



**MATANUSKA-SUSITNA**  
BOROUGH SCHOOL DISTRICT

**BID #B23-02**

**ROOF REPAIRS**

Due Date and Time: **October 14, 2022** at **2:00 P.M.**

Enclosed:

Bid  
Documents  
and  
Affidavit

Matanuska-Susitna Borough School District

Purchasing Department  
690 Cope Industrial Way  
Palmer, AK 99645

P: (907) 861-5120 || F: (907) 861-5184  
[bids@matsuk12.us](mailto:bids@matsuk12.us)  
[www.matsuk12.us/bids](http://www.matsuk12.us/bids)

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## ADVERTISEMENT

	DATE OF ADVERTISEMENT
Frontiersman	September 16 and 18, 2022
Anchorage Daily News	September 16 and 18, 2022

Type of Ad: Classified / Public Notice

The material herein must be printed in its entirety on the dates shown above. Affidavit of publication is required prior to payment.

### **Matanuska-Susitna Borough School District Bid**

BID #B23-02

ROOF REPAIRS

Notice is hereby given that the Matanuska-Susitna Borough School District (MSBSD) will consider bids from qualified individuals and firms for the provision of:

ROOF REPAIRS

Bids are due on or before      October 14, 2022      at      2:00 P.M.      Palmer, Alaska time. Sealed bids must be submitted and received by the MSBSD Purchasing Department, 690 Cope Industrial Way, Palmer, AK 99645, on or before said date and time designated for receipt of bids. All bids must be marked"      BID #B23-02      ."

Bid documents can be viewed on the MSBSD website at [www.matsuk12.us/bids](http://www.matsuk12.us/bids) and are also available at the MSBSD Purchasing Department, 690 Cope Industrial Way, Palmer, AK 99645. For more information, call (907) 861-5120.

A pre-bid conference will be held on September 26, 2022. Attendance is not mandatory, but it is highly recommended that bidders attend. For more information, please refer to Appendix 6 of the bid documents. MSBSD personnel will be available. All questions will be answered in writing and issued as an addendum to the bid documents.

The MSBSD reserves the right to accept or reject any or all bids and waive any minor technicalities, informalities, and/or irregularities as it deems appropriate.

9/7/22	Requested By:	A. Carney	Approved By:	B. Munson
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ROOF REPAIRS

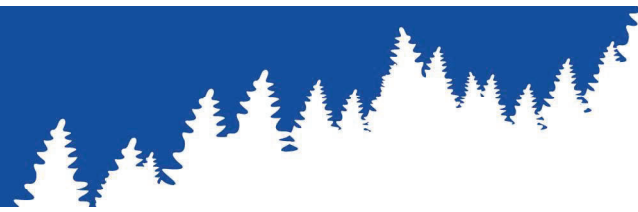
BID #B23-02





# MATANUSKA-SUSITNA

BOROUGH SCHOOL DISTRICT



## ROOF REPAIRS

**BID #B23-02**

### **INVITATION TO BID**

THIS IS NOT A PURCHASE ORDER

The Matanuska-Susitna Borough School District (MSBSD) is requesting bids from qualified bidders to provide

ROOF REPAIRS

as specific herein.

Bids will be accepted until

October 14, 2022

at

2:00 P.M.

Questions will be accepted until

September 29, 2022

at

4:00 P.M.

### **BIDDER USE ONLY**

THIS PAGE MUST BE COMPLETELY FILLED IN, SIGNED, AND RETURNED WITH YOUR PACKET.

Company Name

Address

City

State

Zip

Telephone Number

Fax Number

State of Alaska Business License Number

Matanuska-Susitna Borough Business License Number

Authorized Signature

Printed Name

Date

ROOF REPAIRS

BID #B23-02





# **INSTRUCTIONS TO BIDDERS**

## **1. GENERAL INFORMATION:**

The Matanuska-Susitna Borough School District (MSBSD) is soliciting bids from qualified bidders to provide the scope of services as specified in Attachment A, Scope of Services. Copies of the bid documents can be viewed in the Purchasing section of the MSBSD website at [www.matsuk12.us/bids](http://www.matsuk12.us/bids) and can be obtained in the Purchasing Department at 690 Cope Industrial Way, Palmer, Alaska 99645 or by calling (907) 861-5120. Office hours are 7:00am - 4:30pm, Monday through Friday.

Bids must be fully executed, signed by each bidder, and enclosed in a sealed envelope with the bidder's name, address, and phone number clearly indicated on the outside, as per Section 8 of this Instructions to Bidders. Bids must be submitted to the MSBSD Purchasing Department at 690 Cope Industrial Way, Palmer, Alaska 99645. Signed bids must be in the office of the MSBSD Purchasing Department on or before the date and time designated for receipt of bids. **The MSBSD will not accept or consider bids that are oral, telephonic, telegraphic, faxed, e-mailed, or otherwise electronically transmitted.**

## **2. GENERAL STATEMENT:**

In rendering the services hereunder, the selected bidder shall adhere to the following general terms and conditions. The term "selected bidder" refers to the bidder awarded a contract to provide services and/or products as required herein. The term "agreement" hereafter refers to this Invitation to Bid, any and all attachments and appendices, any and all addenda, and the bidder's response and acceptance by the MSBSD. A contract may be issued upon award of this bid.

## **3. PRE-BID CONFERENCE:**

A pre-bid conference will be held on September 26, 2022. Attendance is not mandatory, but it is highly recommended that bidders attend. For more information, please refer to Appendix 6 of the bid documents. MSBSD personnel will be available. All questions will be answered in writing and issued as an addendum to the bid documents.

## **4. EXAMINATION OF BID DOCUMENTS:**

A. Bidders shall carefully examine the bid documents before submitting a bid. The submission of a bid shall be an admission that the bidder has made such examination and is satisfied as to the conditions to be encountered in performing the work and as to the requirements and accuracy of the bid documents.

B. The MSBSD assumes no responsibility for any understanding or representations concerning conditions made by any of its officers, agents, or employees prior to the execution of the bid, unless such understanding or representations are expressly stated in the bid documents or addenda.

C. Bidders shall include in their bid sums sufficient to cover all items and services required by the bid documents, and shall rely entirely upon their own examination in making their bid. The submission of a bid shall be taken as prima facie evidence of compliance with this paragraph.

## **5. INTERPRETATION OR CORRECTION OF BID DOCUMENTS:**

Bidders shall notify the Purchasing Department promptly of any error, omission, or inconsistency that may be discovered during examination of the bid documents. Requests from bidders for interpretation or clarification of the bid documents shall be made in writing to the Purchasing Department by

September 29, 2022 at 4:00 P.M. Palmer, Alaska time.

Any questions received after this date and time will not be answered. Questions should reference the applicable bid number and title and can be submitted by mail, fax, or e-mail to the following:

Mail: MSBSD Purchasing Department; 690 Cope Industrial Way; Palmer, AK 99645  
Fax: MSBSD Purchasing Department; (907) 861-5184  
E-mail: [bids@matsuk12.us](mailto:bids@matsuk12.us)

ROOF REPAIRS

BID #B23-02



**5. INTERPRETATION OR CORRECTION OF BID DOCUMENTS (CONT.):**

Interpretations, corrections, responses to questions, and changes of the Bid Documents will be made by addenda. Interpretations, corrections, responses to questions, and changes of the Bid Documents made in any other manner will not be binding on the MSBSD and bidders shall not rely on them. All addenda issued shall become part of the agreement documents. It is the bidder's sole responsibility to ascertain that they have received all addenda issued by the Purchasing Department. Each addendum will be issued by both fax machine and U.S. mail. All addenda will also be posted in the Purchasing section of the MSBSD website at [www.matsuk12.us/bids](http://www.matsuk12.us/bids). **All addenda must be acknowledged in the space provided on Appendix 1 or the bid may be deemed non-responsive.**

**6. PREPARATION AND SUBMISSION OF BIDS:**

A. Each bid must be signed in longhand by the bidder with their usual signature. Bids submitted by partnerships must be signed with the partnership name by one of the partners, followed by the signature and designation of the partner signing. Bids submitted by corporations must be signed with the legal name of the corporation, followed by the name of the state of incorporation, and the signature of the president, secretary, or other person authorized to bind in the matter. The full name and address of each person signing shall be typed or printed below the signature.

B. Bids shall be submitted on the forms furnished and must be manually signed. Bids must be submitted in a sealed envelope and addressed as indicated in Section 8 of this Instructions to Bidders.

C. Bids shall specify a price, typed or written in ink, for each bid item called for. Bids may be rejected if they show an omissions, alteration of the forms, additions not called for, conditional or alternate bids not called for, qualified bids, or irregularities of any kind.

D. Bidders shall bear all costs directly or indirectly related to preparing a bid, preparing presentations or supplements, and/or clarifying a bid as may be required by the MSBSD in response to this solicitation.

**7. SUBMITTAL REQUIREMENTS:**

All of the following must be included with the bid or the bid may be considered non-responsive and be rejected:

A. Invitation to Bid signature page, signed by responsible party.

B. Bid Form, fully executed and signed.

C. Appendix 1, Addendum Acknowledgement, fully executed and signed.

D. Appendix 2, Non-Collusion Certificate, fully executed and signed.

E. Evidence of Insurance, as required in the Invitation to Bid and Appendix 3, will be required prior to an award to the successful bidder.

F. Appendix 4, Vendor Paperwork, fully executed.

G. Appendix 5, Proposed Subcontractors and Suppliers List, fully executed (if applicable)

H. Copies of Alaska Business License and all other licenses, certificates, or permits required by city, borough, state, and federal law as applicable.

I. Any additional submittal requirements per Attachment A: Scope of Services.

**8. BIDS:**

A. Signed bids **MUST** be in the MSBSD Purchasing Department office on or before

October 14, 2022 at 2:00 P.M. Palmer, Alaska time.

B. It is the responsibility of all bidders to ensure that their bids and associated documents are in the office of the Purchasing Department prior to the date and time designated for receipt of bids. Bids **MUST** be in **SEALED** envelopes clearly marked as follows:

Bid Number: BID #B23-02

Bid Title: ROOF REPAIRS

Due: October 14, 2022 at 2:00 P.M.

ROOF REPAIRS

BID #B23-02



**8. BIDS (CONT.):**

C. Bidders are cautioned that mailed bids which arrive after the date time designated for receipt of bids will not be opened or considered. Bidders are further cautioned not to rely on the U.S. Postal System or any other second party for timely delivery of their bid. It is the bidder's sole responsibility to ensure that their bid and associated documents are in the physical possession of the Purchasing Department prior to the date and time scheduled for receipt of bids.

D. All bids shall be submitted on the attached bid forms in the spaces indicated and must comply with these instructions. The bid must be completed and signed by an authorized representative of the firm submitting the bid.

E. Scheduled bid openings are open to the public and are located in the Purchasing Department.

**9. WITHDRAWAL FROM CONSIDERATION:**

Bids may be withdrawn upon written request delivered to the MSBSD Purchasing Department on or before the date and time designated for receipt of bids. However, no bidder shall withdraw or cancel their bid for a period of ninety (90) calendar days prior to the date and time designated for receipt of bids, nor shall the selected bidder withdraw, cancel or modify their bid after having been notified by the Purchasing Department that said bid has been accepted by the MSBSD.

**10. MODIFICATION OF BIDS:**

Prior to the date and time designated for receipt of bids, a bid may be modified or withdrawn by notice to the MSBSD at the place designated for receipt of bids. Such notice shall be in writing over the signature of the bidder. That notice shall be date and time stamped by the MSBSD on or before the date and time designated for receipt of bids. A modification must not reveal the amount of the original bid. A bid bond, if required, shall be in an amount sufficient for the bid as modified.

**11. AWARD OF CONTRACT:**

A. The MSBSD will award a contract to the lowest responsive and responsible bidder. This bid will be awarded on the basis defined in Attachment A, Scope of Services.

B. The MSBSD, as it deems appropriate, shall have the right to reject any and all bids. Bids may be rejected if they do not include a required bid bond or other data required by the bid documents. All responsive bids may be rejected if the MSBSD, in its sole judgment, considers them too costly.

C. The MSBSD has the right to accept Alternatives in any order or combination unless otherwise specifically provided in the Bid Documents, and to determine the low bidder on the basis of the sum of the Base Bid and Alternatives accepted.

D. In determining the lowest responsive and responsible bidder, the MSBSD may consider, in addition to price, at any point in the selection process, any of the following factors:

- I. The ability, capacity, and skill of the bidder to perform the contract.
- II. Whether the bidder can perform the contract within the time specified without delay or interference.
- III. The character, integrity, judgment, experience, and efficiency of the bidder.
- IV. The quality of performance by the bidder on previous contracts of a similar nature.
- V. Whether the bidder is in arrears on any existing contract with the MSBSD or is in litigation, arbitration, or other legal dispute with the MSBSD.
- VI. Previous compliance by the bidder with laws and regulations relating to the contract.
- VII. The number and scope of conditions attached to the bid.
- VIII. The number and scope of minor variations contained in the bid.
- IX. If the contract is one which will require future maintenance or repairs, the availability of replacements, replacement parts, and maintenance service for any machinery, equipment, or other material proposed to be installed or supplied by the bidder.
- X. The quality, availability, and adaptability of the supplier, equipment, or contractual services to the particular use required.
- XI. Whether the bidder is prepared to furnish supplies, equipment, or contractual services which meet the specifications of the MSBSD.

E. The MSBSD reserves the right to make award within a ninety (90) calendar day award period from the date the bids are opened. Bids submitted must be firm for the award period and the contracted service period.

**12. AVAILABILITY OF FUNDS:**

A. The MSBSD reserves the right, at its sole discretion, to cancel this Invitation to Bid or any part thereof, at any time, prior to an award of contract issued under this Invitation to Bid.

ROOF REPAIRS

BID #B23-02



**12. AVAILABILITY OF FUNDS (CONT.):**

B. Awards are contingent upon the appropriation of MSBSD budget funds.

**13. REQUEST FOR ADDITIONAL INFORMATION:**

A. The MSBSD reserves the right to request current audited financial statements; qualifications of management personnel, including project manager or field supervisors performance references; or other information deemed relevant at any time prior to bid award. Bidder agrees to provide such requested information within three (3) business days of the request.

B. Prior to the final selection, bidders may be required to submit additional information, which the MSBSD may deem necessary to further evaluate the bids.

C. The MSBSD reserves the right to make investigations of the qualifications of the bidder as it deems appropriate, including but not limited to a background investigation conducted by proper authorities.

**14. PUBLIC RECORDS CLAUSE:**

This Invitation to Bid and the resulting bids received, together with copies of all documents pertaining to the award of a contract, will be kept by the Purchasing Department and made a part of the record which will be open to public inspection, unless restricted by the bidder and School Board Policy, once the Notice of Intent to Award has been issued. If a bid contains any information which is proprietary or confidential, each page of the confidential information must be clearly marked with a diagonal watermark that reads "CONFIDENTIAL"; such information will be kept confidential if appropriate and will not be released to the public. The MSBSD is not responsible for the release of any documents not marked in this manner. A confidential watermark is required. The bid tabulation sheet shall be open to public inspection as soon as practicable after the Notice of Intent to Award has been issued.

**15. PROTEST OF AWARD:**

The MSBSD has a process in place for an unsuccessful bidder to submit a written protest, requesting a review of the bid award.

A. An unsuccessful bidder must submit its protest within 

three (3)
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 days of the date of the Notice of Intent to Award issued by the MSBSD's Purchasing Department.

B. The protest must be made in writing, delivered to the same location as the original bid, and must set forth in detail the reason(s) for the protest, with specific reference to the relevant provision of the Bid Documents.

C. Upon receipt of the protest, the Purchasing Department shall schedule an informal hearing to include the successful bidder, the protesting bidder, the Assistant Superintendent of Business and Operations, and a representative of the Purchasing Department. At such time, the bidder making protest can express his/her concerns with said award.

D. Following the informal hearing, the Assistant Superintendent of Business and Operations will send the MSBSD's decision on the protest to all involved parties.

E. If the contract award for the proposed project is required to be approved by the MSBSD School Board, the involved parties will be notified of the date and time of the applicable School Board meeting.

**16. CONTRACT:**

The contract between the MSBSD and the bidder shall consist of (1) the Invitation to Bid and any attachments and/or amendments and/or addenda thereto; (2) the bid submitted by the bidder in response to the Invitation to Bid; and (3) the actual written agreement or contract. In the event of a conflict in language between the documents referenced above, the provisions and requirements set forth and/or referenced in the bid documents shall govern.

**17. INSURANCE:**

It is specifically agreed between the parties executing this agreement that it is not intended by any of the provisions of this agreement to create in the public or any member thereof a third-party benefit hereunder, or to authorize anyone not a party to this agreement to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this agreement. The successful bidder shall procure and maintain minimum insurance requirements and shall provide all required documentation as per attached Appendix 3 to the MSBSD upon award of this agreement. Failure to furnish proper evidence of insurance, or the lapse of insurance required under the provisions of this agreement, may be grounds for termination. The duties required under this subsection shall survive the termination expiration of this agreement. **It is highly recommended that the**



**17. INSURANCE (CONT.):**

**bidders confer with their respective insurance companies or brokers to determine if their insurance program complies with the MSBSD's insurance requirements, as per attached Appendix 3.**

**18. LICENSES:**

All individuals or businesses conducting business within the State of Alaska and within the Matanuska-Susitna Borough are hereby advised that they must obtain both a State of Alaska and a Matanuska-Susitna Borough business license. For information on how to obtain the appropriate business license or see if any exemptions may apply, please visit the following websites.

State of Alaska:

<https://www.commerce.alaska.gov/web/cpbl/BusinessLicensing/BusinessLicensingFormsFees.aspx>

Matanuska-Susitna Borough

<http://www.matsugov.us/business-licenses>

**19. INVOICES AND METHOD OF PAYMENT:**

Billings for services must be verified by a responsible representative of the MSBSD before payment can be made. Payments shall be made to the bidder within thirty (30) calendar days after the MSBSD receives and approves a written request for payment or invoice. The request for payment or invoice may be submitted to the MSBSD, Attn: Accounting Department, 501 N. Gulkana St., Palmer, AK 99645, or invoices can be e-mailed to [accounting@matsuk12.us](mailto:accounting@matsuk12.us).

**20. FEDERAL EXCISE TAXES:**

The MSBSD is exempt from Federal Excise Taxes. An Exemption Certificate will be furnished upon request.

**21. MODIFICATIONS:**

The MSBSD may, from time to time, require modifications in the scope of services to be performed under this agreement. However, it is expressly understood that this agreement shall not under any circumstances be modified without written authorization from the MSBSD. All modifications in the terms of this agreement, to include adding additional schools or sites, shall be incorporated by written amendments to this agreement executed by both parties.

**22. INDEMNIFICATION:**

A. Any and all employees of the bidder and other persons, while engaged in the performance of any work or services required by the bidder under this agreement, shall not be considered employees of the MSBSD.

B. Each party shall indemnify, defend, and hold the other party harmless from and against any claim of, or liability for, negligent acts, errors, and omissions of the other party under this agreement. However, a party is not required to indemnify, defend, or hold the other party harmless for a claim of, or liability for, the independent negligent acts, errors, and omissions of the other party. If there is a claim of, or liability for, a joint negligent act, error, or omission of both parties, the indemnification, defense, and hold harmless obligations of this provision shall be apportioned on a comparative fault basis. This indemnification shall survive the expiration or termination of this Agreement.

**23. PROTECTION OF EQUIPMENT AND PROPERTY:**

The bidder assumes full responsibility for and shall indemnify the MSBSD for any loss or damage to any MSBSD property resulting in whole or in part from the acts or omissions of the bidders, or any employee, agent or representative of the bidder.

**24. BIDDER'S PERSONNEL REQUIREMENTS:**

The MSBSD may, by serving written notice, require the bidder to promptly remove from the site of work any employee or worker the MSBSD deems incompetent, careless, or otherwise objectionable including, but not limited to, violation of MSBSD policies relating to alcohol, illegal drugs or firearms on MSBSD property.

**25. EQUAL EMPLOYMENT OPPORTUNITY:**

Bidders, in submitting bids, certify that if awarded a contract under this Invitation to Bid, they will not discriminate against any employee or applicant for employment because of race, color, religion, gender, age, national or ethnic origin, disability, marital status, change in marital status, pregnancy, parenthood, or any other basis prohibited by Alaska state or federal laws. The bidder will take affirmative action to ensure non-discrimination. Such action shall include but not be limited to the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The bidder agrees to post in a conspicuous place, available to employees and applicants for employment, notices setting forth the provision of this non-discrimination clause.





**26. DRUG, TOBACCO, AND ALCOHOL-FREE WORKPLACE:**

The selected bidder agrees to comply with MSBSD School Board Policy (BP) 4020, Drug, Tobacco and Alcohol-Free Workplace. This policy states, in part: "In the interest of the health and safety of students and employees, it is a violation of this policy for students, staff, parents, visitors, contractors and all others to use, distribute or sell tobacco, any non-FDA-approved tobacco or nicotine delivery products or devices including but not limited to, cigarettes, cigars, dip, hookah pens, e-cigarettes, and dissolvable nicotine products on District premises, at school-sponsored activities on or off District premises and in District-owned, rented or leased vehicles."

**27. CODE OF ETHICS:**

A. The selected bidder shall comply with MSBSD School Board Policy BP 4119.21, Code of Ethics.

B. The selected bidder shall also comply with BP 3515.7, Restrictions on Sex Offenders on Campus. This policy states, in part: "To protect the morals, health, and safety of students, it is the policy of the district to deny entrance onto the premises of any district school or any building used for school activities to registered sex offenders or persons required to register under the sex offender registration act of whom the district has knowledge."

C. The selected bidder shall take affirmative action to ensure that no contractor, employee, or subcontractor who will be working on MSBSD property has a criminal record of any conviction for child abuse or assault, be on the State of Alaska or any State Sexual Offender Registry, or has been convicted of a crime of moral turpitude. Any waiver of this section must be in writing, signed by the District's Superintendent. The MSBSD has the right to verify such records at any time during the life of the contract.

**28. OCCUPATIONAL SAFETY AND HEALTH WARRANTY:**

If awarded the agreement, the bidder warrants that the products sold or services rendered shall conform to the standards and/or regulations promulgated by the U.S. Department of Labor under the Occupational Safety and Health Act of 1970 (29 U.S.C. 651, OL 91-596) and all amendments thereto. In the event the product sold does not conform to the OSHA standards and/or regulations, the MSBSD may return the product for correction or replacement at bidder's option and at bidder's expense. Services performed by the bidder which do not conform to OSHA standards and/or regulations must be corrected by bidder at bidder's expense or by the MSBSD at bidder's expense in the event bidder fails to make the appropriate correction within a reasonable time.

**29. COMPLIANCE:**

A. The selected bidder shall comply with all state, federal and local laws, regulations or orders applicable to the purchase, manufacture, processing and delivery of the service.

B. General Conditions:

I. General Statement: The following conditions shall be followed by the selected bidder. These conditions shall be adhered to, relative to any project for which the selected bidder provides services. The MSBSD reserves the right to delete or alter the following terms and conditions or to add additional terms and conditions at its discretion. The selected bidder shall perform services and otherwise comply with all conditions as set forth in this Invitation to Bid including all attachments and appendices hereto and all additional requirements identified in the bid documents.

II. Governing Laws: The agreement shall be governed as to performance and interpretation in accordance with the laws of the State of Alaska.

III. Compliance with All Laws: The bidder shall comply with all applicable laws, ordinances, executive orders and regulations of the federal, state, and local government, which may in any manner affect the performance of the agreement and all applicable MSBSD policies, rules and procedures.

IV. Relationship of All Parties: It is expressly understood and agreed by the bidder and the MSBSD that the bidder's relationship to the MSBSD is that of an independent contractor.

**30. CONFLICT OF INTEREST:**

A. The contracting party expressly represents that the contract is not contrary to MSBSD School Board Policy BP 2300, Conflict of Interest and that the contracting party has read and understands BP 2300. If this representation is false, the Superintendent may terminate the contract without regard to partial performance and in the event of such a termination, the MSBSD will have no further liability or obligation to the contracting party.

B. Any employee and/or employee with immediate family members that may have a financial interest in the contract must file an annual BP 2300, Conflict of Interest Affidavit with MSBSD. The following definitions apply to this policy: Immediate family member means an employee's grandparent, parent, child, grandchild, brother, sister, spouse, child of a spouse, or regular member of the employee's household.



**31. ASSIGNMENTS AND SUBCONTRACTORS:**

A. The bidder shall not sell, assign, transfer, or convey any contract resulting from this bid, in whole or in part, without the prior written consent of the MSBSD.

B. The bidder shall ensure that subcontractors are appropriately licensed, insured and bonded, and qualified to meet all of the requirements of this Invitation to Bid. If a bid with subcontractors is selected, the bidder must provide the following information concerning each prospective subcontractor within five (5) working days of the written request by the MSBSD:

- The complete name and address of the subcontractor;
- The type and percentage of work the subcontractor will perform;
- Certificate of Insurance
- Other requested information relevant to the qualifications of the subcontractor.

C. Sub-contractors must comply with all licensing, indemnity, insurance limits, and insurance requirements imposed on the bidder.

**32. TERMINATION FOR CAUSE:**

A. If, through any cause, the bidder shall fail to fulfill in a timely and proper manner their obligation under this agreement, or if the bidder shall violate any of the covenants, agreements, or stipulations of any awarded contract, the MSBSD shall thereupon have the right to terminate this agreement by serving written notice to the bidder of such termination and specifying the effective date thereof, at least 30 (thirty) days before the effective date of such termination. However, if the MSBSD determines that the continuation of this agreement constitutes an imminent threat to the health and safety of its students and staff, this agreement may be terminated by the MSBSD effective immediately.

B. In the event it becomes necessary to terminate this agreement awarded as a result of this bid, regardless of the circumstances or time remaining on the contract, the bidder will be responsible for any and all expenses incurred by the MSBSD. These expenses can include, but are not limited to, cost of locating interim services, cost of re-issuing a bid, and any additional cost to the MSBSD by the new bidder greater than the current contract.

C. The bidder shall be entitled to receive just and equitable compensation for any satisfactory work completed in accordance with the payment provision as set forth under Section 18 of this bid document. Equitable compensation shall not exceed the amount reasonably billed for work actually done and expenses reasonably incurred. The MSBSD's contract administrator shall determine whether work completed is satisfactory.

**33. TERMINATION FOR CONVENIENCE OF THE MSBSD:**

A. The MSBSD may terminate any awarded contract or agreement at any time by serving written notice to the bidder of such termination and specifying the effective date of such termination at least 30 (thirty) days prior to the effective date of termination.

B. Upon termination of any awarded contract or agreement, the MSBSD shall pay the bidder any payments due at that time.

**34. FAILURE OF FUNDING:**

A. The MSBSD shall be excused from performance under the contract if funding is not appropriated.

B. The MSBSD may reduce the scope and amount of services provided under the contract to counteract a funding shortfall.



## **ATTACHMENT A:** **SCOPE OF SERVICES**

### **1. SCOPE**

The Matanuska-Susitna Borough School District (MSBSD) is seeking bids from qualified contractors to repair roofs at various school throughout the MSBSD.

### **2. GENERAL INFORMATION**

A. All work will be completed in a workmanlike manner according to standard practices. The contractor is responsible for removal of debris and jobsite cleanup.

B. Any alteration or deviation from written specifications involving extra costs shall only be executed upon a written change order signed by both the contractor and the MSBSD. Each written notice of changed conditions shall be clearly identified as such and shall include an estimate of the cost and the contract time impact of the alleged changed condition.

C. Work will be performed while school is in session (see Appendix 7, School Calendar). The contractor should make reasonable precautions to protect the work area, so classes are disrupted as little as possible. Work during nights, evenings and holiday breaks is encouraged.

D. Contractor must provide a minimum one (1) year warranty on work.

### **3. FLASHING**

A. Areas of flashing along the wall to sidewalk transition shall be removed and replaced.

B. All exposed concrete must be cleaned and prepped before the new flashing is installed.

C. Debris including but not limited to moss and mildew must be removed and dried prior to flashing install.

D. The slab to wall transition shall be filled with backer rod and sealant of NP1, Sikaflex, or equivalent to ensure that a minimum 3/8" to a max 3/4" joint thickness is obtained.

### **4. WALKWAYS**

A. All Concrete, damaged membrane, and rigid insulation cover removed and replaced with new.

B. Remove and replace ALL waterproofing membrane, flashing, insulation, and pour all new concrete sidewalks with mesh reinforcement.

C. Thickness to be 4" minimum and contractor to provide any control joint board and saw cuts needed for expansion.

D. Walkways to be broom finish and match existing.

E. New insulation to be R-Tech Poly Faced R-11.5 rigid insulation. New membrane to be fully reinforced 60 Mill EPDM roofing. All seams will need to be adhered per roof membrane manufactures recommendations.

### **5. INTERIOR REPAIRS**

The contractor is responsible for repairing ceiling tile, drywall, and items damaged by the roof leaks. For bidding purposes plan on replacing of 12 (twelve) each 2x4 ceiling tiles and 50 sf of Gypsum Wall Board GWB replacement to include drywall, taping, finish, and paint per school.

### **6. GUTTERS**

A. All gutters shall be cleaned of silt and leaf build up.





- B. Remove the roofing and membrane to expose the gutter and roof sheathing.
- C. Repair or replace damaged sheathing, install new gutter and membrane as outlined in Appendix 6, Leak Assessment.

**7. ADDITIVE ALTERNATES**

Additive alternates listed in the bid form may or may not be included in the contract. Please provide separate pricing for each alternate as listed on Attachment C: Bid Form.

**8. CONTRACT AWARD**

The MSBSD will recommend award of a contract to the lowest responsive and responsible bidder for the base bid plus any alternates selected. Pricing must be included for all lines, or the bid may be considered non-responsive.

**9. CONTRACT TERM**

The term of any contract(s) resulting from this solicitation shall begin October 26, 2022 and run through August 31, 2023.

**10. CONTRACT MANAGEMENT**

At the commencement of any resulting contract, the MSBSD and the successful bidder shall each designate a contract administrator. Such persons shall be the respective party's single point of contact for purposes of management of the contract. The bidder's contract administrator shall assume responsibility for the coordination of all contract issues under the contract.



**ATTACHMENT B:  
SPECIAL CONDITIONS FOR CONSTRUCTION  
BIDS**

**1. GENERAL INFORMATION:**

The following special conditions apply to bids and contracts of a construction nature.

**2. CONTRACT MANAGEMENT:**

At the commencement of the resulting contract, the MSBSD and the successful bidder shall each designate a project manager. Such person shall be the respective party's single point of contact for purposes of management of the contract. The bidder's project manager shall assume responsibility for the coordination of all contract issues under the contract.

**3. BONDS OF CONTRACTORS FOR PUBLIC BUILDING OR WORKS:**

In certain circumstances, Alaska Statute AS 36.25.010 requires contractors to furnish to the state or a political subdivision of the state certain bonds, which become binding upon the award of the contract. If required, the successful bidder shall furnish a performance and payment bond in the full amount of the contract and shall maintain the bond in force during the duration of the contract. The bond shall be for the faithful performance of this contract in all respects including, but not limited to, payments for all materials and labor. All alterations, extensions of time, additional work, and other changes authorized by the contract documents may be made without securing the consent of the surety of sureties. The bond shall be with a corporate surety authorized to do business in Alaska, having an A.M. Best rating of B+7 or higher, and acceptable to the MSBSD. A Power of Attorney for the person signing the bond for the surety must be submitted with the bond.

**4. WAGE RATES (STATE OF ALASKA PREVAILING WAGE SCALE AND ALASKA HIRE):**

Attention of bidders is particularly called to the requirements of conditions of employment to be observed and minimum wage rates to be paid under the contract. The requirements of Alaska's Little Davis Bacon Act (AS 36.050.010) are applicable to this project. All work performed "on-site" is covered and subject to the provisions of this act. Each bidder must inform themselves fully of the conditions relating to the construction of the project and the employment of labor thereon and adhere to those conditions. Failure to do so will not relieve a successful bidder of their obligation to furnish all material and labor necessary to carry out the provisions of the contract. The State of Alaska, Department of Labor, Wage and Hour Administration Pamphlet No. 600 is available online at <http://labor.alaska.gov/lss/pamp600.htm>. Laborers' and Mechanics' minimum rates of pay are updated April 1 and September 1 of each year. It is the responsibility of the bidder to obtain the new labor wage and hour rates when available from the State of Alaska, Department of Labor, and to use the prevailing wage scale and hiring requirements when formulating their bid.

For the purposes of this Invitation to Bid, Issue # 45 , released September 1, 2022 will apply.

**5. LICENSES:**

In addition to the licenses required in section 18 of the Instructions to Bidders, all individuals or businesses contracting for construction work under Alaska's Little Davis Bacon Act (AS 36.050.010) are hereby advised that they must obtain a contractor's license. For information on how to obtain the appropriate license or see if any exemptions may apply, please visit the following website: <https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/ConstructionContractors.aspx>.

**6. SUBCONTRACTORS:**

Refer to Section 31 of the Instructions to Bidders, entitled "Assignments and Subcontractors", for the MSBSD's requirements regarding subcontractors.

**7. CONTRACTOR PERSONNEL:**

The personnel identified or described in the bidder's proposal shall perform the services provided for the MSBSD under any resulting contract. The bidder agrees that any personnel substituted during the term of the contract must be able to conduct the required work to industry standards and be equally or better qualified than the personnel originally assigned. The MSBSD reserves the right to approve personnel assigned to work under the contract, and any changes or substitutions to such personnel. The MSBSD's approval of a substitution will not be unreasonably withheld. Any such approval or disapproval shall not relieve the bidder from its obligations under the contract. In the event that personnel become unavailable, it will be the bidder's responsibility to provide an equally qualified replacement in time to avoid delays to the work.



## **8. MEETINGS AND NOTIFICATIONS:**

A. Technical or Contractual Problems: The bidder will be required to meet with the MSBSD's personnel, or designated representatives, to resolve technical or contractual problems that may occur during the term of the contract, at no additional cost to the MSBSD. Meetings will occur as problems arise and will be coordinated by the MSBSD. Failure to participate in problem resolution meetings or failure to make a good faith effort to resolve problems may result in termination of the contract.

B. Progress Meetings: During the term of the contract, the MSBSD's project manager will plan and schedule Project Status Meetings with the successful bidder to discuss the progress made by the bidder and the MSBSD in the performance of their respective obligations under the contract. Project managers for all subcontractors who are then performing work on the project or whose work affects the status of the project shall participate in person or by telephone conference in the Project Status Meeting. At each such meeting, the successful bidder shall provide the MSBSD with a written status report that identifies project status including all work completed and milestones completed, issue tracking/resolution including projected schedule to resolve issues, change management, any problem or circumstance encountered by bidder, or of which bidder gained knowledge during the period since the last such status report, which may prevent bidder from completing any of its obligations as required or that may generate charges in excess of those previously agreed to by the parties. The successful bidder shall identify the amount of excess charges, if any, and the cause of any identified problem or circumstance and the steps taken to remedy the same. Either party also may request additional Progress Status meetings. Upon two (2) business days' prior telephone, e-mail, or written notice from a party, the other party shall use good faith efforts to make itself available for any meetings during business hours reasonably requested by the other party. The successful bidder's subcontractors shall make good faith efforts to attend such meetings if requested by the MSBSD.

C. Failure to Notify: In the event successful bidder fails to specify in writing any problem or circumstance with respect to the period during the term covered by bidder's status report, it shall be conclusively presumed for purposes of the resulting contract that no such problem or circumstance arose during such period, and the bidder shall not be entitled to rely upon such problem or circumstance as a purported justification for either claiming it is entitled to receive any amount (including without limitation damages or additional charges arising out of a breach by the MSBSD of any MSBSD obligation) with respect to any of bidder's obligations under the contract in excess of those previously agreed to; or failing to complete any of bidder's obligations. Submission by the successful bidder of the status reports shall not alter, amend or modify the bidder's or the MSBSD's rights or obligations pursuant to any provision of the resulting contract.

D. MSBSD's Failure or Delay: For a problem or circumstance identified in the bidder's status report, which the bidder claims was the result of the MSBSD's failure or delay in discharging any MSBSD obligation, the MSBSD shall review and determine if such problem or circumstance was in fact the result of such alleged failure or delay. If the MSBSD agrees as to the cause of such problem or circumstance, then the parties shall extend any deadlines or due dates affected thereby, and provide for any additional charges by the bidder. If the MSBSD does not agree as to the cause of such problem or circumstance, the parties shall each attempt to resolve the problem or circumstance in a manner satisfactory to both parties.



**ATTACHMENT C:**  
**BID FORM**

The undersigned hereby proposes to furnish all services, including labor, supplies, and supervision necessary to repair roofs for the MSBSD in full accordance with the bidding documents.

**The MSBSD will recommend award to the lowest responsive and responsible bidder. Award will be based on the lowest base bid price.**

Company: \_\_\_\_\_

Printed Name

Date: \_\_\_\_\_

Contractor: \_\_\_\_\_

Signature

**BASE BID:**

<b>Bid Item No.</b>	<b>Bid Item</b>	<b>Unit Price</b>
1.	Floor/Entry Slab Leak Repairs at Goose Bay Elementary School (both entries)	\$ _____
2.	Floor/Entry Slab Leak Repairs at Larson Elementary School (both entries)	\$ _____
Total Bid Price:		\$ _____

**ADDITIVE ALTERNATE:**

<b>Bid Item No.</b>	<b>Bid Item</b>	<b>Unit Price</b>
1.	Front Admin Wing Roof Gutter Repairs at Shaw Elementary School	\$ _____
2.	Floor/Entry Slab Leak Repairs at Finger Lake Elementary (both entries)	\$ _____
3.	Floor/Entry Slab Leak Repairs at Tanaina Elementary School (both entries)	\$ _____
4.	Front Admin Wing Roof Gutter Repairs at Larson Elementary School	\$ _____
Total Bid Price with Alternates:		\$ _____



## **APPENDIX 1:** **ADDENDUM ACKNOWLEDGEMENT**

Please sign below to acknowledge receipt of all addenda. Return this form with your bid packet. Failure to acknowledge receipt of addenda may result in a determination of your proposal as non-responsive.

If no addenda have been issued, please indicate "NONE" below.

Addendum No.	Receipt Acknowledged (Signature)	Date
_____	_____	_____
_____	_____	_____
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_____	_____	_____



**APPENDIX 2:**  
**NON-COLLUSION CERTIFICATE**

The bidder certifies that:

1. The prices in this offer have been arrived at independently and neither the bidder nor any representatives of the bidder has in any way colluded, conspired, connived, or agreed, directly or indirectly, with any other bidder, firm, or person relating to:
  - Those prices;
  - The intention to submit an offer; or
  - The methods or factors used to calculate the prices offered.
2. The prices in this offer have not and will not be knowingly disclosed by the bidder, directly or indirectly, to any other bidder or competitor before contract award unless otherwise required by law.
3. No attempt has been made or will be made by the bidder to induce any other concern to submit or not to submit an offer for the purpose of restricting competition.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Date



**APPENDIX 3:**  
**INSURANCE REQUIREMENT FOR CONTRACTORS**

**It is highly recommended that contractors and subcontractors confer with their respective insurance companies or brokers to determine if their insurance program complies with the Matanuska-Susitna Borough School District's (MSBSD) insurance requirements.**

The contractor and subcontractors shall procure and maintain in force at all times during the term of this agreement, and at its own cost, the following insurance policies required hereunder. Failure to furnish proper evidence of insurance, or the lapse of insurance required under the provisions of the contract, may be grounds for termination.

The insurance companies shall be rated no less than A-7 by AM Best rating service. MSBSD reserves the right to review and revise any of the following insurance requirements, based on insurance market conditions, availability or affordability of coverage, or changes within the scope of work that applies to this contract. In addition, the MSBSD reserves the right to reject any insurance policies that fail to meet the criteria listed within this section, or insurance carriers that are in poor financial condition or become in poor financial condition during the term of this contract.

The Policies of insurance required shall include the following:

**1. WORKERS' COMPENSATION INSURANCE:**

Workers' Compensation insurance in compliance with the laws of the State of Alaska, with Statutory Limits, and Employers' Liability insurance with a limit no less than \$500,000 Bodily Injury by Accident-Each Accident, \$500,000 Bodily Injury by Disease-Each Employee, \$500,000, Bodily Injury by Disease Policy Limit, and any other coverage that may apply to work performed by employees in this agreement and any project hereunder.

**2. COMMERCIAL GENERAL LIABILITY INSURANCE:**

Commercial General Liability insurance on an occurrence form with limits of liability not less than \$1,000,000 per occurrence bodily injury and property damage, \$1,000,000 personal and advertising injury, and \$2,000,000 aggregate. Coverage shall include the following extensions: A) Contractual Liability; B) Premises/Operations; and C) Products/Completed Operations.

**3. EXCESS LIABILITY INSURANCE:**

Contractors and subcontractors shall procure and maintain during the life of this agreement, Excess Liability insurance with a limit of liability not less than \$1,000,000 per occurrence or claim, and \$1,000,000 policy aggregate.

**4. BUSINESS AUTOMOBILE / MOTOR VEHICLE LIABILITY:**

The contractors and subcontractors shall procure and maintain during the life of this agreement, Motor Vehicle Liability Insurance with limits of liability of not less than \$1,000,000 per occurrence combined single limit bodily injury and property damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.

**5. ADDITIONAL INSURED:**

The following shall be listed as an Additional Insured on each policy listed except Workers' Compensation, Professional Liability, and Errors & Omissions: the Matanuska-Susitna Borough School District including all agents, assigns, subsidiaries, subcontractors, employees, and volunteers of the MSBSD.

**6. INDEMNIFICATION AND HOLD HARMLESS:**

Each party shall indemnify, defend, and hold the other party harmless from and against any claim of, or liability for, negligent acts, errors, and omissions of the other party under this agreement. However, a party is not required to indemnify, defend, or hold the other party harmless for a claim of, or liability for, the independent negligent acts, errors, and omissions of the other party. If there is a claim of, or liability for, a joint negligent act, error, or omission of both parties, the indemnification, defense, and hold harmless obligations of this provision shall be apportioned on a comparative fault basis. This indemnification shall survive the expiration or termination of this Agreement.

**7. CANCELLATION NOTICE:**

All insurance policies, as described above, shall include an endorsement stating the following: "thirty (30) days Advance Written Notice of Cancellation or Non-Renewal shall be sent to: MSBSD, Attn: Purchasing Department, 690 Cope Industrial Way, Palmer, AK 99645.



**8. WAIVER OF SUBROGATION:**

The insurer(s) shall agree to waive all rights of subrogation against the District, its Administrators, officers, officials, employees and volunteers for losses arising from work performed by the Contractor or any of its subcontractors for the District.

**9. CERTIFICATES OF INSURANCE:**

The contractors and subcontractors shall provide the MSBSD two (2) Certificates of Insurance and/or copies of policies acceptable to the MSBSD for the coverage's listed herein at the time the agreements are returned for execution.

**10. CONTINUATION OF COVERAGE:**

If any of the above coverage expires during the term of this agreement, the contractors and subcontractors shall deliver renewal certificates of insurance and/or policies to the MSBSD at least ten (10) days prior to the expiration date.

The duties required under this appendix shall survive the termination or expiration of this agreement.





## **APPENDIX 4:**

### **VENDOR PAPERWORK**

Please complete this form in its entirety. Any applicable supplemental documents can be attached as needed. A W-9, available at [www.irs.gov/uac/about-form-w9](http://www.irs.gov/uac/about-form-w9), must be submitted with this form or the application will be denied.

Please check one: ☐ New Vendor Application ☐ Vendor Update/Change

Vendor Legal Name  EIN or SSN

Operating Name (DBA)

Vendor Mailing Address

City, State, Zip Code

Vendor Remit-To Address

City, State, Zip Code

Vendor Contact Name

Contact E-mail Address  Phone #

Vendor Website URL  Fax #

Describe the services, materials, and/or equipment to be provided:

How long have you been in business providing these services, materials, and/or equipment? Describe any special instructions for shipping to Alaska:

Do you accept Purchase Orders (POs)? ☐ Yes ☐ No

How to you prefer to receive POs? Mail ☐ Email ☐ Fax

What is your preferred method of payment? ☐ EFT ☐ Check

Do you provide services to the public? ☐ Yes ☐ No

Do you have a current Business License? Do ☐ Yes ☐ No License #  State

you have a State of AK Business License? Do ☐ Yes ☐ No License #

you have a Mat-Su Business License? ☐ Yes ☐ No License #

Are you currently an MSBSD employee? ☐ Yes\* ☐ No \*Stop. Complete a Conflict of Interest Affidavit.

Are you related to an MSBSD employee? ☐ Yes\* ☐ No \*Stop. MSBSD employee must complete a Conflict of Interest Affidavit.

Do you have employees? ☐ Yes\* ☐ No \*Do you carry Worker's Compensation insurance? ☐ Yes ☐ No

Upon request, can you provide three (3) references from individuals/companies you have served? ☐ Yes ☐ No

<hr/> Authorized Agent Signature (Required)	<hr/> Date	<hr/> Printed Name and Title
<b>Purchasing Department Use Only:</b>		
W-9 Attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	Approved? Yes <input type="checkbox"/> No* <input type="checkbox"/>	Vendor # <input type="text"/>
Pre-Pay? <input type="checkbox"/> Yes <input type="checkbox"/> No	Approved/Denied By <input type="text"/>	
Sent to Acctg.: <input type="text"/>	*Reason for Denial <input type="text"/>	
	Alt. Vendor # <input type="text"/>	Alt. Vendor Name <input type="text"/>

ROOF REPAIRS

BID #B23-02



**APPENDIX 5:**  
**PROPOSED SUBCONTRACTORS AND SUPPLIERS LIST**

**NOTE:** Please return this with your bid, if applicable. Put an "X" in the right columns indicating if the company is a sub-contractor or a supplier.

#	ITEM	CONTRACTOR NAME, ADDRESS, & E-MAIL	SUB	SUP
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Date



**APPENDIX 6:**  
**PRE-BID SCHEDULE**

**SEPTEMBER 26, 2022**

We will meet at the front doors of each school site at the time indicated below. Purchasing and Facilities Personnel will be available to help field questions. All questions will be answered in writing and sent out as an addendum.

Please call the Purchasing Department at 907.861.5120 for general questions. For directions call the Facilities Department 907.864.2001

**September 26, 2022**

<b>School Location</b>	<b>Time of Visit</b>
Finger Lake Elementary School	8:00 am – 8:15 am
Shaw Elementary School	8:30 am – 8:45 am
Larson Elementary School	8:55 am – 9:15 am
Tanaina Elementary School	9:35 am – 9:50 am
Goose Bay Elementary School	10:25 am – 10:40 am





**MATANUSKA-SUSITNA BOROUGH SCHOOL DISTRICT**

**RAMP ELEMENTARY SCHOOLS  
ARCHITECTURAL LEAK ASSESSMENT**

**Wolf Architecture, Inc.**

625 South Cobb St.,  
Suite 200  
Palmer, AK  
907-746-6670

Contact: Jason Collins, AIA

March 22, 2021



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## 1. OBJECTIVES OF STUDY

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The objective of this study is to provide an architectural assessment for potential leak areas at the “ramp” Elementary Schools for the MSBSD. These schools consist of:

- Sherrod Elementary
- Finger Lake Elementary
- Larson Elementary
- Shaw Elementary
- Meadow Lakes Elementary
- Goose Bay Elementary
- Tanaina Elementary

The assessment at each school consists of the following:

1. **Roof Gutter Leak Assessment** – Water damage has been identified near and around the integral eave gutters in the standing seam roofs. The leaks are more common in the spring but the roofs do leak in the fall as well. This report will assess the most probable cause of the water damage and document any observable degradation caused by the water intrusion as part of this assessment.
2. **Exterior Wall Leak Assessment** - Water damage has been identified in the exterior walls near roof drains. This report will assess the cause of the damage and evaluate the existing condition as part of this assessment.
3. **Floor/Entry Slab Leak Assessment** – All the schools have experienced leaks from the upper floor to lower at the approaches to the upper level entries located over heated lower level hallways. This report will evaluate the most likely cause of the damage and document the damage caused by the water intrusion as part of this assessment.

The assessment/investigation was conducted with MSBSD maintenance personell employing the following methodologies:

- Non invasive techniques:
  - As-Built Drawing Review
  - Visual assessment of the facilities
  - Infrared Camera documentation
  - Moisture Content documentation

The information obtained from this investigation provided the basis for assessment and remedial action suggestions for repair and/or alternatives for repairs. The overall findings are presented in the Executive Summary with more detailed description of the findings under the respective section headings.

### Notes.

1. The study did not include any survey of hazardous materials or review of the MSBSD AHERRA reports.
2. The study did not include a review of ADA Americans with Disabilities Act standards or requirements.



## 2. EXECUTIVE SUMMARY

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### Investigation

Mat-Su Borough School District staff has noted that there have been repeated problems with leaks developing at the “ramp” Elementary Schools throughout the Borough. Each of the “ramp” Elementary Schools was visited and analyzed for the areas of leak concern. This consisted of visual review, infrared scans, and measuring moisture content. Because many of the areas of concern are concealed, we also studied the existing construction documents for potential areas of failure.

### Findings

The assessment at each school consists of the following:

1. **Roof Gutter Leak Assessment** – the integral eave gutters in the standing seam roofs are one area where the schools have developed leaks. The leaks are more common in the spring but the roofs do leak in the fall as well. The integral gutter has heat traced rain leaders but still has a tendency to fill with silt, leaves, and ice. The areas at ends or transitions tend to have more debris. The Library area is an area at the end of the gutter and has a leak issue in each of the schools. This area was filled with silt or ice in a number of the schools.
2. **Exterior Wall Leak Assessment** - Water damage has been identified in the exterior walls near roof drains. This occurs in almost all the ramp schools in the corner of the Library. It also occurs along the front Admin wall at Larson, Shaw, and Goosebay Elementary. Goosebay is better after they had some remediations to this area.
3. **Floor/Entry Slab Leak Assessment** – All the schools have experienced leaks from the upper floor to lower at the approaches to the upper level entries located over heated lower level hallways. These areas have an exposed concrete sidewalk above buried rigid insulation and a roof membrane over structural concrete roof deck. This assembly meets the walls in a few areas. Above grade, there is damaged or corroding flashing at the edges. The younger schools do not have as many leaks, potentially because the membrane is still within its standard lifespan. The leaks in these areas are very difficult to locate. The most likely path is a failure in the membrane, especially at the corners. The wall flashing also shows severe corrosion and damage.

The findings and extent of leak vary across the range of schools. Based on the variations, the age of school and snowfall depth seem to have the biggest impact on leakage. While all the schools have similar layout and construction, they all have different areas and varying degrees of leak issues.

### Recommendations and Replacement Options:

1. **Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the membrane up the roof. This is likely the most cost-effective repair. Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly.
2. **Exterior Wall Leak Assessment** – The repairs for this area vary based on the school. For most of the schools, the gutter leak repair helps to remove that as an area of failure. In addition, steel



- beam pockets in the masonry wall should be insulated. Roof Drains should be insulated with a vapor barrier wrap insulation (many are, but not all). Ventilation ductwork that exits the sidewall should be insulated for the first 10' from the exterior wall.
3. **Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane of flashing to membrane leaks. This is very difficult to confirm due to the sidewalk cover buildup over these areas. The exposed flashing is degraded or corroded in most cases.
    - a. **Flashing replacement:**  
Areas of flashing along the wall to sidewalk transition should be replaced.
    - b. **Test Case:**  
One of the older schools (Sherrod), should have the sidewalk and rigid insulation cover removed. The waterproofing membrane should be investigated and documented for condition and moisture content in the surrounding areas. The waterproofing membrane, flashing, insulation, and walking surface should then be replaced. This is suggested as a test case with one of the older schools as that seems to have had a membrane failure. This is a costly repair and so further investigation of the waterproofing membrane is warranted before providing this repair to all the schools.
  4. The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.

Due to the overall capital cost of all the recommendations, the work will likely have to be phased as funding is procured. The rough costs provided can help provide a road map for selected work at each school. This also allows for the “test case” noted above, which would investigate and find the best solution for the failing concrete slab at the Classroom wing Entries.

In addition, some recommendations have been indicated that may prove cost prohibitive. These items include roofing over all the internal gutters. The MSBSD will have to evaluate available funds and the level that they would like to pursue the fixes on these facilities.





### 3. EXISTING FACILITY LEAK ISSUE ASSESSMENT

---

The Matanuska-Susitna Borough School District has a number of “ramp” Elementary Schools throughout the district. The MSBSD “Ramp” Elementary Schools are a prototype school design. The buildings have a 1 story admin area with a 2 story classroom area. Joining the split level between the two parts is a ramp that becomes a central part of the school. This is where the “ramp” name reference comes from. These schools range in size but are approximately 60,000 square feet each.

- Sherrod Elementary
- Finger Lake Elementary
- Larson Elementary
- Shaw Elementary
- Goose Bay Elementary
- Meadow Lakes Elementary
- Tanaina Elementary

Wolf Architecture conducted site visits along with MSBSD Operations and Maintenance personnel on the following dates:

- Sherrod Elementary – October 22, 2021
- Finger Lake, Larson, and Shaw Elementary – November 15, 2021
- Goose Bay, Meadow Lakes, and Tanaina Elementary March 1, 2021

A visual assessment was conducted of the schools and specific detailed investigation was conducted at the areas of potential or recorded leak locations.

Information that was provided by the school district included the following:

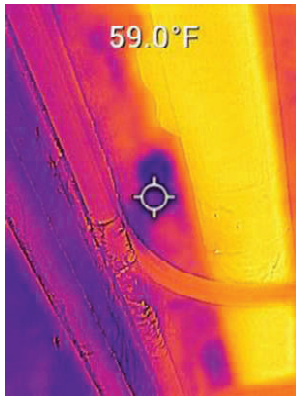
- Leak condition is worst in freeze/thaw (spring)
- Snow Guards have been added at some schools and seem to help
- Shaw – leak issue at inside face of wall, whole front/admin
- Larson, Shaw, and Goosebay - all have leak issues along front admin wall
- Goosebay is better after they had the roof pulled back, extended the membrane, added snow guards. (Before this, it was similar to Shaw and leaked all along front.)
- Finger lake – leaking behind membrane at gutter
- Tanaina and Goosebay – lower back entry issue
  - Older schools (Finger lake is an older too but doesn’t have this issue as bad.)
  - Potential membrane failure?
- Meadow Lakes – not much issues
- All, Library - All leak at library corner/joint
- Shaw – last week of February had a leak in the SE Classroom outer wall. This was during a 40F thaw event. A fine crack was found in the gutter and repaired with spray applied sealant. Gutters and downspouts were actively flowing at that time.

These notes from MSBSD O&M helped inform the areas of investigation and recommended renovations or upgrades.

This investigation reviewed the areas of concern for leaks at the listed elementary school facilities.

### Moisture Content

The moisture meter is a pinless surface moisture content measuring device. It utilizes settings for different types of materials including masonry, hardwood and softwood. The assembly of the walls and the results of the moisture meter are indicated for each school area below. The results of the interior testing indicate some areas of excessive moisture content. These areas and the measurements taken are indicated in each school report section.



### Infrared Photographs

The infrared camera takes photos of an area and overlays the heat signature of the materials within the frame of the photo. The temperature reads across a range of cold (dark purple) to warm (bright yellow/white). The temperature reading is relative to the temperatures within the area of the frame. So yellow in one photo may read 65F while in another it may read 125F.

The infrared photography is used to find areas of thermal transfer. This can indicate leaks, thermal material transfers, and air leakage. In some cases of wall cavities, insulation damaged by water can also be indicated. Damaged insulation does not perform as well and will show up as a dark spot within the photos.

### Reports

The findings for each school are indicated separately in the pages that follow. Each includes a reference plan, findings, recommendations, and photos. At the end of the report is a separate rough cost estimate provided for the recommended improvements.



### **SHERROD ELEMENTARY**

Conditions at Sherrod Elementary site visit on 10/22/2021.

Weather 10:30am, overcast, F. Had snowed and partially melted the day before.

The following were areas of investigation or had been mentioned as areas of previous leaks:

- A.** Overall – it was noted by MSBSD O&M that this school has had a number of problem areas, mostly around the entryways.
- B.** Gutters – the gutters contained a lot of silt. 1”+ was typical with fully filled gutter at Library wall interface (this area leaks at many of the schools).
  - Water was frozen in and on top of silt in gutters.
  - Heat trace was on, registered at 35F.
  - Roof area near Library wall joint was clear of snow and dry. Shows up warmer on roof and wall.
- C.** Principal’s Office
  - Dry, no water staining or leak issues
  - 45% moisture content at CMU, above and below ceiling
  - 3-8% moisture content at drywall
  - Plenum – no major hot spots from piping, ductwork, etc
  - Top of CMU wall a bit cooler, but not enough difference or temperature to cause condensation
- D.** Entrance, lower NE, lower SE similar
  - Dry, no water staining or leak issues
  - 39% moisture content at CMU above ceiling, 44% below
  - 4% moisture content at drywall
  - Plenum – some hot spots at piping valves. Plenum definitely warm with Cabinet Unit Heater running.
- E.** Entrance, upper SE at landing above
  - Wall/roof joint – flashing is damaged and rusting
  - Concrete paving – some cracking, especially at edges. Some pitted areas
  - Is the membrane failing at wall/roof joint at older schools?
  - Is there a way to fix without pulling up paving and redoing membrane? Tony mentioned trying to put membrane run up the wall down to on top of paving?
  - Try a solution at one of the schools with the most failure. If we are going to have to remove the paving and replace membrane, it would be good to test one and verify where and how the failure occurred.

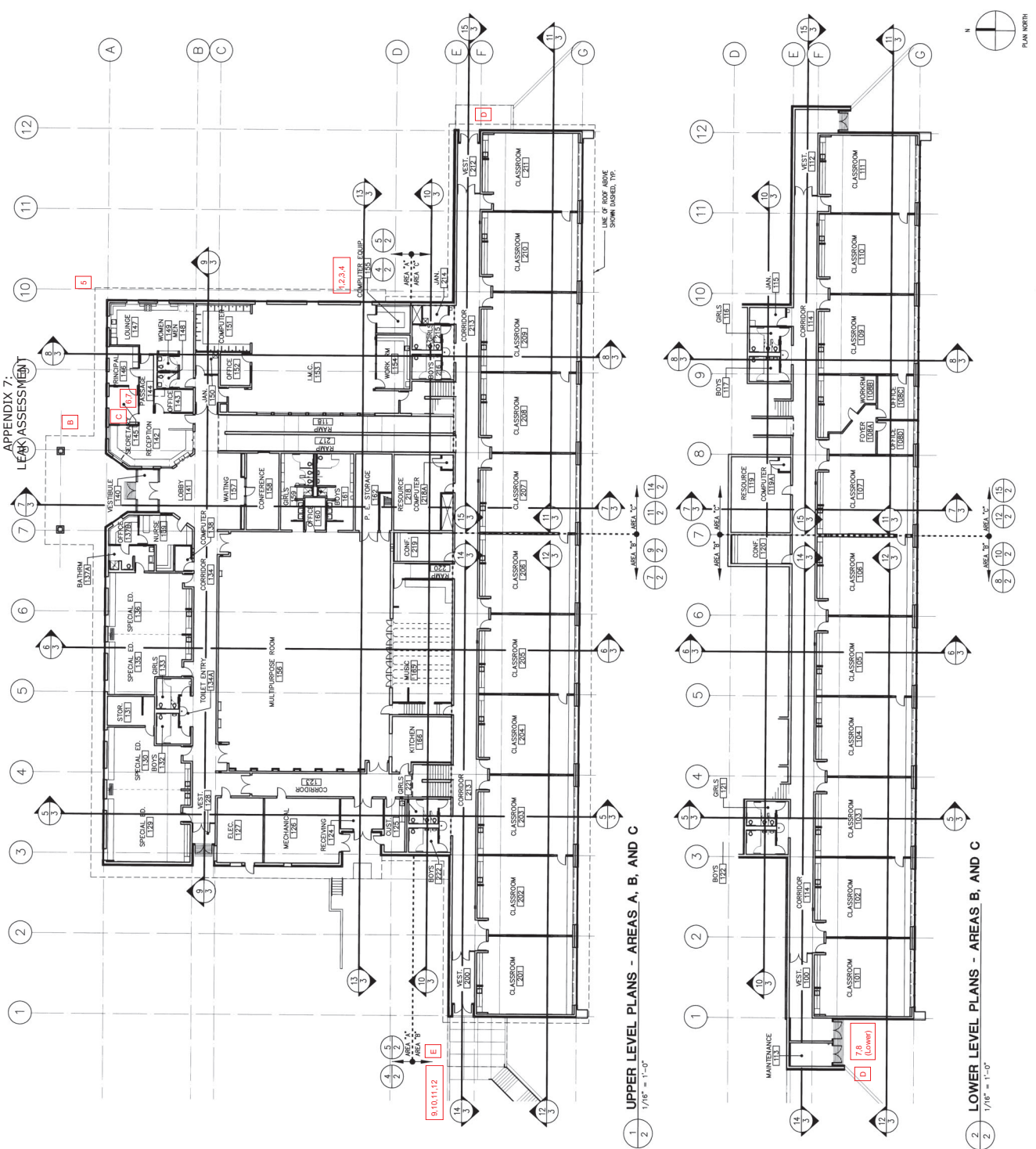
### **Recommendations and Replacement Options:**

- A. Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the membrane up the roof. This is likely the



most cost-effective repair. Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly.

- C. Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane or flashing to membrane leaks. This is very difficult to confirm due to the sidewalk cover buildup over these areas. The exposed flashing is degraded or corroded in most cases.
  - a. Flashing replacement:**  
Areas of flashing along the wall to sidewalk transition should be replaced.
  - b. Test Case:**  
One of the older schools should have the sidewalk and rigid insulation cover removed. The waterproofing membrane should be investigated and documented for condition and moisture content in the surrounding areas. The waterproofing membrane, flashing, insulation, and walking surface should then be replaced. This is suggested as a test case with one of the older schools as that seems to have had a membrane failure. This is a costly repair and so further investigation of the waterproofing membrane is warranted before providing this repair to all the schools.
- D.** The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.



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**SHERROD ELEMENTARY SCHOOL**  
**MATANUSKA - SUSITNA BOROUGH**  
**PALMER, ALASKA**

Revisions	No.	Description	Date
	1	RECORD DRAWING	8/5/03

Drawn	Date
LDS	8/14/02

Checked	Job No.
MGU	02016.01

Sheet Contents  
FLOOR PLAN

Drawing No. **1-3**

Category **2**

Sheet **1**



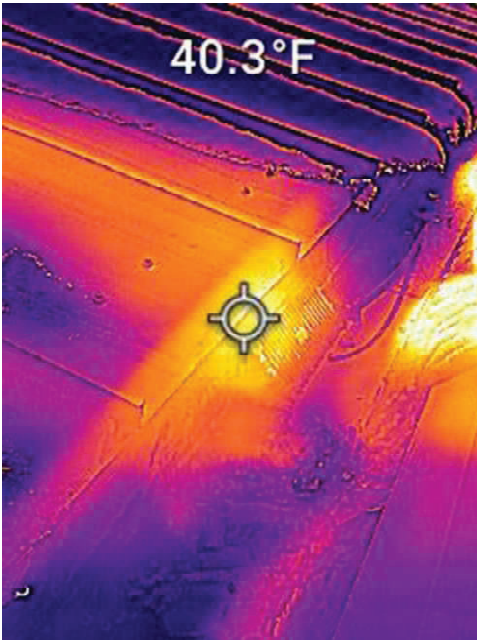
**SHERROD ELEMENTARY – Photos**



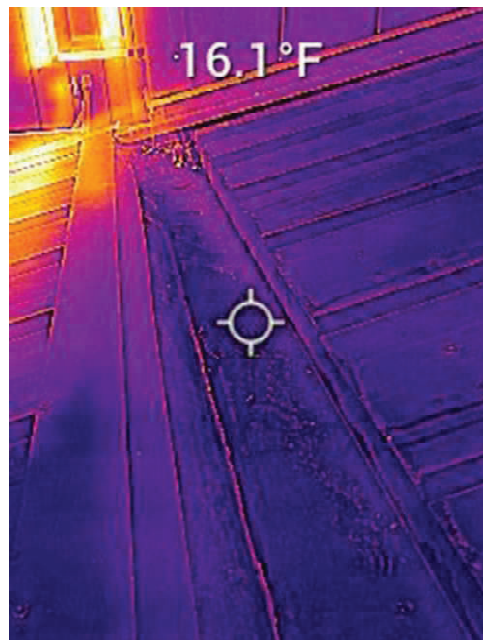
*Fig.1 -North Gutter at Library – lot of silt*



*Fig. 2 - North Gutter at Library, looking East – silt*



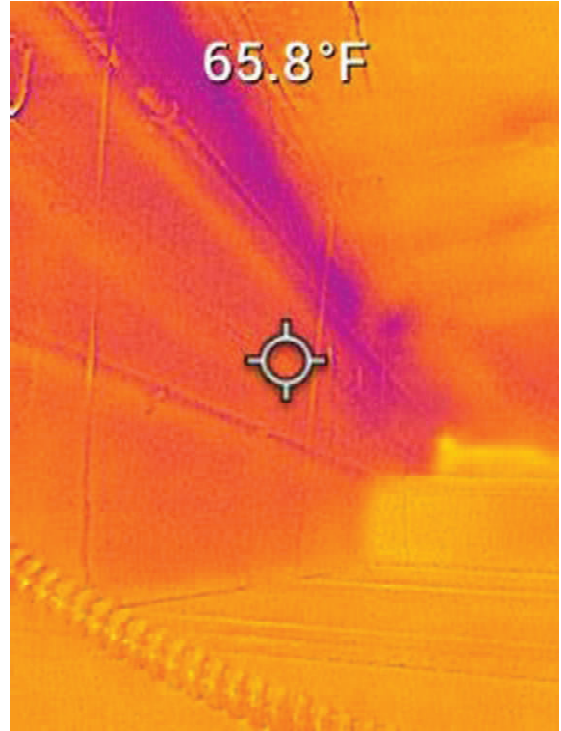
*Fig.3 -IR North Gutter at Library – heat trace*



*Fig. 4 - North Gutter at Library, looking East*

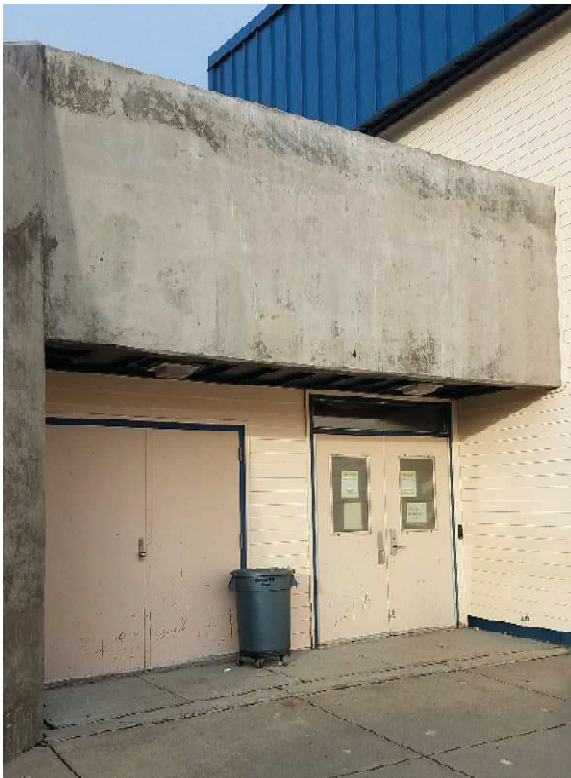


*Fig.5 -NW corner, exterior gutters and downspouts at eave.Note that these are in addition to the internal gutters that occur just over the exterior walls.*

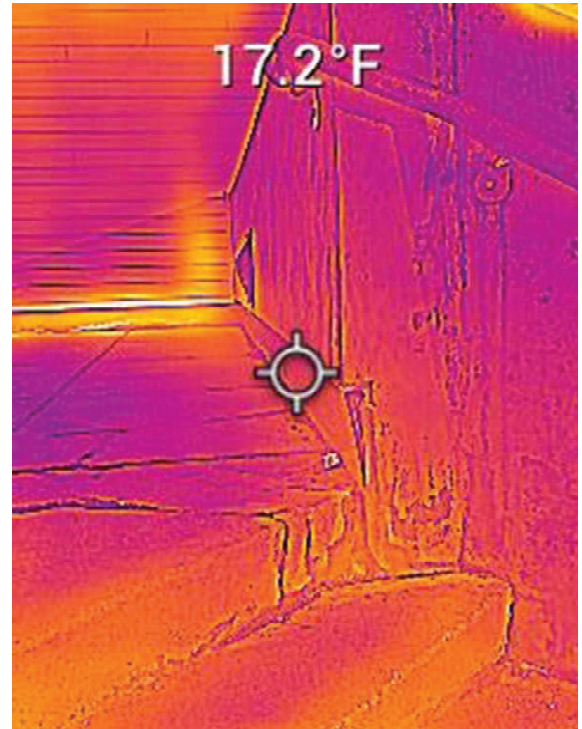
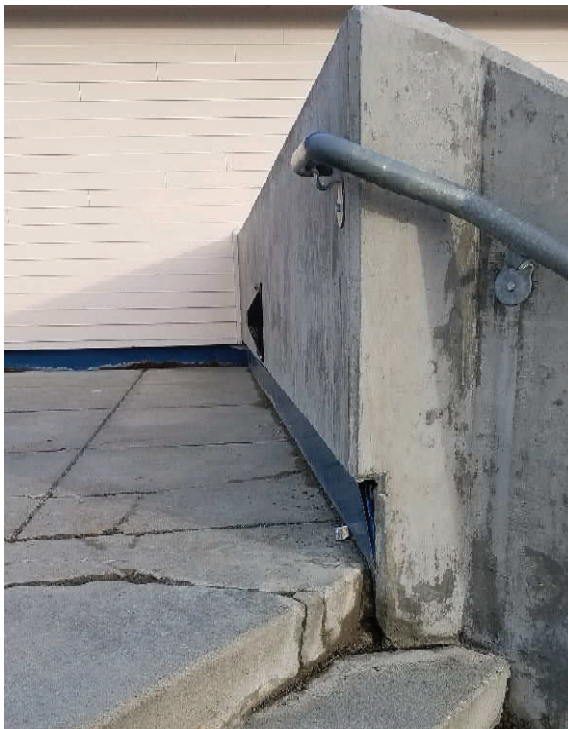


*Fig.6&7 – Interior ceiling plenum at exterior wall. Gyp sealed to CMU wall. Some penetrations. Cold spot at the top of the wall, but not enough to condense.*



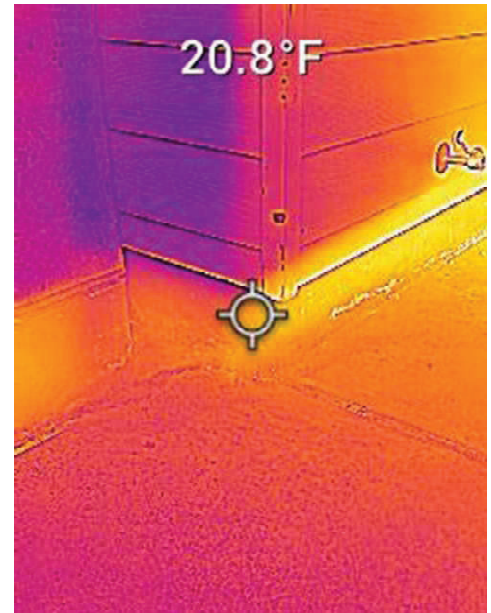


*Fig.7&8 – SE Lower Entry – cast in place concrete structure with metal door frames. Heat signatures at frames and where concrete meets warm building envelope.s and where concrete meets warm building.*



*Fig.9&10 – SE Entry, upper landing – cast in place concrete structure cracked. Metal edge flashing pulled away and corroded. Definite heat loss along this edge.*





*Fig.11&12 – SE Entry, upper landing – Metal edge flashing pulled away and corroded. Definite heat loss along this edge.*



### **FINGER LAKE ELEMENTARY**

Conditions at Finger Lake Elementary site visit on 11/15/2021.

Weather 8:00am, clear, -6F. Had snowed 6"+ the week before and stayed cold.

The following were areas of investigation or had been mentioned as areas of previous leaks:

- A.** Overall – it was noted by MSBSD O&M that this school has had a number of problem areas, mostly around the entryways.
- B.** Gutters – the gutters and roof were covered with 6"+ of snow and did not have noticeable bare areas. The area of the gutter had a slight dip in the snow as it sits below the main roof level.
- C.** Library
  - Dry, no water staining or leak issues
  - 43% moisture content at CMU, above and below ceiling
  - 8-11% moisture content at drywall
  - Plenum – no major hot spots from piping, ductwork, etc
  - Top of CMU wall a bit cooler, but not enough difference or temperature to cause condensation
  - Roof drain insulation wrap showed 90% moisture content at fabric wrap areas. 0% at plastic coated areas.
- D.** Teacher's Lounge
  - Dry, no water staining or leak issues
  - 38-41% moisture content at CMU, above and 52% below ceiling
  - Top of CMU wall a bit cooler, but not enough difference or temperature to cause condensation
- E.** Entrance, lower NE, lower SE similar
  - Dry, some water staining or leak issues
  - Plenum – some hot spots at piping valves. Plenum definitely warm with Cabinet Unit Heater running.
- F.** Entrance, lower SE at landing above
  - Wall/roof joint – flashing is ok
  - Concrete paving – minor cracking

### **Recommendations and Replacement Options:**

- A. Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the membrane up the roof. This is likely the most cost-effective repair. Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly.
- B. Exterior Wall Leak Assessment** – Roof Drains should be insulated with a vapor barrier wrap insulation.
- D. Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane or flashing to membrane leaks. This is very difficult to confirm due to



the sidewalk cover buildup over theses areas. The exposed flashing is degraded or corroded in most cases.





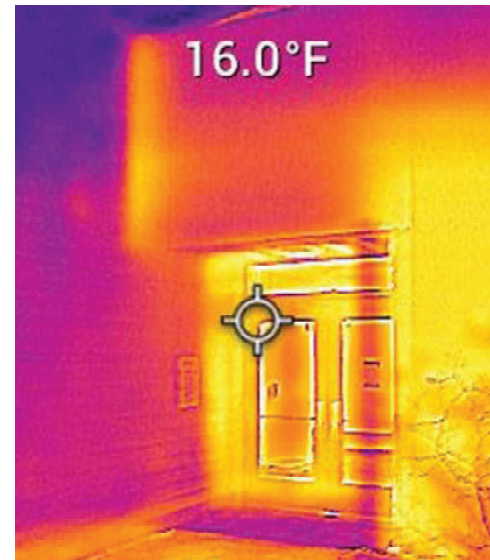
**FINGER LAKE ELEMENTARY - photos**



*Fig.1 -North Gutter at Library – even snow cover.Mech Louver melts snow at roof edge.*



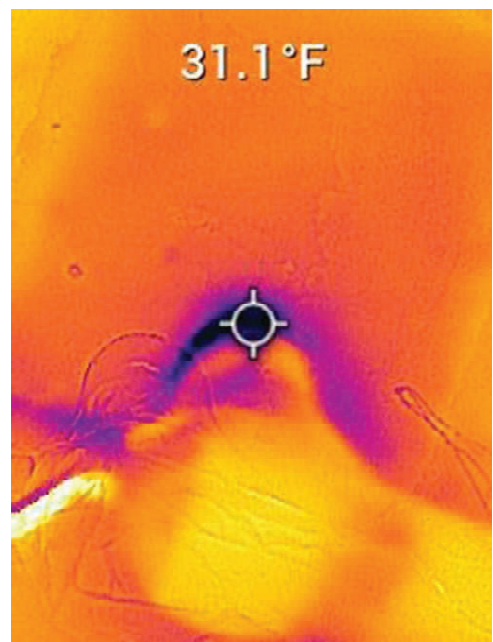
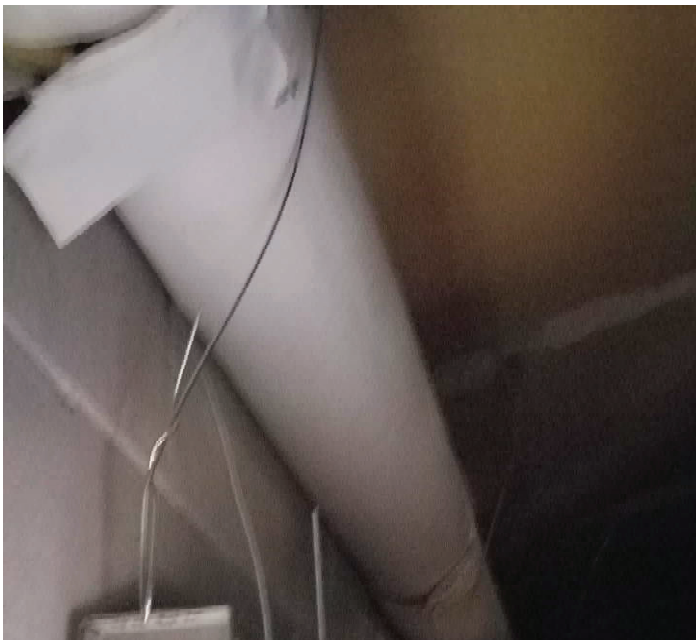
*Fig. 2&3 – East entry upper level. IR shows some thermal leakage where the concrete meets exterior wall.*



*Fig. 4&5 – East entry lower level. IR shows some thermal leakage where the concrete meets exterior wall.Metal door and frame are also a big thermal transfer.*



*Fig. 6&7 – Interior ceiling plenum at exterior wall. The CMU to gyp is sealed but IR shows significant thermal leakage where the concrete meets the roof.*



*Fig. 8&9 – Interior ceiling plenum at exterior wall – roof leader insulated drain line. Penetration at the roof shows thermal leakage.*



### **LARSON ELEMENTARY**

Conditions at Larson Elementary site visit on 11/15/2021.

Weather 9:00am, clear, -6F. Had snowed 6"+ the week before and stayed cold.

The following were areas of investigation or had been mentioned as areas of previous leaks:

- A.** Overall – it was noted by MSBSD O&M that this school has had a number of problem areas, mostly around the entryways.
- B.** Gutters – the gutters and roof were covered with 6"+ of snow and did not have noticeable bare areas. The area of the gutter had a slight dip in the snow as it sits below the main roof level.
- C.** Library
  - Dry, no water staining or leak issues
  - 38-41% moisture content at CMU, above and below ceiling
  - 33-35% moisture content at CMU, at window jamb
  - 28% moisture content at tackboard on drywall
  - Plenum – no major hot spots from piping, ductwork, etc
  - Top of CMU wall a bit cooler, but not enough difference or temperature to cause condensation
  - Roof drain insulation wrap showed 90% moisture content at fabric wrap areas. 0% at plastic coated areas.
- D.** Staff Lounge
  - Dry, no water staining or leak issues
  - 33-35% moisture content at CMU, above and 52% below ceiling
  - Top of CMU wall a bit cooler, but not enough difference or temperature to cause condensation
- E.** Entrance, lower SE
  - Leak water staining, corner interior and outside wall
  - 33-34% moisture content at CMU above ceiling and below
  - 54% moisture content at CMU at outside wall
  - Top of CMU wall cold (31F), which is enough to cause condensation
- F.** Entrance, lower SW
  - Leak water staining, corner interior and corner at outside wall above
    - Ceiling tile and drywall at edge of furred out wall
    - Ceiling tile at interior corner, hydronic pipe wrap (x2) is stained slightly
  - 77% moisture content at CMU at leak area at edge of furred out wall
  - 41-62% moisture content at CMU at interior corner wall
  - 35-57% moisture content at CMU at outside wall
- G.** Entrance, lower SE at landing above
  - Wall/roof joint – flashing is ok condition with a few spots of rust
  - Concrete paving – some cracking

### **Recommendations and Replacement Options:**

- 1. Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on



- and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the membrane up the roof. This is likely the most cost-effective repair. Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly.
2. **Exterior Wall Leak Assessment** – Roof Drains should be insulated with a vapor barrier wrap insulation.
  3. **Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane or flashing to membrane leaks. This is very difficult to confirm due to the sidewalk cover buildup over these areas. The exposed flashing is degraded or corroded in most cases.
    - a. **Flashing replacement:**  
Areas of flashing along the wall to sidewalk transition should be replaced.
    - b. **Test Case:**  
One of the older schools (Sherrod), should have the sidewalk and rigid insulation cover removed. The waterproofing membrane should be investigated and documented for condition and moisture content in the surrounding areas. The waterproofing membrane, flashing, insulation, and walking surface should then be replaced. This is suggested as a test case with one of the older schools as that seems to have had a membrane failure. This is a costly repair and so further investigation of the waterproofing membrane is warranted before providing this repair to all the schools.
  4. The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.



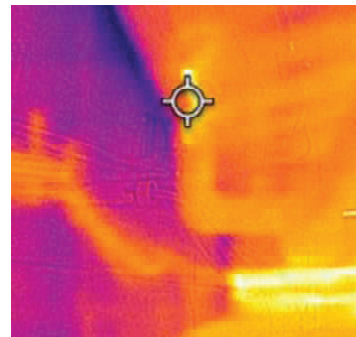
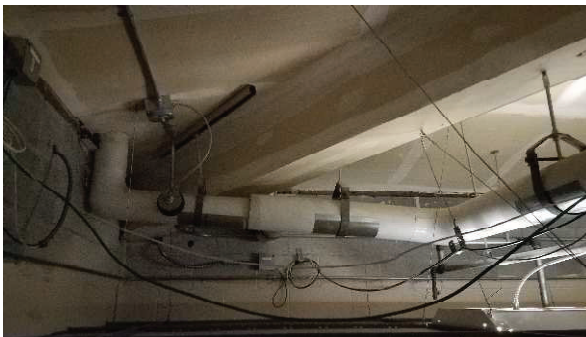
**LARSON ELEMENTARY – PHOTOS**



*Fig. 1 – Exterior corner with snow at roof edge and gutter.*



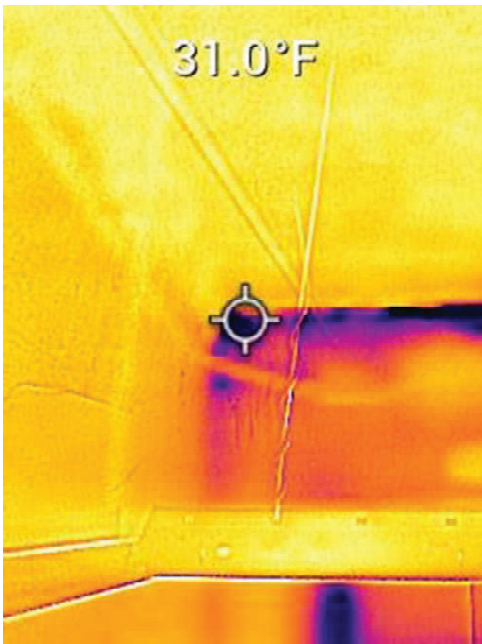
*Fig. 2– Interior ceiling plenum at exterior wall, Staff Break Room. Leak at hydronic control valve actuator.*



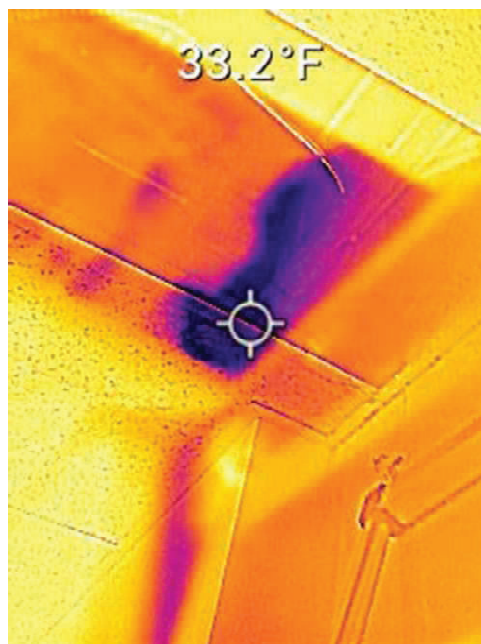
*Fig. 3&4 – Interior ceiling plenum at exterior wall, Staff Break Room. The CMU to gyp is sealed but IR shows significant thermal leakage where the concrete meets the roof. Rain leader shows a warm penetration spot but this is likely due to heat trace being on.*



*Fig. 5&6 – Interior ceiling plenum at SW lower Entry. This is the inside corner at the wall jog above. There is leaking, stained ceiling tiles, and what appears to be a spray applied leak sealant applied in the plenum. There is also IR leakage and evidence of air leakage in this area.*



*Fig. 7 – Interior ceiling plenum at SE lower Entry – cold infiltration along top of outer wall.*



*Fig. 8 - Interior ceiling plenum at SW lower Entry – cold infiltration along jog at inside corner above. (see above)*

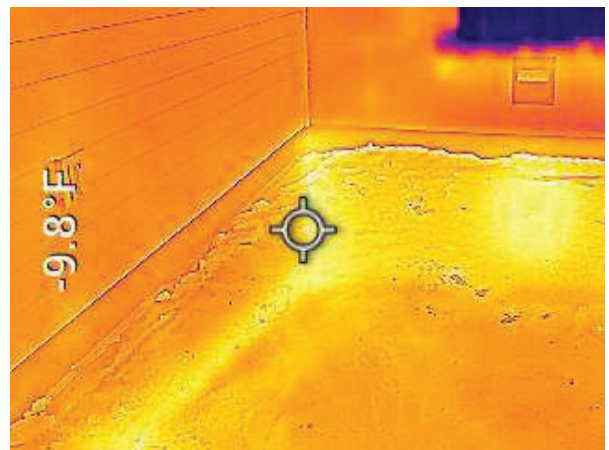
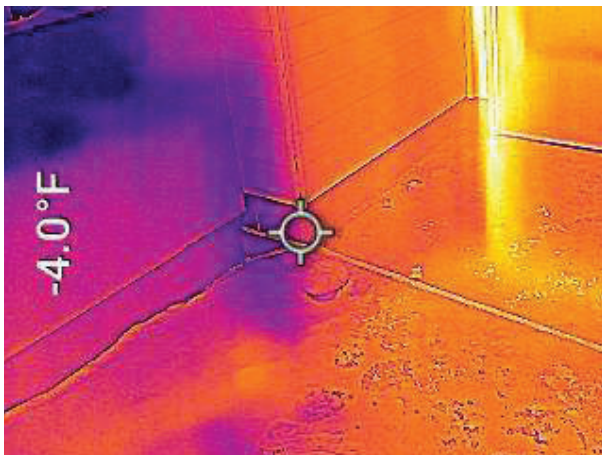




*Fig. 9 SW upper Entry – flashing in ok condition along paving perimeter.*



*Fig. 10&11 SW upper Entry – flashing in ok condition along paving perimeter.*



*Fig. 12&13 SW upper Entry – IR shows heat loss along paving perimeter.*



### **SHAW ELEMENTARY**

Conditions at Shaw Elementary site visit on 11/15/2021.

Weather 10:30am, clear, 2F. Had snowed 6"+ the week before and stayed cold.

The following were areas of investigation or had been mentioned as areas of previous leaks:

- A.** Overall – it was noted by MSBSD O&M that this school has had a number of leaks, especially along the exterior wall at the front of the school. This school does not have leaks at the Library or at the downstairs Arctic Entries. This school has roof canopy coverings over the exterior 2<sup>nd</sup> floor entries, which provides added weather protection.
- B.** Gutters – the gutters and roof were covered with 6"+ of snow and did not have noticeable bare areas. The area of the gutter had a slight dip in the snow as it sits below the main roof level.
  - Gutter freeze up – it was noted that the gutter at the front exterior wall had frozen up previously, causing ice and water in the wall
- C.** Library
  - Dry, no water staining or leak issues
- D.** Front Desk
  - Leak issues at front window
  - 44% moisture content at CMU, above and below ceiling
  - 8-11% drywall, some staining but appears to have dried out
  - Window frame shows quite cool with areas ranging from 21-40F
  - Top of CMU wall a bit cooler, but not enough difference or temperature to cause condensation
  - Beam pockets at the wall top are quite cold, but no water staining
- E.** Classroom 135 at Front Wall
  - Damaged/stained at ceiling tiles along
  - Rain Leader – tight 90 is exposed with no insulation at the 90.
    - Heat trace – no visible heat trace. MSBSD O&M confirmed that there is an external heat trace wire that runs in the gutter
  - 40-45% moisture content at CMU, above and below ceiling
- F.** Classroom 210 at exterior wall
  - Discoloration in infrared at studs may indicate water damage.
  - Drywall 2-8% moisture content
  - Studs and Joists 14-15% moisture content
- G.** Entrance, Classroom wings upper and lower
  - This school has roof canopy coverings over the exterior 2<sup>nd</sup> floor entries, which provides added weather protection.

In the last week of February with a 40F thaw, Shaw developed a number of issues that MSBSD O&M addressed. This included:

- H.** Found a fine crack in the gutter membrane – used spray applied sealant which appeared to fix the leak
  - 2<sup>nd</sup> Floor Classroom – leaking in outer wall. This is a location with a gutter above.
  - Gutters were flowing and were not blocked.



## **SHAW ELEMENTARY**

### **Recommendations and Replacement Options:**

- B. Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the membrane up the roof. This is likely the most cost-effective repair. Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly.
- E. Exterior Wall Leak Assessment** – Roof Drains should be insulated with a vapor barrier wrap insulation. Ventilation ductwork that exits the sidewall should be insulated for the first 10' from the exterior wall.
- H.** The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.



REVISIONS	DATE	BY	CHKD	APPD
1. CHANGES TO MECHANICAL AND ELECTRICAL PLANS FOR EQUIPMENT LAYOUT	04-10-05	DD	WZ	MSW
2. CHANGES TO MECHANICAL AND ELECTRICAL PLANS FOR EQUIPMENT LAYOUT	04-10-05	DD	WZ	MSW
3. CHANGES TO MECHANICAL AND ELECTRICAL PLANS FOR EQUIPMENT LAYOUT	04-10-05	DD	WZ	MSW
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12. CHANGES TO MECHANICAL AND ELECTRICAL PLANS FOR EQUIPMENT LAYOUT	04-10-05	DD	WZ	MSW

McCool Carlson Green  
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901 W. 29TH AVENUE, ANCHORAGE, AK (907) 563-8474



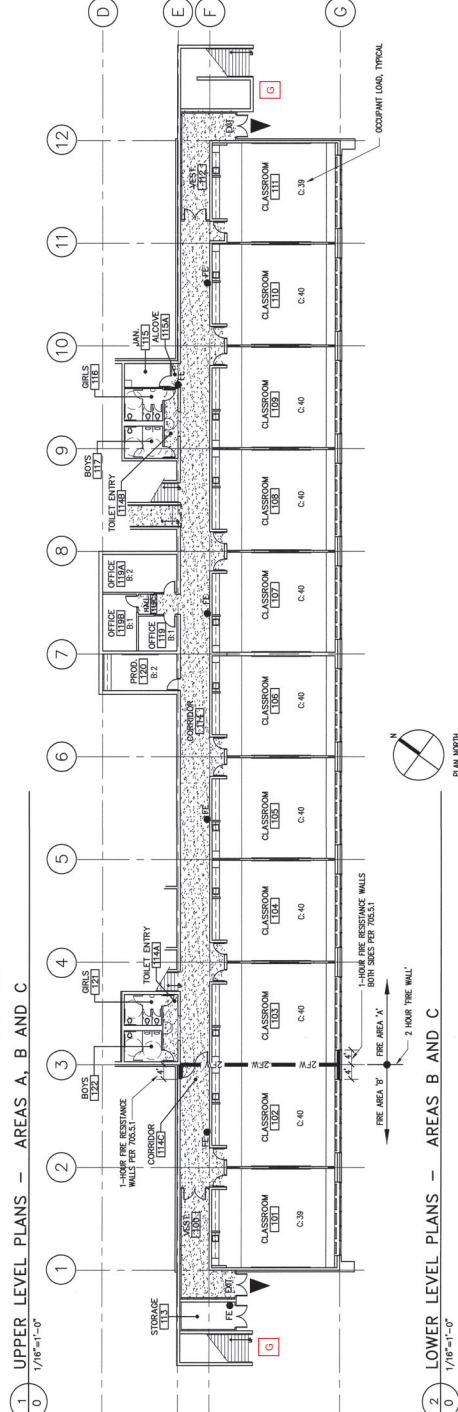
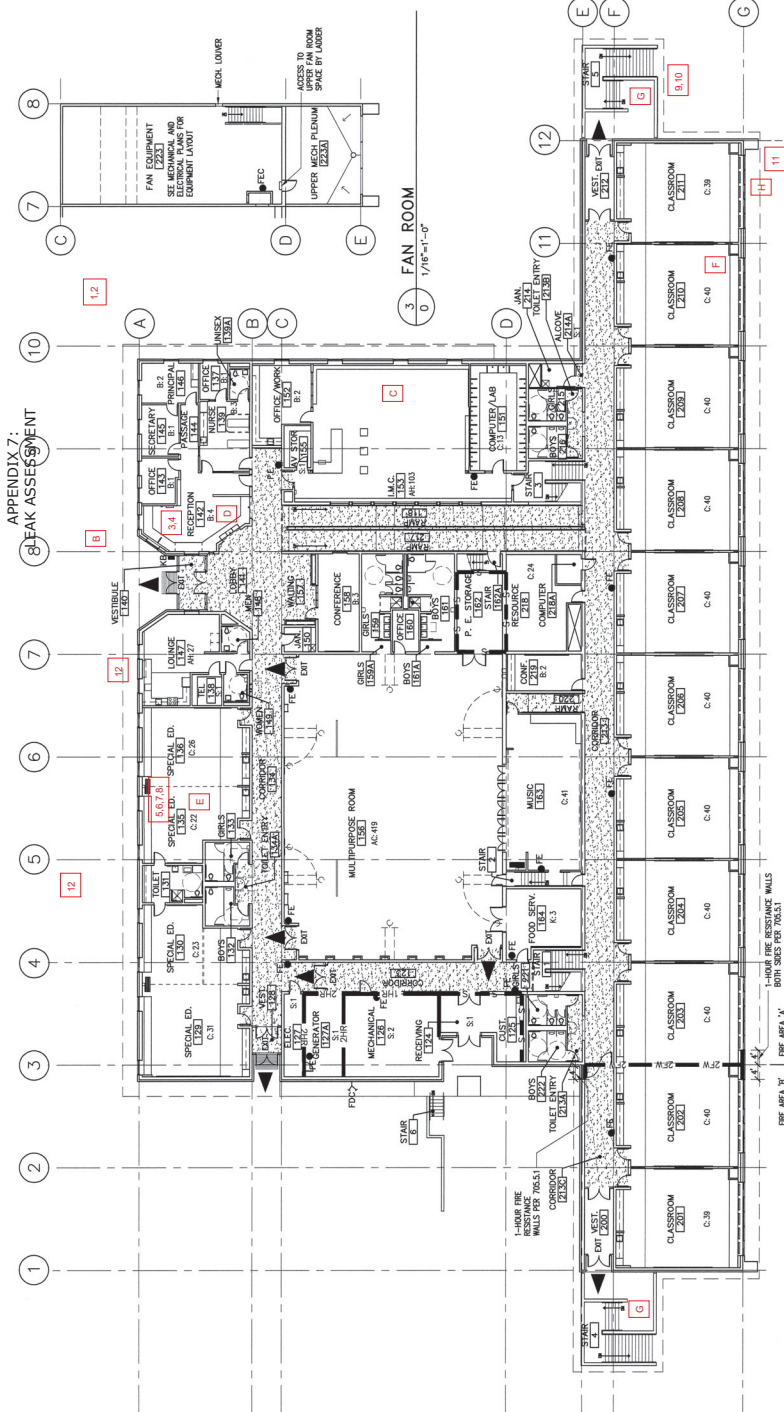
WASILLA ELEMENTARY SCHOOL  
WASILLA, ALASKA  
MATANUSKA-SUSTINA BOROUGH, PROJECT # 40146

Drawing Number	1-2
Category	0
Sheet	3

CONFORMED DOCUMENTS

BID #B23-

ROOF REPAIRS  
Mat-Su Borough School District || Purchasing Department || 690 Cope Industrial Way || Palmer, Alaska 99645 || P. 49

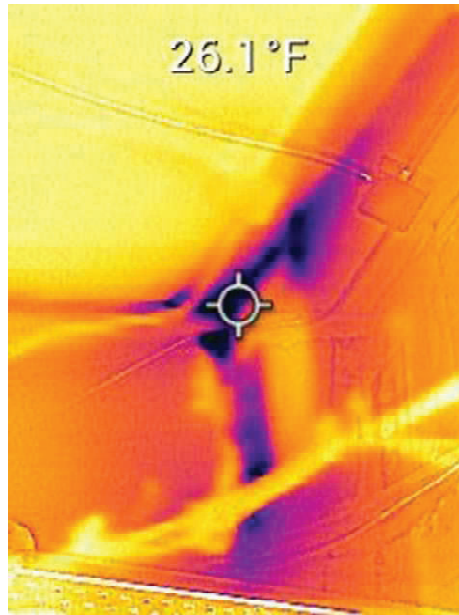




**SHAW ELEMENTARY – PHOTOS**



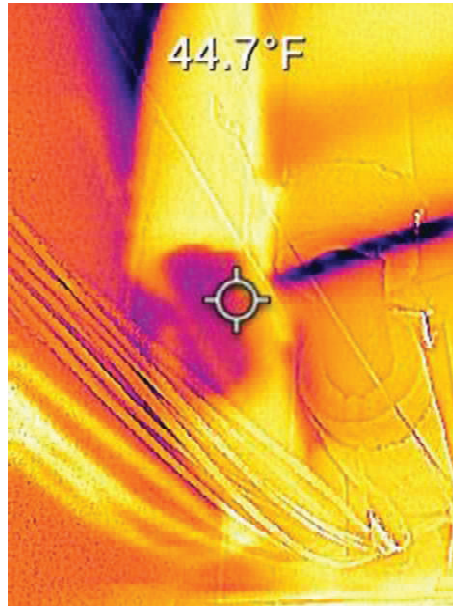
*Fig. 1&2 Exterior and Main Entry – standing snow on roof and in gutter.*



*Fig. 3&4 Interior ceiling plenum at Front Desk – heat loss at beam pocket.*



*Fig. 5&6 Interior ceiling plenum at Front Desk – heat loss at beam pocket.*



*Fig. 7&8 Interior ceiling plenum at Classroom, north wall – leak area at rain leader has insulation removed. No heat trace.*



*Fig. 9&10 Covered Classroom wing entries, upper and lower. No leak issues.*





*Fig. 11 Classroom wing – no visible leak.*



*Fig. 12 Main Entry –siding discoloration and staining at valley, both sides of gable roof.*





### **MEADOW LAKES ELEMENTARY**

Conditions at Meadow Elementary site visit on 3/1/2022.

Weather 11:00am, clear, 28F. Had snowed 1"+ the NIGHT before and stayed cold.

The following were areas of investigation or had been mentioned as areas of previous leaks:

- A.** Overall – it was noted by MSBSD O&M that this school has had a relatively low number of problem areas, mostly around the entryways. This school does not have leaks at the Library or the front Admin area.
- B.** Gutters – the roof had 6"+ of snow but most of the gutters were clear.
  - Gutter – NW of main entry – this gutter had the snowmelt cable pulled out of the gutter and hanging loose. Custodial noted that it had been pulled out with a snow/ice slide.
  - Main Entry Canopy – drain slopes back away from roof edge. This tends to pool up in spring, during thaws, and with big rains. (Suggest add scupper out East end.)
- C.** Library
  - Dry, no leak issues to date
- D.** Front Desk
  - Dry, no leak issues to date
- E.** Classroom, upper and lower SE Corner (111 and 211)
  - Damaged/stained at ceiling tiles along
  - Some leaking was noted as having happened in the past.
- F.** Entrance, Main
  - Drain slopes back away from roof edge. This tends to pool up in spring, during thaws, and with big rains. (Suggest add scupper out East end.)
- G.** Entrance, lower SE
  - Leak water staining, corner interior and corner at outside wall above
  - 30-34% moisture content at CMU at interior corner wall (not bad)
  - 40-56% moisture content at CMU at outside wall
- H.** Entrance, lower SW
  - Leak water staining, corner interior and corner at outside wall above
    - Ceiling tile at interior corner, hydronic pipe wrap (x2) is stained slightly
  - 40-58% moisture content at CMU at interior corner wall
- I.** Entrance, at landings above
  - Wall/roof joint – flashing is in ok condition
  - Concrete paving – some cracking, especially at edges.
  - Definite water absorption along concrete edges, near flashing.

### **Recommendations and Replacement Options:**

- B. Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the membrane up the roof. This is likely the



most cost-effective repair. Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly.

The heat trace to the west of the Main Entrance has been pulled out of the gutter and needs to be replaced/repared.

For this school, there is an issue with the main canopy drain. The drain should be extended to have a scupper to the east side. A rock drainage basin should be provided at grade for this scupper to drain into.

**G. Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane of flashing to membrane leaks. This is very difficult to confirm due to the sidewalk cover buildup over theses areas. The exposed flashing is degraded or corroded in most cases.

**a. Flashing replacement:**

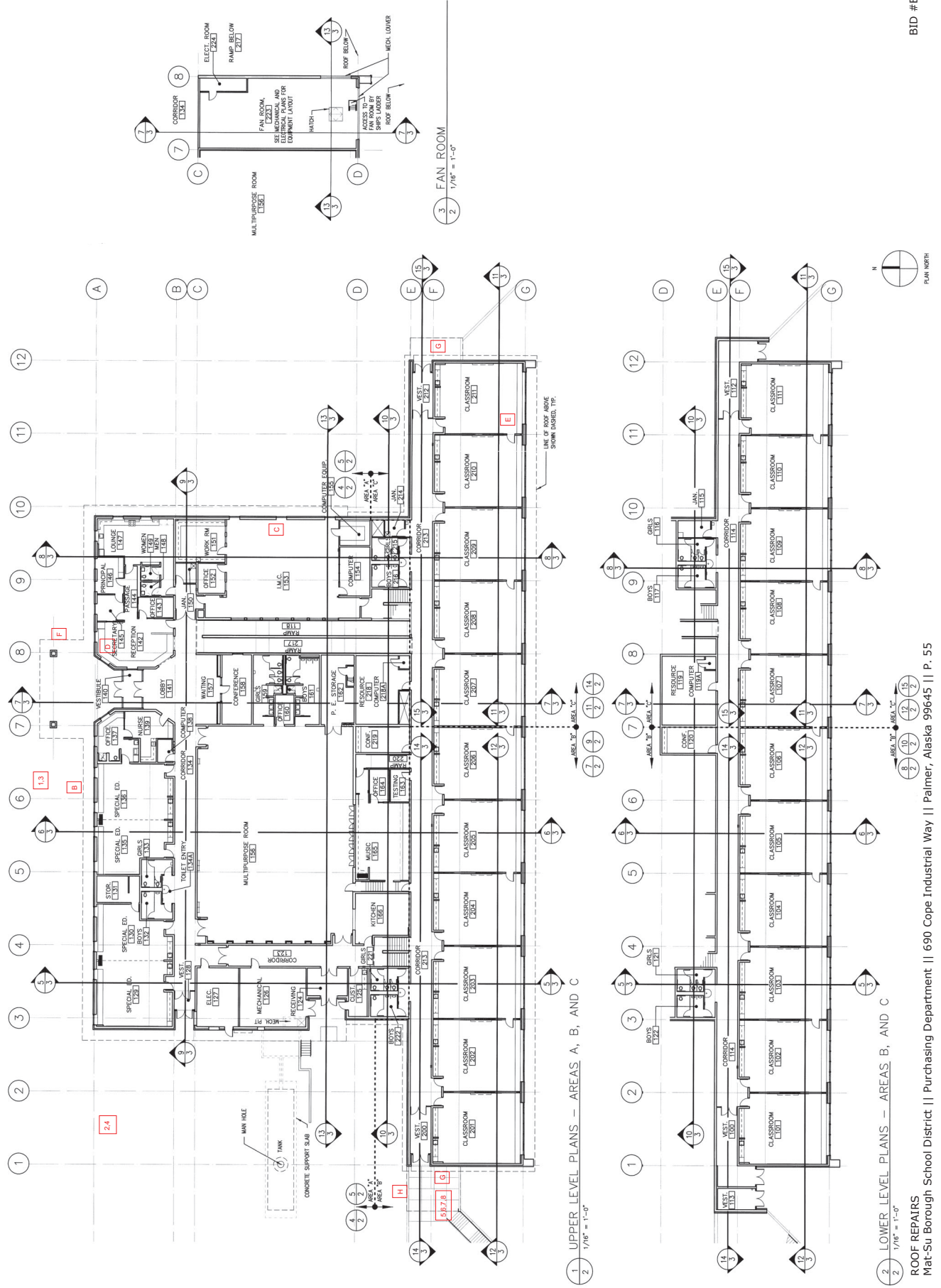
Areas of flashing along the wall to sidewalk transition should be replaced.

**b. Test Case:**

One of the older schools (Sherrod), should have the sidewalk and rigid insulation cover removed. The waterproofing membrane should be investigated and documented for condition and moisture content in the surrounding areas. The waterproofing membrane, flashing, insulation, and walking surface should then be replaced. This is suggested as a test case with one of the older schools as that seems to have had a membrane failure. This is a costly repair and so further investigation of the waterproofing membrane is warranted before providing this repair to all the schools.

**H.** The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.

APPENDIX 7:  
LEAK ASSESSMENT



Computer Drawing File Name 98094.01\9894-A21.DWG	
AS NOTED	

Revisions	
No.	Description
1	REVISION

Drawn	Date
LDS	4/15/99
Checked	Job No.
MGU	98094

Sheet Contents FLOOR PLAN	
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Drawing No.	1-3
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Category	2
Sheet	1

MATANUSKA - SUSITNA BOROUGH MEADOW LAKES ELEMENTARY MEADOW LAKES, ALASKA	
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Architects Alaska An Alaskan Corporation Commercial Architecture Interior Architecture 900 West Fifth Avenue Juneau, Alaska 99801 (907) 586-3867 191 E. Steese Avenue Juneau, Alaska 99801 (907) 586-3867	
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U.S. DEPARTMENT OF EDUCATION OFFICE OF EDUCATION ALASKA DEPARTMENT OF EDUCATION MATANUSKA-SUSITNA BOROUGH MEADOW LAKES ELEMENTARY MEADOW LAKES, ALASKA	
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**MEADOW LAKES ELEMENTARY – photos**



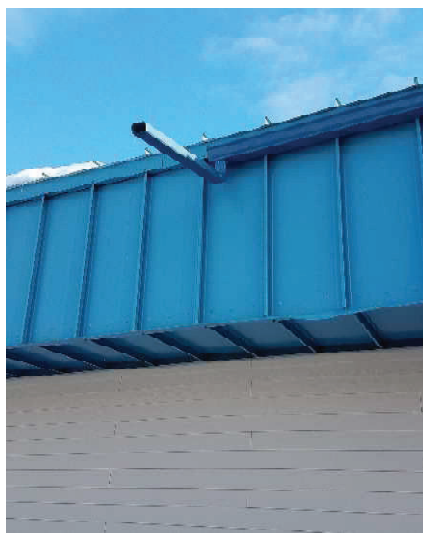
*Fig. 1 Main Entry –slopes back towards building and seasonally floods over.*



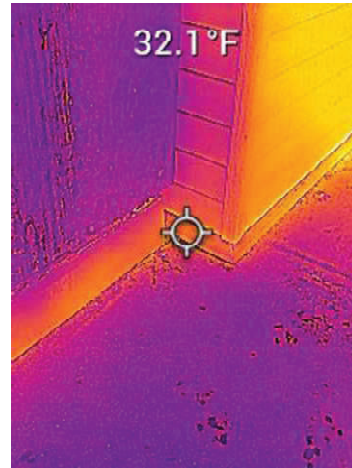
*Fig. 2 West Entry – additional exterior gutter and downspouts.*



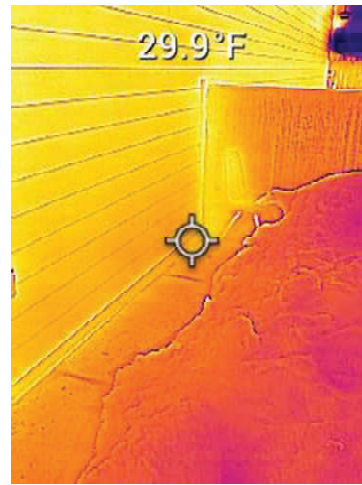
*Fig.3 Main Entry –loose heat trace.*



*Fig.4 West Entry – downspout.*



*Fig.5&6 Classroom Entry, upper – flashing ok, thermal transfer at wall base.*



*Fig.7&8 Classroom Entry, upper – flashing ok, thermal transfer at wall base.*



### **GOOSE BAY ELEMENTARY**

Conditions at Goose Bay Elementary site visit on 3/1/2022.

Weather 12:00am, clear, 28F. Had snowed 1"+ the NIGHT before and stayed cold.

The following were areas of investigation or had been mentioned as areas of previous leaks:

- A.** Overall – it was noted by MSBSD O&M that this school has had a number of leaks in the past, especially along the exterior wall at the front of the school. This school does not have leaks at the Library.
- B.** Gutters – the roof were covered with 6"+ of snow and did not have noticablebare areas. The area of the gutter had a slight dip in the snow as it sits below the main roof level.
  - Heat trace was repaired 3 years ago and is working well now
- C.** Library
  - Dry, no water staining or leak issues
- D.** Teacher's Lounge, North Wall
  - No current leak issues at front window
  - 35% moisture content at CMU, above and below ceiling
  - Top of CMU wall a bit cooler, but not enough difference or temperature to cause condensation
- E.** Classrooms, lower and upper SE
  - Leak water staining, corner interior and outside wall
  - 83-86% moisture content at window head (warning level on meter)
  - 85% moisture content at window jamb (warning level on meter)
  - 25-30% moisture content at window sills (warning level on meter)
  - 47% moisture content at CMU
  - This area had a leak during a recent thaw. It was found that a security comm cable penetration had not been sealed and was one spot where the leak occurred. It has since been sealed. These moisture contents are fairly high, even for CMU. This is evidence that the leak got into the wall assembly.
- F.** Entrance, lower SE
  - Leak water staining, corner interior and outside wall
  - 40-61% moisture content at CMU above ceiling and below
  - 40-70% moisture content at CMU at outside wall
  - These moisture contents are fairly high, even for CMU. This may indicate a leak or waterproofing failure.
- G.** Entrance, lower SW
  - Leak water staining, corner interior and corner at outside wall above
    - Ceiling tile and drywall at edge of furred out wall
    - Ceiling tile at interior corner, hydronic pipe wrap (x2) is stained slightly
  - 73% moisture content at leak area at edge of furred out wall
  - 40-54% moisture content at CMU at interior corner wall
  - Tractor Shed leaks fairly badly
- H.** Entrance, lower SE at landing above
  - Wall/roof joint – flashing is damaged and rusting





- Concrete paving – some cracking, especially at edges. Some pitted areas

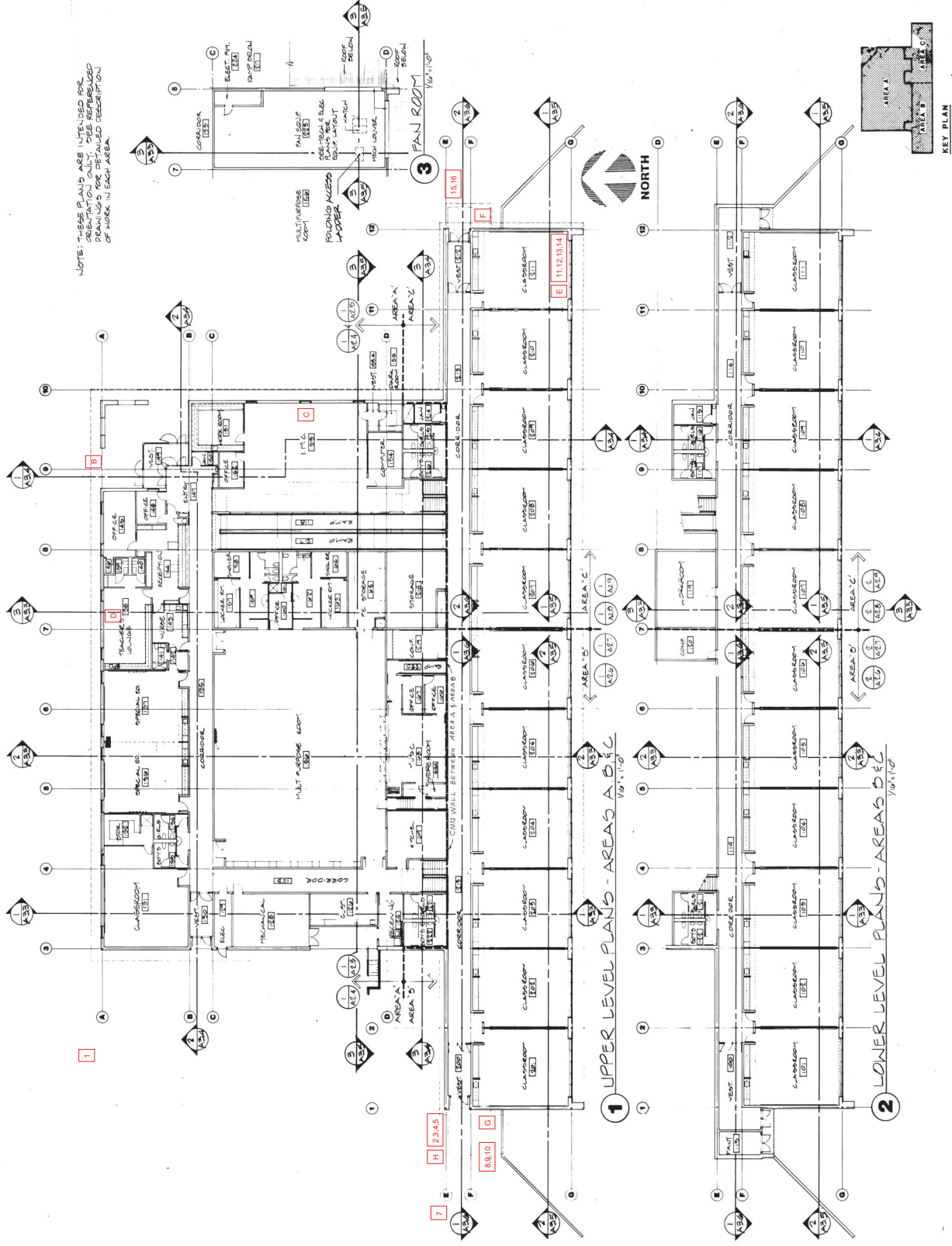
**Recommendations and Replacement Options:**

- B. Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the membrane up the roof. This is likely the most cost-effective repair. Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly.
- D. Exterior Wall Leak Assessment** – Roof Drains should be insulated with a vapor barrier wrap insulation. The largest Classroom leak here appeared to be due to an unsealed penetration which has since been repaired.
- E. Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane or flashing to membrane leaks. This is very difficult to confirm due to the sidewalk cover buildup over these areas. The exposed flashing is degraded or corroded in most cases.
  - a. Flashing replacement:**

Areas of flashing along the wall to sidewalk transition should be replaced.
  - b. Test Case:**

One of the older schools (Sherrod), should have the sidewalk and rigid insulation cover removed. The waterproofing membrane should be investigated and documented for condition and moisture content in the surrounding areas. The waterproofing membrane, flashing, insulation, and walking surface should then be replaced. This is suggested as a test case with one of the older schools as that seems to have had a membrane failure. This is a costly repair and so further investigation of the waterproofing membrane is warranted before providing this repair to all the schools.
- F.** The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.

APPENDIX 7:  
LEAK ASSESSMENT



ARCHITECTS BISSETT/SIMASKO  
504 E. BALEY BLVD. SUITE 207 PALMER, ALASKA 99645  
907.746.8808

PROJECT TITLE  
**KNIK ELEMENTARY SCHOOL**  
MATANUSKA-SUSITNA BOROUGH  
Palmer, Alaska

PROJECT NO.  
**9006**  
DATE 01/11/01  
DRAWN BY  
CHECKED BY  
REVISIONS  
AS-BUILT

CONSULTANTS  
FLOOR PLAN

SHEET NO.  
**A2.2**

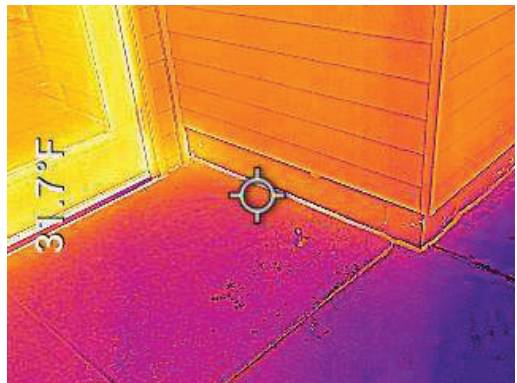
**GOOSE BAY ELEMENTARY - photos**



*Fig.1 Overall Exterior of building.*



*Fig.2&3 SW Upper Classroom Entry – some heat transfer at wall base.*



*Fig.4&5 SW Upper Classroom Entry – some heat transfer at wall base. Open grade near overhang – has waterproofing degraded here?*

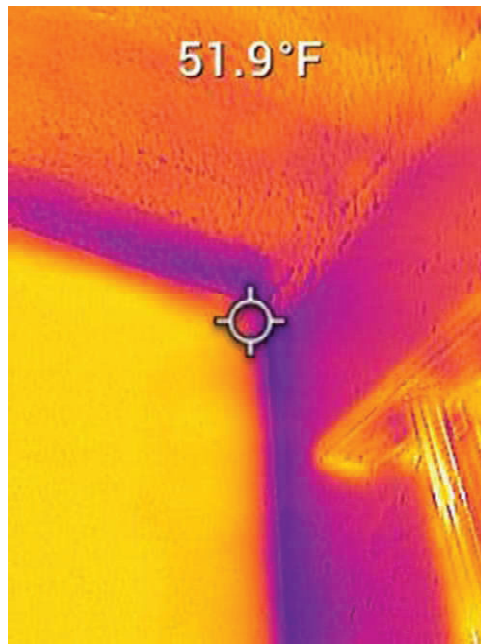
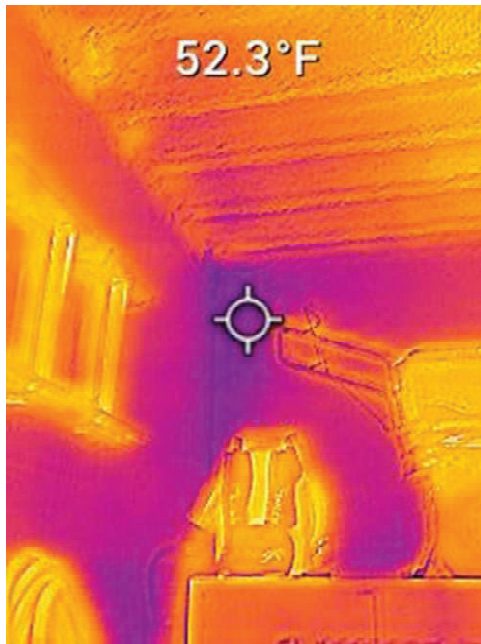




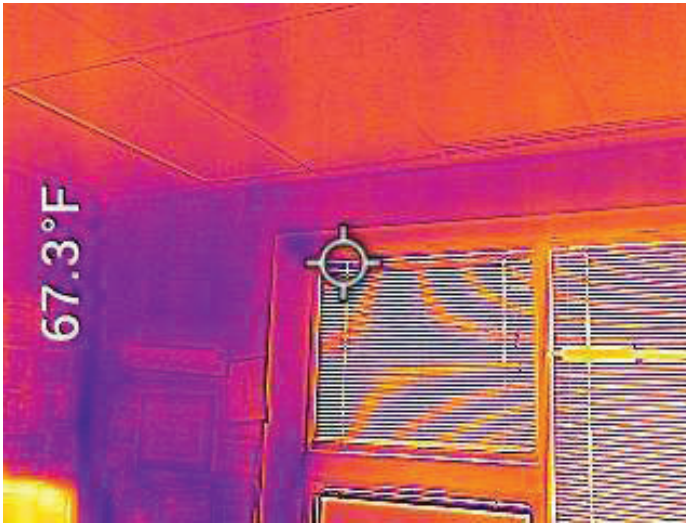
*Fig.7 SW Upper Classroom Entry Stairs*



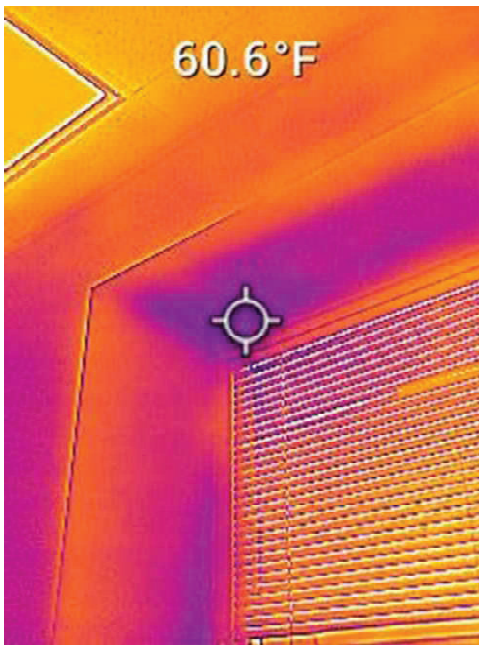
*Fig.8 SW Tractor Shed – peeling paint*



*Fig.9&10 SW Tractor Shed – darkened areas indicate both increased thermal transfer and higher levels of moisture content. This area also had significant peeling paint and spawling fireproofing, which is indicative of leak issues.*



*Fig.11&12 Upper SE Classroom Window – area of leakage has noticeable darker areas. This indicates damaged insulation.*



*Fig.13&14 Upper SE Classroom Window – area of leakage has noticeable darker areas. This indicates damaged insulation.*





*Fig.15&162 Upper SE Classroom wing Entry – thermal transfer at wall base.*



### **TANAINA ELEMENTARY**

Tanaina Elementary is located at 9250 East Bogard Road in Wasilla. The school was constructed in 1984. Renovations and a partial fix to the integral roof gutter were done in 2015 (Cost \$110k). Since that time, there are less leaks but some areas it is still occurring.

Conditions at Tanaina Elementary site visit on 3/1/2022.

Weather 1:00pm, clear, 28F. Had snowed 1"+ the NIGHT before and stayed cold.

The following were areas of investigation or had been mentioned as areas of previous leaks:

- A. Overall – it was noted by MSBSD O&M that this school has had a number of leaks, especially along the exterior wall at the front of the school. This school does not have leaks at the Library.
- B. Gutters – the roof was covered with 1"+ of snow and did not have noticeable bare areas. The area of the gutter had a slight dip in the snow as it sits below the main roof level.
- C. Library
  - Dry, no water staining or leak issues
- D. Front North Wall
  - There was an open 1 ½" plug that leaked but has been repaired.
- E. Tractor Shed, lower SE
  - Leak water staining, peeling paint, corner at outside wall above
  - 68% moisture content at CMU at outside wall (meter warning)
- F. Entrance, lower SE at landing above
  - Wall/roof joint – flashing is ok condition
  - Concrete paving – some cracking, especially at edges.

### **Recommendations and Replacement Options:**

- B. **Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. Tanaina Elementary had a partial fix done on the gutter membrane in 2015.
- E. **Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane or flashing to membrane leaks. This is very difficult to confirm due to the sidewalk cover buildup over these areas. The exposed flashing is degraded or corroded in most cases.
  - a. **Flashing replacement:**  
Areas of flashing along the wall to sidewalk transition should be replaced.
  - b. **Test Case:**  
One of the older schools (Sherrod), should have the sidewalk and rigid insulation cover removed. The waterproofing membrane should be investigated and documented for condition and moisture content in the surrounding areas. The waterproofing membrane, flashing, insulation, and walking surface should then be replaced. This is suggested as a test case with one of the older schools as that seems to have had a membrane failure. This is a costly repair and so further investigation of the waterproofing membrane is warranted before providing this repair to all the schools.
- F. The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.



Project title  
**tanaina  
elementary school**  
Wasilla, Alaska

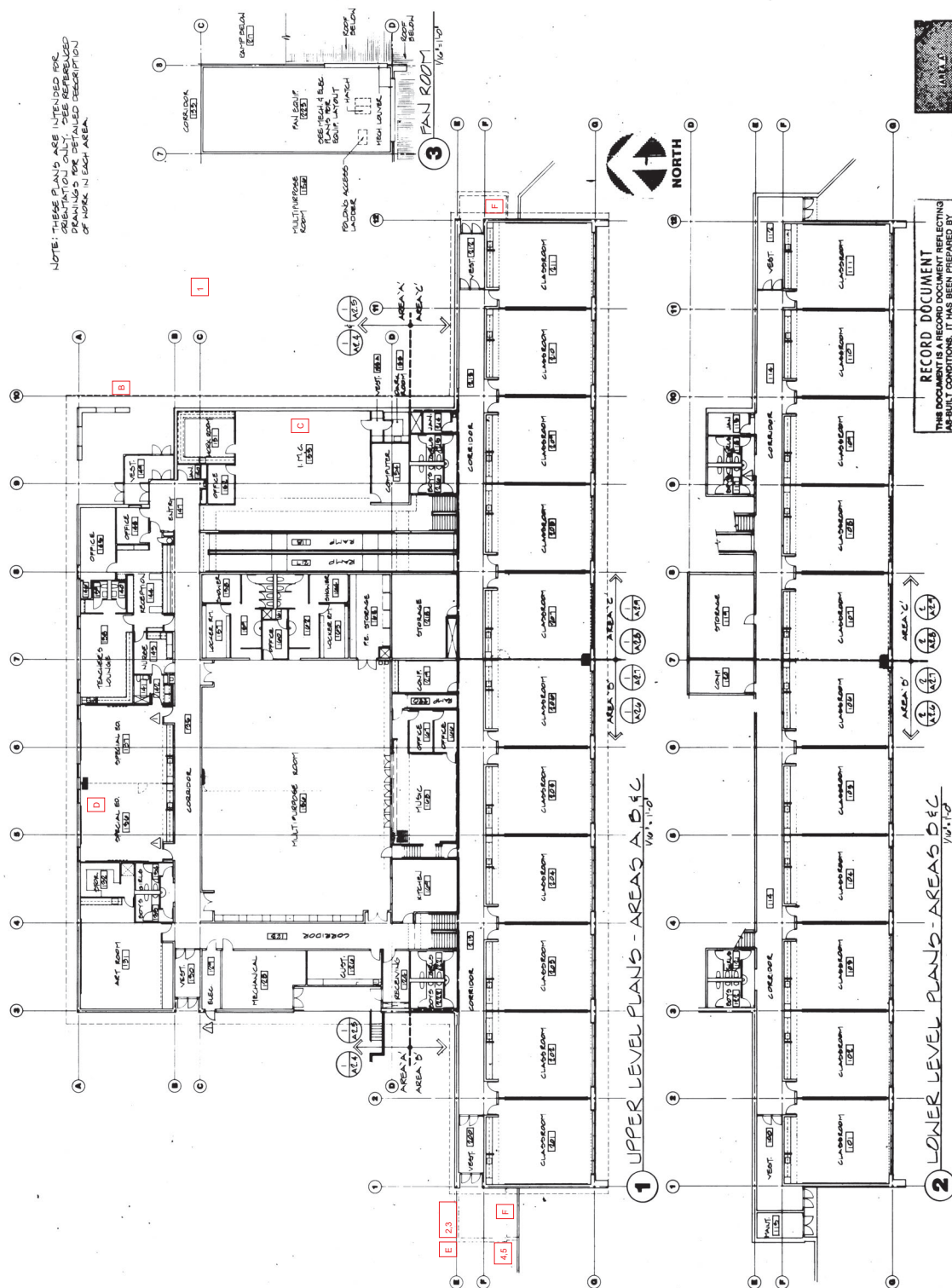
Project no. <b>82121</b>
Date 1/13/04 Drawn by checked by revisions
APPENDIX 1 AS-BUILT 11-4-05
Sheet contents GENERAL FLOOR PLAN

Sheet no.

**A2.2**

BID #B23-02

APPENDIX 7:  
LEAK ASSESSMENT



NOTE: THESE PLANS ARE INTENDED FOR ORIENTATION ONLY. SEE REFERENCED DRAWINGS FOR DETAILED DESCRIPTION OF WORK IN EACH AREA.

**RECORD DOCUMENT**  
THIS DOCUMENT IS A RECORD DOCUMENT REFLECTING AS-BUILT CONDITIONS. IT HAS BEEN PREPARED BY THE ARCHITECT BASED ON THE INFORMATION AND DOCUMENTS SUPPLIED BY THE GENERAL CONTRACTOR FOR THIS PROJECT. DON W. WYOFF, ARCHITECT DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. ASSUMES NO LIABILITY FOR ERRORS CONTAINED HEREIN.  
BY: M.L. DATE: 11-4-05 KJP



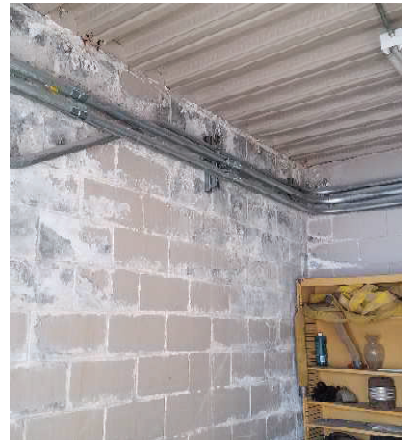
**TANAINA ELEMENTARY - photos**



*Fig.1 Overall Exterior NE Entrance*



*Fig.2&3 Upper SE Classroom wing Entry – some corrosion at flashing.*



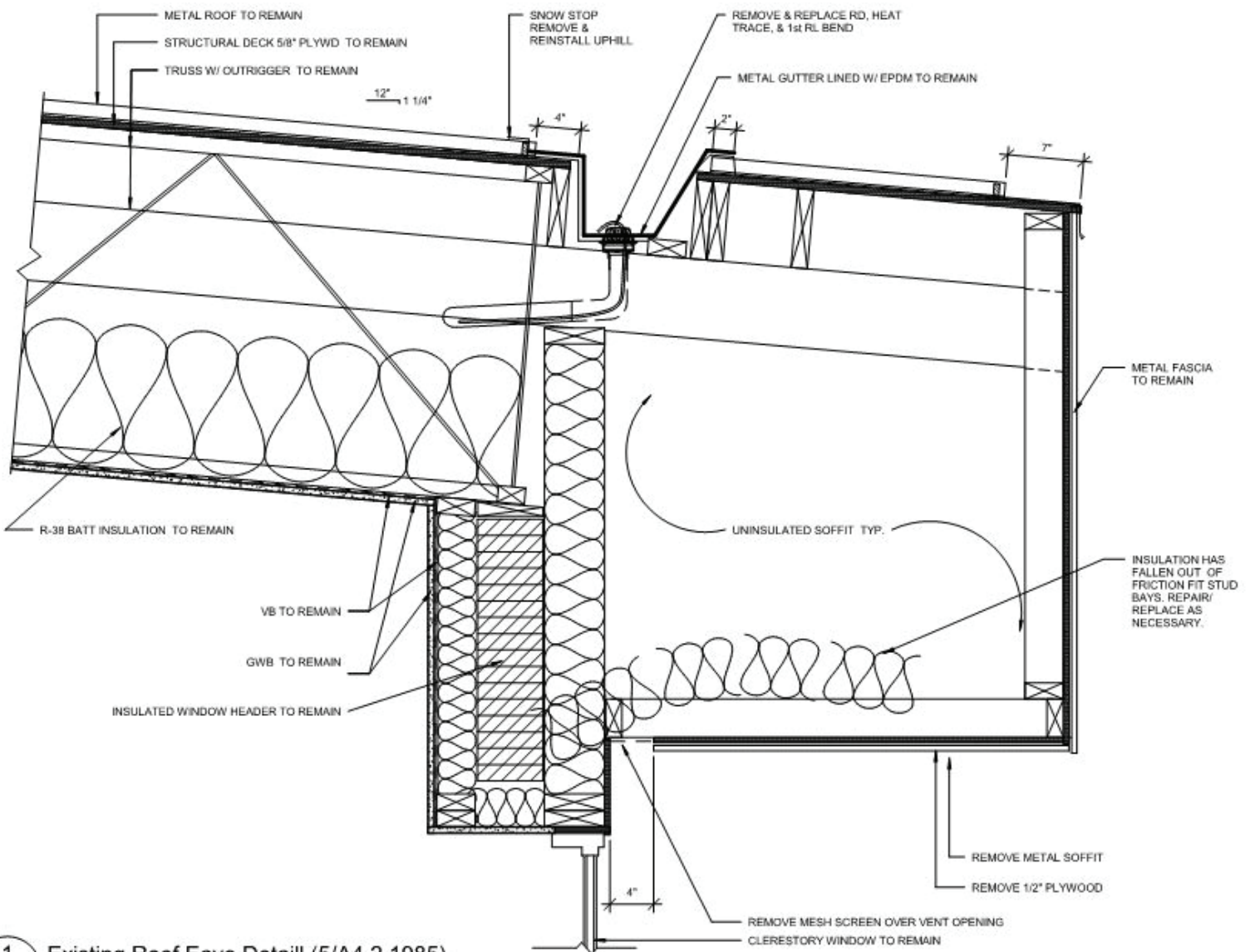
*Fig.4&5 Lower SE Tractor Shed – obvious leaks along outside wall.*

#### 4. RECOMMENDATIONS

Recommendations for repairs and retrofits to each of the schools is indicated in each of the school reviews above. The following provide more detail on the recommended improvements.

##### Recommendations and Replacement Options:

- 1. Roof Gutter Leak Assessment** – All gutters should be cleaned of silt and leaf build up seasonally, particularly in the fall before snow buildup. The heat trace should be checked to confirm that it is on and working. The existing roof and gutter detail is indicated below:

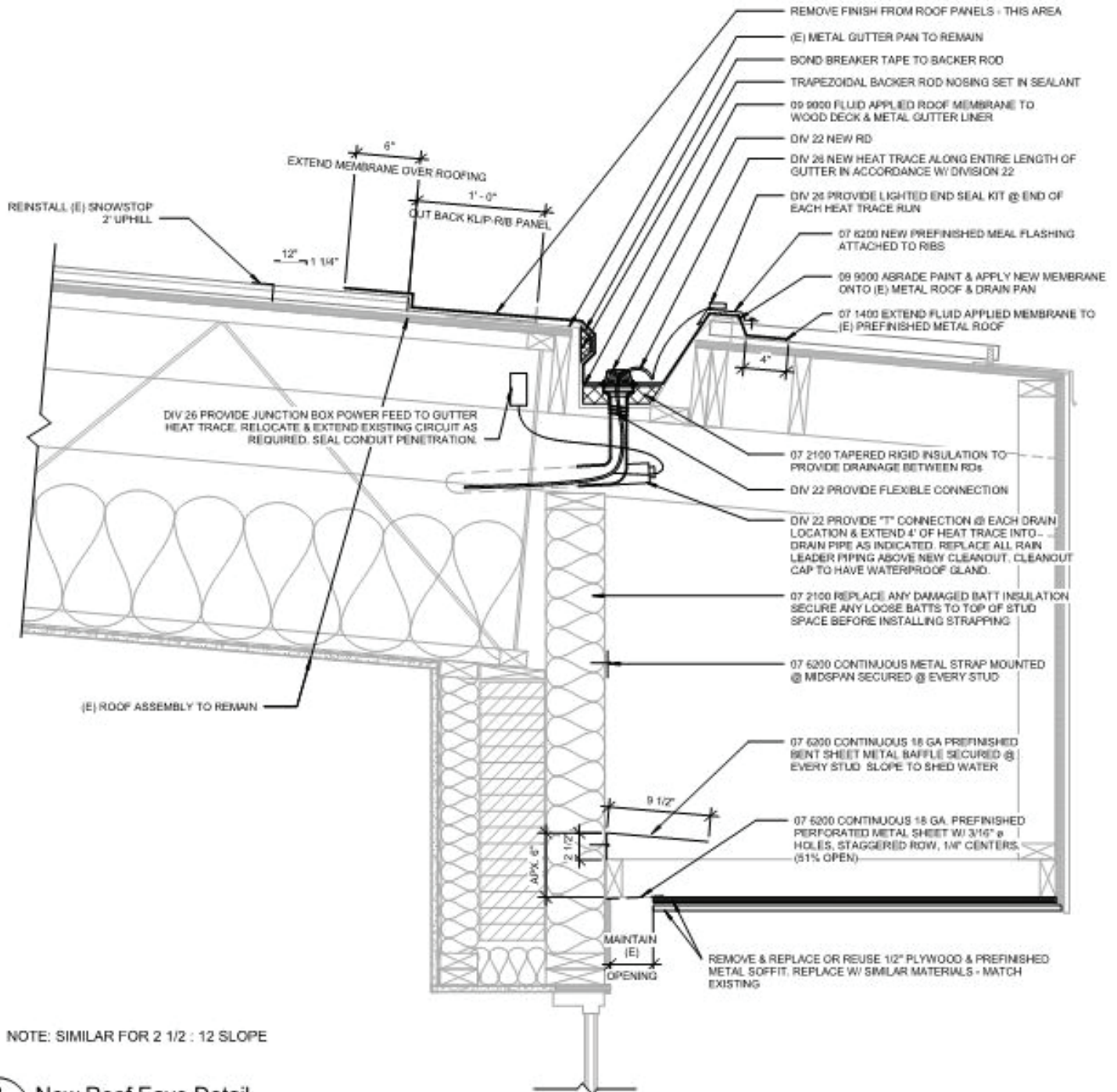


1 Existing Roof Eave Detail (5/A4.2 1985)  
A7.01 SCALE: 1 1/2" = 1'-0"

0 3' 6' 1' 2'



Tanaina Elementary had a partial fix done on the gutter membrane in 2015. This seemed to have helped to fix the leak issue at the Admin area. This fix consisted of replacing the gutter roof membrane, adding flashing, and extending the mebrane up the roof. This is likely the most cost-effective repair. The renovated gutter design from Tanaina Elementary is indicated below:

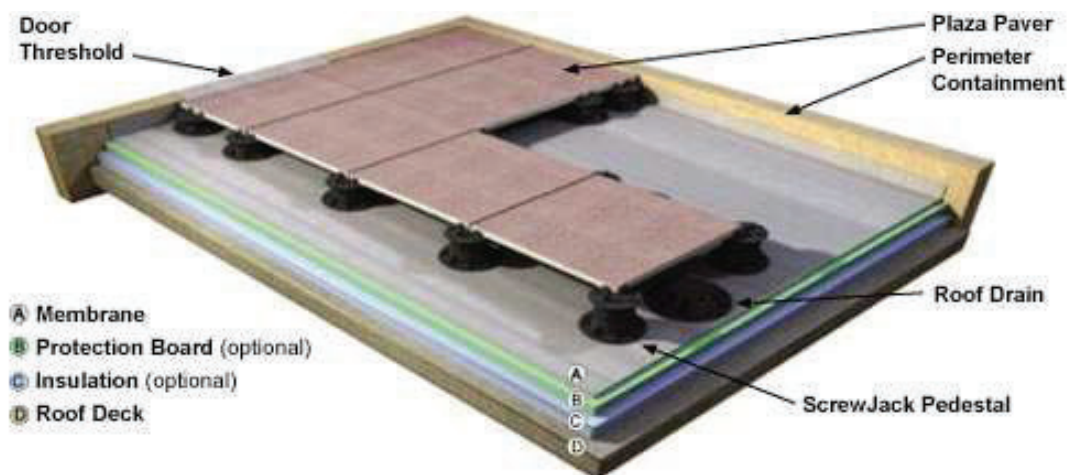


**2 New Roof Eave Detail**

A7.01 SCALE: 1 1/2" = 1'-0"

Alternative solutions would require removing large portions of the existing standing seam metal roof and could be costly. An alternative for covering over the gutter with metal roofing is indicated in the Rough Cost Estimate. This would include some demo, new sheathing, new ice and water shield, metal roofing, and new flashing. It is substantially more than the gutter repair.

2. **Exterior Wall Leak Assessment** – The repairs for this area vary based on the school. For most of the schools, the gutter leak repair helps to remove that as an area of failure.
  - a. Steel beam pockets in the masonry wall should be insulated. Verify integrity of the beam connection. Spray 2" of closed cell foam over the entire connection. Provide a non-combustible cementitious coating or intumescent paint.
  - b. Roof Drains should be insulated with a vapor barrier wrap insulation (many are, but not all). A vapor barrier wrap consists of a plastic shell on the insulation rather than a fabric covering. This helps prevent condensation buildup and drips from the pipe wrap.
  - c. Ventilation ductwork that exits the sidewall should be insulated for the first 10' from the exterior wall.
3. **Floor/Entry Slab Leak Assessment** – The failure in this area seems to indicate either degraded waterproofing membrane or flashing to membrane leaks. This is very difficult to confirm due to the sidewalk cover buildup over these areas. The exposed flashing is degraded or corroded in most cases.
  - a. **Flashing replacement:**  
Areas of flashing along the wall to sidewalk transition should be replaced.
  - b. **Test Case:**  
One of the older schools (Sherrod), should have the sidewalk and rigid insulation cover removed. The waterproofing membrane should be investigated and documented for condition and moisture content in the surrounding areas. The waterproofing membrane, flashing, insulation, and walking surface should then be replaced. This is suggested as a test case with one of the older schools as that seems to have had a membrane failure. This is a costly repair and so further investigation of the waterproofing membrane is warranted before providing this repair to all the schools.



Pedestals are loose-laid and not attached to the roof assembly. If insulation is used, refer to the Insulation Manufacturer for p.s.i. requirements.



Rather building up the same assembly which will likely fail again in 25-30 years, a new removable paver system might be considered. This is a more costly system, but would allow easier access for future repairs and replacement.

4. The areas of damaged ceiling tile and drywall should be repaired. This will help in identifying any continued issues if they occur.

Due to the overall capital cost of all the recommendations, the work will likely have to be phased as funding is procured. The rough costs provided can help provide a road map for selected work at each school. This also allows for the “test case” noted above, which would investigate and find the best solution for the failing concrete slab at the Classroom wing Entries.

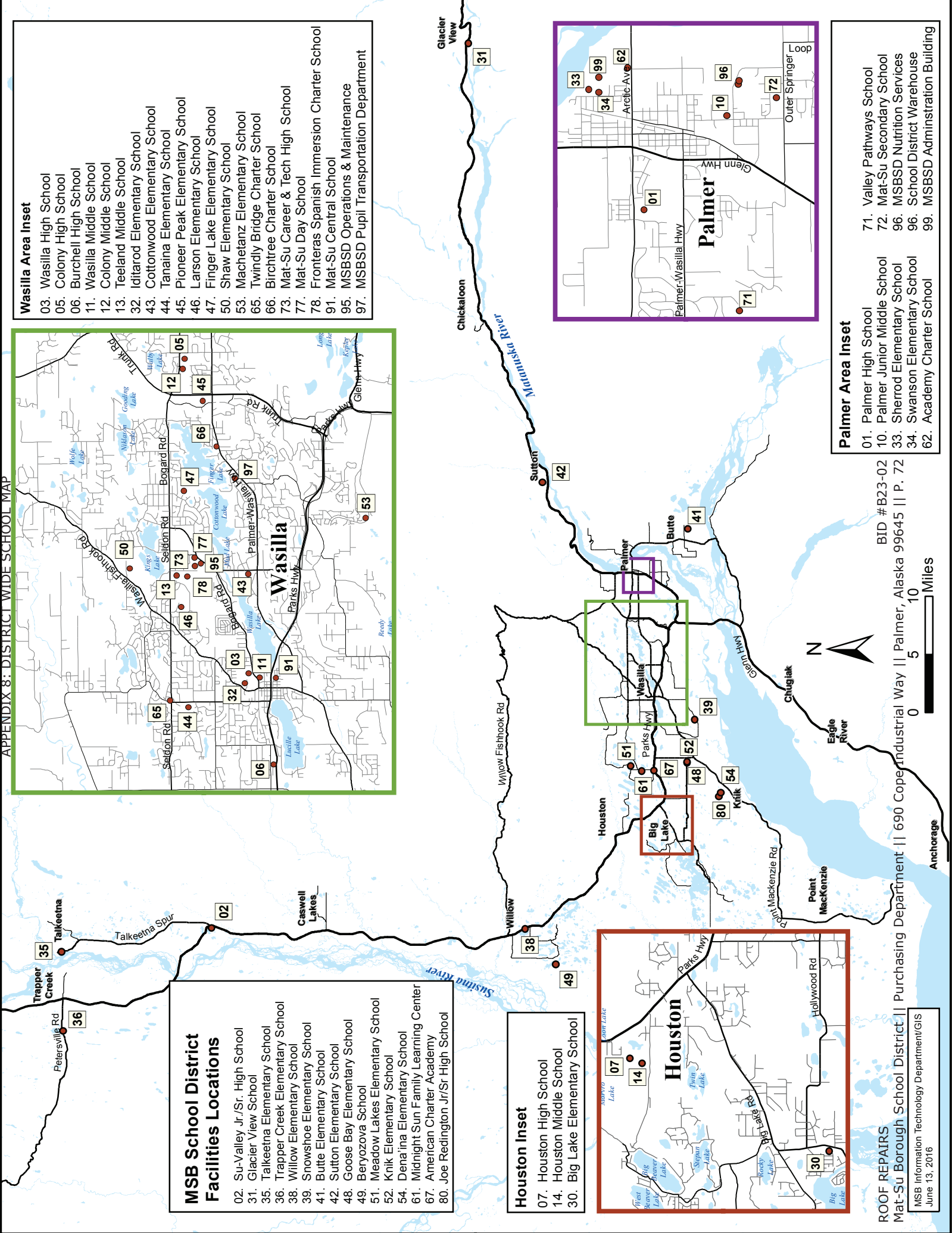
In addition, some recommendations have been indicated that may prove cost prohibitive. These items include roofing over all the internal gutters. The MSBSD will have to evaluate available funds and the level that they would like to pursue the fixes on these facilities.

### **Rough Costs**

Rough order of magnitude costs have been created for each of these options and are indicated in the pages that follow. Obviously, the cost varies significantly based on the scope of work and product used.

Doing all of the work indicated would be a significant capital cost and would have to be planned and budgeted for future construction projects. It should also be noted that construction costs in 2022 have escalated substantially in the past 2 years, with increases in many products going beyond 30%. Available costs have been provided to allow for budgetary pricing. If work is extended out over a number of years, additional escalation and contingency costs should be included.







# Matanuska-Susitna Borough School District School Calendar 2022-2023

S M T W T F S

JULY						
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

AUGUST						
	1	2	3	4	5	6
7	8	9	WD	PD	PD	13
14	WD	SO		17	18	19
21	22	PK/K		24	25	26
28	29	30	31			

SEPTEMBER						
				PD	PD	3
4	H	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

OCTOBER						
						1
2	3	4	5	6	7	8
9	10	11	12	13	Q1	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	PC					

NOVEMBER						
	1	2	3	4	5	
6	7	8	9	10	PD	12
13	14	15	16	17	18	19
20	21	22	23	H	H	26
27	28	29	30			

DECEMBER						
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	Q2	WD	24
25	H	V	V	V	V	31

## August

10	Work Day for Teachers (WD)*
11-12	Professional Development Days (PD)*
15	Work Day for Teachers (WD)*
16	School Opens for 1-12 (SO)
23	First Day for Preschool/Kindergarten

## September

1-2	Professional Development Days (PD)*
5	Labor Day Holiday (H)*

## October

14	Quarter 1 Ends (41 Days)
31	Parent Conference Day (PC)*

## November

11	Professional Development Day (PD)*
24-25	Thanksgiving Holiday (H)*

## December

22	Quarter 2 Ends (45 Days)
23	Work Day for Teachers (WD)*
26	Christmas Holiday (H)*
27-30	Winter Vacation (V)*

## January

2	New Years Day (H)*
3-6	Winter Vacation (V)*
16	Martin Luther King Jr. Day (H)*

## February

24	Parent Conference Day (PC)*
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## March

9	Quarter 3 Ends (42 Days)
10	Work Day for Teachers (WD)*
13-17	Spring Vacation (V)*

## April

28	Professional Development Day (PD)*
----	------------------------------------

## May

19	School Closes/Quarter 4 Ends (44 Days)
22	Work Day for Teachers (WD)*

\* Indicates no school for students

S M T W T F S

JANUARY						
1	H	V	V	V	V	7
8	9	10	11	12	13	14
15	H	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY						
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	PC	25
26	27	28				

MARCH						
		1	2	3	4	
5	6	7	8	Q3	WD	11
12	V	V	V	V	V	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

APRIL						
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	PD	29
30						

MAY						
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	SC	20
21	WD	23	24	25	26	27
28	H	30	31			

JUNE						
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



# MINIMUM RATES OF PAY For Laborers and Mechanics

Effective September 1, 2022

Issue 45

PAMPHLET No. 600

Title 36. Public Contracts  
AS 36.05

DEPARTMENT OF LABOR  
AND WORKFORCE DEVELOPMENT

Wage and Hour

ROOF REPAIRS

Mat-Su Borough School District || Purchasing Department || 690 Cope Industrial Way || Palmer, Alaska 99645 || P. 74

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THE STATE  
of **ALASKA**  
GOVERNOR MIKE DUNLEAVY

## Department of Labor and Workforce Development

Office of the Commissioner

Post Office Box 111149  
Juneau, Alaska 99811  
Main: 907.465.2700  
fax: 907.465-2784

September 1, 2022

### TO ALL CONTRACTING AGENCIES:

At the Alaska Department of Labor and Workforce Development our goal is putting Alaskans to work. This pamphlet is designed to help contractors awarded public construction contracts understand the most significant laws of the State of Alaska pertaining to prevailing wage.

This pamphlet identifies current prevailing wage rates for public construction contracts (any construction projects awarded for the State of Alaska or its political subdivisions, such as local governments and certain non-profit organizations). Because these rates may change in a subsequent determination, please be sure you are using the appropriate rates. The rates published in this edition become effective September 1, 2022.

The prevailing wage rates contained in this pamphlet are applicable to public construction projects with a final bid date of September 11, 2022, or later. As the law now provides, these rates will remain stable during the life of a contract or for 24 calendar months, whichever is shorter. **The 24-month period begins on the date the prime contract is awarded.** Upon expiration of the initial 24-month period, the latest wage rates issued by the department shall become effective for a subsequent 24-month period or until the original contract is completed, whichever occurs first. This process shall be repeated until the original contract is completed.

The term "original contract" means the signed contract that resulted from the original bid and any amendments, including changes of work scope, additions, extensions, change orders, and other instruments agreed to by the parties that have not been subject to subsequent open bid procedures.

If a higher federal rate is required due to partial federal funding or other federal participation, the higher rate must be paid.

For additional copies of this pamphlet go to: <http://labor.state.ak.us/lss/pamp600.htm>

For questions regarding prevailing wage or employment preference requirements, please contact the nearest Wage and Hour office. These offices are listed on Page x.

Sincerely,

A handwritten signature in black ink, reading "Tamika L. Ledbetter".

Dr. Tamika L. Ledbetter  
Commissioner



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**Note to Readers:** The statutes and administrative regulations listed in this publication were taken from the official codes, as of the effective date of the publication. However, there may be errors or omissions that have not been identified and changes that occurred after the publication was printed. This publication is intended as an informational guide only and is not intended to serve as a precise statement of the statutes and regulations of the State of Alaska. To be certain of current laws and regulations, please refer to the official codes.

**EXCERPTS FROM ALASKA LAW****Sec. 36.05.005. Applicability.**

This chapter applies only to a public construction contract that exceeds \$25,000.

**Sec. 36.05.010. Wage rates on public construction.**

A contractor or subcontractor who performs work on a public construction contract in the state shall pay not less than the current prevailing rate of wages for work of a similar nature in the region in which the work is done. The current prevailing rate of wages is that contained in the latest determination of prevailing rate of wages issued by the Department of Labor and Workforce Development at least 10 days before the final date for submission of bids for the contract. The rate shall remain in effect for the life of the contract or for 24 calendar months, whichever is shorter. At the end of the initial 24-month period, if new wage determinations have been issued by the department, the latest wage determination shall become effective for the next 24-month period or until the contract is completed, whichever occurs first. This process shall be repeated until the contract is completed.

**Sec. 36.05.040. Filing schedule of employees, wages paid, and other information.**

All contractors or subcontractors who perform work on a public construction contract for the state or for a political subdivision of the state shall, before the Friday of every second week, file with the Department of Labor and Workforce Development a sworn affidavit for the previous reporting period, setting out in detail the number of persons employed, wages paid, job classification of each employee, hours worked each day and week, and other information on a form provided by the Department of Labor and Workforce Development.

**Sec. 36.05.045. Notice of work and completion; withholding of payment.**

- (a) Before commencing work on a public construction contract, the person entering into the contract with a contracting agency shall designate a primary contractor for purposes of this section. Before work commences, the primary contractor shall file a notice of work with the Department of Labor and Workforce Development. The notice of work must list work to be performed under the public construction contract by each contractor who will perform any portion of work on the contract and the contract price being paid to each contractor. The primary contractor shall pay all filing fees for each contractor performing work on the contract, including a filing fee based on the contract price being paid for work performed by the primary contractor's employees. The filing fee payable shall be the sum of all fees calculated for each contractor. The filing fee shall be one percent of each contractor's contract price. The total filing fee payable by the primary contractor under this subsection may not exceed \$5,000. In this subsection, "contractor" means an employer who is using employees to perform work on the public construction contract under the contract or a subcontract.
- (b) Upon completion of all work on the public construction contract, the primary contractor shall file with the Department of Labor and Workforce Development a notice of completion together with payment of any additional filing fees owed due to increased contract amounts. Within 30 days after the department's receipt of the primary contractor's notice of completion, the department shall inform the contracting agency of the amount, if any, to be withheld from the final payment.
- (c) A contracting agency
  - (1) may release final payment of a public construction contract to the extent that the agency has received verification from the Department of Labor and Workforce Development that
    - (A) the primary contractor has complied with (a) and (b) of this section;
    - (B) the Department of Labor and Workforce Development is not conducting an investigation under this title; and
    - (C) the Department of Labor and Workforce Development has not issued a notice of a violation of this chapter to the primary contractor or any other contractors working on the public construction contract; and

- (2) shall withhold from the final payment an amount sufficient to pay the department's estimate of what may be needed to compensate the employees of any contractors under investigation on this construction contract, and any unpaid filing fees.
- (d) The notice and filing fee required under (a) of this section may be filed after work has begun if
  - (1) The public construction contract is for work undertaken in immediate response to an emergency; and
  - (2) The notice and fees are filed not later than 14 days after the work has begun.
- (e) A false statement made on a notice required by this section is punishable under AS 11.56.210.

**Sec. 36.05.060. Penalty for violation of this chapter.**

A contractor who violates this chapter is guilty of a misdemeanor and upon conviction is punishable by a fine of not less than \$100 nor more than \$1,000, or by imprisonment for not less than 10 days nor more than 90 days, or by both. Each day a violation exists constitutes a separate offense.

**Sec. 36.05.070. Wage rates in specifications and contracts for public works.**

- (a) The advertised specifications for a public construction contract that requires or involves the employment of mechanics, laborers, or field surveyors must contain a provision stating the minimum wages to be paid various classes of laborers, mechanics, or field surveyors and that the rate of wages shall be adjusted to the wage rate under AS 36.05.010.
- (b) Repealed by §17 ch 142 SLA 1972.
- (c) A public construction contract under (a) of this section must contain provisions that
  - (1) the contractor or subcontractors of the contractor shall pay all employees unconditionally and not less than once a week;
  - (2) wages may not be less than those stated in the advertised specifications, regardless of the contractual relationship between the contractor or subcontractors and laborers, mechanics, or field surveyors;
  - (3) the scale of wages to be paid shall be posted by the contractor in a prominent and easily accessible place at the site of the work;
  - (4) the state or a political subdivision shall withhold so much of the accrued payments as is necessary to pay to laborers, mechanics, or field surveyors employed by the contractor or subcontractors the difference between
    - (A) the rates of wages required by the contract to be paid laborers, mechanics, or field surveyors on the work; and
    - (B) the rates of wages in fact received by laborers, mechanics, or field surveyors.

**Sec. 36.05.080. Failure to pay agreed wages.**

Every contract within the scope of AS 36.05.070 shall contain a provision that if it is found that a laborer, mechanic, or field surveyor employed by the contractor or subcontractor has been or is being paid a rate of wages less than the rate of wages required by the contract to be paid, the state or its political subdivision may, by written notice to the contractor, terminate the contractor's right to proceed with the work or the part of the work for which there is a failure to pay the required wages and to prosecute the work to completion by contract or otherwise, and the contractor and the contractor's sureties are liable to the state or its political subdivision for excess costs for completing the work.

**Sec. 36.05.090. Payment of wages from withheld payments and listing contractors who violate contracts.**

- (a) The state disbursing officer in the case of a state public construction contract and the local fiscal officer in the case of a political subdivision public construction contract shall pay directly to laborers, mechanics, or field surveyors from accrued payments withheld under the terms of the contract the wages due laborers, mechanics, or field surveyors under AS 36.05.070.
- (b) The state disbursing officer or the local fiscal officer shall distribute to all departments of the state government and to all political subdivisions of the state a list giving the names of persons who have disregarded their obligations to employees. A person appearing on this list and a firm, corporation, partnership, or association in which the person has an interest may not work as a contractor or

subcontractor on a public construction contract for the state or a political subdivision of the state until three years after the date of publication of the list. If the accrued payments withheld under the contract are insufficient to reimburse all the laborers, mechanics, or field surveyors with respect to whom there has been a failure to pay the wages required under AS 36.05.070, the laborers, mechanics, or field surveyors have the right of action or intervention or both against the contractor and the contractor's sureties conferred by law upon persons furnishing labor or materials, and in the proceedings it is not a defense that the laborers, mechanics, or field surveyors accepted or agreed to accept less than the required rate of wages or voluntarily made refunds.

**Sec. 36.05.900. Definition.**

In this chapter, "contracting agency" means the state or a political subdivision of the state that has entered into a public construction contract with a contractor.

**EXCERPTS FROM ALASKA ADMINISTRATIVE CODE**

**\*\*\*Notice:** Regulations relating to board and lodging and per diem went into effect on November 25, 2018. The new regulations are excerpted here\*\*\*

**8 AAC 30.051. Purpose.** The purpose of 8 AAC 30.052 – 8 AAC 30.056 is to ensure that wages paid to laborers, mechanics, and field surveyors do not fall below the prevailing rate of pay.

**8 AAC 30.052. Board and lodging; remote sites.** (a) A contractor on a public construction project located 65 or more road miles from the international airport closest to the project area in either Fairbanks, Juneau, or Anchorage, or that is inaccessible by road in a two-wheel drive vehicle, shall provide adequate board and lodging to each laborer, mechanic, or field surveyor while the person is employed on the project. If commercial lodging facilities are not available, the contractor shall provide temporary lodging facilities. Lodging facilities must comply with all applicable state and federal laws. For a highway project, the location of the project is measured from the midpoint of the project.

(b) A contractor is not required to provide board and lodging:

(1) to a laborer, mechanic, or field surveyor who is a domiciled resident of the project area; or

(2) on a laborer, mechanic, or field surveyor's scheduled days off, when the person can reasonably travel between the project and the person's permanent residence; for the purposes of this paragraph, "scheduled day off" means a day in which a person does not perform work on-site, is not required to remain at or near the job location for the benefit of the contractor, and is informed of the day off at least seven days before the day off.

(c) Upon a contractor's written request, the commissioner may waive the requirements of (a) of this section where:

(1) the project is inaccessible by road in a two-wheel drive vehicle, but the laborer, mechanic, or field surveyor can reasonably travel between the project and the person's permanent residence within one hour; or

(2) a laborer, mechanic, or field surveyor is not a domiciled resident of the project area, but has established permanent residence, with the intent to remain indefinitely, within 65 road miles of the project, or for a highway project, the mid-point of the project.

**8 AAC 30.054. Per diem instead of board and lodging.** (a) A contractor may pay a laborer, mechanic, or field surveyor per diem instead of providing board and lodging, when the following conditions are met:

(1) the department determines that per diem instead of board and lodging is an established practice for the work classification; the department shall publish and periodically revise its determinations in the pamphlet *Laborers and Mechanics Minimum Rates of Pay*;

(2) the contractor pays each laborer, mechanic, or field surveyor the appropriate per diem rate as published and periodically revised in the pamphlet *Laborers and Mechanics Minimum Rates of Pay*; and



(3) the contractor pays the per diem to each laborer, mechanic, or field surveyor on the same day that wages are paid.

(b) A contractor may not pay per diem instead of board and lodging on a highway project located

- (1) west of Livengood on the Elliot Highway, AK-2;
- (2) on the Dalton Highway, AK-11;
- (3) north of milepost 20 on the Taylor Highway, AK-5;
- (4) east of Chicken on the Top of the World Highway; or
- (5) south of Tetlin Junction to the Alaska-Canada border on the Alaska Highway, AK-2.

**8 AAC 30.056. Alternative arrangement.** Upon a contractor's written request, the commissioner may approve an alternative board and lodging or per diem arrangement, provided

- (1) the arrangement does not reduce the laborer, mechanic, or field surveyor's wages below the prevailing wage rate; and
- (2) the laborer, mechanic, or field surveyor voluntarily enters into and signs the written arrangement; a labor organization representing laborers, mechanics, or field surveyors may enter into the written agreement on their behalf.

**8 AAC 30.900. General definitions** (selected excerpts only):

In this chapter and in AS 36

(22) "domiciled resident" means a person living within 65 road miles of a public construction project, or in the case of a highway project, the mid-point of the project, for at least 12 consecutive months prior to the award of the public construction project;

(23) "employed on the project" means the time period from the date the laborer, mechanic, or field surveyor first reports on-site to the project through the final date the person reports on-site to the project.

## ADDITIONAL INFORMATION

### **PER DIEM**

**Notice:** New regulations relating to board and lodging and per diem went into effect on November 25, 2018. The regulations provide a comprehensive set of requirements for the provision of board and lodging or per diem for workers on remote projects. Please refer to Alaska Administrative Code 8 AAC Chapter 30 and read the chapter carefully.

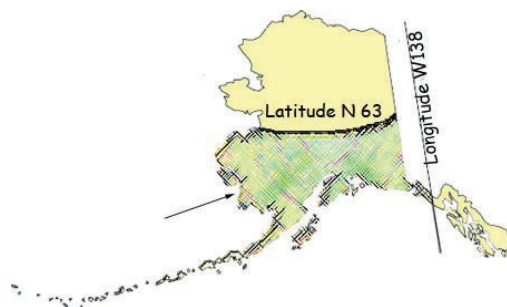
The Alaska Department of Labor and Workforce Development has determined that per diem is an established work practice for certain work classifications. These classifications are indicated throughout the Pamphlet by an asterisk (\*) under the classification title. If all of the conditions of 8 AAC 30.054 are met, an employer may pay workers in these classifications per diem instead of providing board and lodging on a remote project.

**Per Diem Rate:** As of May 1<sup>st</sup>, 2019, the minimum per diem rate is \$100.00 per day, or part thereof, the worker is employed on the project. In the event that a contractor provides lodging facilities, but no meals, the department will accept a payment of \$48 per day for meals to meet the per diem requirements.

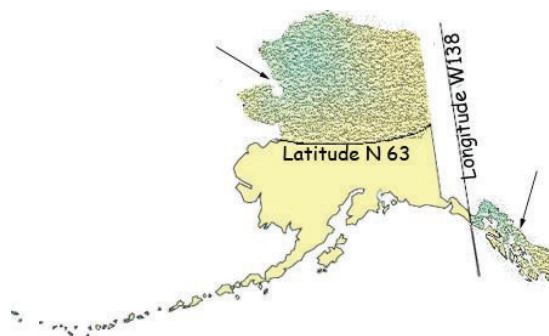
**LABORER CLASSIFICATION CLARIFICATION**

The laborer rates categorized in class code S1201-S1206 apply in one area of Alaska; the area that is south of N63 latitude and west of W138 Longitude. The laborer rates categorized in class code N1201-N1206 apply in two areas of Alaska; the Alaska areas north of N63 latitude and east of W138 longitude. The following graphic representations should assist with clarifying the applicable wage rate categories:

S1201-  
S1206



N1201-  
N1206

**APPRENTICE RATES**

Apprentice rates at less than the minimum prevailing rates may be paid to apprentices according to an apprentice program which has been registered and approved by the Commissioner of the Alaska Department of Labor and Workforce Development in writing or according to a bona fide apprenticeship program registered with the U.S. Department of Labor, Office of Apprenticeship Training. **Any employee listed on a payroll at an apprentice wage rate who is not registered as above shall be paid the journeyman prevailing minimum wage in that work classification.** Wage rates are based on prevailing crew makeup practices in Alaska and apply to work performed regardless of either the quality of the work performed by the employee or the titles or classifications which may be assigned to individual employees.

**FRINGE BENEFIT PLANS**

Contractors/subcontractors may compensate fringe benefits to their employees in any one of three methods. The fringe benefits may be paid into a union trust fund, into an approved benefit plan, or paid directly on the paycheck as gross wages.

Where fringe benefits are paid into approved plans, funds, or programs including union trust funds, the payments must be contributed at least monthly. If contractors submit their own payroll forms and are paying fringe benefits into approved plans, funds, or programs, the employer's certification must include, in addition to those requirements of 8 AAC 30.020(c), a statement that fringe benefit payments have been or will be paid at least monthly. Contractors who pay fringe benefits to a plan must ensure the plan is one approved by the Internal Revenue Service and that the plan meets the requirements of 8 AAC 30.025 (eff. 3/2/08) in order for payments to be credited toward the prevailing wage obligation.

**SPECIAL PREVAILING WAGE RATE DETERMINATION**

Special prevailing wage rate determinations may be requested for special projects or a special worker classification if the work to be performed does not conform to traditional public construction for which a prevailing wage rate has been established under 8 AAC 30.050(a) of this section. Requests for special wage rate determinations must be in writing and filed with the Commissioner at least 30 days before the award of the contract. An applicant for a special wage rate determination shall have the responsibility to support the necessity for the special rate. An application for a special wage rate determination filed under this section must contain:

- (1) a specification of the contract or project on which the special rates will apply and a description of the work to be performed;
- (2) a brief narrative explaining why special wage rates are necessary;
- (3) the job class or classes involved;
- (4) the special wage rates the applicant is requesting, including survey or other relevant wage data to support the requested rates;
- (5) the approximate number of employees who would be affected; and
- (6) any other information which might be helpful in determining if special wage rates are appropriate.

Requests made pursuant to the above should be addressed to:

Director  
Alaska Department of Labor and Workforce Development  
Labor Standards and Safety Division  
Wage and Hour  
P.O. Box 111149  
Juneau, AK 99811-1149  
-or-  
Email: [statewide.wagehour@alaska.gov](mailto:statewide.wagehour@alaska.gov)

**EMPLOYMENT PREFERENCE INFORMATION**

In October 2019, the Alaska Attorney General issued a formal opinion stating that the Alaska Statutes 36.10.150 of the State's 90% Employment Preference law, also known as the Alaska Resident Hire law, violates both the U.S. and Alaska Constitutions. As a result, the state has stopped all enforcement activity.

A copy of the Attorney General opinion is found here:

[http://law.alaska.gov/pdf/opinions/opinions\\_2019/19-005\\_AK-hire.pdf](http://law.alaska.gov/pdf/opinions/opinions_2019/19-005_AK-hire.pdf)

**Alaska Department of Labor and Workforce Development**  
**Labor Standards and Safety Division**  
**Wage and Hour**  
**Web site: <http://labor.state.ak.us/lss/pamp600.htm>**

**Anchorage**

1251 Muldoon Road, Suite 113  
 Anchorage, Alaska 99504-2098  
 Phone: (907) 269-4900

Email:  
[statewide.wagehour@alaska.gov](mailto:statewide.wagehour@alaska.gov)

**Juneau**

PO Box 111149  
 Juneau, Alaska 99811  
 Phone: (907) 465-4842

Email:  
[statewide.wagehour@alaska.gov](mailto:statewide.wagehour@alaska.gov)

**Fairbanks**

Regional State Office Building  
 675 7<sup>th</sup> Ave., Station J-1  
 Fairbanks, Alaska 99701-4593  
 Phone: (907) 451-2886

Email:  
[statewide.wagehour@alaska.gov](mailto:statewide.wagehour@alaska.gov)

**LABOR STANDARDS AND SAFETY NOTICE REQUESTS**

If you would like to receive Wage and Hour or Mechanical Inspection **regulation notices** or **publications information**, they are available via electronic mail, by signing up in the GovDelivery System, <https://public.govdelivery.com/accounts/AKDOL/subscriber/new> and selecting topics *LSS – Wage and Hour – Forms and Publications*, *LSS – Mechanical Inspection Regulations*, or *LSS – Wage and Hour Regulations*.

*Publications* are also available online at <http://labor.alaska.gov/lss/home.htm>

**DEBARMENT LIST**

**AS 36.05.090(b)** states that “the state disbursing officer or the local fiscal officer shall distribute to all departments of the state government and to all political subdivisions of the state a list giving the names of persons who have disregarded their obligations to employees.”

A person appearing on the following debarment list and a firm, corporation, partnership, or association in which the person has an interest may not work as a contractor or subcontractor on a public construction contract for the state or a political subdivision of the state for three years from the date of debarment.

Company Name

Debarment Expires

No companies are currently debarred.



# Laborers' & Mechanics' Minimum Rates of Pay

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
<b>Boilermakers</b>							
*See per diem note on last page							
<b>A0101</b>	Boilermaker (journeyman)	46.97	8.57	18.08	1.90	VAC 4.25 SAF 0.34	80.11
<b>Bricklayers &amp; Blocklayers</b>							
*See per diem note on last page							
<b>A0201</b>	Blocklayer	42.01	9.00	10.20	0.62	L&M 0.20	62.03
	Bricklayer						
	Marble or Stone Mason						
	Refractory Worker (Firebrick, Plastic, Castable, and Gunitite Refractory Applications)						
	Terrazzo Worker						
	Tile Setter						
<b>A0202</b>	Tuck Pointer Caulker	42.01	9.00	10.20	0.62	L&M 0.20	62.03
	Cleaner (PCC)						
<b>A0203</b>	Marble & Tile Finisher	35.84	9.00	10.20	0.62	L&M 0.20	55.86
	Terrazzo Finisher						
<b>A0204</b>	Torginal Applicator	35.84	9.00	10.20	0.62	L&M 0.20	55.86
<b>Carpenters, Region I (North of 63 latitude)</b>							
*See per diem note on last page							
<b>N0301</b>	Carpenter (journeyman)	43.34	10.35	15.82	1.75	L&M 0.20 SAF 0.20	71.66
	Lather/Drywall/Acoustical						
<b>Carpenters, Region II (South of N63 latitude)</b>							
*See per diem note on last page							
<b>S0301</b>	Carpenter (journeyman)	43.34	10.35	16.36	1.75	L&M 0.20 SAF 0.20	72.20
	Lather/Drywall/Acoustical						
<b>Cement Masons</b>							
*See per diem note on last page							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
<b>Cement Masons</b>							
*See per diem note on last page							
							<b>L&amp;M</b>
<b>A0401</b>	Group I, including:	40.13	8.70	11.80	1.43	0.10	62.16
	Application of Sealing Compound						
	Application of Underlayment						
	Building, General						
	Cement Finisher						
	Cement Mason (journeyman)						
	Concrete						
	Concrete Paving						
	Concrete Polishing						
	Concrete Repair						
	Curb & Gutter, Sidewalk						
	Curing of All Concrete						
	General Concrete Pour Tender						
	Grouting & Caulking of Tilt-Up Panels						
	Grouting of All Plates						
	Patching Concrete						
	Screed Pin Setter						
	Screeder or Rodder						
	Spackling/Skim Coating						
							<b>L&amp;M</b>
<b>A0402</b>	Group II, including:	40.13	8.70	11.80	1.43	0.10	62.16
	Form Setter						
							<b>L&amp;M</b>
<b>A0403</b>	Group III, including:	40.13	8.70	11.80	1.43	0.10	62.16
	Concrete Saw Cutter Operator (All Control Joints and Self-powered)						
	Curb & Gutter Machine						
	Floor Grinder						
	Pneumatic Power Tools						
	Power Chipping & Bushing						
	Sand Blasting Architectural Finish						
	Screed & Rodding Machine Operator						
	Troweling Machine Operator (all concrete surfaces)						
							<b>L&amp;M</b>
<b>A0404</b>	Group IV, including:	40.13	8.70	11.80	1.43	0.10	62.16
	Acoustical or Imitation Acoustical Finish						
	Application of All Composition Mastic						
	Application of All Epoxy Material						
	Application of All Plastic Material						
	Finish Colored Concrete						
	Guniting Nozzleman						
	Hand Powered Grinder						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
<b>Cement Masons</b>							
*See per diem note on last page							
		<b>L&amp;M</b>					
<b>A0404</b>	Group IV, including:	40.13	8.70	11.80	1.43	0.10	62.16
	Preparing, scratching and browsing of all ceilings and walls, finished with terrazo or tile						
	Tunnel Worker						
		<b>L&amp;M</b>					
<b>A0405</b>	Group V, including:	40.13	8.70	11.80	1.43	0.10	62.16
	Casting and finishing						
	EIFS Systems						
	Finishing of all interior and exterior plastering						
	Fireproofing (Pryocrete, Cafco, Albi-Clad, sprayed fiberglass)						
	Gypsum, Portland Cement						
	Kindred material and products						
	Operation and control of all types of plastering machines, including power tools and floats, used by the industry						
	Overcoating and maintenance of interior/exterior plaster surfaces						
	Plasterer						
	Veneer plastering process (Rapid Plaster, U.S.G. "Imperial Systems", and Pabcoat Systems")						
	Venetian plaster and color-integrated Italian/Middle-Eastern line plaster						
<b>Culinary Workers</b>							
		<b>LEG</b>					
<b>A0501</b>	Baker/Cook	29.12	7.31	8.68			45.11
		<b>LEG</b>					
<b>A0503</b>	General Helper	25.82	7.31	8.68			41.81
	Housekeeper						
	Janitor						
	Kitchen Helper						
		<b>LEG</b>					
<b>A0504</b>	Head Cook	29.72	7.31	8.68			45.71
		<b>LEG</b>					
<b>A0505</b>	Head Housekeeper	26.20	7.31	8.68			42.19
	Head Kitchen Help						
<b>Dredgemen</b>							
*See per diem note on last page							
		<b>L&amp;M</b>					
<b>A0601</b>	Assistant Engineer	42.76	11.05	13.75	1.00	0.10	68.71
	Craneman						

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Dredgemen</b>								
*See per diem note on last page								
A0601	Assistant Engineer	42.76	11.05	13.75	1.00	L&M		68.71
	Electrical Generator Operator (primary pump/power barge/dredge)							
	Engineer							
	Welder							
A0602	Assistant Mate (deckhand)	41.60	11.05	13.75	1.00	L&M		67.55
A0603	Fireman	42.04	11.05	13.75	1.00	L&M		67.99
A0605	Leverman Clamshell	45.29	11.05	13.75	1.00	L&M		71.24
A0606	Leverman Hydraulic	43.53	11.05	13.75	1.00	L&M		69.48
A0607	Mate & Boatman	42.76	11.05	13.75	1.00	L&M		68.71
A0608	Oiler (dredge)	42.04	11.05	13.75	1.00	L&M		67.99
<b>Electricians</b>								
*See per diem note on last page								
A0701	Inside Cable Splicer	42.77	14.23	13.92	0.95	L&M	LEG	72.22
A0702	Inside Journeyman Wireman, including:	42.44	14.23	14.16	0.95	L&M	LEG	72.13
	Technicians (including use of drones in electrical construction)							
A0703	Power Cable Splicer	63.04	14.23	19.08	0.95	L&M	LEG	97.70
A0704	Tele Com Cable Splicer	50.53	14.23	17.17	0.95	L&M	LEG	83.23
A0705	Power Journeyman Lineman, including:	61.29	14.23	19.03	0.95	L&M	LEG	95.90
	Power Equipment Operator							
	Technician (including use of drones in electrical construction)							
A0706	Tele Com Journeyman Lineman, including:	48.78	14.23	17.11	0.95	L&M	LEG	81.42
	Technician (including use of drones in telecommunications construction)							
	Tele Com Equipment Operator							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Electricians</b>								
*See per diem note on last page								
<b>A0707</b>	Straight Line Installer - Repairman	48.78	14.23	17.11	0.95	L&M	LEG	81.42
						0.20	0.15	
<b>A0708</b>	Powderman	59.29	14.23	18.97	0.95	L&M	LEG	93.84
						0.25	0.15	
<b>A0710</b>	Material Handler	26.57	13.92	5.80	0.15	L&M	LEG	46.74
						0.15	0.15	
<b>A0712</b>	Tree Trimmer Groundman	29.12	14.23	13.35	0.15	L&M	LEG	57.15
						0.15	0.15	
<b>A0713</b>	Journeyman Tree Trimmer	38.05	14.23	13.62	0.15	L&M	LEG	66.35
						0.15	0.15	
<b>A0714</b>	Vegetation Control Sprayer	41.60	14.23	13.73	0.15	L&M	LEG	70.01
						0.15	0.15	
<b>A0715</b>	Inside Journeyman Communications CO/PBX	41.02	14.23	13.87	0.95	L&M	LEG	70.42
						0.20	0.15	
<b>Elevator Workers</b>								
*See per diem note on last page								
<b>A0802</b>	Elevator Constructor	44.21	16.02	20.21	0.65	L&M	VAC	86.59
						0.60	4.90	
<b>A0803</b>	Elevator Constructor Mechanic	63.16	16.02	20.21	0.65	L&M	VAC	107.65
						0.60	7.01	
<b>Heat &amp; Frost Insulators/Asbestos Workers</b>								
*See per diem note on last page								
<b>A0902</b>	Asbestos Abatement-Mechanical Systems	40.32	9.24	11.12	1.20	IAF	LML	62.07
						0.14	0.05	
<b>A0903</b>	Asbestos Abatement/General Demolition All Systems	40.32	9.24	11.12	1.20	IAF	LML	62.07
						0.14	0.05	
<b>A0904</b>	Insulator, Group II	40.32	9.24	11.12	1.20	IAF	LML	62.07
						0.14	0.05	
<b>A0905</b>	Fire Stop	40.32	9.24	11.12	1.20	IAF	LML	62.07
						0.14	0.05	
<b>Ironworkers</b>								
*See per diem note on last page								
<b>A1101</b>	Ironworkers, including:	41.49	9.91	24.95	0.77	L&M	IAF	77.56
						0.20	0.24	

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>IronWorkers</b>								
*See per diem note on last page								
<b>A1101</b>	Ironworkers, including:	41.49	9.91	24.95	0.77	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.24	77.56
	Bender Operators							
	Bridge & Structural							
	Hangar Doors							
	Hollow Metal Doors							
	Industrial Doors							
	Machinery Mover							
	Ornamental							
	Reinforcing							
	Rigger							
	Sheeter							
	Signalman							
	Stage Rigger							
	Toxic Haz-Mat Work							
	Welder							
<b>A1102</b>	Helicopter	42.49	9.91	24.95	0.77	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.24	78.56
	Helicopter (used for rigging and setting)							
	Tower (energy producing windmill type towers to include nacelle and blades)							
<b>A1103</b>	Fence/Barrier Installer	37.99	9.91	24.95	0.77	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.24	74.06
<b>A1104</b>	Guard Rail Layout Man	38.73	9.91	24.95	0.77	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.24	74.80
<b>A1105</b>	Guard Rail Installer	38.99	9.91	24.95	0.77	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.24	75.06
<b>Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)</b>								
*See per diem note on last page								
<b>N1201</b>	Group I, including:	33.00	8.95	21.16	1.40	<b>L&amp;M</b> 0.20	<b>LEG</b> 0.20	64.91
	Asphalt Worker (shovelman, plant crew)							
	Brush Cutter							
	Camp Maintenance Laborer							
	Carpenter Tender or Helper							
	Choke Setter, Hook Tender, Rigger, Signalman							
	Concrete Labor (curb & gutter, chute handler, curing, grouting, screeding)							
	Crusher Plant Laborer							
	Demolition Laborer							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)</b>								
*See per diem note on last page								

						L&M	LEG	
<b>N1201</b>	Group I, including:	33.00	8.95	21.16	1.40	0.20	0.20	64.91
	Ditch Digger							
	Dumpman							
	Environmental Laborer (hazard/toxic waste, oil spill)							
	Fence Installer							
	Fire Watch Laborer							
	Flagman							
	Form Stripper							
	General Laborer							
	Guardrail Laborer, Bridge Rail Installer							
	Hydro-seeder Nozzleman							
	Laborer, Building							
	Landscaper or Planter							
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block 4 feet or less - highway or landscape work)							
	Material Handler							
	Pneumatic or Power Tools							
	Portable or Chemical Toilet Serviceman							
	Pump Man or Mixer Man							
	Railroad Track Laborer							
	Sandblast, Pot Tender							
	Saw Tender							
	Slurry Work							
	Steam Cleaner Operator							
	Steam Point or Water Jet Operator							
	Storm Water Pollution Protection Plan Worker (SWPPP Worker - erosion and sediment control Laborer)							
	Tank Cleaning							
	Utiliwalk & Utilidor Laborer							
	Watchman (construction projects)							
	Window Cleaner							

						L&M	LEG	
<b>N1202</b>	Group II, including:	34.00	8.95	21.16	1.40	0.20	0.20	65.91
	Burning & Cutting Torch							
	Cement or Lime Dumper or Handler (sack or bulk)							
	Certified Erosion Sediment Control Lead (CESCL Laborer)							
	Choker Splicer							
	Chucktender (wagon, air-track & hydraulic drills)							
	Concrete Laborer (power buggy, concrete saws, pumpcrete nozzleman, vibratorman)							
	Culvert Pipe Laborer							
	Cured Inplace Pipelayer							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)</b>								
*See per diem note on last page								
							<b>L&amp;M</b>	<b>LEG</b>
<b>N1202</b>	Group II, including:	34.00	8.95	21.16	1.40	0.20	0.20	65.91
	Environmental Laborer (asbestos, marine work)							
	Floor Preparation, Core Drilling							
	Foam Gun or Foam Machine Operator							
	Green Cutter (dam work)							
	Guniting Operator							
	Hod Carrier							
	Jackhammer/Chipping Gun or Pavement Breaker							
	Laser Instrument Operator							
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block over 4 feet - highway or landscape work)							
	Mason Tender & Mud Mixer (sewer work)							
	Pilot Car							
	Pipelayer Helper							
	Plasterer, Bricklayer & Cement Finisher Tender							
	Powderman Helper							
	Power Saw Operator							
	Railroad Switch Layout Laborer							
	Sandblaster							
	Scaffold Building & Erecting							
	Sewer Caulker							
	Sewer Plant Maintenance Man							
	Thermal Plastic Applicator							
	Timber Faller, Chainsaw Operator, Filer							
	Timberman							
							<b>L&amp;M</b>	<b>LEG</b>
<b>N1203</b>	Group III, including:	34.90	8.95	21.16	1.40	0.20	0.20	66.81
	Bit Grinder							
	Camera/Tool/Video Operator							
	Guardrail Machine Operator							
	High Rigger & Tree Topper							
	High Scaler							
	Multiplate							
	Plastic Welding							
	Slurry Seal Squeegee Man							
	Traffic Control Supervisor							
	Welding Certified (in connection with laborer's work)							
							<b>L&amp;M</b>	<b>LEG</b>
<b>N1204</b>	Group IIIA	38.18	8.95	21.16	1.40	0.20	0.20	70.09
	Asphalt Raker, Asphalt Belly Dump Lay Down							
	Drill Doctor (in the field)							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)</b>								
*See per diem note on last page								
<b>N1204</b>	Group IIIA	38.18	8.95	21.16	1.40	<b>L&amp;M</b>	<b>LEG</b>	
						0.20	0.20	70.09
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)							
	Pipelayers							
	Powderman (Employee Possessor)							
	Storm Water Pollution Protection Plan Specialist (SWPPP Specialist)							
	Traffic Control Supervisor, DOT Qualified							
<b>N1205</b>	Group IV	22.57	8.95	21.16	1.40	<b>L&amp;M</b>	<b>LEG</b>	
						0.20	0.20	54.48
	Final Building Cleanup							
	Permanent Yard Worker							
<b>N1206</b>	Group IIIB	41.97	6.24	21.16	1.40	<b>L&amp;M</b>	<b>LEG</b>	
						0.20	0.20	71.17
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)(over 5,000 hours)							
	Federal Powderman (Responsible Person in Charge)							
	Grade Checking (setting or transferring of grade marks, line and grade, GPS, drones)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)(over 5,000 hours)							
	Stake Hopper							
<b>Laborers (The area that is south of N63 latitude and west of W138 longitude)</b>								
*See per diem note on last page								
<b>S1201</b>	Group I, including:	33.00	8.95	21.16	1.40	<b>L&amp;M</b>	<b>LEG</b>	
						0.20	0.20	64.91
	Asphalt Worker (shovelman, plant crew)							
	Brush Cutter							
	Camp Maintenance Laborer							
	Carpenter Tender or Helper							
	Choke Setter, Hook Tender, Rigger, Signalman							
	Concrete Labor (curb & gutter, chute handler, curing, grouting, screeding)							
	Crusher Plant Laborer							
	Demolition Laborer							
	Ditch Digger							
	Dumpman							
	Environmental Laborer (hazard/toxic waste, oil spill)							
	Fence Installer							
	Fire Watch Laborer							
	Flagman							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Laborers (The area that is south of N63 latitude and west of W138 longitude)</b>								
*See per diem note on last page								
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S1201</b>	Group I, including:	33.00	8.95	21.16	1.40	0.20	0.20	64.91
	Form Stripper							
	General Laborer							
	Guardrail Laborer, Bridge Rail Installer							
	Hydro-seeder Nozzleman							
	Laborer, Building							
	Landscaper or Planter							
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block 4 feet or less - highway or landscape work)							
	Material Handler							
	Pneumatic or Power Tools							
	Portable or Chemical Toilet Serviceman							
	Pump Man or Mixer Man							
	Railroad Track Laborer							
	Sandblast, Pot Tender							
	Saw Tender							
	Slurry Work							
	Steam Cleaner Operator							
	Steam Point or Water Jet Operator							
	Storm Water Pollution Protection Plan Worker (SWPPP Worker - erosion and sediment control Laborer)							
	Tank Cleaning							
	Utiliwalk & Utilidor Laborer							
	Watchman (construction projects)							
	Window Cleaner							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S1202</b>	Group II, including:	34.00	8.95	21.16	1.40	0.20	0.20	65.91
	Burning & Cutting Torch							
	Cement or Lime Dumper or Handler (sack or bulk)							
	Certified Erosion Sediment Control Lead (CESCL Laborer)							
	Choker Splicer							
	Chucktender (wagon, air-track & hydraulic drills)							
	Concrete Laborer (power buggy, concrete saws, pumpcrete nozzleman, vibratorman)							
	Culvert Pipe Laborer							
	Cured Inplace Pipelayer							
	Environmental Laborer (asbestos, marine work)							
	Floor Preparation, Core Drilling							
	Foam Gun or Foam Machine Operator							
	Green Cutter (dam work)							
	Guniting Operator							
	Hod Carrier							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Laborers (The area that is south of N63 latitude and west of W138 longitude)</b>								
*See per diem note on last page								
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S1202</b>	Group II, including:	34.00	8.95	21.16	1.40	0.20	0.20	65.91
	Jackhammer/Chipping Gun or Pavement Breaker							
	Laser Instrument Operator							
	Laying of Mortarless Decorative Block (retaining walls, flowered decorative block over 4 feet - highway or landscape work)							
	Mason Tender & Mud Mixer (sewer work)							
	Pilot Car							
	Pipelayer Helper							
	Plasterer, Bricklayer & Cement Finisher Tender							
	Powderman Helper							
	Power Saw Operator							
	Railroad Switch Layout Laborer							
	Sandblaster							
	Scaffold Building & Erecting							
	Sewer Caulker							
	Sewer Plant Maintenance Man							
	Thermal Plastic Applicator							
	Timber Faller, Chainsaw Operator, Filer							
	Timberman							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S1203</b>	Group III, including:	34.90	8.95	21.16	1.40	0.20	0.20	66.81
	Bit Grinder							
	Camera/Tool/Video Operator							
	Guardrail Machine Operator							
	High Rigger & Tree Topper							
	High Scaler							
	Multiplate							
	Plastic Welding							
	Slurry Seal Squeegee Man							
	Traffic Control Supervisor							
	Welding Certified (in connection with laborer's work)							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S1204</b>	Group IIIA	38.18	8.95	21.16	1.40	0.20	0.20	70.09
	Asphalt Raker, Asphalt Belly Dump Lay Down							
	Drill Doctor (in the field)							
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)							
	Pipelayers							
	Powderman (Employee Possessor)							
	Storm Water Pollution Protection Plan Specialist (SWPPP Specialist)							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Laborers (The area that is south of N63 latitude and west of W138 longitude)</b>								
*See per diem note on last page								
<b>S1204</b>	Group IIIA	38.18	8.95	21.16	1.40	<b>L&amp;M</b>	<b>LEG</b>	
	Traffic Control Supervisor, DOT Qualified					0.20	0.20	70.09
<b>S1205</b>	Group IV	22.57	8.95	21.16	1.40	<b>L&amp;M</b>	<b>LEG</b>	
	Final Building Cleanup					0.20	0.20	54.48
	Permanent Yard Worker							
<b>S1206</b>	Group IIIB	41.97	6.24	21.16	1.40	<b>L&amp;M</b>	<b>LEG</b>	
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)(over 5,000 hours)					0.20	0.20	71.17
	Federal Powderman (Responsible Person in Charge)							
	Grade Checking (setting or transferring of grade marks, line and grade, GPS, drones)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)(over 5,000 hours)							
	Stake Hopper							
<b>Millwrights</b>								
*See per diem note on last page								
<b>A1251</b>	Millwright (journeyman)	46.48	10.35	12.87	1.10	<b>L&amp;M</b>		
						0.40	0.05	71.25
<b>A1252</b>	Millwright Welder	47.48	10.35	12.87	1.10	<b>L&amp;M</b>		
						0.40	0.05	72.25
<b>Painters, Region I (North of N63 latitude)</b>								
*See per diem note on last page								
<b>N1301</b>	Group I, including:	36.08	9.27	15.10	1.08	<b>L&amp;M</b>		
	Brush					0.07		61.60
	General Painter							
	Hand Taping							
	Hazardous Material Handler							
	Lead-Based Paint Abatement							
	Roll							
<b>N1302</b>	Group II, including:	36.60	9.27	15.10	1.08	<b>L&amp;M</b>		
	Bridge Painter					0.07		62.12
	Epoxy Applicator							
	General Drywall Finisher							
	Hand/Spray Texturing							
	Industrial Coatings Specialist							
Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation								

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
<b>Painters, Region I (North of N63 latitude)</b>							
*See per diem note on last page							
							<b>L&amp;M</b>
<b>N1302</b>	Group II, including:	36.60	9.27	15.10	1.08	0.07	62.12
	Machine/Automatic Taping						
	Pot Tender						
	Sandblasting						
	Specialty Painter						
	Spray						
	Structural Steel Painter						
	Wallpaper/Vinyl Hanger						
<b>N1304</b>	Group IV, including:	40.74	9.27	18.21	1.05	0.05	69.32
	Glazier						
	Storefront/Automatic Door Mechanic						
<b>N1305</b>	Group V, including:	39.44	9.27	5.00	1.10	0.10	54.91
	Carpet Installer						
	Floor Coverer						
	Heat Weld/Cove Base						
	Linoleum/Soft Tile Installer						
<b>N1306</b>	Group VI, including:	50.44	10.23	5.00	1.10	0.10	66.87
	Traffic Control Striper						
<b>Painters, Region II (South of N63 latitude)</b>							
*See per diem note on last page							
							<b>L&amp;M</b>
<b>S1301</b>	Group I, including :	33.22	9.27	15.95	1.08	0.07	59.59
	Brush						
	General Painter						
	Hand Taping						
	Hazardous Material Handler						
	Lead-Based Paint Abatement						
	Roll						
	Spray						
							<b>L&amp;M</b>
<b>S1302</b>	Group II, including :	34.47	9.27	15.95	1.08	0.07	60.84
	General Drywall Finisher						
	Hand/Spray Texturing						
	Machine/Automatic Taping						
	Wallpaper/Vinyl Hanger						

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Painters, Region II (South of N63 latitude)</b>								
*See per diem note on last page								
<b>S1303</b>	Group III, including :	34.57	9.27	15.95	1.08	<b>L&amp;M</b>		60.94
	Bridge Painter							
	Epoxy Applicator							
	Industrial Coatings Specialist							
	Pot Tender							
	Sandblasting							
	Specialty Painter							
	Structural Steel Painter							
<b>S1304</b>	Group IV, including:	40.95	9.27	17.25	1.08	<b>L&amp;M</b>		68.62
	Glazier							
	Storefront/Automatic Door Mechanic							
<b>S1305</b>	Group V, including:	39.44	9.27	5.00	1.10	<b>L&amp;M</b>		54.91
	Carpet Installer							
	Floor Coverer							
	Heat Weld/Cove Base							
	Linoleum/Soft Tile Installer							
<b>S1306</b>	Group VI, including:	50.44	10.23	5.00	1.10	<b>L&amp;M</b>		66.87
	Traffic Control Striper							
<b>Piledrivers</b>								
*See per diem note on last page								
<b>A1401</b>	Piledriver	43.34	10.35	15.82	1.75	<b>L&amp;M</b>		71.66
	Assistant Dive Tender							
	Carpenter/Piledriver							
	Rigger							
	Sheet Stabber							
	Skiff Operator							
<b>A1402</b>	Piledriver-Welder/Toxic Worker	44.34	10.35	15.82	1.75	<b>L&amp;M</b>		72.66
<b>A1403</b>	Remotely Operated Vehicle Pilot/Technician	47.65	10.35	15.82	1.75	<b>L&amp;M</b>		75.97
	Single Atmosphere Suit, Bell or Submersible Pilot							
<b>A1404</b>	Diver (working) **See note on last page	87.45	10.35	15.82	1.75	<b>L&amp;M</b>		115.77

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Piledrivers</b>								
*See per diem note on last page								
<b>A1405</b>	Diver (standby) **See note on last page	47.65	10.35	15.82	1.75	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.20	75.97
<b>A1406</b>	Dive Tender **See note on last page	46.65	10.35	15.82	1.75	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.20	74.97
<b>A1407</b>	Welder (American Welding Society, Certified Welding Inspector)	48.90	10.35	15.82	1.75	<b>L&amp;M</b> 0.20	<b>IAF</b> 0.20	77.22
<b>Plumbers, Region I (North of N63 latitude)</b>								
*See per diem note on last page								
<b>N1501</b>	Journeyman Pipefitter	45.41	11.75	17.45	1.50	<b>L&amp;M</b> 0.65	<b>S&amp;L</b>	76.76
	Plumber							
	Welder							
<b>Plumbers, Region II (South of N63 latitude)</b>								
*See per diem note on last page								
<b>S1501</b>	Journeyman Pipefitter	41.00	11.88	15.27	1.55	<b>L&amp;M</b> 0.20		69.90
	Plumber							
	Welder							
<b>Plumbers, Region IIA (1st Judicial District)</b>								
*See per diem note on last page								
<b>X1501</b>	Journeyman Pipefitter	41.32	13.37	11.75	2.50	<b>L&amp;M</b> 0.24		69.18
	Plumber							
	Welder							
<b>Power Equipment Operators</b>								
*See per diem note on last page								
<b>A1601</b>	Group I, including:	43.53	11.05	13.75	1.00	<b>L&amp;M</b> 0.10	0.05	69.48
	Asphalt Roller: Breakdown, Intermediate, and Finish							
	Back Filler							
	Barrier Machine (Zipper)							
	Beltcrete with Power Pack & similar conveyors							
	Bending Machine							
	Boat Coxswain							
	Bulldozer							
	Cableways, Highlines & Cablecars							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Power Equipment Operators</b>								
*See per diem note on last page								

									L&M
<b>A1601</b>	Group I, including:	43.53	11.05	13.75	1.00	0.10	0.05	69.48	
	Cleaning Machine								
	Coating Machine								
	Concrete Hydro Blaster								
	Cranes (45 tons & under or 150 feet of boom & under (including jib & attachments))								
	(a) Hydralifts or Transporters, (all track or truck type)								
	(b) Derricks								
	(c) Overhead								
	Crushers								
	Deck Winches, Double Drum								
	Ditching or Trenching Machine (16 inch or over)								
	Drag Scraper, Yarder, and similar types								
	Drilling Machines, Core, Cable, Rotary and Exploration								
	Finishing Machine Operator, Concrete Paving, Laser Screed, Sidewalk, Curb & Gutter Machine								
	Grade Checker and/or Line and Grade including Drone								
	Helicopters								
	Hover Craft, Flex Craft, Loadmaster, Air Cushion, All-Terrain Vehicle, Rollagon, Bargecable, Nodwell, & Snow Cat								
	Hydro Ax, Feller Buncher & similar								
	Hydro Excavation (Vac-Truck and Similar)								
	Loaders (2 1/2 yards through 5 yards, including all attachments):								
	(a) Forklifts (with telescopic boom & swing attachment)								
	(b) Front End & Overhead, (2-1/2 yards through 5 yards)								
	(c) Loaders, (with forks or pipe clamp)								
	(d) Loaders, (elevating belt type, Euclid & similar types)								
	Material Transfer Vehicle (Elevating Grader, Pickup Machine, and similar types)								
	Mechanic, Welder, Bodyman, Electrical, Camp & Maintenance Engineer								
	Micro Tunneling Machine								
	Mixers: Mobile type with hoist combination								
	Motor Patrol Grader								
	Mucking Machine: Mole, Tunnel Drill, Horizontal/Directional Drill Operator and/or Shield								
	Off-Road Hauler (including Articulating and Haul Trucks)								
	Operator on Dredges								
	Piledriver Engineer, L.B. Foster, Puller or similar paving breaker								
	Plant Operator (Asphalt & Concrete)								
	Power Plant, Turbine Operator 200 k.w & over (power plants or combination of power units over 300 k.w.)								
	Remote Controlled Equipment								
	Scraper (through 40 yards)								

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Power Equipment Operators</b>								
*See per diem note on last page								
		<b>L&amp;M</b>						
<b>A1601</b>	Group I, including:	43.53	11.05	13.75	1.00	0.10	0.05	69.48
	Service Oiler/Service Engineer							
	Shot Blast Machine							
	Shovels, Backhoes, Excavators with all attachments, and Gradealls (3 yards & under)							
	Sideboom (under 45 tons)							
	Sub Grader (Gurries & similar types)							
	Tack Tractor							
	Truck Mounted Concrete Pump, Conveyor/Tele-belt, & Creter							
	Wate Kote Machine							
		<b>L&amp;M</b>						
<b>A1602</b>	Group IA, including:	45.29	11.05	13.75	1.00	0.10	0.05	71.24
	Camera/Tool/Video Operator (Slipline)							
	Certified Welder, Electrical Mechanic, Camp Maintenance Engineer, Mechanic (over 10,000 hours)							
	Cranes (over 45 tons or 150 feet including jib & attachments)							
	(a) Clamshells & Draglines (over 3 yards)							
	(b) Tower Cranes							
	Licensed Water/Waste Water Treatment Operator							
	Loaders (over 5 yards)							
	Motor Patrol Grader, Dozer, Grade Tractor (finish: when finishing to final grade and/or to hubs, or for asphalt)							
	Power Plants (1000 k.w. & over)							
	Profiler, Reclaimer, and Roto-Mill							
	Quad							
	Scrapers (over 40 yards)							
	Screed							
	Shovels, Backhoes, Excavators with all attachments (over 3 yards)							
	Sidebooms (over 45 tons)							
	Slip Form Paver, C.M.I. & similar types							
	Topside (Asphalt Paver, Slurry machine, Spreaders, and similar types)							
		<b>L&amp;M</b>						
<b>A1603</b>	Group II, including:	42.76	11.05	13.75	1.00	0.10	0.05	68.71
	Boiler - Fireman							
	Cement Hogs & Concrete Pump Operator							
	Conveyors (except those listed in Group I)							
	Hoists on Steel Erection, Towermobiles & Air Tuggers							
	Horizontal/Directional Drill Locator							
	Locomotives, Rod & Geared Engines							
	Mixers							
	Screening, Washing Plant							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Power Equipment Operators</b>								
*See per diem note on last page								
		<b>L&amp;M</b>						
<b>A1603</b>	Group II, including:	42.76	11.05	13.75	1.00	0.10	0.05	68.71
	Sideboom (cradling rock drill, regardless of size)							
	Skidder							
	Trenching Machines (under 16 inches)							
	Water/Waste Water Treatment Operator							
		<b>L&amp;M</b>						
<b>A1604</b>	Group III, including:	42.04	11.05	13.75	1.00	0.10	0.05	67.99
	"A" Frame Trucks, Deck Winches							
	Bombardier (tack or tow rig)							
	Boring Machine							
	Brooms, Power (sweeper, elevator, vacuum, or similar)							
	Bump Cutter							
	Compressor							
	Farm Tractor							
	Forklift, Industrial Type							
	Gin Truck or Winch Truck (with poles when used for hoisting)							
	Hoists, Air Tuggers, Elevators							
	Loaders:							
	(a) Elevating-Athey, Barber Greene & similar types							
	(b) Forklifts or Lumber Carrier (on construction job sites)							
	(c) Forklifts, (with tower)							
	(d) Overhead & Front End, (under 2-1/2 yards)							
	Locomotives: Dinkey (air, steam, gas & electric) Speeders							
	Mechanics, Light Duty							
	Oil, Blower Distribution							
	Posthole Digger, Mechanical							
	Pot Fireman (power agitated)							
	Power Plant, Turbine Operator, (under 200 k.w.)							
	Pumps, Water							
	Roller (other than Asphalt)							
	Saws, Concrete							
	Skid Hustler							
	Skid Steer (with all attachments)							
	Stake Hopper							
	Straightening Machine							
	Tow Tractor							
		<b>L&amp;M</b>						
<b>A1605</b>	Group IV, including:	35.83	11.05	13.75	1.00	0.10	0.05	61.78
	Crane Assistant Engineer/Rig Oiler							
	Drill Helper							
	Parts & Equipment Coordinator							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Power Equipment Operators</b>								
*See per diem note on last page								
		<b>L&amp;M</b>						
<b>A1605</b>	Group IV, including:	35.83	11.05	13.75	1.00	0.10	0.05	61.78
	Spotter							
	Steam Cleaner							
	Swamper (on trenching machines or shovel type equipment)							
<b>Roofers</b>								
*See per diem note on last page								
		<b>L&amp;M</b>						
<b>A1701</b>	Rofer & Waterproofer	44.62	13.75	3.91	0.81	0.10	0.06	63.25
		<b>L&amp;M</b>						
<b>A1702</b>	Rofer Material Handler	31.23	13.75	3.91	0.81	0.10	0.06	49.86
<b>Sheet Metal Workers, Region I (North of N63 latitude)</b>								
*See per diem note on last page								
		<b>L&amp;M</b>						
<b>N1801</b>	Sheet Metal Journeyman	49.04	11.85	14.61	1.80	0.12		77.42
	Air Balancing and duct cleaning of HVAC systems							
	Brazing, soldering or welding of metals							
	Demolition of sheet metal HVAC systems							
	Fabrication and installation of exterior wall sheathing, siding, metal roofing, flashing, decking and architectural sheet metal work							
	Fabrication and installation of heating, ventilation and air conditioning ducts and equipment							
	Fabrication and installation of louvers and hoods							
	Fabrication and installation of sheet metal lagging							
	Fabrication and installation of stainless steel commercial or industrial food service equipment							
	HVAC-R Service Mechanic, servicing and maintaining HVAC-R Systems							
	Manufacture, fabrication assembly, installation and alteration of all ferrous and nonferrous metal work							
	Metal lavatory partitions							
	Preparation of drawings taken from architectural and engineering plans required for fabrication and erection of sheet metal work							
	Sheet Metal shelving							
	Sheet Metal venting, chimneys and breaching							
	Skylight installation							
<b>Sheet Metal Workers, Region II (South of N63 latitude)</b>								
*See per diem note on last page								

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Sheet Metal Workers, Region II (South of N63 latitude)</b>								
*See per diem note on last page								
<b>S1801</b>	Sheet Metal Journeyman	45.35	12.23	14.70	1.83		<b>L&amp;M</b> 0.43	74.54
	Air Balancing and duct cleaning of HVAC systems							
	Brazing, soldering or welding of metals							
	Demolition of sheet metal HVAC systems							
	Fabrication and installation of exterior wall sheathing, siding, metal roofing, flashing, decking and architectural sheet metal work							
	Fabrication and installation of heating, ventilation and air conditioning ducts and equipment							
	Fabrication and installation of louvers and hoods							
	Fabrication and installation of sheet metal lagging							
	Fabrication and installation of stainless steel commercial or industrial food service equipment							
	HVAC-R Service Mechanic, servicing and maintaining HVAC-R Systems							
	Manufacture, fabrication assembly, installation and alteration of all ferrous and nonferrous metal work							
	Metal lavatory partitions							
	Preparation of drawings taken from architectural and engineering plans required for fabrication and erection of sheet metal work							
	Sheet Metal shelving							
	Sheet Metal venting, chimneys and breaching							
	Skylight installation							
<b>Sprinkler Fitters</b>								
*See per diem note on last page								
<b>A1901</b>	Sprinkler Fitter	51.51	10.55	18.15	0.52		<b>L&amp;M</b> 0.25	80.98
<b>Surveyors</b>								
*See per diem note on last page								
<b>A2001</b>	Chief of Parties	46.16	12.23	13.64	1.15		<b>L&amp;M</b> 0.10	73.28
<b>A2002</b>	Party Chief	44.57	12.23	13.64	1.15		<b>L&amp;M</b> 0.10	71.69
<b>A2003</b>	Line & Grade Technician/Office Technician/GPS, Drones	43.97	12.23	13.64	1.15		<b>L&amp;M</b> 0.10	71.09
<b>A2004</b>	Associate Party Chief (including Instrument Person & Head Chain Person)/Stake Hop/Grademan	41.85	12.23	13.64	1.15		<b>L&amp;M</b> 0.10	68.97

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Surveyors</b>								
*See per diem note on last page								
								<b>L&amp;M</b>
<b>A2006</b>	Chain Person (for crews with more than 2 people)	37.51	12.23	13.64	1.15	0.10		64.63
<b>Truck Drivers</b>								
*See per diem note on last page								
								<b>L&amp;M</b>
<b>A2101</b>	Group I, including:	42.94	12.23	13.64	1.15	0.10		70.06
	Air/Sea Traffic Controllers							
	Ambulance/Fire Truck Driver (EMT certified)							
	Boat Coxswain							
	Captains & Pilots (air & water)							
	Deltas, Commanders, Rollagons, & similar equipment (when pulling sleds, trailers or similar equipment)							
	Dump Trucks (including rockbuggy, side dump, belly dump, & trucks with pups) over 40 yards up to & including 60 yards							
	Helicopter Transporter							
	Liquid Vac Truck/Super Vac Truck							
	Material Coordinator or Purchasing Agent							
	Ready-mix (over 12 yards up to & including 15 yards) (over 15 yards to be negotiated)							
	Semi with Double Box Mixer							
	Tireman, Heavy Duty/Fueler							
	Water Wagon (250 Bbls and above)							
								<b>L&amp;M</b>
<b>A2102</b>	Group 1A including:	44.21	12.23	13.64	1.15	0.10		71.33
	Dump Trucks (including rockbuggy, side dump, belly dump & trucks with pups) over 60 yards up to & including 100 yards (over 100 yards to be negotiated)							
	Jeeps (driver under load)							
	Lowboys, including tractor attached trailers & jeeps, up to & including 12 axles (over 12 axles or 150 tons to be negotiated)							
								<b>L&amp;M</b>
<b>A2103</b>	Group II, including:	41.68	12.23	13.64	1.15	0.10		68.80
	All Deltas, Commanders, Rollagons, & similar equipment							
	Batch Trucks (8 yards & up)							
	Batch Trucks (up to & including 7 yards)							
	Boom Truck/Knuckle Truck (over 5 tons)							
	Cacasco Truck/Heat Stress Truck							
	Construction and Material Safety Technician							
	Dump Trucks (including rockbuggy, side dump, belly dump, & trucks with pups) over 20 yards up to & including 40 yards							
	Gin Pole Truck, Winch Truck, Wrecker (truck mounted "A" frame manufactured rating over 5 tons)							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other Benefits	THR
<b>Truck Drivers</b>							
*See per diem note on last page							
							<b>L&amp;M</b>
<b>A2103</b>	Group II, including:	41.68	12.23	13.64	1.15	0.10	68.80
	Mechanics						
	Oil Distributor Driver						
	Partsman						
	Ready-mix (up to & including 12 yards)						
	Stringing Truck						
	Turn-O-Wagon or DW-10 (not self loading)						
							<b>L&amp;M</b>
<b>A2104</b>	Group III, including:	40.86	12.23	13.64	1.15	0.10	67.98
	Boom Truck/Knuckle Truck (up to & including 5 tons)						
	Dump Trucks (including rockbuggy, side dump, belly dump, & trucks with pups) over 10 yards up to & including 20 yards						
	Expeditor (electrical & pipefitting materials)						
	Gin Pole Truck, Winch Truck, Wrecker (truck mounted "A" frame manufactured rating 5 tons & under)						
	Greaser - Shop						
	Semi or Truck & Trailer						
	Thermal Plastic Layout Technician						
	Traffic Control Technician						
	Trucks/Jeeps (push or pull)						
							<b>L&amp;M</b>
<b>A2105</b>	Group IV, including:	40.28	12.23	13.64	1.15	0.10	67.40
	Air Cushion or similar type vehicle						
	All Terrain Vehicle						
	Buggymobile						
	Bull Lift & Fork Lift, Fork Lift with Power Boom & Swing Attachment (over 5 tons)						
	Bus Operator (over 30 passengers)						
	Cement Spreader, Dry						
	Combination Truck-Fuel & Grease						
	Compactor (when pulled by rubber tired equipment)						
	Dump Trucks (including rockbuggy, side dump, belly dump, & trucks with pups) up to & including 10 yards						
	Dumpster						
	Expeditor (general)						
	Fire Truck/Ambulance Driver						
	Flat Beds, Dual Rear Axle						
	Foam Distributor Truck Dual Axle						
	Front End Loader with Fork						
	Grease Truck						
	Hydro Seeder, Dual Axle						
	Hyster Operators (handling bulk aggregate)						

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Truck Drivers</b>								
*See per diem note on last page								
<b>A2105</b>	Group IV, including:	40.28	12.23	13.64	1.15	<b>L&amp;M</b>		67.40
	Loadmaster (air & water operations)							
	Lumber Carrier							
	Ready-mix, (up to & including 7 yards)							
	Rigger (air/water/oilfield)							
	Tireman, Light Duty							
	Track Truck Equipment							
	Truck Vacuum Sweeper							
	Warehouseperson							
	Water Truck (Below 250 Bbls)							
	Water Truck (straight)							
	Water Wagon, Semi							
<b>A2106</b>	Group V, including:	39.52	12.23	13.64	1.15	<b>L&amp;M</b>		66.64
	Buffer Truck							
	Bull Lifts & Fork Lifts, Fork Lifts with Power Boom & Swing							
	Attachments (up to & including 5 tons)							
	Bus Operator (up to 30 passengers)							
	Farm Type Rubber Tired Tractor (when material handling or pulling wagons on a construction project)							
	Flat Beds, Single Rear Axle							
	Foam Distributor Truck Single Axle							
	Fuel Handler (station/bulk attendant)							
	Gear/Supply Truck							
	Gravel Spreader Box Operator on Truck							
	Hydro Seeders, Single axle							
	Pickups (pilot cars & all light-duty vehicles)							
	Rigger/Swamper							
	Tack Truck							
	Team Drivers (horses, mules, & similar equipment)							
<b>Tunnel Workers, Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)</b>								
*See per diem note on last page								
<b>N2201</b>	Group I, including:	36.30	8.95	21.16	1.40	<b>L&amp;M</b>		68.21
	Brakeman							
	Mucker							
	Nipper							
	Storm Water Pollution Protection Plan Worker (SWPPP Worker - erosion and sediment control Laborer)							
	Topman & Bull Gang							

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Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Tunnel Workers, Laborers (The Alaska areas north of N63 latitude and east of W138 longitude)</b>								
*See per diem note on last page								
						<b>L&amp;M</b>	<b>LEG</b>	
<b>N2201</b>	Group I, including:	36.30	8.95	21.16	1.40	0.20	0.20	68.21
	Tunnel Track Laborer							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>N2202</b>	Group II, including:	37.40	8.95	21.16	1.40	0.20	0.20	69.31
	Burning & Cutting Torch							
	Certified Erosion Sediment Control Lead (CESCL Laborer)							
	Concrete Laborer							
	Floor Preparation, Core Drilling							
	Jackhammer/Chipping Gun or Pavement Breaker							
	Laser Instrument Operator							
	Nozzlemen, Pumpcrete or Shotcrete							
	Pipelayer Helper							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>N2203</b>	Group III, including:	38.39	8.95	21.16	1.40	0.20	0.20	70.30
	Miner							
	Retimberman							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>N2204</b>	Group IIIA, including:	42.00	8.95	21.16	1.40	0.20	0.20	73.91
	Asphalt Raker, Asphalt Belly Dump Lay Down							
	Drill Doctor (in the field)							
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)							
	Pipelayer							
	Powderman (Employee Possessor)							
	Storm Water Pollution Protection Plan Specialist (SWPPP Specialist)							
	Traffic Control Supervisor, DOT Qualified							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>N2206</b>	Group IIIB, including:	46.17	6.24	21.16	1.40	0.20	0.20	75.37
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)(over 5,000 hours)							
	Federal Powderman (Responsible Person in Charge)							
	Grade Checking (setting or transferring of grade marks, line and grade, GPS, drones)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)(over 5,000 hours)							
	Stake Hopper							

**Tunnel Workers, Laborers (The area that is south of N63 latitude and west of W138 longitude)**

\*See per diem note on last page

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Tunnel Workers, Laborers (The area that is south of N63 latitude and west of W138 longitude)</b>								
*See per diem note on last page								
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S2201</b>	Group I, including:	36.30	8.95	21.16	1.40	0.20	0.20	68.21
	Brakeman							
	Mucker							
	Nipper							
	Storm Water Pollution Protection Plan Worker (SWPPP Worker - erosion and sediment control Laborer)							
	Topman & Bull Gang							
	Tunnel Track Laborer							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S2202</b>	Group II, including:	37.40	8.95	21.16	1.40	0.20	0.20	69.31
	Burning & Cutting Torch							
	Certified Erosion Sediment Control Lead (CESCL Laborer)							
	Concrete Laborer							
	Floor Preparation, Core Drilling							
	Jackhammer/Chipping Gun or Pavement Breaker							
	Laser Instrument Operator							
	Nozzlemen, Pumpcrete or Shotcrete							
	Pipelayer Helper							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S2203</b>	Group III, including:	38.39	8.95	21.16	1.40	0.20	0.20	70.30
	Miner							
	Retimberman							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S2204</b>	Group IIIA, including:	42.00	8.95	21.16	1.40	0.20	0.20	73.91
	Asphalt Raker, Asphalt Belly Dump Lay Down							
	Drill Doctor (in the field)							
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)							
	Pipelayer							
	Powderman (Employee Possessor)							
	Storm Water Pollution Protection Plan Specialist (SWPPP Specialist)							
	Traffic Control Supervisor, DOT Qualified							
						<b>L&amp;M</b>	<b>LEG</b>	
<b>S2206</b>	Group IIIB, including:	46.17	6.24	21.16	1.40	0.20	0.20	75.37
	Driller (including, but not limited to wagon drills, air-track drills, hydraulic drills)(over 5,000 hours)							
	Federal Powderman (Responsible Person in Charge)							
	Grade Checking (setting or transferring of grade marks, line and grade, GPS, drones)							
	Pioneer Drilling & Drilling Off Tugger (all type drills)(over 5,000 hours)							

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation

Class Code	Classification of Laborers & Mechanics	BHR	H&W	PEN	TRN	Other	Benefits	THR
<b>Tunnel Workers, Laborers (The area that is south of N63 latitude and west of W138 longitude)</b>								
*See per diem note on last page								
							<b>L&amp;M</b>	<b>LEG</b>
<b>S2206</b>	Group IIIB, including:	46.17	6.24	21.16	1.40	0.20	0.20	75.37
	Stake Hopper							
<b>Tunnel Workers, Power Equipment Operators</b>								
*See per diem note on last page								
							<b>L&amp;M</b>	
<b>A2207</b>	Group I	47.88	11.05	13.75	1.00	0.10	0.05	73.83
							<b>L&amp;M</b>	
<b>A2208</b>	Group IA	49.82	11.05	13.75	1.00	0.10	0.05	75.77
							<b>L&amp;M</b>	
<b>A2209</b>	Group II	47.04	11.05	13.75	1.00	0.10	0.05	72.99
							<b>L&amp;M</b>	
<b>A2210</b>	Group III	46.24	11.05	13.75	1.00	0.10	0.05	72.19
							<b>L&amp;M</b>	
<b>A2211</b>	Group IV	39.41	11.05	13.75	1.00	0.10	0.05	65.36

\* Per diem is an established practice for this classification. This means that per diem is an allowable alternative to board and lodging if all criteria are met. See 8 AAC 30.051-08 AAC 30.056, and the per diem information on page vii of this Pamphlet.

\*\* Work in combination of classifications: Employees working in any combination of classifications within the diving crew (working diver, standby diver, and tender) in a shift are paid in the classification with the highest rate for a minimum of 8 hours per shift.

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**Shipyard Rates Addendum**

This Addendum was developed to address the specialized industry of shipbuilding/repair in Alaska, as it relates to public works. For the purposes of providing rates for shipyard work the Department is adopting Shipyard rates from the state of Washington ( King County ). These rates only apply to work done in shipbuilding/repair in Alaska, under a public contract. This addendum will be updated two times a year to coincide with the corresponding Issue of *Laborers and Mechanics MINIMUM RATES OF PAY*.

Class Code	BHR H&W PEN TRN Other Benefits THR
<b>Shipyard Workers</b> *See total hourly(THR) note below	
<b>A2300</b>	Ship Building/Repair Boilermaker 47.45
<b>A2305</b>	Ship Building/Repair Carpenter 47.35
<b>A2310</b>	Ship Building/Repair Crane Operator 45.06
<b>A2315</b>	Ship Building/Repair Electrician 48.92
<b>A2320</b>	Ship Building/Repair Heat & Frost Insulator 82.02
<b>A2325</b>	Ship Building/Repair Laborer 47.35
<b>A2330</b>	Ship Building/Repair Mechanist 47.35
<b>A2335</b>	Ship Building/Repair Operating Engineer 45.06
<b>A2340</b>	Ship Building/Repair Painter 47.35
<b>A2345</b>	Ship Building/Repair Pipefitter 47.35
<b>A2350</b>	Ship Building/Repair Rigger 47.45
<b>A2355</b>	Ship Building/Repair Sheet Metal 47.35
<b>A2360</b>	Ship Building/Repair Shipwright 47.35
<b>A2365</b>	Ship Building/Repair Warehouse 45.06

\*The THR includes the base hourly rate (BHR) and fringe benefits. Employers must pay a BHR and fringe benefit package that adds up to the THR. Fringe benefits included in the THR can be paid to employees in three ways; paid into a union trust fund, into an approved benefit plan, or paid directly on the paycheck as gross wages.

Wage benefits key: BHR=basic hourly rate; H&W=health and welfare; IAF=industry advancement fund; LEG=legal fund; L&M=labor/management fund; PEN=pension fund; SAF=safety; SUI=supplemental unemployment insurance; S&L=SUI & LEG combined; TRN=training; THR=total hourly rate; VAC=vacation