Edge – West/center Unit 70 – Roof Edge – Northwest	None Detected
4” Black Cove and Adhesive and Wall Paper	Unit 71 – Near Door Unit 71 – North Wall Unit 71 – South Wall	None Detected
Black Sink Undercoating	Unit 71 – Sink	None Detected
Drywall with Panel Adhesive	Unit 71 – North Wall Above Ceiling Unit 71 – East Wall Unit 71 – South Wall	None Detected
Carpet Glue	Unit 71 – Near Door Unit 71 – Southeast Corner Unit 71 – Under Whiteboard	None Detected
Frame Caulk	Unit 71 – Door Frame – Exterior Unit 71 – Window Frame – Exterior Unit 71 – Trim Caulk – Exterior	None Detected
White Roof Foam	Unit 71 – Middle of Roof Unit 71 – End of Roof	None Detected
Fabric Wall Cover with Adhesive and White Cove Mastic	Unit 72 – Entrance Doorway Unit 72 – West Corner Unit 72 – Southeast Corner	None Detected
Drywall with Particle Board Adhesive	Unit 72 – Entrance Doorway Above Ceiling Unit 72 – North Corner Unit 72 – Southwest Corner	None Detected
Yellow Carpet Adhesive	Unit 72 - Entrance – Doorway Unit 72 – Southwest Corner Unit 72 – Southeast Corner	None Detected
White Caulk – Frame/trim/joints	Unit 72 – East Face – Door Unit 72 – East Face – Joint Unit 72 – East Face – Window	None Detected
White Caulk	Unit 72 – Roof Edge – North Unit 72 – Roof Edge – South	None Detected
4” Brown Cove with Beige Adhesive and Wall Paper	Unit 73 – Near Door West Wall Unit 73 – South Wall Near Whiteboard Unit 73 – East Wall	None Detected

Material Description	General Sample Locations	Sample Results
Yellow Carpet Mastic	Unit 73 – Near Door, West Wall Unit 73 – South Wall Near Whiteboard Unit 73 – East Wall	None Detected
Drywall	Unit 73 – West Wall Above Window Unit 73 – South Wall Above Whiteboard Unit 73 – East Wall	None Detected
White Roof Caulk	Unit 73 -East End of Roof Unit 73 – West End of Roof	None Detected
White Framing Caulk	Unit 73 – Window Frame Unit 73 -Expansion Joint Caulk Unit 73 – Door Frame	None Detected
Fabric Wall Cover Adhesive and Yellow Cove Mastic	Unit 74 – Doorway / Entry Unit 74 – Southeast Unit 74 – Northeast	None Detected
Drywall	Unit 74 – Entry Doorway Above Ceiling Unit 74 – Southeast Unit 74 – Northeast	None Detected
Yellow Carpet Adhesive	Unit 74 – At Entry Doorway Unit 74 – Southeast Unit 74 – Northeast	None Detected
White Caulk	Unit 74 – Northwest Exterior Frame Unit 74 – West Window Frame Unit 74 – West Door Frame	None Detected
Gray Caulk	Unit 74 – Roof Edge – East Unit 74 – Roof Edge – West	None Detected
Drywall	Unit 75 – West Wall – Near Door Unit 75 – North Wall – Above Ceiling Unit 75 – South Wall – Above Ceiling	None Detected
4” Brown Cove with Beige Adhesive and Wall Paper	Unit 75 – West Wall – Near Door Unit 75 – North Wall Unit 75 – South Wall	None Detected
Yellow Carpet Glue	Unit 75 – West Wall – Near Door Unit 75 – North Wall Unit 75 – South Wall	None Detected
White Exterior Caulk	Unit 75 – Window Frame Unit 75 – Door Frame Unit 75 – Trim, Frame of Portable	None Detected
White Roof Sealant	Unit 75 - East End of Roof Unit 75 – West End of Roof	None Detected

Material Description	General Sample Locations	Sample Results
Fabric Wall Cover with Adhesive	Unit 76 – At Doorway/Entrance Unit 76 – Southwest Corner Unit 76 – Southeast Corner	None Detected
Drywall	Unit 76 – At Entrance / Doorway Unit 76 – Southwest Corner Unit 76 – Southeast Corner	None Detected
Yellow Carpet Adhesive	Unit 76 – At Entrance / Doorway Unit 76 – Southwest Corner Unit 76 – Southeast Corner	None Detected
White Caulk	Unit 76 – Southwest Trim Unit 76 – West Window Unit 76 – West Door	None Detected
Gray Caulk	Unit 76 – Roof Edge – West Unit 76 – Roof Edge – East	None Detected
Drywall	Unit 77 – West Wall – Above Ceiling Unit 77 – North Wall – Above Ceiling Unit 77 – South Wall – Above Ceiling	None Detected
4” Brown Cove with Adhesive and Wall Paper	Unit 77 – West Wall – Near Door Unit 77 – North Wall Unit 77 – South Wall	None Detected
Yellow Carpet Mastic	Unit 77 – West Wall – Near Door Unit 77 – North Wall Unit 77 – South Wall	None Detected
White Roof Sealant	Unit 77 – East End of Roof Unit 77 – West End of Roof	None Detected
White Exterior Caulk	Unit 77 – Window Frame Unit 77 – Door Frame Unit 77 – Trim of Portable	None Detected
Fabric Wall Cover with Adhesive and White Cove Mastic	Unit 78 – At Entrance / Doorway Unit 78 – North Center Unit 78 – South Center	None Detected
Drywall	Unit 78 – At Entrance – Above Ceiling Unit 78 – North Center Unit 78 – South Center	None Detected
Yellow Carpet Adhesive	Unit 78 – At Entrance / Doorway Unit 78 – North Center Unit 78 – South Center	None Detected
Black Caulk	Unit 78 – Southwest Exterior Trim Unit 78 – Door Frame Unit 78 – Southeast Exterior Trim	None Detected

Material Description	General Sample Locations	Sample Results
White Caulk	Unit 78 – Southwest Exterior Trim Unit 78 – South Window Frame Unit 78 – South Door Frame	None Detected
Acoustical Ceiling Tile – 2’x4’ – Lay-in – Fissures	Unit 78 – North Side Unit 78 – South Side	None Detected
Felt and Tar Roof – Multilayer	Unit 78 – Southeast – Roof Field Unit 78 – Center – Roof Field Unit 78 – Northwest – Roof Field	None Detected
Drywall	Unit 79 – South Wall – Rear Door Unit 79 – West Wall Unit 79 – North Wall	None Detected
4” Brown Cove with Adhesive and Wall Paper	Unit 79 – South Wall – Near Door Unit 79 – West Wall Unit 79 – North Wall	None Detected
Yellow Carpet Glue	Unit 79 – South Wall – Near Door Unit 79 – West Wall Unit 79 – North Wall	None Detected
White Exterior Sealant	Unit 79 – Window Frame Unit 79 – Door Frame Unit 79 – Trim	None Detected
White Roof Caulk	Unit 79 – West End of Roof Unit 79 – East End of Roof	None Detected
Blue Paint over Red Paint	Unit 79 – Exterior Ramp	None Detected

Any additional materials found during construction activities and not identified in this survey report should be assumed to be ACM.

4. Lead Sample Results

Twenty-seven (27) paint samples were submitted for lead analysis. All paint and suspect materials samples were analyzed for lead content using the Flame Atomic Absorption spectroscopy in accordance to EPA Method SW846-3050B-7420. When “<” appears in the lead sample report, it should be interpreted as meaning below analytical detection limit.

The samples did not contain lead in detectable concentrations. The sample results are listed in Table III below.

**TABLE III
 LEAD IN PAINTS**

Sample Number	Description/Location of Sample	Results mg/kg (ppm)
70-Pb-1	Red Paint on Metal / Unit 70 Classroom Frame	<39 ppm
70-Pb-2	Tan Paint on Wood / Unit 70 Exterior	<39 ppm
70-Pb-3	Gray Paint on Metal/Wood / Unit 70 Trim and Overhang	<39 ppm
71-Pb-1	Red Paint on Metal / Unit 71 South Wall Above Ceiling	<39 ppm
71-Pb-2	Tan Paint on Wood / Unit 71 Exterior Wall	<40 ppm
71-Pb-3	Blue and Red Paint on Metal / Unit 71 Trim at Door	<39 ppm
72-Pb-1	Red Paint on Metal / Unit 72 Classroom Frame	<40 ppm
72-Pb-2	Tan Paint on Wood / Unit 72 Exterior Wall	<39 ppm
72-Pb-3	Gray Paint on Wood/Metal / Unit 72 Trim and Overhang	<39 ppm
73-Pb-1	Red Paint on Metal / Unit 73 West Wall Above Ceiling	<39 ppm
73-Pb-2	Tan Paint on Wood / Unit 73 Exterior Under Window	<40 ppm
73-Pb-3	Blue Paint on Metal / Unit 73 Trim	<39 ppm
74-Pb-1	Tan Paint on Wood / Unit 74 Exterior Wall	<40 ppm
74-Pb-2	Gray Paint on Wood/Metal / Unit 74 Exterior Trim	<39 ppm
75-Pb-1	Tan Paint on Wood / Unit 75 Wall	<40 ppm
75-Pb-2	Blue Paint on Metal / Unit 75 Door Frame	<39 ppm
76-Pb-1	Tan Paint on Wood / Unit 76 Exterior Wall	<40 ppm
76-Pb-2	Gray Paint on Wood/Metal / Unit 76 Trim	<39 ppm

Sample Number	Description/Location of Sample	Results mg/kg (ppm)
77-Pb-1	Tan Paint on Wood / Unit 77 Exterior Wall	<40 ppm
77-Pb-2	Blue Paint on Metal / Unit 77 Door Frame	<39 ppm
78-Pb-1	Red Paint on Metal / Unit 78 Building Frame	<39 ppm
78-Pb-2	Tan Paint on Wood / Unit 78 Exterior Wall	<39 ppm
78-Pb-3	Gray Paint on Wood/Metal / Unit 78 Exterior Trim	<40 ppm
79-Pb-1	Tan Paint on Wood / Unit 79 Wall	<40 ppm
79-Pb-2	Blue Paint on Metal / Unit 79	<40 ppm
79-Pb-3	Red Paint on Metal / Unit 79 Wall	<40 ppm
79-Pb-4	Blue and Red Tread Paints on Metal / Unit 79 Ramp	<39 ppm

mg/kg – milligrams per kilogram, ppm – parts per million

5. Limitations

Our services consist of professional opinions, conclusions and recommendations that are made in accordance with generally accepted consulting standards, principles and practices. Reasonable attempts have been made to ensure that the report is complete and accurate with respect to Terracon's authorized scope of work. Terracon assumes no liability for damages, which might result from errors contained in the report or conditions, which the report fails to disclose. The quantity of samples, sample locations, and analyses performed were selected to provide analytical data to document and evaluate current site conditions.

The information provided in this report is not intended to be used as a biddable document for abatement purposes.

Appendix 1:
Laboratory Results and Chain of Custody - Asbestos



Report for:

Eric Dyer, Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School, Unit 76, 280 Woodland, San Rafael
EML ID: 2391980

Approved by:

Dates of Analysis:
Asbestos PLM: 04-17-2020



Approved Signatory
Renee Luna-Trepczynski

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 500031-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle School, Unit 76,
280 Woodland, San RafaelDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-18-2020**ASBESTOS PLM REPORT****Total Samples Submitted:** 15**Total Samples Analyzed:** 15**Total Samples with Layer Asbestos Content > 1%:** 0**Location: 76-1-A, Fabric wall cover with adhesive; at doorway/entrance**

Lab ID-Version‡: 11408995-1

Sample Layers	Asbestos Content
White Mastic	ND
Brown Non-Fibrous Material	ND
White Mastic	ND
White Semi-Fibrous Material	ND
White Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose 3% Cotton 2% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 76-1-B, Fabric wall cover with adhesive; SW corner

Lab ID-Version‡: 11408996-1

Sample Layers	Asbestos Content
White Mastic	ND
Brown Non-Fibrous Material	ND
White Mastic	ND
White Semi-Fibrous Material	ND
White Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose 3% Cotton 2% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School, Unit 76,
 280 Woodland, San Rafael

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-18-2020

ASBESTOS PLM REPORT

Location: 76-1-C, Fabric wall cover with adhesive; SE corner

Lab ID-Version‡: 11408997-1

Sample Layers	Asbestos Content
White Mastic	ND
White Semi-Fibrous Material	ND
White Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose 3% Cotton 2% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 76-2-A, Drywall; at entrance/doorway

Lab ID-Version‡: 11408998-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School, Unit 76,
 280 Woodland, San Rafael

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-18-2020

ASBESTOS PLM REPORT**Location: 76-2-B, Drywall; SW corner**

Lab ID-Version‡: 11408999-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 76-2-C, Drywall; SE corner

Lab ID-Version‡: 11409000-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 76-3-A, Yellow carpet adhesive; at entrance/doorway

Lab ID-Version‡: 11409001-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 76-3-B, Yellow carpet adhesive; SW corner

Lab ID-Version‡: 11409002-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School, Unit 76,
 280 Woodland, San Rafael

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-18-2020

ASBESTOS PLM REPORT**Location: 76-3-C, Yellow carpet adhesive; SE corner**

Lab ID-Version‡: 11409003-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 76-4-A, Caulk, white; SW trim

Lab ID-Version‡: 11409004-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 76-4-B, Caulk, white; West window

Lab ID-Version‡: 11409005-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 76-4-C, Caulk, white; West door

Lab ID-Version‡: 11409006-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle School, Unit 76,
280 Woodland, San Rafael

Date of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-18-2020

ASBESTOS PLM REPORT

Location: 76-5-A, Caulk, gray; roof edge, West

Lab ID-Version‡: 11409007-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 76-5-B, Caulk, gray; roof edge, East

Lab ID-Version‡: 11409008-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

Location: 76-5-C, Caulk, gray; roof edge, East

Lab ID-Version‡: 11409009-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Good	

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002391980

Terracon

E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM)

 PM - S. Steiner
spsteiner@terracon.com PM - K. Schroeter
kmschroeter@terracon.com PM - K. Pilgrim
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David.block@terracon.com denise.wall@terracon.com
Engineering Assistant eric.dyer@terracon.com
Engineering Assistant

ACM BULK SAMPLE DATA SHEET

- PLM Analysis (Analyze all samples)
 Stop Analysis at First Positive
 Point Count Analysis (400-point)

Project Name/ Address/ Building No. Davidson Middle School - Unit 76 - 280 Woodland - San RafaelProject# 2120740 Sampled By: N. Ascott Sampling Date: 4/15/20Sample(s) sent to: MAL ASB TEM EMLAB Other _____TAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Sample Location & Material Location	Quantity:
1	Fabric wall cover/adhesive		
76-1-A	At doorway/entrance		
76-1-B	SW corner		
76-1-C	SE corner		
2	Impress		
76-2-A	at entrance/doorway		
76-2-B	SW corner		
76-2-C	SE corner		
	yellow carpet adhesive		
76-3-A	at entrance/doorway		
76-3-B	SW corner		
76-3-C	SE corner		
	Caulk - white		
76-4-A	SW Trim		
76-4-B	West window		
76-4-C	West door		
	Caulk - Gray		
76-5-A	Roof edge - west		
76-5-B	" " - east		
76-5-C	" " - east		

Relinquished By: N. Ascott Signature: [Signature] Date/Time: 4/15/20
 Received By: _____ Signature: _____ Date/Time: _____
 Relinquished By: FedEx 950 Signature: [Signature] Date/Time: 4-16-2020
 Received By: _____ Signature: _____ Date/Time: _____



Report for:

Eric Dyer, Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School-Unit 78-280 Woodland-San Rafael
EML ID: 2391990

Approved by:

Dates of Analysis:

Asbestos PLM: 04-17-2020 and 04-20-2020



Approved Signatory
Renee Luna-Trepczynski

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 500031-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 78-280
 Woodland-San Rafael

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Total Samples Submitted: 20

Total Samples Analyzed: 20

Total Samples with Layer Asbestos Content > 1%: 0

**Location: 78-1-A, Fabric Wall General Adhesive-White Cove Mastic;at Entrance/
 Doorway**

Lab ID-Version‡: 11409415-1

Sample Layers	Asbestos Content
White Mastic	ND
Brown/White Wallpaper	ND
Transparent Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose 2% Cotton 2% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 78-1-B, Fabric Wall General Adhesive-White Cove Mastic;No Center

Lab ID-Version‡: 11409416-1

Sample Layers	Asbestos Content
White Mastic	ND
Brown/White Wallpaper	ND
Transparent Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose 2% Cotton 2% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 78-1-C, Fabric Wall General Adhesive-White Cove Mastic;So Center

Lab ID-Version‡: 11409417-1

Sample Layers	Asbestos Content
White Mastic	ND
Brown/White Wallpaper	ND
Transparent Mastic	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	10% Cellulose 2% Cotton 2% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle School-Unit 78-280
Woodland-San Rafael

1501 West Knudsen Drive, Phoenix, AZ 85027
(800) 651-4802 Fax (623) 780-7695 www.emlab.com
Date of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 78-2-A, Drywall;at Entrance-Above Ceiling

Lab ID-Version‡: 11409418-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 78-280
 Woodland-San Rafael

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT**Location: 78-2-B, Drywall;No Center**

Lab ID-Version‡: 11409419-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78-2-C, Drywall;So Center

Lab ID-Version‡: 11409420-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 78-3-A, Yellow Carpet Adhesive;at Entrance/Doorway

Lab ID-Version‡: 11409421-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 78-3-B, Yellow Carpet Adhesive;No Center

Lab ID-Version‡: 11409422-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 78-280
 Woodland-San Rafael

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT**Location: 78-3-C, Yellow Carpet Adhesive;So Center**

Lab ID-Version‡: 11409423-1

Sample Layers	Asbestos Content
Tan Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 78-4-A, Caulk-Black;SW Exterior Trim

Lab ID-Version‡: 11409424-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Good

Location: 78-4-B, Caulk-Black;Door Frame

Lab ID-Version‡: 11409425-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Good

Location: 78-4-C, Caulk-Black;SE Exterior Trim

Lab ID-Version‡: 11409426-1

Sample Layers	Asbestos Content
Black Caulk	ND
Sample Composite Homogeneity:	Good

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 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 78-280
 Woodland-San Rafael

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 78-5-A, Caulk White;SW Exterior Trim

Lab ID-Version‡: 11409427-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 78-5-B, Caulk White;So Window Frame

Lab ID-Version‡: 11409428-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 78-5-C, Caulk White;So Door Frame

Lab ID-Version‡: 11409429-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 78-6-A, Accoustical Ceiling Tile-2'x4'-Layin Fissures;No Side

Lab ID-Version‡: 11409430-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	60% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Good

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 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 78-280
 Woodland-San Rafael

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 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 78-6-B, Accoustical Ceiling Tile-2'x4'-Layin Fissures;So Side

Lab ID-Version‡: 11409431-1

Sample Layers	Asbestos Content
Gray Ceiling Tile with White Surface	ND
Composite Non-Asbestos Content:	60% Cellulose 5% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 78-7-A, Felt & Tar Roofing-Multilayer;SE- Roof Field

Lab ID-Version‡: 11409432-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt with White Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	8% Glass Fibers < 1% Cellulose
Sample Composite Homogeneity:	Poor

Location: 78-7-B, Felt & Tar Roofing-Multilayer;Center- Roof Field

Lab ID-Version‡: 11409433-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt with White Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	8% Glass Fibers < 1% Cellulose
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 78-280
 Woodland-San Rafael

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 78-7-C, Felt & Tar Roofing-Multilayer;NW- Roof Field

Lab ID-Version‡: 11409434-1

Sample Layers	Asbestos Content
Black Roofing Tar and Felt with White Pebbles	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Black Roofing Tar and Felt	ND
Composite Non-Asbestos Content:	8% Glass Fibers < 1% Cellulose
Sample Composite Homogeneity:	Poor

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002391990

Terracon*****E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM)***** PM - S. Steiner
sosteiner@terracon.com PM - K. Schroeter
kmschroeter@terracon.com PM - K. Pilgrim
kmpilgrim@terracon.com PM - M. Benefield
msbenefield@terracon.com PM - T. Kattchee
takattchee@terracon.com PM - W. Frieszell
wmfrieszell@terracon.com PM - D. Block
David_block@terracon.com denise.wall@terracon.com
Engineering Assistant eric.dyer@terracon.com
Engineering Assistant**ACM BULK SAMPLE DATA SHEET**

-
- PLM Analysis (Analyze all samples)
-
-
- Stop Analysis at First Positive
-
-
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. Davidson Middle School - Unit 78 - 280 Woodland San RafaelProject# R1207405 Sampled By: N. Ansott Sampling Date: 4/15/20Sample(s) sent to: MAL ASB TEM EMLAB Other _____TAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Quantity:
	<i>Fabric wall cover/adhesive - 7 white core mastic</i>	
Sample ID	Sample Location & Material Location	Quantity:
78-1-A	At entrance / doorway	
78-1-B	No. center	
78-1-C	So center	
	<i>Grout</i>	
Sample ID	Sample Location & Material Location	Quantity:
78-2-A	At entrance - above ceiling	
78-2-B	No. Center	
78-2-C	So center	
	<i>Yellow carpet adhesive</i>	
Sample ID	Sample Location & Material Location	Quantity:
78-3-A	At entrance / doorway	
78-3-B	No. center	
78-3-C	So - center	
	<i>caulks - black</i>	
Sample ID	Sample Location & Material Location	Quantity:
78-4-A	SW exterior trim	
78-4-B	Door frame	
78-4-C	SE exterior trim	
	<i>caulks white</i>	
Sample ID	Sample Location & Material Location	Quantity:
78-5-A	SW exterior trim	
78-5-B	So. window frame	
78-5-C	So. door frame	

Relinquished By: N. AnsottSignature: [Signature]Date/Time: 4/15/20

Received By: _____

Signature: _____

Date/Time: _____

Relinquished By: [Signature]Signature: [Signature]Date/Time: 4-16-2020

Received By: _____

Signature: _____

Date/Time: _____



002391990

Terracon

E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM)

 PM - S. Steiner
ssteiner@terracon.com PM - K. Schroeter
kmschroeter@terracon.com PM - K. Pilgrim
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David.block@terracon.com denise.wall@terracon.com
Engineering Assistant eric.dyer@terracon.com
Engineering Assistant**ACM BULK SAMPLE DATA SHEET**

-
- PLM Analysis (Analyze all samples)
-
-
- Stop Analysis at First Positive
-
-
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. Davidson Middle School - Unit 78 - 280 Woodland, San RafaelProject# R1207405 Sampled By: N. Anskott Sampling Date: 4/15/20Sample(s) sent to: MAL ASB TEM EMLAB Other _____TAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Quantity:
Sample ID	Sample Location & Material Location	
78-6-A	Layin No side side	
78-6-B	So side	
HM#	Material Description: <u>Felt + fur roofing multilayer.</u>	
Sample ID	Sample Location & Material Location	Quantity:
78-7-A	SE - Roof field	
78-7-B	Center - " "	
78-7-C	NW - " "	
HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:
HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:
HM#	Material Description:	
Sample ID	Sample Location & Material Location	Quantity:

Relinquished By: N. Anskott Signature: [Signature] Date/Time: 4/15/20
 Received By: _____ Signature: _____ Date/Time: _____
 Relinquished By: Ferry 950 Signature: [Signature] Date/Time: 4-16-2020
 Received By: _____ Signature: _____ Date/Time: _____



Report for:

Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School-Unit 74-280 Woodland San Rafael
EML ID: 2391867

Approved by:



Approved Signatory
Danny Li

Dates of Analysis:
Asbestos PLM: 04-16-2020

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200757-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 74-280
 Woodland San Rafael

17461 Derian Ave, Suite 100, Irvine, CA 92614
 (866) 888-6653 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Total Samples Submitted: 15

Total Samples Analyzed: 15

Total Samples with Layer Asbestos Content > 1%: 0

Location: 74-1-A; Fabric Wall Cover/Adhesive and Yellow Cove Mastic; A7

Lab ID-Version‡: 11407590-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Wallpaper	ND
Composite Non-Asbestos Content:	60% Cellulose 5% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 74-1-B; Fabric Wall Cover/Adhesive and Yellow Cove Mastic; SE

Lab ID-Version‡: 11407591-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Wallpaper	ND
Composite Non-Asbestos Content:	60% Cellulose 5% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 74-1-C; Fabric Wall Cover/Adhesive and Yellow Cove Mastic; NE

Lab ID-Version‡: 11407592-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
White Wallpaper	ND
Composite Non-Asbestos Content:	60% Cellulose 5% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 74-2-A; Drywall; A7 Entry Doorway-Above Ceiling

Lab ID-Version‡: 11407593-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

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‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 74-280
 Woodland San Rafael

17461 Derian Ave, Suite 100, Irvine, CA 92614
 (866) 888-6653 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT**Location: 74-2-B; Drywall; SE Entry Doorway-Above Ceiling**

Lab ID-Version‡: 11407594-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 74-2-C; Drywall; NE Entry Doorway-Above Ceiling

Lab ID-Version‡: 11407595-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 74-3-A; Yellow Carpet Adhesive; A7 Entry Doorway

Lab ID-Version‡: 11407596-1

Sample Layers	Asbestos Content
Yellow Adhesive	ND
Sample Composite Homogeneity:	Moderate

Location: 74-3-B; Yellow Carpet Adhesive SE Entry Doorway

Lab ID-Version‡: 11407597-1

Sample Layers	Asbestos Content
Yellow Adhesive	ND
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 74-280
 Woodland San Rafael

17461 Derian Ave, Suite 100, Irvine, CA 92614
 (866) 888-6653 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 74-3-C; Yellow Carpet Adhesive; NE Entry Doorway

Lab ID-Version‡: 11407598-1

Sample Layers	Asbestos Content
Yellow Adhesive	ND
Sample Composite Homogeneity: Moderate	

Location: 74-4-A; Caulk-White; NW Exterior Trim

Lab ID-Version‡: 11407599-1

Sample Layers	Asbestos Content
White Caulk with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: 74-4-B; Caulk-White; West Window Frame

Lab ID-Version‡: 11407600-1

Sample Layers	Asbestos Content
White Caulk with Paint	ND
Sample Composite Homogeneity: Moderate	

Location: 74-4-C; Caulk-White; West Door Frame

Lab ID-Version‡: 11407601-1

Sample Layers	Asbestos Content
White Caulk with Paint	ND
Sample Composite Homogeneity: Moderate	

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C/O: Ms. Karin Schroeter
Re: R1207405; Davidson Middle School-Unit 74-280
Woodland San Rafael

17461 Derian Ave, Suite 100, Irvine, CA 92614
(866) 888-6653 Fax (623) 780-7695 www.emlab.com
Date of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 74-5-A; Caulk-Gray; Roof Edge-East

Lab ID-Version‡: 11407602-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Moderate	

Location: 74-5-B; Caulk-Gray; Roof Edge-West

Lab ID-Version‡: 11407603-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Moderate	

Location: 74-5-C; Caulk-Gray; Roof Edge-West

Lab ID-Version‡: 11407604-1

Sample Layers	Asbestos Content
Gray Caulk	ND
Sample Composite Homogeneity: Moderate	

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002391867

Terracon

E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM)

 PM - S. Steiner
spsteiner@terracon.com PM - K. Schroeter
kmschroeter@terracon.com PM - K. Pilgrim
kmpilgrim@terracon.com PM - M. Benefield
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wmfrieszell@terracon.com PM - D. Block
David.block@terracon.com denise.wallin@terracon.com
Engineering Assistant eric.dyer@terracon.com
Engineering Assistant

ACM BULK SAMPLE DATA SHEET

-
- PLM Analysis (Analyze all samples)
-
-
- Stop Analysis at First Positive
-
-
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. San Dim Middle School - Unit 74 - 280 Woodland St. RafaelProject# R1202405 Sampled By: N. August Sampling Date: 4/14/20Sample(s) sent to: MAL ASB TEM EMLAB OtherTAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Sample Location & Material Location	Quantity:
	<i>Fabric wall cover/adhesive + yellow case mastic</i>		
74-1-A		At doorway entry	
74-1-B		SE	
74-1-C		NE	
	<i>Dynal</i>		
74-2-A		At entry doorway - above ceiling	
74-2-B		SE	
74-2-C		NE	
	<i>Yellow carpet adhesive</i>		
74-3-A		At entry doorway	
74-3-B		SE	
74-3-C		NE	
	<i>caulc - white -</i>		
74-4-A		NW exterior trim	
74-4-B		SWest window frame	
74-4-C		West door frame	
	<i>caulc - gray</i>		
74-5-A		Roof edge - east	
74-5-B		" " - west	
74-5-C		" " - west	

Relinquished By: N. AugustSignature: [Signature]Date/Time: 4/14/20Received By: J. KimmonsSignature: [Signature]Date/Time: 4/16/2020 9:50

Relinquished By: _____

Signature: _____

Date/Time: _____

Received By: _____

Signature: _____

Date/Time: _____



Report for:

Eric Dyer, Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School
EML ID: 2392001

Approved by:

Dates of Analysis:
Asbestos PLM: 04-17-2020 to 04-20-2020



Approved Signatory
Renee Luna-Trepczynski

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 500031-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Total Samples Submitted:** 83**Total Samples Analyzed:** 83**Total Samples with Layer Asbestos Content > 1%:** 0**Location: 71-1A, 4" Black Cove & Adhesive & Wall Paper; Near Door (West Wall)**

Lab ID-Version‡: 11409524-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
White Adhesive	ND
White Wallpaper	ND
Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Poor

Location: 71-1B, 4" Black Cove & Adhesive & Wall Paper; North Wall

Lab ID-Version‡: 11409525-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
White Adhesive	ND
White Wallpaper	ND
Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

Location: 71-1C, 4" Black Cove & Adhesive & Wall Paper; South Wall

Lab ID-Version‡: 11409526-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
White Adhesive	ND
White Wallpaper	ND
Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 71-2A, Sink Under Coating (Black); Portable FI - Sink

Lab ID-Version‡: 11409527-1

Sample Layers	Asbestos Content
Black Sink Undercoating	ND
Sample Composite Homogeneity: Good	

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 71-2B, Sink Under Coating (Black); Portable FI - Sink**

Lab ID-Version‡: 11409528-1

Sample Layers	Asbestos Content
Black Sink Undercoating	ND
Sample Composite Homogeneity:	Good

Location: 71-3A, DW & Panel Adhesive; North Wall; Above Ceiling

Lab ID-Version‡: 11409529-1

Sample Layers	Asbestos Content
Semi-Transparent Adhesive	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 71-3B, DW & Panel Adhesive; East Wall; Above Ceiling

Lab ID-Version‡: 11409530-1

Sample Layers	Asbestos Content
Semi-Transparent Adhesive	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 71-3C, DW & Panel Adhesive; South Wall; Above Ceiling

Lab ID-Version‡: 11409531-1

Sample Layers	Asbestos Content
Semi-Transparent Adhesive	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 71-4A, Carpet Glue; Near Door (East Wall)**

Lab ID-Version‡: 11409532-1

Sample Layers	Asbestos Content
Yellow Carpet Glue	ND
Sample Composite Homogeneity: Good	

Location: 71-4B, Carpet Glue; SE Corner

Lab ID-Version‡: 11409533-1

Sample Layers	Asbestos Content
Yellow Carpet Glue	ND
Sample Composite Homogeneity: Good	

Location: 71-4C, Carpet Glue; Under White Board (South Wall)

Lab ID-Version‡: 11409534-1

Sample Layers	Asbestos Content
Yellow Carpet Glue	ND
Sample Composite Homogeneity: Good	

Location: 71-5A, Frame Caulk; Door Frame; Exterior

Lab ID-Version‡: 11409535-1

Sample Layers	Asbestos Content
White Caulk with Orange Paint	ND
Sample Composite Homogeneity: Good	

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 71-5B, Frame Caulk; Window Frame; Exterior

Lab ID-Version‡: 11409536-1

Sample Layers	Asbestos Content
White Caulk with Orange Paint	ND
Sample Composite Homogeneity:	Good

Location: 71-5C, Frame Caulk; Trim Caulk; Exterior

Lab ID-Version‡: 11409537-1

Sample Layers	Asbestos Content
White Caulk with Orange Paint	ND
Sample Composite Homogeneity:	Good

Location: 71-6A, Black Penetration Mastic; Penetration

Lab ID-Version‡: 11409538-1

Sample Layers	Asbestos Content
Black Mastic	< 1% Chrysotile
Composite Non-Asbestos Content:	10% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 71-6B, Black Penetration Mastic; Penetration

Lab ID-Version‡: 11409539-1

Sample Layers	Asbestos Content
Black Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 71-6C, Black Penetration Mastic; Black Patch Towards East Side**

Lab ID-Version‡: 11409540-1

Sample Layers	Asbestos Content
Black Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose
Sample Composite Homogeneity:	Good

Location: 71-7A, White Roof Foam Caulk; Middle of Roof, nails

Lab ID-Version‡: 11409541-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 71-7B, White Roof Foam Caulk; End Of Roof (East end)

Lab ID-Version‡: 11409542-1

Sample Layers	Asbestos Content
White Caulk with Multilayered Paint	ND
Sample Composite Homogeneity:	Good

Location: 71-7C, White Roof Foam Caulk; Middle Of Roof

Lab ID-Version‡: 11409543-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 73-1A, 4" Brown Cove W/ Beige Adhesive & Wall Paper; Near Door west Wall

Lab ID-Version‡: 11409544-1

Sample Layers	Asbestos Content
White Wallpaper	ND
Transparent Glue	ND
Brown Fiberboard	ND
White Mastic	ND
Brown Baseboard	ND
Composite Non-Asbestos Content:	40% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 73-1B, 4" Brown Cove W/ Beige Adhesive & Wall Paper; South Wall Near White Board

Lab ID-Version‡: 11409545-1

Sample Layers	Asbestos Content
White Wallpaper	ND
Transparent Glue	ND
Brown Fiberboard	ND
White Mastic	ND
Brown Baseboard	ND
Composite Non-Asbestos Content:	40% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 73-1C, 4" Brown Cove W/ Beige Adhesive & Wall Paper; East Wall

Lab ID-Version‡: 11409546-1

Sample Layers	Asbestos Content
White Wallpaper	ND
Transparent Glue	ND
Brown Fiberboard	ND
White Mastic	ND
Brown Baseboard	ND
Composite Non-Asbestos Content:	40% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 73-2A, Carpet Mastic (Yellow); Near Door, West Wall

Lab ID-Version‡: 11409547-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 73-2B, Carpet Mastic (Yellow); South Wall Near White Board**

Lab ID-Version‡: 11409548-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 73-2C, Carpet Mastic (Yellow); East Wall

Lab ID-Version‡: 11409549-1

Sample Layers	Asbestos Content
Yellow Mastic with Red Paint	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 73-3A, DW; West Wall Above Window Above Ceiling

Lab ID-Version‡: 11409550-1

Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Transparent Glue	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	25% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 73-3B, DW; South Wall Above White Board; Above Ceiling

Lab ID-Version‡: 11409551-1

Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Transparent Glue	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 73-3C, DW; East Wall**

Lab ID-Version‡: 11409552-1

Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Transparent Glue	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 73-4A, White Roof Caulk; East End Of Roof

Lab ID-Version‡: 11409553-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 73-4B, White Roof Caulk; West End Of Roof

Lab ID-Version‡: 11409554-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 73-4C, White Roof Caulk; West End Of Roof

Lab ID-Version‡: 11409555-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 73-5A, White Framing Caulk; Window Frame**

Lab ID-Version‡: 11409556-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Wood	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 73-5B, White Framing Caulk; Expansion Joint Caulk

Lab ID-Version‡: 11409557-1

Sample Layers	Asbestos Content
White Caulk with Multilayered Paint	ND
Composite Non-Asbestos Content:	< 1% Cellulose
Sample Composite Homogeneity:	Good

Location: 73-5C, White Framing Caulk; Door Frame

Lab ID-Version‡: 11409558-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Wood	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 75-1A, DW; West Wall; Near Door; Above Ceiling

Lab ID-Version‡: 11409559-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 75-1B, DW; North Wall; Above Ceiling**

Lab ID-Version‡: 11409560-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 75-1C, DW; South Wall; Above Ceiling

Lab ID-Version‡: 11409561-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 75-2A, 4" Brown Cove & Beige Adhesive & Wall Paper; West Wall; Near Door

Lab ID-Version‡: 11409562-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 75-2B, 4" Brown Cove & Beige Adhesive & Wall Paper; North Wall

Lab ID-Version‡: 11409563-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 75-2C, 4" Brown Cove & Beige Adhesive & Wall Paper; South wall

Lab ID-Version‡: 11409564-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	5% Cellulose 3% Cotton 3% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 75-3A, Yellow Carpet Glue; West Wall; Near Door

Lab ID-Version‡: 11409565-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 75-3B, Yellow Carpet Glue; North Wall

Lab ID-Version‡: 11409566-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 75-3C, Yellow Carpet Glue; South Wall

Lab ID-Version‡: 11409567-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 75-4A, White Exterior Caulk; Window Fixture**

Lab ID-Version‡: 11409568-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 75-4B, White Exterior Caulk; Door Frame

Lab ID-Version‡: 11409569-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 75-4C, White Exterior Caulk; Trim; Frame Of Portable

Lab ID-Version‡: 11409570-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 75-5A, White Roof Sealant; East End Of Roof

Lab ID-Version‡: 11409571-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity:	Good

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‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 75-5B, White Roof Sealant; West End Of Roof

Lab ID-Version‡: 11409572-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity: Good	

Location: 75-5C, White Roof Sealant; West End Of Roof

Lab ID-Version‡: 11409573-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity: Good	

Location: 77-1A, DW; West Wall; Above Ceiling

Lab ID-Version‡: 11409574-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity: Good	

Location: 77-1B, DW; North Wall

Lab ID-Version‡: 11409575-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity: Good	

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 77-1C, DW; South Wall

Lab ID-Version‡: 11409576-1

Sample Layers	Asbestos Content
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Good

Location: 77-2A, 4" Brown Cove W/Adhesive & Wall Paper; West Wall; Near Door

Lab ID-Version‡: 11409577-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 77-2B, 4" Brown Cove W/Adhesive & Wall Paper; North Wall

Lab ID-Version‡: 11409578-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 77-2C, 4" Brown Cove W/Adhesive & Wall Paper; South Wall

Lab ID-Version‡: 11409579-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
Yellow Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 77-3A, Yellow Carpet Mastic; West Wall; Near Door**

Lab ID-Version‡: 11409580-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 77-3B, Yellow Carpet Mastic; North Wall

Lab ID-Version‡: 11409581-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 77-3C, Yellow Carpet Mastic; South Wall

Lab ID-Version‡: 11409582-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 77-4A, White Roof Sealant; East End Of Roof

Lab ID-Version‡: 11409583-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 77-4B, White Roof Sealant; West End Of Roof**

Lab ID-Version‡: 11409584-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity: Good	

Location: 77-4C, White Roof Sealant; West End Of Roof

Lab ID-Version‡: 11409585-1

Sample Layers	Asbestos Content
Gray Sealant	ND
Sample Composite Homogeneity: Good	

Location: 77-5A, White Exterior Caulk; Window Frame

Lab ID-Version‡: 11409586-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Wood	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity: Moderate	

Location: 77-5B, White Exterior Caulk; Door Frame

Lab ID-Version‡: 11409587-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Wood	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity: Moderate	

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 77-5C, White Exterior Caulk; Trim Of Portable

Lab ID-Version‡: 11409588-1

Sample Layers	Asbestos Content
White Caulk with Tan Paint	ND
Brown Wood	ND
Composite Non-Asbestos Content:	3% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 79-1A, DW; South Wall; Near Door; above Ceiling

Lab ID-Version‡: 11409589-1

Sample Layers	Asbestos Content
Transparent Glue	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 79-1B, DW; West Wall

Lab ID-Version‡: 11409590-1

Sample Layers	Asbestos Content
Brown Fibrous Material	ND
Transparent Glue	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	15% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

Location: 79-1C, DW; North Wall

Lab ID-Version‡: 11409591-1

Sample Layers	Asbestos Content
Transparent Glue	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	10% Cellulose < 1% Glass Fibers
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 79-2A, 4" Brown Cove, Adhesive & Wall Paper; South Wall; Near Door**

Lab ID-Version‡: 11409592-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
White Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 79-2B, 4" Brown Cove, Adhesive & Wall Paper; West Wall

Lab ID-Version‡: 11409593-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
White Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

Location: 79-2C, 4" Brown Cove, Adhesive & Wall Paper; North Wall

Lab ID-Version‡: 11409594-1

Sample Layers	Asbestos Content
Brown Baseboard	ND
White Mastic	ND
White Wallpaper	ND
Transparent Glue	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	25% Cellulose < 1% Cotton < 1% Synthetic Fibers
Sample Composite Homogeneity:	Poor

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 79-3A, Yellow Carpet Glue; South Wall; Near Door

Lab ID-Version‡: 11409595-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 79-3B, Yellow Carpet Glue; West Wall**

Lab ID-Version‡: 11409596-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 79-3C, Yellow Carpet Glue; North Wall

Lab ID-Version‡: 11409597-1

Sample Layers	Asbestos Content
Yellow Mastic	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 79-4A, White Exterior Sealant; Window Frame

Lab ID-Version‡: 11409598-1

Sample Layers	Asbestos Content
White Sealant with Tan Paint	ND
Gray Sealant with Tan Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 79-4B, White Exterior Sealant; Door Frame

Lab ID-Version‡: 11409599-1

Sample Layers	Asbestos Content
White Sealant with Tan Paint	ND
Gray Sealant with Tan Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

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Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle SchoolDate of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020**ASBESTOS PLM REPORT****Location: 79-4C, White Exterior Sealant; Trim - Portable**

Lab ID-Version‡: 11409600-1

Sample Layers	Asbestos Content
White Sealant with Tan Paint	ND
Gray Sealant with Tan Paint	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	2% Cellulose
Sample Composite Homogeneity:	Moderate

Location: 79-5A, White Roof Caulk; West End Of roof

Lab ID-Version‡: 11409601-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

Location: 79-5B, White Roof Caulk; East End Of Roof

Lab ID-Version‡: 11409602-1

Sample Layers	Asbestos Content
White Caulk with Gray Paint	ND
Sample Composite Homogeneity:	Good

Location: 79-5C, White Roof Caulk; East End Of Roof

Lab ID-Version‡: 11409603-1

Sample Layers	Asbestos Content
White Caulk	ND
Sample Composite Homogeneity:	Good

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Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 79-6A, Blue Tined Paint Over Red Paint; Exterior Ramp

Lab ID-Version‡: 11409604-1

Sample Layers	Asbestos Content
Red Paint	ND
Blue Paint	ND
Sample Composite Homogeneity: Moderate	

Location: 79-6B, Blue Tined Paint Over Red Paint; Exterior Ramp

Lab ID-Version‡: 11409605-1

Sample Layers	Asbestos Content
Red Paint	ND
Blue Paint	ND
Sample Composite Homogeneity: Moderate	

Location: 79-6C, Blue Tined Paint Over Red Paint; Exterior Ramp

Lab ID-Version‡: 11409606-1

Sample Layers	Asbestos Content
Red Paint	ND
Blue Paint	ND
Sample Composite Homogeneity: Moderate	

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002392001

TO: SEE BELOW PROJECT MANAGER (PM)***

ACM BULK SAMPLE DATA SHEET

PM - M. Benefield
msbenefield@terracon.com

PM - K. Schroeter
kmschroeter@terracon.com

PM - K. Pilgrim
kmpilgrim@terracon.com

PM - T. Kattchee
takattchee@terracon.com

PM - W. Frieszell
wmfrieszell@terracon.com

PM - D. Block
David.block@terracon.com

denise.wallens@terracon.com
Engineering Assistant

eric.dyer@terracon.com
Engineering Assistant

- PLM Analysis (Analyze all samples)
 Stop Analysis at First Positive
 Point Count Analysis (400-point)

Project Name/ Address/ Building No. Paradise Middle School - San Rafael - ~~1234567~~

Project# R1207405 Sampled By: Isis Raele Sampling Date: 4/15/20

Sample(s) sent to: MAL ASB TEM EMLAB Other

TAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Sample Location & Material Location	Quantity:
71-1	4" Branch Cove + adhesive to wall paper		
71-1A	near door (west wall)		Portable 71
71-1B	near door north wall		↓
71-1C	near door south wall		↓
71-2	Sink undercoating (black)		(new)
71-2A	Portable 71 - Sink		Portable 71
71-2B	" "		↓
71-3	DW to Panel adhesive		
71-3A	north wall - above ceiling		Portable 71
71-3B	East wall -		↓
71-3C	South wall -		↓
71-4	Carpet glue		
71-4A	near door (East wall)		Portable 71
71-4B	SE corner		↓
71-4C	under white board (south wall)		↓
71-5	Frame caulk		
71-5A	Door frame - exterior		Portable 71
71-5B	window frame -		↓
71-5C	Trim caulk -		↓

Relinquished By: N. Ancoff Signature: NA Date/Time: 4/15/20
 Received By: _____ Signature: _____ Date/Time: _____
 Relinquished By: FEDY 950 Signature: [Signature] Date/Time: 4/16/2020
 Received By: _____ Signature: _____ Date/Time: _____



002392001

Terracon

E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM)

 PM - S. Steiner
ssteiner@terracon.com PM - K. Schroeter
kmschroeter@terracon.com PM - K. Pilgrim
kmpilgrim@terracon.com PM - M. Benefield
msbenefield@terracon.com PM - T. Kattchee
takattchee@terracon.com PM - W. Frieszell
wmfrieszell@terracon.com PM - D. Block
David.block@terracon.com denise.wall@terracon.com
Engineering Assistant eric.dyer@terracon.com
Engineering Assistant

ACM BULK SAMPLE DATA SHEET

-
- PLM Analysis (Analyze all samples)
-
-
- Stop Analysis at First Positive
-
-
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. Daudson Middle SchoolProject# 11207405 Sampled By: Isis Raele Sampling Date: 4/15/20Sample(s) sent to: MAL ASB TEM EMLAB OtherTAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Sample ID	Sample Location & Material Location	Quantity:
73-4	white roof caulk			
		73-4A	East end of roof	
		4B	West end of roof	
		4C		
73-5	white framing caulk			(new)
		73-5A	Window frame	
		5B	Expansion joint caulk	
		5C	Door frame	
75-1	DW			
		75-1A	West wall - near door - Above ceiling	
		1B	North wall - above ceiling	
		1C	South wall - above ceiling	
75-2	4" Brown Cove + beige adhesive & wall paper			
		75-2A	West wall - near door	
		2B	North wall	
		2C	South wall	
75-3	Yellow carpet glue			
		75-3A	West wall near door	
		3B	North wall	
		3C	South wall	

Relinquished By: N. AkoffSignature: NADate/Time: 4/15/20

Received By: _____

Signature: _____

Date/Time: _____

Relinquished By: FEA 980Signature: StumpDate/Time: 4-16-2020

Received By: _____

Signature: _____

Date/Time: _____



002392001

Terracon

SEE BELOW PROJECT MANAGER (PM)***

ACM BULK SAMPLE DATA SHEET

 PM - M. Benefield
msbenefield@terracon.com PM - K. Schroeter
kmschroeter@terracon.com PM - K. Pilgrim
kmpilgrim@terracon.com PM - T. Kattchee
takattchee@terracon.com PM - W. Frieszell
wmfrieszell@terracon.com PM - D. Block
David.block@terracon.com denise.wall@terracon.com
Engineering Assistant eric.dyer@terracon.com
Engineering Assistant

-
- PLM Analysis (Analyze all samples)
-
-
- Stop Analysis at First Positive
-
-
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. Davidson middle schoolProject# 11207405 Sampled By: Isis Raele Sampling Date: 4/15/20Sample(s) sent to: MAL ASB TEM EMLAB OtherTAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Sample ID	Sample Location & Material Location	Quantity:
75-4	White Exterior Caulk			
75-4A	Window frame			
4B	door frame			
4C	Trim - frame of portable			
75-5	White roof sealant			(new)
75-5A	East end of roof			
↓ 5B	West end of roof			
↓ 5C				
77-1	DW			
77-1A	West wall - above ceiling			
↓ 1B	North wall -			
↓ 1C	South wall -			
77-2	4" Brown cement w/ adhesive & wall paper			
77-2A	West wall - near door			
↓ 2B	North wall			
↓ 2C	South wall			
77-3	Yellow carpet mastic			
77-3A	West wall - near door			
3B	North wall			
3C	South wall			

Relinquished By: JA Abbott Signature: JA Date/Time: 4/15/20
 Received By: _____ Signature: _____ Date/Time: _____
 Relinquished By: Felix 950 Signature: [Signature] Date/Time: 4-16-2020
 Received By: _____ Signature: _____ Date/Time: _____



002392001

TO: SEE BELOW PROJECT MANAGER (PM)***

ACM BULK SAMPLE DATA SHEET

PM - S. Steiner
spsteiner@terracon.com

PM - K. Schroeter
kmschroeter@terracon.com

PM - K. Pilgrim
kmpilgrim@terracon.com

PM - M. Benefield
msbenefield@terracon.com

PM - T. Kattchee
takattchee@terracon.com

PM - W. Frieszell
wmfrieszell@terracon.com

PM - D. Block
David.block@terracon.com

denise.wallens@terracon.com
Engineering Assistant

eric.dyer@terracon.com
Engineering Assistant

- PLM Analysis (Analyze all samples)
- Stop Analysis at First Positive
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. Davidson Mid. School

Project# B1707405 Sampled By: Isis Raele Sampling Date: 4/15/20

Sample(s) sent to: MAL ASB TEM EMLAB Other

TAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Sample ID	Sample Location & Material Location	Quantity:
77-4	White roof sealant	77-4A	East end of roof	
		↓ 4B	West end of roof	
		↓ 4C	↓	
77-5	White exterior caulk	77-5A	Window frame	(new)
		↓ 5B	Door frame	
		↓ 5C	Trim of portable	
79-1	DW	79-1A	South wall - near door - above ceiling	
		↓ 1B	West wall	
		↓ 1C	North wall	
79-2	4" brown core, adhesive & wall paper	79-2A	South wall - near door	
		↓ 2B	West wall	
		↓ 2C	North wall	
79-3	Yellow carpet glue	79-3A	South wall - near door	
		↓ 3B	West wall	
		↓ 3C	North wall	

Relinquished By: N Ansott Signature: NA Date/Time: 4/15/20

Received By: _____ Signature: _____ Date/Time: _____

Relinquished By: FEDY 950 Signature: [Signature] Date/Time: 4/14-2020

Received By: _____ Signature: _____ Date/Time: _____



002392001

Terracon

E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM)

ACM BULK SAMPLE DATA SHEET

 PM - S. Steiner
ssteiner@terracon.com PM - K. Schroeter
kmschroeter@terracon.com PM - K. Pilgrim
kmpilgrim@terracon.com PM - M. Benefield
mshcnfield@terracon.com PM - T. Kattchee
takattchee@terracon.com PM - W. Frieszell
wmfrieszell@terracon.com PM - D. Block
David.block@terracon.com denise.wallens@terracon.com
Engineering Assistant eric.dyer@terracon.com
Engineering Assistant

-
- PLM Analysis (Analyze all samples)
-
-
- Stop Analysis at First Positive
-
-
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. Davdson Med. SchoolProject# R1207405 Sampled By: Isis RaeleSampling Date: 4/15/20Sample(s) sent to: MAL ASB TEM EMLAB OtherTAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Quantity:
79-4	white exterior sealant	
Sample ID	Sample Location & Material Location	
79-4A	Window frame	
4B	Door frame	
4C	Trim - Portable	
HM# 79-5	Material Description: white roof caulk	Quantity: (new)
Sample ID	Sample Location & Material Location	
79-5A	West end of roof	
5B	East end of roof	
5C		
HM# 79-6	Material Description: Blue tied paint over red paint	Quantity:
Sample ID	Sample Location & Material Location	
79-6A	Exterior ramp	
6B		
6C		
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	
HM#	Material Description:	Quantity:
Sample ID	Sample Location & Material Location	

Relinquished By: N. AnsoffSignature: NADate/Time: 4/15/20Received By: FEDX 950Signature: [Signature]Date/Time: 4/16/2020

Relinquished By:

Signature:

Date/Time:

Received By:



Report for:

Eric Dyer, Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School-Unit 72-280 Woodland
EML ID: 2391986

Approved by:

Dates of Analysis:
Asbestos PLM: 04-18-2020



Approved Signatory
Renee Luna-Trepczynski

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 500031-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 72-280
 Woodland

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Total Samples Submitted: 15

Total Samples Analyzed: 15

Total Samples with Layer Asbestos Content > 1%: 0

Location: 72-1-A, Fabric Wall Cover W/Adhesive & White Cove Mastic; Entrance Doorway

Lab ID-Version‡: 11409436-1

Sample Layers	Asbestos Content
White Mastic	ND
White Semi-Fibrous Material (Wall Covering)	ND
White Adhesive	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	65% Cellulose 3% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 72-1-B, Fabric Wall Cover W/Adhesive & White Cove Mastic; SW Corner

Lab ID-Version‡: 11409437-1

Sample Layers	Asbestos Content
White Mastic	ND
White Semi-Fibrous Material (Wall Covering)	ND
White Adhesive	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	65% Cellulose 3% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 72-1-C, Fabric Wall Cover W/Adhesive & White Cove Mastic; SE Corner

Lab ID-Version‡: 11409438-1

Sample Layers	Asbestos Content
White Mastic	ND
White Semi-Fibrous Material (Wall Covering)	ND
White Adhesive	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	65% Cellulose 3% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
C/O: Eric Dyer, Ms. Karin Schroeter
Re: R1207405; Davidson Middle School-Unit 72-280
Woodland

1501 West Knudsen Drive, Phoenix, AZ 85027
(800) 651-4802 Fax (623) 780-7695 www.emlab.com
Date of Sampling: 04-15-2020
Date of Receipt: 04-16-2020
Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 72-2-A, Drywall W/Particle Board Adhesive; Entrance Doorway- (Above Ceiling)

Lab ID-Version‡: 11409439-1

Sample Layers	Asbestos Content
Brown Fiberboard	ND
Yellow Adhesive	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	60% Cellulose
Sample Composite Homogeneity:	Moderate

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 72-280
 Woodland

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT**Location: 72-2-B, Drywall W/Particle Board Adhesive;SW Corner**

Lab ID-Version‡: 11409440-1

Sample Layers	Asbestos Content
Brown Fiberboard	ND
White Semi-Fibrous Material (Wall Covering)	ND
Yellow Adhesive	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	65% Cellulose
Sample Composite Homogeneity:	Poor

Location: 72-2-C, Drywall W/Particle Board Adhesive;SW Corner

Lab ID-Version‡: 11409441-1

Sample Layers	Asbestos Content
Brown Fiberboard	ND
White Semi-Fibrous Material (Wall Covering)	ND
Yellow Adhesive	ND
White Drywall with Brown Paper	ND
Composite Non-Asbestos Content:	65% Cellulose
Sample Composite Homogeneity:	Poor

Location: 72-3-A, Yellow Carpet Adhesive;Entrance-Doorway

Lab ID-Version‡: 11409442-1

Sample Layers	Asbestos Content
Yellow Adhesive	ND
Brown Fibrous Material	ND
Composite Non-Asbestos Content:	50% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Moderate

Location: 72-3-B, Yellow Carpet Adhesive;SW Corner

Lab ID-Version‡: 11409443-1

Sample Layers	Asbestos Content
Yellow Adhesive with Red Paint	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 72-280
 Woodland

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 72-3-C, Yellow Carpet Adhesive;SE Corner

Lab ID-Version‡: 11409444-1

Sample Layers	Asbestos Content
Yellow Adhesive	ND
Composite Non-Asbestos Content:	< 1% Cellulose < 1% Synthetic Fibers
Sample Composite Homogeneity:	Good

Location: 72-4-A, Caulk-White-Frame/Trim/Joints;East Face-Door Frame

Lab ID-Version‡: 11409445-1

Sample Layers	Asbestos Content
White Caulk with Multilayered Paint	ND
Sample Composite Homogeneity:	Good

Location: 72-4-B, Caulk-White-Frame/Trim/Joints;East Face-Joint

Lab ID-Version‡: 11409446-1

Sample Layers	Asbestos Content
White Caulk with Multilayered Paint	ND
Sample Composite Homogeneity:	Good

Location: 72-4-C, Caulk-White-Frame/Trim/Joints;East Face-Window

Lab ID-Version‡: 11409447-1

Sample Layers	Asbestos Content
White Caulk with Multilayered Paint	ND
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Eric Dyer, Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 72-280
 Woodland

1501 West Knudsen Drive, Phoenix, AZ 85027
 (800) 651-4802 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

ASBESTOS PLM REPORT

Location: 72-5-A, Caulk-White;Roof Edge-No

Lab ID-Version‡: 11409448-1

Sample Layers	Asbestos Content
White Caulk with Multilayered Paint	ND
Sample Composite Homogeneity: Good	

Location: 72-5-B, Caulk-White;Roof Edge-So

Lab ID-Version‡: 11409449-1

Sample Layers	Asbestos Content
White Caulk with Gray Paint	ND
Sample Composite Homogeneity: Good	

Location: 72-5-C, Caulk-White;Roof Edge-So

Lab ID-Version‡: 11409450-1

Sample Layers	Asbestos Content
White Caulk with Gray Paint	ND
Sample Composite Homogeneity: Good	

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002391986

Terracon

E-MAIL REPORT TO: SEE BELOW

PM - S. Steiner
ssteiner@terracon.com

PM - K. Schroeter
kmschroeter@terracon.com

PM - K. Pilgrim
kmpilgrim@terracon.com

PM - M. Benefield
msbenefield@terracon.com

PM - T. Kattchee
takattchee@terracon.com

PM - W. Frieszell
wmfrieszell@terracon.com

PM - D. Block
David.block@terracon.com

denise.wallen@terracon.com
Engineering Assistant

eric.dyer@terracon.com
Engineering Assistant

ACM BULK SAMPLE DATA SHEET

- PLM Analysis (Analyze all samples)
- Stop Analysis at First Positive
- Point Count Analysis (400-point)

Project Name/ Address/ Building No. Davidson Middle School Unit 72 2875 Woodmont St

Project# R1207405 Sampled By: N. Ansett Sampling Date: 4/15/20

Sample(s) sent to: MAL ASB TEM EMLAB Other

TAT Rush 24HRS 48HR 3-5 days

HM#	Material Description	Quantity:
	<i>Fibroc wall cover w/ adhesive + white core mastic</i>	
Sample ID	Sample Location & Material Location	Quantity:
<i>72-1-A</i>	<i>Entrance Doorway</i>	
<i>72-1-B</i>	<i>SW corner</i>	
<i>72-1-C</i>	<i>SE corner</i>	
	<i>Overall w/ particle board adhesive</i>	
Sample ID	Sample Location & Material Location	Quantity:
<i>72-2-A</i>	<i>Entrance doorway - (above ceiling)</i>	
<i>72-2-B</i>	<i>SW corner</i>	
<i>72-2-C</i>	<i>SW corner</i>	
	<i>yellow carpet adhesive</i>	
Sample ID	Sample Location & Material Location	Quantity:
<i>72-3-A</i>	<i>Entrance - doorway</i>	
<i>72-3-B</i>	<i>SW corner</i>	
<i>72-3-C</i>	<i>SE corner</i>	
	<i>caulke-white-frame/trim/joints.</i>	
Sample ID	Sample Location & Material Location	Quantity:
<i>72-4-A</i>	<i>East face - doorframe</i>	
<i>72-4-B</i>	<i>" " - joints</i>	
<i>72-4-C</i>	<i>" " - window</i>	
	<i>caulke-white-</i>	
Sample ID	Sample Location & Material Location	Quantity:
<i>72-5-A</i>	<i>Roof edge - No.</i>	
<i>72-5-B</i>	<i>" " - So</i>	
<i>72-5-C</i>	<i>" " - So.</i>	

Relinquished By: N. Ansett
 Received By: _____
 Relinquished By: FEDX 950
 Received By: _____

Signature: [Signature]
 Signature: _____
 Signature: [Signature]
 Signature: _____

Date/Time: 4/15/20
 Date/Time: _____
 Date/Time: 4-16-2020
 Date/Time: _____

Appendix 2:
Laboratory Results and Chain of Custody - Lead



Report for:


Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207210J; Davidson Middle School-Unit 70-280 Woodland San Rafael
EML ID: 2391863

Approved by:

Dates of Analysis:

Lead - Flame AA: 04-17-2020



Technical Manager
Andrew Ikeda

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207210J; Davidson Middle School-Unit 70-
 280 Woodland San Rafael

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	70-Pb-1: Red Metal	70-Pb-2: Tan Wood	70-Pb-3: Gray Metal/Wood
Comments (see below)	None	None	None
Lab ID-Version‡:	11407509-1	11407510-1	11407511-1
Analysis Date:	04/17/2020	04/17/2020	04/17/2020
Sample type	Paint Chip sample	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	39 ppm	39 ppm	39 ppm
Sample size	0.2549 grams	0.2538 grams	0.2594 grams
§ Total Lead Result	< 39 ppm	< 39 ppm	< 39 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002391863

Terracon

FAX OR E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM) ***ADDITIONAL REPORT RECIPIENT(S): _____ ***			LEAD PAINT SAMPLE DATA SHEET * Lead Analysis <input checked="" type="checkbox"/> Flame AA (EPA 7420) _____ TTLC PAGE <u>1</u> OF <u>1</u>		
<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com	<input type="checkbox"/> PM - T. Kattchee tkattchee@terracon.com	<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com

Project Name/ Address/ Building No. Wardlan Middle School - Unit 70 - 280 Woodland San Rafael
 Project# R1207605 Sampled By: N. Abbott Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other EM
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
70-Pb-1	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>portable classroom frame</u> Sample Location: Bldg # _____ Unit # <u>70</u> Room _____	
70-Pb-2	Paint Color: <u>tan</u> Substrate: <u>wood</u> Component: <u>exterior</u> Sample Location: Bldg # _____ Unit # <u>70</u> Room _____	
70-Pb-3	Paint Color: <u>Gray</u> Substrate: <u>metal/wood</u> Component: <u>trim + overhang</u> Sample Location: Bldg # _____ Unit # <u>70</u> Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By:

N. Abbott
P. Timmons

Signature:

[Signature]
[Signature]

Date/Time:

4/15/20
4/16/20 09:50

Received By:

Signature:

Date/Time:

Received By:

Signature:

Date/Time:



Report for:

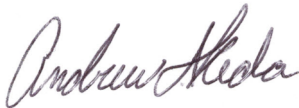
Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School-Unit 72-280 Woodland San Rafael
EML ID: 2391865

Approved by:

Dates of Analysis:

Lead - Flame AA: 04-17-2020



Technical Manager
Andrew Ikeda

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample size, as it relates to Wipe samples only, is supplied by the client.

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Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 72-280
 Woodland San Rafael

17461 Derian Ave, Suite 100, Irvine, CA 92614
 (866) 888-6653 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	72-Pb-1: Red Metal	72-Pb-2: Tan Wood	72-Pb-3: Gray Wood/Metal
Comments (see below)	None	None	None
Lab ID-Version‡:	11407546-1	11407547-1	11407548-1
Analysis Date:	04/17/2020	04/17/2020	04/17/2020
Sample type	Paint Chip sample	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm	39 ppm	39 ppm
Sample size	0.2506 grams	0.2552 grams	0.2562 grams
§ Total Lead Result	< 40 ppm	< 39 ppm	< 39 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002391865

Terracon

FAX OR E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM) ***ADDITIONAL REPORT RECIPIENT(S): _____ ***	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis <input checked="" type="checkbox"/> Flame AA (EPA 7420) <input type="checkbox"/> TTLC PAGE <u>1</u> OF <u>1</u>
-------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com	<input type="checkbox"/> PM - T. Kattchee tkattchee@terracon.com	<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com
--------------------------------------------------------------------	-----------------------------------------------------------------------------------	------------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------	------------------------------------------------------------------------

Project Name/ Address/ Building No. Davidson Middle School - Unit 72 - 250 Woodland - San Rafael
 Project# R1207605 Sampled By: N. Anscott Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other EM Lab
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
<u>72-Pb-1</u>	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>outside classroom frame</u> Sample Location: Bldg # _____ Unit # <u>72</u> Room _____	
<u>72-Pb-2</u>	Paint Color: <u>tan</u> Substrate: <u>wood</u> Component: <u>exterior wall</u> Sample Location: Bldg # _____ Unit # <u>72</u> Room _____	
<u>72-Pb-3</u>	Paint Color: <u>Gray</u> Substrate: <u>wood metal</u> Component: <u>trim & overhang</u> Sample Location: Bldg # _____ Unit # <u>72</u> Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By: N. Anscott Signature: _____ Date/Time: 4/15/20
 Received By: J. Timmon Signature: _____ Date/Time: 4/16/20 9:50
 Received By: _____ Signature: _____ Date/Time: _____



Report for:

Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School
EML ID: 2391876

Approved by:



Technical Manager
Andrew Ikeda

Dates of Analysis:

Lead - Flame AA: 04-17-2020

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	71-Pb-1: Red Metal	71-Pb-2: Tan Wood	71-Pb-3: Blue and Red Metal	73-Pb-1: Red Metal
Comments (see below)	A	A	A	A
Lab ID-Version‡:	11408719-1	11408720-1	11408721-1	11408722-1
Analysis Date:	04/17/2020	04/17/2020	04/17/2020	04/17/2020
Sample type	Paint Chip sample	Paint Chip sample	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	39 ppm	40 ppm	39 ppm	39 ppm
Sample size	0.2533 grams	0.2529 grams	0.2561 grams	0.2565 grams
§Total Lead Result	< 39 ppm	< 40 ppm	< 39 ppm	< 39 ppm

Comments: A) The relative percent difference of the matrix duplicate pair was above control limits. The laboratory control sample and matrix blank were both within control limits and validated the batch.

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	73-Pb-2: Tan Wood	73-Pb-3: Blue Metal	75-Pb-1: Tan Wood	75-Pb-2: Blue Metal
Comments (see below)	A	A	A	A
Lab ID-Version‡:	11408723-1	11408724-1	11408725-1	11408726-1
Analysis Date:	04/17/2020	04/17/2020	04/17/2020	04/17/2020
Sample type	Paint Chip sample	Paint Chip sample	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm	39 ppm	40 ppm	39 ppm
Sample size	0.2529 grams	0.2532 grams	0.2506 grams	0.2566 grams
§ Total Lead Result	< 40 ppm	< 39 ppm	< 40 ppm	< 39 ppm

Comments: A) The relative percent difference of the matrix duplicate pair was above control limits. The laboratory control sample and matrix blank were both within control limits and validated the batch.

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	77-Pb-1: Tan Wood	77-Pb-2: Blue Metal	79-Pb-1: Tan Wood	79-Pb-2: Blue Metal
Comments (see below)	A	A	A	A
Lab ID-Version‡:	11408727-1	11408728-1	11408729-1	11408730-1
Analysis Date:	04/17/2020	04/17/2020	04/17/2020	04/17/2020
Sample type	Paint Chip sample	Paint Chip sample	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm	39 ppm	40 ppm	40 ppm
Sample size	0.2531 grams	0.2544 grams	0.2527 grams	0.2527 grams
§Total Lead Result	< 40 ppm	< 39 ppm	< 40 ppm	< 40 ppm

Comments: A) The relative percent difference of the matrix duplicate pair was above control limits. The laboratory control sample and matrix blank were both within control limits and validated the batch.

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

‡ The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School

Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	79-Pb-3: Red Metal	79-Pb-4: Blue and Red Metal
Comments (see below)	A	A
Lab ID-Version‡:	11408731-1	11408732-1
Analysis Date:	04/17/2020	04/17/2020
Sample type	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm	39 ppm
Sample size	0.2502 grams	0.2593 grams
§Total Lead Result	< 40 ppm	< 39 ppm

Comments: A) The relative percent difference of the matrix duplicate pair was above control limits. The laboratory control sample and matrix blank were both within control limits and validated the batch.

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002391876

Terracon

E-MAIL REPORT TO: PROJECT MANAGER (PM)

<input type="checkbox"/> denise.wall@terracon.com Engineering Assistant	<input checked="" type="checkbox"/> eric.dyer@terracon.com Engineering Assistant	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis Flame AA (EPA 7420) _____ TTLC PAGE ____ OF ____
<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	
<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com
		<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com
		<input type="checkbox"/> PM - D. Block david.block@terracon.com

Project Name/ Address/ Building No. Davison mid. school
 Project# R1207405 Sampled By: Isis Raele Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other _____
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
71-Pb-1	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>Wall above ceiling</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 71 - South Wall</u>	
71-Pb-2	Paint Color: <u>Tan</u> Substrate: <u>wood</u> Component: <u>Ext. Wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 71 - Under window</u>	
71-Pb-3	Paint Color: <u>Blue-Red</u> Substrate: <u>Metal</u> Component: <u>Trim</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 71 Trim, right of door</u>	
73-Pb-1	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>W-Wall above ceiling</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable - 73 - W-Wall</u>	
73-Pb-2	Paint Color: <u>Tan</u> Substrate: <u>wood</u> Component: <u>Ext. under window</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 73</u>	

Relinquished By: J. Timmons Signature: Isis Raele Date/Time: 4/15/20
 Received By: _____ Signature: _____ Date/Time: 4/16/20 9:50
 Received By: _____ Signature: _____ Date/Time: _____



E-MAIL REPORT TO: PROJECT MANAGER (PM)

<input type="checkbox"/> denise.wall@terracon.com Engineering Assistant	<input checked="" type="checkbox"/> eric.dyer@terracon.com Engineering Assistant	LE 002391876 * Lead Flame AA (EPA 7420) _____ TTLC _____	PLE DATA SHEET PAGE _____ OF _____	
<input type="checkbox"/> PM - S. Steiner spssteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com			
<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com	<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com	<input type="checkbox"/> PM - D. Block david.block@terracon.com

Project Name/ Address/ Building No. Davidson middle school
 Project# 2007405 Sampled By: Isis Raele Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other _____
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
73-PB-3	Paint Color: <u>Blue</u> Substrate: <u>metal</u> Component: <u>TRIM</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 73-TRIM</u>	
75-PB-1	Paint Color: <u>Tan</u> Substrate: <u>Wood</u> Component: <u>Wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 75</u>	
75-PB-2	Paint Color: <u>Blue</u> Substrate: <u>Metal</u> Component: <u>Door frame</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 75</u>	
77-PB-1	Paint Color: <u>Tan</u> Substrate: <u>Wood</u> Component: <u>Ext. Wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 77</u>	
77-PB-2	Paint Color: <u>Blue</u> Substrate: <u>metal</u> Component: <u>Door frame</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 77</u>	

Relinquished By: Isis Raele Signature: [Signature] Date/Time: 4/15/20
 Received By: J. Timmons Signature: [Signature] Date/Time: 4/16/2020 9:50
 Received By: _____ Signature: _____ Date/Time: _____



002391876

Terracon

E-MAIL REPORT TO: PROJECT MANAGER (PM)

<input type="checkbox"/> denise.wallen@terracon.com Engineering Assistant	<input checked="" type="checkbox"/> eric.dyer@terracon.com Engineering Assistant	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis Flame AA (EPA 7420) _____ TTLC PAGE ____ OF ____
<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	
<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com
	<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com	<input type="checkbox"/> PM - D. Block david.block@terracon.com

Project Name/ Address/ Building No. Davidson Middle School
 Project# R1207405 Sampled By: Isis Raele Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other _____
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
79-Pb1	Paint Color: <u>Tan</u> Substrate: <u>wood</u> Component: <u>wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
79-Pb2	Paint Color: <u>Blue</u> Substrate: <u>metal</u> Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
79-Pb3	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
79-Pb4	Paint Color: <u>Blue Trid paint</u> Substrate: <u>metal</u> Component: <u>Ramp</u> <u>3 Red paint</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By: Isis Raele Signature: [Signature] Date/Time: 4/15/20
 Received By: J. Timmons Signature: [Signature] Date/Time: 4/16/2020 9:50
 Received By: _____ Signature: _____ Date/Time: _____



002391876

Terracon

E-MAIL REPORT TO: PROJECT MANAGER (PM)

<input type="checkbox"/> denise.wall@terracon.com Engineering Assistant	<input checked="" type="checkbox"/> eric.dyer@terracon.com Engineering Assistant	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis Flame AA (EPA 7420) _____ TTLC PAGE ____ OF ____
<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	
<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com
		<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com
		<input type="checkbox"/> PM - D. Block david.block@terracon.com

Project Name/ Address/ Building No. Davison mid. school
 Project# R1207405 Sampled By: Isis Raele Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other _____
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
71-Pb-1	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>Wall above ceiling</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 71 - South Wall</u>	
71-Pb-2	Paint Color: <u>Tan</u> Substrate: <u>wood</u> Component: <u>Ext. Wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 71 - Under window</u>	
71-Pb-3	Paint Color: <u>Blue-Red</u> Substrate: <u>Metal</u> Component: <u>Trim</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 71 Trim, right of door</u>	
73-Pb-1	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>W-Wall above ceiling</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable - 73 - W-Wall</u>	
73-Pb-2	Paint Color: <u>Tan</u> Substrate: <u>wood</u> Component: <u>Ext. under window</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 73</u>	

Relinquished By: J. Timmons Signature: Isis Raele Date/Time: 4/15/20
 Received By: _____ Signature: _____ Date/Time: 4/16/20 9:50
 Received By: _____ Signature: _____ Date/Time: _____



E-MAIL REPORT TO: PROJECT MANAGER (PM)

<input type="checkbox"/> denise.wall@terracon.com Engineering Assistant	<input checked="" type="checkbox"/> eric.dyer@terracon.com Engineering Assistant	LE 002391876 * Lead Flame AA (EPA 7420) _____ TTLC _____ PAGE _____ OF _____
<input type="checkbox"/> PM - S. Steiner spssteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	
<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com
		<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com
		<input type="checkbox"/> PM - D. Block david.block@terracon.com

Project Name/ Address/ Building No. Davidson middle school
 Project# 2007405 Sampled By: Isis Raele Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other _____
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
73-PB-3	Paint Color: <u>Blue</u> Substrate: <u>metal</u> Component: <u>TRIM</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 73-TRIM</u>	
75-PB-1	Paint Color: <u>Tan</u> Substrate: <u>Wood</u> Component: <u>Wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 75</u>	
75-PB-2	Paint Color: <u>Blue</u> Substrate: <u>Metal</u> Component: <u>Door frame</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 75</u>	
77-PB-1	Paint Color: <u>Tan</u> Substrate: <u>Wood</u> Component: <u>Ext. Wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 77</u>	
77-PB-2	Paint Color: <u>Blue</u> Substrate: <u>metal</u> Component: <u>Door frame</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 77</u>	

Relinquished By: Isis Raele Signature: [Signature] Date/Time: 4/15/20
 Received By: J. Timmons Signature: [Signature] Date/Time: 4/16/2020 9:50
 Received By: _____ Signature: _____ Date/Time: _____



002391876

Terracon

E-MAIL REPORT TO: PROJECT MANAGER (PM)

<input type="checkbox"/> denise.wallen@terracon.com Engineering Assistant	<input checked="" type="checkbox"/> eric.dyer@terracon.com Engineering Assistant	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis Flame AA (EPA 7420) _____ TTLC PAGE ____ OF ____
<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	
<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com
	<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com	<input type="checkbox"/> PM - D. Block david.block@terracon.com

Project Name/ Address/ Building No. Davidson Middle School
 Project# R1207405 Sampled By: Isis Raele Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other _____
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
79-Pb1	Paint Color: <u>Tan</u> Substrate: <u>wood</u> Component: <u>wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
79-Pb2	Paint Color: <u>Blue</u> Substrate: <u>metal</u> Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
79-Pb3	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>wall</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
79-Pb4	Paint Color: <u>Blue Trid paint</u> Substrate: <u>metal</u> Component: <u>Ramp</u> <u>3 Red paint</u> Sample Location: Bldg # _____ Unit # _____ Room _____ <u>Portable 79</u>	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By: Isis Raele Signature: [Signature] Date/Time: 4/15/20
 Received By: J. Timmon Signature: [Signature] Date/Time: 4/16/2020 9:50
 Received By: _____ Signature: _____ Date/Time: _____



Report for:

Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School-Unit 76-280 Woodland San Rafael
EML ID: 2391869

Approved by:

Dates of Analysis:

Lead - Flame AA: 04-20-2020



Technical Manager
Andrew Ikeda

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 76-280
 Woodland San Rafael

17461 Derian Ave, Suite 100, Irvine, CA 92614
 (866) 888-6653 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	76-Pb-1: Tan Wood	76-Pb-2: Gray Wood and Metal
Comments (see below)	None	None
Lab ID-Version‡:	11408661-1	11408662-1
Analysis Date:	04/20/2020	04/20/2020
Sample type	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm	39 ppm
Sample size	0.2517 grams	0.2535 grams
§Total Lead Result	< 40 ppm	< 39 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002391869

Terracon

FAX OR E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM) ***ADDITIONAL REPORT RECIPIENT(S): _____ ***	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis Flame AA (EPA 7420)	PAGE <u>1</u> OF <u>1</u>
------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------	---------------------------

<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com	<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com	<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com
--------------------------------------------------------------------	-----------------------------------------------------------------------------------	------------------------------------------------------------------------	----------------------------------------------------------------------	--------------------------------------------------------------------	------------------------------------------------------------------------

Project Name/ Address/ Building No. Davidson Middle School Unit 76- 280 Woodland - San Rafael
 Project# R1207405 Sampled By: P. Ansett Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other EMcab
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
76-1b-1	Paint Color: <u>tan</u> Substrate: <u>wood</u> Component: <u>exterior wall</u> Sample Location: Bldg # _____ Unit # <u>76</u> Room _____	
76-1b-2	Paint Color: <u>Gray</u> Substrate: <u>woods metal</u> Component: <u>trim, door window frames</u> Sample Location: Bldg # _____ Unit # <u>76</u> Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By: J. Timmon Signature: [Signature] Date/Time: 4/15/20
 Received By: _____ Signature: _____ Date/Time: 4/16/2020 9:50
 Received By: _____ Signature: _____ Date/Time: _____



Report for:

Ms. Karin Schroeter
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School-Unit 78-280 Woodland San Rafael
EML ID: 2391871

Approved by:

Dates of Analysis:

Lead - Flame AA: 04-20-2020



Technical Manager
Andrew Ikeda

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample size, as it relates to Wipe samples only, is supplied by the client.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Ms. Karin Schroeter
 Re: R1207405; Davidson Middle School-Unit 78-280
 Woodland San Rafael

17461 Derian Ave, Suite 100, Irvine, CA 92614
 (866) 888-6653 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	78-Pb-1: Red Metal	78-Pb-2: Tan Wood	78-Pb-3: Gray Wood/Metal
Comments (see below)	None	None	None
Lab ID-Version‡:	11408702-1	11408703-1	11408704-1
Analysis Date:	04/20/2020	04/20/2020	04/20/2020
Sample type	Paint Chip sample	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	39 ppm	39 ppm	40 ppm
Sample size	0.2565 grams	0.2576 grams	0.2521 grams
§ Total Lead Result	< 39 ppm	< 39 ppm	< 40 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002391871

Terracon

FAX OR E-MAIL REPORT TO: SEE BELOW PROJECT MANAGER (PM) ***ADDITIONAL REPORT RECIPIENT(S): _____ ***	LEAD PAINT SAMPLE DATA SHEET * Lead Analysis Flame AA (EPA 7420) _____ TLC _____ PAGE <u>1</u> OF <u>1</u>
-------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------

<input type="checkbox"/> PM - S. Steiner spsteiner@terracon.com	<input checked="" type="checkbox"/> PM - K. Schroeter kmschroeter@terracon.com	<input type="checkbox"/> PM - W. Frieszell wmfrieszell@terracon.com	<input type="checkbox"/> PM - T. Kattchee takattchee@terracon.com	<input type="checkbox"/> PM - K. Pilgrim kmpilgrim@terracon.com	<input type="checkbox"/> PM - M. Benefield msbenefield@terracon.com
--------------------------------------------------------------------	-----------------------------------------------------------------------------------	------------------------------------------------------------------------	----------------------------------------------------------------------	--------------------------------------------------------------------	------------------------------------------------------------------------

Project Name/ Address/ Building No. Davidson Middle School - unit 78 - 280 Woodland - San Rafael
 Project# R1207405 Sampled By: N. Aislett Sampling Date: 4/15/20
 Sample(s) sent to: MAL EMSL Aerobiology Quantem Other EM cab
 TAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
<u>78-PB-1</u>	Paint Color: <u>Red</u> Substrate: <u>metal</u> Component: <u>Bldg Frame</u> Sample Location: Bldg # _____ Unit # <u>78</u> Room _____	
<u>78-PB-2</u>	Paint Color: <u>tan</u> Substrate: <u>wood</u> Component: <u>exterior wall</u> Sample Location: Bldg # _____ Unit # <u>78</u> Room _____	
<u>78-PB-3</u>	Paint Color: <u>Gray</u> Substrate: <u>wood/metal</u> Component: <u>exterior trim/frames</u> Sample Location: Bldg # _____ Unit # <u>78</u> Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By: J. Timmon Signature: [Signature] Date/Time: 4/15/20
 Received By: _____ Signature: [Signature] Date/Time: 4/16/20 9:50
 Received By: _____ Signature: _____ Date/Time: _____



Report for:


Mr. Michael Benefield, PE, CAC, William Frieszell, Mr. Kenneth Pilgrim, Ms. Karin Schroeter, Mr. Steffen Steiner
Terracon Consultants, Inc. - Emeryville
1466 66th Street
Emeryville, CA 94608

Regarding: Project: R1207405; Davidson Middle School-Unit 74-280 Woodland-San Rafael
EML ID: 2392139

Approved by:

Dates of Analysis:

Lead - Flame AA: 04-17-2020



Technical Manager
Andrew Ikeda

Service SOPs: Lead - Flame AA (EM-BC-S-8443)
AIHA-LAP, LLC accredited service, Lab ID #178697

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample size, as it relates to Wipe samples only, is supplied by the client.

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Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: Terracon Consultants, Inc. - Emeryville
 C/O: Mr. Michael Benefield, PE, CAC, William
 Frieszell, Mr. Kenneth Pilgrim, Ms. Karin Schroeter,
 Mr. Steffen Steiner
 Re: R1207405; Davidson Middle School-Unit 74-280
 Woodland-San Rafael

Eurofins EMLab P&K
 17461 Derian Ave, Suite 100, Irvine, CA 92614
 (866) 888-6653 Fax (623) 780-7695 www.emlab.com
 Date of Sampling: 04-15-2020
 Date of Receipt: 04-16-2020
 Date of Report: 04-20-2020

LEAD: FLAME ATOMIC ABSORPTION SPECTROMETRY

Location:	74-PB-1: Tan Wood	74-PB-2: Gray Wood + Metal
Comments (see below)	None	None
Lab ID-Version‡:	11408794-1	11408795-1
Analysis Date:	04/17/2020	04/17/2020
Sample type	Paint Chip sample	Paint Chip sample
Method*	NIOSH 7082 & EPA 7000B modified	NIOSH 7082 & EPA 7000B modified
† Method Reporting Limit	40 ppm	39 ppm
Sample size	0.2527 grams	0.2571 grams
§Total Lead Result	< 40 ppm	< 39 ppm

Comments:

Sample results have not been corrected for blank values.

Bulk samples are not covered under the AIHA-LAP, LLC service accreditation.

Wipe samples must meet ASTM E1792 criteria. Method Reporting Limits may not be valid for non-ASTM E1792 wipe samples.

*Sample preparation and analytical methods are based upon NIOSH 7082 and EPA 7000B.

† The Method Reporting Limit is the minimum concentration of Lead that the laboratory can confidently detect in the sample.

§ Total Lead Result has been rounded to two significant figures to reflect analytical precision.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".



002392139

Terracon

***FAX OR E-MAIL REPORT TO:
SEE BELOW PROJECT MANAGER (PM)***

***ADDITIONAL REPORT
RECIPIENT(S): _____ ***

LEAD PAINT SAMPLE DATA SHEET

* Lead Analysis
 Flame AA (EPA 7420) _____ TLTC

PAGE 1 OF 1
 PM - S. Steiner
spsteiner@terracon.com

 PM - K. Schroeter
kmschroeter@terracon.com

 PM - W. Frieszell
wmfrieszell@terracon.com

 PM - T. Kattchee
tkattchee@terracon.com

 PM - K. Pilgrim
kmpilgrim@terracon.com

 PM - M. Benefield
msbenefield@terracon.com
Project Name/ Address/ Building No. Mission Middle School Unit 74 - 280 Woodland - San RafaelProject# R120740 Sampled By: N. Ascott Sampling Date: 4/17/20Sample(s) sent to: MAL EMSL Aerobiology Quantem Other EM LabTAT Rush 24HRS 48HRS 3-5 Day

Sample ID	Paint Description and Sample Location	Condition (I/F/P)
<u>74 Pb-1</u>	Paint Color: <u>tan</u> Substrate: <u>wood</u> Component: <u>exterior wall</u> Sample Location: Bldg # _____ Unit # <u>74</u> Room _____	
<u>74 Pb-2</u>	Paint Color: <u>Gray</u> Substrate: <u>wood & metal</u> Component: <u>exterior trim/frame/overhang</u> Sample Location: Bldg # _____ Unit # <u>74</u> Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	
	Paint Color: _____ Substrate: _____ Component: _____ Sample Location: Bldg # _____ Unit # _____ Room _____	

Relinquished By:

N. Ascott

Signature:

[Signature]

Date/Time:

4/17/20

Received By:

[Signature]

Signature:

Date/Time:

4/16-2020 09:50

Received By:

J. Timmons

Signature:

[Signature]

Date/Time:

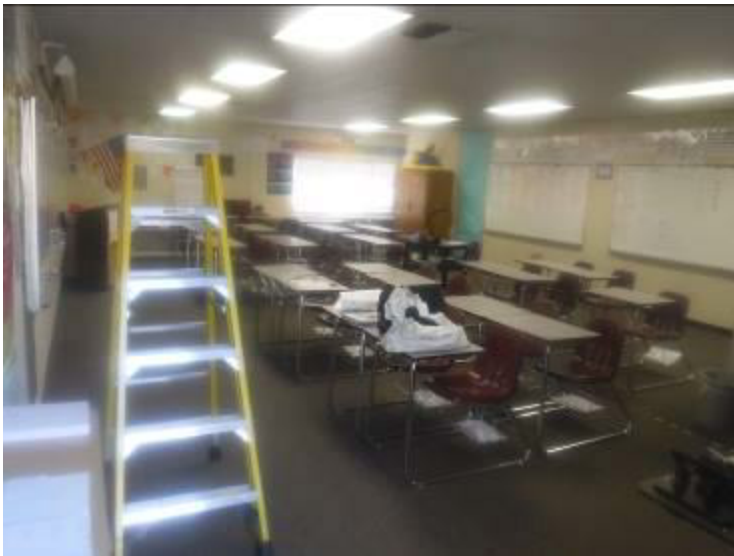
4/17/2020 10:39

**Appendix 3:
Material and Sample Location Drawing**

PROJECT NAME:	Pre-Demolition Survey	DATE:	4/15/20
SITE ADDRESS:	Davidson Middle School, 280 Woodland Ave. San Rafael	PROJECT NUMBER:	R1207405
TERRACON REPRESENTATIVE:	N. Arscott	PLM	
TERRACON P.M.:	K. Schroeter	LEAD	



The units sit flat against the asphalt deck – no crawl space is visible below.



All the classrooms have carpeted floors, fiberglass lay-in ceiling tiles, and fiber board walls.

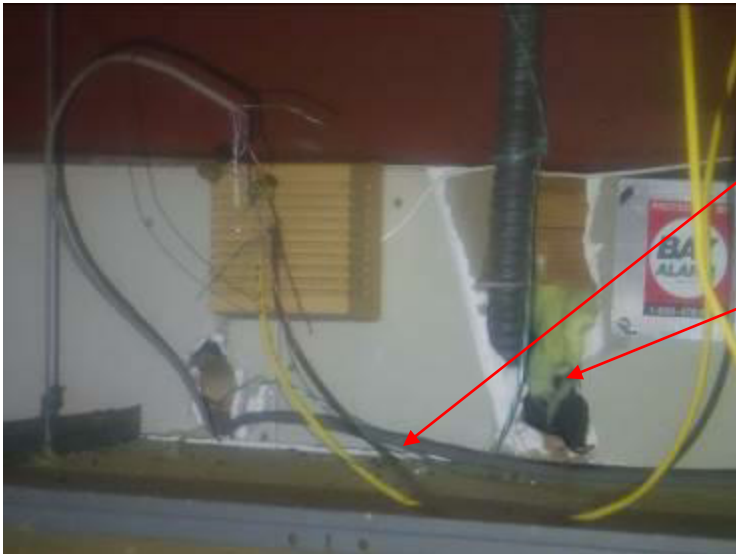
All the rooms have 40 x 4' neon tubes, in 10 sets of 4 each.

Only room 78 has fiber type ceiling tiles.

PROJECT: R1207405 -
TIME AND ACTIVITY



The fiber board is visible at the many tears in the fabric wall cover.



Above ceiling, drywall is visible extending past the fiber board.

Holes in the drywall reveal fiberglass wall insulation.



Along the upper edges, excess adhesive can be seen, evidencing that the fiber board is glued to the drywall, in most cases.

In some rooms, only nails are noted.

PROJECT: R1207405 -
TIME AND ACTIVITY



Some of the trailers have a metal frame, with red paint.

The drywall is clearly nailed to the portable's wood sub-frame.



The roof undersides have fiberglass insulation.

All the ducting is flexible hose, with clamped connections – Terracon notes no suspect duct sealants.



All but one roof are metal.

Unable to seal a sample wound in these, and after discussion with the site contractor, Terracon agrees to not check underneath.

PROJECT: R1207405 -
TIME AND ACTIVITY



The roof edges have sealant, which is sampled.



Room 78 has a felt and tar roof, which is sampled.

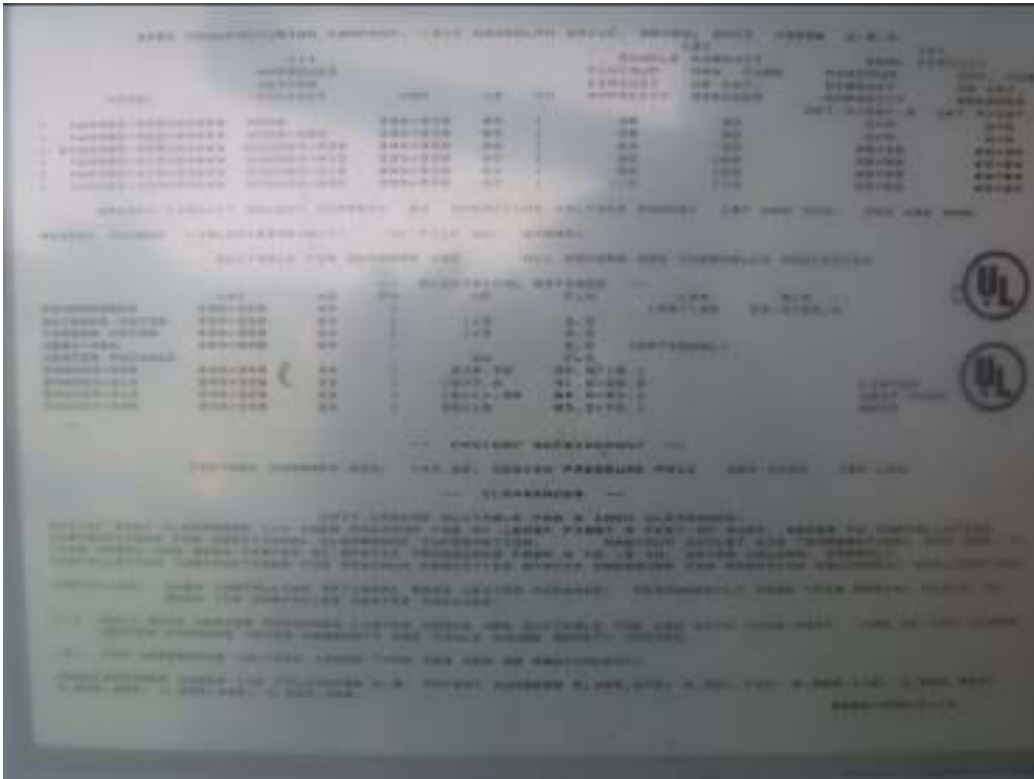


The air units, hanging on the back, exterior, walls...

PROJECT: R1207405 -
TIME AND ACTIVITY



...are all the same, and appear to provide only heat or air circulation.



None of the labels indicate the presence of refrigerants.

PROJECT: R1207405 -
TIME AND ACTIVITY



Only motor and element electrical currents are noted.



Appendix 4:
Site Inspector Certificate

State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Nigel D Arscott



Name

Certification No. 04-3679

Expires on 10/14/20

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.



STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH



LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:



Nigel Arscott

CERTIFICATE TYPE:

Lead Sampling Technician

NUMBER:

LRC-00003602

EXPIRATION DATE:

1/2/2021

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD.