Anchorage School District

BOWMAN ELEMENTARY SCHOOL PLAYGROUND 2025 UPGRADES

ITB 2026-803
ASD PROJECT No. 125011

DATE ISSUED: September 19, 2025

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INVITATION TO BID (ITB) NUMBER: 2026 - 803
Bowman Elementary School Playground 2025 Upgrades

Sealed bids will be received in accordance with the time schedule shown below by the Anchorage School District, Purchasing Department, located at 4919 Van Buren Street Anchorage, Alaska 99517 for Bowman Elementary School Playground 2025 Upgrades per the attached Instructions to Bidders, General Conditions, Technical Specifications, Drawings and Bid Form.

ESTIMATED CONSTRUCTION COST: Between $1,000,000 - $5,000,000

On-Site Visit:	September 25, 2025, at 3:00 p.m. Local Time
Pre-Bid Conference:	September 26, 2025, at 11:00 a.m. Local Time
Bid Opening:	October 10, 2025, at 2:00 p.m. Local Time

At the above indicated time, the bids will be opened publicly and read. Bids received by the Purchasing Department after the time fixed for opening of the bids will not be considered. Time of receipt will be as determined by the time stamp at the Purchasing Department.

DOCUMENTS:

Prospective bidders may obtain copies of bidding documents at the Anchorage School District website https://www.asdk12.org/departments/support-services/purchasing-and-warehouse-dept/purchasing-and-warehouse/vendor-info. Only electronic versions of this ITB are issued.

A copy of the current plan holder's list can be viewed at:
http://apps.asdk12.org/depts/purchasing/meeting/Plan_Holders/2026/803.xlsx

NOTICE TO BIDDERS:

A bid bond in the amount of five (5%) percent of the total amount of the base bid will be required **(cash, personal or business checks are unacceptable).** The successful Contractor shall be required to furnish 100 percent performance and payment bonds.

The Anchorage School District reserves the right to reject any and all bids, and to waive any informalities or irregularities in bidding procedures.

ON-SITE VISIT AND PRE-BID CONFERENCE:

An On-Site Visit will be held on September 25, 2025, at 3:00 p.m., Local Time, at Bowman Elementary School, 11700 Gregory Rd., Anchorage, Alaska 99516. Please meet at the Front Office.

A Pre-Bid Conference will be held September 26, 2025, at 11:00 a.m., Local Time, at Anchorage School District, Purchasing Department, located at 4919 Van Buren Street Anchorage, Alaska 99517. Prospective Bidders who wish to participate by teleconference may participate by calling (907) 742-6750. The line will be available approximately 5 minutes prior the conference start time.

All Bidders are encouraged to attend the On-site Visit and Pre-Bid Conference. Major sub-bidders are also encouraged to attend.

The Anchorage School District is committed to providing reasonable accommodations, according to applicable state and federal laws, to all individuals with a qualifying disability. If you require a reasonable accommodation in order to participate in this or any other district process, please contact the Anchorage School District's Compliance/Equal Employment Opportunity Office at (907) 742-4132.

END OF SECTION

INSTRUCTIONS TO BIDDERS

PART 1. GENERAL INFORMATION

1.01 Refer to the Invitation to Bid for information relating to time, date and place for receipt of bids and other pertinent bidding information.

1.02 Anchorage School Board Policy 3515.5 prohibits a contractor whose employees or agents may have direct or incidental contact with Anchorage School District (the District) students from sending any employee or agent to district property who has been convicted of a sex offense under federal law or the law of any state and who is required to register as a sex offender under Alaska law or by court order, or who has been convicted of child kidnapping under federal law or the law of any state and who is required under Alaska law or court order to register on the Alaska Department of Public Safety Sex Offender/Child Kidnapper Central Registry. Board Policy 3515.5 requires contractors to certify in writing the contractor's knowledge of and compliance with Board Policy 3515.5. ***Prior to executing a contract*** for this project, the selected Contractor shall verify that no employee or agent who will be on district property is registered as a sex offender or child kidnapper in Alaska [Alaska Department of Public Safety "Sex Offender/Child Kidnapper Registry"] or in any other state. In addition, the contractor shall certify that, to its knowledge, no employee or agent is a convicted sex offender or child kidnapper. The required forms of certification are included in the bid documents.

1.03 LICENSE REQUIREMENTS

A. The bidder shall include on the bid Form his current Business License number and expiration date from the State of Alaska authorizing him to engage in business to operate as a Business, Specialty or General Contractor, as well as his Federal Tax Identification number.

B. The bidder shall provide a copy of his current State of Alaska Business License and Specialty or General Contractor license when requested in writing by the Purchasing Department.

1.04 BIDS

A. The bidder shall review all of the proposed contract documents to ascertain all of the requirements of the work.

1.05 EXAMINATION OF PLANS, SPECIFICATIONS, SPECIAL PROVISIONS AND SITE WORK

A. The bidder shall examine carefully the site of the proposed work, the proposal, plans, specifications and contract forms before submitting a proposal. 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 requirement and accuracy of the plans, specifications, special provisions and terms of the contract.

B. All documents furnished to any person, under any condition, remain the property of the Anchorage School District and shall be returned immediately upon request.

C. Documents may be obtained upon the conditions set forth in the Invitation to Bid.

1.06 METHOD FOR CLARIFICATION

A. Any bidder in doubt as to the meaning of any part of the plans, specifications or other documents may submit a written request for an interpretation. The bidder submitting the

request will be responsible for its prompt delivery not less than seven (7) working days prior to the date set for opening of bids. Questions can be delivered as follows:

1. Fax: (907) 243-6293
2. Email: purchasing@asdk12.org
3. Mail: Purchasing Department
   4919 Van Buren Street
   Anchorage, Alaska 99517
4. Hours: 7:30 a.m. – 4:00 p.m.

B. A written request for an interpretation, which in the opinion of the Purchasing Department requires a reply, will be answered by issuing an addendum to all plan holders prior to the bid opening. The Owner will not be responsible for any other explanation or interpretation of the plans, specifications or other documents made or given prior to the bid opening.

1.07 PREPARATION OF BIDS

A. Preparation and Submission:
Bids must be submitted on the forms furnished or copies thereof, and must be manually signed. In order to secure consideration, the bid must be submitted and sealed in an envelope on which contract identification is plainly marked on the outside. The bid form is included in the bidding documents. The envelope shall be addressed as indicated in the Invitation to Bid.

B. Form:
The bid may provide for a quotation of a price, or prices, for one or more items which may be lump sum bids, alternate prices, scheduled items resulting in a bid on a unit of construction, or a combination thereof. Where required on the bid form, bidders must quote on all items and they are warned that failure to do so shall disqualify the bid.

If erasures or other changes appear on the forms, each such erasure or change must be initialed by the person signing the bid.

C. Alternate Bids and Qualified Bids:
Bids may be rejected if they show any omissions, alteration of the forms, additions not called for, conditional or alternate bids not called for or irregularities of any kind.

1.08 BID GUARANTEE

A. Each bid shall be accompanied by a bid bond with good and sufficient surety or sureties acceptable to the Owner. The Anchorage School District will require five percent (5%) of the total amount of the base bid as a guarantee **(cash, personal, or business checks are not acceptable)**. Bid guarantees for the three (3) low bidders will be held until the contract is executed.

B. All other bid guarantees will be returned within seven (7) days of the bid opening. Power of Attorney for the official signing of the bond for the surety company must be submitted with the bond.

1.09 ALTERNATES

A. The bidder shall include in the spaces provided on the “Bid Form” a bid for each alternate, if applicable.

B. The Owner may accept alternates in any order or number and include them in the contract award price.

1.10 UNIT PRICES

A. The bidder shall include in the spaces provided on the “Bid Form” a bid for each unit price, if applicable.

B. The Owner may accept any or all of these unit prices and include them in the contract award price.

C. In the case of discrepancy in the extended price calculation(s), the unit price(s) will prevail.

1.11 BIDDER QUALIFICATIONS (TO BE INCLUDED IF THERE IS NO 2-STEP QUALIFICATION PROCESS)

A. Before the bid is considered for award, the Owner reserves the right to request the bidder to complete within seventy-two (72) hours a bidder qualification form and/or a current financial statement prepared by a Certified Public Accountant. Bidder qualifications to be listed upon the qualification form will include, as a minimum, a listing of bidder’s previous contracts of a nature similar to that being bid upon; a listing of bidder’s staff, to include managerial, technical and laboring positions; summary of bidder’s plan and equipment available for use in the execution of the contract; and a listing of the projects to which the bidder is obligated in the near future. The Owner reserves the right to reject the bid of any bidder who fails to furnish promptly and properly all the information required in this paragraph.

B. A bidder will be deemed to be unqualified to perform the contract if, after review and verification of the representations included on the qualification form submitted by the bidder, the following conditions appear:

1. Bidder does not have sufficient prior experience (or an acceptable substitute thereof, as described below) with projects of a similar nature in technical, managerial and financial requirements to that in the present contract being bid.

a. Experience does not necessarily mean that the bidder is an established Contractor in the exact technical area for which the bid is submitted. In addition to such established contractors, newly established contractors will be considered qualified if they have shown on the bid qualification sheet form that they are staffed with sufficient technical, managerial and financial personnel with prior experience in the nature of construction for which the bids are invited, that bidder may adequately foresee and appreciate problems of such construction.

2. Bidder does not have sufficient capability to undertake the obligations of the contract. A determination in this respect will be made when the Owner, upon review of the probable cash flow needs of the Contractor for this particular contract (to include payroll, cost of material and supplies, equipment rental costs and any other direct or incidental costs of the contract), determines that the Contractor does not have sufficient financial resources to enable him to satisfy his financial obligations under the contract. The Owner will consider all other pertinent financial data required by this clause and submitted by the Contractor. A determination that the bidder is unqualified will not be made under this paragraph unless the Owner

has determined that the bidder cannot meet his financial obligations under the contract after having considered all sources of income available to the bidder.

3. The bidder does not have sufficient staff, equipment or plant available to perform the contract. The Owner's determination in this matter will be based upon that represented by the bidder in his completion of the Bidder Qualification documents discussed above.
4. The bidder has a consistent history of unsatisfactory performance of contracts of this or similar nature, regardless of whether such contracts existed between the Owner and the Contractor, or other parties and the Contractor.

    a. A determination of this nature will not be made unless the Owner, after review and verification of the contractor's previous work experience, determines that the contractor's consistent, unsatisfactory performance has resulted from the contractor's failure rather than a failure to perform by the other party. The Owner will give the Contractor an opportunity to explain such nonperformance(s) before any final determination is reached. Contract disputes which are pending resolution before any duly authorized judicial or administrative body will not be considered in reaching this determination.
    b. A determination of a "consistent failure to perform" will not be made unless the Owner is satisfied after review of the bidder's prior experience that the Contractor has repeatedly failed to satisfy his obligations under past contracts. For purposes of this clause, "consistent" will not be construed to mean in every contract, nor will it be construed to include "isolated instances" of failure to perform.
    c. In reaching any determination of this nature, the Owner may consider statements of other parties to the prior unperformed contracts, as well as the representations of the Contractor on his "Bidder Qualification" form. However, in each instance, the Owner will advise the Contractor of such other statements considered before a determination that the bidder is not qualified, as made by the Owner.

C. The bidder's representations concerning his qualifications will be construed as a covenant under the contract. Should it appear that the bidder has made a material misrepresentation on his "Bidder Qualification" form, the Owner shall have the right to terminate the contract for the Contractor's breach, and the Owner may then pursue such remedies as exist elsewhere under this contract, or as otherwise are provided at law or equity.

D. A determination that a bidder is unqualified will be made by the Owner. Such determination will be made in writing and include a thorough discussion of why the bidder is deemed unqualified. A letter will be sent to the bidder deemed unqualified, stating the reasons for such determination, and the bidder's right to request a review of this determination by appeal to the Anchorage School District Board.

E. Any bidder who is deemed to be unqualified may, as provided under existing Anchorage School District policy, appeal such determination to the Anchorage School District Board prior to contract award to another bidder.

1.12 RECEIPT AND OPENING OF BIDS

A. Time of Opening:
Bids shall be submitted prior to the time specified in the Invitation to Bid, and the exact date and time of receipt of bids will be recorded. Late bids will not be considered, but will be held unopened until the time of award and then returned to the bidder, unless other disposition is requested or agreed to by the bidder. Time of bid receipt will be determined

by the time stamp at the Purchasing Department, 4919 Van Buren Street, Anchorage, Alaska 99517.

B. FAX/Telegraph/Telephonic/E-Mail Bids:
FAX/telegraphic/telephonic/e-mail bids will not be considered. Modification by FAX or telegraph of bids already submitted will be considered if received prior to the time fixed in the Invitation to Bid. FAX/telegraphic modifications shall not reveal the amount of the original or revised bid.

C. Officer's Responsibility:
No responsibility will attach to any officer or agent of the Owner for the premature opening of, or the failure to open a bid not properly addressed and identified.

1.13 WITHDRAWAL OF BIDS

A. Bids may be withdrawn on written request received from the bidders prior to the time specified for opening.

B. No bid shall be withdrawn for a period of ninety (90) days subsequent to the bid opening without the written consent of the Owner.

1.14 BIDDERS INTERESTED IN MORE THAN ONE BID

A. If more than one bid is offered by any party, by or in the name of his clerk, partner, or other person, all such bids will be rejected. A party who has quoted prices to a bidder is not thereby disqualified from quoting prices to other bidders, or from submitting a bid directly for the work.

1.15 BIDDERS PRESENT

A. At the time and place specified for the opening of bids, contents of the bids will be made public for the information of bidders and other parties.

1.16 REJECTION OF BIDS

A. The Owner reserves the right to reject any or all bids, and to waive any informalities or irregularities in bidding or award of the contract.

1.17 AWARD OF CONTRACT

A. Acceptance of Bid:
Following the opening and evaluation of bids, the Owner will determine the apparent low responsive bidder and, subject to its right under Paragraph 1.16 to reject all bids, decide whether to accept the apparent low responsive bid. The Owner's acceptance of the apparent low responsive bid will be through a written notice from a duly authorized representative of the Owner, and no other act of the Owner or its representative will constitute an acceptance of a bid. The notice shall be titled "Notice of Intent to Award Contract," and shall set forth pre-award procedures and requirements, if any, including procedures for approval and award of contract by the School Board.

B. Basis of Award

1. It is the Owner's intention to award a contract to the lowest responsive and responsible bidder, including alternates, base bid, and quantified unit prices accepted by the Owner at the time of award, if applicable.
2. Unit prices which are not quantified will not be included in the determination of the award.
3. The Owner reserves the right to award the alternates in any combination with the base bid and include them in the total award.
4. The District reserves the right to request the lowest bidder(s) whose bids are determined to be reasonably susceptible to award to review their previous bids with consideration of any additions, clarifications or modifications, submit revised bids for Best and Final Offers (bids). If Best and Final Offers are requested, selected offerors must submit revised bids on the forms provided by the District to be considered for evaluation and award. Bidders who do not submit a Best and Final Offers (revised bids), when requested, will not be considered for evaluation and award and their bids will be rejected and considered non-responsive.

    a. For purposes of this ITB, bids that are "reasonably susceptible to award" means the three (3) lowest responsive and responsible bidders, unless, in the sole discretion of the District's Purchasing Senior Director, one or more of the three lowest responsive and responsible bidder(s) was not within the competitive range and to remain under consideration for award when evaluated with other bids or the District received one or more additional bids that are within the competitive range of the three lowest responsive and responsible bids such that the additional bid(s) may remain under consideration when evaluated with the other bids. This is a strict mathematical evaluation and may not be challenged on that basis except in the case of obvious arithmetic errors.

C. Notification of Award to Bidders:
Following opening of bids and determination of the apparent low responsive bidder, the Administration will make public in the Purchasing Contracting Office each Notice of Intent to Award ten (10) calendar days prior to the scheduled award by the Board, except for purchases under $100,000 which is three (3) business days. Bidders may, upon request to the Purchasing Office and/or Purchasing Contracting Office, review the bid tabulation summary prior to the scheduled Board award date.

D. Amount of Contract:
The amount of the contract shall be understood to be the lump sum as given in the bid form. Where prices are given on alternative items, only the amounts of the alternates accepted by the Owner will be included in the total.

E. Execution of Contract:
By the Contractor: The bidder whose bid is accepted shall execute the contract and furnish the required bonding and insurance within five (5) days after presentation of the contract for signature. The contract shall be deemed to be executed by the successful bidder when two (2) originals of the contract, signed by an authorized officer of the corporation or company, and with each separately signed the bonds and insurances required herein, are received by the Owner. Failure or neglect to execute the contract, within the time specified or such extended period, if any, that the Owner may, in its sole discretion, authorize, shall constitute a breach of the agreement affecting the acceptance of the bid. The damages to the Owner for such a breach shall include loss from interference with the general Capital Improvements Program of the Owner, and other items whose accurate amount would be difficult or impossible to compute.

The amount of the bid guarantee of the successful bidder who fails or neglects to execute the contract after proper notification of the acceptance of the bid shall be retained by the Owner as liquidated damages for such breach.

By the Owner: Upon receipt of the above-referenced two (2) Contracts executed by the Contractor, including all required bonds and insurance certificates, the properly authorized Owner representatives will execute the documents within ten (10) days. The contract shall be deemed to be completely executed when two (2) copies thereof, accompanied by the required bond, liability and other necessary insurance and signed by the Contractor, are executed by the Owner. All awards shall comply with the Anchorage School District Purchasing and Contracting Policy 3311. Awards of $500,000 or more shall be presented to the School Board for their approval.

1.18 PERFORMANCE BOND AND PAYMENT BOND

A. The successful bidder will furnish a Performance Bond and a Payment Bond in accordance with Section 00700, Paragraph 7.5.

1.19 INSURANCE

A. The successful bidder will furnish complete Certificates of Insurance, as required by the General Conditions and Supplementary Conditions, in a form acceptable to the Owner.

1.20 NOTICE TO PROCEED

A. The Owner will issue a Notice to Proceed with the work within ten (10) days following the Owner's execution of the contract. The date of commencement of the work shall be the date established in the Notice to Proceed. The Owner will not be responsible for any costs incurred by the Contractor prior to the Notice to Proceed.

1.21 AGGRIEVED BIDDERS

A. Protest:

1. An interested party may protest a solicitation or a proposed award of a contract.

a. A protest as to the specifications and/or terms and conditions of a solicitation must be received by the Purchasing Senior Director at least five (5) calendar days prior to the due date of the bid or proposal; failure to protest as provided herein constitutes a waiver of any objection to the solicitation.

b. For construction projects and architectural/engineering design services, the protest of a proposed award of a contract must be received by the Purchasing Senior Director within ten (10) calendar days after issuance of the notice of intent to award, except that for purchases under $100,000, the protest must be received within three (3) business days.

c. For goods or services, the protest of a proposed award of a contract must be received by the Purchasing Senior Director within seven (7) calendar days after issuance of the notice of intent to award, except that for purchases under $100,000, the protest must be received within three (3) business days.

d. The protest must include the name of the person submitting the protest, the name of the bidder/proposer represented by that person, the specific action or bid/request for proposal contract award which is being protested,

a detailed explanation of the reasons for the protest, and the relief requested.

e. The aggrieved person must serve all other interested parties with its protest.

2. The Purchasing Senior Director shall stay the intended award of a contract unless the Purchasing Senior Director determines the award of the contract without further delay is necessary to protect the District's best interest.
3. The Purchasing Senior Director may, in his/her sole discretion, hold a hearing.
4. The rights and remedies granted by this section are not available for informal small purchases with an actual or potential value of less than twenty-five thousand dollars ($25,000).
5. Failure to protest as provided herein constitutes a waiver of any objection to the solicitation and contract award.

B. Appeal:

1. A decision by the Purchasing Senior Director may be appealed to the Anchorage School Board.
2. Any appeal shall be filed with the Superintendent within five (5) days after the decision is received by the protester and must include the name of the person submitting the appeal, the name of the bidder/proposer represented by that person, and a detailed explanation of the basis for the appeal.
3. The aggrieved bidder/proposer must serve all other interested parties with its appeal.
4. The Superintendent may obtain an independent review of the appeal issues if the Superintendent determines such review will assist consideration of the appeal.
5. The independent review shall be conducted by a not directly involved District employee or an experienced but disinterested third party from outside the District.
6. Failure to appeal to the Anchorage School Board as provided herein constitutes a waiver of any objections to the solicitation and the contract award.

C. Consideration of Appeal:

1. The decision being appealed and the findings from the independent review, if any, will be reported to the Board.
2. Upon consideration of the appeal and allowing interested parties an opportunity to address the issues on appeal, the Board may:

a. Award the contract as recommended, if applicable, indicating its reasons for rejecting the appeal;
b. Grant the appeal, indicating its reasons for granting the appeal, and determine an appropriate remedy consistent with AR3311.1(c).1 of Board Policy. The Board may award the contract at that meeting to some other bidder/proposer if it finds that a delay in making the award would adversely affect the District;
c. Stay any award of the contract to permit further consideration of the appeal, with action to be scheduled as soon as practicable, but in no event more than twenty (20) days after the stay as initiated;
d. Reject all bids/proposals.
e. Take such other action as appears appropriate and in the best interest of the District under the circumstances.

D. Frivolous Protests:

1. Signature on Protest Constitutes Certificate
   The signature of an attorney or party on a request for review, protest, motion, or other document constitutes a certificate by the signer that the signer has read the document, to the best of his/her knowledge, information, and belief formed after reasonable inquiry it is well grounded in fact and is warranted by existing law or a good faith argument for the extension, modification, or reversal of existing law, and that it is not interposed for an improper purpose, such as to harass, limit competition, or to cause unnecessary delay or needless increase in the cost of the procurement or of the litigation.
2. Sanctions for Violation
   If a request for review, protest, pleading, motion, or other document is filed with the Purchasing Senior Director is signed in violation of Board Policy AR3311.1(c).1, the Board, may impose upon the person who signed it, a represented party, or both, an appropriate sanction, that may include an order to pay to the other party or parties the amount of the reasonable expenses incurred because of the filing of the protest, pleading, motion, or other paper, including a reasonable attorney's fee.

1.22 GUARANTEE SECTION

A. Whether or not there appears here or elsewhere herein specific reference to guarantees of all items of material, equipment or workmanship, they nevertheless shall be so guaranteed against defects for which the Contractor is responsible that may develop or become evident within a period of one (1) year from and after final acceptance of the work by the Owner. This guarantee shall be understood to imply prompt attention to any remedy of such defects as those mentioned above if and as they occur after the Contractor shall have written notice of their existence. If the defect, in the opinion of the Owner, is of such nature as to demand immediate repair, the Owner shall have the right to make them and the cost thereof shall be borne by the Contractor.

1.23 SUBCONTRACTORS

A. All subcontractors proposed for the work must be acceptable to the Owner.

B. The Owner reserves the right to request the proposed subcontractors to complete qualification forms and/or current financial statements prepared by a Certified Public Accountant.

1.24 MINIMUM WAGE RATES

A. Labor required for the construction of this project is subject to the minimum wage rates as provided in the General Requirements.

1.25 NON DISCRIMINATION

A. No bidder/offeror on any District contract may illegally discriminate on the basis of sex, race, color, religion, gender identity, sexual orientation, national origin, ancestry, age, marital status, changes in marital status, pregnancy, parenthood, physical or mental disability, Vietnam era veteran status, genetic information, or good faith reporting to the board on a matter of public concern in employment, provision of services, or otherwise.

B. Any bidder/offeror submitting a bid or proposal of one hundred thousand ($100,000) or more must certify that if awarded a contract on the basis of that bid or proposal, he/she as the contractor will not illegally discriminate against any member or applicant for employment because of sex, race, color, religion, gender identity, sexual orientation,

national origin, ancestry, age, marital status, changes in marital status, pregnancy, parenthood, physical or mental disability, Vietnam era veteran status, genetic information, or good faith reporting to the board on a matter of public concern in employment, provision of services, or otherwise.

1. Notice of Compliance

   a. All successful bidders/offerors shall insure such non-discrimination.
   b. All successful bidders/offerors must agree to post in conspicuous places, available to employees and applicants for employment, notice setting forth the provisions of this non-discrimination section and this section shall be deemed to be a part of every contract entered into by the District under these policies.

2. Minority Business Enterprises

   a. The District requires adherence to the Anchorage Municipal Code, relating to Minority Business Enterprises and will monitor and implement these policies through the District's Equal Employment Opportunity Director (EEO).
   b. It is the policy of the District that socially and economically disadvantaged minority businesses located within the Municipality of Anchorage be afforded an equitable opportunity to participate in District contracts.
   c. Any appeal from a decision of the Equal Employment Opportunity Director shall be to the Superintendent and, if not satisfied, to the Board.

1.26 ASBESTOS FREE MATERIALS

A. The bidder, by submitting a bid on this project, thereby certifies and guarantees to the Anchorage School District that any products or materials sold, used or installed under the terms of this contract will not contain any asbestos. In the event the product sold does not conform to the above standards, the buyer may return the product for correction or replacement at the seller's option and at the seller's expense. Services performed by the seller which do not conform to the above standards must be corrected by the seller at the seller's expense or make the appropriate correction within a reasonable time.

1.27 CONFLICT OF INTEREST

A. The Contractor agrees to certify that Anchorage School District employees, School Board members, or a member of their household are not in conflict of interest with the contract and Board Policy as follows (AR3311.1(e).1 Disclosure and Waiver of Conflict of Interest):

1. No Board member, employee, or a member of their household, shall acquire, directly or indirectly, an economic interest in a District or Municipal contract, or engage in business with the District or the municipality, unless the contract is competitively solicited and other requirements of Section 3311 of Board Policy and section 1.15 of the Anchorage Municipal Code are met.
2. The following acts and circumstances shall not be deemed to be in conflict with the performance of official duties if, at the earliest opportunity after having acquired such knowledge, the Board member or employee files a disclosure pursuant to AR3311.1(e).1 or requests and obtains a waiver pursuant to Board Policy AR3311.1(e).2:

   a. Such person owns a sole proprietorship, or is a partner in a partnership, or is an officer, director, major shareholder (five percent (5%) or more of

the outstanding shares) or has management control in a corporation that submits a bid, proposal or quotation to the District or attempts to enter or enters into a contract with the District;

b. Such person has any significant (five percent (5%) or more) financial interest in any sale, lease or rental to the District of any service or property and such person has knowledge that the District intends to purchase, lease or rent the property or service;

c. Such person wishes to sell or receive royalties on books or materials sold to the District for use in the school system for which the employee is the author;

d. Such person is an employee who has been providing private services to a child who transfers to a new school or class or advances to a higher grade and the child becomes a student in the class being taught/aided by his/her provider.

B. Board Members, District employees, and their household and/or immediate family members are required to comply with Board Policies and the Municipal Ethics Code by disclosing conflicts of interest.

1. When a board member, employee, or their household and/or immediate family member intends to do business with the District, the appropriate District and Municipal forms must be filed by the Board Member or District employee with the Municipal Clerk's Office and the Purchasing Department.

> Note: *Notice of Intent To Respond To Public Solicitation* shall be filed with the Municipal Clerk's office in advance to allow a minimum of **7 calendar days to elapse between electronic publication by the clerk and the final date** for submitting a response to the solicitation. The form may be obtained from the Municipality of Anchorage website, www.muni.org.
>
> District *Disclosure* and *Request for Waiver* forms and instructions may be obtained from the Purchasing Bid Information link under Quick Links on the ASD website, www.asdk12.org.

2. The responsibility for complete and timely filing rests solely with the Board Member or District employee.

C. Copies of all conflict of interest and ethics code documents should be submitted with your quote.

1.28 CONTRACT INDUCEMENTS

A. No payment, gratuity or offer of employment shall be made in connection with any contract, by or on behalf of the subcontractor to the prime contractor or higher tier subcontractor or any person associated therewith, as an inducement for the award of a subcontract or order.

1.29 GOVERNANCE

A. This solicitation is an Invitation to Bid ("ITB") governed by applicable Anchorage School Board Policies, including Section 3311 of such Policies. Anchorage School Board Policies are available at https://www.boardpolicyonline.com/?b=anchorage

Offerors should read this ITB carefully and review all instructions contained herein. Incomplete or incorrect bids may be rejected as not conforming to the essential requirements of the ITB. Bids submitted on other than the prescribed forms contained in this ITB will be rejected. Bidders may copy the forms contained in the ITB for use in their bids, but substitute forms or formats are unacceptable. Electronic copies of the forms which bidders must submit as part of any bid, if any—if not provided with this ITB—may be obtained by contacting the Anchorage School District Purchasing Department. Forms shall not be altered except to supply requested bidder information.

1.30 APPRENTICESHIP UTILIZATION COMPLIANCE

A. In order to be deemed a responsive bid/offer, bidders/offerors shall provide a signed notarized Apprenticeship Utilization Affidavit ("AUA") with their bid. ASD reserves the right to request the signed notarized AUA to be submitted within three (3) working days after bid submission. By doing this, bidders/offerors are confirming that they understand and agree that in all trades/crafts categories in which there is an Alaskan Federally Registered Apprenticeship Program, they will ensure that 15% of the aggregate hours in those trades' categories will be worked by apprentices, as mandated by Anchorage School Board Policy 3311.1.2. This applies to both prime contractor labor hours and subcontractor labor hours. By signing the AUA, bidders/offerors are confirming their understanding and agreement that ASD will request documentation to factually demonstrate compliance with the 15% Apprenticeship Utilization Policy ("AUP"), and conduct audits. Audits for projects will be conducted every 30 days. In addition to providing documentation to ASD to confirm that 15% of the labor hours worked in trades/crafts categories that have Alaskan Federally Registered Apprenticeship Program has been done by certified apprentices enrolled in such programs, the prime contractor will provide documentation to confirm that the apprentices listed on the documentation submitted are currently in good standing in their Alaskan Federally Registered Apprenticeship Program. Attached to the solicitation will be the current version of the Federally Registered Alaskan Apprenticeship Programs, which was provided to ASD by the Federal Department of Labor.

B. Forms used to demonstrate compliance during the contract administration period are found in Section 00630 Construction Forms.

1. List of Federally Registered Alaskan Apprenticeship Programs

a. This list from the Federal Department of Labor will provide contractors with a list of Alaskan apprenticeship programs and crafts/trades categories that are subject to ASD's AUP.

2. Apprenticeship Utilization Form

a. The Prime Contractor will list the crafts/trades categories required to complete the project that have Alaskan Federally Registered Apprenticeship Programs. This list will include all crafts/trades categories for both the prime and subcontractors.

3. Apprenticeship Utilization Program Calculation Form

a. This form will be submitted by the prime contractors to demonstrate compliance with the apprenticeship utilization percentage for both prime and subcontractors on the project.

b. Audits will be performed when the hours submitted by the prime's and/or subcontractor's certified payroll exceed 500 hours. Audits will continue as per the schedule unless the prime's and the subcontractor's certified payroll does not meet the minimum threshold of 500 hours. Prime and Subcontractors will be required to submit certified payrolls during periods where very little work is being performed. This will continue until the minimum threshold of 500 hours is met and warrants an audit. Audits will be conducted from Site Available to Contractors through Final Completion on all projects awarded by the District in excess of $100,000 at the time of bid.

4. Penalty Table

a. This table lists the penalties for non-compliance with the AUP.

C. Prime Contractors are required to meet with Purchasing to discuss forms and processes of Apprentice Utilization Program prior to start of work.

END OF SECTION

PROJECT SCHEDULE MILESTONE DATES

On-Site Visit ..... September 25, 2025

Pre-Bid Conference..... September 26, 2025

Bid Opening ..... October 10, 2025

Board Meeting (anticipated).....November 4, 2025, Non-Action, November 18, 2025, Action

Notice to Proceed (anticipated)..... December 9, 2025

Site Available to Contractor..... May 26, 2026

Substantial Completion – Building ..... N/A

Substantial Completion - Site.....July 31, 2026

Final Completion .....August 31, 2026

Dates of Interest:

Indigenous Peoples Day ..... October 13, 2025
Parent Teacher Conferences ..... October 22 – 23, 2025
Thanksgiving Holiday ..... November 27 – 28, 2025
Winter Vacation.....December 22, 2025 – January 2, 2026
Martin Luther King Holiday..... January 19, 2026
Presidents Day Holiday.....February 16, 2026
Spring Break Week .....March 9 – 13, 2026
School Ends for Students..... May 20, 2026
Teachers Last Day..... May 21, 2026
Memorial Day Holiday ..... May 25, 2026
Juneteenth Holiday ..... June 19, 2026
Independence Day Holiday .....July 4, 2026
Teachers First Day.....August 14, 2026
Students First Day.....August 19, 2026
Labor Day Holiday..... September 7, 2026

The Contractor shall be required to plan, schedule, execute and complete all work under the contract in accordance with the Project Schedule Milestone Dates set forth under this Section 00200. The above listed Project Schedule Milestone Dates for Substantial Completion and Final Completion may not be altered by the Contractor, either to schedule or to achieve early completion of the project, without the express written consent of the Owner.

The bidder's attention is drawn to the requirements of Division 1, Section 01311 of the General Requirements entitled Project Schedule and to the Phasing Drawings for associated phasing information.

END OF SECTION

Project Title: Bowman ES Playground 2025 Upgrades | Invitation to Bid Number: 2026 – 803

TO: Anchorage School District
4919 Van Buren Street
Anchorage, Alaska 99517

FROM: _____BIDDER

_____ADDRESS

_____CITY/STATE

_____PHONE/FAX

_____EMAIL

Operating as (strike out conditions that do not apply) an individual, a company, a corporation, organized and existing under the laws of the State of _____, or a proprietorship, a partnership, or joint venture consisting of _____

_____.

1. BASE BID:

Having become completely familiar with the local conditions affecting the cost of the work at the place where work is to be executed, and having carefully examined the site and building conditions as they currently exist, and having carefully examined the proposed contract documents, together with any addenda to such contract documents as listed hereinafter, the undersigned hereby proposes and agrees to provide all labor, materials, equipment, transportation, supervision and other facilities as necessary and/or required to execute all of the work described by the aforesaid contract documents for the lump sum consideration of:

$ _____ (In Numbers)

Said amount being hereinafter referred to as the base bid, base bid proposed, or lump sum.

2. ALTERNATES:

The undersigned proposes to perform alternates for the stated resulting additions or deductions from the base bid. Additions and deductions shall include any modifications of work or additional work that the undersigned may deem to be required to perform by reason of the acceptance or rejection of any alternate, including allowances for overhead and profit, and in accordance with the Project Schedule Milestone Dates set forth under Section 00200 hereof. The Owner reserves the right to award the alternates in any order or number and include them in the contract award price.

A. Alternate Number One: Added surfacing & equipment – Area A as noted on drawings

Adjust Base Bid by ADDING: $_____ (In Numbers)

B. Alternate Number Two: Added surfacing – Area B as noted on drawings.

Adjust Base Bid by ADDING: $_____ (In Numbers)

3. UNIT PRICES:

The following unit prices will be used at the discretion of the Owner for the addition or deletion of work not reasonably implied or not included in the Contract Documents. Unit prices must include all labor, material, overhead, and profit for each unit of work. All unit price work will be processed by Request for Proposal followed by a Change Order to the Contract when quantities are verified and agreed upon.

A. None

4. ALLOWANCES / ASSIGNMENTS:

A. None

5. ADDENDA ACKNOWLEDGMENT:

The undersigned acknowledges receipt of the following addenda: (List by number and date appearing on addenda.)

_____

_____

_____

6. TIME OF COMPLETION:

The undersigned agrees to complete all work under this contract in accordance with the Project Schedule Milestone Dates set forth under Section 00200 hereof.

7. BID SECURITY:

A bid bond in the amount of five percent (5%) of the total amount of the base bid is attached in the sum of:

$ _____ (In Numbers)

which is to become the property of the Owner in the event the Performance Bond and Payment Bond are not executed within the time set forth in paragraph 10 of this section, as liquidated damages for the delay and additional work caused the Owner.

8. The undersigned agrees that upon receipt of the notice of acceptance of his bid, he will execute the formal contract, and will deliver all proper bonds and proof of insurance coverage as may be required by the contract documents.

9. The undersigned further agrees to execute the formal contract within ten (10) days from the date of the notice of acceptance of this bid, and in case the undersigned fails or neglects to appear within the specified time to execute the contract, the undersigned will be considered as having abandoned the contract, and the bid bond accompanying this bid will be forfeited to the Owner by

reason of such failure on the part of the undersigned.

10. The undersigned further agrees to commence with the work under the contract in accordance with the date of commencement of the Work established in the Notice to Proceed.

11. The undersigned further agrees that the bid security may be retained by the Owner and that said bid guarantee shall remain with the Owner until the contract has been executed by the Owner.

12. The undersigned has checked all of the above figures, and understands that the Owner will not be responsible for any errors or omissions on the part of the undersigned in preparing this bid.

13. In submitting this bid, it is understood that the right is reserved by the Owner to reject any or all bids and waive any informalities and irregularities in connection therewith. It is agreed that this bid may not be withdrawn for a period of forty-five (45) days from the date and time of opening.

14. The undersigned declares that the person or persons signing this Bid Form is/are fully authorized to sign on behalf of the firm listed and to fully bind the firm listed to all the conditions and provisions thereof.

15. It is agreed that no person or persons or company other than the firm listed below or as otherwise indicated has any interest whatsoever in this bid or the contract that may be entered into as a result of the bid and that in all respects the proposal is legal and firm, submitted in good faith without collusion for fraud.

16. It is agreed that the undersigned has complied or will comply with all requirements of local, state and national laws, and that no legal requirement has been or will be violated in making or accepting this bid in awarding the contract to him and/or in the prosecution of the work required.

17. CONFLICT OF INTEREST:

I certify no member of the School Board or District employee, or spouse or other member of his/her household shall have any undisclosed interest as noted in paragraph entitled Conflict Of Interest (Section 00100). By and for the bidder:

Signature: _____

18. APPRENTICESHIP UTILIZATION AFFIDAVIT (FOR BIDS OVER $100,000)

Pursuant to School Board Policy 3311.1.2, Use of Apprentices, I _____

the undersigned Principal for _____

on Solicitation _____ certify:

A. I understand that Anchorage School District (“ASD”) School Board Policy 3311.1.2 states, “For capital maintenance and construction projects with an estimated total cost of more than $100,000, the Anchorage School District shall require that no less than fifteen percent (15%) of the total hours worked on the project shall be performed by apprentices enrolled in a federally registered or State of Alaska-approved apprenticeship program. This requirement shall only apply to crafts for which an Alaskan federally registered apprenticeship program exists.”

B. I will ensure that apprentices employed by the prime and sub-contractors, in the eligible trades categories, will provide no less than fifteen percent (15%) of the aggregate labor hours of those eligible trades categories.

C. I understand that if awarded a contract in excess of $100,000, ASD will audit the prime contractor at 30-day intervals. ASD reserves the right to audit at random intervals as needed.

D. I understand ASD will conduct random site inspections to determine that employed apprentices are working at the project site.

E. I understand that if I am awarded a contract ASD will require the following specific reporting requirements during the contract performance period to ensure that the 15% apprenticeship utilization requirement is met:

a. List of the apprentices the prime contractor intends to use to meet the utilization goal, and the Alaskan federally registered apprenticeship programs to which they belong (Apprenticeship Utilization Form);
b. List of the subcontractors that the prime contractor will use on this project;
c. List of the apprentices the subcontractor intends to use to meet the utilization goal required by the prime contractor, and the apprenticeship programs they belong to (Apprenticeship Utilization Form);
d. Submission of Apprenticeship Utilization Program Calculations Form, to be submitted by the prime contractor, at 30-day intervals for contracts exceeding $100,000, consisting of a compliance spreadsheet, with supporting documents demonstrating compliance by both the prime contractor and all subcontractors, identifying the trades categories that are subject to the utilization requirement, apprentice employees used to meet the goals, and apprentice hours calculation showing compliance with the required 15% utilization when compared to total hours worked in the eligible trades categories.

F. I understand a non-compliance penalty for projects exceeding $100,000 will be assessed at each 30-day audit per the Penalty Table, if I am found to be non-compliant during the contract period.

a. Failure to comply at 1st 30-day audit will result in a penalty per the Penalty Table, which will be deducted from the prime contractor's invoice.
b. Failure to comply in a consecutive 2nd 30-day audit will result in a penalty per the Penalty Table, which will be deducted from the prime contractor's invoice.
c. Failure to comply in a consecutive 3rd 30-day audit will result in a penalty per the Penalty Table, which will be deducted from the prime contractor's invoice.
d. Failure to comply in a consecutive 4th 30-day audit will result in a penalty per the Penalty Table, which will be deducted from the prime contractor's invoice, and may result in a finding of non-responsibility on future bidding. (This penalty will repeat for any future non-compliance.)

G. <u>Application of the Penalty Table:</u>

a. Advancement of penalties in the Penalty Table will only be assessed for consecutive non-compliance. If the contractor gets back into compliance, any future non-compliance will be assessed at the beginning step of the Penalty Table, per the applicable contract threshold category.

H. <u>Lack of Apprentice(s) availability:</u>

a. If a contractor is awarded a contract but cannot meet the apprenticeship utilization requirement, and fail an audit, the contractor will have the opportunity to request a waiver from the apprenticeship utilization requirement. A waiver will only be

granted if the contractor can factually demonstrate that the cause was from a lack of available apprentices in eligible trades categories.

I. ASD will provide the List of Alaskan Federal Registered Apprenticeship Programs, which contains the crafts/trades categories within those federally registered programs. Once per year, ASD will receive the updated List of Alaskan Federal Registered Apprenticeship Programs from the Federal Department of Labor to capture any new Alaskan Federally Registered Apprenticeship Programs that have been added, or to capture any that have been dissolved or discontinued. The List of Alaskan Federal Registered Apprenticeship Programs provided to ASD by the Federal Department of Labor will be posted on ASD's website, as contained in the solicitation, so contractors have access to it.

J. Definitions:

a. **Alaskan Federally Registered Apprenticeship Programs** are programs approved by the Federal Department of Labor, US DOL Office of Apprenticeship.
b. **Eligible Trades Categories** are the crafts/trades categories that fall under an Alaskan Federally Registered Apprenticeship Program. Eligible Trades Categories will be the categories measured for aggregate project hours and apprentice hours to establish the apprenticeship utilization percentage.
c. **The List of Alaskan Federal Registered Apprenticeship Programs** is a current list provided by ASD to contractors that shows the Alaskan Federally Registered Apprenticeship Programs and the eligible trades categories under those programs. That current list will be the list in effect and in force during the issuance of the solicitation. Any changes to the list will affect future solicitations and will not be retroactive to prior solicitations.
d. **Random Site Inspections** are defined as non-scheduled site inspections, in which ASD's representative will visit the project site to establish if apprentices are physically on-site. ASD will provide a minimum of 24 hours' notice to contractors prior to the site inspections.
e. **Consecutive Non-Compliance** is when a contractor consecutively fails to meet the required apprenticeship utilization percentage. If a contractor fails an audit, but then passes the next audit, any future non-compliance will be addressed at the first step of the Penalty Table per the contract values in the table.
f. **The Measurement of Aggregate Apprenticeship Utilization Hours** is defined by the following. Compliance will be audited at 30-day intervals for projects exceeding $100,000. Each 30 day audit period will be measured independently for aggregate apprenticeship utilization hours. If a contractor does not meet the 15% apprenticeship utilization requirement in an audit period, a penalty will be assessed, per the penalty table. However, the deficiency in percentage of apprenticeship utilization hours, will not be carried forward from one audit period to the next. Contractors will only be required to meet the 15% apprenticeship utilization requirement in each audit period, which will be measured independently. In addition, if the aggregate hours for all audit periods for the entire project are 15% or greater, any previously assessed penalties for non-compliance in an audit period will be rescinded.
g. **Finding of non-responsibility:** If ASD determines a contractor to be non-responsible, they will not be permitted to bid on ASD projects.

IN WITNESS WHEREOF, the signature of the undersigned Contractor has been hereunto set this _____ day of _____, 20___, at _____, Alaska.

Signature: _____

Printed Name: _____

I, _____, being first duly sworn, say that I am the agent for and executed the foregoing under authority of said company to do so; that I have read the same, know the contents thereof, and the matter set forth therein are as I truly believe.

Signature: _____

Subscribed and sworn to before me this _____ day of _____, 20___, at _____, Alaska.

Notary Public in and for: _____

My Commission Expires: _____.

19. LICENSE NUMBER(S):

Alaska Business License Number: _____

Alaska General or Specialty Contracting License Number: _____

Respectfully Submitted, this _____ day of _____, 20__.

Firm Name:_____

Federal Tax ID: _____

Address: _____

_____

Signature:_____

Name (Typed):_____

Title: _____

CORPORATE SEAL (if applicable)

ENCLOSURES:

1. Bid Guarantee (in the form and amount specified or required, include Power of Attorney For Surety)

END OF SECTION

OWNER – CONTRACTOR AGREEMENT FORM

REFERENCE:

1. The form of agreement between the Owner and the Contractor shall be the form bound herein.

2. The Agreement shall be executed in duplicate.

CONTRACT NO. XXCXXXX
SCHOOL PROJECT TITLE
ITB 202X-8XX
ASD PROJECT NO.

Board Memo No.: N/A or Number
Date of Contract: Date of Contract

Company
Address
City, State, Zip

(_) Sole Proprietorship
(_) Partnership
(_) Incorporated in the State of Alaska

OWNER: ANCHORAGE SCHOOL DISTRICT, ANCHORAGE ALASKA

CONTRACT FOR: ITB SCHOOL PROJECT TITLE

Amount of Contract: Amount of Contract in words Dollars and No Cents

Base Bid:	$xxx,xxx.xx
Additive Alternate 1:	$xxx,xxx.xx
Siemens Allowance:	$xxx,xxx.xx
Total:	$xxx,xxx.xx

Statement of Work: The Contractor shall furnish all labor, equipment and materials and perform the work above described for the amount stated in strict accordance with Contract Documents, all of which are made a part of this Contract and designated as follows:

CONTRACT DOCUMENTS

I. This Contract, consisting of two (2) pages.
II. Section 00620 Performance Bond and Payment Bond, consisting of nine (9) pages, dated (date of contract) and attached Power of Attorney for Surety.
III. Contractor signed Bid Form, Section 00300 and signed Addendum/a consisting of four (4) or five (5) pages.
IV. Alaska Sex Offender/Child Kidnapper Registry Contractor Certification consisting of one (1) page.
V. Certificates of Insurance.
VI. Invitation to Bid (number) Project Manual dated (date) and all Drawings are hereby incorporated by reference as if in full text.

In the event of a conflict between any of the Contract Documents and the provisions of any purchase order of materials or service request issued in connection with this Contract, the provisions of the Contract Documents shall prevail.

Work shall be started in accordance with the Notice to Proceed. Time being of the essence, work shall be completed in accordance with the Project Schedule Milestone Dates set forth under Section 00200 thereof.

The ASD Project Manager for this Contract is: Insert Name of Project Manager Cell (907) XXX-XXXX, Office (907) XXX-XXXX and insert email address.

The attached performance and payment bond is in due form according to law, and is hereby approved.

SAMPLE

Date: _____

Anchorage School District Attorney

IN WITNESS WHEREOF, the parties hereto have executed this Contract as of this date entered on the first page hereof.

ANCHORAGE SCHOOL DISTRICT

David Whiting, Date
Senior Director of Purchasing/Warehouse

CONTRACTOR BUSINESS NAME

Contractor Signature Date

Contractor Print Name and Title

Corporate Seal

Account Code(s):

SAMPLE

BID BOND FORM

REFERENCE:

1. If the Bid Guarantee is submitted on Bond Form, the Bid Bond shall be the form as bound herein.

BID BOND

KNOW ALL MEN BY THESE PRESENT that we, _____ as
Contractor

PRINCIPAL, and _____,a corporation duly organized under the laws
Surety

of the State of _____, as SURETY/OBLIGOR authorized to transact surety business in the state of Alaska, are held and firmly bound unto the ANCHORAGE SCHOOL DISTRICT, as OBLIGEE, in the amount of 5% of the Base Bid Amount for payment whereof PRINCIPAL and SURETY bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these present.

WHEREAS, the PRINCIPAL is herewith submitting its proposal for _____

_____

The condition of this obligation is such that if the PRINCIPAL will, within the time required, enter into a formal contract, and give a good and sufficient bond to secure the performance of the terms and conditions of the contract, then this Obligation to be void; otherwise, the PRINCIPAL and SURETY will pay unto the OBLIGEE the amount stated above.

OWNER

Anchorage School District
4919 Van Buren Street
Anchorage, Alaska 99517

CONSTRUCTION PROJECT

Solicitation No.: _____

Location: _____

_____

CONTRACTOR

Name: _____

Address: _____

City/State:_____

SURETY

Name: _____

Address: _____

City/State: _____

IN TESTIMONY WHEREOF, the parties hereunto have caused the execution of this bond on the _____ day of _____, 20____.

PRINCIPAL	**SURETY**
_____	_____
Contractor Name	Corporate Surety Name (Seal)
By: _____	By: _____
Signature	Signature
_____	_____
Typed Name and Title	Typed Name, Attorney-in-fact
_____	
WITNESS AS TO PRINCIPAL	

Note: Attach Power of Attorney for Surety Signator.

END OF SECTION

PERFORMANCE BOND AND PAYMENT BOND

REFERENCE:

1. The Performance Bond and Payment Bond shall be the forms as bound herein.

CONSTRUCTION PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENT that we, _____ as
Contractor

PRINCIPAL, and _____, a corporation duly organized under the laws
Surety

of the State of _____, as SURETY/OBLIGOR authorized to transact surety business in the state of Alaska, are held and firmly bound unto the ANCHORAGE SCHOOL DISTRICT, as OBLIGEE, in the amount

of _____

_____ Dollars

($_____), for payment whereof PRINCIPAL and SURETY bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these present.

This Construction Performance Bond ("Bond") is entered into by and between the undersigned parties to ensure the faithful performance of the Construction Contract listed below.

OWNER

Anchorage School District

4919 Van Buren Street

Anchorage, Alaska 99517

CONSTRUCTION PROJECT

Solicitation No.: _____

Location: _____

BOND

Number: _____

Date: _____

Amount: _____

CONSTRUCTION CONTRACT

Number: _____

Date: _____

Amount: _____

CONTRACTOR

Name:_____

Address:_____

City/State: _____

SURETY

Name: _____

Address: _____

City/State: _____

IN TESTIMONY WHEREOF, the parties hereunto have caused the execution hereof of two (2) original counterparts as the _____ day of _____, 20____.

PRINCIPAL	**SURETY**
_____	_____
Contractor Name	Corporate Surety Name (Seal)
_____	_____
Signature	Signature
_____	_____
Typed Name and Title	Typed Name, Attorney-in-fact

_____
WITNESS AS TO PRINCIPAL

Note: Attach Power of Attorney for Surety Signator.

CONSTRUCTION PERFORMANCE BOND TERMS AND CONDITIONS

1. The CONTRACTOR and the SURETY, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the OWNER for the complete and proper performance of the Construction Contract, which is incorporated herein by reference.

2. If the CONTRACTOR completely and properly performs all of its obligations under the Construction Contract, the SURETY and the CONTRACTOR shall have no obligation under this Bond.

3. If there is no OWNER Default, the SURETY's obligation under this Bond shall arise after:

   a. OWNER has declared a CONTRACTOR Default under the Construction Contract pursuant to the terms of the Construction Contract; and

   b. The OWNER has agreed to pay the Balance of the Contract Sum to:

      i. The SURETY in accordance with the terms of this Bond and the Construction Contract; or

      ii. A contractor selected to perform the Construction Contract in accordance with the terms of this Bond and the Construction Contract.

4. When the OWNER has satisfied the conditions of Paragraph 3, the SURETY shall promptly (within thirty (30) days) and at the SURETY's expense elect to take one of the following actions:

   a. Arrange for the CONTRACTOR, with consent of the OWNER, to perform and complete the Construction Contract (but OWNER may withhold consent, in which case the SURETY must election option 4b, 4c or 4d, below); or

   b. Undertake to perform and complete the Construction Contract itself, through its agents or through independent contractors; or

   c. Obtain bids from qualified contractors acceptable to OWNER for a contract for performance and completion of the Construction Contract, and, upon determination by OWNER of the lowest responsive and responsible bidder, arrange for a contract to be prepared for execution by OWNER and the contractor selected with OWNER's concurrence, to be secured with performance and payment bonds executed by a qualified SURETY equivalent to the bonds issued on the Construction Contract; and, if the SURETY's obligations defined in Paragraph 6 exceed the Balance of the Contract Sum, then the SURETY shall pay to OWNER the amount of such excess; or

   d. Waive its right to perform and complete, arrange for completion, or obtain a new contractor and, with reasonable promptness under the circumstances and after investigation and consultation with OWNER, determine in good faith the amount for which it may then be liable to OWNER under Paragraph 6 for the performance and completion of the Construction Contract and, as soon as practicable after the amount is determined, tender payment therefore to OWNER with full explanation of the payment's calculation. If OWNER accepts the SURETY's tender under this paragraph 4.d, OWNER may still hold SURETY liable for future damages then unknown or unliquidated resulting from the CONTRACTOR Default. If OWNER disputes the amount of the SURETY's tender under this paragraph 4.d, OWNER may exercise all remedies available to it at law to enforce the SURETY's liability under paragraph 6.

5. If the SURETY does not proceed as provided in Paragraph 4, then the SURETY shall be deemed to be in default on this Bond ten (10) days after receipt of an additional written notice from OWNER to the SURETY demanding that the SURETY perform its obligations under this Bond. At all times OWNER shall be entitled to enforce any remedy available to OWNER at law or under the Construction Contract including, without limitation, and by way of example only, rights to perform work, protect work, mitigate damages, or coordinate work with other consultants or contractors.

6. The SURETY's monetary obligation under this Bond is limited by the amount of this Bond. Subject to these limits, the SURETY's obligations under this Bond are commensurate with the obligations of the CONTRACTOR under the Construction Contract. The SURETY's obligations shall include but are not limited to:

    a. The responsibilities of the CONTRACTOR under the Construction Contract for completion of the Construction Contract and correction of defective work;

    b. The responsibilities of the CONTRACTOR under the Construction Contract to pay liquidated damages, and for damages for which no liquidated damages are specified in the Construction Contract, actual damages caused by non-performance of the Construction Contract, including but not limited to, all valid and proper back charges, offsets, payments, indemnities or other damages;

    c. Additional legal, design professional and delay costs resulting from the CONTRACTOR Default or resulting from the actions or failure to act of the SURETY under Paragraph 4.

7. No right of action shall accrue on this Bond to any person or entity other than OWNER or its heirs, executors, administrators, or successors.

8. The SURETY hereby waives notice of any change, alteration or addition to the Construction Contract or to related subcontracts, purchase orders and other obligations, including changes of time. The SURETY consents to all terms of the Construction Contract, including provisions on changes to the Contract. No extension of time, change, alteration, modification, deletion, or addition to the Contract Documents, or of the work required thereunder, shall release or exonerate SURETY on this Bond or in any way affect the obligations of SURETY on this Bond.

9. Any proceeding, legal or equitable, under the Bond shall be instituted in the Superior Court for the State of Alaska, Third Judicial District.

10. Notice to the SURETY, OWNER or the CONTRACTOR shall be mailed or delivered to the address shown on the front page.

11. Any provision in this Bond conflicting with any statutory or regulatory requirement shall be deemed deleted herefrom and provisions conforming to such statutory requirement shall be deemed incorporated herein.

12. Definitions.

    a. Balance of the Contract Sum: The total amount payable by OWNER to the CONTRACTOR pursuant to the terms of the Construction Contract after all proper adjustments have been made under the Construction Contract, for example, deductions for progress payments made, and increases/decreases for approved modifications to the Construction Contract.

    b. Construction Contract: The agreement between OWNER and the CONTRACTOR identified on the signature page, including all Contract Documents and changes thereto.

c. CONTRACTOR Default: Material failure of the CONTRACTOR which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Construction Contract, including but not limited to, the provisions of Article 14 of the General Conditions of the Construction Contract.

d. OWNER Default: Material failure of OWNER, which has neither been remedied nor waived, to pay the CONTRACTOR progress payments due under the Construction Contract or to perform other material terms of the Construction Contract, if such failure is the cause of the asserted CONTRACTOR Default and is sufficient to justify CONTRACTOR termination of the Construction Contract.

PAYMENT BOND

KNOW ALL MEN BY THESE PRESENT that we, _____ as
Contractor

PRINCIPAL, and _____ a corporation duly organized under the laws
Surety

of the State of _____, as SURETY/OBLIGOR authorized to transact surety business in the state of Alaska, are held and firmly bound unto the ANCHORAGE SCHOOL DISTRICT, as OBLIGEE, in the amount

of _____ Dollars

($_____), for payment whereof PRINCIPAL and SURETY bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these present.
This Payment Bond ("Bond") is entered into by and between the undersigned parties to ensure the faithful performance of the Construction Contract listed below.

OWNER

Anchorage School District

4919 Van Buren Street

Anchorage, Alaska 99517

CONSTRUCTION PROJECT

Solicitation No.: _____

Location: _____

BOND

Number:_____

Date:_____

Amount: _____

CONSTRUCTION CONTRACT

Number: _____

Date: _____

Amount: _____

CONTRACTOR

Name:_____

Address: _____

City/State:_____

SURETY

Name: _____

Address: _____

City/State: _____

IN TESTIMONY WHEREOF, the parties hereunto have caused the execution hereof of two (2) original counterparts as the _____ day of_____, 20_____.

PRINCIPAL	**SURETY**
_____	_____
Contractor Name	Corporate Surety Name (Seal)
_____	_____
Signature	Signature
_____	_____
Typed Name and Title	Typed Name, Attorney-in-fact

_____
WITNESS AS TO PRINCIPAL

Note: Attach Power of Attorney for Surety Signator.

PAYMENT BOND TERMS AND CONDITIONS

The condition of this obligation is such that if the PRINCIPAL shall promptly make payment to all Claimants who furnish labor or materials in the prosecution of the Work provided for in the Construction Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect.

This Bond has been furnished to comply with Alaska Statute 36.25.010, and to allow enforcement rights pursuant to Alaska Statute 36.25.020. Any provisions in this Bond conflicting with said statutory requirements shall be deemed deleted herefrom and provisions conforming to such statutory requirements shall be deemed incorporated herein.

The SURETY hereby waives notice of any change, alteration or addition to the Construction Contract or to related subcontracts, purchase orders and other obligations, including changes of time. The SURETY consents to all terms of the Construction Contract, including provisions on changes to the Contract. No extension of time, change, alteration, modification, deletion, or addition to the Contract Documents, or of the work required thereunder, shall release of exonerate SURETY on this Bond or in any way affect the obligations of SURETY on this Bond.

END OF SECTION

SAMPLE FORMS AND CERTIFICATES

A. GENERAL

A.01 RELATED WORK SPECIFIED ELSEWHERE

A. Comply with the contract conditions requirements and specified administrative procedures in closing out work.

A.02 RELATED REQUIREMENTS SPECIFIED ELSEWHERE

A. Section 00700 and 00800: General and Supplementary General Conditions

B. Section 01700: Project Closeout

A.03 APPLICATION AND CERTIFICATE FOR PAYMENT

A. Use Anchorage School District Form 100, 100A, 100B, and 100C attached herein.

A.04 CERTIFICATION OF SUBSTANTIAL COMPLETION

A. Use Anchorage School District Form 101 attached herein.

A.05 CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS

A. Use Anchorage School District Form 102 attached herein.

A.06 RELEASE ON CONTRACTS

A. Use Anchorage School District Form 103 attached herein.

A.07 CONSENT OF SURETY COMPANY TO FINAL PAYMENT

A. Use Anchorage School District Form 104 attached herein.

A.08 CONSENT OF SURETY TO REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE

A. Use Anchorage School District Form 105 attached herein.

A.09 CERTIFICATES OF INSURANCE

A. The contractor’s Certificate of Insurance shall be on an industry standard form with, as a minimum, the categories and clauses on the Accord form with contractual clauses for contract number and description, subrogation waiver, additional insured and cancellation notification.

A.10 REQUEST FOR INFORMATION

A. Contractor’s requests for information shall be on Anchorage School District request for information forms.

A.11 PRIME CONTRACT POTENTIAL CHANGE ORDER (PCO)

A. Proposals will be executed on Anchorage School District PCO forms.

A.12 CERTIFICATE OF COMPLIANCE

A. The Contractor shall submit a notarized Certificate of Compliance, contained in this section, with his application for Final Payment.

A.13 WARRANTY OF WORK

A. The Contractor shall furnish to the Owner a notarized Warranty of Work after Final Payment, contained in this section, with his application for Final Payment.

A.14 AHERA EXCLUSION DOCUMENT

A. The Contractor shall furnish to the Owner a signed AHERA Exclusion Document, contained in this section, with his application for Final Payment.

A.15 PRIME CONTRACT CHANGE ORDER (PCCO)

A. Change Orders/Contract Modifications will be executed on Anchorage School District PCCO forms.

A.16 CONTRACTOR'S QUALITY CONTROL REPORT (CQC)

A. The Contractor shall complete the CQC Report in accordance with Section 01400.

A.17 DEPARTMENT OF LABOR NOTICE OF WORK

A. The Contractor shall furnish to the Department of Labor a Notice of Work prior to start of construction.

A.18 DEPARTMENT OF REVENUE TAX CLEARANCE REQUEST FORM

A. For projects funded through the Department of Education (debt reimbursement or DEED grants), the Contractor shall furnish to the Owner a Tax Clearance Request Form approved by the Department of Revenue, contained in this section, with his application for Final Payment.

A.19 DEPARTMENT OF LABOR TAX CLEARANCE REQUEST FORM

A. For projects funded through the Department of Education (debt reimbursement or DEED grants), the Contractor shall furnish to the Owner a Tax Clearance Request Form approved by the Department of Labor, contained in this section, with his application for Final Payment.

A.20 SUBMITTAL CONTROL FORM

A. Submittals will be executed on Anchorage School District Submittal Control Forms.

A.21 STATE OF ALASKA SEX OFFENDER/CHILD KIDNAPPER REGISTRY CONTRACTOR CERTIFICATION

A. Contractor certifies contractor is familiar with and is in compliance with Anchorage School Board Policy 3515.5, that no employee or agent of contractor who will be on district property is registered as a sex offender or child kidnapper in Alaska [Alaska Department of Public Safety "Sex Offender/Child Kidnapper Registry"] or in any other state in which the

employee or agent previously lived or worked, and that, to contractors knowledge, no employee or agent is a convicted sex offender or child kidnapper.

A.22 STATE OF ALASKA SEX OFFENDER/CHILD KIDNAPPER REGISTRY SUBCONTRACTOR CERTIFICATION

A. Subcontractor certifies subcontractor is familiar with and is in compliance with Anchorage School Board Policy 3515.5, that no employee or agent of subcontractor who will be on district property is registered as a sex offender or child kidnapper in Alaska [Alaska Department of Public Safety “Sex Offender/Child Kidnapper Registry”] or in any other state in which the employee or agent previously lived or worked, and that, to subcontractors knowledge, no employee or agent is a convicted sex offender or child kidnapper.

A.23 STATE OF ALASKA SEX OFFENDER/CHILD KIDNAPPER REGISTRY SUB-SUBCONTRACTOR CERTIFICATION

A. Sub-subcontractor certifies sub-subcontractor is familiar with and is in compliance with Anchorage School Board Policy 3515.5, that no employee or agent of sub-subcontractor who will be on district property is registered as a sex offender or child kidnapper in Alaska [Alaska Department of Public Safety “Sex Offender/Child Kidnapper Registry”] or in any other state in which the employee or agent previously lived or worked, and that, to sub-subcontractors knowledge, no employee or agent is a convicted sex offender or child kidnapper.

A.24 LIST OF FEDERALLY REGISTERED ALASKAN APPRENTICESHIP PROGRAMS

A. This list from the Federal Department of Labor will provide contractors with the list Alaskan apprenticeship programs and crafts/trades categories that are subject to ASD’s AUP.

A.25 APPRENTICESHIP UTILIZATION FORM

A. The Prime Contractor will list the crafts/trades categories required to complete the project that have Alaskan Federally Registered Apprenticeship Programs. This list will include all crafts/trades categories for both the prime and subcontractors.

A.26 APPRENTICESHIP UTILIZATION PROGRAM CALCULATION FROM

A. This form will be submitted by the prime contractors to demonstrate compliance with the apprenticeship utilization percentage for both prime and subcontractors on the project.

A.27 PENALTY TABLE

A. This table lists the penalties for non-compliance with the AUP.

ANCHORAGE SCHOOL DISTRICT
APPLICATION FOR PAYMENT

Project Name: Contract #:
ITB/RFP No.: Application #:
Name of Contractor: Application date:
Address: Period to:

COMPUTATION OF PAYMENT DUE

(a) Original contract amount (ASD 100A)	$	-
(b) Net Change by Change Orders (ASD 100B)		$0.00
(c) Adjusted contract amount to date (a+b)	$	-
(d) Work Completed to Date (ASD 100B)	$	-
(e) Materials Stored (ASD 100B)	$	-
(f) Total Completed and Stored To Date (d+e)	$	-
(g) Less: amount retained in accordance with contract terms	$	-
(h) Net amount earned on contract work to date (f-g)	$	-
(i) Less: amount of previous payments (ASD 100B)		$0.00
(j) CURRENT PAYMENT DUE (h-I)	$	-
(k) Balance to Finish (c-h)	$	-

CERTIFICATION OF CONTRACTOR

According to the best of my knowledge and belief, I certify that all items and amounts shown on the face of this Application for Payment are correct; that all work has been performed and/or material supplied in full accordance with the requirements of the referenced Contract, and/or duly authorized deviations, substitutions, alterations, and/or additions; that payment has been made for all materials received and work performed for which previous pay applications were approved; that no part of the "Balance Due This Payment" has been received and that it is currently due.

_____ By _____
(Contractor) (Signature of Authorized Representative)

_____ Title: _____
Date

CERTIFICATION OF ARCHITECT

According to the best of my knowledge and belief, and based on on-site observations , I certify that the work completed as shown on ASD 100B has progressed as indicated, the quality of work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the Current Payment Due shown above.

_____ _____
Date (Signature of Architect)

APPROVED FOR PAYMENT

_____ _____
Date (ASD Project Manager)

ASD 100 (1/15)

ANCHORAGE SCHOOL DISTRICT
APPLICATION FOR PAYMENT
Summary of Original Contract, Change Orders, and Payments

Project Name:
ITB/RFP No.:
Name of Contractor:

Contract #::
Application #:
Application date:
Period to:

			Original Contract				
						Contract	
Date	No.	Description	Change Orders	Payments	Balance		Comments

ANCHORAGE SCHOOL DISTRICT
APPLICATION FOR PAYMENT
Detail of Schedule of Values and Work Completed

Project Name:
ITB/RFP No.:
Name of Contractor:

Contract #:
Application #:
Application date:
Period to:

A	B	C	D	E	F	G		H
Item	Description of Work	Scheduled Value	WORK COMPLETED		Materials Presently Stored (Not in D or E)	TOTAL Completed and Stored to Date (D+E+F)	% (G ÷ C)	Balance to Finish (C + G)
			From Prior Application (D+E)	This Period				
						$ -	#DIV/0!	$ -
						$ -	#DIV/0!	$ -
						$ -	#DIV/0!	$ -

ANCHORAGE SCHOOL DISTRICT
APPLICATION FOR PAYMENT
Detail of Schedule of Values and Work Completed

Project Name:
ITB/RFP No.:
Name of Contractor:

Contract #:
Application #:
Application date:
Period to:

A	B	C	D	E	F	G	H
Item	Description of Work	Scheduled Value	WORK COMPLETED		Materials Presently Stored (Not in D or E)	TOTAL Completed and Stored to Date (D+E+F)	% (G ÷ C)	Balance to Finish (C + G)
			From Prior Application (D+E)	This Period				
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
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		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
		$ -	$ -	$ -	$ -	$ -	#DIV/0!	$ -
	TOTAL CONTRACT	$ -	$ -	$ -	$ -	$ -		$ -

ASD# 100B (1/15) Continuation
Sch. of Values/
Work Completed

Page 2
of Detail Schedule

ANCHORAGE SCHOOL DISTRICT
APPLICATION FOR PAYMENT
Schedule of Stored Materials

Project Name:
ITB/RFP No.:
Name of Contractor:

Contract #:
Application #:
Application date:
Period to:

INVOICE #	VENDOR	DESCRIPTION	AMOUNT STORED AT END OF THIS PERIOD
		TOTAL STORED MATERIALS	$ -

ASD 100C (1/15) Continuation
Stored Material

Page # 1

CERTIFICATE OF SUBSTANTIAL COMPLETION

Project:_____ Contract Number: _____

Contractor: _____ Contract Date: _____

Architect: _____ Date of Issuance: _____

Owner: ANCHORAGE SCHOOL DISTRICT
1301 Labar Street
Anchorage, Alaska 99515

Project Description:
The work performed under this contract has been reviewed and found to be substantially complete. The date of Substantial Completion is hereby established as: _____

Definition of Date of Substantial Completion:
The date of substantial completion of the project is the date certified by the Owner when the work is substantially complete in accordance with, and defined in the Contract Documents.

A list of items to be completed or corrected, prepared by the Owner and verified and amended by the Architect is appended hereto. The failure to include any items or such list does not alter the responsibility of the Contractor to complete the project in accordance with the Contract Documents.

The Contractor will complete or correct the work on the list of items appended hereto within 30 days from the date of substantial completion.

The responsibilities of the Owner and the Contractor for maintenance, heat, utilities, and insurance shall be as follows: _____

_____

In reliance upon the certification of the Contractor and the Architect, the Owner hereby accepts the project as substantially complete. In accordance with the Contract Documents, the Owner hereby elects to assume occupancy of _____

_____ at_____ a.m./p.m. on
_____ .

Owner: **ANCHORAGE SCHOOL DISTRICT**

By: _____ Title: _____ Date: _____

Architect: _____

By: _____ Title: _____ Date: _____

Contractor: _____

By: _____ Title: _____ Date: _____

ASD 101 (01/03)

CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS
ANCHORAGE SCHOOL DISTRICT

WHEREAS, by the terms of a contract dated entered into by the Anchorage School District, and for the construction of

The undersigned, pursuant to the General Conditions of the Contract for the construction, , hereby certifies that, except as listed below, he has paid in full or has otherwise satisied all obligations for all materials and equipment furnished, for all work, labor, and services performed, and for all known indebtness and claims against the Contractor for damages arising in any manner in connection with the performance of the Contract referenced above for which the District or his property might in any way be held responsible.

EXCEPTIONS:

IN WITNESS WHEREOF, the seal of the undersigned Contractor have been hereunto set this

day of

, at

By

being first duly sworn, say that I am the agent for and executed the foregoing under authority of said company to do so; that I have read the same, know the contents thereof, and the matters set forth therein are as I truly believe.

By

Subscribed and sworn to before me this day of

, , at

Notary Public in and for

My Commission Expires

ASDF Form 102

RELEASE ON CONTRACT
ANCHORAGE SCHOOL DISTRICT

WHEREAS, by the terms of a contract dated _____entered into by the Anchorage School District, and _____for the construction of

_____,

it is provided that:
"Neither the final payment nor the remaining retained percentage shall become due until the Contractor shall provide the Owner (1) with a waiver and release of liens, on the forms provided by the Owner, executed by the Contractor..."

NOW THEREFORE, in consideration of the premises and the payment by the Anchorage School District to the undersigned Contractor of the amounts due under the contract and any changes or modifications thereto, to wit, the sum

of $ _____ _____ Dollars,
(Numbers) (In Words)

the undersigned Contractor hereby releases and forever discharges the Anchorage School District including its property, particularly that real property known as the

_____

of the Anchorage School District, of and from all manner of debts, dues and sum or sums of money, accounts, claims, and demands whatsoever, in Law and in equity, under or by virtue of said contract, and warrants good title to all material, supplies and equipment installed or incorporated in the project and all work delivered to the premises, together with all improvements and appurtenances constructed thereon by:

_____ to the Anchorage School District free of any claims, liens or encumbrances. Neither the undersigned nor any person, firm or corporation furnishing material or labor for any work covered by this Contract has any right to a lien upon the premises nor improvement thereon, except:

_

IN WITNESS WHEREOF, the signature of the undersigned Contractor has been hereunto set this

_____day of _____, 20___, at _____, Alaska.

Signature: _____

Printed Name: _____

I, _____, being first duly sworn, say that I am the agent for and executed the foregoing under authority of said company to do so; that I have read the same, know the contents thereof, and the matters set forth therein are as I truly believe.

Signature: _____

Subscribed and sworn to before me this ___day of _____, 20___, at _____, Alaska.

Notary Public in and for _____

My Commission Expires: _____.

ASD Form 103

CONSENT OF SURETY COMPANY TO FINAL PAYMENT

PROJECT: _____ PROJECT NUMBER: _____

CONTRACTOR: _____ CONTRACT DATE: _____

TO: Anchorage School District

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above:

_____(Surety Company)

on bond of

_____(Contractor)

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety Company of any of its obligations to Anchorage School District, Owner as set forth in said Surety Company's bond. Surety expressly agrees that any and all valid claims of sub-Contractors and all persons supplying labor or materials to the project will be satisfied by Contractor or Surety in a timely manner

IN WITNESS WHEREOF, the Surety Company has hereunto set its hand this

_____ day of _____, 20___.

_____
Name of Surety Company

Attest _____
Signature of Authorized Representative

_____
Title

ASD 104

CONSENT OF SURETY TO REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE
ANCHORAGE SCHOOL DISTRICT

PROJECT: **PROJECT NUMBER:**

TO: Anchorage School District **CONTRACT DATE:**

CONTRACTOR:

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the:

_____ (Surety Company)

on bond of

_____ (Contractor)

HEREBY APPROVES OF THE REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE to the Contractor as follows:

The surety agrees that such reduction in or partial release of retainage to the Contractor shall not relieve the Surety of any of its obligations to **ANCHORAGE SCHOOL DISTRICT, OWNER**

IN WITNESS WHEREOF, the Surety Company has hereunto set its hand this

day of .

_____
Name of Surety Company

Attest

_____
Signature of Authorized Representative

_____
Title

ASDF Form 105

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

PRODUCER	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.	
	INSURERS AFFORDING COVERAGE	**NAIC #**
INSURED	INSURER A:	
	INSURER B:	
	INSURER C:	
	INSURER D:	
	INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS	
		GENERAL LIABILITY				EACH OCCURRENCE	$
		COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence)	$
		CLAIMS MADE ☐ OCCUR ☐				MED EXP (Any one person)	$
						PERSONAL & ADV INJURY	$
						GENERAL AGGREGATE	$
		GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG	$
		POLICY ☐ PRO-JECT ☐ LOC ☐					
		AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	$
		ANY AUTO					
		ALL OWNED AUTOS				BODILY INJURY (Per person)	$
		SCHEDULED AUTOS					
		HIRED AUTOS				BODILY INJURY (Per accident)	$
		NON-OWNED AUTOS					
						PROPERTY DAMAGE (Per accident)	$
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
		ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS / UMBRELLA LIABILITY				EACH OCCURRENCE	$
		OCCUR ☐ CLAIMS MADE ☐				AGGREGATE	$
							$
		DEDUCTIBLE					$
		RETENTION $					$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y / N				WC STATU-TORY LIMITS / OTH-ER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐				E.L. EACH ACCIDENT	$
		(Mandatory in NH)				E.L. DISEASE - EA EMPLOYEE	$
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - POLICY LIMIT	$
		OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL _____ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
	AUTHORIZED REPRESENTATIVE

ACORD 25 (2009/01)

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SAMPLE

IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

This Certificate of Insurance does not constitute a contract between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

SAMPLE

ACORD 25 (2009/01)

Anchorage School District
Facilities Maintenance
1301 Labar Street
Anchorage, Alaska 99515
Phone: (907) 348-5215
Fax: (907) 348-5227

REQUEST FOR INFORMATION
No.

TITLE:

DATE:

PROJECT:

Project No.:

TO:

REQUEST:

ANSWER:

Answered By: _____
Printed Name

_____ _____
Signature Date

This is not an authorization to proceed with any work involving additional cost and / or time.
Notification must be given in accordance with Contract Documents if any clarification, variation or Architects/Engineers responses cause any change to the Contract Documents.

ANCHORAGE SCHOOL DISTRICT USE ONLY:
Reviewed By:

Is this Request for Information associated with an Request for Proposal?
Yes ____ No _____

Signed: _____ **Date:** _____ **Request for Proposal #**
Project Manager

PCO #XXX

Capital Planning & Construction
1301 Labar St
Anchorage, Alaska 99515
Phone: (907) 348-5284
Fax: (907) 348-5227

Project:

Prime Contract Potential Change Order #XXX: Name

TO:	**FROM:**
PCO NUMBER/REVISION:	**CONTRACT:**
REQUEST RECEIVED FROM:	**CREATED BY:**
STATUS:	**CREATED DATE:**
REFERENCE:	**PRIME CONTRACT CHANGE ORDER:**
FIELD CHANGE:	**CHANGE ORDER REQUEST:**
LOCATION:	**ACCOUNTING METHOD:**
SCHEDULE IMPACT:	**PAID IN FULL:**
CHANGE REASON:	**TOTAL AMOUNT:**

Within seven (7) days, submit an itemized proposal.

Provide labor, material, equipment, and supervision necessary to complete changes to project as represented by the documentation indicated below. The quoted price shall include all direct and indirect costs (additive and deductive) associated with and resulting from this work, per the General Conditions of the Contract. Provide lump sum proposal properly itemized and supported by sustaining data to permit evaluation. The quoted price shall be considered full compensation and include all delay, impact, and actual cost associated with the resulting changes from this extra work.

POTENTIAL CHANGE ORDER DESCRIPTION: *(The Contract Is Changed As Follows)*

ATTACHMENTS:

APPROVAL

By:		By:	
Project Manager	Date	Contractor	Date
By:		By:	
Construction Supervisor		Senior Director of CP&C	
Date:		Date:	
Required if amount exceeds $10,000		Required if amount exceeds $50,000	

Capital Planning & Construction page 1 of 1

CERTIFICATE OF COMPLIANCE

No final payment shall be made until the Contractor shall file with the Owner, prior to acceptance of the work, a notarized Certification of Compliance in the following form:

The Contractor does hereby certify that all work has been performed and materials supplied in accordance with the Drawings, Specifications and Contract Documents for the above work, and that:

No less than the prevailing rates of wages as ascertained by the governing body of the Contracting Agency has been paid to laborers, workmen and mechanics employed on this work;

There have been no unauthorized substitutions of Subcontractors; nor have any subcontracts been entered into without prior notice having been submitted to the Owner prior to the start of such subcontracted work;

No subcontract was assigned or transferred or performed by any Subcontractor other than the original Subcontractor, without prior notice having been submitted to the Owner together with the names of all Subcontractors;

All claims for material and labor and other paid service performed in connection with these specifications have been paid;

All monies due the State Industrial Accident Fund, the State Unemployment Compensation Trust Fund, the State Tax Commission, Hospital Associations and/or others have been paid.

In WITNESS WHEREOF, the undersigned has signed and sealed this instrument this

_____ day of _____, 20__.

_____
(Firm Name)

_____
(Signature)

_____
(Title)

(Attest)

(SEAL IF BIDDER IS A CORPORATION)

As determined necessary, evidence of compliance may be required to be submitted with and made a part of this Certificate of Compliance.

WARRANTY OF WORK

Prior to Final Payment, the Contractor shall furnish to the Owner a Warranty of Work in the following form:

The Contractor does hereby warrant all work and materials to be in full and complete accordance with the Contract Documents and Agreement between Owner and Contractor, and requirements appertaining thereto; that all work and materials are free from any and all defects and imperfections, and fully suitable for the use and purposes for which each and every part is intended. The Contractor also agrees that, should any defect develop or appear which the Project Manager or Owner's Representative finds was Not caused by improper use, the Contractor shall promptly, upon demand, fully correct, substitute and make good any such defective material without any cost to the Owner and will save the Owner harmless against any claim, demand, loss or damage by reason of any breach of this warranty.

The period of this warranty shall commence on the date of Substantial Completion.

The warranty shall continue to be in full force and effect for the period of one (1) year, except for those items for which a longer period of warranty is specifically stated in the Warranties for work in Technical Sections of the Specifications.

Warranties for work stated in Technical Section shall continue in full force and effect for the respective periods expressly stated.

In WITNESS WHERE, the undersigned has signed and sealed this instrument this

_____ day of _____, 20__.

_____
(Firm Name)

_____
(Signature)

_____
(Title)

(Attest)

(SEAL IF BIDDER IS A CORPORATION)

AHERA Exclusion Document

Contractor's Verification of Asbestos-Free Construction

Project: _____ **Project Number:** _____

Contractor: _____ **Date:** _____

To: Anchorage School District
Facilities Coordinator,
AHERA LEA Designated Person

To the best of our knowledge, no asbestos-containing building materials were installed in this project.

Attest: _____
Signature of Authorized Representative

_____
Title

PCCO #XXX

Capital Planning & Construction
1301 Labar St
Anchorage, Alaska 99515
Phone: (907) 348-5264
Fax: (907) 348-5227

Project:

Prime Contract Change Order #XXX:

TO:	**FROM:**
DATE CREATED:	**CREATED BY:**
CONTRACT STATUS:	**REVISION:**
DESIGNATED REVIEWER:	**REVIEWED BY:**
DUE DATE:	**REVIEW DATE:**
CONTRACTUAL COMPLETION DATE:	
SCHEDULE IMPACT:	**EXECUTED:**
CONTRACT FOR:	**TOTAL AMOUNT:**
DESCRIPTION:	
ATTACHMENTS:	

CHANGE ORDER REQUESTS IN THIS CHANGE ORDER:

COR #	Issue	Description	Cost
		TOTAL:	$ 0.00

CHANGE ORDER LINE ITEMS: reason

Original contract sum	$
Previously authorized change orders	$
Previous contract amount	$
Current change order amount	$
New contract sum	$
Percent of original contract sum	

Contractor **DATE**

Senior Director of Purchasing/Warehouse **DATE**

Capital Planning & Construction page 1 of 1

CONTRACTOR'S QUALITY CONTROL REPORT (CQC)	DATE	REPORT NO.
CONTRACT NO. AND NAME OF CONTRACTOR	DESCRIPTION AND LOCATION OF THE WORK:	

WEATHER CLASSIFICATION:		CLASSIFICATION:
CLASS A	No interruption of any kind from weather conditions occurring on this or previous shifts.	CLASS _____
CLASS B	Weather occurred during this shift that caused a complete stoppage of all work.	TEMPERATURE: MAX_____MIN_____
CLASS C	Weather occurred during this shift that caused a partial stoppage of work.	
CLASS D	Weather overhead excellent or suitable during shift. Work completely stopped due to results of previous adverse weather.	PRECIPITATION:
CLASS E	Weather overhead excellent or suitable during shift but work partially stopped due to previous adverse manner.	INCHES_____
OTHER	Explain.	

CONTRACTOR/SUBCONTRACTORS AND AREA OF RESPONSIBILITY FOR WORK PERFORMED TODAY: (Attach list of items of equipment either idle or working as appropriate.)

a._____

b._____

c._____

d._____

e._____

f._____

g._____

h._____

1. WORK PERFORMED TODAY: (Indicate location and description of work performed. Refer to work performed by prime and/or subcontractors by letter in Table above.)

2. TYPE AND RESULTS OF INSPECTION: (Indicate whether P-Preparatory, I-Initial, or F-Follow-up and include satisfactory work completed or deficiencies with action to be taken.)

3. TESTS REQUIRED BY PLANS AND/OR SPECIFICATIONS PERFORMED AND RESULTS OF TESTS:
4. QUALITY CONTROL REPORTS (items requiring special inspections):
5. VERBAL INSTRUCTIONS RECEIVED: (List any instructions given by Owner on construction deficiencies, retesting required, etc., with action to be taken.)
6. REMARKS: (Cover any conflicts in plans, specification or instructions: acceptability of incoming materials; offsite surveillance activities; progress of work, delays, causes and extent thereof; days of no work with reasons for same.)
CONTRACTOR'S CERTIFICATION: I certify that the above report is complete and correct and that all material and equipment used, work performed and tests conducted during this reporting period were in strict compliance with the contract plans and specifications except as noted above. _____ CONTRACTOR'S APPROVED AUTHORIZED REPRESENTATIVE

Department of Labor and Workforce Development
Labor Standards and Safety Division
Wage and Hour Administration
www.labor.state.ak.us/lss/lss.htm

NOTICE OF WORK

Filing Fee Required

- This form must be typed or printed in ink.
- Fill in all blanks or form will be returned for correction (see back).
- Please allow a minimum of 10 working days for processing.

ENTER YOUR FAX # _____
AND LIST YOUR MAILING ADDRESS BELOW

Contractor, company or agency name, address, city, state & ZIP + 4

Project name		
Specific site description		
Contract awarding agency		
Address		
City	State	ZIP + 4
Contract awarding agency contact person	Phone #	
Location and city where work is to be performed		
Date work to begin (m/d/y)	Do you intend to use subcontractors? ☐ Yes ☐ No	
Final Bid Date	Contract #	

Primary contractor (has contract with the public agency)		
List all contractors & subcontractors (Attach extra sheet if necessary)	Type of work	Amount of subcontract

CERTIFICATION: I hereby certify that the above information is correct. Enclosed is the filing fee computed at 1% of the total amount of all my subcontractors on this project. This amount includes the contract value for the primary contractor. I understand that the maximum fee I am required to pay is $5,000. I further certify that all contractors shall be made aware of the requirements of AS 36.05.010 - .110 and AS 36.10.007 - .990 before working.

Total value of subcontracts	$
+ Value of work performed by primary contractor	$
Amount subject to fee	$
	Multiply by .01
Total fee enclosed =	$
ROUND FEES TO NEAREST DOLLAR	

Signature Date

Title

Fax # Phone #

For Dept. Use Only

Accepted:

By_____
Department of Labor and Workforce Development

For Dept. Use Only

Amount: _____ Check Number: _____ Cash ___
Received By: _____ Date: _____
Credit Card Confirmation_____
Visa ___ MC___
Project Name_____
DOLWD Project # _____

Wage & Hour date-stamped copy of this form will serve as temporary receipt.

How to expedite the processing of your form:

Acceptance of this notice will be based on the information provided by the primary contractor.

ERRORS THAT CAUSE REJECTION

No fee included or incorrect amount. If total contract amount is less than $25,000 no filing fee is required. Contract amounts paid to owner/operators with no employees are exempt from the fee. **The maximum total filing fee for any one project is $5,000.00.**

Missing – Enter the "time and materials" if applicable. The exact dollar amount will be required on the Notice of Completion to be filed when the project is done.

Missing – The name of each subcontractor and the amount or estimated amount of the subcontract is required. Enter the "time and materials" if applicable. The exact dollar amount will be required on the Notice of Completion to be filed when the project is done.

Missing – Notice of Work must be signed by an authorized representative.

FILING INSTRUCTIONS

If there is not enough space to list all contractor/subcontractor information, attach additional sheets.

A Wage and Hour Administration (WH) date-stamped copy of this form will serve as a temporary receipt, while the acceptance of fees is processed. WH will mail or fax the accepted copy of this notice to the organization provided on the front of this form. Make a copy for your records. This will serve as your notice that the fees paid have been accepted by WH.

For questions call the nearest WH office:
Juneau: (907) 465-4842 Anchorage: (907) 269-4900 Fairbanks: (907) 451-2886

For more forms, see www.labor.state.ak.us/lss/lssforms.htm

Submit the notice and the appropriate filing fee to:

Alaska Department of Labor and Workforce Development
Wage and Hour Administration
P.O. Box 107021
Anchorage, AK 99510-0721

If no fee is required, you may fax the notice to (907) 269-4915

Alaska Department of Revenue
TAX CLEARANCE REQUEST FORM

Applicant's Name: _____

EIN&SSN: _____

Mailing Address: _____

City/State/Zip Code: _____

I hereby authorize the Alaska Department of Revenue to release to

_____
(Name of Department or Agency)

Departments Statute on tax clearance: _____

whose facsimile number or email address is _____,

confirmation that all taxes, penalties and interest due the Department of Revenue have been paid and that there are no outstanding amounts due.

Signed: _____

Printed Name: _____

Title*: _____

*If tax clearance is being requested on behalf of a corporation/LLC/partnership, must be signed by an officer/member/partner.

Send completed form by email to the Department of Revenue at DOR.tax.accounting@alaska.gov

DEPARTMENT USE ONLY

☐ *The above applicant is current on all taxes, penalties and interest due and is in good standing with the Alaska Department of Revenue.*

☐ *The above applicant is not current on all taxes, penalties and interest due and is not in good standing with the Alaska Department of Revenue.*

Department of Revenue Representative _____ *Date*

TaxClearanceRequestForm (Rev 2/21)

THE STATE of ALASKA
GOVERNOR MICHAEL J. DUNLEAVY

Department of Labor and Workforce Development

Division of Employment and Training Services
Employment Security Tax

P.O. Box 115509
Juneau, AK 99811-5509
Relay Alaska (in state): (800) 770-8973 or 7.1.1
Relay Alaska (out of state): (800) 770-8255
Toll free: (888) 448-2937
Phone: (907) 465-2787
Fax: (907) 465-2374

Tax Clearance Request Form for Contractors

Date of request: _____

Business name of the contractor a Tax Clearance is being requested for: _____

_____

Business address: _____

Business contact phone number: _____

Federal Identification Number: _____

Alaska Employer Account Number: _____

Specific time period a tax clearance is being requested for *(i.e. beginning and ending date of a subcontract agreement)*:

_____

Subcontract project name: _____

_____

Name and address of the person this Tax Clearance is to be returned to: _____

_____

Comments or additional information: _____

_____

For agency use only:

☐ Tax Clearance is granted

☐ Tax Clearance is not granted *(please have employer contact the department)*

☐ No account on file, liability unknown *(please have employer contact the department)*

☐ Employer has stated no employees, Tax Clearance not required.

Agency representative signature: _____ Date: _____

Agency representative title: _____

We are an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. labor.alaska.gov/estax

Rev. 8/2018

Submittal Control Form

Project Title:

Project No:
Contract No:

Contractor:
Address: _____
_____
Contact: _____
Telephone:
Fax: _____

Submittal No.

____ **New Submittal**
____ **Resubmittal**

Submittal is as Specified? **Yes** **No**

2. **Revision Number:** _____
3. **Submittal Control No.:**
4. **Description:** _____
_____
_____
5. **Spec. Section/Dwg Ref.:**

Number of Copies:

Remarks:

Review is for general design or arrangement only. Not for quality, dimension or fit.

Review Stamp

_____
Submitted By

_____
Date

Forwarded for Design Review: _____
Date

_____
ASD Reviewed / Forwarded By

STATE of ALASKA SEX OFFENDER/CHILD KIDNAPPER REGISTRY
CONTRACTOR CERTIFICATION

Pursuant to Article 1, Subparagraph 1.02, of the Instructions to Bidders, Specification Section 00100, I _____ the undersigned Principal for _____ on Solicitation No. _____, certify:

1. that I, either personally or through a person designated by me, have researched the State of Alaska Sex Offender/Child Kidnapper Registry to confirm that no employee or agent who may enter Anchorage School District property in connection with the contract is listed in the Registry.

2. that I have required all subcontractors and any of their sub-subcontractors to certify, or will require all subcontractors and any of their sub-subcontractors to certify, that they researched the State of Alaska Sex Offender/Child Kidnapper Registry to confirm that no employee or agent who may enter district property in connection with the contract is listed in the Registry. I will provide all such certifications to the district on request.

3. To my knowledge, no employee or agent of bidder, or any sub-contractor or sub-sub-contractor of bidder, who may enter district property in connection with the contract is: (a) listed in the sex offender/child kidnapper registry of any other state; or, (b) is a convicted sex offender or child kidnapper.

4. I have read district Board Policy 3515.5 and certify that the bidder will comply with Board Policy 3515.5. The bidder will not send any employee or agent who is a sex offender or child kidnapper to district property, as that term is defined in Board Policy 3515.5.

By: _____ _____
Signature Printed Name

Title: _____

Dated: _____

Revised April 4, 2018

STATE of ALASKA SEX OFFENDER/CHILD KIDNAPPER REGISTRY
SUBCONTRACTOR CERTIFICATION

Pursuant to Article 1, Subparagraph 1.02, of the Instructions to Bidders, Specification Section 00100, I _____ the undersigned Principal for _____ on Solicitation No. _____, certify:

1. that I, either personally or through a person designated by me, have researched the State of Alaska Sex Offender/Child Kidnapper Registry to confirm that no employee or agent who may enter Anchorage School District property in connection with the contract is listed in the Registry.

2. that I have required all subcontractors and any of their sub-subcontractors to certify, or will require all subcontractors and any of their sub-subcontractors to certify, that they researched the State of Alaska Sex Offender/Child Kidnapper Registry to confirm that no employee or agent who may enter district property in connection with the contract is listed in the Registry. I will provide all such certifications to the district on request.

3. that if my company enters into an agreement to perform work as a Subcontractor for _____ the General Contractor for the district under Solicitation No. _____, my company will not allow any worker whose name appears on the State of Alaska Sex Offender/Child Kidnapper Registry to perform work on or at the Project site.

By: _____ _____
Signature Printed Name

Title: _____

Dated: _____

Revised April 21, 2015

STATE of ALASKA SEX OFFENDER/CHILD KIDNAPPER REGISTRY
SUB-SUBCONTRACTOR CERTIFICATION

Pursuant to Article 1, Subparagraph 1.02, of the Instructions to Bidders, Specification Section 00100, I _____ the undersigned Principal for _____ on Solicitation No. _____, certify:

1. that I, either personally or through a person designated by me, have researched the State of Alaska Sex Offender/Child Kidnapper Registry to confirm that no employee or agent who may enter Anchorage School District property in connection with the contract is listed in the Registry.

2. that if my company enters into an agreement to perform work as a Sub-subcontractor for _____ a Subcontractor for the General Contractor for the district under Solicitation No. _____, my company will not allow any worker whose name appears on the State of Alaska Sex Offender/Child Kidnapper Registry to perform work on or at the Project site.

By: _____ _____
Signature Printed Name

Title: _____

Dated: _____

Revised April 21, 2015

ANCHORAGE SCHOOL DISTRICT'S
LIST OF
ALASKAN FEDERALLY REGISTERED APPRENTICESHIP PROGRAMS

Program Number	Program Name	Program Status	Address	Occupation Title
AK0009003	*ABC of Alaska, Inc.*	*Registered*	*301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518*	*CARPENTER*
AK0003002	ALASKA ACOUSTICAL	Registered	902 Warren Street KETCHIKAN AK 99901	CARPENTER
AK0005300I	*Alaska Carpenters Training Trust*	*Registered*	*8751 King Street Anchorage AK 99515*	*CARPENTER*
AK0010818B	Collins Construction, Incorporated	Suspended	1151 W. Nugget Avenue Wasilla AK 99654	CARPENTER
AK0012589T	Finished Works, LLC	Registered	P.O. Box 521791 Big Lake AK 99652	CARPENTER
AK0012781T	H Construction, LLC	Registered	15581 Teeling Circle Palmer AK 99645	CARPENTER
AK0010700I0	ICE SERVICES, INCORPORATED	Registered	2606 C STREET, SUITE 2B ANCHORAGE AK 99503	CARPENTER
AK0008812O	Woodwright Construction, Inc.	Registered	P.O. Box 6235 Ketchikan AK 99901	CARPENTER
AK0009300G	YUKON-KUSKOKWIM DELTA APPRENTICESHIP PROGRAM	Registered	P.O. BOX 869 BETHEL AK 99559	CARPENTER
AK0005300I	*Alaska Carpenters Training Trust*	*Registered*	*8751 King Street Anchorage AK 99515*	*CARPENTER, INTERIOR SYSTEMS (Alternate Title: Interior Systems Carpenter)*
AK0005300I	*Alaska Carpenters Training Trust*	*Registered*	*8751 King Street Anchorage AK 99515*	*CARPENTER, PILEDRIVER*
AK0007800T	*Alaska Trowel Trades JATC*	*Registered*	*825 East 8th Avenue, Suite 10 Anchorage AK 99501*	*CEMENT MASON*
2019-AK-73685	Rady Concrete Construction, LLC	Registered	P.O. Box 82061 Fairbanks AK 99708	CEMENT MASON
AK0009900G	*ABC of Alaska, Inc.*	*Registered*	*301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518*	*CONSTRUCTION CRAFT LABORER*
AK0019400G	*Alaska Laborers JATC*	*Registered*	*17805 OLD GLENN HWY CHUGIAK AK 99567*	*CONSTRUCTION CRAFT LABORER*
2017-AK-497	Rock-n-Road Construction, Inc.	Registered	P.O. Box 1388 Petersburg AK 99833	CONSTRUCTION CRAFT LABORER
AK0014768I	Wolverine Supply, Inc.	Registered	5099 E. Blue Lupine Drive Wasilla AK 99654	CONSTRUCTION CRAFT LABORER
AK0013594I	Yukon River Towing, LLC	Registered	P.O. Box 128 Emmonak AK 99581	CONSTRUCTION CRAFT LABORER
AK0000900T	*ALASKA TEAMSTER-EMPLOYER SERVICE TRAINING TRUST*	*Registered*	*520 East 34th Avenue, Suite 201 ANCHORAGE AK 99503*	*CONSTRUCTION DRIVER*
2017-AK-497	Rock-n-Road Construction, Inc.	Registered	P.O. Box 1388 Petersburg AK 99833	CONSTRUCTION DRIVER
2017-AK-550	After Hours Truck & Fleet	Registered	998 Deere Street Fairbanks AK 99709	DIESEL MECHANIC
AK0010351A	Holland America Princess Alaska - Yukon	Registered	459 Ocean Dock Road Anchorage AK 99501	DIESEL MECHANIC
2017-AK-69477	Peak Oilfield Service Company - Bristol Bay Industrial	Registered	5015 Business Park Blvd., Suite 4000 Anchorage AK 99503	DIESEL MECHANIC
AK0010266I	RL Trucking, LLC.	Registered	1221 East 71st Avenue Anchorage AK 99518	DIESEL MECHANIC
2017-AK-469	907 Electric	Registered	11134 June Agnes Circle Eagle River AK 99577	ELECTRICIAN
AK0009590G	*ABC of Alaska, Inc.*	*Registered*	*301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518*	*ELECTRICIAN*
AK0010805B	AC Electric, LLC	Registered	P.O. Box 1761 Seward AK 99664	ELECTRICIAN
AK0011457J4	Acess Electric & General Trades, LLC	Registered	P.O. Box 670856 Chugiak AK 99567	ELECTRICIAN
AK0011671O1	Agape Electric	Registered	P.O. Box 7601 Nikiski AK 99635	ELECTRICIAN
AK0007800T	*ALASKA JOINT ELECTRICAL APPRENTICESHIP & TRAINING TRUST*	*Registered*	*5800 B STANCHORAGE AK 99518*	*ELECTRICIAN*
AK0011354J	Alaska Native Tribal Health Consortium, Division of Environmental Health & Engineerir	Registered	4500 Diplomacy Drive, Suite 454 Anchorage AK 99508	ELECTRICIAN
AK0011027T6	Alaska's Wiremen	Registered	39535 Fox Trail Road Soldotna AK 99669	ELECTRICIAN
AK0011459J0	Ala-Wa, Inc.	Registered	P.O. Box 385 Unalaska AK 99685	ELECTRICIAN
AK0011253J3	Alpine Electric	Registered	13901 East Mayen Ruelle Court Palmer AK 99645	ELECTRICIAN
AK0000802J8	Amped Electric, Inc.	Registered	3400 International Street Fairbanks AK 99701	ELECTRICIAN
AK0010400J3	ANCHOR ELECTRIC	Registered	5362 COMMERCIAL DRIVE JUNEAU AK 99801	ELECTRICIAN
AK0011576J3	Anderson Brothers Electric, LLC	Registered	16300 Ocean View Drive Juneau AK 99801	ELECTRICIAN
2019-AK-72630	Arctic Fox Electric, LLC	Registered	3351 Eastwind Court Anchorage AK 99516	ELECTRICIAN
AK0010600J3	AUKE BAY ELECTRIC	Registered	P.O. BOX 210194 AUKE BAY AK 99821	ELECTRICIAN
AK0010400J5	BEAR ELECTRIC, INCORPORATED	Registered	2008 Perkins Drive FAIRBANKS AK 99709	ELECTRICIAN
2018-AK-71428	Bering Straits Development Company	Registered	P.O. Box 1008 Nome AK 99762	ELECTRICIAN
AK0011459J5	Bootleg Electric, LLC	Registered	P.O. Box 871301 Wasilla AK 99687	ELECTRICIAN
AK0011084O1	Bridewell, Incorporated	Registered	13425 Avion Street ANCHORAGE AK 99516	ELECTRICIAN
AK0000802J3	Buness Electric, LLC	Registered	P.O. Box 66 Wrangell AK 99929	ELECTRICIAN
AK0011357J7	Cache Maintenance	Registered	1295 Aloha Street North Pole AK 99705	ELECTRICIAN
AK0011457J32	Capstone Electric, LLC	Registered	22356 Whispering Birch Drive Chugiak AK 99567	ELECTRICIAN
AK0010500J9	CHANNEL ELECTRIC, INC.	Registered	1155 COPPER RIDGE LANE KETCHIKAN AK 99901	ELECTRICIAN
AK0000600J8	CITY & BOROUGH OF SITKA, ENVIRONMENTAL DEPT.	Registered	100 LINCOLN STREET SITKA AK 99835	ELECTRICIAN
AK0011680J1	CNS, Inc.	Registered	1285 Overhill Drive Fairbanks AK 99709	ELECTRICIAN
AK0001025J62	DRS Electric, LLC	Registered	18207 Stillwater Drive Eagle River AK 99577	ELECTRICIAN
AK0021792J0	Eberline Building and Supply	Registered	35775 Walker Street North Soldotna AK 99669	ELECTRICIAN
AK0001680J6	Encore Electric, LLC	Registered	5640 B Street Anchorage AK 99518	ELECTRICIAN
AK0011467J86	Evans Electric	Registered	P.O. Box 1343 Kotzebue AK 99752	ELECTRICIAN
AK0001035J7	Facility Contractors, LLC	Registered	P.O. Box 2034 Cordova AK 99574	ELECTRICIAN
AK0001580J4	Frontier Electrical Services, LLC	Registered	P.O. Box 3030 Valdez AK 99686	ELECTRICIAN
AK0011039J8	Fuchs Electric, Incorporated	Registered	9400 Vanguard Drive, Suite A Anchorage AK 99507	ELECTRICIAN
AK0001580J0	G2 Construction, Inc.	Registered	P.O. Box 10690 Fairbanks AK 99701	ELECTRICIAN
AK0011140J3	Glacier Electric	Registered	P.O. Box 112002 Anchorage AK 99511	ELECTRICIAN
AK0011576J6	GRS Controls	Registered	P.O. Box 56469 North Pole AK 99705	ELECTRICIAN
2017-AK-748	Hanson Construction, Incorporated	Registered	38050 Nenana Avenue Sterling AK 99672	ELECTRICIAN
AK0009915J7	Heda Greens Creek Mining Company	Registered	P.O. Box 32199 Juneau AK 99801	ELECTRICIAN
2017-AK-68530	Hometown Connection, Inc.	Registered	P.O. Box 439 Skagway AK 99840	ELECTRICIAN
2019-AK-73036	Huffer Electric, Inc.	Registered	P.O. Box 2229 Soldotna AK 99669	ELECTRICIAN
AK0010700I0	ICE SERVICES, INCORPORATED	Registered	2606 C STREET, SUITE 2B ANCHORAGE AK 99503	ELECTRICIAN
AK0010919J7	Icicle Seafoods, Incorporated	Registered	4111 N. Nordic Drive Petersburg AK 99833	ELECTRICIAN
AK0000600J9	INLET ELECTRICAL CONTRACTORS, LLC	Registered	P.O. BOX 202109 ANCHORAGE AK 99520	ELECTRICIAN
AK0001580J1	Integrated Communication Designs, Inc.	Registered	P.O. Box 111551 Anchorage AK 99511	ELECTRICIAN
AK0001258J9	Integrity Electric, Inc.	Registered	35955 Ryan Lane Soldotna AK 99669	ELECTRICIAN

ANCHORAGE SCHOOL DISTRICT'S
LIST OF
ALASKAN FEDERALLY REGISTERED APPRENTICESHIP PROGRAMS

Program Number	Program Name	Program Status	Address	Occupation Title
AK0001103402	Intelligent Design, LLC	Registered	11741 Timberlane Drive Anchorage AK 99515	ELECTRICIAN
AK0001070022	JH ELECTRIC, INCORPORATED	Registered	P.O. BOX 3123 SOLDOTNA AK 99669	ELECTRICIAN
AK0001060015	Kaktovik Holdings	Registered	2000 E. 88TH AVENUE ANCHORAGE AK 99507	ELECTRICIAN
AK0001135729	KO Electric, LLC	Registered	P.O. Box 3556 Homer AK 99603	ELECTRICIAN
AK0001125337	Laker Electric, Incorporated	Registered	11901 Industry Way Anchorage AK 99511	ELECTRICIAN
AK0001157998	Livewire Electric, LLC	Registered	1534 Toyon Way A Kenai AK 99611	ELECTRICIAN
AK0001135718	Maddox Electric	Registered	P.O. Box 2226 Seward AK 99664	ELECTRICIAN
2018-AK-70830	Mainline Electric	Suspended	P.O. Box 212602 Anchorage AK 99521	ELECTRICIAN
2019-AK-73263	Marathon Electric, LLC	Registered	P.O. Box 927 Seward AK 99664	ELECTRICIAN
AK0001147461	Mark IV Enterprises	Registered	951 E. Creekside Drive, #9 Wasilla AK 99654	ELECTRICIAN
AK0000770010	MAT-SU MECHANICAL, INC.	Registered	1265 EAST LOLLY CIRCLE WASILLA AK 99654	ELECTRICIAN
2019-AK-73045	Mattingly Electric, LLC	Registered	P.O. Box 783 Petersburg AK 99833	ELECTRICIAN
AK0000990007	MIDNIGHT SUN ELECTRIC	Registered	267 West Rodwell Avenue SOLDOTNA AK 99669	ELECTRICIAN
AK0001060018	MIRANDA ELECTRIC, INCORPORATED	Registered	P.O. Box 56031 North Pole AK 99705	ELECTRICIAN
AK0001145924	Morse Construction	Registered	7362 West Parks Highway, #189 Wasilla AK 99623	ELECTRICIAN
2017-AK-69670	***New Hope Apprenticeship Training***	***Registered***	***2471 West Tegline Drive Wasilla AK 99654***	***ELECTRICIAN***
AK0001125637	Nordic Electric, LLC	Registered	805 S. Nordic Drive Petersburg AK 99833	ELECTRICIAN
AK0001050016	North Wire, LLC	Registered	1120 E. Huffman Road, Suite 24, Box 695 Anchorage AK 99515	ELECTRICIAN
2017-AK-69477	Peak Oilfield Service Company - Bristol Bay Industrial	Registered	5015 Business Park Blvd., Suite 4000 Anchorage AK 99503	ELECTRICIAN
AK0000860232	PITCHER ELECTRIC, INC.	Registered	P.O. BOX 877871 WASILLA AK 99687	ELECTRICIAN
AK0001125710	Power & Light, Incorporated	Registered	7721 Schoon Street, Suite 1 Anchorage AK 99518	ELECTRICIAN
AK0001125704	Premier Electric	Registered	P.O. Box 874362 Wasilla AK 99687	ELECTRICIAN
AK0001113407	Prism Design & Construction	Registered	P.O. Box 870162 Wasilla AK 99654	ELECTRICIAN
AK0001113539	Puffin Electric, Inc.	Registered	3808 Ben Walters Lane Homer AK 99603	ELECTRICIAN
AK0000880232	Ray Electric, Inc.	Registered	P.O. Box 55007 North Pole AK 99705	ELECTRICIAN
2018-AK-70871	Renewable Energy Systems	Registered	1698 Airport Way Fairbanks AK 99701	ELECTRICIAN
AK0001040007	RISING SON ELECTRIC SERVICES, LLC	Registered	36784 Eklutna Lake Road Chugiak AK 99567	ELECTRICIAN
AK0001113405	Safe-T-Way Electric, Incorporated	Registered	6208 Mackay Street Anchorage AK 99518	ELECTRICIAN
2019-AK-72765	Salmon River Electric	Registered	P.O. Box 118 Gustavus AK 99826	ELECTRICIAN
AK0000950009	SITKA ELECTRIC COMPANY	Registered	1314 SAWMILL CREEK ROAD SITKA AK 99835	ELECTRICIAN
AK0001108397	Sourdough Specialty Contractors	Registered	145 Shady Lane, #4 Soldotna AK 99669	ELECTRICIAN
AK0001157697	Spectrum Services	Registered	35867 Driftwater Street Kenai AK 99611	ELECTRICIAN
2017-AK-69038	Stevens Electric	Registered	9630 Muskeball Circle Anchorage AK 99507	ELECTRICIAN
2018-AK-70651	Steve's Electrical	Registered	2741 Engineers Cutoff Road Juneau AK 99801	ELECTRICIAN
AK0001070008	SUMNER ELECTRICAL ENTERPRISE, LLC	Registered	6801 Hollywood Road Wasilla AK 99654	ELECTRICIAN
AK0001168009	TDX Power Services, LLC	Registered	815 East 82nd Avenue, Suite 200 Anchorage AK 99518	ELECTRICIAN
AK0001010001	TEC PRO, LTD.	Registered	816 Whitney Road ANCHORAGE AK 99501	ELECTRICIAN
AK0000880228	Tesla Electric, LLC.	Registered	1760 Abbott Road Anchorage AK 99507	ELECTRICIAN
AK0001030508	The Electrician, LLC	Registered	607 Old Steese Highway, Suite B, PMB 402 Fairbanks AK 99701	ELECTRICIAN
AK0001145917	Thomas and Sons Electric	Registered	P.O. Box 955 Craig AK 99921	ELECTRICIAN
AK0001113408	Trident Seafoods Corporation	Registered	P.O. Box 220427 Anchorage AK 99522	ELECTRICIAN
AK0001147888	Trinity Electric, LLC	Registered	801 E. 82nd Avenue, B-14 Anchorage AK 99518	ELECTRICIAN
AK0001080192	Zone Electric	Registered	329 Driveway Street, Suite 2 Fairbanks AK 99701	ELECTRICIAN
AK0000930003	***ABC of Alaska, Inc.***	***Registered***	***301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518***	***ELECTRONIC SYSTEMS TECHNICIAN***
AK0001010001	TEC PRO, LTD.	Registered	816 Whitney Road ANCHORAGE AK 99501	ELECTRONIC SYSTEMS TECHNICIAN
AK0000330004	***INTERNATIONAL UNION OF ELEVATOR CONSTRUCTORS LOCAL 19 JAC***	***Registered***	***2264 15th Avenue West SEATTLE WA 98119***	***ELEVATOR CONSTRUCTOR MECHANIC***
AK0001030005	GRAND PROSPECT CORPORATION	Suspended	P.O. BOX 520858 BIG LAKE AK 99652	FLOOR LAYER
AK0000490001	***International Union of Painters and Allied Trades Local 1959 JATC***	***Registered***	***5821 Arctic Boulevard, Unit B ANCHORAGE AK 99518***	***FLOOR LAYER***
AK0001145918	The Great Alaskan Flooring, Inc.	Registered	2017 Mill Bay Road Kodiak AK 99615	FLOOR LAYER
AK0000950003	***ABC of Alaska, Inc.***	***Registered***	***301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518***	***GLAZIER***
AK0000490001	***International Union of Painters and Allied Trades Local 1959 JATC***	***Registered***	***5821 Arctic Boulevard, Unit B ANCHORAGE AK 99518***	***GLAZIER***
AK0000992469	Vanney Electric	Registered	5007 W. Reliance Rd. Wasilla AK 99623	ELECTRICIAN
AK0000950017	WESTERN POWER ENGINEERING	Registered	P.O. BOX 920557 DUTCH HARBOR AK 99692	ELECTRICIAN
AK0001060009	WESTWARD SEAFOODS, INCORPORATED	Registered	P.O. BOX 920608 DUTCH HARBOR AK 99692	ELECTRICIAN
AK0001125765	Will Curtis	Registered	1465 Richardson Hwy Valdez AK 99686	ELECTRICIAN
AK0001050002	WOODWORTH ELECTRIC	Registered	1200 Quests Circle HOMER AK 99603	ELECTRICIAN
AK0000330009	YUKON-KUSKOKWIM DELTA APPRENTICESHIP PROGRAM	Registered	P.O. BOX 869 BETHEL AK 99559	ELECTRICIAN
AK0001080192	Zone Electric	Registered	329 Driveway Street, Suite 2 Fairbanks AK 99701	ELECTRICIAN
AK0000930003	***ABC of Alaska, Inc.***	***Registered***	***301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518***	***HEATING & AIR-CONDITIONER INSTALL/SERVICER***
AK0001010001	TEC PRO, LTD.	Registered	816 Whitney Road ANCHORAGE AK 99501	HEATING & AIR-CONDITIONER INSTALL/SERVICER
AK0000950003	***ABC of Alaska, Inc.***	***Registered***	***301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518***	***HEATING & AIR-CONDITIONER INSTALL/SERVICER***
AK0000500001	***ALASKA SC/SE SHEET METAL WORKERS JATC***	***Registered***	***1307 E. 75TH AVENUE, #4 ANCHORAGE AK 99518***	***HEATING & AIR-CONDITIONER INSTALL/SERVICER***
AK0000490002	***ANCHORAGE ALASKA AREA PIPE TRADES LOCAL #367 JATC***	***Registered***	***617 WEST POTTER DRIVE ANCHORAGE AK 99518***	***HEATING & AIR-CONDITIONER INSTALL/SERVICER***
AK0000730004	***ALASKA OPERATING ENGINEERS/EMPLOYERS TRAINING TRUST***	***Registered***	***P.O. BOX 0980 PALMER AK 99645***	***HEAVY DUTY MECHANIC (Alternate Title: Heavy Construction Equipment Mechanic)***
AK0001150012	TECK ALASKA, INC.	Registered	3105 LAKESHORE DR., BUILDING A, STE 301 ANCHORAGE AK 99	HEAVY EQUIPMENT MECHANIC
AK0000950003	***ABC of Alaska, Inc.***	***Registered***	***301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518***	***INSULATION WORKER***
AK0000710003	***AK HEAT & FROST INSULATORS & ALLIED WORKERS JATC***	***Registered***	***P.O. Box 230212 Anchorage AK 99520***	***INSULATION WORKER***
AK0000310003	Alaska Industrial Insulation & Fireproofing, Incor	Registered	2505 Barrow Street ANCHORAGE AK 99503	INSULATION WORKER
AK0000550001	***Alaska Carpenters Training Trust***	***Registered***	***8751 King Street Anchorage AK 99515***	***LATHER (Alternate Title: Lathing Specialist)***
AK0000950003	***ABC of Alaska, Inc.***	***Registered***	***301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518***	***LINE ERECTOR (POWER-LINE DISTRIBUTION ERECTOR)***

ANCHORAGE SCHOOL DISTRICT'S
LIST OF
ALASKAN FEDERALLY REGISTERED APPRENTICESHIP PROGRAMS

Program Number	Program Name	Program Status	Address	Occupation Title
AK00078001S	ALASKA JOINT ELECTRICAL APPRENTICESHIP & TRAINING TRUST	Registered	5800 B ST ANCHORAGE AK 99518	LINE MAINTAINER (Alternate Title: Line Worker)
AK00073004	ALASKA OPERATING ENGINEERS/EMPLOYERS TRAINING TRUST	Registered	P.O. BOX 0988 PALMER AK 99645	LINE MAINTAINER (Alternate Title: Line Worker)
AK00108098O	Alaska Power & Telephone	Registered	P.O Box 34195 Juneau AK 99803	LINE MAINTAINER (Alternate Title: Line Worker)
AK00004000Z	Alaska Village Electric Cooperative, Inc.	Registered	4831 Eagle Street Anchorage AK 99503	LINE MAINTAINER (Alternate Title: Line Worker)
AK00087000R	CITY & BOROUGH OF SITKA - ELECTRICAL DEPARTMENT	Registered	105 JARVIS STREET SITKA AK 99835	LINE MAINTAINER (Alternate Title: Line Worker)
AK00013590S	City of Unalaska	Registered	P.O. Box 610 Unalaska AK 99685	LINE MAINTAINER (Alternate Title: Line Worker)
AK00106000S	CITY OF WRANGELL-WRANGELL LIGHT & POWER	Registered	1064 Case Avenue WRANGELL AK 99929	LINE MAINTAINER (Alternate Title: Line Worker)
AK00107001O	ICE SERVICES, INCORPORATED	Registered	2606 C STREET, SUITE 2B ANCHORAGE AK 99503	LINE MAINTAINER (Alternate Title: Line Worker)
AK00108097R	North Slope Borough Power & Light	Registered	P.O. Box 350 Barrow AK 99723	LINE MAINTAINER (Alternate Title: Line Worker)
AK00114746Z	Nushagak Electric & Telephone Cooperative, Inc.	Registered	P.O. Box 350 Dillingham AK 99576	LINE MAINTAINER (Alternate Title: Line Worker)
AK00073004	ALASKA OPERATING ENGINEERS/EMPLOYERS TRAINING TRUST	Registered	P.O. BOX 0988 PALMER AK 99645	LUBRICATION SERVICER,MATERIAL DISPOSAL TECHNICIAN
AK00078001S	ALASKA JOINT ELECTRICAL APPRENTICESHIP & TRAINING TRUST	Registered	5800 B ST ANCHORAGE AK 99518	MAINTENANCE MECHANIC, TELEPHONE
AK00000000G	ALASKA WORKS PARTNERSHIP, INC.	Registered	1413 HYDER ST ANCHORAGE AK 99501	MAINTENANCE REPAIRER, BUILDING
AK00012589J	Goose Creek Correctional Center	Registered	P.O. Box 877790 Wasilla AK 99687	MAINTENANCE REPAIRER, BUILDING
AK00012589J	Hiland Mountain Correctional Center	Registered	9101 Hesterberg Road Eagle River AK 99577	MAINTENANCE REPAIRER, BUILDING
AK00190000G	SPRING CREEK CORRECTIONAL CENTER	Registered	P.O. BOX 2106 SEWARD AK 99664	MAINTENANCE REPAIRER, BUILDING
AK00190001O	Willwood Correctional Center	Registered	BLDG 10, CHUGACH AVENUE KENAI AK 99611	MAINTENANCE REPAIRER, BUILDING
AK00191000J	TECK ALASKA, INC.	Registered	3105 LAKESHORE DR., BUILDING A, STE 101 ANCHORAGE AK 99	MECHANIC, INDUSTRIAL TRUCK
AK00085000J	Alaska Carpenters Training Trust	Registered	8751 King Street Anchorage AK 99515	MILLWRIGHT
AK00191000J	TECK ALASKA, INC.	Registered	3105 LAKESHORE DR., BUILDING A, STE 101 ANCHORAGE AK 99	MILLWRIGHT
AK00093000J	ABC of Alaska, Inc.	Registered	301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518	OPERATING ENGINEER
AK00073004	ALASKA OPERATING ENGINEERS/EMPLOYERS TRAINING TRUST	Registered	P.O. BOX 0988 PALMER AK 99645	OPERATING ENGINEER
AK00013470J	Wolverine Supply, Inc.	Registered	5099 E. Blue Lupine Drive Wasilla AK 99654	OPERATING ENGINEER
AK00093000J	ABC of Alaska, Inc.	Registered	301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518	PAINTER (Construction)
AK00093000J	International Union of Painters and Allied Trades Local 1959 JATC	Registered	5821 Arctic Boulevard, Unit B ANCHORAGE AK 99518	PAINTER (Construction)
AK00093000J	ABC of Alaska, Inc.	Registered	301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518	PIPE FITTER (Construction)
AK00043000Z	ANCHORAGE ALASKA AREA PIPE TRADES LOCAL #367 JATC	Registered	617 WEST POTTER DRIVE ANCHORAGE AK 99518	PIPE FITTER (Construction)
AK00151000Z	Fairbanks Area Plumbers & Pipefitters JATC	Registered	1978 BURGESS AVENUE FAIRBANKS AK 99709	PIPE FITTER (Construction)
AK00066000J	JUNEAU PLUMBERS JATC	Registered	1751 ANKA STREET JUNEAU AK 99801	PIPE FITTER (Construction)
AK00078001T	Alaska Trowel Trades JATC	Registered	825 East 8th Avenue, Suite 10 Anchorage AK 99501	PLASTERER
AK00109277O	907 Heating and Plumbing	Registered	P.O. Box 220032 Anchorage AK 99522	PLUMBER
AK00093000J	ABC of Alaska, Inc.	Registered	301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518	PLUMBER
AK00012524G	Ace Heating, Inc.	Registered	2780 N. Heatherway Circle Wasilla AK 99654	PLUMBER
AK00010590T	Al Fish Plumbing, LLC	Registered	11805 Gregory Road Anchorage AK 99516	PLUMBER
AK00012589G	Alaska Clearwater Mechanical, LLC	Registered	P.O. Box 709 Willow AK 99688	PLUMBER
AK00011354Z	Alaska Native Tribal Health Consortium, Division of Environmental Health & Engineerir	Registered	4500 Diplomacy Drive, Suite 454 Anchorage AK 99508	PLUMBER
AK00105001J	ALASKA PLUMBING & HEATING	Registered	P.O. Box 210240 Auke Bay AK 99821	PLUMBER
AK00110339J	All American Plumbing & Heating	Registered	9509 Antler Way Juneau AK 99801	PLUMBER
AK00013590R	All-Star Plumbing & Heating, LLC	Registered	13130 Bearpaw Street Anchorage AK 99516	PLUMBER
AK00107000T	ALWAYS ON CALL MOUNTAIN MECHANICAL CORPORATION	Registered	8427 MENTRA STREET ANCHORAGE AK 99518	PLUMBER
AK00015799J	Ameresco, Inc.	Registered	6643 Brayton Drive Anchorage AK 99507	PLUMBER
AK00043000Z	ANCHORAGE ALASKA AREA PIPE TRADES LOCAL #367 JATC	Registered	617 WEST POTTER DRIVE ANCHORAGE AK 99518	PLUMBER
AK00007001G	ANCHORAGE PLUMBING & HEATING, INC.	Registered	7640 King Street ANCHORAGE AK 99518	PLUMBER
AK00010500S	APEX PLUMBING & HEATING SERVICES, LLC	Registered	19087 E. Jessica Ann Street Sutton AK 99674	PLUMBER
AK00008111Z	Arctic Chain Plumbing & Heating, Inc.	Registered	1200 East 76th Avenue, Unit 1220 Anchorage AK 99518	PLUMBER
2017-AK-68854	Arctic Plumbing & Heating, LLC	Registered	2125 Richardson Highway, Suite #2 North Pole AK 99705	PLUMBER
2019-AK-73300	Beckley Mechanical Company	Registered	2125 Richardson Highway North Pole AK 99705	PLUMBER
AK00014592Z	Blades Mechanical	Registered	148 Hillcrest Avenue, #2 Soldotna AK 99669	PLUMBER
AK00014592J	Boilerman Plumbing & Heating, Inc.	Registered	6800 Lonesome Drive Palmer AK 99645	PLUMBER
AK00104001J	BOWMAN MECHANICAL CONTRACTORS, INC	Registered	11701 Toy Drive ANCHORAGE AK 99515	PLUMBER
AK00112571Z	Central Mechanical, Incorporated	Registered	311 N. Sitka Street Anchorage AK 99501	PLUMBER
AK00009220T	Circle Plumbing and Heating, Inc.	Registered	2317 Raspberry Road Anchorage AK 99502	PLUMBER
AK00013571T	D.H. Plumbing & Heating, Incorporated	Suspended	7741 King Street Anchorage AK 99518	PLUMBER
AK00216770O	Daleco Plumbing	Registered	64525 PITZMAN AVE Homer AK 99603	PLUMBER
AK00114769O	Dawson Construction, Incorporated	Registered	4220 Cambria Drive west Ketchikan AK 99901	PLUMBER
AK00187000H	DENALI MECHANICAL, INC.	Registered	995 RILEY COURT FAIRBANKS AK 99701	PLUMBER
AK00116770Z	Discount Mechanical, LLC	Registered	P.O. Box 233694 Anchorage AK 99523	PLUMBER
AK00108058S	Eays Plumbing & Heating, LLC	Registered	1208 Lakeshore Drive Homer AK 99603	PLUMBER
AK00104002J	ENCORE MECHANICAL, INC.	Registered	P.O. BOX 1788 PALMER AK 99645	PLUMBER
AK00113572G	Extreme Heating & Air, Incorporated	Registered	16805 Farm Avenue Eagle River AK 99577	PLUMBER
AK00151000Z	Fairbanks Area Plumbers & Pipefitters JATC	Registered	1978 BURGESS AVENUE FAIRBANKS AK 99709	PLUMBER
AK00014592G	Fedor's Plumbing & Heating, LLC	Registered	5902 Cordova Street Anchorage AK 99518	PLUMBER
AK00012589Z	Funk Services	Registered	P.O. Box 672188 Chugiak AK 99567	PLUMBER
AK00012524J	Glacier Point Services	Registered	P.O. Box 61237 Fairbanks AK 99706	PLUMBER
AK00013591Z	H and M Plumbing & Heating, Inc.	Registered	P.O. Box 222225 Anchorage AK 99522	PLUMBER
AK00004002T	HARDROK PLUMBING AND HEATING, LLC	Registered	4740 E. FATTIC DRIVE WASILLA AK 99654	PLUMBER
AK00105000J	HEATCO, LLC	Registered	17141 N. EAGLE RIVER LOOP ROAD EAGLE RIVER AK 99577	PLUMBER
2019-AK-72458	Homer Plumbing and Heating	Registered	581 Mountain View Drive Homer AK 99603	PLUMBER

ANCHORAGE SCHOOL DISTRICT'S
LIST OF
ALASKAN FEDERALLY REGISTERED APPRENTICESHIP PROGRAMS

Program Number	Program Name	Program Status	Address	Occupation Title
AK00158005	Hunter Mechanical International Corporation	Registered	337 East 4th Avenue, Suite 1 Anchorage AK 99501	PLUMBER
AK00170010	ICE SERVICES, INCORPORATED	Registered	2606 C STREET, SUITE 2B ANCHORAGE AK 99503	PLUMBER
AK00108010	Icy Strait Plumbing and Heating	Registered	8382a Garnet Street Juneau AK 99801	PLUMBER
AK00108402	Intelligent Design, LLC	Registered	11741 Timberlane Drive Anchorage AK 99515	PLUMBER
2018-AK-72080	IOLA Enterprises dba Runstrom Plumbing & Heating	Registered	HC 89 Box 8182 Talkeetna AK 99676	PLUMBER
AK00108636	JGH Plumbing & Heating, Incorporated	Registered	P.O. Box 3385 Palmer AK 99645	PLUMBER
2018-AK-69772	John White's Plumbing & Heating	Registered	5327 Kenai Spur Highway Kenai AK 99611	PLUMBER
AK00092650	John's Heating Service, Inc.	Registered	1311 Mill Bay Road Kodiak AK 99615	PLUMBER
AK00060005	JOURNEYMAN PLUMBING & HEATING, INC.	Registered	51315 SEA QUEST DRIVE KENAI AK 99611	PLUMBER
AK00066000I	***JUNEAU PLUMBERS JATC***	***Registered***	***1751 ANKA STREET JUNEAU AK 99801***	***PLUMBER***
2017-AK-69607	Kasilof Plumbing & Heating	Registered	26547 S. Cohoe Loop Kasilof AK 99610	PLUMBER
AK00157698	Kiwi Mechanical	Registered	Box 2132 Cordova AK 99574	PLUMBER
AK00105001 2	KNIK PLUMBING & HEATING	Registered	4915 W. 84TH AVENUE ANCHORAGE AK 99502	PLUMBER
AK00060017	LARRY'S PLUMBING & HEATING	Registered	P.O. BOX 4148 KODIAK AK 99615	PLUMBER
AK00147687	Larry's Quality Heating & Plumbing, Inc.	Registered	2531 Barrett Avenue Juneau AK 99801	PLUMBER
AK00080234	Lewis Mechanical, Inc.	Registered	13240 View Heights Way Anchorage AK 99516	PLUMBER
AK00052011	M&J PLUMBING & HEATING, INC.	Registered	34360 Business Park Frontage Road SOLDOTNA AK 99669	PLUMBER
AK00070010	MAT-SU MECHANICAL, INC.	Registered	1265 EAST LOLLY CIRCLE WASILLA AK 99654	PLUMBER
2017-AK-68588	Monkey Wrench Mechanical	Registered	P.O. Box 73441 Fairbanks AK 99707	PLUMBER
AK00113541	Moore Heating & Air Conditioning	Registered	1801 East Dowling Road Anchorage AK 99507	PLUMBER
AK00114890	Mr. Rooter Plumbing of Fairbanks	Registered	875 Old Richardson Highway FAIRBANKS AK 99701	PLUMBER
AK00060010	PLEASANTS PLUMBING & HEATING	Registered	P.O. BOX 33051 JUNEAU AK 99803	PLUMBER
AK00091696	North Country Stoves, Incorporated	Suspended	2207 E. Tudor Road, #40 Anchorage AK 99507	PLUMBER
AK00145928	Pacific Rim Mechanical, LLC	Registered	P.O. Box 669 Haines AK 99827	PLUMBER
AK00070004	PARAGON PLUMBING & HEATING, INCORPORATED	Registered	3400 MACARTHUR STREET FAIRBANKS AK 99701	PLUMBER
AK00000005	PARNHURST MECHANICAL	Registered	P.O. BOX 1806 Palmer AK 99645	PLUMBER
AK00050006	PARTUSCH PLUMBING & HEATING	Registered	8301 SCHOON STREET ANCHORAGE AK 99518	PLUMBER
AK00060010	PLEASANTS PLUMBING & HEATING	Registered	P.O. BOX 33051 JUNEAU AK 99803	PLUMBER
AK00167705	Pollard Construction	Suspended	P.O. Box 32811 Juneau AK 99803	PLUMBER
AK00092200	Portwinde Plumbing and Heating, Inc.	Registered	1500 Alaska Way Fairbanks AK 99709	PLUMBER
AK00110394	Premier Mechanical, LLC	Registered	2011 Millbay Road, #2 Kodiak AK 99615	PLUMBER
AK00167700	Red Hot Mechanical, Incorporated	Registered	11723 Old Glenn Highway, Suite 107 Eagle River AK 99577	PLUMBER
AK00145735	River City Plumbing & Heating	Registered	863 6th Avenue Fairbanks AK 99701	PLUMBER
AK00177707	Rock Solid Plumbing & Heating	Registered	P.O. Box 874416 Wasilla AK 99687	PLUMBER
2017-AK-652	S.E. Plumbing, Incorporated	Registered	86 Garland Court Ketchikan AK 99901	PLUMBER
AK00168008	Scottie's Plumbing	Registered	P.O. Box 72789 Fairbanks AK 99707	PLUMBER
AK00080237	Scott's Heating & Plumbing Services, Inc.	Registered	P.O. Box 3132 Kodiak AK 99615	PLUMBER
AK01040017	STATEWIDE MECHANICAL, LLC	Registered	22750 MCMANUS DRIVE CHUGIAK AK 99567	PLUMBER
AK00088122	Sundance Construction Company, Inc.	Registered	P.O. Box 561 Kasilof AK 99610	PLUMBER
AK00092651	Superior Mechanical, Inc.	Registered	P.O. Box 82409 Fairbanks AK 99708	PLUMBER
2018-AK-71943	Tasman Mechanical Plumbing & Heating, LLC	Registered	730 W. 38th Avenue Anchorage AK 99515	PLUMBER
AK00070021	VALLEY MECHANICAL CONTRACTING, INCORPORATED	Registered	6673 E TEX-AL DRIVE WASILLA AK 99654	PLUMBER
AK00125707	Waterworks Plumbing & Heating	Registered	P.O. Box 1974 Soldotna AK 99669	PLUMBER
2019-AK-73100	Wolf Pack Mechanical, LLC	Registered	P.O. Box 521118 Big Lake AK 99652	PLUMBER
AK00030009	YUKON-KUSKOKWIM DELTA APPRENTICESHIP PROGRAM	Registered	P.O. BOX 869 BETHEL AK 99559	PLUMBER
AK00092654	Ketchikan Indian Community	Registered	615 Stedman Street Ketchikan AK 99901	RESIDENTIAL CARPENTER
AK00113537	Nicholas Construction, LLC	Registered	P.O. Box 599 Ward Cove AK 99901	RESIDENTIAL CARPENTER
AK00135904	Yukon River Towing, LLC	Registered	P.O. Box 128 Emmonak AK 99581	RESIDENTIAL CARPENTER
AK00056004	A & K ELECTRIC	Registered	1545 CROSSON AVENUE FAIRBANKS AK 99701	RESIDENTIAL WIREMAN
AK00078001S	***ALASKA JOINT ELECTRICAL APPRENTICESHIP & TRAINING TRUST***	***Registered***	***5800 B ST ANCHORAGE AK 99518***	***RESIDENTIAL WIREMAN***
2017-AK-472	Big M Electric, LLC	Registered	P.O. Box 84044 Fairbanks AK 99708	RESIDENTIAL WIREMAN
AK00145927	Bristol Bay Housing Authority	Registered	P.O. Box 50 Dillingham AK 99576	RESIDENTIAL WIREMAN
AK00103513	Dependable Services	Registered	P.O. Box 4357 Palmer AK 99645	RESIDENTIAL WIREMAN
AK00135907	Elegant Homes	Registered	P.O. Box 875769 Wasilla AK 99687	RESIDENTIAL WIREMAN
AK00103511	Fonov Construction and Electric, LLC	Registered	2155 North Biltmore Court Wasilla AK 99654	RESIDENTIAL WIREMAN
AK00146733	Gardner Electric Company, LLC	Registered	4383 Aspen Avenue Juneau AK 99801	RESIDENTIAL WIREMAN
AK00040014	INTERIOR REGIONAL HOUSING AUTHORITY	Registered	828 27TH AVENUE FAIRBANKS AK 99701	RESIDENTIAL WIREMAN
AK00147692	Marty Wise Electrical	Registered	1634 Sterling Highway Homer AK 99603	RESIDENTIAL WIREMAN
2017-AK-69670	*New Hope Apprenticeship Training*	*Registered*	*2471 West Tropline Drive Wasilla AK 99654*	*RESIDENTIAL WIREMAN*
AK00060007	Pacific North Construction	Registered	P.O. Box 872963 Wasilla AK 99687	RESIDENTIAL WIREMAN
AK00060013	PITCHER ELECTRIC, INC.	Registered	P.O. BOX 877871 WASILLA AK 99687	RESIDENTIAL WIREMAN
AK00104007	RISING SON ELECTRIC SERVICES, LLC	Registered	36794 Ekutna Lake Road Chugiak AK 99567	RESIDENTIAL WIREMAN
AK00103400	Solid Ground Electric	Registered	13811 Savage Drive Eagle River AK 99577	RESIDENTIAL WIREMAN
AK00055000I	***Alaska Carpenters Training Trust***	***Registered***	***8751 King Street Anchorage AK 99515***	***SCAFFOLD ERECTOR***
AK00059000I	***ABC of Alaska, Inc***	***Registered***	***301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518***	***SHEET METAL WORKER***
AK00056000I	***ALASKA SC/SE SHEET METAL WORKERS JATC***	***Registered***	***1307 E 75TH AVENUE, #4 ANCHORAGE AK 99518***	***SHEET METAL WORKER***
AK00187000I	DENALI MECHANICAL, INC.	Registered	995 RILEY COURT FAIRBANKS AK 99701	SHEET METAL WORKER
AK00153000I	***FAIRBANKS AREA SHEET METAL WORKERS JATC***	***Registered***	***1260 AURORA DRIVE FAIRBANKS AK 99709***	***SHEET METAL WORKER***
AK00180587	Valley Mechanical Contractors, Inc.	Registered	6673 E. Tex-Al Drive Wasilla AK 99654	SHEET METAL WORKER

ANCHORAGE SCHOOL DISTRICT'S
LIST OF
ALASKAN FEDERALLY REGISTERED APPRENTICESHIP PROGRAMS

Program Number	Program Name	Program Status	Address	Occupation Title
AK00059003	*ABC of Alaska, Inc.*	*Registered*	*301 Arctic Slope Avenue, Suite 100 ANCHORAGE AK 99518*	*SPRINKLER FITTER (Existing Title: Pipe Fitter)*
AK00049002	*ANCHORAGE ALASKA AREA PIPE TRADES LOCAL #367 JATC*	*Registered*	*617 WEST POTTER DRIVE ANCHORAGE AK 99518*	*SPRINKLER FITTER (Existing Title: Pipe Fitter)*
AK00151002	*Fairbanks Area Plumbers & Pipefitters JATC*	*Registered*	*1978 BURGESS AVENUE FAIRBANKS AK 99709*	*SPRINKLER FITTER (Existing Title: Pipe Fitter)*
AK00078016	*ALASKA IRONWORKERS JATC*	*Registered*	*8141 SCHOON STREET ANCHORAGE AK 99518*	*STRUCTURAL STEEL WORKER (Alternate Titles: Ironworker or Structural Ironworker)*
AK00000007	*ALASKA TEAMSTER-EMPLOYER SERVICE TRAINING TRUST*	*Registered*	*520 East 34th Avenue, Suite 201 ANCHORAGE AK 99503*	*SURVEYOR ASSISTANT INSTRUMENT*
AK00940001	*ALASKA JOINT ELECTRICAL APPRENTICESHIP & TRAINING TRUST*	*Registered*	*5800 B STREET ANCHORAGE AK 99518*	*TREE TRIMMER (Line Clearance)*
AK00000007	*ALASKA TEAMSTER-EMPLOYER SERVICE TRAINING TRUST*	*Registered*	*520 East 34th Avenue, Suite 201 ANCHORAGE AK 99503*	*TRUCK DRIVER, HEAVY*
2017-NH-68810	River Valley Workforce Institute, Inc.	Registered	335 Mount Support Road Lebanon NH 03766	WELDER, COMBINATION
AK00190012	TECK ALASKA, INC.	Registered	3305 LAKESHORE DR., BUILDING A, STE 301 ANCHORAGE AK 99	WELDER, COMBINATION

Multiple-employer apprenticeship sponsors.

ANCHORAGE SCHOOL DISTRICT
APPRENTICE UTILIZATION FORM

Project Name: _____

Solicitation Number: _____

Contractor: _____

Prime Contractors

1. Please list crafts/trades that will be used to complete this project and have Alaskan Federally Registered Apprenticeship programs.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

2. Please list the apprentices and corresponding apprenticeship programs that will be used by the prime contractor to complete this project. If more space is needed, please attach supplemental sheets.

APPRENTICE'S NAME	APPRENTICESHIP PROGRAM
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

3. Please list the subcontractors that will be used on the project.

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

4. Please list the apprentices and corresponding apprenticeship programs that will be used by the subcontractors to complete this project. If more space is needed, please attach supplemental sheets.

APPRENTICE'S NAME	APPRENTICESHIP PROGRAM
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

ANCHORAGE SCHOOL DISTRICT
APPRENTICESHIP UTILIZATION PROGRAM CALCULATIONS FORM

CONTRACTOR NAME:	CHECK APPROPRIATE BOX	AUDIT PERIOD
CONTRACTOR ADDRESS:	Contractor ☐ Check Box 3 Sub-contractor ☐ Check Box 2	

LIST OF POTENTIAL ELIGIBLE TRADES CATEGORY	NUMBER OF AGGREGATE HOURS WORKED BY ALL WORKERS ON THE PROJECT IN TRADES-CRAFTS CATEGORY	NUMBER OF AGGREGATE APPRENTICE HOURS WORKED BY ALL WORKERS ON THE PROJECT IN TRADES-CRAFTS CATEGORY
CAPENTERS		
CEMENT MASONS		
ELECTRICIANS		
ELEVATOR WORKERS		
INSULATION WORKER		
LABORERS		
MILWRIGHTS		
OPERATING ENGINEERS		
PAINTERS		
PLUMBERS		
SHEET METAL WORKER		
SPRINKLER FITTER		
SURVEYORS		
TRUCK DRIVER		
TOTAL AGGREGATE HOURS		

ELIGIBLE TRADES CATEGORY	ALASKAN FEDERALLY REGISTERED APPRENTICESHIP PROGRAM	APPRENTICE'S NAME	DATE RANGE OF APPRENTICE GOOD STANDING STATUS START DATE	DATE RANGE OF APPRENTICE GOOD STANDING STATUS END DATE	NUMBER OF HOURS WORKED THIS AUDIT PERIOD BY APPRENTICE

PENALTY TABLE

$100,001 TO $500,000

1ST NON-COMPLIANCE (30-DAY)	$500.00	
2ND CONSECUTIVE NON-COMPLIANCE (30-DAY)	$750.00	
3RD 30-DAY CONSECUTIVE NON-COMPLIANCE	$1,000.00	
4TH CONSECUTIVE NON-COMPLIANCE (30-DAY)	$1,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING
FURTHER CONSECUTIVE NON-COMPLIANCE EXCEEDING 4TH NON-COMPLIANCE (30-DAY)	$1,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING

$500,001 TO $1,000,000

1ST NON-COMPLIANCE (30-DAY)	$750.00	
2ND CONSECUTIVE NON-COMPLIANCE (30-DAY)	$1,500.00	
3RD CONSECUTIVE NON-COMPLIANCE (30-DAY)	$2,500.00	
4TH CONSECUTIVE NON-COMPLIANCE (30-DAY)	$5,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING
FURTHER CONSECUTIVE NON-COMPLIANCE EXCEEDING 4TH NON-COMPLIANCE (30-DAY)	$5,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING

$1,000,001 TO $3,000,000

1ST NON-COMPLIANCE (30-DAY)	$1,000.00	
2ND CONSECUTIVE NON-COMPLIANCE (30-DAY)	$2,500.00	
3RD CONSECUTIVE NON-COMPLIANCE (30-DAY)	$5,000.00	
4TH CONSECUTIVE NON-COMPLIANCE (30-DAY)	$7,500.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING
FURTHER CONSECUTIVE NON-COMPLIANCE EXCEEDING 4TH NON-COMPLIANCE (30-DAY)	$7,500.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING

$3,000,001 TO $5,000,000

1ST NON-COMPLIANCE (30-DAY)	$1,500.00	
2ND CONSECUTIVE NON-COMPLIANCE (30-DAY)	$3,000.00	
3RD CONSECUTIVE NON-COMPLIANCE (30-DAY)	$7,500.00	
4TH CONSECUTIVE NON-COMPLIANCE (30-DAY)	$10,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING
FURTHER CONSECUTIVE NON-COMPLIANCE EXCEEDING 4TH NON-COMPLIANCE (30-DAY)	$10,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING

OVER $5,000,000

1ST NON-COMPLIANCE (30-DAY)	$2,500.00	
2ND CONSECUTIVE NON-COMPLIANCE (30-DAY)	$5,000.00	
3RD CONSECUTIVE NON-COMPLIANCE (30-DAY)	$8,000.00	
4TH CONSECUTIVE NON-COMPLIANCE (30-DAY)	$10,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING
FURTHER CONSECUTIVE NON-COMPLIANCE EXCEEDING 4TH NON-COMPLIANCE (30-DAY)	$10,000.00	AND FINDING OF NON-RESPONSIBILITY IN FUTURE BIDDING

END OF SECTION

GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION

REFERENCE:

The General Conditions shall be GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, ANCHORAGE SCHOOL DISTRICT, ANCHORAGE, ALASKA, bound herein.

SUPPLEMENTS:

Supplements may modify, change, delete, or add to these General Conditions. Where any article of the General Conditions is modified or any paragraph deleted, or any subparagraph or clause thereof is modified, or deleted by supplements, the unaltered provisions of such article, paragraph, subparagraph or clause shall remain in effect. The General Conditions and the Supplementary General Conditions are applicable to all of the Work under this Contract and shall apply to the Contractor and all Subcontractors, Sub-subcontractors, and Material Suppliers and Vendors.

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ARTICLE 1

CONTRACT DOCUMENTS

1.1 DEFINITIONS

1.1. 1 The following terms as used in this Contract are defined as follows:

"Architect / Engineer or A/E": The design consultant of the Owner.

"Construction Manager": Supervises the construction phase of construction projects for the Anchorage School District Facilities Department.

"Contract": The Agreement between Owner and Contractor and the referenced Contract Documents stated therein.

"Contractor": The person, firm, or corporation contractually responsible to the Owner to provide the services called for by this Contract. Such entity may also be referred to as Managing General Contractor, General Contractor, or Prime Contractor.

"Days": Calendar days unless otherwise noted.

"Direct Cost": A direct cost is any cost that can be identified specifically with a particular final cost objective, i.e., with this contract, or an item of extra work, or change order under the contract.

"Senior Director of Capital Planning & Construction": Manages the Operations of the Anchorage School District Capital Planning & Construction Department.

"Furnish": Supply and deliver to the project including the cost to supply and deliver.

"Indirect Cost": An indirect cost, collectively called overhead, is any cost not directly identified with a single, final cost objective, but identified with two or more final cost objectives or an intermediate cost objective.

"Install": Build into the Work, ready to use in a complete, finished, and operable system, including the cost to install.

"Owner": The Anchorage School District, its Anchorage School Board of Education, the Superintendent of the Anchorage School District, and its employees.

"Project Manager": The person designated by the Senior Director of Capital Planning & Construction as the Owner's representative for this Contract, responsible for the day-to-day coordination between the Owner and the Contractor.

"Provide": Furnish and install for a complete, finished, and operable system.

"Reasonable Cost": A cost is reasonable if, in its nature or amount, it does not exceed that which would be incurred in a competitive market.

"Shop Drawings, Setting Drawings, Manufacturer's Printed Information and Submittal (collectively known as "Submittals")": The Contractor's information consisting of drawings, catalogs, illustrations, calculations, and other data delivered to the Owner for the purpose of assuring the Owner, prior to execution of that part of the Work, that the prescriptive element, component, subsystem, or service to be provided generally conforms with the

Contract. The Contractor is responsible to the Owner for the accuracy and completeness of the Submittals.

"Subcontractor": A person, firm, or entity who has a direct contract with the Contractor to perform any of the work.

"Work" or "Project": The finished product required by the Contract Documents together with the means and methods as determined, by the Contractor, to achieve the finished product.

1.1. 2 THE CONTRACT DOCUMENTS

The Contract Documents consist of the Owner-Contractor Agreement, the Drawings, the Project Manual, and all Addenda issued prior to and all Modifications issued after execution of the Contract. A Modification is (1) a directive for change in the work pursuant to Section 12.1.2 or (2) a change order pursuant to Section 12.2.6.

1.1. 3 THE CONTRACT

The Contract is the sum of all the Contract Documents. This Contract represents the entire and integrated agreement between the Owner and the Contractor and supersedes all prior negotiations, representations, or agreements, either written or oral. The Contract may be amended or modified only by a Modification as defined in Subparagraph 1.1.2.

1.1. 4 THE WORK

The Work comprises the completed construction required by the Contract Documents and includes all labor necessary to produce such construction, and all materials and equipment incorporated or to be incorporated in such construction.

1.1. 5 THE PROJECT

The Project is the total construction, of which the Work performed under the Contract documents may be the whole or a part.

1.1. 6 SCHOOL BOARD

Board of Education of the Anchorage School District, Anchorage, Alaska.

1.1. 7 BIDDER

Any individual, firm, partnership, corporation or combination thereof, formally submitting a bid for the work contemplated, or any portion thereof, acting directly or through an authorized representative.

1.1. 8 MUNICIPALITY

Municipality of Anchorage, Alaska.

1.1. 9 PROPOSAL

1.1.9.1 BID PROPOSAL

The written proposal of the Bidder on the form furnished by the Owner for the Work contemplated, and which is required to be signed by the Bidder.

1.1.9.2 REQUEST FOR PROPOSAL (RFP)

The offer of the Contractor submitted on the prescribed form from the Project Manager to perform the work and furnish labor, material and all other costs at the prices quoted by the Contractor for proposed changes in the work.

1.1. 10 SPECIFICATIONS

The products, directions, requirements, explanations, terms and provisions pertaining to the various features of the Work to be done and the manner and method of performance. The specifications include such directions, requirements and explanations as appear on the drawings and as may otherwise be defined.

1.1. 11 PROJECT SITE

The geographic location of the Project as indicated on the Drawings.

1.1. 12 PROJECT MANUAL

The Project Manual includes the Bidding and Contract Requirements, Project Schedule Milestone Dates, General and Supplementary Conditions, Wage Rates, the Specifications and project drawings incorporated by reference.

1.1. 13 REQUEST FOR INFORMATION

Request for Information. Written interpretations necessary for the proper execution or progress of the Work, in the form of drawings or otherwise, will be issued with reasonable promptness by the Project Manager. The Contractor may make written request to the Project Manager for such interpretations. Such interpretations will be consistent with and reasonably inferable from the Contract Documents.

1.2 EXECUTION, CORRELATION AND INTENT

1.2.1 The Contract shall be signed in doubles by the Owner and Contractor, each of which shall be deemed an original, but all or which shall constitute one and the same instrument.

1.2.2 By executing the Contract, the Contractor represents that he has visited the site, familiarized himself with the local conditions under which the Work is to be performed, and correlated his observations with the requirements of the Contract Documents.

1.2.3 The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work. Except as otherwise specifically provided, the Contractor shall furnish all labor, tools, implements, machinery, supplies, materials, and incidentals, and shall do all things necessary to perform and to complete the Work. The Contract Documents are complementary, and what is required by any one shall be as binding as if required by all. Work not covered in the Contract Documents will not be required unless it is consistent therewith and is reasonable inferable therefrom as being necessary to produce the intended results. Words and abbreviations which have well-known technical or trade meanings are used in the Contract Documents in accordance with such recognized meanings unless otherwise specifically defined herein.

1.2.4 The organization of the Specifications into division, sections and articles, and the arrangement of Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of Work to be performed by a trade.

1.2.5 If any portion of the Contract Documents shall be in conflict with any other portion, the

various documents comprising the Contract Documents shall govern in the following order of precedence:

1.2.5.1 The Owner-Contractor Agreement;
1.2.5.2 Modifications;
1.2.5.3 Addenda;
1.2.5.4 Section 00800 - Supplementary General Conditions;
1.2.5.5 Section 00700 - General Conditions of the Contract for Construction;
1.2.5.6 Specifications - embodying all other sections in the Project Manual;
1.2.5.7 Drawings: as between schedules and information given on Drawings, the schedules shall govern; as between written dimensions given on Drawings and scaled measurements, the written dimensions shall govern; as between large-scale Drawings and small-scale Drawings, the larger scale shall govern;
1.2.5.8 Performance Bond, Labor and Material Payment Bond;
1.2.5.9 Bid/Proposal Form;
1.2.5.10 Instructions to Bidders/Proposers;
1.2.5.11 Invitation to Bid/Request for Proposal;

All such conflicts shall be reported, in writing, to the Project Manager. Schedules, lists, indexes, tables, inventories, written instruction, written descriptions, summaries, statements, classifications, specifications, written selections, or written designations, although appearing on the Drawings, are deemed to be and are “Specifications” as defined by this Subparagraph 1.2.5. The principles as set forth herein shall not alter the provisions of Subparagraph 1.2.3.

In the event there is a conflict between or among any provisions within one of the component parts of the Contract Documents, the higher standard or more stringent requirement shall govern.

1.2.6 The Contractor agrees that nothing contained in the Contract Documents or any contract between the Owner and the Architect shall create any contractual relationship between the Architect and the Contractor, any Subcontractors, Sub-subcontractors, Material Suppliers or Vendors. The Contractor acknowledges and agrees that this Contract is not intended to create, nor shall any provision be interpreted as creating, any contractual relationship between the Owner or Contractor or any third parties.

1.2.7 Any material or operation specified by reference to published specifications of a manufacturer, a society, an association, a code, or other published standard, shall comply with requirements of the listed document and project specifications; or as between referenced documents, the more stringent code or performance requirements shall govern. The Contractor, if requested, shall furnish an affidavit from the manufacturer certifying that the materials or products delivered to the Project meet the requirement specified.

1.3 OWNERSHIP AND USE OF DOCUMENTS

1.3.1 All Drawings, Specifications and copies thereof furnished by the Owner are and shall remain its property. They are to be used only with respect to this Project and are not to be used on any other project.

1.3.2 The Owner will provide conformed drawings and specifications incorporating Addenda items into the Contract Documents. A reasonable number of reproduced sets will be provided to the contractor without charge.

END OF ARTICLE 1

ARTICLE 2

ARCHITECT

2.1 DEFINITION

2.1.1 The Architect is the person or organization lawfully licensed to practice architecture, or an entity lawfully practicing architecture identified as such in the Owner-Contractor Agreement, and is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term Architect means the Architect and his engineers, whether under contract or within his own organization, or his authorized representative.

2.1.2 The term Architect is interchangeable with the term Project Architect, and is exclusive of the services of the Asbestos Abatement Architect.

2.1.3 The Asbestos Abatement Architect is not a part of the Architect's organization.

2.2 SERVICES OF THE ARCHITECT

2.2.1 The Architect will provide certain services as hereinafter described.

2.2.2 Should errors, omissions, or conflicts in the Drawings, Specifications, or other Contract Documents provided by the Architect be discovered, the Architect will prepare such amendments or supplementary documents and provide consultation as may be required.

2.2.3 The Architect and his consulting engineers (including but not limited to the structural, mechanical, and electrical disciplines) will visit the site at intervals appropriate to the stage of construction to familiarize themselves generally with the progress and quality of the Work and to determine in general if the Work is proceeding in accordance with the Contract Documents. Unless otherwise provided in the Owner-Architect Agreement, the Architect and his consulting engineers will not be required to make exhaustive or continuous on-site inspection or observations to check the quality or quantity of the Work, but they shall make as many on-site inspections and observations as may reasonably be required to fulfill their obligations to the Owner. On the basis of such on-site observation, the Architect and his consulting engineers shall endeavor to guard the Owner against defects and deficiencies in the Work of the Contractor.

2.2.4 The Architect will render written field reports to the Project Manager in the form required by the Project Manager relating to the periodic visits and inspections of the Project required by Subparagraph 2.2.3.

2.2.5 The Architect will not be responsible for and will not have control or charge of construction means, methods, techniques, sequences or procedures, or for safety precautions and programs in connection with the Work, and he will not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents. The Architect will not be responsible for or have control or charge over the acts or omissions of the Contractor, Subcontractors, or any of their agents or employees, or any other persons performing any of the work.

2.2.6 The Architect shall at all times have access to the Work wherever it is in preparation or progress. The Contractor shall provide safe facilities for such access so the Architect may perform his functions under the Contract Documents.

2.2.7 The Project Manager will consult with the Architect regarding the Contractor's Applications for Payment and both shall sign the Applications for Payment as provided in Subparagraph

9.4.

2.2.8 As required, the Architect will render to the Project Manager interpretations necessary for the proper execution or progress of the Work, with reasonable promptness and in accordance with any time limit agreed upon.

2.2.9 All communications, correspondence, submittals, and documents exchanged between the Architect and the Contractor in connection with the Project shall be through or in the manner prescribed by the Project Manager.

2.2.10 All interpretations and decisions of the Architect will be consistent with the intent of and reasonably inferable from the Contract Documents.

2.2.11 The Architect's decision in matters relating to artistic effect will be final if consistent with the intent of the Contract Documents and approved by the Project Manager.

2.2.12 If the Architect observes any Work that does not conform to the Contract Documents, the Architect shall promptly report in writing this observation to the Project Manager. The Architect will prepare and submit to the Project Manager punchlists of the Contractor's Work which is not in conformance with the Contract Documents. The Project Manager will transmit such punchlists to the Contractor.

2.2.13 The Architect will review and take appropriate action upon Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for conformance with the design concept of the Work and for general compliance with the Contract Documents. Such action shall be taken in no more than twenty-one (21) days of receipt unless otherwise authorized by the Project Manager.

2.2.14 The Project Manager will establish with the Architect procedures to be followed for review and processing of all Shop Drawings, catalog submittals, project reports, test reports, maintenance manuals, and other necessary documentation, as well as requests for changes and applications for extensions of time.

2.2.15 The Architect will prepare technical documentation for Change Orders when directed by the Project Manager.

2.2.16 The Architect and the Project Manager will conduct inspections to determine the dates of Substantial Completion and Final Completion, and will issue a final Certificate of Substantial Completion.

2.2.17 Unless otherwise provided in the Contract Documents, or the Owner-Architect Agreement, the Architect will prepare a set of reproducible record prints of Drawings showing significant changes in the Work made during the construction process, based on neatly and clearly marked-up prints, Drawings, and other data furnished by the Contractor.

2.2.18 In case of the termination of the employment of the Architect, the Owner may appoint an architect against whom the Contractor makes no reasonable objection whose status under the Contract Documents shall be that of the former architect, or the Owner may have the Project Manager assume all of the services of the Architect thereafter.

2.3 ASBESTOS ABATEMENT ARCHITECT

2.3.1 Solely with regards to asbestos abatement, the Asbestos Abatement Architect shall be afforded the same rights and authority as hereinbefore allowed the Architect.

2.3.2 The Architect is not a part of the Asbestos Abatement Architect's organization.

2.4 SEPARATE ARCHITECT, ENGINEER OR ARCHITECT/ENGINEER

2.4.1 Unless otherwise noted in the Contract Documents, the Separate Architect, Engineer or Architect/Engineer, as defined by the Supplementary General Conditions, Document 00800, shall be afforded the same rights and authority as hereinbefore allowed the Architect.

2.4.2 The Contract Documents, when applicable, shall define the portion of the Work relating to the services of the Separate Architect, Engineer or Architect/Engineer.

END OF ARTICLE 2

ARTICLE 3

OWNER

3.1 DEFINITIONS

3.1.1 The Owner is the Anchorage School District acting through its legally constituted officials, officers, employees, or agents and is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term Owner means the Owner or its authorized representative or agent.

3.1.2 The Asbestos Abatement Consultant is under separate Agreement with the Owner. Communications protocol between the Contractor and the Asbestos Abatement Architect shall be as established by the Project Manager.

3.2 PROJECT MANAGER

3.2.1 The Project Manager will be the Owner's representative and agent to the Contractor with respect to the Project during construction and until the issuance of the final Certificate for Payment. The term Project Manager is referred to throughout the Contract Documents as if singular in number and masculine in gender. The Owner's communications with the Contractor and the Architect will be through the Project Manager, who will have full authority to act on behalf of the Owner with regard to all aspects of the Project except that the Owner must approve all Change Orders and payments to the Contractor. The Project Manager's actions with regard to this project will be as an agent and representative of the Owner.

3.2.2 The Project Manager is not authorized to revoke, alter, change, relax, or release any requirements of the Contract, nor to approve or accept any portion of the Work not executed in accordance with, nor to issue instructions contrary to, the Contract Documents.

3.2.3 Nothing contained within the Contract Documents shall create any contractual relationship between the Project Manager and the Contractor.

3.3 INFORMATION, SERVICES AND RIGHTS OF THE OWNER

3.3.1 The Owner, through the Project Manager, will provide administration of the Contract as hereinafter described.

3.3.2 The Owner and the Project Manager shall at all times have access to the Work whenever it is in preparation or progress. The Contractor shall provide safe facilities for such access.

3.3.3 The Owner and the Project Manager shall not be responsible for or have control or charge of the construction means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the Work and will not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents. The Project Manager will not be responsible for the acts or omissions of the Contractor, any Subcontractors, or any of their agents or employees, or any other persons performing any of the Work.

3.3.4 The Project Manager shall have authority on behalf of the Owner to condemn or reject Work when, in the Project Manager's opinion the Work does not conform to the Contract Documents. Whenever, in the Project Manager's reasonable opinion, it is considered necessary or advisable to insure the proper implementation of the intent of the Contract Documents, the Project Manager shall have the authority to require special inspection or

testing of any Work in accordance with the provisions of the Contracts Documents, whether or not such Work be then fabricated, installed, or completed.

3.3.5 The Project Manager will have authority to require additional inspection or testing of the Work in accordance with Subparagraph 7.7.3, whether or not such Work be then fabricated, installed, or completed. However, neither the Project Manager's authority to act under Subparagraphs 3.3.4 and 3.3.5, nor any decision made by the Project Manager in good faith either to exercise or not to exercise such authority shall give rise to any duty or responsibility of the Project Manager to the Contractor, any Subcontractor, any of their agents or employees, or any other persons performing any of the work.

3.3.6 The Project Manager shall have the authority and discretion to call, schedule, and conduct job meetings to be attended by the Contractor, and representatives of his Subcontractors, and Material Suppliers, and Vendors and the Architect, to discuss such matters as procedures, progress, changes, problems, claims and scheduling.

3.3.7 The Project Manager will establish procedures to be followed for processing all Shop Drawings, catalogs, and other project reports, and other documentation, test reports, and maintenance manuals.

3.3.8 The Project Manager will review all requests for changes and shall implement the processing of Change Orders, including applications for extension of the Contract time.

3.3.9 Project scheduling shall occur as set forth in Division 1, Section 01311 of the General Requirements, entitled "Schedules and Reports". The Owner and the Project Manager will not be responsible for the failure of the Contractor to plan, schedule, and execute the Work in accordance with the Contractor's accepted schedule or the failure of the Contractor to meet the Project Schedule Milestone Dates as set forth under Section 00200 hereof or the failure of the Contractor to schedule and coordinate the Work of his own trades and Subcontractors, and Material Suppliers and Vendors, or the failure of the Contractor to coordinate and cooperate with other separate contractors.

3.3.10 The Project Manager, in consultation with the Architect, will review and process all Applications for Payment by the Contractor, including the final Application for Payment.

3.3.11 The Owner and the Project Manager will not be responsible for the acts or omissions of the Contractor, or any Subcontractor, or Material Supplier and Vendor, or any contractor's, subcontractor's or Material Supplier's and Vendor's agents or employees, or any other persons performing any of the Work.

3.3.12 The Owner shall, if requested by the Contractor, furnish all existing and available surveys describing the physical characteristics, legal limitations and utility locations for the site of the Project.

3.3.13 Except as otherwise provided in the Contract Documents, the Owner shall pay for necessary easements required for permanent structures or for permanent changes in existing facilities. The Contractor shall be responsible for obtaining all necessary permits and coordinating the securing of easements, inspections and approvals for permanent structures and all associated work.

3.3.14 Information or services under the Owner's control shall be furnished by the Owner with reasonable promptness to avoid delay in the orderly progress of the Work.

3.3.15 Unless otherwise provided in the Contract Documents, the Contractor will be furnished, free of charge, all copies of Drawings and Specifications, and such supplemental

documents as are reasonably necessary for the execution of the Work.

3.3.16 The foregoing rights are in addition to other rights of the Owner enumerated herein and those provided by law.

3.4 OWNER'S RIGHT TO PERFORM WORK AND TO AWARD SEPARATE CONTRACTS

3.4.1 The Owner reserves the right to perform other work at the project site(s) with his own forces, and to award separate contracts in connection with portions of other work on the site.

3.4.2 The Contractor shall afford the Owner and separate Contractors reasonable opportunity for the introduction and storage of their materials and equipment and the execution of their Work, and shall coordinate his Work with theirs as required by the Contract Documents.

3.4.3 A pre-construction conference will be held with the Contractor, Project Manager, and other contractors performing work at the project site, for the purpose of coordinating work in areas where more than one contractor may be working. The time of the meeting will be established by the Owner's Representative prior to the Contractor commencing his work.

3.4.4 The Contractor shall attend additional coordination meetings, as requested by the Owner's Representative.

3.5 OWNER'S RIGHT TO STOP OR TO SUSPEND THE WORK

3.5.1 If the Contractor fails to correct defective Work as required by Paragraph 13.2 or fails to carry out the Work or supply labor and materials in accordance with the Contract Documents, the Owner, through the Project Manager, by a written order may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of the Project Manager to stop the Work on behalf of the Owner shall not give rise to any duty on the part of the Project Manager to exercise this right for the benefit of the Contractor or any other person or entity.

3.5.2 The Project Manager may order the Contractor in writing to suspend, delay, or interrupt all or any part of the Work for such period of time as he may determine to be appropriate for the convenience of the Owner.

3.5.3 Upon receipt of any such suspension order, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize incurring costs allocated to the Work covered by the order during the period of Work suspension.

3.5.4 If the performance of all or any part of the Work is suspended, or delayed, or interrupted by the Owner or the Project Manager pursuant to Subparagraph 3.5.2, the Contractor may make application for an adjustment in contract time and contract sum pursuant to Paragraph 12.2, and Division 1, Section 01311, Paragraph 2.03, respectively. No such adjustment shall be made if the performance of the Work is suspended by the Owner pursuant to Subparagraph 3.5.1.

3.6 OWNER'S RIGHT TO CARRY OUT THE WORK

3.6.1 If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within seven (7) days after receipt of written notice from the Project Manager to commence and continue correction of such default or neglect with diligence and promptness, the Owner may, after seven (7) days following receipt by the Contractor of an additional written notice and without prejudice to any other remedy he may have,

make good such deficiencies and may further elect to complete all Work thereafter through such means as the Owner may select, including the use of a new Contractor. In such a case an appropriate Change Order shall be issued deducting from the payments then or thereafter due the Contractor the cost of correcting such deficiencies, including additional Owner administrative and legal costs, and compensation for the Architect's and the Project Manager's additional services made necessary by such default, neglect or failure. If the payments then or thereafter due the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the Owner.

3.7 AUDIT

3.7.1 The Owner shall have access to the Contractor's books, accounts, records, invoices and other records and documents pertaining to the Project at all reasonable times for the purpose of inspecting and auditing such. The Contractor shall provide to the Owner his daily manpower and equipment reports for all Subcontractors and any and all information requested or required by the Owner to validate or verify an Application for Payment, claim for cost or a requisition. The Contractor shall have no right to additional compensation or time in the event a requisition is delayed due to the inability of the Owner to validate or verify an Application for Payment due to the failure or refusal of the Contractor to allow such inspection or audit or to provide such requested information.

3.7.2 The Contractor shall maintain all data and records pertinent to the Work performed under this Contract in accordance with generally accepted accounting principles, and shall preserve and make available all data and records until the expiration of three (3) years from the date of final payment under this Contract, or for such longer period, if any, as is required by applicable statute, pending litigation, or by other articles of this Contract. The Owner and its authorized representatives shall have access to all such data and records for such time period to inspect, audit and make copies thereof during normal business hours.

3.7.3 The Contractor covenants and agrees that it shall require that any Subcontractor and any Sub-Subcontractor utilized in the performance of this Contract shall permit the authorized representatives of the Owner to similarly inspect and audit all data and records of said Subcontractors and Sub-Subcontractors relating to the performance of said Subcontractors and Sub-Subcontractors under this Contract for the same time period specified above.

END OF ARTICLE 3

ARTICLE 4

CONTRACTOR

4.1 DEFINITION

4.1.1 The Contractor is the person or organization identified as such in the Owner-Contractor Agreement and is referred to throughout the Contract Documents as if singular in number and masculine in gender. The term Contractor means the Contractor or his authorized representative, who shall have the authority to bind the Contractor in all matters pertinent to this Contract.

4.2 REVIEW OF CONTRACT DOCUMENTS

4.2.1 Before placing his proposal to the Owner, and continuously after execution of the Contract, the Contractor shall carefully study and compare the Contract Documents and shall at once report to the Owner, through the Project Manager, any error, inconsistency or omission he may discover, including any requirement which may be contrary to any law, ordinance, rule, regulation or order of any public authority bearing on the performance of the Work. By submitting his proposal or bid for the Contract and the Work under it, the Contractor agrees that the Contract Documents appear accurate, consistent, and complete insofar as can reasonably be determined. If the Contractor has reported in writing an error, inconsistency or omission, has promptly stopped the affected work until otherwise instructed, and has otherwise followed the instructions of the Owner, the Contractor shall not be liable to the Owner for any damage resulting from any such errors, inconsistencies or omissions in the Contract Documents. The Contractor shall perform no portion of the Work at any time without Contract Documents and, where required, approved Shop Drawings, Product Data or Samples for such portion of the Work.

4.3 SUPERVISION AND CONSTRUCTION PROCEDURES

4.3.1 The Contractor shall supervise and direct the Work, using his best skill and attention. He shall be solely responsible for and have control over all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract.

4.3.2 The Contractor shall be responsible to the Owner for the acts and omissions of his employees, Subcontractors, and Material Suppliers and Vendors, and their agents and employees, and other persons performing any of the work.

4.3.3 The Contractor shall not be relieved from his obligations to perform the Work in accordance with the Contract Documents either by the activities or duties of the Architect or the Project Manager in their administration of the Contract, or by inspections, tests or approvals (or the lack thereof) required or performed under Paragraph 7.7 by persons other than the Contractor.

4.3.4 Independent of this Contract, the Owner has undertaken a long term asbestos abatement program by which the Owner intends to properly document the existence of asbestos-contained materials and the lawful removal of ACM by qualified asbestos abatement contractors or subcontractors in accordance with the Asbestos Hazard Emergency Response Act (AHERA) and the Asbestos School Hazard Abatement Reauthorization Act (ASHARA). As part of this asbestos abatement program, the Owner has employed a private consultant to locate asbestos-containing materials present in the Owner's facilities. A copy of the AHERA report as it relates to the facility which is involved in this Contract can be obtained from the Owner by contacting the Project Manager.

4.3.4.1 Before starting the Work or any Section of the Work, the Contractor shall inspect or, if using a Subcontractor for a Section of the Work, shall cause his Subcontractor to inspect all preparatory work, including that performed prior to the commencement of the Work under this Contract, for the presence of suspected asbestos-containing materials.

4.3.4.2 If the Contractor or his Subcontractor encounters any asbestos-containing material or suspected asbestos-containing material -- whether such material is identified in the AHERA report or the private consultant's report or not -- the Contractor shall bring it to the immediate attention of the Project Manager by timely written notice. Such notification shall be considered timely if received by the Project Manager within two (2) days after the discovery of the asbestos-containing material or suspected asbestos-containing material by the Contractor or by a Subcontractor if the Contractor uses a Subcontractor to perform that Section of the Work. If the Contractor does not give timely notice of the presence of asbestos-containing material or suspected asbestos-containing material, the Contractor will not receive additional compensation for delay caused by the necessity of the Owner to stop work and abate asbestos-containing material during the course of the Work. Failure of a Subcontractor to report the presence of asbestos-containing material or suspected asbestos-containing material to the Contractor shall not relieve the Contractor of his responsibilities hereunder.

4.3.4.3 If the Contractor, or his employees, agents or subcontractors intentionally or negligently disturbs or removes, or causes to be disturbed or removed, all or a portion of asbestos-containing material, the Contractor shall indemnify, hold harmless and defend the School District and the Project Manager from and against any claims, damages, losses and expenses, and alleged claims, damages, losses and expenses, including but not limited to attorney's fees, arising out of or resulting from any cleanup/decontamination work, medical treatment, or legal action arising or resulting from said intentional or negligent disturbance or removal of asbestos-containing material.

4.3.5 The Contractor shall make all necessary arrangements and so conduct the Work that all parts of the same will be carried out simultaneously and harmoniously and that the work of installing the various sections or items of same shall not interfere with or retard the progress of other Work.

4.3.6 If it becomes necessary at any time during the progress of the Work to move materials and/or equipment which have been temporarily located or stored, the Contractor shall move them or cause them to be moved, at his expense. Care shall be taken that no part of the Work shall be overloaded at any time.

4.3.7 The Contractor shall furnish all required information to ensure continuity between various sections of the Work and to avoid delay and obviate defects on any part of the whole Work, all as approved by the Owner.

4.3.8 Any damage caused by the handling or installation of materials or equipment, or the carrying out of any portion of the Work must also be made good by the Contractor to the satisfaction of the Project Manager.

4.3.9 The Contractor shall compare all the various drawings, and shall install Work in a manner to provide for all clearances and finishes indicated thereon. Work under each trade shall be arranged to clear piping, equipment, etc., of all other trades.

4.3.10 The Contractor shall inform himself fully regarding any peculiarities and limitations of the

space available for the installation of the material. He shall see that all equipment, such as valves, or other appliances necessary to be reached from time to time for operations and maintenance are made readily accessible.

4.3.11 The construction of the Work may develop conditions that render impracticable the location of equipment as shown or noted. In such cases, before installing his Work, the Contractor shall call the condition to the attention of the Project Manager for resolution.

4.3.12 It shall be the Contractor's sole responsibility to so coordinate the Work that chases or other recesses in walls shall be provided where required, and that reasonable clearance between the work of various trades shall be maintained. The layout for openings and chases through walls, floors, and partitions, etc., shall be arranged in advance of the actual construction and the work carried out without unnecessary and superfluous cutting, etc., after the Work has been completed.

4.3.13 Dimensions shall be verified by the measurements of the buildings and the property, and the Contractor shall be responsible for all of his work fitting in place in a satisfactory and workmanlike manner.

4.3.14 The Contractor has carefully examined, in detail, all of the Drawings and Specifications and the time established for completion of the Work, and he accepts them as adequate to meet the requirements specified.

4.3.15 The Contractor shall be responsible for coordinating the work performed by any artist in connection with the project's ornamentation with the construction of this project, so that there shall be no unnecessary delay or interference in connection with said construction.

4.3.16 The Contractor shall coordinate and generally supervise the Work of this Contract and shall coordinate his Work with Work performed under Separate Contracts by mutual arrangement and agreement with the Contractors for those Contracts and the Project Manager. Unresolved disputes will be finally resolved by the Project Manager, subject to approval of the Owner, and the dispute resolution provisions of Subparagraph 12.5.

4.4 LABOR AND MATERIALS

4.4.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the execution and completion of the Work in accordance with the Contract Documents, and any applicable building permit, conditional and final certificate(s) of occupancy, code or statute, whether specifically required by the Contract Documents or whether their provision may reasonably be inferred as necessary to produce the intended results, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

4.4.2 The Contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the Work any unfit person or anyone not skilled in the task assigned to him. The Project Manager may, by notice in writing, require the Contractor to promptly remove from the site of the Work any employee or worker the Project Manager deems incompetent, careless or otherwise objectionable including violation of District Policies relating to alcohol, illegal drugs, or firearms on District property.

4.4.3 The Contractor shall be responsible for ensuring that the Work is completed in a skillful and workmanlike manner.

4.5 WARRANTY

4.5.1 The Contractor warrants to the Owner and the Architect that all materials and equipment furnished under this Contract will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All Work not conforming to these requirements, including substitutions not properly approved and authorized, is defective. If required by the Project Manager or the Architect, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. This warranty is not limited by the provisions of Paragraph 13.2.

4.5.2 The warranties set forth in this Paragraph 4.5 and elsewhere in the Contract Documents shall survive final acceptance under Paragraph 9.9.

4.6 TAXES

4.6.1 The Contractor shall pay all sales, consumer, use and other similar taxes for the Work or portions thereof provided by the Contractor which are legally enacted at the time bids are received, whether or not yet effective.

4.7 PERMITS, FEES AND NOTICES

4.7.1 Except as specifically provided in Subparagraph 3.3.13 the Contractor shall secure and pay for (1) all permits and governmental fees, licenses and inspections necessary for the proper execution of the Work which are legally required at the time the bids are received, and (2) all permits and governmental fees, licenses and inspections from any agency or department of the Municipality of Anchorage that would be necessary for the proper execution of the Work or legally required at the time bids are received just as if the Work were performed and the Project located within the Municipality of Anchorage. The Municipality of Anchorage shall be considered a “public authority bearing on the performance of the Work” and a “public authority having jurisdiction” for purposes of this Contract.

4.7.1.1 The Anchorage School District has paid for the Municipality of Anchorage’s Building Plan Review and Building Fee Permit. Contractor shall obtain permit upon notice from Project Manager.

4.7.2 The Contractor shall give all notices and comply with all such laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the Work.

4.7.3 If the Contractor performs any Work knowing it to be contrary to any such laws, ordinances, rules, regulations or orders of any public authority bearing on the performance of the Work, and does so without reasonable notice to the Project Manager, the Contractor shall assume full responsibility therefore and shall bear all costs attributable thereto.

4.7.4 Notification, coordination and completion of the installation of all required utilities, whether temporary or permanent, is the sole responsibility of the Contractor. The Owner shall not be responsible for any damage or delay caused by any party’s inability to perform installations in the time frame desired by the Contractor.

4.8 ALLOWANCES

4.8.1 The Contractor shall include in the Contract Sum all allowances stated in the Contract Documents. Items covered by these allowances shall be supplied for such amounts and by such persons as the Owner may direct, but the Contractor will not be required to employ persons against whom he makes a reasonable objection.

4.8.2 Unless otherwise provided in the Contract Documents:

4.8.2.1 These allowances shall cover the cost to the Contractor, less any applicable trade discount, of the materials and equipment required by the allowance delivered at the site, and all applicable taxes;

4.8.2.2 The Contractor's costs for unloading and handling on the site, labor, installation costs, overhead, profit and other expenses contemplated for the original allowance shall be included in the Contract Sum and not in the allowances;

4.8.2.3 Whenever the cost is more than or less than the allowance, the Contract Sum shall be adjusted accordingly by Change Order, the amount of which will recognize changes, if any, in handling costs on the site, labor, installation costs, overhead, profit and other expenses.

4.9 SUPERINTENDENT

4.9.1 The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance full-time at the Project Site during the progress of the Work. The superintendent shall represent the Contractor, and all communications given to the superintendent shall be as binding as if given to the Contractor. If requested by the Project Manager, the Contractor shall provide a management chart and a list of personnel in a number stipulated by the Project Manager which shall comprise the superintending staff. In such event, all references to the superintendent elsewhere in the Contract Documents shall mean the superintending staff.

4.9.2 The superintendent shall be in attendance at the Project Site not less than eight (8) hours per day, five (5) days per week, unless the job is closed down due to a general strike or conditions beyond the control of the Contractor or until termination of the Contract in accordance with the Contract Documents. The superintendent shall not be employed on any other project during the course of the Work.

4.9.3 In the event any of the following conditions shall exist, the Contractor shall require that his superintendent be at the Project Site not less than ten (10) hours per day, six (6) days per week:

4.9.3.1 Should Substantial Completion not be accomplished on schedule.

4.9.3.2 Should Final Completion not be accomplished on schedule.

4.9.3.3 Should the Contractor's progress schedule indicate the Contractor to be fourteen (14) or more days behind schedule at any time during construction up until thirty (30) days prior to scheduled Substantial Completion.

4.9.3.4 Should the Contractor's progress schedule indicate the Contractor to be seven (7) or more days behind schedule at any time during the last thirty (30) days prior to scheduled Substantial Completion.

4.10 CONSTRUCTION SCHEDULE

4.10.1 The Contractor shall prepare and submit to the Project Manager for the Owner's review and acceptance a construction schedule pursuant to and in accordance with Division 1, Section 01311 of the General Requirements entitled "Project Schedule."

4.11 DOCUMENTS AND SAMPLES AT THE SITE

4.11.1 The Contractor shall maintain at the site for the Owner one record copy of all Drawings, Specifications, Addenda, Change Orders and other Modifications, in good order and marked currently to record all changes made during construction, and approved Shop Drawings, Product Data and Samples. These shall be available to the Project Manager and the Architect and shall be delivered to the Project Manager upon substantial completion of the Work.

4.12 SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

4.12.1 Shop Drawings are drawings, diagrams, schedules and other data specially prepared for the Work by the Contractor or any Subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

4.12.2 Product Data are illustrations, standard schedules, performance charts, instructions, diagrams, and other information furnished by the Contractor to illustrate a material, product or system for some portion of the Work.

4.12.3 Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

4.12.4 The Contractor shall review, approve and submit using the ASD Procore Construction Management Program, with reasonable promptness and in such sequence as to cause no delay in the Work or in the work of the Owner or any separate contractor, all Shop Drawings, Product Data and Samples required by the Contract Documents, or subsequently by the Project Manager. The Contractor's Shop Drawings, Product Data, and Samples submissions shall be coordinated and consistent with the Contractor's Project Scheduling obligations under Division 1, Section 01311 of the Contract Documents. Shop Drawings and Samples shall be properly identified as specified, or as the Project Manager may require. At the time of submission, the Contractor shall inform the Architect in writing of any deviation in the Shop Drawings or Samples from the requirements of the Contract Documents.

4.12.5 By approving and submitting Shop Drawings, Product Data and Samples, the Contractor represents that he has determined and verified all materials, field measurements, and field construction criteria related thereto, and that he has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents. The Contractor shall adhere to any supplementary processing and scheduling instruction pertaining to Shop Drawings which may be issued by the Project Manager.

4.12.6 The Contractor shall not be relieved of responsibility for any deviation from the requirements of the Contract Documents by the Architect's approval and Project Manager's review of Shop Drawings, Product Data or Samples under Subparagraph 2.2.14 unless the Contractor has specifically informed the Architect and Project Manager in writing of such deviation at the time of submission and the Architect and Project Manager have given written approval to the specific deviation. The Contractor shall not be relieved from responsibility for errors or omission in the Shop Drawings, Product Data or Samples by the Architect's approval of or Project Manager's review thereof.

4.12.7 The Contractor shall promptly make corrections required by the Architect and shall resubmit the required number of corrected copies of Shop Drawings or new Product Data or Samples. The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data or Samples, to revisions other than those requested by the

Architect on previous submittals. Resubmittals necessitated by required corrections due to Contractor's errors or omissions, or less than complete submittals as required by the specifications, shall not be cause for extension of Contract Time.

4.12.8 The Contractor shall keep on the job at all times copies of approved Shop Drawings, Product Data or Samples which bear the review stamp of the Architect/Engineer.

4.12.9 The review of Shop Drawings, Product Data or Samples by the Architect and Project Manager shall not relieve the Contractor from his responsibility to coordinate the work of the Subcontractors.

4.12.10 The review of Shop Drawings, Product Data or Samples by the Architect and the Project Manager shall not relieve the Contractor of his responsibilities to construct the work in accordance with the Contract Documents.

4.12.11 The review of Shop Drawings, Product Data or Samples by the Architect shall not be construed as an approval of the quantities of materials or confirmation of dimensions.

4.12.12 In preparing a schedule for delivery of materials the Contractor shall allow reasonable time for the approval, including resubmissions due to Contractor's errors and omissions, of Shop Drawings, Product Data or Samples.

4.12.13 When Shop Drawings, Cuts, or Brochures are forwarded to the Architect by the Contractor for approval, a copy of the Contractor's letter of transmittal with project name, Contractor's name, number of drawings, title and other pertinent data covering each transaction is to be mailed to the Project Manager. The Architect and his consulting Engineers shall follow the same procedure when it is necessary for them to return or transfer Shop Drawings, Cuts or Brochures either between themselves or to the Contractor for changes, corrections or resubmittal, so that the Project Manager can record and follow procedure for each transaction to finality.

4.12.13.1 Pursuant to and consistent with the Contractor's Project Schedule development obligations under Division 1, Section 01311 of the Contract Documents, the Contractor shall submit Shop Drawings, Product Data and Sample submission schedule information to the Architect and Project Manager. The Contractor shall submit, and the Architect and Project Manager will review, the Contractor's submittals in accordance with the Contractor's accepted Preliminary and Detailed Project Schedules, as required under Division 1, Section 01311 of the Contract Documents. The Contractor shall submit no Shop Drawings, Product Data or Samples which do not comply with the Contract Documents.

4.12.13.2 No portion of the Work requiring a Shop Drawing, Product Data or Sample submission shall be commenced until such submission has been reviewed, and approved, by the Architect in accordance with Subparagraph 2.2.13. All such portions of the Work shall be in accordance with approved submittals.

4.12.13.3 No claim for delay shall be allowed the Contractor on account of failure of the Architect to furnish drawings or approval of Shop Drawings and Samples until at least twenty-one (21) days after submission to the Architect.

4.12.14 Shop Drawings, Product Data, and Samples shall be dated and shall bear the name of the Project; a description or the names of equipment, materials and items; and complete identification of locations at which materials or equipment are to be installed.

4.12.15 In submitting for approval the use of any material or device as the equal of some other material or device specified by name, the Contractor shall submit a sample of the material specified and also a sample of the material proposed to be submitted as the equal thereof, together with any supporting data necessary to reasonably allow the Architect and the Project Manager to review the material.

4.12.16 In case of devices, samples of which cannot readily be submitted, catalogs and other data, shall be submitted.

4.12.17 Any material or device proposed to be substituted shall not be deemed acceptable except by written communication from the Architect and Project Manager.

4.12.18 All Work for which samples are required to be submitted and approved shall be executed and performed in conformity with the said approved samples.

4.13 USE OF SITE

4.13.1 The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents and shall not unreasonably encumber the building or site with any materials or equipment.

4.13.2 The Contractor shall coordinate all of his operations with and secure approval from the Project Manager before using any portion of the site.

4.13.3 All Work or materials of every description subject to injury during the course of the Work shall be fully protected from damage from any source. In any event, should any Work or materials under this Contract, become damaged in any way or manner the Contractor shall repair and perfect the same at his own expense, and when the entire Contract is completed, the building and premises shall be delivered to the Owner without defects. Any damage which may be caused by the installation of any portion of the Work covered by these specifications and conditions, or by the Contractor shall be satisfactorily made good and repaired by the Contractor without cost to the Owner.

4.13.4 The Contractor shall provide and maintain all lights, footways, guards, fences, gates, etc., for the proper protection of the public, and shall comply with all municipal rules, regulations, ordinances and laws, relating to the prosecution of his work.

4.13.5 The Contractor shall properly and carefully shore up or otherwise support all live water, sewer and gas pipes, electric wires, free-standing walls, conduit, etc., which may be encountered.

4.13.6 The Contractor shall furnish for his use, throughout the entire construction all scaffolding, ladders, decking or runways as needed to perform the Work under this Contract.

4.13.7 The Contractor shall construct elevators, cranes and other rigging, concrete lifts, etc., as required for his Work.

4.13.8 All such construction shall be carried out as required by the code or authority having jurisdiction. No cranes or other heavy equipment shall be located or moved in such manner as to damage or strain the framework or any part(s) of the proposed building and/or existing building.

4.13.9 As construction proceeds, the Project Manager may deem it necessary to have the Contractor move trailers, fences, stored materials, etc., to facilitate the construction. Upon written notice from the Project Manager, this will be done without additional cost to the

Owner.

4.13.10 When school is in session the Contractor will be restricted to the areas which do not interfere with school operations. These areas shall be safety and security fenced to not impact school operations. Additional areas may be utilized upon concurrence of the Project Manager. The Contractor shall minimize his impact on the educational program while his work is in progress. Workers must stay out of school while school is in session. All work in the existing school can only take place during the hours approved by the Project Manager

4.13.11 The Contractor must maintain interior building fire exits through the construction areas and maintain these exits during all school operation hours, to the satisfaction of the Authorities having Jurisdiction. These exit routes may not be modified without concurrence of the Project Manager and the School Principal.

4.13.12 The Contractor must maintain fire equipment access routes open to site and buildings. According to UFC 10.502 fire equipment access and water supplies shall be installed and made serviceable prior to and during the time of construction. This is the Contractor's responsibility to coordinate.

4.13.13 The Contractor shall keep the boilers operational while the average outside temperature is below 60° F while the school program is in operation or at any time temperature is below 40° F, to protect facility utility systems.

4.14 CUTTING AND PATCHING OF WORK

4.14.1 The Contractor shall be responsible for all cutting, fitting or patching that may be required to complete the Work or to make its several parts fit together properly.

4.14.2 The Contractor shall not damage or endanger any portion of the Work or the work of the Owner or any separate contractors by cutting, patching or otherwise altering any work, or by excavation. The Contractor shall not cut or otherwise alter the work of the Owner or any separate Contractor except with the written consent of the Owner and of such separate Contractor. The Contractor shall not unreasonably withhold, from the Owner, or any separate contractor his consent to cutting or otherwise altering the Work.

4.14.3 Existing structures and facilities including but not limited to building, utilities, topography, streets, curbs, walks, etc., that are damaged or removed due to required excavations or other construction work, shall be patched, repaired or replaced by the Contractor to the satisfaction of the Project Manager, the owner of such structures and facilities, and authorities having jurisdiction. In event the local jurisdictional authorities require that such repairing and patching be done with their own labor and materials, the Contractor shall abide by such regulations and pay for such work.

4.14.4 Whenever, for the convenience of work, an oversized opening has been provided, it shall be the responsibility of the Contractor requesting and requiring such opening to eventually fill unused portions of such openings with the appropriate material and with special attention to penetrations of firewalls. Such repair shall be in accordance with Paragraph 4.14.1.

4.15 CLEANING UP

4.15.1 The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by his operations. At the completion of the Work he shall remove all his waste materials and rubbish from and about the Project as well as all his

tools, construction equipment, machinery and surplus materials.

4.15.2 If the Contractor fails to clean up during or at the substantial or final completion of his Work, the Owner may do so as provided in Paragraph 6.3 and the costs thereof shall be charged to the Contractor.

4.16 COMMUNICATIONS

4.16.1 The Contractor shall forward all communications to the Architect or the Owner through the Project Manager, except as described under Paragraph 4.12.13.

4.17 ROYALTIES AND PATENTS

4.17.1 The Contractor shall pay all royalties and license fees. He shall defend all suits or claims for infringement of any patent rights and shall save the Owner harmless from loss on account thereof, except that the Owner shall be responsible for all such loss when a particular design, process or the product of a particular manufacturer or manufacturers is specified, but if the Contractor has reason to believe that the design, process or product specified is an infringement of a patent, he shall be responsible for such loss unless he promptly gives such information to the Project Manager.

4.18 INDEMNIFICATION

4.18.1 To the fullest extent permitted by law, the Contractor shall, at his sole cost and expense, indemnify, hold harmless and defend the Owner, the Municipality of Anchorage and their Board or Assembly members, administrators, representatives, and employees, and the Project Architect and its agents, representatives, and employees from and against all claims, actions, judgments, costs, liabilities, penalties, damages, losses and expenses, including but not limited to attorneys' fees, which arise out of or result from the performance of the Work, and which are:

4.18.1.1 Attributable to bodily injury, sickness, disease or death, or to injury to, pollution of, or destruction of property (other than the Work itself) including the loss of use resulting therefrom; and

4.18.1.2 Caused by the default of the Contractor, or by any act, whether negligent or wrongful, or omission of the Contractor, any Subcontractor, Material Supplier or Vendor, anyone directly or indirectly employed by any of them or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable.

4.18.2 In any and all claims against the Owner or the Municipality of Anchorage or their Board or Assembly members, administrators, representatives or employees, and the Project Architect and its agents, representatives, and employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Paragraph 4.18 shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor and Subcontractor under worker's compensation acts, disability benefit acts or other employee benefit acts.

4.19 PERSONS AUTHORIZED TO SIGN DOCUMENTS

4.19.1 The Contractor, within five (5) days after the Notice to Proceed shall file with the Project Manager a list of all persons who are authorized to sign documents such as contracts,

modifications, schedules, certificates, and affidavits on behalf of the Contractor and to fully bind the Contractor to all the Conditions and provisions of such documents, except that in the case of a corporation he shall file with the Project Manager a certified copy of a resolution of the Board of Directors of the corporation in which are listed the names and titles of corporation personnel who are authorized to sign documents on behalf of the corporation and to fully bind the corporation to all the conditions and provisions of such documents. This person, or at least one of these persons, shall be available to meet in Anchorage, Alaska, with the Owner or his representative(s) to discuss, negotiate and/or resolve any Change Order or other Modification to the Contract or any other matter needing resolution by the parties as determined at the sole discretion of the Owner within forty-eight (48) hours after receipt of written notice, at no additional cost to the Owner.

4.20 CONDITIONS AFFECTING THE WORK

4.20.1 The Contractor shall be responsible for taking all steps necessary to ascertain the nature and location of the Work and the general and local conditions which can affect the Work or the cost thereof. Failure by the Contractor to fully acquaint himself with conditions which may affect the Work, including, but not limited to conditions relating to transportation, handling, storage of materials, availability of labor, water, roads, weather, topographic and subsurface conditions, multi-prime contract conditions, applicable provisions of law, and the character and availability of equipment and facilities needed prior to and during the execution of the Work, shall not relieve the Contractor of his responsibilities under the Contract Documents and shall not constitute a basis for an adjustment in the Contract Sum or the Contract Time under any circumstances. The Owner assumes no responsibility for any understanding or representation about conditions affecting the Work made by any of his officers, employees, representatives, or agents prior to the execution of the Contract, unless such understandings or representations are expressly stated in the Contract Documents.

4.20.2 Until final acceptance by the Owner, the Contractor shall be in complete control of and fully responsible for the Work.

4.20.3 The Contractor shall give to the proper authorities all required notices relating to the Work in his charge, and shall be responsible for all acts and events which are violations of the law or which would be violations of the law had the Work been performed or the Project located within the Municipality of Anchorage.

4.20.4 Wherever herein mention is made of any article, material or workmanship to be in accordance with the laws, ordinances, building code, Underwriter’s Code, and A.S.T.M. Specifications or similar expressions, the requirement of these laws, ordinances, etc., shall be construed as the minimum requirements of these Specifications, and all articles, materials and workmanship required by these laws, ordinances, etc., shall be provided by the Contractor without any additional cost to the Owner.

4.20.5 Where the requirements of the laws, ordinances, etc., are mandatory, they shall govern.

4.20.6 Where the requirements of the Specifications call for higher grade or are not in conflict with the laws, ordinances, etc., the Specifications shall govern.

4.20.7 In case of any apparent conflict between the Specifications and such laws, ordinances, etc., the Contractor shall immediately call the attention of the Project Manager (in writing) to such conflict for decision, before proceeding with any work which may involve such conflict.

END OF ARTICLE 4

ARTICLE 5

SUBCONTRACTORS

5.1 DEFINITION

5.1.1 A Subcontractor is a person, organization or entity who has a direct contract with the Contractor to perform any of the Work. The term Subcontractor is referred to throughout the Contract Documents as if singular in number and masculine in gender and means a Subcontractor or his authorized representative. The term Subcontractor does not include any separate contractor or his subcontractors.

5.1.2 A Sub-subcontractor is a person or entity who has a direct or indirect contract with a Subcontractor to perform any of the Work. The term Sub-subcontractor is referred to throughout the Contract Documents as if singular in number and masculine in gender and means a Sub-subcontractor or an authorized representative thereof.

5.1.3 Nothing contained in the Contract Documents is intended to, nor shall it create, any contractual relationship between the Owner, the Project Manager, the Architect, or any of their agents, employees, or representatives and any Subcontractor or Sub-subcontractor.

5.2 AWARD OF SUBCONTRACTS AND OTHER CONTRACTS FOR PORTIONS OF THE WORK

5.2.1 The Contractor, in compliance with the requirements of the Contract Documents, shall furnish to the Project Manager in writing the names of the persons or entities (including those who are to furnish materials or equipment fabricated to a special design) proposed for each of the principal portions of the Work. The Project Manager will within ten (10) days of receipt of such information reply to the Contractor in writing stating whether or not the Owner, after due investigation, has reasonable objection to any such proposed person or entity. Failure of the Project Manager to reply within a reasonable time shall constitute notice of no reasonable objection. The Contractor understands and agrees that no contractual agreement exists for any part of the Work under this Contract between the Owner and any of the Contractor's Subcontractors or Sub-subcontractors. Further, the Contractor understands and agrees that he alone is responsible to the Owner for all of the Work under this Contract and that any review of Subcontractors or Sub-subcontractors by the Owner or Project Manager will not in any way make the Owner responsible to any Subcontractor or Sub-subcontractor, nor responsible for the actions or failures of any Subcontractor or Sub-subcontractor.

5.2.1.1 Within ten (10) days after the Notice to Proceed, the Contractor shall furnish to the Project Manager, in writing, for acceptance by the Owner, a list of names of the Subcontractors, Sub-subcontractors, and Material Suppliers and Vendors, proposed for the principal portions of the Work.

5.2.1.2 Within thirty-five (35) days after Notice to Proceed, the Contractor shall submit to the Project Manager, copies of Purchase Orders or other satisfactory evidence of purchase for all major materials.

5.2.2 The Contractor shall not contract with any such proposed person or entity to whom the Project Manager has made reasonable objection under the provisions of this Subparagraph.

5.2.2.1 The Contractor shall not be required to contract with anyone to whom he has a reasonable objection. There shall be no entitlement to additional compensation based upon the Project Manager's reasonable objection made

under this Section.

5.2.3 If the Project Manager has reasonable objection to any such proposed person or entity, the Contractor shall submit a substitute to whom the Project Manager has no reasonable objection.

5.2.4 The Contractor shall make no substitution for any Subcontractor, person or entity previously selected if the Project Manager makes reasonable objection to such substitution.

5.2.5 During the course of the Project the Contractor must notify the Project Manager in writing regarding any changes in any Work by any Subcontractor, Sub-subcontractor, Material Supplier or Vendor.

5.3 SUBCONTRACTUAL RELATIONS

5.3.1 By an appropriate agreement, written where legally required for validity, the Contractor shall require each Subcontractor, to the extent of the Work to be performed by the Subcontractor, to be bound to the Contractor by the terms of the Contract Documents, and to assume toward the Contractor all the obligations and responsibilities which the Contractor, by these Documents, assumes toward the Owner. Said agreement shall preserve and protect the rights of the Owner under the Contract Documents with respect to the Work to be performed by the Subcontractor so that the subcontracting thereof will not prejudice such rights, and shall allow to the Subcontractor, unless specifically provided otherwise in the Contractor-Subcontractor agreement, the benefit of all rights, remedies and redress against the Contractor that the Contractor, by these Documents, has against the Owner. Where appropriate, the Contractor shall require each Subcontractor to enter into similar agreements with his Sub-subcontractors. The Contractor shall make available to each proposed Subcontractor, prior to the execution of the Subcontract, copies of the Contract Documents to which the Subcontractor will be bound by this Paragraph 5.3, and identify to the Subcontractor any terms and conditions of the proposed Subcontract which may be at variance with the Contract Documents. Each Subcontractor shall similarly make copies of such Documents available to his Sub-subcontractors, Material Suppliers or Vendors.

5.3.2 In addition to Sub-Contractual agreement in Paragraph 5.3.1, the Contractor shall allow the Subcontractor, Sub-subcontractor, Material Supplier or Vendor to notify the Project Manager due to failure of payment, unwarranted retainage or deductions of payment or unwarranted lateness of payment.

5.3.3 As a condition precedent to the acceptance of the Contractor’s proposed Preliminary and Detailed Project Schedules by the Project Manager, each major Subcontractor shall in writing, with the submission of said schedules by the Contractor, confirm that they have reviewed the Contractor’s proposed Project Schedules, and that each concurs with the activity breakdowns, durations, cost loading, and logic as relates to each major Subcontractor’s scope of the Work and the incorporation of said Work into the Contractor’s proposed Preliminary and Detailed Project Schedules, as prescribed under Division 1, Section 01311 of the General Requirements of the contract documents.

5.4 PREPARATORY WORK

5.4.1 Before starting work, the responsible Subcontractor shall carefully examine all preparatory Work that has been executed to receive his Work. He shall check carefully, by whatever means are required, to ensure that his work and adjacent related Work will finish to proper contours, planes, and levels. He shall promptly notify the Contractor and the Project

Manager of any defects or imperfections in preparatory Work which will, in any way, affect satisfactory completion of his Work. Absence of such notification will be construed as an acceptance of preparatory work and later claims of defects therein will not be recognized.

5.4.2 Each Subcontractor is required to follow the provisions of 4.3.4 relating to asbestos abatement.

5.5 PAYMENTS TO SUBCONTRACTORS, SUB-SUBCONTRACTORS, AND MATERIAL SUPPLIERS AND VENDORS

5.5.1 If the Project Manager withholds a Certificate for Payment for any cause which is the fault of the Contractor and not the fault of a particular Subcontractor, Sub-subcontractor, and Material Supplier and Vendor, the Contractor shall pay that Subcontractor, Sub-subcontractor, Material Supplier and Vendor on demand, made at any time after the Certificate for Payment should otherwise have been issued, for his work to the extent completed, less any retained percentage.

5.5.2 The Contractor shall pay each Subcontractor, Sub-subcontractor, and Material Supplier and Vendor a just share of any insurance monies received by the Contractor, and he shall require each Subcontractor to make similar payments.

END OF ARTICLE 5

ARTICLE 6

WORK BY OWNER OR BY SEPARATE CONTRACTORS

6.1 OWNER'S RIGHT TO PERFORM WORK AND TO AWARD SEPARATE CONTRACTS

6.1.1 The Owner reserves the right to perform work related to the Project with his own forces, and to award separate contracts in connection with other portions of the Project or other work on the site under these or similar Conditions of the Contract.

6.1.2 When separate contracts are awarded for different portions of the Project or other work on the site, the term Contractor in the Contract Documents in each case shall mean the Contractor who executes each separate Owner-Contractor Agreement.

6.1.3 Upon transfer of such separate contracts to a General Contractor, if the Owner so desires to transfer such contracts, the Contractor shall be obligated to the conditions as outlined by Paragraph 6.3. of these Conditions.

6.2 MUTUAL RESPONSIBILITY

6.2.1 The Contractor shall afford the Owner and separate Contractors reasonable opportunity for the introduction and storage of their materials and equipment and the execution of their Work, and shall connect and coordinate his Work with theirs as required by the Contract Documents.

6.2.2 If any part of the Contractor's Work depends for proper execution or results upon the Work of the Owner or any separate contractor, the Contractor shall, prior to proceeding with the Work, promptly report to the Owner any apparent discrepancies or defects in such other work that render it unsuitable for such proper execution and results. Failure of the Contractor to so inspect and report in writing to the Owner shall constitute an acceptance of the Owner's or separate contractors' work as fit and proper to receive his Work, except as to defects which may subsequently become apparent in such work by others.

6.2.2.1 In addition to inspection as to defect, the Contractor, if so deemed necessary by the Contractor, shall measure or inventory work already in place or stored and shall at once report, in writing, to the Project Manager any conflicts between the executed Work and the Contract Documents the Contractor has signed his name thereto.

6.2.2.2 Upon notification from the Owner that a part of the Work furnished under this Contract is not in accordance with the Contract Documents, the Contractor shall immediately initiate action to correct the Work.

6.2.2.3 If the Contractor fails to install his Work in a timely manner, the Owner through the Project Manager may authorize other Contractor(s) to perform their Work out of proper sequence. All extra Work necessary to properly interface with the other Contractor(s)' Work will be accomplished by this Contractor at no additional cost to the Owner.

6.2.3 Any costs caused by defective or ill-timed work shall be borne by the Contractor.

6.2.4 Should the Contractor wrongfully cause damage to the Work or property of the Owner, or to other Work on the site, the Contractor shall promptly remedy such damage as provided in Subparagraph 10.2.5.

6.2.5 Should the Contractor wrongfully cause damage to the work or property of any separate contractor, the Contractor shall upon due notice promptly attempt to settle with such other Contractor by agreement; or otherwise to resolve the dispute. If such separate Contractor sues or initiates a proceeding against the Owner, the Project Manager and/or the Architect on account of any damage alleged to have been caused by the Contractor, the Owner shall notify the Contractor who shall defend such proceedings at his own expense, and if any judgment or award against the Owner, the Project Manager, and/or the Architect arises therefrom the Contractor shall pay or satisfy it and shall reimburse the Owner, the Project Manager and/or the Architect for all attorneys' fees and court or other costs which the Owner, the Project Manager and/or the Architect have incurred.

6.2.6 In the event there is more than one contractor engaged on the Project, each such contractor shall be responsible to the other for damages to work, injury to any person or persons, or for any loss, cost, claims, or damages arising out of or in connection with the Work required by this Contract or any loss, cost, expense, or damage caused by the Contractor's neglect or failure to finish or satisfactorily complete his part of the Work within the time prescribed. In all events, the provisions of Paragraph 4.18 shall be applicable.

6.2.7 Whenever the Contractor receives items from another Contractor or from the Owner for storage, erection or installation, the Contractor receiving such items shall give receipt for items delivered, and thereafter will be held responsible for care, storage and any necessary replacing of item or items received.

6.2.8 The separate contractors shall establish and maintain communication throughout the course of their Work to assure maximum coordination of the Work performed by each. This includes the approvals of the Work of each as required by proper coordination.

6.3 OWNER'S RIGHT TO PERFORM DISPUTED WORK

6.3.1 If a dispute arises between the Contractor and separate contractors as to their responsibility for cleaning up as required by Paragraph 4.15 or for accomplishing coordination or doing required cutting, filling, excavating or patching as required by Paragraph 4.14, the Owner may carry out such Work and charge the cost thereof to the contractors responsible therefor as the Owner shall determine to be just.

6.4 EQUIPMENT OR WORK NOT IN CONTRACT (NIC)

6.4.1 When certain items of equipment and other work are indicated as "NIC" (Not In Contract), or to be furnished and installed under other contracts, any requirements for preparation of openings, provision of backing, etc., for receipt of such "NIC" work, information will be furnished upon written request of the Contractor who shall properly form and otherwise prepare his Work in a satisfactory manner to receive such "NIC" work.

6.5 CUTTING AND PATCHING UNDER SEPARATE CONTRACTS

6.5.1 Each Contractor shall be responsible for any cutting, fitting and patching that may be required to complete his Work except as otherwise provided in the Contract Documents. The Contractor shall not endanger any human life or portion of the Work performing any cutting, excavating or otherwise altering the Work or any part thereof.

END OF ARTICLE 6

ARTICLE 7

MISCELLANEOUS PROVISIONS

7.1 GOVERNING LAW

7.1.1 Unless otherwise provided in the Contract Documents, the Contract shall be governed by the law of the place where the Project is located.

7.2 SUCCESSORS AND ASSIGNS

7.2.1 The Owner and the Contractor each binds himself, his partners, successors, assigns and legal representatives to the other party hereto and to the partners, successors, assigns and legal representatives of such other party in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contractor shall not assign the Contract or sublet it as a whole without the written consent of the Owner, nor shall the Contractor assign any monies due or to become due to him hereunder, without the previous written consent of the Owner.

7.3 WRITTEN NOTICE

7.3.1 Written notice shall be deemed to have been duly served if delivered in person to the individual or member of the firm or entity or to an officer of the corporation for whom it was intended, or if delivered at or sent by registered or certified mail to the last business address known to him who gives the notice.

7.4 CLAIMS FOR DAMAGES

7.4.1 Should the Contractor suffer injury or damage to person or property because of any act or omission of the Owner or of any of his employees, agents or others for whose acts he is legally liable, claim shall be made in writing to the Owner, through the Project Manager, within twenty (20) days after the first observance of such injury or damage; otherwise, the Contractor shall have waived any and all rights he may have against the Owner, the Project Manager, the Architect, or their employees, representatives or agents.

7.4.2 Decisions of the Project Manager shall be rendered as provided for under the Contract Documents, but no decision of the Project Manager shall deprive the Owner or the Contractor of any form of redress which may be available under the laws of the State. Any decision of the Project Manager shall be final and binding on the Contractor in the absence of written notice of protest from the Contractor received by the Owner by registered mail, within fifteen (15) days of the date of the decision of the Project Manager. The Owner shall have sixty (60) days from the date of receipt of a formal protest within which to investigate and make reply.

7.5 PERFORMANCE BOND AND PAYMENT BOND

7.5.1 Prior to the execution of the Contract, the Contractor shall furnish to the Owner, on forms acceptable to the Owner, surety bonds in the amounts and for the purposes provided in this Paragraph 7.5. Each bond must be signed by both the Contractor and the Surety. The current power of attorney for the person who signs for the surety company, indicating the monetary limit of such powers, must be attached to the bonds. The Contractor shall pay all premiums and cost thereof and incidental thereto. Such bonds shall be made payable to the Owner. The surety (or sureties) shall be corporate surety(ies) licensed to transact business in Alaska and acceptable to the Owner. Each bond shall be in an amount equal to the Contract Sum. The effective date of the bond shall be on the execution date of the

contract.

7.5.2 The “Performance Bond” shall be so conditioned as to assure the faithful performance by the Contractor of all Work under said Contract, within the time limits prescribed, including any maintenance provisions, in a manner that is satisfactory and acceptable to the Owner; that all materials and workmanship supplied by him will be free from original or developed defects; and that should original or developed defects or failures appear within a period of one year from the date of final acceptance of the Work by the Owner, the Contractor shall, at his own expense, make good such defects and failures and make all replacements and adjustments required, within a reasonable time after being notified by the Owner to do so. This bond shall be maintained by the Contractor in full force and effect during the performance of the Work of the Contractor and for a period of two (2) years after the date of final acceptance of the Work by the Owner.

7.5.3 The “Payment Bond” shall be so conditioned as to inure to the benefit of persons furnishing materials for or performing labor upon the Work. This bond shall be maintained by the Contractor in full force and effect until the Work is completed and finally accepted by the Owner, and until all claims for materials, labor and subcontracts are paid.

7.5.4 Should any surety or sureties upon said bonds become insufficient or be disqualified from doing business in Alaska, the Contractor shall renew said bond or bonds with good and sufficient sureties, acceptable to the Owner, within ten (10) work days after receiving notice that the surety or sureties are insufficient and/or disqualified. Should any surety or sureties be deemed unsatisfactory at any time by the Owner, notice will be given the Contractor to that effect, and he shall forthwith substitute a new surety or sureties satisfactory to the Owner. No further payment shall be deemed due or will be made under this Contract until the new sureties shall qualify and be accepted by the Owner.

7.5.5 In the event of any change order resulting in the performance of additional work in connection with the Work, the amounts of such bonds shall be increased by the cost of such additional work or materials or fixtures to be incorporated into the Project.

7.6 RIGHTS AND REMEDIES

7.6.1 The Contractor’s duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law.

7.6.2 Except as may be specifically agreed in writing, the failure of the Owner, the Project Manager, or the Architect to insist in any one or more instances upon the strict performance of any one or more of the provisions of this Contract, or to exercise any right herein contained or provided by law, shall not be construed as a waiver or relinquishment of the performance of such provision or right(s) or of the right to subsequently demand such strict performance or exercise such right(s), and the rights shall continue unchanged and remain in full force and effect.

7.6.3 The Contractor agrees that he can be adequately compensated by money damages for any breach of this Contract which may be committed by the Owner and hereby agrees that no default, act, or omission of the Owner, the Project Manager or the Architect, except for unauthorized failure to make payments as required by the Contract Documents, shall constitute a material breach of the Contract entitling the Contractor to cancel or rescind the provisions of this Contract or (unless the Owner shall so consent or direct in writing) to suspend or abandon performance of all or any part of the Work. The Contractor hereby waives any and all rights and remedies to which he might otherwise be or become entitled, save only his right to money damages.

7.7 TESTS

7.7.1 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any portion of the Work to be inspected, tested, or approved, the Contractor shall give the Architect and Project Manager timely notice, but not less than seventy-two (72) hours, of its readiness so the Architect and the Project Manager may observe such inspection, testing or approval. The Contractor shall bear all costs of such inspections, tests or approvals except as provided in subparagraph 7.7.2. Notification, coordination and execution of all inspections and tests required by the Contract Documents or by the governing building department shall be the sole responsibility of the Contractor. The Owner shall not be responsible for any damage or delay caused by any Party's inability to make required inspections in the time frame desired by the Contractor.

7.7.2 Special Inspection and testing as required in accordance with IBC section 1704 shall be coordinated by the Contractor and the Owner shall bear all costs of Special Inspections or approvals. The Special Inspector, designated by the Owner, shall observe the Work assigned for conformance with the approved design drawings and specifications. The Project Manager may order additional Special Inspections, testing, or approval, as required by the authority having jurisdiction by providing notice to the Contractor. The Contractor shall provide notification and coordination for additional Special Inspections as provided in subparagraph 7.7.1. If such special inspection or testing reveals a failure of the Work to comply (1) with the requirements of the Contract Documents, or (2) with respect to the performance of the Work, with laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction, the Contractor shall bear all costs thereof, including compensation of the Owner's administrative and legal expenses, and for the Architect's, the Project Manager's, and the Special Inspector's additional services made necessary by such failure.

7.7.3 Inspections and Tests required to establish compliance with the Contract Documents, as provided for in the Contract Documents, will be made by a qualified, independent testing agency approved by the Owner. The cost of the services of such agency will be paid by the Contractor, unless otherwise provided in the Contract Documents. When the initial tests indicate non-compliance with the Contract Documents, any subsequent retesting occasioned by non-compliance shall be performed by the same agency and the costs thereof borne by the Contractor. The Contractor shall provide facilities for such access to the Work in order that the agency may properly perform its functions. Representatives of the testing agency shall have access to the Architect, Project Manager, or Owner at all times.

7.7.4 Inspections or testing performed exclusively for the Contractor's convenience shall be the sole cost and responsibility of the Contractor.

7.7.5 The independent testing agency, employed as specified in the Technical portion of these specifications, shall prepare the test reports, logs, and certificates applicable to the specific inspections and tests and shall deliver, immediately or within forty-eight (48) hours, as applicable, the specified number of copies of same to the designated parties. Other required certificates of inspection, testing or approval shall be secured by the Contractor and delivered by him to the Project Manager and the Architect, in such time as to not delay progress of the Work or final payment therefor.

7.7.6 If the Architect, the Project Manager or the Special Inspector is to observe the inspections, tests or approvals required by the Contract Documents, laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction or that are required to establish compliance with the Contract Documents, he will do so promptly and, where

practicable, at the normal place of testing.

7.7.7 Unless otherwise stipulated in the Contract Documents, the Contractor shall pay for all utilities required for testing of installed equipment of all of his Work and work of each Subcontractor furnishing equipment. Labor and supervision required for making such tests shall be provided at no additional cost to the Owner.

7.7.8 Owner may provide Quality Assurance testing. Contractor shall provide knowledgeable support personnel and cooperate fully with Owner's designated representative in conducting all Quality Assurance tests. If project fails tests, Contractor shall make all necessary corrections to meet test criteria and pay the Owner for all costs associated with additional tests.

7.8 ALTERNATES

7.8.1 Alternates may be either additive or deductive.

7.8.2 Alternates, if taken, may be taken in any sequence.

7.8.3 The Contractor shall include in his bid, or bid proposal, a bid for all alternates listed in the Bid Form. These alternates shall include the Contractor's net cost of the labor, materials, overhead and profit, and equipment necessary to perform or delete, the Work as outlined by such alternates.

7.9 UNENFORCEABILITY OF ANY PROVISION

7.9.1 If any provision of the Contract is held as a matter of law to be unenforceable, the remainder of the Contract shall be enforceable without such provision.

7.10 NO WAIVER BY OWNER

7.10.1 The failure of the Owner in any one or more instances to insist upon the strict performance of any of the terms of this Contract or to exercise any option herein conferred, shall not be construed as a waiver or relinquishment to any extent of the right to assert or rely upon such terms or option on any future occasion.

7.11 ASSIGNMENT OF CONTRACT

7.11.1 The Contractor shall not assign the responsibilities of this Contract, either as a whole or in part, nor assign any monies due or to become due to it hereunder, without previous written consent of the Owner.

END OF ARTICLE 7

ARTICLE 8

TIME

8.1 DEFINITIONS

8.1.1 Unless otherwise provided, the Contract Time is the period of time allotted in the Contract Documents for Substantial and Final Completion of the Work as defined in Subparagraph 8.1.3, including authorized adjustments thereto.

8.1.2 The date of execution of the Contract Agreement between the Owner and Contractor shall be subsequent to School Board Approval and the Contractor's satisfactory submittals to the Owner of the Certificate of Insurance, the Performance Bond and the Payment Bond as noted in the Invitation to Bidders. The Owner will issue a Notice to Proceed no later than ten (10) days from execution of the Owner-Contractor Agreement by both Owner and Contractor. The date of commencement of the Work shall be the date established by the Notice to Proceed. The Owner shall not be responsible for any costs incurred by the Contractor prior to the Notice to Proceed.

8.1.3 The Date of Substantial Completion of the Work or designated portion thereof is the Date certified by the Project Manager and Architect when the Work or a designated portion thereof is sufficiently complete, in accordance with the Contract Documents, so the Owner can fully occupy and utilize the Work or designated portion thereof for the use for which it is intended, with all of the Project's parts and systems cleaned and operable as required by the Contract Documents. Only incidental corrective work and any final cleaning beyond that needed for the Owner's full use may remain for Final Completion.

8.1.4 The term day as used in the Contract Documents shall mean calendar day unless otherwise specifically designated. All dates shall mean 12:01 a.m. of the indicated day unless otherwise stipulated.

8.1.5 The term "working day" as may be used in the Contract Documents shall mean any day not otherwise defined herein as a non-working day.

8.1.6 The term non-working day as may be used in the Contract Documents shall mean Sunday, a recognized holiday, a day on which the Contractor is specifically required to suspend construction operations or a day on which a suspension order is in effect. Recognized holidays shall be: New Year's Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, Christmas Eve (half day), and Christmas Day. When any of the above days fall on a Saturday, the preceding Friday shall be counted as a holiday. When any of the above days fall on a Sunday, the following Monday shall be counted as a holiday.

8.1.7 The term "Beneficial Occupancy" is interchangeable with the term Substantial Completion.

8.2 PROGRESS AND COMPLETION

8.2.1 All times stated in the Contract Documents are of the essence of the Contract.

8.2.2 The Contractor shall begin the Work on the date of commencement as defined in Subparagraph 8.1.2. He shall carry the Work forward expeditiously with adequate forces and shall achieve Substantial Completion and Final Completion in accordance with the Project Schedule Milestone Dates set forth under Section 00200 hereof.

8.2.3 Attention is directed to the fact that the Work is urgently needed by the Owner and that time is of the essence; for this reason, it shall be agreed that the Contractor shall

substantially complete all Work under the Contract in accordance with the Project Schedule Milestone Dates set forth under Section 00200 hereof and, that he will complete the contract in all its details for final acceptance as specified after Substantial Completion.

8.3 DELAYS AND EXTENSIONS OF TIME

8.3.1 The Contractor shall be entitled to extensions in the time required for performance of the Work as specifically provided in the Contract. Except as otherwise specifically provided under Paragraph 3.4., 12.1, or 8.3.5, the Contractor shall not be entitled to payment or compensation of any kind from the Owner for direct, indirect, impact or consequential damages, including but not limited to costs of acceleration because of hindrance or delay or loss of labor or equipment efficiency or productivity arising out of any hindrance, interference, obstruction, disruption or delay from any source or cause whatsoever, whether such hindrance, interference, obstruction, disruption or delays be reasonable or unreasonable, foreseeable or unforeseeable, or avoidable or unavoidable.

8.3.2 The Contract Time may be adjusted only for changes pursuant to Paragraph 12.1, suspension of Work pursuant to Paragraph 3.4. and delays pursuant to Subparagraph 8.3.3.

8.3.3 Types of delay shall be defined as follows:

8.3.3.1 Actions or inactions of the Owner, or events for which the Owner has assumed contractual responsibility, which would independently delay the date of Substantial Completion beyond the current contractually established date of Substantial Completion shall be designated as Compensable delays.

8.3.3.2 Events which are outside the control of, and without the fault or negligence of either the Owner or the Contractor, which would independently delay the date of Substantial Completion beyond the current Contract Completion Date shall be designated as Excusable delays, as follows:

8.3.3.2.1 Labor disputes and strikes (including strikes affecting transportation), that do, directly and critically affect the progress of the Work; however, any extension of Contract Time on account of an individual labor strike shall not exceed the number of days of said strike.

8.3.3.2.2 Acts of God, tornado, fire, hurricane, blizzard, earthquake, typhoon, or flood that damage completed work or stored materials.

8.3.3.2.3 The Contract Time will not be extended due to normal inclement weather. Unless the Contractor can substantiate to the satisfaction of the Owner that the weather actually encountered by the Contractor was unusually severe considering the full term of the Contract Time using a ten (10) year average of accumulated record mean values from climatological data compiled by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration for the locale of the Project and that such alleged substantially greater than normal inclement weather actually delayed the Work or portions thereof which had an effect upon the Contract Time, the Contractor shall not be entitled to an extension of time.

8.3.3.2.4 Acts of the public enemy, acts of the state, federal or local government in its sovereign capacity, and acts of another contractor in the performance of a contract with the Owner relating to the Project.

8.3.3.3 Actions or inactions of the Contractor, or events for which the Contractor has assumed contractual responsibility, which would independently delay the date of Substantial Completion beyond the current Contract Completion Date shall be designated as Non-excusable delays.

8.3.3.4 Concurrent delay is any combination of the above three types of delay occurring on a calendar date, except in cases where the combination consists of two or more instances of the same type of delay occurring on a calendar date.

A delay to the Contractor caused by the acts of another contractor under contract to the Owner will be classified as a compensable delay to the extent said delay meets the requirements of compensable delay as set forth under Subparagraph 8.3.3.1. Also, it is the Owner's belief that the definitions of delay as included in this paragraph comply with all applicable law in the State of Alaska.

8.3.4 Any claim for extension of time shall be made in writing to the Project Manager not more than seven (7) calendar days after commencement of the delay; otherwise it shall be waived. The Contractor shall also provide an estimate of the probable effect of such delay on the progress of the Work. In the case of a continuing delay only one claim is necessary. Any event, action, inaction, or other cause which may give rise to a delay shall constitute a basis for adjustment in:

8.3.4.1 Contract Time, only if it can be demonstrated that the date of Substantial Completion will be delayed beyond the current Contract Completion Date and that the delay is classified as only a Compensable, Excusable, or Concurrent Delay. The Contract Time shall be adjusted by Change Order pursuant to the requirements of Paragraph 8.3 and Division 1, Section 01311; or

8.3.4.2 Contract Amount, only if it can be demonstrated that the Contractor's time-related costs to complete the Work will be increased and the delay is classified as only a Compensable Delay. The Contract Sum shall be adjusted by Change Order pursuant to the requirements of Subparagraphs 8.3 and 12.3.

8.3.5 All time limits stated in the Contract Documents are of the essence of this Contract. The failure of the Contractor to complete the Work in conformance with the Contract shall result in damages suffered by the Owner due to delays in completion of the Work.

8.3.5.1 If the Contractor fails to substantially complete the Work in conformance with the Contract Documents and the Owner nevertheless permits the Contractor to continue performance of the Work, such permission shall neither modify nor waive the Owner's right to assess and collect, and the Contractor's obligation to pay liquidated damages.

8.3.5.2 The Owner shall be entitled to claim against the Contractor for any liquidated damages incurred. The Owner cannot anticipate at this time what liquidated damages may occur or what the per diem cost of these damages might be. Determination of liquidated damage details will be a matter of proof should the issue arise.

8.3.5.3 The Owner shall recover said liquidated damages by deducting the amount thereof from any monies due or that may become due the Contractor. In the event the remaining balance due the Contractor is insufficient to cover the full amount of assessed damages, then the Contractor or his Surety shall pay the amount due and the Owner shall be entitled to any and all rights and remedies available to it in law or equity to recover same.

8.4 RESPONSIBILITY FOR COMPLETION

8.4.1 The Contractor shall furnish such manpower, materials, facilities and equipment and shall work such hours, including night shifts, overtime operations and Sundays and holidays, as may be necessary to insure the progress and completion of the Work in accordance with the accepted and currently updated progress schedule. If Work actually in place falls behind the currently updated and accepted progress schedule and it becomes apparent from the current schedule that the Work will not be completed in accordance with the Contract Time, the Contractor agrees that he will, as necessary, take some or all of the following actions at no additional cost to the Owner, as required to substantially eliminate the schedule slippage deficiency:

8.4.1.1 Increase manpower in such quantities and crafts as will substantially eliminate in the opinion of the Project Manager the schedule slippage deficiency;

8.4.1.2 Increase the number of working hours per shift, shifts per working day, working days per week, or the amount of equipment, or any combination of the foregoing sufficiently to substantially eliminate, in the opinion of the Project Manager the schedule slippage deficiency; and,

8.4.1.3 Reschedule activities to achieve maximum practical concurrence of accomplishment of activities.

8.4.2 The Project Manager may require the Contractor to submit a recovery schedule in accordance with Section 01311 of the Specifications, demonstrating his program and proposed plan to make up the slippage in scheduled progress and to ensure completion of the Work in accordance with the requirements of the Contract. If the Project Manager finds the proposed plan not acceptable, he may require the Contractor to submit a new plan. If the actions taken by the Contractor or the second plan proposed are not satisfactory, the Project Manager may require the Contractor to take any of the actions set forth in this Paragraph 8.4 without additional cost to the Owner, to make up the slippage in scheduled progress.

8.4.3 Failure of the Contractor to substantially comply with the requirements of this Paragraph 8.4 may be considered grounds for a determination by the Owner, pursuant to Clause 14.1, that the Contractor is failing to prosecute the Work with sufficient diligence to ensure its in accordance with the Project Milestone Dates set forth under Section 00200 hereof.

END OF ARTICLE 8

ARTICLE 9

PAYMENTS AND COMPLETION

9.1 CONTRACT SUM

9.1.1 The Contract Sum is stated in the Owner-Contractor Agreement and, including authorized adjustments thereto, is the total amount payable by the Owner to the Contractor for the performance of the Work under the Contract Documents.

9.2 SCHEDULE OF VALUES

9.2.1 Before the first Application for Payment, the Contractor shall submit to the Owner, through the Project Manager, a schedule of values allocated to the various portions of the Work, as set forth in Division 1, Section 01370 of the General Requirements entitled “Schedule of Values” and supported by such data to substantiate its accuracy as the Architect, Project Manager and the Owner may require. This schedule, unless objected to by the Architect, Owner, or Project Manager, may be used as a basis for the Contractor’s Applications for Payment except as otherwise noted under Division 1, Section 01311. The Schedule of Values shall be prepared in such a manner that each major item of work and each subcontracted item of work is shown as a single item on the Application and Certificate of Payment.

9.3 APPLICATIONS FOR PAYMENT

9.3.1 Prior to the date for each progress payment established in the Contract Documents, the Contractor, in accordance with Division 1, Section 01311 of the General Requirements entitled “Project Schedule,” shall submit to the Project Manager an itemized Application for Payment, notarized if required, supported by such data substantiating the Contractor’s right to payment as the Project Manager and the Architect may require, and reflecting retainage, if any, as provided elsewhere in the Contract Documents. The form of Application for Payment shall be Anchorage School District Forms 100, 100A, 100B and 100C and the computer-produced Cost Report updated in accordance with Division 1, Section 01311.

9.3.2 If the Project Manager finds that satisfactory progress is not being made, he may require retainage of up to 10% of the total amount earned on all subsequent progress payments. This retainage may be released at such time as the Project Manager finds that satisfactory progress is being made.

9.3.3 Payments may be authorized by the Project Manager at his discretion, on account of materials or equipment not incorporated in the Work but delivered and suitably stored at the site by the Contractor. Payments for materials or equipment stored on the site shall only be considered upon submission by the Contractor of satisfactory evidence that he has acquired title to such material, that it will be utilized on the Work under this Contract and that it is satisfactorily stored, protected, and insured or that other procedures satisfactory to the Project Manager that will protect the Owner’s interests have been taken.

9.3.4 The Contractor warrants that title to all Work, materials and equipment covered by an Application for Payment will pass to the Owner either by incorporation in the construction or upon the receipt of payment by the Contractor, whichever occurs first, free and clear of all liens, claims, security interests or encumbrances, hereinafter referred to in this Article 9 as “liens”; and that no Work, materials or equipment covered by an Application for Payment will have been acquired by the Contractor, or by any other person performing Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or an encumbrance thereon is retained by the seller or otherwise

imposed by the Contractor or such other person.

9.4 APPROVAL OF PAY APPLICATION

9.4.1 The Project Manager will, after receipt of the Contractor's Application for Payment, and within the time set forth in Division 1, Section 01311 of the General Requirements entitled "Project Schedule," either approve the Application for its full amount or notify the Contractor in writing of his reasons for withholding approval, in whole or in part, as provided in Subparagraph 9.6.1.

9.4.2 The submission and acceptance of the Contractor's Preliminary and Detailed Progress Schedules and monthly updates thereof as required by Division 1, Section 01311 of the General Requirements entitled "Project Schedule," shall be an integral part and basic element of the application upon which progress payments shall be made. If in the judgment of the Project Manager the Contractor fails or refuses to provide information required to accomplish a complete Project Schedule Update or revision thereto as specified under Division 1, Section 01311 of the General Requirements, the Contractor shall be deemed to have not provided the information necessary to enable the Project Manager and the Architect to properly evaluate the Contractor's progress, and shall not be entitled to progress payments until it has furnished the information necessary for a complete Project Schedule Update or revision thereto as specified herein to the satisfaction of the Project Manager.

9.4.3 The signing of an Application for Payment will constitute a representation by the Project Manager and the Architect, based on their observations at the site and the data comprising the Application for Payment, that the Work has progressed to the point indicated; that, to the best of their knowledge, information and belief, the quality of the Work is in accordance with the Contract Documents (subject to an evaluation of the Work for conformance with the Contract Documents upon Substantial Completion, to the results of any subsequent tests required by or performed under the Contract Documents, to minor deviations from the Contract Documents correctable prior to completion, and to any specific qualifications stated in their Certificate); and that the Contractor is entitled to payment in the amount certified. However, by approving an Application for Payment, the Project Manager and the Architect shall not thereby be deemed to represent that either has made exhaustive or continuous on-site inspections to check the quality or quantity of the Work or that either has reviewed the construction means, methods, techniques, sequences or procedures, or that either has made an examination to ascertain how or for what purpose the Contractor has used the monies previously paid on account of the Contract Sum.

9.5 PROGRESS PAYMENTS

9.5.1 After an Application for Payment has been approved, the Owner shall make payment within thirty (30) calendar days.

9.5.2 The Contractor shall promptly pay each Subcontractor (including suppliers, laborers, and material-men) performing labor or furnishing material for the Work, upon receipt of payment from the Owner, out of the amount paid to the Contractor on account of such Subcontractor's Work, the amount to which said Subcontractor is entitled, reflecting the percentage actually retained, if any, from payments to the Contractor on account of such Subcontractor's Work. The Contractor shall, by an appropriate agreement with each Subcontractor, also require each Subcontractor to make payments to his Sub-subcontractors in similar manner.

9.5.3 The Owner may, on request and at his discretion, furnish to any Subcontractor, Sub-subcontractor, or Material Supplier and Vendor, if practicable information regarding the

percentages of completion or the amounts applied for by the Contractor and the action taken thereon by the Project Manager on account of Work done by such Subcontractor, Sub-subcontractor, or Material Supplier or Vendor.

9.5.4 Neither the Owner, the Project Manager, nor the Architect shall have any obligation to pay or to see to the payment of any monies to any Subcontractor except as may otherwise be required by law.

9.5.5 No approval for a progress payment, nor any progress payment, nor any partial or entire use of occupancy of the Project by the Owner, shall constitute an acceptance of any Work not in accordance with the Contract Documents.

9.5.6 The Contractor agrees to keep the Work and the site(s) on which Work is to be performed free and clear of all liens and claims of liens on materials furnished pursuant to the Contract Documents. Contractor hereby waives any right it may have in connection with the Work to file any liens, mechanics or otherwise. Notwithstanding anything to the contrary contained in the Contract Documents, if any such lien is filed or there is any reason to believe that any lien may be filed at any time during the progress of the Work or within the duration of this Contract, the Owner may refuse to make any payment otherwise due to Contractor or withhold from any payment due the Contractor a sum sufficient in the opinion of the Owner to pay all obligations and expenses necessary to satisfy such lien or claim and completely indemnify the Owner against any such lien or claim unless and until Contractor shall thereof, if any, has been satisfied, discharged and released of record or that the Contractor has caused such lien to be released or record if and as provided by law pending the resolution of any dispute between Contractor and the person filing such lien; and if such evidence is not furnished by Contractor to the Owner within a period of five (5) days after demand to do so, the Owner may discharge such indebtedness and deduct the amount required therefore, together with any and all losses, costs, damages and attorney's fees suffered or incurred by the Owner from any sum payable to Contractor under the Contract Documents. Final payment to Contractor may be withheld until the Work and the site(s) on which the Work is to be performed are free and clear of any and all liens for rights thereto arising because of Work performed or materials furnished under the Contract Documents. This Subparagraph 9.5.6 shall be specifically included in all subcontracts and purchase orders entered into by Contractor.

9.5.7 No reference to a claim or claims of lien or to the Owner's right to withhold payments to the Contractor or to discharge the Contractor's debts to Subcontractors, in Subparagraph 9.5.6, or elsewhere in the Contract Documents, shall be interpreted as a waiver of the Owner's right to exemption pursuant to AS 09.38.015(c) or any requirements with regard to the filing of claims of lien as set forth in AS 34.35.

9.6 PAYMENTS WITHHELD

9.6.1 The Architect and the Project Manager may decline to approve an Application for Payment in whole or in part, to the extent reasonably necessary to protect the Owner, if in their opinion they are unable to make representations to the Owner as provided in Subparagraph 9.4.3. If the Project Manager and the Architect are unable to make representations to the Owner as provided in Subparagraph 9.4.3 and to certify payment in the amount of the Application, they will notify the Contractor as provided in Subparagraph 9.4.1.

If the Contractor, Project Manager and the Architect cannot agree on a revised amount, the Project Manager will promptly approve the Application for Payment for the amount for which he is able to make such representations to the Owner. The Project Manager may also decline to certify payment or, because of subsequently discovered evidence or

subsequent observations, he may nullify the whole or any part of any approval of an Application for Payment previously issued to such extent as may be necessary in his opinion to protect the Owner from loss because of:

9.6.1.1 Defective work not remedied,

9.6.1.2 Third-party claims filed or reasonable evidence indicating probable filing of such claims,

9.6.1.3 Failure of the Contractor to make payments properly to Subcontractors or for labor, materials or equipment,

9.6.1.4 Reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum,

9.6.1.5 Damage to the Owner or another contractor,

9.6.1.6 Reasonable evidence that the Work will not be completed within the Contract Time,

9.6.1.7 Failure or refusal of the Contractor to carry out the Work in accordance with the Contract Documents, including scheduling, project management, or coordination requirements,

9.6.1.8 Liens filed for any portion of the Work, or

9.6.1.9 Failure or refusal of the Contractor to fully comply with Division 1, Section 01311 of the General Requirements entitled “Schedules and Reports”.

9.6.2 When the above grounds in Subparagraph 9.6.1 are removed, payment shall be made for amounts withheld because of them.

9.7 FAILURE OF PAYMENT

9.7.1 If the Owner does not pay the Contractor within seven (7) days after the date established in the Contract Documents any amount certified by the Architect and the Project Manager, then the Contractor may, upon seven (7) additional days’ written notice to the Owner and the Architect, stop the Work until payment of the amount not in dispute has been received. The Contractor shall not refuse or fail to diligently proceed with the Work pending the resolution of any amount(s) in dispute unless agreed to by the Owner.

9.8 SUBSTANTIAL COMPLETION

9.8.1 When the Contractor considers that the Work, or a designated portion thereof which is acceptable to the Owner, is substantially complete as defined in Subparagraph 8.1.3, the Contractor shall prepare for submission to the Project Manager a list of items to be completed or corrected. The failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. When the Architect and the Project Manager on the basis of an inspection jointly determine that the Work or designated portion thereof is substantially complete, the Architect will then prepare a Certificate of Substantial Completion which shall establish the Date of Substantial Completion, shall state the responsibilities of the Owner and the Contractor for security, maintenance, heat, utilities, correction of punchlist items and damage to the Work, and insurance, and shall fix the time within which the Contractor shall complete the items listed therein. Warranties required by the Contract Documents shall

commence on the Date of Substantial Completion of the work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion. The Certificate of Substantial Completion shall be submitted to the Owner and the Contractor for their written acceptance of the responsibilities assigned to them in such Certificate.

9.8.2 Upon Substantial Completion of the Work or designated portion thereof and upon application by the Contractor and certification by the Project Manager and the Architect, the Owner shall make payment, reflecting adjustment in retainage, if any, for such Work or portion thereof, as provided in the Contract Documents.

9.8.3 The acceptance of Substantial Completion payment shall constitute a waiver of all claims by the Contractor except those previously made in writing and identified by the Contractor as unsettled at the time of the Application for Payment for Substantial Completion, and except for the retainage sums due at final acceptance if any.

9.9 FINAL COMPLETION AND FINAL PAYMENT

9.9.1 Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Architect and the Project Manager will promptly make such inspection and, when they find the Work acceptable under the Contract Documents and the Contract fully performed, they will jointly issue a final Certificate for Payment stating that to the best of their knowledge, information and belief, and on the basis of their observations and inspections, the Work has been completed in accordance with the terms and conditions of the Contract Documents and that the entire balance found to be due the Contractor, as noted in said final Certificate, is due and payable. The final Certificate for Payment will constitute a further representation that the conditions precedent to the Contractor's being entitled to final payment as set forth in Subparagraph 9.8.2 have been fulfilled.

9.9.2 Neither the final payment nor the remaining retained percentage shall become due until the Work is free and clear of any and all liens and the Contractor submits to the Owner (1) an affidavit that all payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the Owner or his property might in any way be responsible, have been paid or otherwise satisfied, (2) consent of surety, if any, to final payment and (3), if required by the Project Manager, other data establishing payment or satisfaction of all such obligations, such as receipts, releases and waivers of liens arising out of the Contract, to the extent and in such form as may be designated by the Project Manager. If any Subcontractor refuses to furnish a release or waiver required by the Owner, the Contractor may furnish a bond satisfactory to the Owner to indemnify him against any loss. If any such lien or claim remains unsatisfied after all payments are made, the Contractor shall refund to the Owner all monies that the latter may be compelled to pay in discharging such lien or claim, including all costs and reasonable attorney's fees. The Owner may withhold from the final payment any sum that the Owner has reason to believe may be needed to satisfy any lien, claim or threat of lien arising from the Work. The Owner may deduct from the final payment an amount equal to any costs, expenses and attorneys' fees incurred by the Owner in removing or discharging any liens arising from the Work.

9.9.3 If, after Substantial Completion of the Work, final completion thereof is materially delayed through no fault of the Contractor, or by the issuance of change orders affecting final completion, and the Owner so confirms, the Owner shall, upon application by the Contractor and certification by the Project Manager and the Architect, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance for Work not fully completed or corrected is less than the retainage stipulated in the Contract Documents, and if bonds have been furnished as provided in Paragraph 7.5, the written consent of the surety to the

payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the Project Manager prior to certification of such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claims.

9.9.4 The making of final payment shall constitute a waiver of all claims by the Owner against the Contractor except those arising from:

9.9.4.1 Unsettled liens, and claims against the Owner, the Project Manager, or the Architect, or their employees, agents, or representatives,

9.9.4.2 Faulty or defective Work appearing after Substantial Completion,

9.9.4.3 Failure of the Work to comply with the requirements of the Contract Documents,

9.9.4.4 Terms of any warranties contained in or required by the Contract Documents,

9.9.4.5 Liquidated damages due the Owner for the Contractor's delay in completion, or

9.9.4.6 Damages incurred by the Owner resulting from lawsuits brought against the Owner, the Project Manager, the Architect, or their agents, employees or representatives because of failures or actions on the part of the Contractor, his Subcontractors, Sub-subcontractors, Material Suppliers and Vendors, or any of their employees, agents or representatives.

9.9.5 The acceptance of final payment shall constitute a waiver of all claims by the Contractor except those previously made in writing and identified by the Contractor as unsettled at the time of the final Application for Payment.

9.9.6 Final Completion includes, but is not limited to, the Contractor obtaining an unconditional Certificate of Occupancy from the governing building official.

9.10 OWNER'S RIGHT TO OCCUPY INCOMPLETE WORK

9.10.1 Should the Project, or any portion thereof, be incomplete for Beneficial Occupancy or Final Completion at the scheduled date or dates, the Owner shall have the right to occupy any portion of the Project. In such an event, the Contractor shall not be entitled to any extra compensation on account of said occupancy by the Owner or by the Owner's normal full use of the Project, nor shall the Contractor interfere in any way with said normal full use of the Project. Further, in such an event, the Contractor shall not be entitled to any extra compensation on account of the Owner's occupancy and use of the Project, nor shall the Contractor be relieved of any responsibilities of the Contract including the required times of completion. Such occupancy by the Owner would not, in itself, constitute Beneficial Occupancy nor Final Completion.

9.10.2 If the Owner exercises his rights under the foregoing and occupies the full project, then there shall be no liquidated damages due to delay on account of failure on the Contractor's part to provide Beneficial Occupancy from that date forward. This provision does not affect, however, any damages due to delay that would be assessed for any period of time between the scheduled date of Beneficial Occupancy and the date of any such actual occupancy. Further, this provision would have no effect on actual damages assessed on account of late Final Completion.

9.11 RETENTION AND INSPECTION OF RECORDS

9.11.1 Inspection.

The Anchorage School District, or any of its duty authorized representatives, shall have the right to examine all project records and documents, including without limitation, all books, correspondence, reports, analyses, instructions drawings, receipts, vouchers, memoranda, and all financial and accounting books, records, and data and all other documents of both the Contractor and the Contractors, Subcontractors and any Sub-subcontractors which are directly pertinent to this specific Contract for the purpose of making an audit, examination, reproduction, excerpts, or transcriptions. All required records shall be retained by the Contractor and its first tier Subcontractors for three (3) years after the Owner makes final payments and all other pending matters are closed.

9.11.2 Retention and Maintenance.

The Contractor shall keep and maintain in safe condition full and accurate records of all costs incurred and items billed and all other project records and documents relating to performance, communications, and correspondence in connection with the performance of the Work under this Contract, which records and documents shall be open to review, examination or audit by the Owner or its authorized representatives during performance of the Work and until three (3) years after Final Payment and all other pending matters are closed.

9.11.3 Subcontractor Records.

The Contractor shall make it a condition of all subcontracts and sub-subcontracts relating to the Work under this Contract that any and all Subcontractors and sub-subcontractors will keep accurate records of costs incurred and items billed in connection with their work and that such records shall be open to review, examination, reproduction or audit by the Owner or its authorized representatives during performance of the Work and until three (3) years after Final Payment under the subcontract and all other pending matters are closed.

9.11.4 Availability.

The Contractor shall make available at its business office upon request at all reasonable times the materials described in this Article including materials of both the Contractor and its first tier Subcontractors, for review, examination reproduction or audit for a period of three (3) years after Final Payment under this Contract and all other pending matters are closed.

9.11.5 Termination.

If this Contract is completely or partially terminated, the records relating to the Work terminated shall be made available for three (3) years after any resulting final termination settlement.

9.11.6 Claims and Appeals.

Records pertaining to any settlement, mediation, arbitration, litigation or appeals of claim submitted pursuant to Paragraphs 12.4 or 12.5 or otherwise arising from or relating to the performance of Work under this Contract shall be made available until such settlement, mediation, arbitration, litigation, or appeals are finally concluded. Such documents or records shall be made available to the Anchorage School District or its duty authorized representatives within thirty (30) days of the Anchorage School District's request.

9.11.7 Subcontracts.

The Contractor shall include the provisions of this Article in all first tier Subcontracts so as to be binding on all first tier Subcontractors.

9.11.8 Cost or Pricing Data.

If the Contractor has submitted cost or pricing data in connection with the pricing of any change order or modification to this Contract - unless the pricing was based on–

9.11.8.1 adequate price competition, or
9.11.8.2 established catalog or market price of commercial items sold in substantial quantities to the general public; or
9.11.8.3 prices set by law or regulation -

the Anchorage School District or a representative who is an employee of the Anchorage School District, shall have the right to examine and audit all books, records, documents, and other data of the Contractor, including computations and projections, related to negotiating, pricing, or performing the change order or modification, in order to evaluate the accuracy, completeness, and currency of the cost or pricing data.

END OF ARTICLE 9

ARTICLE 10

PROTECTION OF PERSONS AND PROPERTY

10.1 SAFETY PRECAUTIONS AND PROGRAMS

10.1.1 The Owner, the Project Manager, the Architect, or their agents, employees or representatives are not responsible for the means, methods, techniques, sequences or procedures utilized by the Contractor, or for safety precautions and programs in accordance with the Work. The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work.

10.2 SAFETY OF PERSONS AND PROPERTY

10.2.1 The Contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage, injury or loss to:

10.2.1.1 All employees on the Work and all other persons who may be affected thereby;

10.2.1.2 All the Work and all materials and equipment to be incorporated therein, whether in storage on or off the site, under the care, custody or control of the Contractor or any of his Subcontractors or Sub-subcontractors; and

10.2.1.3 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

10.2.2 The Contractor shall give all notices and comply with all applicable laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the safety of persons or property or their protection from damage, injury or loss.

10.2.2.1 The Contractor shall contact the State Historic Preservation Office (907-269-8700) immediately, should cultural or paleontological resources be discovered as a result of performing the Work.

10.2.3 The Contractor shall erect and maintain, as required by existing conditions and progress of the Work, all reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent utilities.

10.2.4 When the use or storage of explosives or other hazardous materials or equipment is necessary for the execution of the Work, the Contractor shall exercise the utmost care and shall carry on such activities under the supervision of properly qualified personnel.

10.2.5 The Contractor shall promptly remedy all damage or loss to any property referred to in paragraphs 10.2.1.2 and 10.2.1.3 caused in whole or in part by the Contractor, any Subcontractor, any Sub-subcontractor, any Material Supplier or Vendor, or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable and for which the Contractor is responsible under paragraphs 10.2.1.2 and 10.2.1.3, except damage or loss attributable to the acts or omissions of the Owner, Project Manager or Architect or anyone directly or indirectly employed by either of them, or by anyone for whose acts either of them may be liable, and not attributable to the fault or negligence of the Contractor. The foregoing obligations of the Contractor are in addition to his obligations under Paragraph 4.18.

10.2.6 The Contractor shall designate a responsible member of his organization at the site whose duty shall be the prevention of accidents. This person shall be the Contractor's superintendent unless otherwise designated by the Contractor in writing to the Owner through the Project Manager.

10.2.7 The Contractor shall not load or permit any part of the Work to be loaded so as to endanger its safety.

10.2.8 Following the Notice to Proceed, the Contractor is required to obtain facility keys and the security system access code from ASD Operations Department and obtain the facility keys by contacting the Project Manager.

10.2.8.1 A unique security code will be assigned to the Contractor. The ASD Operations office, 1301 Labar, will assign the code and provide access training.

10.2.8.2 The Contractor's signature on the key receipt acknowledges liability for the Owner's loss or damage due to unauthorized access with the facility key(s) and/or access code issued to the Contractor. The Contractor's Superintendent is solely responsible for the opening and closing of the facility.

10.2.8.3 Lost or stolen key(s) issued to the Contractor are to be reported immediately to the Project Manager. A written report shall be required for each incident.

10.2.8.4 If a FOB is issued, instead of keys, and is lost or stolen, the Contractor is required to immediately report the loss to the Project Manager. Notice is to be completed, in writing, within 12 hours or there will be a $500 fine.

10.2.8.5 Upon completion of the Project and prior to final payment, the Contractor will return all key(s) to the Project Manager. A maximum per facility charge of up to $10,000 may apply to any key not returned to the Project Manager.

10.2.8.6 Do not put any identifying tags or markers on the keys that would identify them as ASD building keys.

10.3 EMERGENCIES

10.3.1 In any emergency affecting the safety of persons or property, the Contractor shall act, at his discretion, to prevent threatened damage, injury or loss. Any additional compensation or extension of time claimed by the Contractor on account of emergency work shall be determined as provided in Article 8 for Time, and Article 12 for Changes in the Work.

END OF ARTICLE 10

ARTICLE 11

INSURANCE

11.1 GENERAL

11.1.1 Before signing this Contract, or commencing work on any project or allowing any Subcontractor to commence work, the Contractor shall obtain all insurance required under this section. The Contractor shall maintain this insurance until Final Acceptance. Proof of Insurance will be required prior to performing work under the warranty. The Contractor shall file with Owner as verification of insurance, an original signed certificate of insurance showing the type and amounts of insurance, the policy number, and expiration date. The Contractor shall provide copies of each insurance policy if requested by the Owner. The Contractor shall purchase insurance from companies reasonably acceptable to the Owner and authorized to do business in the State of Alaska, possessing a Best's policyholder's rating of A- or better and a financial rating of not less than VII.

11.2 WORKERS' COMPENSATION INSURANCE

11.2.1 The Contractor shall purchase and maintain during the life of this Contract, Workers' Compensation Insurance for all employees who will work on this project and if any work is sublet, the Contractor shall require the Subcontractor to provide similar Workers' Compensation Insurance for employees. Such workers' compensation insurance shall meet the statutory requirements of the State of Alaska.

11.3 PUBLIC AND EMPLOYER LIABILITY INSURANCE

11.3.1 The Contractor and his Subcontractors, if any, shall purchase and maintain such Public and Employer Liability Insurance as will protect the Contractor against loss which may result from claims for damages from operations under this Contract, whether such operations be those of the Contractor, a Subcontractor, or any person directly or indirectly employed by them. Such liability insurance shall have a scope of coverage at least as broad as the current ISO form # CG 0001 (occurrence version) for General Liability and the current ISO form # CA 0001 for Automobile Liability, and in minimum limits specified in Paragraph 11.3.2.

11.3.2 Public and Employer Liability Insurance Requirements

11.3.2.1 Commercial General Liability

Combined Single Limit $1,000,000
Annual Aggregate $2,000,000

11.3.2.2 Comprehensive Auto Liability

Including all owned, hired and non-owned vehicles.
Combined Single Limit $1,000,000 each accident

11.3.2.3 Employer's Liability Insurance
$1,000,000 limit

11.3.3 Umbrella Liability

11.3.3.1 The Contractor shall maintain an umbrella liability policy according to the following:

Projects < $10 million construction cost – $5,000,000 per occurrence and annual aggregate.

Projects > $10 million construction cost – $10,000,000 per occurrence and annual aggregate.

This requirement does not apply to Subcontractors.

11.3.3.2 Umbrella liability insurance shall be maintained in effect until final acceptance by the Owner of the completed construction, and for products liability and completed operations liability, a minimum of two years thereafter.

11.4 BUILDERS RISK INSURANCE

11.4.1 The Contractor shall purchase and maintain an all risk Builder's Risk policy on all construction projects. The Builders Risk coverage shall be in an amount equal to the initial contract, plus any contract modifications, and the cost of materials supplied or installed by others. Perils insured must be all physical loss and will include earthquake, flood, testing and startup, resultant damage from errors in design, plans or specifications, and transit and offsite storage.

11.4.2 A loss insured under Subparagraph 11.4.1 shall be adjusted by the Insurer, or by the Contractor as Fiduciary, and made payable to the Contractor as Fiduciary for the insureds, as their interests may appear, subject to requirements of any applicable mortgagee clause and of Subparagraph 11.4.5. The Contractor shall pay each Subcontractor a just share of any insurance monies received by the Contractor, and by appropriate agreement, written where legally required for validity, shall require each Subcontractor to make payments to his Sub-subcontractors in similar manner.

11.4.3 The Owner and Contractor shall waive all rights against each other for damages caused by fire or other perils to the extent covered by insurance obtained pursuant to this Paragraph 11.4 or any other property insurance applicable to the Work, except such rights as they may have to the proceeds of such insurance held by the Contractor as Fiduciary. The Contractor shall require, by appropriate agreement, written where legally required for validity, similar waivers in favor of the Owner and the Contractor by Subcontractors and Sub-subcontractors. With respect to the waiver of rights of recovery, the term Owner shall be deemed to include, to the extent covered by property insurance applicable thereto, his consultants, employees, agents and representatives, including the Project Manager. The Contractor waives as against any separate Contractor described in Article 6 all rights for damages caused by fire or other perils in the same manner as is provided above as against the Owner. The Owner shall require, by appropriate agreement, written where legally required for validity, similar waivers in favor of the Contractor by any separate Contractor and his Subcontractors and Sub-subcontractors.

11.4.4 If required in writing by any party in interest, the Contractor as Fiduciary shall, upon the occurrence of an insured loss, give bond for the proper performance of his duties. He shall deposit in a separate account any money so received, and he shall distribute it in accordance with a court order or award. If after such loss no other special agreement is made, replacement of damaged work shall be covered by an appropriate Change Order.

11.4.5 The Contractor as Fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within five (5) days after the occurrence of loss to the Owner's exercise of this power, and if such objection is made, the matter shall be decided by a court of competent jurisdiction or as parties in interest otherwise agree. The Contractor as Fiduciary shall, in that case, make settlement with the insurers accordingly.

11.4.6 If the Owner finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion thereof, such occupancy shall not commence prior to a time mutually agreed to by the Owner and Contractor and to which the insurance company or companies providing the property insurance have consented by endorsement of the policy or policies. This insurance shall not be canceled or lapsed on account of such partial occupancy. Consent of the Contractor and of the insurance company or companies to such occupancy or use shall not be unreasonably withheld.

11.5 CERTIFICATE OF INSURANCE REQUIREMENTS

11.5.1 Each insurance policy required in this section will be evidenced by a certificate of insurance which contains the following:

11.5.1.1 Notice of cancellation to the Anchorage School District in accordance with Alaska Statutes 21.36.220 and .260.

11.5.1.2 Contract number.

11.5.1.3 Project location.

11.5.1.4 Waiver of Subrogation. All policies, except where prohibited, will include a Waiver of Subrogation in favor of the District.

11.5.1.5 Additional Insured. All policies except Workers Compensation and professional liability will note the District as an additional insured.

11.6 OWNER'S RIGHT TO INSURE

11.6.1 In the event Contractor neglects, refuses, or fails to provide the insurance required under the Contract Documents, or if such insurance is canceled for any reason, the Owner shall have the right, but not the duty to procure the same, and the costs thereof shall be deducted from monies then due or thereafter to become due the Contractor.

11.7 ADDITIONAL INSURANCE

11.7.1 If not covered by the above insurance, the Contractor must obtain additional Insurance for items stored off-site or in transit. Payments for materials stored off-site will not be made unless Contractor provides documentation of valid insurance coverage for same.

11.8 ASBESTOS ABATEMENT SUBCONTRACTOR'S CERTIFICATE OF INSURANCE

11.8.1 After the Intent to Award Notification, the low bidder shall submit an insurance binder of insurance certificate provided by the proposed asbestos abatement subcontractor's insurance company stating that upon execution of the Contract the types and amount of insurance required elsewhere in these specifications will immediately become effective.

The asbestos abatement subcontractor is required to carry a minimum of $1,000,000 of General Public Liability Insurance with no exclusion for asbestos abatement.

11.8.2 Comprehensive General Liability Minimum Limits

Bodily Injury and Property Damage $2,000,000 per occurrence
Premises Operations
Independent Contractors
Products - Completed Operations
Contractual Liability
Broad Form Property Damage - Lloyds Form
Explosion, Collapse, and Underground
Personal Injury

11.8.3 Comprehensive Auto Liability

Including all owned, hired, and non-owned vehicles
Combined single limit per accident $1,000,000

END OF ARTICLE 11

ARTICLE 12

CHANGES IN THE WORK AND CONTRACT SUM AND TIME

12.1 CHANGES IN THE WORK

12.1.1 The Owner may, at any time, without notice to the sureties, make any change in the Work within the general scope of the Contract, including, but not limited to changes:

12.1.1.1 In the Specifications or Drawings;

12.1.1.2 In the method or manner of performance of the Work;

12.1.1.3 In the Owner-furnished facilities, equipment, materials, services or site; or

12.1.1.4 Directing acceleration in the performance of the Work for reasons other than delays caused by the Contractor.

12.1.2 All such changes in the Work shall be performed under the applicable conditions of the Contract Documents and shall be authorized in one of the following manners:

12.1.2.1 Field Directive. The Project Manager may issue a written Field Directive to the Contractor that directs a change in the Work. If the Contractor believes that the requested change will increase the Contract Time or Contract Sum, he must notify the Project Manager in writing prior to implementing the change.

12.1.2.2 Information Bulletin. The Architect may issue an Information Bulletin to the Contractor that clarifies or modifies the plans or specifications. If the Contractor believes that the clarification or modification of plans or specifications will increase the Contract Time or Contract Sum, he must notify the Project Manager in writing prior to implementing the change.

12.1.2.3 Request for Information (RFI). The Contractor may submit a RFI to the Project Manager or Architect using the ASD Procore Construction Management Program to request clarification of plans or specifications or to point out areas of apparent conflict or other concerns relating to the Work. The response to the RFI by the Architect or Project Manager may clarify or modify the plans or specifications. If the Contractor believes that the clarification or modification of plans or specifications will increase the Contract Time or Contract Sum, he must notify the Project Manager in writing prior to implementing the change.

12.1.2.4 Request for Proposal (RFP). The Owner may issue an RFP to the Contractor that directs a change in the Work and requests the Contractor’s evaluation of the impact of the change on Contract Time or Contract Sum. If the Contractor believes that the Work required by the RFP will increase the Contract Time or Contract Sum, he must notify the Project Manager in writing prior to implementing the changes.

12.1.3 Except as provided in Subparagraph 12.1.2, no order, statement or conduct of the Owner, Project Manager or Architect shall be treated as a change or entitle the Contractor to an equitable adjustment hereunder. No oral agreement of any kind shall be construed as a Change Order.

12.2 AMENDING CONTRACT SUM OR TIME

12.2.1 If any change under Paragraph 12.1 causes an increase or decrease in the Contractor's cost or the time required for the performance of any part of the Work under the Contract, including Work not affected directly by the change, an equitable adjustment shall be processed and approved following the provisions of Division 1, Section 01311, Project Schedule for any adjustment to time. Adjustments to Contract Sum shall be determined in one or more of the following ways:

12.2.1.1 By mutual acceptance of a lump sum price properly itemized in accordance with Subparagraph 12.2.2 and supported by sufficient data to permit evaluation;

12.2.1.2 In the event that unit prices are included in the bid and accepted by the Owner, payment for the Work performed shall be at the unit price amount for each item of Work accepted by the Owner and conforming to the contract requirements. Such prices shall be additive and deductive and include all costs necessary to complete the Work, inclusive of overhead costs and profit.

12.2.1.3 If prior to the commencement of the Work the Contractor has not provided a lump sum price, or the Contractor and the Owner have not agreed on a lump sum price as described in Subparagraph 12.2.1.1 above, the price shall be established in one of the following ways, as determined by the Project Manager;

1. on a lump sum basis following completion of the Work. The lump sum price shall be properly itemized in accordance with Subparagraph 12.2.2. and supported by sufficient data to permit evaluation;

2. on a time and materials basis, with or without a maximum not-to-exceed price, at the discretion of the Project Manager. Costs will be accumulated on a time and materials basis as described in Subparagraph 12.2.3 and presented daily (the day after the Work is performed) for approval by the Owner on the forms provided by the Owner. The daily report will be signed by the Contractor and the Owner.

12.2.2 For Work proceeding on a lump sum basis. In accordance with Subparagraph 12.2.1.1 or 12.2.1.3.1, the Contractor shall provide a detailed breakdown of the costs as described herein and submit the costs and substantiating data in a proposal to the Owner:

12.2.2.1 Direct Costs: Direct costs shall be limited to the following: cost of materials, including sales tax and cost of delivery to the project; cost of labor (from apprentice level up through and including the general foreman classification) comprising of the base wage plus fringe benefits, including burden (Social Security, Worker's Compensation, and Unemployment Insurance, etc.); rental rate including fuel and maintenance for any power tools valued at over $3,000 and equipment as described below, under "Equipment Rates;" bond premiums and additional cost of Builder's Risk Insurance, at rates equal to the amount billed for the base contract or the actual rate as supported by an invoice.

12.2.2.1.1 Equipment Rates: For any machinery or special equipment (other than small tools) which has been authorized by the Project Manager, the Contractor shall receive the rental rates in the current edition and appropriate volume of the "Rental Rate Blue Book for Construction Equipment," published by K-III Directory Corp., 10 Lake Drive, Highstown, NJ 08520-5397.

Hourly rental rates shall be determined as follows. The established hourly rental rate shall be equal to the adjusted monthly rate for the basic equipment plus the adjusted monthly rate for applicable attachments, both divided by 176, and multiplied by the area adjustment factor, plus the estimated hourly operating costs. The adjusted monthly rate is that resulting from application of the rate adjustment formula in order to eliminate replacement cost allowances in machine depreciation and contingency cost allowances. Attachments shall not be included unless required for the time and materials Work. For equipment not listed in the Blue Book, the Contractor shall receive a rental rate as agreed upon before such Work is begun. If agreement cannot be reached, the Owner reserves the right to establish a rate based on similar equipment in the Blue Book or prevailing commercial rates in the area. These rates shall apply for equipment used during the Contractor's regular shift of 10 hours per day. Where the equipment is used more than 10 hours per day, either on the Contractor's normal Work or on time and materials, and either on single or multiple shifts, an overtime rate, computed as follows, shall apply: The hourly overtime rate shall be equal to the adjusted monthly rate for the basic equipment plus the adjusted monthly rate for applicable attachments, both divided by 352, and multiplied by the area adjustment factor, plus the estimated hourly operating cost.

12.2.2.1.2 Equipment which must be rented or leased specifically for Work required under this section shall be authorized in writing by the Project Manager.

12.2.2.1.3 When it is necessary to obtain equipment from sources beyond the project limits exclusively for time and materials Work, the actual cost of transferring the equipment to the site of the Work and return will be allowed as an additional item of expense. Where the move is made by common carrier, the move-in allowance will be limited to the amount of the freight bill or invoice. If the Contractor hauls the equipment with his own forces, the allowance will be limited to the rental rate for the hauling unit plus operator wages. In the event that the equipment is transferred under its own power, the moving allowance will be limited to one-half of the normal hourly rental rate plus operator's wages. In the event that the move-out is to a different location, payment will in no instance exceed the amount of the move-in. Move-in allowance shall not be made for equipment brought to the project for time and materials Work which is subsequently retained on the project and utilized for completion of contract items, camp maintenance, or related Work.

12.2.2.1.4 Equipment ordered to be on stand-by basis shall be paid for at the stand-by rental rate for the number of hours in the Contractor's normal Work shift, but not to exceed 8 hours per day. The stand-by rental rate shall be computed as follows:

The hourly stand-by rate shall be equal to the adjusted monthly rate for the basic equipment plus the adjusted monthly rate for applicable attachments, both divided by 352, all multiplied by the

area adjustment factor.

Time will be recorded to the nearest one-half hour for purposes of computing compensation to the Contractor for equipment utilized under these rates.

The equipment Direct Cost determination covers all costs for providing required equipment and no additional compensation will be made for other costs such as, but not limited to, fuels, lubricants, replacement parts or maintenance costs. Cost of repairs, both major and minor as well as charges for mechanic's time utilized in servicing equipment to ready it for use prior to moving to the project and similar charges will not be allowed.

12.2.2.2 Overhead: Overhead shall include the following: the Contractor's management staff; supervision; superintendence; wages of timekeepers; watchmen and clerks; small tools; incidentals; costs of preparing and responding to Request for Proposals, including estimating; schedule revisions, software costs and clerical expenses; general home and field office expenses; including any financial/financing costs; legal costs; and/or accounting costs; temporary facilities; temporary utilities (power, water, sewer, telephone, etc.) And any utilities used by the Contractor during the construction period; and all other expenses not specifically defined in Subparagraph 12.2.2.1 as direct costs. Unless specifically required or requested, any travel and associated costs from outside of the Municipality of Anchorage is considered as part of the Contractor's project overhead and will not be paid by the Owner.

12.2.2.3 The Contractor shall apply a combined percentage rate to the direct costs to compensate it for additional Overhead and Profit associated with the change. The combined rate to the Owner of any change shall not exceed the rates set forth in the following schedule:

For the Contractor, for Work performed by his own forces, up to fifteen percent (15%) of direct costs;

For each Subcontractor involved, for Work performed by the Subcontractor's forces, up to fifteen percent (15%) of direct costs;

For the Contractor, for Work performed by Subcontractors, up to ten percent (10%) of the Subcontractor's direct costs;

For the Subcontractor, for Work performed by the multiple-tier-contractors up to ten percent (10%) of direct costs;

The total Contractor and all-subcontractors overhead allowance shall not exceed twenty-five percent (25%) of direct costs.

12.2.3 For Work proceeding on a time and material basis in accordance with Subparagraph 12.2.1.3.2, the Contractor shall be compensated for its costs in accordance with the following:

12.2.3.1 Direct Costs: Direct Costs shall be as defined in Subparagraph 12.2.2.1.

12.2.3.2 Overhead: Overhead shall be as defined in Subparagraph 12.2.2.2.

12.2.3.3 Overhead and Profit combined included in the total costs to the Owner of any change shall not exceed the rates set forth in the following schedule:

For the Contractor, for Work performed by his own forces, up to ten percent (10%) of direct costs;

For each Subcontractor involved, for Work performed by the Subcontractor's forces, up to ten percent (10%) of direct costs;

For the Contractor, for Work performed by Subcontractors, up to five percent (5%) of the Subcontractor's direct cost.

For the Subcontractor, for Work performed by multiple-tier-contractors up to five percent (5%) of direct costs;

The total Contractor and multiple-tier-contractor overhead allowances shall not exceed twenty percent (20%) of direct costs.

12.2.4 If the net value of a change results in a credit from the Contractor, Subcontractor, or Material Suppliers or Vendors, the credit given shall be the net cost without overhead or profit. The costs as used herein shall include all items of labor, materials, plant and equipment. Credit changes shall include a percentage of the direct costs for overhead and profit at fifty percent (50%) of the rates defined in Subparagraph 12.2.2.3.

12.2.5 If unit prices are stated in the Contract Documents or subsequently agreed upon, and if the quantities originally contemplated are so changed in the proposed Change Order that application of the agreed unit prices to the quantities of Work proposed will cause substantial inequity to the Owner or the Contractor, the applicable unit prices shall be equitably adjusted.

12.2.6 The Contract Sum, the Contract Time, and the date required for performance of any part of the Work may be changed only by a Change Order to the Contract. Each Change Order will be identified at the bottom of each approved RFP, with a heading of "Change Order Authorization." Change Orders executed pursuant to this article constitute full and final settlement of all aspects of cost and time related to and/or occasioned by the Work (or event) described therein. Costs are defined to include all direct labor costs; all direct materials and equipment expenses; any and all overhead, profit, and commission; any and all impact costs related to and/or occasioned by the Work described herein; as well as all taxes and insurance. All Change Orders shall be approved by the Project Manager and signed by the Owner and Contractor.

12.2.7 For accounting purposes, the Change Orders identified in Subparagraph 12.2.6 will be accumulated on a monthly basis or more frequently and summarized in a Summary Change Order. The Summary Change Order shall be approved by the Project Manager and signed by the Owner and Contractor. No claim by the Contractor for or on account of any Change Order shall be due nor shall any such claim appear on an Application for Payment or demand for final payment until the Summary Change Order has been fully executed by the Contractor and the Owner.

12.2.8 The Superintendent of Schools and/or the Senior Director of Capital Planning and Construction are authorized to make contract modifications or to execute orders up to one hundred thousand dollars ($100,000) that are within the project's budget. The Superintendent is authorized to make contract modifications in excess of one hundred thousand dollars ($100,000) but not-to-exceed two hundred fifty thousand dollars ($250,000) that are within the project's budget. All contract modifications or change orders

above two hundred fifty thousand dollars ($250,000) shall be recommended by the Superintendent to the School Board for its approval.

12.2.9 No claim by the Contractor for an equitable adjustment hereunder shall be allowed if asserted after final payment or more than six months after the date of substantial completion, whichever is earlier.

12.2.10 Nothing in this Article shall excuse the Contractor from proceeding with the Contract as changed.

12.3 DIFFERING CONDITIONS

12.3.1 The Contractor shall promptly, and before the conditions are disturbed, give written notice to the Owner of (1) subsurface or latent physical conditions at the site which differ materially from those indicated in this Contract, or (2) unknown physical conditions at the site, of an unusual nature, which differ materially from those ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract.

12.3.2 The Owner shall investigate the site conditions promptly after receiving notice. Work shall not proceed at the affected site, except at the Contractor's risk, until the Owner has provided written instructions to the Contractor. If the conditions do materially so differ and cause an increase or decrease in the Contractor's cost of, or the time required for, performing any part of the Work under this Contract, whether or not changed as a result of the conditions, an adjustment shall be made under this Article and the Contract modified in writing accordingly.

12.3.3 No request by the Contractor for an adjustment to the Contract under this Article shall be allowed unless the Contractor has given the written notice required.

12.3.4 No claim by the Contractor for an adjustment hereunder shall be allowed if asserted after final payment or more than six months after the date of substantial completion, whichever is earlier.

12.4 CLAIMS FOR ADDITIONAL COST OR TIME

12.4.1 If the Contractor claims that additional cost is involved because of, but not limited to (1) any written interpretation pursuant to Subparagraph 2.2.8; (2) any order by the Owner to stop the Work pursuant to Paragraph 3.4 where the Contractor was not at fault; or (3) any other impacts related to the Work, the Contractor shall make such claim as provided in Subparagraph 12.4.2.

12.4.2 If the Contractor wishes to make a claim for an increase in the Contract Sum, and such claim is not barred under Paragraph 8.3, he shall deliver to the Project Manager written notice thereof within fourteen (14) days after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the Work, except in an emergency endangering life or property in which case the Contractor shall proceed in accordance with Paragraph 10.3. No such claim shall be valid unless so made. The written notice shall state:

12.4.2.1 the date, nature and circumstances of the conduct regarded as a change;

12.4.2.2 the name, function and activity of each Contractor official, agent or employee involved in or knowledgeable about such conduct;

12.4.2.3 the identification of any documents and the substance of any communication

involved in such conduct;

12.4.2.4 in the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;

12.4.2.5 the particular elements of Contract performance for which the Contractor may seek an equitable adjustment under this Paragraph, including:

12.4.2.5.1 what Contract Drawings or Specification have been or may be affected by the alleged change;

12.4.2.5.2 what labor or materials or both have been or may be added, deleted or wasted by the alleged change;

12.4.2.5.3 to the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performances have been or may be caused by the alleged change in accordance with Division1, Section 01311, “Project Schedule;”

12.4.2.5.4 what adjustments to the Contract Sum and other provisions of the Contract affected by the alleged change are estimated; and

12.4.2.6 the Contractor’s estimate of the time by which the Project Manager and Architect must respond to the Contractor’s notice to minimize cost, delay or disruption of performance in accordance with Division 1, Section 01311, “Project Schedule.”

12.4.3. After receipt of a Contractor’s claim, the Project Manager may visit the site, schedule an informal review hearing, or request additional information in order to fully evaluate the issues of the claim. The Project Manager has thirty (30) calendar days to review the claim and to send a written decision to the Contractor. If the Project Manager agrees with the Contractor that the issues presented in the Contractor’s claim justify a change in the Contract Sum or the Contract Time, the Project Manager and the Contractor shall negotiate the amount of the adjustment in the Contract.

If the Project Manager determines that the claim does not justify a change in the Contract Sum or Contract Time, of if the Project Manager cannot reach agreement with the Contractor on the amount of the adjustment in the Contract Sum or Contract Time, the amount shall be determined in accordance with Paragraph 12.5

12.4.4 In no event shall the Contractor slow or stop the Work while such determination is pending and the Owner shall continue to make payment in accordance with the Contract Documents except as to the amount in dispute. Any change in the Contract Sum resulting from such claim shall be authorized by Change Order.

12.5 RESOLUTION OF DISPUTED CLAIMS

12.5.1 All disputed claims arising from this contract shall be resolved according to the process identified in this section 12.5. This includes any interpretations of the contract documents, claims for increase in the Contract Sum or Contract Time, or any other issues of equitable adjustment.

12.5.2 Disputes between the Owner and the Contractor will be processed through the appeal process described in 12.5.3 and/or through the use of Alternative Dispute Resolution (ADR) procedures described in 12.5.4.

12.5.3 Appeal Process

12.5.3.1 If the Contractor does not agree with the decision of the Project Manager, the Contractor may, within ten (10) calendar days of receipt of the decision, file a notice of appeal with the Chief Operating Officer. The Chief Operating Officer will then have sixty (60) calendar days to review the appeal and send a written decision to the Contractor.

12.5.3.2 If the Contractor does not agree with the final decision rendered by the Chief Operating Officer, it may pursue litigation.

12.5.4 ADR Process

12.5.4.1 Either the Owner or the Contractor may request, prior to litigation, that a dispute be submitted to mandatory mediation.

12.5.4.2 The parties shall jointly select and compensate a third party mediator.

12.5.4.3 Both parties shall attend joint mediation sessions and make a good faith effort to reach agreement through this process.

12.5.4.4 There is no obligation for either of the parties to accept any agreement during the mediation process.

12.5.5 The Contractor shall diligently carry on the Work and maintain the progress schedule during any dispute resolution proceedings, unless otherwise agreed in writing.

END OF ARTICLE 12

ARTICLE 13

UNCOVERING AND CORRECTION OF WORK

13.1 UNCOVERING OF WORK

13.1.1 If any portion of the Work should be covered contrary to the request of the Owner, Project Manager or the Architect or to requirements specifically expressed in the Contract Documents, it must, if required in writing by the Project Manager, be uncovered for his observation and shall be replaced at the Contractor's expense.

13.1.2 If any other portion of the Work has been covered which the Architect or the Project Manager has not specifically requested to observe prior to being covered, either may request to see such Work and it shall be uncovered by the Contractor. If such Work be found in accordance with the Contract Documents, the cost of uncovering and replacement shall, by appropriate Change Order, be charged to the Owner. If such work be found not in accordance with the Contract Documents, the Contractor shall pay such costs unless it be found that this condition was caused by the Owner or a separate contractor as provided in Article 6, in which event the Owner shall be responsible for the payment of such costs.

13.2 CORRECTION OF WORK

13.2.1 The Contractor shall promptly correct all Work rejected by the Project Manager as defective or as failing to conform to the Contract Documents whether observed before or after Substantial Completion and whether or not fabricated, installed or completed. The Contractor shall bear all costs of correcting such rejected Work, including additional Owner Administrative and legal expenses, and additional compensation for the Architect's and/or Project Manager's additional services made necessary thereby.

13.2.2 If, within one (1) year after the Date of Substantial Completion of the Work or designated portion thereof or within such longer period of time as may be prescribed by law or by the terms of any applicable special warranty required by the Contract Documents, any of the Work is found to be defective or not in accordance with the Contract Documents, the Contractor shall correct it promptly after receipt of a written notice from the Owner through the Project Manager to do so unless the Owner through the Project Manager has previously given the Contractor a written acceptance of such condition. This obligation shall survive the provisions of Subparagraph 9.5.5 and termination of the Contract. The Owner shall give such notice promptly after discovery of the condition.

13.2.3 The Contractor, unless removal is waived by the Owner, shall remove from the site all portions of the Work which are defective or non-conforming, or if permitted or required, he shall correct such Work in place by and at the expense of the Contractor promptly after receipt of notice, and such rejected Work shall not thereafter be tendered for acceptance unless the former rejection or requirement for correction is disclosed.

13.2.4 If the Contractor does not proceed with the correction of such defective or non-conforming Work within a reasonable time fixed by written notice from the Owner, through the Project Manager, the Owner may either:

13.2.4.1 by separate contract or otherwise replace or correct such Work and charge the Contractor the cost occasioned the Owner thereby and remove and store the materials or equipment at the expense of the Contractor, or

13.2.4.2 terminate this Contract for default as provided in Paragraph 14.1. If the Contractor does not pay the cost of such replacement or correction and the

removal and storage within ten (10) days thereafter, the Owner may upon ten (10) additional days' written notice sell such Work at auction or at private sale and shall account for the net proceeds thereof, after deducting all the costs that should have been borne by the Contractor, including compensation for the Owner's administrative and legal expenses, and additional services of the Architect and the Project Manager made necessary thereby. If such proceeds of sale do not cover all costs which the Contractor and an appropriate Change Order shall be issued. If the payments then or thereafter due the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the Owner.

13.2.5 The Contractor shall bear the cost of making good all Work of the Owner or separate contractors destroyed or damaged by such correction or removal.

13.2.6 Nothing contained in this Paragraph 13.2 shall be construed to establish a period of limitation with respect to any other obligation which the Contractor might have under the Contract Documents, including Paragraph 4.5. thereof. The establishment of the time period of one (1) year after the date of Substantial Completion or such longer period of time as may be prescribed by law or by the terms of any warranty required by the Contract Documents relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which his obligation to comply with the Contract documents may be sought to be enforced, nor to the time within which proceedings may be commenced to establish the Contractor's liability with respect to his obligations other than specifically to correct the Work.

13.3 ACCEPTANCE OF DEFECTIVE OR NONCONFORMING WORK

13.3.1 If the Owner prefers to accept defective or nonconforming Work, he may do so instead of requiring its removal and correction, in which case a Change Order will be issued to reflect a reduction in the Contract Sum where appropriate and equitable, or the Owner may elect to accept payment in materials or services, in lieu of a reduction in the Contract Sum. If the amount of a reduction is determined after final payment, it shall be paid to the Owner directly by the Contractor.

END OF ARTICLE 13

ARTICLE 14

TERMINATION OF THE CONTRACT

14.1 TERMINATION BY THE OWNER

14.1.1 If the Contractor:

14.1.1.1 is adjudged bankrupt; or

14.1.1.2 makes a general assignment for the benefit of his creditors; or

14.1.1.3 has a receiver appointed on account of his insolvency; or

14.1.1.4 if he refuses or fails to commence the Work within the time required by this Contract; or

14.1.1.5 refuses or fails to prosecute the Work or any separable part with the diligence that will ensure its completion within the time specified in this Contract, including any extension; or

14.1.1.6 refuses or fails to provide sufficient and properly skilled workmen or proper materials or equipment to complete the Work in an acceptable manner and without delay; or

14.1.1.7 refuses or fails to complete the Work in accordance with the Project Schedule Milestone Dates set forth under Section 00200 hereof; or

14.1.1.8 fails to make prompt payment to Subcontractors or for materials or labor, or

14.1.1.9 persistently disregards laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction; or

14.1.1.10 fails or refuses to comply with the requirements of Division 1, Section 01311, “Project Schedule” of the Contract Documents; or

14.1.1.11 otherwise is guilty of a substantial violation of a provision of the Contract Documents,

then the Owner, may, without prejudice to any right or remedy and after giving the Contractor and his surety, if any, seven (7) days’ written notice, terminate the employment of the Contractor and take possession of the site and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor and may finish the Work by whatever method he may deem expedient. In such case the Contractor shall not be entitled to receive any further payment until the Work is finished. Such an event of termination shall at the option of the Owner result in the automatic assignment to the Owner of all of the Contractor’s subcontracts, and the Owner may thereafter enforce such subcontracts in the prosecution of the Work in the same manner and to the same extent as the Contractor.

14.1.2 If the cost of finishing the Work exceeds the unpaid portion of the Contract Sum, the Contractor or his assigns, heirs or sureties shall pay the difference to the Owner. This obligation shall survive the termination of the Contract.

14.1.3 Nothing contained in this Article 14 shall impair any of the obligations of the surety.

14.2 TERMINATION FOR CONVENIENCE

14.2.1 The performance of the Work under this Contract may be terminated by the Owner in whole, or from time to time in part, whenever the Owner shall determine that such termination is in the best interest of the Owner. Any such termination shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of Work under the Contract is terminated, and the date upon which such termination becomes effective.

14.2.2 After receipt of a Notice of Termination, and except as otherwise directed by the Owner, the Contractor shall:

14.2.2.1 stop Work under the Contract on the date and to the extent specified in the Notice of Termination;

14.2.2.2 place no further orders or subcontracts for materials, services or equipment, except as may be necessary for completion of such portion of this Work under the Contract as is not terminated;

14.2.2.3 terminate all orders and subcontractors to the extent that they relate to the performance of Work terminated by the Notice of Termination;

14.2.2.4 assign to the Owner, in the manner, at the times, and to the extent directed by the Owner, all of the right, title, and interest of the Contractor under the orders and subcontracts so terminated, in which case the Owner shall have the right, in its discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts;

14.2.2.5 settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, with the approval or ratification of the Owner, to the extent he may require, which approval of ratification shall be final for all the purposes of this clause;

14.2.2.6 transfer title and deliver to the Owner, in the manner, at the times, and to the extent, if any, directed by the Owner, (A) the fabricated or unfabricated parts, Work in process, completed Work, supplies, and other material produced as a part of, or acquired in connection with the performance of, the Work terminated by the Notice of Termination, and (B) the completed or partially completed plans, drawings, information, and the property which, if the Contract has been completed, would have been required to be furnished to the Owner;

14.2.2.7 use his best efforts to sell, in the manner, at the time, to the extent and at the price or prices directed or authorized by the Owner, any property of the types referred to in Subparagraph 14.2.2.6 above, provided, however, that the Contractor (A) shall not be required to extend credit to any purchase, and (B) may acquire any such property under the conditions prescribed by and at a price or prices approved by the Owner, and provided further, that the proceeds of any such transfer or disposition shall be applied in reduction of any payments to be made by the Owner to the Contractor under this Contract or shall otherwise be credited to the price or cost of the Work covered by this Contract or paid in such other manner as the Owner may direct;

14.2.2.8 complete performance of such part of the Work as shall not have been

terminated by the Notice of Termination and may incur obligations as are necessary to do so; and

14.2.2.9 take such action as may be necessary, or as the Owner may direct, for the protection and preservation of the property related to this Contract which is in the possession of the Contractor and in which the Owner has or may acquire an interest.

14.2.3 The Contractor may submit to the Owner a list, certified as to quantity and quality, of any or all items of termination inventory not previously disposed of, exclusive of items the disposition of which has been directed or authorized by the Owner, and may request the Owner to remove such items or enter into a storage agreement covering them. Not later than fifteen (15) days thereafter, the Owner will accept title to such items and remove them or enter into a storage agreement covering the same; provided that the list submitted shall be subject to verification by the Owner upon removal of all items, or if the items are stored within forty-five (45) days from the date of submission of the list, and any necessary adjustment to correct the list as submitted shall be made prior to final settlement.

14.2.4 After receipt of a Notice of Termination, the Contractor shall submit to the Owner his termination claim, in the form and with certification prescribed by the Owner. Such claim shall be submitted promptly but in no event later than six (6) months from the effective date of termination. Upon failure of the Contractor to submit his termination claim within the time allowed, the Owner may determine on the basis of information available to him, the amount, if any, due to the Contractor by reason of the termination and shall thereupon pay to the Contractor the amount so determined.

14.2.5 Subject to the provisions of Subparagraph 14.2.4 above, the Contractor and the Owner may agree upon the whole or any part of the amount or amounts to be paid to the Contractor by reason of the total or partial termination of Work pursuant to this paragraph, which amount or amounts may include a reasonable allowance of profit on Work done; provided that such agreed amount or amounts, exclusive of settlement costs, shall not exceed the total Contract Sum as reduced by the amount of payments otherwise made and as further reduced by the Contract Sum attributable to that portion of Work not terminated. The Contract shall be amended accordingly, and the Contractor shall be paid the agreed amount. Nothing in Subparagraph 14.2.6 below, prescribing the amount to be paid to the Contractor in the event of failure of the Contractor and the Owner to agree upon the whole amount to be paid to the Contractor by reason of the termination of Work pursuant to this clause, shall be deemed to limit, restrict, or otherwise determine or affect the amount or amounts which may be agreed upon to be paid to the Contractor pursuant to this Subparagraph 14.2.5.

14.2.6 In the event of the failure of the Contractor and the Owner to agree, as provided in Subparagraph 14.2.5 above, upon the whole amount to be paid to the Contractor by reason of the termination of Work pursuant to this paragraph, the Owner shall pay to the Contractor the amounts determined by the Owner as follows, but without duplication of any amounts agreed upon in accordance with Subparagraph 14.2.5:

14.2.6.1 with respect to all Contract Work performed prior to the effective date of the Notice of Termination, the total (without duplication of any items) of:

14.2.6.1.1 the cost of such Work;

14.2.6.1.2 the cost of settling and paying claims arising out of the termination of Work under subcontracts or orders as provided in Subparagraph 14.2.2.5 above exclusive of the amounts paid or

payable on account of supplies or materials delivered or services furnished by the Subcontractor prior to the effective date of the Notice of Termination Work under this Contract, which amounts shall be included in the cost on account of which payment is made under Subparagraph 14.2.6.1 above; and

14.2.6.1.3 a sum as profit on Subparagraph 14.2.6.1.1 above, determined by the Owner to be fair and reasonable; and

14.2.6.2 the reasonable cost incidental to termination of Work including:

14.2.6.2.1 accounting, legal, clerical and other expenses reasonably necessary for the preparation of termination settlement proposals and supporting data;

14.2.6.2.2 the termination and settlement of subcontracts (excluding the amounts of such settlements); and storage, transportation and other costs incurred (pursuant to Subparagraph 14.2.2.9), reasonably necessary for the preservation, protection or disposition of the termination inventory.

14.2.6.3 The total sum to be paid to the Contractor under Subparagraph 14.2.6.1 above shall not exceed the total Contract Sum as reduced by the portion of the Contract Sum attributable to that portion of Work not terminated. Except for normal spoilage, and except to the extent that the Owner shall have otherwise expressly assumed the risk of loss, there shall be excluded from the amounts payable to the Contractor under Subparagraph 14.2.6.1, the fair value, as determined by the Owner, of property which is destroyed or lost, stolen, or damaged so as to become undeliverable to the Owner, or to a buyer pursuant to Subparagraph 14.2.2.7.

14.2.7 In arriving at the amount due the Contractor under this paragraph, there shall be deducted (1) all unliquidated advance or other payments on account theretofore made to the Contractor, applicable to the terminated portion of this Contract, (2) any claim which the Owner may have against the Contractor in connection with this Contract, and (3) the agreed price for, or the proceeds of sale of, any materials, supplies or other things acquired by the Contractor or sold, pursuant to the provisions of this paragraph and not otherwise recovered by or credited to the Owner.

14.2.8 If the termination hereunder be partial, the Contractor may file with the Owner a claim for an equitable adjustment of the price or prices specified in the Contract relating to the continued portion of the Contract (the portion not terminated by the Notice of Termination), and such equitable adjustment as may be agreed upon shall be made in such price or prices. Any claim by the Contractor for an equitable adjustment under this clause must be asserted within ninety (90) days from the effective date of the termination.

14.2.9 The Owner may from time to time, under such terms and conditions as it may prescribe, make partial payments and payments on account against costs incurred by the Contractor in connection with the terminated portion of this Contract whenever in the opinion of the Owner the aggregate of such payments shall be within the amount to which the Contractor will be entitled hereunder. If the total of such payments is in excess of the amount finally agreed or determined to be due under this paragraph, such excess shall be payable by the Contractor to the Owner upon demand, together with interest computed at the legal prevailing rate, for the period from the date such excess payment is received by the Contractor to the date on which such excess is repaid to the Owner, provided, however,

that no interest shall be charged with respect to any such excess payment, attributable to a reduction in the Contractor's claim by reason of retention or other disposition of termination inventory until ten (10) days after the date of such retention or disposition, or such later date as determined by the Owner by reason of the circumstances.

14.2.10 Unless otherwise provided for in this Contract, or by applicable statue, the Contractor shall - from the effective date of termination until the expiration of three (3) years after final settlement under this Contract - preserve and make available to the Owner at all reasonable times at the office of the Contractor but without direct charge to the Owner, all his books, records, documents and other evidence bearing on the costs and expenses of the Contractor under this Contract and relating to the Work terminated hereunder, or, to the extent approved by the Project Manager, photographs, microphotographs, or other authentic reproductions thereof.

END OF ARTICLE 14

END OF SECTION

SUPPLEMENTARY GENERAL CONDITIONS TO THE CONTRACT FOR CONSTRUCTION

REFERENCE:

1. **GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ANCHORAGE SCHOOL DISTRICT, ANCHORAGE, ALASKA**, constitutes the General Conditions of this Contract, and is further revised and supplemented by the provisions of these Supplementary General Conditions. The General Conditions and the Supplementary General Conditions are applicable to all of the work under this Contract and shall apply to the Contractor and all Subcontractors, Sub-subcontractors, and Material Suppliers and Vendors.

SUPPLEMENTS:

1. The following supplements modify, change, delete, or add to the General Conditions. Where any article of the General Conditions is modified or any paragraph deleted, subparagraph or clause thereof is modified, or deleted by these supplements, the unaltered provisions of such article, paragraph, sub-paragraph or clause shall remain in effect.

ARTICLE 4

Add the following new Paragraphs 4.7.1.2 & 4.7.1.3:

4.7.1.2 Unless otherwise authorized by the Project Manager, successfully obtaining the necessary permits shall be the responsibility of the Contractor and shall constitute a requirement for the issuance of the Notice to Proceed by the Owner.

4.7.1.3 Contractor shall submit Fire Alarm shop drawings to the Municipality of Anchorage Building Safety Office.

4.7.1.3.1 Contractor shall pay for the Municipality of Anchorage Fire Alarm permits.

4.7.1.3.2 Contractor shall obtain the permits upon approval.

Add the following new Paragraph 4.21, Construction Management Software:

4.21 CONSTRUCTION MANAGEMENT SOFTWARE

4.21.1 The Contractor shall fully utilize the Owner provided construction management software, currently Sage Procore Construction Management for communications, Submittals, Requests for Information, for submission of construction record documents and photographs, and other purposes as directed by the Project Manager.

4.21.2 The contractor shall designate a minimum of two (2) people from their internal project staff to access the Construction Management Software. It is incumbent upon the Contractor to ensure these individuals familiarize themselves and become proficient in the use of the Construction Management software utilizing the manuals, help files, training videos, forums and other support services provided by the Construction Management Software.

ARTICLE 7

Add the following new Paragraph 7.12, Fire Alarm System:

7.12 FIRE ALARM SYSTEM

7.12.1 Before beginning any work that may result in a fire alarm transmission, the contractor shall call both the Anchorage Fire Department dispatcher at 522-1122 and the local fire station which would respond to an alarm and let them know you will be working on the system and for approximately how long. Second the contractor shall call Guardian Security at 277-1975 and notify the dispatcher that you have called the Fire Department, what type of work you are planning to do, and approximately how long before you expect to be completed. After the contractor is completed with your work, you must reverse the process by notifying the Fire Department dispatcher and the ASD Dispatcher that you are finished.

7.12.2 The Contractor shall be held responsible for all charges incurred from false fire alarms. Currently the Anchorage Fire Department charges seven hundred fifty dollars and no cents ($750.00) per false alarm, or current rate charged.

Add the following new Paragraph 7.13, Apprenticeship Utilization Requirements for Contracts:

7.13 APPRENTICESHIP UTILIZATION REQUIREMENTS FOR CONTRACTS

7.13.1 Once awarded a contract by ASD, the prime contractor will be responsible to gather and submit all documentation to ASD to confirm compliance with the Apprenticeship Utilization Policy (“AUP”) mandated by Anchorage School Board Policy 3311.1.2. The Prime contractor will provide documentation to ASD to confirm that 15% of the labor hours worked in trades/crafts categories that are included in the Alaskan Federally Registered Apprenticeship Program has been executed by certified apprentices enrolled in those programs, and will provide documentation to confirm that the apprentices listed on the documentation submitted are currently in good standing with their Alaskan Federally Registered Apprenticeship Program. ASD will provide several forms which the prime contractor will be required to fill out in addition to submitting their certified payroll documents. Also, ASD will audit the prime contractor’s documentation on the following schedule. Audits for projects will be conducted every 30 days. In addition, ASD will conduct on-site audit at non-scheduled intervals to ensure that the apprentices listed on the written documentation are physically on-site. ASD will give a reasonable notice of 24 hours prior to on-site inspections.

7.13.2 The prime contractor will be required to submit the following, at the intervals requested by ASD:

- Certified Payroll for prime and subcontractors.
- Apprenticeship Utilization Form for prime and subcontractors.
- Apprenticeship Utilization Calculation form for prime and subcontractors, which demonstrates labor hours worked by apprentices in applicable crafts/trades categories, and reports status as to whether the apprentices listed are in good standing with their Alaskan Federally Registered Apprenticeship Program.

Add the following new Paragraph 7.14, Preference for Alaska Forest Products:

7.14 PREFERENCE FOR ALASKA FOREST PRODUCTS

7.14.1 **Preference for Alaska Forest and Agricultural Products**

This project is funded by state money in which the use of timber, lumber, and manufactured lumber products are required, and, therefore, only timber, lumber, and manufactured lumber products originating in this state from local forest products shall be used whenever practical.

Pursuant to AS 36.15.050 and AS 36.30.322, agricultural and timber, lumber and manufactured lumber products harvested in Alaska shall be used in state funded projects whenever they are priced no more than seven percent above agricultural/wood products harvested outside the state and are of a like quality as compared with agricultural/wood products harvested outside the state. The Contractor shall maintain records which establish the type and extent of Alaska agricultural/wood products utilized. When such products are not utilized, the Contractor shall document the efforts the Contractor made towards obtaining agricultural/wood products harvested in Alaska and include in this documentation a written statement that the Contractor contacted the manufacturers and suppliers identified on the Department of Commerce and Economic Development's list of suppliers of Alaska forest products concerning the availability of agricultural/wood products harvested in Alaska and, if available, the product prices. The Contractor shall complete this documentation at a time determined by the district's project manager.

The Department of Commerce and Economic Development's list of suppliers of Alaska forest products is available at:
http://www.commerce.state.ak.us/ded/dev/prodpref/fppproduct.cfm

The Contractor's use of agricultural/wood products that fail to meet the requirements of this section shall be removed and replaced in accordance with **Division 0, Section 00700, paragraph 13.3** of the contract. In addition, pursuant to AS 36.15.050(d), the district may withhold payment until the Contractor complies with this section.

To clarify, the actions required by the successful bidder awarded the contract are as follows:

- For all lumber items required under the contract the Contractor will contact all applicable suppliers of Alaska forest products to determine availability and cost.
- Contractor must use lumber from the suppliers of Alaska forest products unless the cost of the Alaska forest products that are of like quality is seven percent higher than non-Alaska produced forest products, or the Alaska forest products are not available.
- Contractor must maintain records showing efforts made in using Alaska forest products or evidence of Alaska forest products not being available or reasonably competitive.
- The records showing compliance with the Alaska forest products preference must be provided to Owner during the submittal process (Division 1, Section 01300).
- Per AS 36.15.010 if the Contractor fails to provide evidence regarding proper sourcing and comparison of Alaska forest products, the District shall withhold payment until the Contractor complies.

ARTICLE 9

Add the following new Paragraph 9.12, Liquidated Damages:

9.12 LIQUIDATED DAMAGES

9.12.1 Should the Contractor fail to substantially complete the Work on or before any date stipulated for Substantial Completion (or such later date as may result from extension of time granted by the Owner), he shall pay the Owner, as liquidated damages, the sum of one thousand dollars and no cents ($1,000.00) for each consecutive calendar day that terms of the contract remain unfulfilled beyond the date allowed by the Contract, which sum is agreed upon as a reasonable and proper measure of damages which the Owner will sustain per day by failure of the Contractor to complete work within time as stipulated; it being recognized by the Owner and to the Contractor that the injury to the Owner which could result from a failure of the Contractor to complete on schedule is uncertain and cannot be computed exactly. In no way shall costs for liquidated damages be construed as a penalty on the Contractor.

9.12.2 For each consecutive calendar day that the Work remains incomplete after the date established for Final Completion, the Owner will retain from the compensation otherwise to be paid to the Contractor the sum of one thousand dollars and no cents ($1,000.00). This amount is the minimum measure of damages the Owner will sustain by failure of the Contractor to complete all remedial work, correct deficient work, clean up the project and miscellaneous tasks as required to complete all work specified.

9.12.3 In no instance shall more than one thousand dollars and no cents ($1,000.00) a day are assessed for liquidated damages for work, which remains incomplete.

ARTICLE 10

Add the following new Paragraph 10.4, Compliance:

10.4 COMPLIANCE

10.4.1 When the school is in session the Contractor will be restricted to the areas, which do not interfere with school operations. These areas shall be safety and security fenced to not impact school operations. Additional areas may be utilized upon concurrence of the Project Manager. The Contractor shall minimize his impact on education while his work is in progress. Workers must stay out of school while school is in session. All renovation work in the existing school, including sprinklers, must be performed while school is not in session. If scheduling pushes this work into the school session, then the work must be performed on nights and weekends.

10.4.2 The Contractor must maintain interior building fire exits through the construction areas and maintain these exits during all school operation hours. These exit routes may not be modified without concurrence of the Project Manager and the School Principal.

ARTICLE 11

Remove and replace Section 11.3.3.1 with the following:

11.3.3.1 The Contractor shall maintain an umbrella liability policy according to the following:

Projects < $2 million construction cost - $1,000,000 per occurrence and annual aggregate.

Projects < $10 million construction cost – $5,000,000 per occurrence and annual aggregate.

Projects > $10 million construction cost – $10,000,000 per occurrence and annual aggregate.

This requirement does not apply to Subcontractors.

Article 11, 11.4: Delete this section in its entirety and replace with the following:

Builders Risk insurance is not required for scope of work identified in this project.

ARTICLE 12

Article 12, 12.5.2: Delete this section in its entirety and replace with the following:

Disputes between the Owner and the Contractor will be processed through the appeal process described in 12.5.3.

Article 12, 12.5.3: Delete this section in its entirety and replace with the following:

12.5.3 Appeal Process

12.5.3.1 The contractor will submit in writing the issue(s) being claimed and the Project Manager will review. The Project Manager may visit the site, schedule a review hearing, or request additional information in order to fully evaluate the issues of the claim. The Project Manager will send the written decision to the Contractor within ten (10) days of receipt of claim.

12.5.3.2 If the Contractor does not agree with the decision of the Project Manager, within ten (10) days from the receipt of the written decision by the Project Manager, the Contractor may request an appeal of the decision to the Senior Director of Capital Planning & Construction. The Senior Director of Capital Planning & Construction will then have ten (10) days to review the issue(s) and send a written decision to the Contractor.

12.5.3.3 If the Contractor does not agree with the decision of the Senior Director of Capital Planning & Construction, within ten (10) days from the receipt of the written decision by the Senior Director of Capital Planning & Construction, the Contractor may request an appeal of the decision to the Chief Operating Officer. The Chief Operating Officer will then have ten (10) days to review the issue(s) and send a written decision to the Contractor.

12.5.3.4 If the Contractor does not agree with the final decision rendered by the Chief Operating Officer, it may pursue litigation.

12.5.3.5 The Contractor may bring no action on claims unless the claims have been properly raised in accordance with all notice provisions of the conditions and considered in the above dispute-resolution procedures.

12.5.3.6 The Contractor shall diligently carry on the Work and maintain the progress schedule during any dispute-resolution proceedings, unless

otherwise agreed in writing.

12.5.3.7 Any step in the process identified above can be waived only by explicit written waiver by both parties.

Article 12, 12.5.4: Delete this section in its entirety.

END OF SECTION

WAGE RATES

1. GENERAL

A. STATE OF ALASKA PREVAILING WAGE SCALE AND ALASKA HIRE

Attention of bidders is particularly called to the requirements as to conditions of employment to be observed and minimum wage rates to be paid under the Contract. Among other things, the requirements of Alaska's Little Davis Bacon Act (AS 36.05.010) are applicable to this project. Each bidder must inform himself/herself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his/her obligation to furnish all material and labor necessary to carry out the provisions of the Contract.

State Labor Wage and Hour Administration Pamphlets No. 600 for Laborers' and Mechanics' are updated on April 1, and September 1. 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 your bid.

For copies of this pamphlet, contact the nearest office of the Division of Labor Standards and Safety, Wage and Hour office or visit the internet site at:

http://labor.state.ak.us/lss/pamp600.htm

END OF SECTION

SUMMARY OF WORK

PART 1. GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.02 WORK COVERED BY CONTRACT DOCUMENTS

A. The Work of this Contract comprises the general construction upgrade of the Playground identified in the Solicitation including all noted site improvements.

B. Definition of Site: Wherein the term Site is used in the contract documents, it shall mean the areas where work is to be performed; located as identified in the Solicitation and on the Contract Drawings.

C. Acceptance of Site: The Contractor shall fully inform himself of the areas in which work is to be processed, material delivered, and limitation in working conditions, and access to work areas.

D. Existing Conditions: The drawings may not show all arrangements and condition of the site as they now exist. The Contractor shall be responsible for a complete visual inspection.

1.03 CONTRACT

A. Construct the work under a single fixed price contract as bound herein.

B. It is the intent of these documents to require all work for a complete facility and plant with only minor owner-furnished items to be incorporated. See technical sections for specifics.

1.04 WORK FURNISHED AND INSTALLED BY OWNER

A. Equipment and furniture as noted in documents. Other Contractors or ASD Maintenance personnel may be performing work at this facility concurrent with this project. See Section 1.07 below for requirements concerning coordination with Contractor’s work.

1.05 GENERAL PROJECT DESCRIPTION

A. General Description: Bowman ES Playground, 11700 Gregory Rd, Anchorage, AK 99516

B. Construction: Base bid consists of the demolition and replacement of both age-group playground areas, removing an existing retaining wall to improve safety & aesthetics, and relocating select existing benches and play structures to better accommodate the new layout. The scope will also incorporate adding new equipment and replacing outdated pieces. Removing existing playground surfacing and replacing with a mix of new PIP surfacing & surfacing tiles. The project will also include replacement and addition of new sections of fencing where needed to ensure a secure playground environment.

C. Sequence the start, conduct and completion of Work as required in Section 00200, Project Schedule Milestone Dates.

1.06 CONTRACTOR'S USE OF PREMISES

A. Limit use of premises for work and for storage to allow for:

1. Area of site indicated on Contract Drawings
2. Owner occupancy of existing building
3. Public use
4. Coordinated use of premises under direction of Project Manager.
5. Full responsibility for protection and safekeeping of products under this Contract stored at Site.
6. Moving any stored products, under Contractor's control, which interfere with operations of Owner or separate Contractor.

1.07 OWNER'S USE OF PREMISES

A. During the regular school year, conduct operations to minimize interference with normal school operations.

B. Schedule any work which could interfere with school operations during summer vacation or when the school is not in session during the regular year.

C. Cooperate with Project Manager in conducting operations to minimize conflict with and to facilitate Owner usage as established by the Project Manager.

D. Schedule work to maintain Owner’s continuous operation. Include in contract sum sufficient funds as may be required for any “after-hours” work caused by this requirement. No additional payment to Contractor will be authorized because of Contractor’s failure to anticipate required “after-hours” work.

E. At all times conduct operation as to ensure the least inconvenience to students, staff, visitors, and the general public.

F. The contractor shall provide advance notice at least 72 hours prior to any utility outages or other operations anticipated to inconvenience the school activities. The Project Manager will review and evaluate the request. The contractor may have to reschedule the operations to another time that will not impact school activities.

G. The Contractor shall be responsible for maintaining power to the Fire Alarm, Security and Network systems to ensure they are in proper working order throughout the project. If the systems must be off-line during the project, the Contractor shall obtain written approval from the Project Manager. During any time in which the fire alarm or security system is not operational, the Contractor shall provide a fire watch and security watch 24 hours a day, 7 days a week, for the entire period of the shutdown at no additional cost to ASD. The Contractor shall notify the ASD Project Manager of the intended method 72 hours prior to the shutdown.

1. An acceptable method of maintaining power to the fire alarm and security panels includes maintaining power during the entire period of the Electrical Utility Shutdown.

H. While school is occupied by students and the general public the contractor must keep operational the emergency egress lighting.

1.08 COORDINATION OF NOISE, DUST AND FUMES

A. Contain noise, dust and fumes within work area. Notify Project Manager at least 24 hours

prior to any necessary excessive noise, dust or fumes. Comply with the Project Manager's instructions.

1.09 PRODUCTS FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR

A. Owner's Responsibilities:

1. Arrange for and deliver necessary shop drawings, product data, and samples to Contractor.
2. Arrange and pay for product delivery to Site in accordance with construction schedule.
3. Deliver supplier's bill of materials to Contractor.
4. Inspect deliveries jointly with Contractor
5. Submit claims for Transportation damage.
6. Arrange for replacement of damaged, defective, missing or otherwise unacceptable items.
7. Arrange for manufacturer's warranties, bonds, service, and inspections as required.

B. Contractor's Responsibilities:

1. Designate delivery date for each product in construction schedule.
2. Receive and unload products at Site.
3. Promptly inspect products jointly with Owner, record shortages, damaged or defective items.
4. Handle products at Site, including uncrating and storage.
5. Protect products against damage and discoloration.
6. Assemble, install, connect, adjust, and finish products, as stipulated in respective Specification Sections.
7. Clean, repair, or replace items damaged by Contractor.

1.10 SALVAGE RIGHTS

A. Except where noted otherwise on contract documents, existing equipment which is removed as a part of the work shall become the property of the Contractor to dispose of as he sees fit.

B. Remove scheduled materials and equipment without damaging items. Store items in protected environment. Coordinate with Owner for pick up and/or delivery to the owner. If delivered to the owner include project name and school for easy identification.

1.11 USE OF OWNER'S PROPERTY AND EQUIPMENT

A. Use of Owner's property or equipment such as tools, ladders, furniture, janitorial equipment and supplies, etc., is strictly prohibited.

1.12 PERMITTING

A. Contractor shall obtain all necessary building permits required to complete the scope of work identified in the contract documents. These include any/all subcontractor or specialty permits.

B. Contractor shall ensure all required Municipal inspections, in accordance with the aforementioned permits, are requested and conducted prior to covering, closing or concealing the work in the field. Understanding and adhering to all MOA inspection requirements is mandatory. The Owner is not liable for re-inspection or rework costs associated with non-conforming or prematurely concealed work.

C. Contractor shall maintain an inspection log and retain copies of all inspection reports, on site, for review by inspection officials and district project representatives.

D. The District will be requiring preconstruction meeting with municipality building safety department.

END OF SECTION

BID ALTERNATES

PART 1. GENERAL

1.01 DESCRIPTION

A. Work included:

To allow the Owner to compare total costs where alternate materials and methods might be used, certain alternatives have been established as described in this Section of these Specifications.

B. Related work described elsewhere:

1. Pertinent Sections of these Specifications describe materials and methods required under the various alternatives.
2. The method for stating the proposed contract amount is described on the Bid Form.

1.02 SUBMITTALS

A. All alternatives described in this Section of these Specifications are required to be reflected in the space provided on the Bid Form for this work. However, do not submit alternatives other than those described in this Section. Amounts submitted for alternatives shall include all overhead, profit, bonds, insurance and similar related costs.

1.03 BASE BID

A. Includes all Work shown on Drawings or included in Specifications, excepting only that Work specifically noted in the following Alternate Bids, and that Work specifically noted as excepted.

PART 2. PRODUCT

2.01 DESCRIPTION

A. This Project consists of the Basic Bid and noted Alternates. The Contract Documents have been prepared to show both basic and alternate work. In case the alternate work is not included in the contract work it will be the Contractor's responsibility to construct basic work by excluding alternate work as described below. Revised drawings excluding alternate work will not be issued.

B. Work required by the following alternates shall include the finishing of all labor and materials to provide a complete and usable finished installation.

C. The extent of alternates is described on the Drawings or specified herein.

D. The Technical Specifications shall apply to all alternates unless modified herein.

2.02 LIST OF ALTERNATES

A. Alternate Number One: Added surfacing & equipment – Area A as noted on the drawings.

B. Alternate Number Two: Added surfacing - Area B as noted on the drawings.

PART 3. EXECUTION

3.01 ADVANCE COORDINATION

A. Immediately after award of the contract, or as soon thereafter as the Owner has made decision on which if any alternatives will be selected, thoroughly and clearly advise all necessary personnel and suppliers as to the nature and extent of alternatives selected by the Owner. Use all means necessary to alert those personnel and suppliers involved as to all changes in the work caused by the Owner's selection or rejection of alternatives.

END OF SECTION

PROJECT COORDINATION

PART 1. GENERAL

1.01 GENERAL CONTRACTOR

A. Coordinate work of his own employees and subcontractors and coordinate his work with that of other contractors and Owner.

B. Expedite his work to assure compliance with schedules.

C. Comply with orders and instructions of the Project Manager.

D. Monitor and control the use of site:

1. Supervise field engineering and site layout.
2. Allocate space for each subcontractor's use for field offices, sheds, work and storage areas.
3. Establish access, traffic, parking allocations, and regulations.

1.02 GENERAL AND SUBCONTRACTORS SHALL DILIGENTLY COMPLY WITH THE FOLLOWING:

A. Cooperate in planning and layout of the work well in advance of operations. Inform other contractors of requirements at proper time to prevent delay or revisions.

B. Be informed of the requirements of other contractors and check own work for conflicts with the work of others.

C. Ensure delivery of materials and performance of work on coordinated schedule with other contractors.

D. Be responsible for proper layout of the work, and for all lines and measurements for all of the work executed under the contract documents. Verify the figures shown on the drawings before laying out the work and report any inaccuracies in writing to the Project Manager before commencing work. The Owner, Architect or their representative will in no case assume the responsibility for layout of the work.

E. The mechanical and electrical trades shall be responsible for the layout of the ductwork, piping and conduits based on the reference lines established.

1.03 COORDINATING UTILITIES

A. Cooperate and coordinate work with all utilities to be installed for service to Project. Utilities may include, but are not limited to water, sewer, natural gas, telephone, electrical, and cable television. Contractor shall maintain communication with utilities in order to coordinate time and requirements of utilities' installation.

B. Contractor shall provide all work necessary to comply with requirements of Contract Documents for Utility work that does not meet Contract Document requirements, or for work that is disturbed by utility installation.

1.04 OWNER NOTIFICATION/REIMBURSEMENT

A. Provide the Owner forty-eight (48) hours advance notice of his intention to work overtime, nights, Sundays or holidays, or anytime outside the usual working hours. In no case will the Contractor do any such work without first notifying the Owner to permit arrangements for proper inspection. Unless of an emergency nature, work performed in violation of this paragraph will not be paid for.

B. Reimburse the additional cost to the Owner for inspection work on Sundays or recognized holidays. Such reimbursement shall include all additional costs to the Owner.

C. Reimbursement for inspection or observation required of the Project Manager or the Engineer on Sundays or recognized holidays shall be at the rate of One Hundred Fifty dollars ($150.00) per man-hour of work.

D. The contractor shall reimburse the additional cost to the owner, architect and consultants for inspection work beyond a first substantial of first final completion inspections. The contractor is expected to be virtually complete at time of substantial completion inspection with only minor punchlist items remaining. Should punchlist items remain at time of final inspection and should subsequent inspections be required, the contractor shall pay all costs for all.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

CUTTING AND PATCHING

PART 1. GENERAL

1.01 DESCRIPTION OF WORK

A. Cutting and patching is defined to include, but it not necessarily limited to, the cutting and patching of nominally completed work, and is defined to exclude integral cutting and patching during the manufacturing, fabricating, erecting, and installing process for individual units of work.

B. Contractor shall be responsible for all cutting, fitting, and patching required to complete the work or to:

1. Accommodate the coordination of work.
2. Provide for installation of other work.
3. Remove and replace defective work.
4. Remove and replace work not conforming to requirements of Contract Documents.
5. Uncover other work for access or inspection.
6. Obtain samples for testing or similar purposes.
7. Provide routine penetrations of nonstructural surfaces for installation of piping and electrical conduit.

1.02 RELATED REQUIREMENTS

A. Section 00700 Article 4.14.

B. Section 01010 - Summary of Work.

C. Individual Specification Sections:

1. Cutting and patching incidental to work of the Section.
2. Advance notification to other Sections of openings required in work of those Sections.
3. Limitations on cutting structural members.

1.03 SUBMITTALS

A. Ten (10) days prior to beginning any demolition activities, the Contractor shall provide written notification to EPA, in accordance with NESHAP regulations, with copy to Project Manager. Notice shall indicate asbestos containing materials are or are not anticipated to be encountered. If no asbestos is anticipated, a negative declaration is made addressing 40CFR61.146 (a), (b) and (c,1-5).

B. Submit written request in advance of cutting or alteration which affects:

1. Structural integrity of any element of Project.
2. Integrity of weather-exposed or moisture-resistant element.
3. Efficiency, maintenance, or safety of any operational element.
4. Visual qualities of sight-exposed elements.
5. Work of Owner or separate contractor.

C. Include in Request:

1. Identification of Project.
2. Location and description of affected work.
3. Necessity for cutting and alteration.

4. Description of proposed work. Designate:

   a. Scope of cutting and patching.
   b. Contractor and trades to execute work.
   c. Products proposed to be used.
   d. Extent of refinishing.

5. Date and time work will be executed.

PART 2. PRODUCTS

2.01 MATERIALS

A. For replacement of work removed, comply with specifications for type of work to be done, unless otherwise noted.

B. Provide materials for cutting and patching which will result in equal to or better than the work being cut and patched in terms of performance characteristics and visual effect where applicable.

PART 3. EXECUTION

3.01 GENERAL

A. Execute cutting, fitting, and patching to complete Work, and to:

1. Fit the several parts together, to integrate with other Work.
2. Uncover work to install or correct ill-timed Work.
3. Remove and replace defective and non-conforming Work.
4. Remove samples of installed Work for testing.
5. Provide openings in elements of Work for penetrations of mechanical and electrical work.
6. Repair surfaces damaged by removal or relocation of surface mounted or built-in items.

3.02 INSPECTION

A. Inspect existing conditions, including elements subject to damage or movement during cutting and patching.

B. Do not cut and patch work which is exposed to view in a manner resulting in a reduction of visual qualities or resulting in substantial evidence of the cut and patch work. Remove and replace work judged by Project Manager to be visually unsatisfactory.

C. After uncovering, inspect conditions affecting performance of work.

D. Beginning of cutting or patching means acceptance of existing conditions.

3.03 PREPARATION

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by cutting and patching operations, as directed. Return adjacent areas to condition existing prior to start of work.

B. Provide supports to assure structural integrity of surroundings; devices and methods to

protect other portions of Project from damage.

C. Provide protection from elements for areas which may be exposed by uncovering work; maintain openings free of water.

3.04 PERFORMANCE

A. Execute work by methods to avoid damage to other work, and which will provide proper surfaces to receive patching and finishing.

B. Restore work with new products in accordance with requirements of Contract Documents.

C. Fit work airtight to pipes, sleeves, ducts, conduit, and other penetrations through surfaces. Maintain all fire assembly rating wall or area separation construction in accordance with applicable codes.

D. Refinish surfaces to match adjacent finishes. For continuous surfaces, refinish to nearest intersection; for an assembly, refinish entire unit.

END OF SECTION

FIELD ENGINEERING

PART 1. GENERAL

1.01 REQUIREMENTS INCLUDED

A. Provide and pay for field engineering services required for project, i.e., civil, structural, or other professional engineering services required to execute Contractor's construction methods.

1.02 RELATED REQUIREMENTS

A. Conditions of the contract.

B. Section 01010: Summary of Work.

C. Section 01700: Project Closeout.

1.03 QUALIFICATIONS OF SURVEYOR AND ENGINEER

A. Provide Qualified Professional Engineer and Registered Land Surveyor with current Alaska license and acceptable to Contractor and Owner.

1.04 SURVEY REFERENCE POINTS

A. Locate and protect bench marks, monuments, and other control points prior to starting site work, preserve all permanent points during construction.

1. Make no changes or relocations without prior written notice to Project Manager.
2. Report to Project Manager when any reference point is lost, destroyed or required relocation because of necessary changes in grades or locations.
3. Require surveyor to replace project control points which may be lost or destroyed and establish replacements based on original survey control.

1.05 PROJECT SURVEY REQUIREMENTS

A. Establish a minimum of two permanent bench marks on site, referenced to data established by survey control points.

B. Record locations, with horizontal and vertical data, on Project Record Documents.

C. Establish and identify lines, levels, contours, and datum by instrumentation or similar appropriate means for:

1. Stakes for grading, fill, and topsoil placement.
2. Utility slopes and invert elevations.
3. Batter boards for structures.
4. Building foundation, column locations, and floor levels.
5. Controlling lines and levels required for mechanical and electrical trades.

D. From time to time, verify layouts by same methods.

1.06 RECORDS

A. Maintain a complete, accurate log of all control and survey work as it progresses.

1.07 SUBMITTALS

A. Submit name and address of Surveyor and Professional Engineer to Project Manager.

B. On request of Project Manager, submit documentations to verify accuracy of field engineering work.

C. Submit certificate signed by Registered Engineer and Surveyor certifying that elevations and locations of improvements are in conformance with Contract Documents in the form of an “As-Built” survey.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

REGULATORY REQUIREMENTS

PART 1. GENERAL

1.01 BUILDING CODES

A. Construction which is not governed by a local building code or the Contract Specifications will be governed by the more stringent provisions of the latest published edition of Statute adopted edition with MOA local amendments, of the following applicable codes and regulations:

1. International Building Code (IBC)
2. International Existing Building Code (IEBC)
3. International Energy Conservation Code (IECC)
4. International Fuel Gas Code (IFGC)
5. International Mechanical Code (IMC)
6. International Fire Code (IFC)
7. National Electrical Code (NEC)
8. Uniform Plumbing Code (UPC)
9. ASHRAE 90-75 as applicable to Alaska
10. National Fire Code, Volumes 1-10
11. National Electrical Safety Code
12. NFPA Life Safety Code
13. NFPA National Fire Code
14. ADA Guidelines
15. Accessible and Useable Buildings and Facilities (ICC/ANSI A117.1)

1.02 APPLICABLE STANDARDS

A. Where indicated, comply with the requirements and recommendations of the standards and other publications, except to the extent more detailed or more stringent requirements are indicated, including those of applicable codes and governing regulations.

B. Where two or more standards or recommendations of trade associations apply to the same quality control requirement for the work, comply with the most stringent. Refer uncertain instances to the Project Manager for a decision.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

ABBREVIATIONS AND DEFINITIONS

PART 1. GENERAL

1.01 ABBREVIATIONS

A. References in the contract documents to publications and recommendations by either name or abbreviation thereof include but are not necessarily limited to the following trade associations, technical societies, government agencies, recognized authorities and standards.

AAMA	Architectural Aluminum Manufacturers Association
AASHTO	American Association of State Highway and Transportation Officials
ACI	American Concrete Institute
AGA	American Gas Association
AGC	The Associated General Contractors of America
AI	The Asphalt Institute
AIA	The American Institute of Architects
AISC	American Institute of Steel Construction, Inc.
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
ANSI	American National Standards Institute
APA	American Plywood Association
ASAHC	American Society of Architectural Hardware Consultants
ASHRAE	American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWI	Architectural Woodwork Institute
AWPA	American Wood-Preservers' Association
AWPB	American Wood-Preservers' Bureau
AWS	American Welding Society, Inc.
CPSC	Consumer Product Safety Commission
CRA	California Redwood Association
CRSI	Concrete Reinforcing Steel Institute
CS	Commercial Standard of NBS (U.S. Department of Commerce)
CSI	The Construction Specifications Institute, Inc.
EPA	Environmental Protection Agency
FM	Factory Mutual Engineering Corp.
FGMA	Flat Glass Marketing Association
FS	Federal Specification (General Services Administration)
GA	Gypsum Association
HPMA	Hardwood Plywood Manufacturers Association
IBC	International Building Code
MFMA	Maple Flooring Manufacturers Association
MLMA	Metal Lath/Manufacturers Association
NAAMM	The National Association of Architectural Metal Manufacturers
NBFU	National Board of Fire Underwriters
NBHA	National Builders Hardware Association
NBS	National Bureau of Standards (U.S. Department of Commerce)
NEC	National Electrical Code by NFPA
NEMA	National Electrical Manufacturers Association
NFPA	National Fire Protection Association
N.F.P.A.	National Forest Products Association
NRCA	National Roofing Contractors Association

NSF	National Sanitation Foundation
NWMA	National Woodwork Manufacturers Association, Inc.
OSHA	Occupational Safety and Health Administration
PCA	Portland Cement Association
PCI	Prestressed Concrete Institute
RIS	Redwood Inspection Service (Grading Rules)
SDI	Steel Deck Institute
S.D.I.	Steel Door Institute
SIGMA	Sealed Insulating Glass Manufacturers Association
SJI	Steel Joist Institute
SMACNA	Sheet Metal and Air Conditioning Contractor's National Association, Inc.
SPR	Simplified Practice Recommendation of NBS
SSPC	Steel Structures Painting Council
TCA	Tile Council of America, Inc.
UL	Underwriters' Laboratories, Inc.
WCLA	West Coast Lumbermen's Association
WCLB	West Coast Lumber Inspection Bureau (Grading Rules)
WRI	Wire Reinforcing Institute
WWPA	Western Wood Products Association (Grading Rules)
W.W. P.A.	Woven Wire Products Association

B. Refer to individual sections for other names and abbreviations of trade associations and standards applicable to specific portions of the work.

1.02 SPECIFICATION EXPLANATION

A. The specifications are divided into divisions and sections for the convenience of writing and using. The titles of these are not intended to imply a particular meaning nor to fully describe the work of each division or section, nor to define the limits of any subcontract.

B. These specifications are of the abbreviated, or "streamlined" type, and may include incomplete sentences.

C. Omissions of words or phrases such as "the Contractor shall", "in conformity therewith", "shall be", "as noted on the drawings", "according to the plans", "a", "an", "the", and "all" are intentional.

D. Omitted words or phrases shall be supplied by inference in the same manner as they are when a "note" occurs on the drawings.

1.03 DEFINITIONS

A. Certain terms used generally throughout the specifications (and drawings) are hereby defined as follows:

1. Indicated: A cross reference to details, notes or schedules on the drawings, other paragraphs or schedules in the specifications, and similar means of recording requirements in the contract documents. Where terms such as "shown", "noted", "scheduled", and "specified" are used in lieu of "indicated", it is for the purpose of helping the reader accomplish the cross reference, and no limitation of location is intended except as specifically noted.
2. Installer: The person or entity engaged by the Contractor or his Subcontractor or Sub-subcontractor for the performance of a particular unit or work at the project site, including installation, erection, application, and similar required operations. It is a general requirement that installers be recognized experts in the work they are

engaged to perform.

3. Furnish: Except as otherwise defined in greater detail, the term “furnish” is used to mean “...supply and delivery to the project site, ready for unpacking, assembly and installation...”.
4. Provide: Except to the extent further defined, the term “provide” means to furnish and install, complete and ready for the intended use.

1.04 DRAWINGS, DIMENSIONS AND MEASUREMENTS

A. Where on any of the drawings a portion of the work is drawn out and the remainder is indicated in outline, the parts drawn out shall apply also to all other portions of the work.

B. Wherever a detail is referenced and developed for a specific condition, same or similar detail shall apply to identical or similar conditions elsewhere on project even though not specifically referenced.

C. Where the word “similar” occurs on the drawings, it shall be interpreted in its general sense and not as meaning identical, and all details shall be worked out in relation to their location and their connection with other parts of the work.

D. The figured dimensions on the drawings or notes indicating dimensions shall be used instead of measurements of the drawings by scale, and shall be strictly complied with.

E. No scale measurements shall be used as a dimension to work with except on “full size” drawings not dimensioned.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

REFERENCED SPECIFICATIONS AND STANDARDS

PART 1. GENERAL

1.01 QUALITY ASSURANCE

A. For products or workmanship specified by Referenced Specification or Standard, comply with requirements of the specification or standard, except when more rigid requirements are specified or are required by governing codes.

B. Except where a specific date is specified, the date of the referenced specification standard is that in effect as of the bid date.

C. Obtain a copy of all Referenced Specifications and Standards, and maintain at Jobsite during the specific work until Substantial Completion of the Project.

1.02 SCHEDULE OF REGULATORY AGENCY REFERENCES

A.	AASHTO	American Association of State Highway and Trans. Officials 444 North Capitol Street, N.W. Washington, DC 20001
B.	AAC	Anchorage Administrative Code (and Local Amendments) Municipality of Anchorage 4700 Elmore Rd Anchorage, AK 99507
C.	ADA	Americans with Disabilities Act The Disabilities Rights Section Civil Rights Division P.O. Box 66738 Washington, DC 20035-6738
D.	ANSI	American National Standards Institute 1430 Broadway New York, NY 1018
E.	ASA	American Standards Association Now known as ANSI (See above)
F.	ASTM	American Society for Testing Materials 1916 Race Street Philadelphia, PA 19103
G.	ATBCB	The U.S. Architectural and Transportation Barrier Compliance Board Suite 1000, 131 F St. NW Washington, DC 20004-1111
H.	CS	Commercial Standards of the Commodities Division of the Department of Commerce Washington, DC 20006
I.	FM	Factory Mutual Engineering and Research Corporation P. O. Box 688 Norwood, MA 02062
J.	F.S.	Federal Specifications of the United States General Services Administration Specifications and Consumer Information Distribution Section (WFSIS)

Washington, DC 20407

K. IBC — International Building Code published by the International Code Council (ICC)
4051 West Flossmoor Road
Country Club Hills, IL 60478-5795

L. IEBC — International Existing Building Code
Published by ICC (See IBC above)

M. ICC/ANSI A117.1-2003
Accessible and Usable Buildings and Facilities
Published by ICC (See IBC above)

N. IECC — International Energy Conservation Code
Published by ICC (See IBC above)

O. IFC — International Fire Code
Published by ICC (See IBC above)

P. IFGC — International Fuel Gas Code
Published by ICC (See IBC above)

Q. IMC — International Mechanical Code
Published by ICC (See IBC above)

R. MOA — Municipality of Anchorage MASS Specifications
Public Works Dept.
4700 Elmore Rd
Anchorage, AK 99507

S. NBFU — National Bureau of Fire Underwriters
85 John Street
New York, NY 10017

T. NEC — National Electric Code published by the National Fire Protection Association
(See NFPA below)

U. NFPA — National Fire Protection Association
Battery March Park
Quincy, MA 02269

V. PS — Product Standards of the Commodities
Division of the Department of Commerce
Washington, DC 20203

W. UPC — Uniform Plumbing Code
Published by IAPMO
5001 East Philadelphia Street
Ontario, CA 91761-2816

X. UL — Underwriter's Laboratories
333 Kingston Road
Northbrook, IL 60062

Y. State of AK — State of Alaska Amendments
Fire and Life Safety Regulations
Juneau, AK

1.03 TRADE ASSOCIATION REFERENCES

A. See specific specification sections.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

ALTERATION PROCEDURES

PART 1. GENERAL

1.01 DESCRIPTION OF WORK

A. Part of alteration work may expose portions of the building to the elements. During such periods Contractor shall take all necessary precautions to protect building elements to remain. Any damage due to negligence shall be repaired at no cost to the Owner.

B. In addition to Cutting and Patching (Section 01045) and cut, move, or remove items as necessary to provide access or to allow alterations and new work to proceed. Include such items as:

1. Repair or removal of hazardous or unsanitary conditions.
2. Removal of abandoned items and items serving no useful purpose such as abandoned piping, conduit, and wiring.
3. Removal of unsuitable or extraneous materials not marked for salvage, such as abandoned furnishings and equipment, and debris such as rotted wood, rusted metals, and deteriorated concrete.
4. Cleaning of surfaces, and removal of surface finishes as needed to install new work and finishes.

1.02 RELATED REQUIREMENTS

A. Section 00700 and 00800 - General and Supplementary General Conditions.

B. Section 01045 - Cutting and Patching.

C. Section 01300 - Submittals.

D. Section 01500 - Temporary Facilities and Controls.

1.03 COORDINATION

A. Coordinate scheduling, submittals, and Work of the various Sections of Specifications to assure efficient and orderly sequence of installation of interdependent construction elements, with provisions for accommodating items installed later.

B. Verify that utility requirement characteristics of operating equipment are compatible with building utilities. Coordinate work of various Sections having interdependent responsibilities for installing, connecting to, and placing in service, such equipment.

C. Coordinate space requirements and installation of mechanical and electrical work which are indicated diagrammatically on Drawings. Follow routing shown for pipes, ducts, and conduit, as closely as practicable; place runs parallel with line of building. Utilize spaces efficiently to maximize accessibility for other installations, for maintenance, and for repairs.

D. In finished areas, except as otherwise indicated, conceal pipes, ducts, and wiring within the construction. Coordinate locations of fixtures and outlets with finish elements.

E. Coordinate completion and cleanup of Work of separate sections in preparation for Substantial Completion.

F. After Owner occupancy of premises, coordinate access to site for correction of defective

Work and Work not in accordance with Contract Documents, to minimize disruption of Owner's activities.

PART 2. PRODUCTS

2.01 ALTERATION PROJECT PROCEDURES

A. Materials: As specified in Product Sections; match existing Products and work for patching and extending work.

B. Close openings in exterior surfaces to protect existing work from weather and extremes of temperature and humidity.

C. Remove, cut, and patch Work in a manner to minimize damage and to provide a means of restoring Products and finishes to specified condition.

D. Refinish visible existing surfaces to remain in renovated rooms and spaces, to specified condition for each material, with a neat transition to adjacent finishes.

E. Where new Work abuts or aligns with existing, perform a smooth and even transition. Patched Work to match existing adjacent Work in texture and appearance.

F. When finished surfaces are cut so that a smooth transition with new work is not possible, terminate existing surface along a straight line at a natural line of division and make recommendation for Project Manager review and approval.

G. Where a change of plane of 1/8 inch or more occurs, submit recommendation for acceptable transition for Project Manager review and approval.

H. Patch or replace portions of existing surfaces which are damaged, lifted, discolored, or showing other imperfections.

I. Finish surfaces as specified in individual Product Sections.

PART 3. EXECUTION (NOT USED)

END OF SECTION

PROJECT MEETINGS

PART 1. GENERAL

1.01 DESCRIPTION

A. Work Included:

1. In general, project meetings will be held weekly at the job site in accordance with a mutually acceptable schedule. The Project Manager will conduct project meetings throughout the construction period.
2. The purpose of the project meetings is to enable orderly review of progress during construction and to provide for systematic discussion and analysis of problems that might arise between the Owner, Project Architect, Project Manager and/or Contractor relative to execution of the work.

B. Related Work described elsewhere:

1. The Contractor's relations with his subcontractors and material suppliers, and discussions relative thereto, are the Contractor's responsibility as described in the General Conditions and are not part of project meetings content.
2. Section 01400 describes the requirements for quality control meetings that will be held in addition to the requirements of this section.

1.02 AUTHORITY DESIGNATION

A. Persons designated by the Contractor to attend and participate in project meetings shall have all required authority to commit the Contractor to solutions as agreed upon in the project meetings.

1.03 SUBMITTALS

A. Agenda Items:
To the maximum extent possible, advise the Project Manager forty-eight (48) hours in advance of the project meeting regarding all agenda items to be discussed, including tours in advance of the meeting.

1.04 AGENDA

A. Preconstruction Meeting

1. The Project Manager will conduct this meeting within fifteen (15) days after date of Notice to Proceed.
2. Location:

   Anchorage School District
   Capital Planning & Construction
   1301 Labar Street
   Anchorage, Alaska 99515
   (907) 348-5190

3. Attendance:

   a. ASD Construction Supervisor
   b. ASD Project Manager
   c. Architect and his Professional Consultants
   d. Contractor's Project Manager and Superintendent

e. Major Subcontractors, as appropriate
f. Major Suppliers, as appropriate
g. Others as appropriate

4. Agenda items will include, but not be limited to:

a. Designation of responsible personnel
b. Distribution (by Contractor) and discussion of list of major Subcontractors and Suppliers with addresses and telephone numbers
c. Project coordination
d. Procedures and processing of:

(1) Field decisions
(2) Submittals
(3) Proposal requests
(4) RFI's Change Orders
(5) Applications for Payment
(6) Schedules and Reports

e. Discussion of initial Project Schedule
f. Critical work sequencing
g. Major equipment deliveries and priorities
h. Adequacy of Contract Documents distribution
i. Procedures for maintaining Record Documents
j. Use of premises:

(1) Office, work, and storage area
(2) Owner's requirements

k. Construction facilities, controls, and construction aids
l. Temporary utilities
m. Safety and first-aid procedures
n. Security procedures
o. Housekeeping procedures

B. Progress Meetings:

1. The Project Manager will conduct weekly meetings as required, at the Project Site to coordinate the work, answer questions, and resolve problems.
2. Meeting Agenda will include but not be limited to:

a. Attendees:
List of attendees and company they represent
b. Minutes Review:
Corrections, additions, and/or deletions to previous minutes
c. Outstanding Action Items:
Review of items not resolved from previous meeting
d. Submittal status
e. Request for Information status
f. Request for Proposal Status
g. Schedule Review:
h. Project job concerns
i. Next meeting
j. Summarize and Review of all Action Items:

3. All items to be discussed shall be addressed at the time scheduled on the agenda. All attendees shall familiarize themselves with the agenda and be prepared in advance with their items for discussion.

C. Special Meetings:
The Project Manager may call special meetings at the project site or the office of the Project Manager to coordinate the work, answer questions, and resolve problems.

1.05 MINUTES

A. The Project Manager will compile minutes of each project meeting and will distribute copies to all interested parties within seven (7) calendar days after the meeting. Items in the minutes shall be numbered consecutively and grouped under divisions and sections. Each item shall be carried forward until resolved.

B. The minutes compiled by the Project Manager will be the official record minutes and all clarifications and/or corrections shall be transmitted in writing to the Project Manager within fourteen (14) days of date of receipt of the minutes or unless noted during the next scheduled meeting under the appropriate agenda item. Transmitted corrections shall be legibly submitted on company letterhead.

C. At least one (1) bound volume of all minutes shall be maintained by the Contractor in the job office until project completion.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

SUBMITTALS

PART 1. GENERAL

1.01 REQUIREMENTS INCLUDED

A. Procedures

B. Construction Progress Schedules

C. Schedule of Values

D. Shop Drawings

E. Product Data

F. Samples

G. Manufacturer’s Instructions

H. Manufacturer’s Certificates

1.02 RELATED REQUIREMENTS

A. Section 01010 - Summary of Work

B. Section 01311 - Project Schedule

C. Section 01340 - Shop Drawings, Product Data and Samples

D. Section 01370 - Schedule of Values

E. Section 01400 - Quality Control

F. Section 01630 - Substitution and Product Options

G. Section 01700 - Project Closeout

H. Section 01710 - Cleaning

I. Section 01720 - Project Record Documents

J. Section 01730 - Operating and Maintenance Data

K. Section 01750 - Closeout Forms

1.03 PROCEDURES

A. Deliver submittal documents to the Project Manager using the ASD Procore Construction Management Program. Number each submittal with the section number, dash, numerical order of the submittal, example 03300-1. Add an alpha to each resubmittal, example, 03300-1A. Deliver samples to the Project Manager or Architect as directed to the address listed on the cover of the project manual.

B. Transmit each item with company submittal. Identify Project, Contractor, subcontractor, major supplier; identify pertinent Drawing sheet and detail number and specification section number, as appropriate. Identify deviations from Contract Documents. Provide space for Contractor and Architect/Engineer review stamps.

C. Submit initial progress schedules and schedule of values in duplicate prior to issuance of Notice to Proceed. After review by the Architect/Engineer, revise and resubmit as required. Submit revised schedules with each application for payment, reflecting changes since previous submittal.

D. Comply with progress schedule for submittals related to work progress. Coordinate submittal of related items.

E. Distribute copies of reviewed submittals to concerned persons. Instruct recipients to promptly report any inability to comply with provisions. Review with subconsultants/suppliers any inability to meet requirements of project. Find solutions with subconsultants/suppliers making conformance with documents possible. Review solutions with owner and architect for acceptance prior to proceeding with work.

1.04 CONSTRUCTION PROGRESS SCHEDULES

A. Submit Project Schedule as called for in Section 01311, Project Schedule.

1.05 SCHEDULE OF VALUES

A. Submit Schedule of Values as called for in Section 01370, Schedule of Values.

1.06 SHOP DRAWINGS, PRODUCT DATA & SAMPLES

A. Submit in the form as called for in Section 01340.

1.07 MANUFACTURERS' INSTRUCTIONS

A. When required in individual specification section, submit manufacturers printed instructions for delivery, storage, assembly, installation adjusting and finishing, in quantities specified for product data.

1.08 FIELD SAMPLES

A. Provide field samples of finishes at project site as required by individual specification sections. Install sample complete and finishes. Acceptable samples in place may be retained in completed work.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

PROJECT SCHEDULE

PART 1. GENERAL

1.01 GENERAL REQUIREMENTS

A. The work under this Section consists of Project Schedule (“Schedule”) requirements including the preparation of a Schedule and Schedule Revisions. The Schedule shall be developed by the Contractor and shall be in accordance with the requirements of this Section 01311. No direct payment will be made to the Contractor for performing and complying with the requirements of this Section 01311.

B. The Schedule will be prepared by the Contractor for this Project and made available to the Owner. It is intended that the Schedule will reflect the Contractor’s actual construction plan. The existence of schedules, networks, vector charts or any other charts or services, shall in no way relieve the Contractor of the responsibility of the Contract Document including, but not limited to the responsibility of completing the Work within the contract time and the responsibility of planning, scheduling and coordinating the Work.

C. The Schedule shall be in the form of a bar chart or other format approved by the project manager.

1.02 REFERENCES

A. Associated General Contractors of America, “Construction Planning & Scheduling,” Copyright January 1994 (AGC’s Manual), also referred to as AGC Publication No. 1107.1. The general principles stated in the AGC’s Manual shall be used in preparing and updating the Project Schedule, except that the requirements of this Section shall govern.

B. Related Requirements:

1. Section 00200 - Project Schedule Milestones Dates
2. Section 00700 and 00800 - General Conditions and Supplementary General Conditions to the Contract for Construction
3. Section 01370 - Schedule of Values

PART 2. PRODUCTS

2.01 PROJECT SCHEDULE

A. Within fourteen (14) calendar days following the Notice to Proceed, the Contractor shall submit for the Project Manager’s review, comment and acceptance, a Project Schedule (“Schedule”). The Schedule shall show the activities of work in sufficient detail to demonstrate that the Contractor has a reasonable and workable plan to complete the Project in accordance with the Project Schedule Milestone Dates set forth under Section 00200 of the Contract Documents. The Contractor shall submit two (2) prints of the Schedule, which shall be neatly organized and time scaled from left to right on 11 in. x 17 in. sheets, or 24 in. x 36 in. sheets, at the Contractor’s discretion.

B. Within five (5) calendar days of receipt of the Schedule, the Project Manager shall meet face to face with the Contractor to review the plan and to determine if there are any concerns regarding the Contractor’s plan to execute the work. If a resubmittal of the Schedule is required by the Project Manager, the Contractor shall revise and resubmit the Schedule incorporating the Project Manager’s comments within seven (7) calendar days

after this review meeting. Progress payments will be withheld until the Contractor submits an approvable Schedule.

C. Revisions to the Schedule shall be done in accordance with paragraph 2.02.

2.02 PROJECT SCHEDULE REVISIONS

A. Should the Contractor, after acceptance of the Schedule, desire to change his plan of construction, he shall submit his proposed revisions to the Project Manager, along with a written rationale for the revisions. Only the requested changes accepted by the Project Manager will be incorporated into the Schedule in the next reporting period.

2.03 TIME IMPACT ANALYSIS FOR CONTRACT MODIFICATIONS, CHANGES OR DELAYS

A. If the Contractor believes that a change under Article 12 Paragraph 12.1 causes an increase or decrease in the Contractor's time for completing the Work, he shall complete a Time Impact Analysis that demonstrates how the Contractor proposes to incorporate or has incorporated the Change into the Schedule and the time impact, if any, on the Schedule Milestone Dates set forth under Section 00200 of the Contract Documents.

1. The Time Impact Analysis shall demonstrate the time impact based upon the date the Change in Work is directed by the Project Manager; the status of construction at that point in time; and the event time computations of all affected activities. The event times used in the Time Impact Analysis shall be those set forth in the update of the Schedule in effect at the time the Change in Work is directed by the Project Manager.
2. The Time Impact Analysis is based on an "as-planned" to "as-built" comparison of the event times. In developing an as-built schedule of performance, the Contractor shall utilize actual daily performance data from Schedule Updates and the Contractor's daily construction reports to graphically depict the sequence and manner in which the Contractor actually performed the Work under the Contract.

B. Activity delays shall not automatically mean that an extension of the Contract Time is warranted or due the Contractor. It is possible that a modification, change or delay will not affect projected or as-built critical activities or cause non-critical activities to become critical. A modification, change or delay may result in only absorbing a portion of the available total float that may exist within an activity chain of the Schedule, thereby not causing any effect on the Contract Time.

C. Each Time Impact Analysis shall be submitted as follows:

1. Within fourteen (14) calendar days after receipt of a written order designated or indicated to be a change in accordance with Article 12, Changes in the Work;
2. Within fourteen (14) calendar days after the furnishing of written notice by the Contractor;
3. Within fourteen (14) calendar days from the commencement of a delay related to unforeseeable conditions; provided the Contractor complies with the requirements of the Contract Documents regarding said condition.

D. In cases where the Contractor does not submit a written request for extension of time and Time Impact Analysis within the time stated above in Paragraph 2.03, it is mutually agreed that the Change in the Work does not require an extension of the Contract Time.

E. Acceptance or rejection of each Time Impact Analysis which requests an extension of the Contract Time shall be made by the Project Manager within fourteen (14) calendar days

after receipt of each Time Impact Analysis, unless subsequent meetings and negotiations are necessary. Upon acceptance, the Time Impact Analysis shall be incorporated into the Schedule.

F. Time Impact Analysis related to requests for an extension of the Contract Time and/or Change Order work shall be incorporated into and attached to the applicable Change Order(s).

G. No revision to any Schedule Milestone Date or contractually mandated schedule provisions will be permitted without authorization from the Project Manager.

2.04 COMPLIANCE WITH THE SCHEDULE

A. The Contractor shall furnish sufficient labor and equipment resources, offices, and facilities, and shall work such hours, including night shift and overtime operations as necessary, to ensure the prosecution of the Work in accordance with the Schedule. If the Contractor falls behind in meeting the Schedule, the Contractor shall take such steps as may be necessary to improve its progress. If the Contractor fails to take such steps, the Project Manager may require the Contractor to increase the hours of work, the number of shifts, overtime operations, the number of workers and/or the amount of construction plant and equipment without additional cost to the Owner. The provisions of this subsection shall not be construed as prohibiting work on Saturdays, Sundays, and holidays, if the Contractor so elects and gives 24 hours' notice to the Project Manager.

B. Failure of the Contractor to comply with the requirements of this Subsection 2.04 shall be a basis for determination by the Project Manager that the Contractor is not prosecuting the Work with such diligence as will ensure completion of the Work in accordance with the requirements of the Contract Documents. Upon such determination, the Project Manager may terminate the Contractor's right to proceed with the Work or any separable part thereof, in accordance with the clause entitled "Termination of Contract" of the Contract Documents, or may take such other actions as he may deem appropriate.

PART 3. EXECUTION (NOT USED)

END OF SECTION

SHOP DRAWINGS, PRODUCT DATA AND SAMPLES

PART 1. GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.02 DESCRIPTION

A. Prepare and submit to the Project Manager with the Construction Schedule, a separate schedule listing dates for submission and of review for shop drawings, product data, and samples, refer to General Conditions 4.12.13.1. Include installing Subcontractors name responsible for that portion of the Work

B. Submit Shop Drawings, Product Data, and Samples as may be required, whether mentioned specifically in Contract Documents or not.

C. Individual submittals shall not include material covering more than one section of the specifications.

D. Products fabricated and/or installed prior to approval of submittals are subject to demand for removal and replacement with approved products by the Contractor at no additional cost to the Owner.

E. Shop drawing submittal cannot be used for product substitution submittal. See Section 01630 for required procedure.

1.03 RELATED REQUIREMENTS

A. Section 01311: Project Schedule

B. Section 01630: Substitution and Product Options

C. Section 01720: Project Record Documents

1.04 SHOP DRAWINGS

A. Prepare original drawings (by Contractor, subcontractor, manufacturer, supplier, or distributor), which illustrate some portion of the work; showing fabrication, layout, setting or erection details.

B. Prepare shop drawings for this particular project. Drawings prepared for other projects and revised for this project will be rejected.

C. When necessary, base shop and setting drawings upon actual measurements taken at site and other job conditions. Show any variations and revisions to Contract Documents that are necessary for proper installation of work. Fabrication or installation of work shall not be started until shop or setting drawings have been reviewed and returned by Architect, with his stamp and comments.

D. Identify details by reference to sheet and detail, schedule or room numbers shown on Contract Drawings.

E. Minimum sheet size: 8 ½" x 11". Note: Submit fill-size sheet submittals. Use of 8 ½ " x 11" format subject to readability and approval of architect.

1.05 PRODUCT DATA

A. Manufacturer's standard schematic drawings:

1. Modify drawings to delete information which is not applicable to project.
2. Supplement standard information to provide additional information applicable to project.

B. Manufacturer's catalog sheets, brochures, diagrams, schedules, performance charts, illustrations, and other standard descriptive data.

1. Clearly mark each copy and identify pertinent materials, products or models.
2. Show dimensions and clearances required.
3. Show performance characteristics and capacities.
4. Show wiring diagrams and controls.
5. Catalog cuts and descriptive data sheets shall include a complete listing of repair and replacement parts for all equipment and the name and address of a source of supply for parts and service.

1.06 SAMPLES

A. Physical examples to illustrate materials, equipment or workmanship and to establish standards by which completed work is judged.

B. Office Samples: Of sufficient size and quantity to clearly illustrate:

1. Functional characteristics of product or material, with integrally related parts and attachment devices.
2. Full range of color, texture and pattern.

C. Field Samples and Mock-Ups:

1. Erect at project site at location acceptable to Project Manager.
2. Construct each sample or mock-up complete, including work of all trades required in finished work.
3. After review, samples may be used in construction of Project.

1.07 SUBMITTAL REQUIREMENTS

A. Make all submittals far enough in advance of scheduled dates for installation to provide all required time for review, for securing necessary approvals, for possible revision and resubmittals and for placing orders and securing delivery. Submission of all shop drawings shall be through the General Contractor.

B. The contractor shall allow at least 14 days for review of original submittals or resubmittals except as follows:

1. Structural steel shop drawings shall be broken down into separate submittal packages for most efficient review and delivered at least two weeks apart.

C. Submit one (1) reproducible unfolded transparency print of shop drawing. Upon Architects approval, Contractor shall provide five (5) opaque prints for owners use. Transparency will be returned to Contractor for printing and distribution as needed. Additional copies will be returned without review or mark-ups.

D. Submit four (4) each of samples.

E. Unless otherwise specifically permitted by the Project Manager, make all submittals in groups containing all associated items. Partial submittals may be rejected.

F. Accompany submittals with transmittal letter, in duplicate, containing:

1. Date
2. Project Title and number
3. Contractor's name and address
4. The number of each shop drawing, product data and sample submitted

G. Submittals shall include:

1. Date and revision dates
2. Project title and number
3. The name of:
    a. Architect
    b. Contractor
    c. Subcontractor
    d. Supplier
    e. Manufacturer
    f. Separate detailer when pertinent
4. Identification of product or material
5. Relation to adjacent structure or materials
6. Field dimensions, clearly identified as such
7. Specification section number
8. Applicable standards, such as ASTM number or Federal Specifications.
9. A blank space, for Architect’s review stamp

1.08 CONTRACTOR RESPONSIBILITIES

A. Review shop drawings, product data, and samples prior to submission.

B. Include noted and required corrections and indicate by stamp and signature that submittal is acceptable to Contractor. Submittals without stamp and signature will be rejected.

C. Verify:

1. Field measurements.
2. Field Construction criteria.
3. Conformance with specifications.

D. Coordinate each submittal with requirements of work and Contract Documents.

E. Contractor’s responsibility for errors and omissions in submittals is not relieved by Architect's review and approval.

F. Contractor’s deviations in submittal requirements shall not relieve Contractor from completing Contract requirements.

G. The submittal documents shall be transmitted using the ASD Procore Construction Management Program. Number the submittals with the CSI Section then a dash then the numerical order (01650-1). Resubmittals shall have the same number with an alpha at the end. (01650-1A).

H. Contractor shall update the Procore Submittal Log on a weekly basis until Submittal Process is complete.

1.09 RESUBMITTAL REQUIREMENTS

A. Revise initial drawings as required and resubmit as specified for initial submittal.

B. Indicate on drawings any changes which have been made other than those requested by the Architect.

C. Project data and samples: Submit new data and samples as required for initial submittal.

1.10 ARCHITECT'S DUTIES

A. Review submittals with a turn-around time for review of original or resubmittal of no more than fourteen (14) calendar days, except as indicated in paragraph 1.07 B above.

B. The review will be for conformance to the design concept and compliance with information given in the Contract Document. The Architect will make notations directly on the reproducible.

C. The review is intended to foresee unacceptable products to avoid the possibility of their rejection at the site. The review shall not be construed as:

1. Permitting a departure from the Contract Documents, unless specifically so noted.
2. Relieving the Contractor of the responsibility for errors or omissions.
3. Acceptance of an assembly in which an approved item is a part.
4. Approval of variations from previously approved items.
5. Approval of dimensions.

D. The Architect will review all samples. Such review will be for appearance only. Compliance with all other requirements is the responsibility of the Contractor.

E. Affix stamps and initials or signatures certifying the review of submittal.

F. Where the Contract Documents require the design of the structural, mechanical, or electrical systems or components of systems by a supplier, such systems or components shall be designed by a registered professional engineer and all calculations submitted to the Architect for his records, prior to starting fabrication or installation of the work. The Architect will not be responsible for the designs of such other Professionals.

1.11 VARIATIONS FROM CONTRACT DOCUMENTS

A. See Section 01630 for procedure.

B. If the Contractor fails to mention variations from the Contract Documents, he will not be relieved of the responsibility for executing the work in accordance with the Contract Documents.

1.12 SUBMITTALS FOR COLOR SELECTION

A. The Contractor shall take particular note that color selections cannot be made for the project until such time as all items requiring color selection have been submitted. After such submittal has been made, the Architect with Owner’s concurrence will within fourteen (14) days, make a complete color selection for the entire project.

B. It will be the contractor’s responsibility to review the Contract Documents completely to determine items requiring color selection, obtain color samples from the manufacturer and

submit to the Architect at the earliest possible date.

1.13 DISTRIBUTION OF SUBMITTALS AFTER REVIEW

A. Contractor shall distribute copies of shop drawings and product data which carry Architect's stamp, to:

1. Contractor's file (required)
2. Job-site file (required)
3. Record Documents file (required)
4. Other prime Contractors (as required)
5. Subcontractors (as required)
6. Supplier (as required)
7. Fabricator (as required)
8. Others (as required)

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

SCHEDULE OF VALUES

PART 1. GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.02 REQUIREMENTS INCLUDED

A. Procedures for preparation and submittal of Schedule of Values.

1.03 RELATED REQUIREMENTS

A. Section 00700 and Section 00800 - General Conditions and Supplementary Conditions of the Construction Contract.

B. Section 01311 – Project Schedule.

1.04 FORMAT

A. Schedule of Values shall be submitted on ASD Form 100B.

1.05 CONTENT

A. List installed value of each major item of work and each subcontracted item of work as a separate line item to serve as a basis for computing values for progress payments. Round off values to nearest dollar.

B. For each major subcontract, list products and operations of that subcontract as separate line items.

C. Include work allowances within line item of work.

D. Coordinate listings with progress schedule.

E. Component listings shall each include a directly proportional amount of Contractor’s overhead and profit.

F. For items on which payments will be requested for stored products, list the cost of stored products.

G. The sum of values listed shall equal total contract sum.

H. In addition to the above, values shall be listed for the following close out items.

1. As-builts.
2. O & M Manuals.
3. Warranties.
4. Landscape Maintenance Warranty.
5. Owner Training.
6. Demobilization (If mobilization is itemized).
7. Project close-out must retain a minimum of $25,000.00.

1.06 SUBMITTAL

A. Transmit under transmittal letter. Identify project by title and contract number.

1.07 SUBSTANTIATING DATA

A. When the Project Manager requires substantiating information, submit data justifying line item amounts in question.

B. Provide one copy of data with cover letter for each copy of application. Show application number, date and line item by number and description.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

CONSTRUCTION PHOTOGRAPHS

PART 1. GENERAL

1.01 REQUIREMENTS INCLUDED

A. Construction Photographs.

B. Submittals.

1.02 RELATED REQUIREMENTS

A. Section 01720 - Project Record Documents

1.03 PHOTOGRAPHY

A. Provide photographs of construction throughout progress of work.

B. Take photographs prior to covering completed work.

C. Take photographs at beginning and completion of elements of construction.

1. Asbestos Abatement process indicating the phases of abatement including:

    a. Existing Conditions
    b. Preparation Prior to Start of Work
    c. Work in Progress
    d. Completed Work
    e. Equipment used for Abatement Processes

2. Roof demolition

    a. Repairs
    b. Documentation of interim building protection measures
    c. Work in Progress
    d. Completed work
    e. Include roof designation and locations

3. Air infiltration and/or vapor barrier installation

4. Insulation installation

5. Final completion.

D. The Contractor, on a daily basis, shall photograph the demolition and abatement process. For their own use and distribution, the Project Manager shall on a regular basis, direct photographs and/or video recordings of construction operations and work in progress.

1.04 IMAGES

A. Digital images to be uploaded to the ASD Procore Construction Management Program Project Folder daily.

B. Photo file name to include location, item photographed and orientation of view.

1.05 TECHNIQUE

A. Provide factual presentation.

B. Provide correct exposure and focus, high resolution and sharpness, maximum depth of field and minimum distortion.

C. The Contractor shall furnish access, labor and facilities to assist photographer(s). Photographs shall be taken with a Digital type camera with flash attachment in working order.

1. Furnish the Project Manager with a quantity equal to minimum ten (10) photographs per work area per day ISO appropriate to lighting conditions.

1.06 VIEWS

A. Consult with Project Manager for instructions on views required.

B. Locations of photos. It is preferred to have similar angles and locations of existing conditions, in progress and complete photos.

1.07 SUBMITTALS

A. All photos to be loaded in Procore and labelled.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

QUALITY CONTROL

PART 1. GENERAL

1.01 RELATED REQUIREMENTS

A. Section 00700 - General Conditions to the Contract for Construction.
B. Section 00800 – Supplementary Conditions to the Contract for Construction.
C. Section 01090 - Referenced Specifications and Standards.
D. Section 01300 - Submittals.
E. Section 01410 - Testing Laboratory Services.
F. Section 01420 - Special Inspections.

1.02 GENERAL REQUIREMENTS

A. The contractor is responsible for quality control and shall establish and maintain an effective quality control system in compliance with this section. The quality control system shall consist of plans, procedures, and organization necessary to produce an end product which complies with the contract requirements. The system shall cover all construction operations, both onsite and offsite, and shall be keyed to the proposed construction sequence.

1.03 QUALITY CONTROL PLAN

A. The Contractor shall furnish for review by the Owner, not later than 30 days after receipt of notice to proceed, the Contractor Quality Control (CQC) Plan proposed to implement the requirements of this section. The plan shall identify personnel, procedures, control, instructions, tests, records, and forms to be used.

1. Content of the CQC Plan: The CQC Plan shall include, as a minimum, the following to cover all construction operations, both onsite and offsite, including work by subcontractors, fabricators, suppliers, and purchasing agents:

a. A description of the quality control organization, including the name, qualifications (in resume format), duties, responsibilities, and authorities of each person assigned a CQC function, including the person assigned responsibility of CQC manager.
b. Control, verification, and acceptance testing procedures for each specific test to include the test name, specification paragraph requiring test, feature of work to be tested, test frequency, and person responsible for each test. (Laboratory facilities will be approved by the Owner.)
c. Procedures for tracking preparatory and follow-up control phases, verification, and acceptance tests, including documentation.
d. Procedures for tracking construction deficiencies from identification through acceptable corrective action. These procedures shall establish verification that identified deficiencies have been corrected.
e. Reporting procedures, including proposed reporting formats.
f. A list of the definable features of work. A definable feature of work is a task which is separate and distinct from other tasks, has separate control requirements, and may be identified by different trades or disciplines, or it may be work by the same trade in a different environment. Although each section of the specifications may generally be considered as a definable feature of work, there are frequently more than one definable features under a particular section.

2. Acceptance of Plan: Acceptance of the Contractor's plan is required prior to the start of construction. Acceptance is conditional and will be predicated on satisfactory performance during the construction. The Owner reserves the right to require the Contractor to make changes in the CQC Plan and operations including removal of personnel, as necessary, to obtain the quality specified.
3. Notification of Changes: After acceptance of the CQC Plan, the Contractor shall notify the Owner in writing of any proposed change. Proposed changes are subject to acceptance.

1.04 COORDINATION MEETING

A. After the Preconstruction Conference and before start of construction, the Contractor shall meet with the Project Manager to discuss the Contractor's quality control system. The CQC Plan shall be submitted for review a minimum of 15 calendar days prior to the Coordination Meeting. During the meeting, a mutual understanding of the system details shall be developed, including the forms for recording the CQC operations, control activities, testing, administration of the system for both onsite and offsite work, and the interrelationship with the Owner's special inspection personnel. Minutes of the meeting shall be prepared by the Contractor and signed by both the Contractor and the Project Manager.

1.05 QUALITY CONTROL ORGANIZATION

A. CQC Manager: The Contractor shall identify as CQC Manager an individual within the onsite work organization who shall be responsible for overall management of CQC and have the authority to act in all CQC matters for the Contractor. The CQC Manager shall be a person with a minimum of ten (10) years' experience in construction with a minimum of three (3) years' experience in Quality Control Management or Construction Inspection, preferably with some formal Quality Control training. This CQC Manager shall be on the site at all times during construction and shall be employed by the prime Contractor.

B. CQC Personnel: In addition to CQC personnel specified elsewhere in the contract, the Contractor shall provide as part of the CQC organization specialized personnel to assist the CQC Manager for the following areas: electrical, mechanical, structural, and architectural. Each of these individuals must have either an engineering degree in their respective field and two years of experience or five (5) years of related experience. These individuals are to be responsible to the CQC Manager; be physically present at the construction site during work on their areas of responsibility; have the necessary education and/or experience in accordance with this section. These individuals may perform other duties but must be allowed sufficient time to perform their assigned quality control duties as described in the Quality Control Plan.

C. ASD CQC Testing Requirements: See Attachment 1 below.

ASD CQC TESTING REQUIREMENTS Attachment 1

MATERIAL TESTED	CHARACTERISTIC TESTED	SAMPLE FREQUENCY	SAMPLING POINT	REPORT DUE
CLASSIFIED FILL MATERIAL AND BACKFILL (TYPE II, TYPE IIA, BLENDED, ETC.)	GRADATION	1 PER SOIL TYPE AND NOTABLE CHANGE IN CHARACTERISTICS	PRIOR TO PLACEMENT	BEFORE USE ON PROJECT
	MOISTURE DENSITY (PROCTOR)			
	COMPACTION/DENSITY	STRUCTURAL = 1 PER LIFT & PER 500 S.F. TRENCHES = 1 PER LIFT & PER 150 L.F. FLATWORK = 1 PER LIFT & PER 5000 S.F.	IN PLACE	PRIOR TO NEXT LIFT
LEVELING COURSE (D-1, RAP, ETC.)	GRADATION	1 PER SOIL TYPE AND NOTABLE CHANGE IN CHARACTERISTICS	PRIOR TO PLACEMENT	BEFORE USE ON PROJECT
	MOISTURE DENSITY (PROCTOR)			
	COMPACTION/DENSITY	FLATWORK = 1 PER LIFT & PER 5000 S.F.	IN PLACE	PRIOR TO NEXT LIFT
STRUCTURAL IN-SITU BASE OF EXCAVATION (BOTTOM OF HOLE)	GRADATION	1 PER IN-SITU STRUCTURAL BOTTOM OF HOLE AND NOTABLE CHANGE IN CHARACTERISTICS	PRIOR TO PLACEMENT	BEFORE BUILDING UPON
	MOISTURE DENSITY (PROCTOR)			
	COMPACTION/DENSITY	BASE OF EX. = 1 PER FOUNDATION AREA	IN PLACE	BEFORE BUILDING UPON
STRUCTURAL CONCRETE	SAMPLING	1 MINIMUM PER PLACEMENT, PER DAY (1-25 C.Y.), 1 EVERY 50 C.Y. THEREAFTER. 1 AFTER EACH ADDITION OF ADMIXTURE OR WATER (SLUMP AND AIR ONLY AFTER ADDING ONLY WATER)	POINT OF PLACEMENT (NOT @ TRUCK)	REPORT-24 HRS VERBAL-TIME OF TEST
	SLUMP			
	AIR CONTENT			
	TEMPERATURE			
	COMP. STRENGTH			7 & 28 DAYS
ARCHITECTURAL & CIVIL CONCRETE	SAMPLING	1 MINIMUM PER PLACEMENT, PER DAY (1-25 C.Y.), 1 EVERY 100 C.Y. THEREAFTER.	POINT OF PLACEMENT OR TRUCK CHUTE	REPORT-24 HRS VERBAL-TIME OF TEST
	SLUMP			
	AIR CONTENT			
	TEMPERATURE			
	COMP. STRENGTH			7 & 28 DAYS
STRUCTURAL GROUT (BASEPLATES, CMU, ETC.)	SAMPLING	1 PER PLACEMENT, PER DAY	BATCH POINT (ENSURE BATCH CONFORMS TO MFR SPECS)	REPORT-24 HRS VERBAL-TIME OF TEST
	SLUMP			
	AIR CONTENT			
	TEMPERATURE			
	COMP. STRENGTH			7 & 28 DAYS

MATERIAL TESTED	CHARACTERISTIC TESTED	SAMPLE FREQUENCY	SAMPLING POINT	REPORT DUE
AC PAVING	GRADATION	1 PER PLACEMENT, PER DAY AND EVERY 700 TONS THEREAFTER.	BEHIND PAVER & PRIOR TO COMPACTION	REPORT-24 HRS VERBAL-TIME OF TEST OR OBSERVATION
	CONTENT			
	COMPACTION/DENSITY	1 PER 5000 S.F.	AFTER FINAL ROLL	
	VISUAL	OBSERVE & DOCUMENT DEPTH, AGGREGATE SIZE, VOIDS IN AGGREGATE, OIL POOLING, ETC. VERIFY BATCH TICKET MIX DESIGN & PROJECT	DURING PLACEMENT	
CONTRACTOR IS RESPONSIBLE FOR ALL COSTS INCURRED FOR RETESTS, REINSPECTIONS, REPLACEMENT OF NON-CONFORMING PRODUCTS. OWNER EMPLOYED SPECIAL INSPECTION VERIFICATION AND TESTING IS IN ADDITION TO THE CONTRACTOR'S QUALITY CONTROL TESTING. SPECIAL INSPECTION IN NO WAY DIMINISHES OR REDUCES THE CONTRACTOR'S QUALITY CONTROL OBLIGATIONS.				

1.06 CONTROL

A. Contractor Quality Control is the means by which the Contractor ensures that the construction, to include that of subcontractors and suppliers, complies with the requirements of the contract. At least two phases of control shall be conducted by the CQC Manager for each definable feature of work as follows:

1. Preparatory Phase: This phase shall be performed prior to beginning work on each definable feature of work, after all required plans/documents/materials are approved, and after copies are at the work site. This phase shall include:

a. A review of each paragraph of applicable specifications, reference codes, and standards. A copy of those sections of referenced codes and standards applicable to that portion of the work to be accomplished in the field shall be made available by the Contractor at the preparatory inspection. These copies shall be maintained in the field and available for use by the Owner until final acceptance of the work.
b. A review of the contract drawings.
c. A check to assure that all materials and/or equipment have been tested, submitted, and approved.
d. Review of provisions that have been made to provide required control inspection and testing.
e. Examination of the work area to assure that all required preliminary work has been completed and is in compliance with the contract.
f. A physical examination of required materials, equipment, and sample work to assure that they are on hand, conform to approved shop drawings or submitted data, and are properly stored.
g. Discussion of procedures for controlling quality of the work including repetitive deficiencies. Documentation of construction tolerances and workmanship standards for that feature of work.
h. A check to ensure that the portion of the plan for the work to be performed

has been accepted by the Project Manager.

i. Discussion of the initial control phase.

j. The Owner shall be notified at least 48 hours in advance of beginning the preparatory control phase. This phase shall include a meeting conducted by the CQC Manager and attended by the Superintendent, other CQC personnel (as applicable), and the foreman responsible for the definable feature. The results of the preparatory phase actions shall be documented by separate minutes prepared by the CQC Manager and attached to the daily CQC report. The Contractor shall instruct applicable workers as to the acceptable level of workmanship required in order to meet contract specifications.

2. Follow-up Phase: Daily checks shall be performed to assure control activities, including control testing, are providing continued compliance with contract requirements, until completion of the particular feature of work. The checks shall be made a matter of record in the CQC documentation. Final follow-up checks shall be conducted, and all deficiencies corrected prior to the start of additional features of work which may be affected by the deficient work. The Contractor shall not build upon nor conceal non-conforming work.

1.07 TESTS

A. Testing Procedure: The Contractor shall provide inspections, tests, and similar quality control services, specified in individual Specification Sections, and required by governing authorities, (Costs for these services shall be included in the Contract Sum). Upon request, the Contractor shall furnish to the Owner duplicate samples of test specimens for possible testing by the Owner. Testing includes operation and/or acceptance tests when specified. The Contractor shall perform the following activities and record and provide the following data:

1. Verify that testing procedures comply with contract requirements.
2. Verify that facilities and testing equipment are available and comply with testing standards.
3. Check test instrument calibration data against certified standards.
4. Verify that recording forms and test identification control number system, including all of the test documentation requirements, have been prepared.
5. Results of all tests taken, both passing and failing, shall be recorded on the CQC report for the date taken. Specification paragraph reference, location where tests were taken, and the sequential control number identifying the test shall be given. If approved by the Project Manager, actual test reports may be submitted later with a reference to the test number and date taken. An information copy of tests performed by an offsite or commercial test facility shall be provided directly to the Project Manager. Failure to submit timely test reports as stated may result in nonpayment for related work performed and disapproval of the test facility for this contract.

B. Retesting: The Contractor is responsible for retesting where results of required inspections, tests, or similar services prove unsatisfactory and do not indicate compliance with Contract Document requirements, regardless of whether the original test was the Contractor's responsibility. Cost of retesting construction revised or replaced by the Contractor is the Contractor's responsibility, where required tests were performed on original construction.

C. Associated Services: The Contractor shall cooperate with agencies performing required inspections, tests, and similar services and provide reasonable auxiliary services as requested. Notify the agency sufficiently in advance of operations to permit assignment of personnel. Auxiliary services required include but are not limited to:

1. Providing access to the Work, approved plans, and furnishing incidental labor and facilities necessary to facilitate inspections and tests.
2. Providing facilities for storage of all special inspection reports at the Project site and make available for review by the authorities having jurisdiction.
3. Taking adequate quantities of representative samples of materials that require testing or assisting the agency in taking samples.
4. Providing facilities for storage and curing of test samples, and delivery of samples to testing laboratories.
5. Providing the agency with a preliminary design mix proposed for use for materials mixes that require control by the testing agency.
6. Security and protection of samples and test equipment at the Project site.

D. Correction of Work: The Contractor shall bear all costs of correcting all Work identified as defective or as failing to conform to the Contract Documents, including any additional Owner Inspection Costs, and additional compensation for the Architect's and/or Project Manager's additional services made necessary thereby.

E. Qualification for Laboratory Agencies: Engage inspection and testing service agencies, including independent testing laboratories free of conflict on interests with the General Contractor, which are prequalified as complying with "Recommended Requirements for Independent Laboratory Qualification" by the American Council of Independent Laboratories, and which specialize in the types of inspections and testing to be performed.

1. Each independent inspection and testing agency engaged on the Project shall be authorized by the authorities having jurisdiction to operate in the State of Alaska and the Municipality of Anchorage.
2. The Owner reserves the right to direct the specific location or area of work to be tested in accordance with contract requirements.

1.08 SPECIAL INSPECTIONS

A. The Owner will provide Special Inspections, tests, and similar quality control services as identified in Section 01420, "Special Inspections". Costs for the Special Inspection services are not included in the Contract Sum.

B. Duties of the Testing Agency: The independent testing agency engaged to perform inspections, sampling, and testing of materials and construction specified in individual Specification Sections shall cooperate with the Owner's Representative and Contractor in performance of its duties and shall provide qualified personnel to perform required inspections and tests.

1. The agency shall notify the Project Manager, and Contractor promptly of irregularities or deficiencies observed in the Work during performance of its services.
2. The agency is not authorized to release, revoke, alter, or enlarge requirements of the Contract Documents, or approve or accept any portion of the Work.
3. Special Inspection agency shall not perform any duties of the Contractor, nor be under contract to perform testing services required of the Contractor.

C. Coordination: The Contractor and each agency engaged to perform inspections, tests, and similar services shall coordinate the sequence of activities to accommodate required services. In addition, the Contractor and each agency shall coordinate activities to avoid the necessity of removing and replacing construction to accommodate inspections and tests.

1. The Contractor is responsible for scheduling times for inspections, tests, taking samples, and similar activities.
2. The Contractor shall notify the Owner's Special Inspectors, and the Owner, in writing 72 hours prior to required special inspection and coordinate with these inspectors so there are no additional project costs, schedule impacts or delays. The Contractor shall also be responsible to coordinate with the special inspectors and the Owner to identify on the construction schedule when these inspections shall occur.

1.09 WORKMANSHIP

A. Comply with industry standards except when more restrictive tolerances or specified requirements indicate more rigid standards or more precise workmanship.

B. Perform work by persons qualified to produce workmanship of specified quality.

C. Secure products in place in positive anchorage devices designed and sized to withstand stresses, vibration, and racking.

1.10 MANUFACTURER'S INSTRUCTIONS

A. Comply with instructions in full detail, including each step in sequence. Should instructions conflict with Contract Documents, request clarification from the Project Manager before proceeding.

1.11 MANUFACTURER'S FIELD SERVICE

A. When required by individual Specifications Section, submit manufacturer's certificate, signed by responsible officer of the Manufacturer, that products meet or exceed specified requirements.

B. When required by manufacturer, have manufacturer provide qualified representative to observe field conditions, conditions of surfaces and installation, quality of workmanship, start-up of equipment, test, adjust, and balance of equipment as applicable. Manufacturer Field Representative shall make a written report of observations and recommendations to the Project Manager.

1.12 SAMPLE PANELS AND MOCK-UPS

A. Sample panels and/or mock-ups shall be used to establish uniform level of workmanship and finish color and texture. Accepted sample or mock-up shall serve as minimum standard of quality for subsequent work.

B. Work on any Section requiring a sample panel or mock-up shall be approved in writing by the Owner.

C. Sample panels or mock-ups may be requested by the Owner even though not specifically required of Specification Section to clarify level of workmanship, color, or texture.

D. Tests shall be performed in accordance with Section 01410 and this section.

1.13 OBSERVATION

The following stages of construction specifically require observation by the Architect, Owner, and

other Authorities having jurisdiction. Provide the indicated notice to the Project Manager prior to commencing work on the phase or upon completion as appropriate:

A. Stages that require two day notice include:

1. Completion of utility trench excavation prior to placement of bedding.
2. Completion of utility pipe installation prior to backfill.
3. Completion of subdrain system's drainage mat and perforated pipe prior to backfill.
4. Completion of driveway, parking lot and sidewalk excavation, installation of geotextile fabric and backfill prior to placement of pavement.
5. Completion of asphalt concrete pavement placement.
6. Completion of portland cement concrete pavement placement.
7. Completion of building excavation, geotextile fabric installation, and backfill prior to placement of concrete floor slab.
8. Completion of excavation forming prior to concrete placement.
9. Completion of concrete masonry, as damp-proofing work is beginning.
10. Wall framing and sheathing completed, observation of shear wall fastening and connections.
11. Mechanical and electrical rough-in and wall blocking, prior to cover.
12. Insulation and vapor barrier installation prior to cover, observation required as work progresses, notify as phases are complete.
13. Completion of mock-ups and finishes as mock-ups and areas are completed.
14. Prior to beginning roofing.

B. Stages that require five day notice include:

1. Substantial Completion.
2. Operational instructions.
3. Final Completion.

1.14 COMPLETION INSPECTION

A. Punch-Out Inspection: Near the end of the work, or any increment of the work established by a time stated in the specifications, the CQC Manager shall conduct an inspection of the work. A punch list of items which do not conform to the approved drawings and specifications shall be prepared and included in the CQC documentation, as required by Section 01400, paragraph 1.15 A.4. The list of deficiencies shall include the estimated date by which the deficiencies will be corrected. The CQC Manager or staff shall make a second inspection to ascertain that all deficiencies have been corrected. Once this is accomplished, the Contractor shall notify the Owner that the facility is ready for the Owner Substantial inspection.

B. Final Inspection: The Contractor’s Quality Control Inspection personnel shall be in attendance at the final inspection.

1.15 DOCUMENTATION

A. The Contractor shall maintain current records providing factual evidence that required quality control activities and/or tests have been performed. These records shall include the work of subcontractors and suppliers and shall be on an acceptable form that includes, as a minimum, the following information:

1. Contractor/Subcontractor and area of responsibility.
2. Operating equipment with hours worked, idle, or down for repair.
3. Work performed each day, giving location, description, and by whom.

4. Test and/or control activities performed with results and references to specifications/drawings requirements. The control phase shall be identified. List of deficiencies noted, along with corrective action.
5. Quantity of materials received at the site with statement as to acceptability, storage, and reference to specifications/drawing requirements.
6. Offsite surveillance activities, including actions taken.
7. Instructions given/received and conflicts in plans and/or specifications.
8. Any other remarks impacting quality control.
9. Contractor's verification statement.

B. These records shall indicate a description of trades working on the project; the number of personnel working; weather conditions encountered; and any delays encountered. These records shall cover both conforming and deficient features and shall include a statement that equipment and materials incorporated in the work and workmanship comply with the contract. The original and one copy of these records in report form shall be furnished to the Owner on a weekly basis within 24 hours after the date covered by the report, except that reports need not be submitted for days on which no work is performed. As a minimum, one report shall be prepared and submitted for every 7 days of no work and on the last day of a no work period. All calendar days shall be accounted for throughout the life of the contract. Reports shall be signed and dated by the CQC Manager. The report from the CQC Manager shall include copies of test reports and copies of reports prepared by all subordinate quality control personnel.

1.16 NOTIFICATION OF NONCOMPLIANCE

A. The Project Manager will notify the Contractor of any detected noncompliance with the foregoing requirements. The Contractor shall take immediate corrective action after receipt of such notice. Such notice, when delivered to the Contractor at the work site, shall be deemed sufficient for the purpose of notification. If the Contractor fails or refuses to comply promptly, the Project Manager may issue an order stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to such stop orders shall be made the subject of claim for extension of time or for excess costs or damages by the Contractor.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

TESTING LABORATORY SERVICES

PART 1. GENERAL

1.01 REQUIREMENTS INCLUDED

A. Contractor will employ and pay for the services of an independent testing laboratory, free of conflict of interests with the General Contractor, to perform specified testing.

B. Employment of the laboratory shall in no way relieve Contractor's obligations to perform the work of the contract.

C. Inspection, sampling and testing required as called for in the following technical sections.

D. The Contractor shall pay for re-inspections and re-testing required because of defective work or ill-timed notices.

1.02 RELATED REQUIREMENTS

A. Article 7.7, Section 00700 - General Conditions of the Contract for Construction.

B. Inspections and testing required by laws, ordinances, rules, regulations, orders, project Contract Documents, or approvals of public authorities.

C. Certification of Products: Respective Sections of Specifications.

D. Test, Adjust, and Balance of Equipment: Respective Sections of Specifications.

E. Each Specification Section Listed: Laboratory test required, and standards for testing.

1.03 QUALIFICATIONS OF LABORATORY

A. Independent laboratory acceptable to Owner, Architect and Building Official.

B. Meet “Recommended Requirements for Independent Laboratory Qualification” latest edition, published by American Council of Independent Laboratories, 1300 “I” Street N.W., Washington, D.C. 20005.

C. Meet ASTM E-329 latest edition, "Standards of Recommended Practice for Inspection and Testing Agencies for Concrete and Steel as used in Construction."

1.04 LABORATORY’S DUTIES

A. Laboratory authorized to operate in Alaska, with a full-time engineer registered in Alaska on staff to review services.

B. Ascertain and certify compliance with Contract Documents.

C. Promptly submit, unless otherwise indicated, written Inspection and Test Report to each of the following within forty-eight hours of inspection:

1. Owner: Two (2) copies
2. Architect: Two (2) copies
3. Contractor: Two (2) copies or as required

D. Include the following on Test Reports:

1. Date issued.
2. Project title and location.
3. Testing Laboratory name and address.
4. Inspector's name.
5. Date of inspection or sampling.
6. Record of temperature and weather.
7. Date of test.
8. Identification of product tested.
9. Test location in Project.
10. Type of inspection or test.
11. Observations regarding compliance with Contract Documents.

E. Laboratory is not authorized to:

1. Release, revoke, alter, or enlarge on Contract Document requirements.
2. Approve or accept any portion of work.
3. Assume any duties of Contractor.
4. Stop Work.

1.05 CONTRACTOR'S DUTIES

A. Cooperate with laboratory personnel, provide access to work, and to Manufacturer's operations.

B. Secure and deliver to the laboratory adequate quantities of representation samples of materials proposed to be used and which require testing.

C. Provide to the laboratory the preliminary design mix proposed to be used for concrete, and other materials mixes which require control by the testing laboratory.

D. Furnish copies of products test reports as required.

E. Furnish incidental labor and facilities:

1. To provide access to work to be tested.
2. To obtain and handle samples at the project site or at the source of the project to be tested.
3. To facilitate inspections and tests.
4. For storage and curing of test samples.

F. Notify laboratory sufficiently in advance of operations to allow for laboratory assignment of personnel and scheduling of tests. Twenty-four hour minimum notification.

1. When tests or inspections cannot be performed after such notice, reimburse Owner for laboratory personnel and travel expenses incurred due to Contractor's negligence.

G. Notify Architect and Owner a minimum twenty-four hours in advance of any testing.

H. Repair test holes to match original conditions.

I. Quality Control is the responsibility of the General Contractor. The General Contractor should employ a testing firm to provide testing as required to monitor and maintain his own

quality control program, as well as satisfy the specific requirements of the Contract Documents.

1.06 OWNER'S TESTING LABORATORY SERVICES

A. The Owner may also employ and pay for the services of an Independent Testing Laboratory to perform specified testing as indicated in the Supplementary General Conditions and in this section. This testing service will be employed for Quality Assurance Only. QUALITY CONTROL IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

B. The Contractor shall cooperate with the Owner's laboratory to facilitate the execution of its services.

C. A copy of the Owner's laboratory written report of each test will be distributed to the Contractor.

D. When initial tests indicate work does not comply with the Contract Document, all additional tests required, until tests pass, shall be at the expense of the Contractor.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

SPECIAL INSPECTIONS

PART 1. GENERAL

1.01 REQUIREMENTS INCLUDED

A. Purpose

B. Types of Work

C. Owner Responsibilities

D. Engineer or Architect of Record Responsibilities

E. Contractor Responsibilities

F. Special Inspector Responsibilities

1.02 RELATED REQUIREMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and other Division - 1 Specification Sections, apply to this Section.

1. Section 00700 - General Conditions of the Contract for Construction.
2. Section 00800 – Supplementary Conditions of the Contract for Construction.
3. Section 01090 - Reference Specifications and Standards
4. Section 01300 - Submittals
5. Section 01400 - Quality Control Services

1.03 REFERENCES

A. International Building Code (IBC) - SECTION 1704 - SPECIAL INSPECTIONS

B. Uniform Administrative Code (UAC) - SECTION 306 - SPECIAL INSPECTIONS

1.04 PURPOSE OF SPECIAL INSPECTIONS

A. In accordance with IBC Section 1704.1 General “In addition to the inspections required by Section 109, the owner or the engineer or architect of record acting as the Owner’s agent shall employ one or more special inspectors who shall provide inspections during construction on the types of work listed under 1704.”

1.05 TYPES OF WORK

A. Except as provided in IBC Section 1704, the types of work listed below shall be inspected by a Special Inspector.

1. Concrete.
2. Bolts installed in concrete.
3. Reinforcing steel in concrete.
4. Structural welding.
5. High-strength bolting.
6. Structural masonry.
7. Spray-applied fireproofing.
8. Special grading, excavation, and filling.

B. Continuous and Periodic Special Inspection and Approved Fabricators shall be a part of the Special Inspection requirements.

1.06 OWNER RESPONSIBILITIES

A. The Owner or the Engineer or Architect of Record acting as the Owner's agent shall employ one or more Special Inspectors who shall provide inspections during construction on the types of work listed.

B. The Owner shall be responsible for providing a full set of drawings and specifications to each Special Inspector.

1.07 ENGINEER OR ARCHITECT OF RECORD

A. The Engineer or Architect of Record, under the Owner's direction, may be required to employ one or more Special Inspectors who shall provide inspections during construction on the types of work listed under IBC Section 1704.

B. The Engineer or Architect of Record, under the Owner's direction, may be responsible for coordinating the Pre-Construction Meeting, with the Contractor, to include Special Inspectors for the purpose of reviewing the Special Inspection Program and responsibilities of each member.

C. The Engineer or Architect of Record is responsible for clearly indicating the design parameters and material selection on the project plans and/or specifications.

D. The Engineer or Architect of Record shall determine when and where Special Inspection is necessary in order to meet requirements of the Code.

E. It shall be the responsibility of the Architect or Engineer of Record to prepare a typewritten Special Inspection Program for submittal to the Building Official for review and approval (UAC 302.5). Such approval shall be obtained prior to issuance of a Building Permit.

F. Design changes required to correct non-conforming work already incorporated into the completed construction, shall be identified to the Building Official for review and approval as a Change Order. Such Changes shall be generated by the Engineer or Architect of Record.

1.08 CONTRACTOR RESPONSIBILITIES

A. The Contractor shall be responsible for calling a Pre-Construction meeting to review Special Inspection requirements as they pertain to the project. Attendees shall include the Contractor's Construction Supervisor, ASD Project Manager, the Engineer or Architect of Record, the Building Safety Division Inspector assigned to the project, all Special Inspectors, and any subcontractors who will actually be constructing items requiring Special Inspection. This meeting shall not be considered a substitute for any pre-construction meeting held between the Contractor and the Owner and Engineer or Architect of Record although they may coincide.

B. The Contractor shall be responsible for notifying the Special Inspector or special inspection firm regarding required special inspections. Notice shall be a minimum of 24 hours in advance.

C. The Contractor shall have on site at all times, an approved set of plans and construction documents available to the Special Inspector for the purpose of reference or clarification.

D. The Contractor shall be responsible for retaining, on site, a copy of all Special Inspection records submitted by the Special Inspector.

1.09 SPECIAL INSPECTOR RESPONSIBILITIES

A. The Special Inspector shall observe the work assigned for conformance with the approved design drawings and specifications.

B. Special Inspectors requiring certification by an agency such as ICBO, ACI, or AWS shall carry current certification with them while performing the Work on site.

C. The Special Inspector shall remain on site at all times when work requiring Special Inspection is in progress.

D. The Special Inspector shall immediately bring all nonconforming items of work or material to the immediate attention of the Contractor for correction.

E. The Special Inspector or Inspection Firm shall submit required written reports to the Building Official (two copies), the Owner, and the Engineer or Architect of Record within 48 hours of inspection.

F. Special Inspectors or Inspection Firms shall submit a final signed report to the Building Safety Division stating that all items requiring Special Inspection were, to the best of their knowledge, in conformance with the approved design drawings, specifications, approved change orders and the applicable workmanship provided in the International Building Code. Items not in conformance, unresolved items, and any discrepancies in inspection coverage shall be specifically itemized in the final report.

G. Special Inspectors shall meet all certification requirements stated in the Special Inspection Program and required by the Municipality of Anchorage Building Safety Division and shall maintain certification at all times throughout the project.

END OF SECTION

STRUCTURAL OBSERVATION

PART 1. GENERAL

1.01 REQUIREMENT INCLUDED

A. Purpose

B. Types of Work

C. Owner Responsibilities

D. Engineer or Architect of Record Responsibilities

E. Contractor Responsibilities

F. Structural Observer Responsibilities

1.02 REFERENCES

A. International Building Code (IBC)–Section 1709 STRUCTURAL OBSERVATION.

1.03 PURPOSE OF STRUCTURAL OBSERVATION

A. In accordance with IBC Section 1709, the purpose of Structural Observation is as defined in IBC Section 1702.1: Visual observation of the structural system, for general conformance to the approved plans and specifications, at significant construction stages and at completion of structural system. Structural Observation does not include or waive the responsibility for the inspections required by other sections of the IBC.

1.04 TYPES OF WORK

A. The Design Structural Engineer or another engineer designated by the Design Structural engineer shall perform Structural Observation.

B. Observed deficiencies shall be reported in writing to the Owner's Representative, Special Inspector, Contractor, and the Building Official.

C. The Structural Observer shall submit to the Building Official a written statement that the site visits have been made and identifying any reported deficiencies that, to the best of the Structural Observer's knowledge, have not been resolved.

1.05 OWNER'S RESPONSIBILITIES

A. The Owner or the Engineer or Architect of Record acting as the Owner's Agent shall employ one or more Structural Observers who shall provide structural observation during construction on the types of work identified under IBC Section 1709.

1.06 ENGINEER OR ARCHITECT OF RECORD

A. The Engineer or Architect of Record, under the Owner's direction, may be required to employ one or more Structural Observers who shall provide inspections during construction on the types of work defined under IBC Section 1709.

B. The Engineer or Architect of Record, under the Owner's direction, with the Structural

Observer, will review with the Contractor the Structural Observer Program and responsibilities of each member.

C. The Engineer or Architect of Record is responsible for clearly indicating the design parameters and material selection on the project plans and/or specifications.

D. The Engineer or Architect of Record shall determine when and where Structural Observation is necessary in order to meet requirements of the Code.

E. Design changes required to correct non-conforming work already incorporated into the completed construction, shall be identified to the Building Official for review and formal approval. Such changes shall be generated by the Engineer or Architect of Record.

1.07 CONTRACTOR RESPONSIBILITIES

A. The Contractor shall be responsible for calling a Structural Observation Organizational meeting to review the Structural Observation requirements as they pertain to the project. Attendees shall include the Contractor's Construction Supervisor, ASD Project Manager, the Engineer or Architect of Record, the Building Safety Division Inspector assigned to the project, all Structural Observers, and any subcontractors who will actually be constructing items requiring Structural Observation. This meeting shall not be considered a substitute for any pre-construction meeting held between the Contractor and the Owner and Engineer or Architect of Record although they may coincide.

B. The Contractor shall have on site at all times, an approved set of plans and construction documents available to the Structural Observer for the purpose of reference or clarification.

C. The Contractor shall be responsible for retaining, on site, a copy of all Structural Observation records submitted by the Structural Observer.

1.08 STRUCTURAL OBSERVER RESPONSIBILITIES

A. The Structural Observer shall observe the work assigned for conformance with the approved design drawings and specifications.

B. The Structural Observer shall remain on site at all times when work requiring Structural Observation is in progress.

C. The Structural Observer shall immediately bring all nonconforming items of work or material to the immediate attention of the Contractor for correction.

D. The Structural Observer shall submit required written reports to the Building Official (two copies), the Owner, and the Engineer or Architect of Record within 48 hours of inspection.

E. The Structural Observers shall submit a final signed report to the Building Safety Division stating that all items requiring Structural Observation were, to the best of their knowledge, in conformance with the approved design drawings, specifications, approved change orders and the applicable workmanship provided in the International Building Code. Items not in conformance, unresolved items, and any discrepancies in inspection coverage shall be specifically itemized in the final report.

END OF SECTION

TEMPORARY FACILITIES AND CONTROLS

PART 1. GENERAL

1.01 DESCRIPTION OF REQUIREMENTS

A. Definitions: Specific administrative and procedural minimum actions are specified in this section as extensions of provision in General Conditions and other Contract Documents. These requirements have been included for special purposes as indicated. Nothing in this section is intended to limit types and amounts of temporary work required, and no omission from this section will be recognized as an indication that such temporary activity is not required for successful completion of the work and compliance with requirements of Contract Documents. Provisions of this section are applicable to, but not by way of limitation, utility services, construction facilities, support facilities, and security-protection provisions.

1.02 QUALITY ASSURANCE

A. In addition to compliance with governing regulations and rules/recommendations of utility companies, comply with specific requirements indicated and with applicable local codes and industry standards for construction work.

1.03 JOB CONDITIONS

A. General: Establish and initiate use of each temporary facility at time first reasonably required for proper performance of the work. Terminate use and remove facilities at earliest reasonable time, when no longer needed or when permanent facilities have, with authorized use, replaced the need.

B. Conditions of Use: Install, operate, maintain, and protect temporary facilities in a manner and at locations which will be safe, non-hazardous, sanitary, and protective of persons and property, and free of deleterious effects.

C. Pay all costs for such general services and temporary facilities, except as otherwise specified, until final acceptance of the work and/or Owner’s beneficial occupancy of completed portions of the work.

PART 2. PRODUCTS

2.01 MATERIALS

A. Materials may be new or used but must be suitable and adequate in capacity for the required usage, must not create unsafe conditions, and must not violate requirements of applicable codes and standards.

B. New electrical utility drops and new transformers will be installed by the local electric utility and is not a part of the scope of work. Permanent electrical service and distribution from the new transformer is required and made a part of Scope of Work to be complete for Substantial Completion.

PART 3. EXECUTION

3.01 TEMPORARY FACILITIES

A. Sanitary Facilities

1. Provide and maintain temporary sanitary toilets in number required, location directed, and types approved by the regulatory authorities.

B. Electricity

1. Make all arrangements and pay for temporary electrical service to the construction area. Provide all equipment necessary for temporary power and lighting, and pay all charges for this equipment, and the installation thereof. Verify that electrical service is of adequate capacity for all construction tools and equipment without overloading the facilities.
2. Provide power distribution as required throughout for construction operations of all trades. The termination of power distribution shall be at convenient locations in the building. Terminations shall be provided for each voltage supply complete with circuit breakers, disconnect switches, and other electrical devices as required to protect the power supply system.
3. A temporary lighting system shall be furnished, installed and maintained as required to satisfy minimum requirements of safety and security. The temporary lighting system shall afford general illumination in all building areas and shall supply no less than 1-watt per square foot of floor area for illumination in the areas of the building where work is being performed.
4. All temporary equipment and wiring for power and lighting shall be in accordance with the applicable provisions of the governing codes. All temporary wiring shall be maintained in a safe manner and utilized so as not to constitute a hazard to persons or property.
5. When permanent electrical power and lighting systems are in operating condition they may be used for temporary power and lighting for construction purposes, provided that Contractor assumes full responsibility for the entire power and lighting systems and pays for power consumption until final acceptance or beneficial occupancy, whichever is first.
6. At the completion of the construction work all temporary wiring, lighting and other temporary electrical equipment devices shall be removed.

C. Heating, Cooling and Ventilation: Furnish by approved methods, temporary heat including fuel and power as required to protect materials and work from dampness and cold and to dry out the facility. New permanent heating system may be used for this purpose; however, such use shall not relieve Contractor of Guarantee responsibilities. Refer to individual sections for temperatures to be maintained for the work of the various trades. If the permanent heating is used for temporary heat, ducts shall be completely cleaned of dust and dirt and all filters replaced if "throw-away" type or cleaned if permanent type prior to occupancy.

D. Water Service

1. Provide all water necessary for construction purposes.
2. Furnish drinking water with suitable containers and cups for use of employees. Drinking water dispensers shall be conveniently located in the building where work is in progress.

3.02 TEMPORARY CONTROLS

A. Access Provisions

1. Provide ramps, stairs, ladders, and similar temporary access elements as reasonably required to perform the work and facilitate its inspection during installation. Comply with reasonable requests of governing authorities performing inspections.

B. Environmental Control

1. Provide and maintain all fences, barricades, lights, shoring and other protective structures or devices necessary for the safety of workmen, equipment, the public and property as required by state or municipal laws and regulations, and local ordinances, laws and other requirements of the municipality, state, and other authorities having jurisdiction with regard to safety precautions, dust control, and fire hazards.

C. Security and Protection Provisions.

1. The types of temporary security and protection provisions required include, but not by way of limitation, fire protection, personnel security program (theft prevention), and similar provisions intended to minimize property losses, personal injuries, and claims for damages at project site throughout construction period.
2. Building Enclosure and Lock-up: At earliest possible date secure building against unauthorized entrance at times when personnel are not working. Provide secure temporary enclosures at ground floor and other locations of possible entry, with locked entrances.
3. Fire Extinguishers: Provide types, sizes, numbers, and locations as would be reasonably effective in extinguishing fires during early stages by personnel at project site. Provide Type ABC dry chemical extinguishers; comply with recommendations of NFPA 10. Post warning and instructions at each extinguisher location, and instruct all personnel at project site, at time of their first arrival, on proper use of extinguishers and other available facilities at project site. Post local fire department call number on each telephone at project site.
4. Before beginning any work that may result in a fire alarm transmission, the contractor shall call both the Anchorage Fire Department dispatcher at (907) 522-1122 and the local fire station which would respond to an alarm and let them know you will be working on the system and for approximately how long. Second, the contractor shall call Guardian Security at (907) 274-5275 and notify the dispatcher that you have called the Fire Department, what type of work you are planning to do, and approximately how long before you expect to be completed. After the contractor is completed with your work, you must reverse the process by notifying the Fire Department dispatcher and the ASD Dispatcher that you are finished.

3.03 REMOVAL

A. Maintain all temporary facilities and controls as long as needed for safe and proper completion of Work. Remove all such temporary facilities and controls as rapidly as progress of the Work will permit, or as directed by Project Manager. Clean and repair damage caused by temporary installations or use of temporary facilities. Restore existing facilities used for temporary services to specified or original condition.

END OF SECTION

MAINTENANCE OF TRAFFIC

PART 1. GENERAL

1.01 DESCRIPTION OF WORK

A. When working adjacent to school playgrounds, provide flagmen. Payment for such flagging and protective flagmen services shall be borne by Contractor.

B. Contractor shall retain responsibility for traffic operations and protective measures to assure safe flow of traffic. Contractor shall cooperate with Owner so that traffic flow is minimally impeded by execution of work under this Contract.

1.02 SUBMITTALS

A. Prior to starting any work, Contractor shall submit to the Authority having Jurisdiction and the Project Manager, detailed plan of his proposed method for controlling traffic at each affected location. Proposed traffic control plan shall show and describe proposed locations and time durations covering the following:

1. Vehicular traffic routing including School Buses.
2. Traffic blockage anticipated to be caused by work under this contract.
3. Address conflicts between Pedestrian and vehicular traffic.

1.03 TRAFFIC MAINTENANCE FACILITIES

A. Other than as shown on approved traffic control plans, at no time shall Contractor’s operations interfere with safe and orderly operation of school. Encroachment by Contractor’s operations will not be permitted.

B. For duration of Contract, Contractor shall immediately repair or replace any and all appurtenances damaged or destroyed in performance of work included herein.

C. Upon completion of work, temporary traffic maintenance items furnished by Contractor shall remain his property and shall be removed from site by Contractor.

D. Contractor shall utilize dust control methods to control dust on access streets and project site to satisfaction of the Project Manager.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

PROJECT SIGN

PART 1. GENERAL

1.01 DESCRIPTION OF WORK

A. Furnish, install, and maintain project identification sign.

B. Project sign must be approved and permitted, prior to erections. Allow no other signs to be displayed.

1.02 PROJECT IDENTIFICATION

A. Painted sign of 32 sf. area with painted graphic, or printed vinyl sign, content to include:

1. Title of project
2. Name of Owner.
3. Names of professional consultants
4. Prime contractor.
5. Major subcontractors.
6. An area 18" square for Owner logo.

B. Graphic design, style of lettering, and colors: As shown in this section.

C. Erect on the site at a lighted location of high public visibility as approved by Project Manager.

1.03 QUALITY ASSURANCE

A. Sign Painter: Professional experience in type of work required.

B. Finishes, Painting: Adequate to resist weathering and fading during scheduled construction period.

PART 2. PRODUCTS

2.01 SIGN MATERIALS

A. Structure and Framing: may be new or used, wood or metal, in sound condition structurally adequate to work and suitable for specified finish.

B. Sign Surfaces: Exterior softwood plywood with medium density overlay, standard large sizes to minimize joints. Thickness as required by standards to span framing members, to provide even, smooth surface without waves or buckles.

C. Rough Hardware: Galvanized.

D. Paint: Exterior quality semi-gloss Alkyd, as specified in painting specification.

E. Vinyl Lettering and Graphics may be considered upon submittal to Project Manager.

PART 3. EXECUTION

3.01 PROJECT SIGN

A. Paint exposed surfaces of supports, framing, and surface material; one coat of primer and one coat of exterior paint.

B. Paint graphics in styles, sizes and colors selected.

3.02 MAINTENANCE

A. Maintain sign and supports in a neat, clean condition; repair damages to structure, framing or sign.

3.03 REMOVAL

A. Remove sign, framing, supports, and foundations at completion of the project.

END OF SECTION

MATERIALS AND EQUIPMENT

PART 1. GENERAL

1.01 DESCRIPTION

A. Materials and Equipment incorporated into Work shall:

1. Conform to applicable specifications and standards.
2. Comply with size, make, type, and quantity specified, unless otherwise approved in writing.

B. Manufactured and Fabricated Products:

1. Manufacture like parts of duplicate units to standard size and gauges, and to be interchangeable.
2. Two or more items of same kind shall be identical, and by same Manufacturer.
3. Products shall be suitable for service conditions.
4. Equipment shall comply with capacity, sizes, and dimensions shown or specified, unless otherwise approved in writing.

C. Do not use materials or equipment for any purpose other than that for which designed or specified.

1.02 RELATED REQUIREMENTS

A. Section 01010: Summary of Work

B. Section 01340: Shop Drawing, Product Data and Samples.

C. Section 01630: Substitution and Product Options

D. Section 01710: Cleaning

1.03 CONTRACTOR'S OPTIONS

A. For products specified only by reference standard, select any product meeting standard.

B. For products specified by naming several products, select any of such products.

C. For products specified by naming one or more products and "or approved", select any one specified product or submit request for substitution as specified.

1.04 INAPPROPRIATE PRODUCTS AND METHODS

A. If Contractor believes that any specified product, method, or system is inappropriate for use, he shall, if possible, so notify the Project Manager at least ten (10) working days prior to bid opening, and if not possible, such notice shall be given before performing work in question. If notice of objection is not received within the specified time limits, it will be assumed that Contractor agrees that specified products, methods, and systems are not inappropriate for use.

B. No asbestos containing materials are to be incorporated into the project. Certification signed by the General Contractor shall state that Asbestos Containing materials have not been installed under this project. Turn certification in to Project Manager no later than first

payment application submittal. Recertify to Owner at substantial completion inspection.

1.05 PRODUCT SUBSTITUTIONS

A. Refer to Section 01630.

1.06 NUMBER OF PRODUCTS REQUIRED

A. Whenever in specifications a product is referred to in singular number, such reference shall include as many such products as are shown on Drawings are required to complete the Work.

1.07 PRODUCTS LIST

A. Submit to Project Manager complete list of major products proposed for use; Specification Section, include proprietary product name, manufacturer's name, and installing Subcontractor's name in accordance with requirement of Section 01340 Shop Drawing, Product Data and Samples.

1.08 MANUFACTURER'S INSTRUCTIONS

A. Perform work in accordance with Manufacturer's instructions.

B. Do not omit preparatory or installation procedures required by Manufacturer, unless specifically modified by Contractor Documents.

C. When Contract Documents require Work to comply with Manufacturer's instruction, obtain and distribute such instructions to parties performing work, including copies to Architect and Project Manager. Maintain one set at job site during installation and until acceptance.

D. Handle, install, connect, clean, condition, and adjust products in strict accord with such instructions and in conformance with specified requirements.

E. Should job conditions or specified requirements conflict with Manufacturer's instructions, consult Project Manager for further instructions.

F. Do not proceed with work without clear instructions.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

DELIVERY, STORAGE AND HANDLING

PART 1. GENERAL

1.01 DESCRIPTION OF WORK

A. Provide for expeditious transportation and delivery of products to project site undamaged, on schedule to avoid delay of the Work.

B. Providing equipment and personnel at site to unload and handle products in manner to avoid damage to products.

C. Provide secure storage and protection for products to be incorporated into the Work, and maintenance and protection for products after installation and until completion of the Work.

1.02 DELIVERY

A. Arrange deliveries of products in accord with construction schedules and in ample time to facilitate inspection prior to installation.

B. Coordinate deliveries to avoid conflict with work and conditions at site. Contractor deliveries must not conflict with:

1. Work of other Contractors, or Owner.
2. Limitations of storage space.
3. Availability of equipment and personnel for handling products.
4. Owner's use of premises.

C. Deliver products in undamaged condition in original containers or packaging, with identifying labels intact and legible.

D. Partial deliveries of component parts of equipment shall be clearly marked to identify equipment, to permit easy accumulation of parts and to facilitate assembly.

E. Immediately upon delivery, inspect shipment to assure:

1. Product complies with requirements of contract documents and reviewed submittals.
2. Quantities are correct.
3. Containers and packages are intact, labels are legible.
4. Products are protected and undamaged. Minor damages may be repaired, provided finish items are equivalent in all respects to new work.

1.03 PRODUCT HANDLING

A. Provide equipment and personnel necessary to handle products, including those provided by Owner, by methods to prevent soiling or damage to products or packaging.

B. Provide additional protection during handling as necessary to prevent scraping, marring, or otherwise damaging products or surrounding surfaces.

C. Handle products by methods to prevent bending or over-stressing.

D. Lift heavy components only at designated lifting points.

1.04 STORAGE

A. Store products immediately on delivery and protect until installed in the Work. Store in accord with manufacturer's instructions, with seals and labels intact and legible.

B. Store products subject to damage by elements in substantial weather-tight enclosures.

1. Maintain temperatures with ranges required by manufacturer's instructions.
2. Provide humidity control for sensitive products, as required by manufacturer's instructions.
3. Store unpacked products on shelves, in bins, or in neat piles, accessible for inspection.

C. Exterior Storage

1. Provide substantial platforms, blocking, or skids to support fabricated products 4" above ground, prevent soiling or staining.
2. Cover products, subject to discoloration or deterioration from exposure to elements, with impervious sheet coverings. Avoid use of non-vented plastic or canvas shelters which could create humidity chambers. Provide adequate ventilation to avoid condensation.
3. Store loose granular materials in solid surfaces such as paved areas or provide plywood or sheet materials to prevent mixing with foreign matter.

a. Provide surface drainage to prevent flow or ponding of rainwater.
b. Prevent mixing of refuse or chemically injurious materials or liquids.

4. Provide exterior storage area within Contractor Secure area.

D. Arrange storage in manner to provide easy access for inspection.

1.05 MAINTENANCE OF STORAGE

A. Maintain periodic system of inspection of stored products on scheduled basis to ensure that:

1. State of storage facilities is adequate to provide required conditions.
2. Required environmental conditions are maintained on continuing basis.
3. Surfaces of products exposed to elements are not adversely affected. Any weathering of products, coatings, and finishes is not acceptable under requirements of contract documents.

B. Mechanical and electrical equipment which requires servicing during long-term storage shall have complete manufacturer's instructions for servicing accompanying each item, with notice of enclosed instructions shown on exterior of package.

1.06 PROTECTION AFTER INSTALLATION

A. Provide protection of installed products to prevent damage from subsequent operations, usage or vandalism. Remove when no longer needed, prior to completion of work.

B. Control traffic to prevent damage to equipment and surfaces.

C. Provide coverings to protect finished surfaces from damage.

1. Cover projections, wall corners, jambs, sills, and soffits of openings, in areas used for traffic and for passage of products in subsequent work.
2. Protect finished floors and stairs from dirt and damage.

    a. In areas subject to foot traffic, secure heavy paper, sheet goods, and other materials in place.
    b. For movement of heavy products, lay planking or similar materials in place.
    c. For storage of product, lay tight wood sheathing in place.

D. Waterproofed and Roofing Surfaces

1. Prohibit use of surface for traffic and any kind, or for storage of any products.
2. When some activity must take place in order to carry out Contract, obtain recommendations from installer for protection of surface.

    a. Install recommended protection, remove on completion of that activity.
    b. Restrict use of adjacent unprotected areas.

1.07 DAMAGED PRODUCTS

A. Remove damaged or deteriorated materials from the premises. Replace materials which have been damaged.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

SUBSTITUTION AND PRODUCT OPTIONS

PART 1. GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.02 DESCRIPTION OF WORK

A. Contractor's options in selection of products.

B. Requests for substitution of products.

1.03 RELATED REQUIREMENTS

A. Section 00100 - Instruction to Bidders.

B. Section 00700 and 00800 - General Conditions and Supplementary General Conditions of the Contract for Construction.

C. Section 01340 - Shop Drawings, Product Data and Samples.

1.04 CONTRACTOR’S OPTIONS

A. Reference to any equipment, material, article, or patented process by trade name, make or catalog number shall be regarded as establishing a standard of quality and characteristics of products that will be satisfactory and shall not be construed as limiting competition.

B. Whether or not specifically named equipment or material is followed by the term “equivalent" or “equivalent product" or “approved equal", it shall not exclude other manufacturer's equipment or materials from consideration, unless "NO SUBSTITUTIONS" called out in the specification sections. In this usage, the terms "equivalent" and "equal" or "approved equal" are interchangeable though a product or method considered for substitution may be equivalent to a specified product or method without actually being equal, by virtue of performance, appearance, and meeting specified or implied criteria.

C. No item will be considered for substitution prior to the bid opening. Consequently, the Bidder shall make its own determination if a substituted item will be equivalent to or better than that specified or indicated in regard to quality, workmanship, finish, space requirements, electrical requirements, performance and guarantees or warranties. Any change in bid and/or contract amount due to any subsequent rejection of product found "not equivalent" will not be considered.

D. After the Notice to Proceed the Contractor shall submit sufficient data in accordance with this Section to establish equality. The Owner’s Representative shall be the sole judge of equality and acceptability.

E. Acceptance of substitute materials will not relieve the Contractor of the responsibility for any changes in the Contractor's own work or in the work of other trades caused by the substitution. Any additional costs resulting from substitutions are the responsibility of the Contractor.

1.05 SUBSTITUTION PROCEDURE

A. Requests for substitutions of products will be considered only within 90 calendar days after Notice to Proceed. Subsequent requests will be considered only when judged to be in the best interest of the Owner.

B. Substitutions will not be considered when indicated on shop drawings or product data submittals without separate formal request, when requested directly by subcontractor or supplier, or when acceptance will require substantial revision of Contract Documents.

C. Substitute products shall not be ordered or delivered without written acceptance.

D. Submit separate request for each substitution. Document each request with complete data substantiating compliance of proposed substitution with requirements of Contract Documents.

E. Identify products by specifications section and article numbers. Provide manufacturer's name and address, trade name of product, and model or catalog number. List fabricators and suppliers as appropriate.

F. Attach product data as specified in Section 01340 and the following:

1. Give itemized comparison of proposed substitution with specified product and listing variations.
2. Give quality and performance comparison between proposed substitution and specified product.
3. List availability of maintenance services and replacement materials.
4. State effect of substitution on construction schedule, and changes required in other work or products.

G. If no requests for substitutions have been received within time frame stated above, it will be assumed that construction will proceed with equipment, materials and products called for in Contract Documents.

If this is subsequently found not to be the case, the Owner reserves the right to demand that unapproved item be removed and replaced with specified item.

1.06 CONTRACTOR REPRESENTATION

A. Request for substitution constitutes a representation that Contractor has investigated proposed product and has determined that it is equal to or superior in all respects to specified product.

B. Contractor shall provide same warranty or bonds for substitution as for specified product.

C. Contractor shall coordinate installation of accepted substitute, making such changes as may be required for work to be complete in all respects, specifically including any related redesign costs.

D. Contractor waives claims for additional cost caused by substitution which may subsequently become apparent.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

(Except for “Substitution Request Form,” 1 page)

SUBSTITUTION REQUEST FORM

TO: _____

PROJECT: _____

We hereby submit for your consideration the following product instead of the specified item for the above project:

Section_____Page_____Paragraph_____Specified Item_____

Proposed Substitution: _____

Attach complete Product description, drawings, photographs, performance and test data, and other information necessary for evaluation.

Will changes be required to building design in order to properly install proposed substitution? Yes____ No ____ If Yes, explain: (Add second sheet).

Will the undersigned pay for changes to the building design, including engineering and drawing costs, caused by requested substitution? Yes____ No ____.

What differences exist between proposed substitution and specified item?

Does substitution affect Drawing dimension? Yes____ No ____ If Yes, explain: (Add second sheet.)

What affect does substitution have on other trades?

Does Manufacturer's warranty of proposed substitution differ from that specified?
Yes____ No ____ If Yes, explain: (Add second sheet.)

Will substitution affect Progress Schedule? Yes____ No ____ If Yes, explain: (Add second sheet.)

Will substitution cost more than specified Product? Yes____ No ____ If Yes, explain: (Add second sheet.)

Do substitutions affect the Commissioning process and checklists included in Division 17? Yes____ No ____ If any, attach a marked-up copy of the appropriate Checklist(s) from Division 17 for Owner's approval.

Will maintenance and service parts be locally available for substitution? Yes____ No ____ If Yes, explain: (Add second sheet.)

Submitted by:

Signature:_____

Firm:_____

Address:_____

City:_____

Date:_____

For Owner's Representative's Use Only:

Accepted ( ) Accepted as Noted ( )
Not Accepted ( ) Received Too Late ( )

By:_____

Date:_____

Remarks:_____

Phone:_____

STARTING OF SYSTEMS

PART 1. GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

1.02 SECTION INCLUDES

A. Starting systems.

B. Demonstration and instructions.

C. Testing, adjusting, and balancing.

1.03 RELATED SECTIONS

A. Section 01730 - Operating and Maintenance Data.

1.04 STARTING SYSTEMS

A. Coordinate schedule for start-up of various equipment and systems.

B. Notify Owner seven days prior to start-up of each item.

C. Verify that each piece of equipment or system has been checked for proper lubrication, drive rotation, belt tension, control sequence, or for other conditions which may cause damage.

D. Verify that tests, meter readings, and specified electrical characteristics agree with those required by the equipment or system manufacturer.

E. Verify wiring and support components for equipment are complete and tested.

F. Execute start-up under supervision of applicable manufacturer’s representative in accordance with manufacturers’ instructions.

G. When specified in individual specification Sections, require manufacturer to provide authorized representative to be present at site to inspect, check, and approve equipment or system installation prior to start-up, and to supervise placing equipment or system in operation.

1.05 DEMONSTRATION AND INSTRUCTIONS

A. Demonstrate operation and maintenance of Products to Owner’s personnel two weeks prior to date of Substantial Completion.

B. In a classroom environment located at the Project site, demonstrate, and provide instruction for the Project equipment by a manufacturer’s representative who is knowledgeable about the Project.

C. For equipment or systems requiring seasonal operation, perform demonstration for other season within nine months.

D. Utilize operation and maintenance manuals as basis for instruction. Review contents of manual with Owner's personnel in detail to explain all aspects of operation and maintenance.

E. Demonstrate start-up, operation, control, adjustment, trouble-shooting, servicing, maintenance, and shutdown of each item of equipment at agreed time, at equipment location.

F. Prepare and insert additional data in operations and maintenance manuals when need for additional data becomes apparent during instruction.

G. The amount of time required for instruction on each item of equipment and system is that specified in individual sections.

1.06 TESTING, ADJUSTING, AND BALANCING

A. The independent firm will perform services specified in Section 01410.

B. Reports will be submitted by the independent firm to the Owner indicating observations and results of tests and indicating compliance or non-compliance with the requirements of the Contract Documents.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

PROJECT CLOSEOUT

PART 1. GENERAL

1.01 GENERAL CONDITIONS

A. Definitions: Closeout is hereby defined to include general requirements near the end of contract time, in preparation for final acceptance, final payment, normal termination of contract, occupancy by Owner and similar actions evidencing completion of the work. Specific requirements for individual units of work are specified in sections of Division 2 through 31. Time of Closeout is directly related to “Substantial Completion”.

1.02 RELATED REQUIREMENTS SPECIFIED ELSEWHERE

A. Section 00700 and 00800: General and Supplementary General Conditions of the Contract for Construction

B. Section 01750: Warranty of Work after Final Payment

C. Section 01750: Certificate of Compliance

1.03 SUBSTANTIAL COMPLETION

A. When Contractor considers work substantially complete as defined in contract conditions, he shall submit to the Project Manager:

1. Written notice that work, or designated portion thereof, is substantially complete.
2. List of items to be completed or corrected.
3. Conditional Certificate of Occupancy from governing authorities.
4. Project Records and Contract Record Drawings.

B. Project Manager will at the mutually agreed time, make inspection to determine completion status.

1. Should Project Manager determine that work is not substantially complete:

   a. Project Manager will promptly notify Contractor, in writing, giving reasons therefore.
   b. Contractor will remedy work deficiencies, and send second notice of substantial completion to Project Manager.
   c. Project Manager will re-inspect work, with his cost and/or expense for such to be the Contractor's responsibility.

2. When Project Manager concurs that work is substantially complete, the Architect will:

   a. Prepare Certificate of Substantial Completion accompanied with Contractor’s list of items to be completed or corrected, as verified and amended by the Project Manager and Architect.
   b. Submit certificate to Owner and Contractor for their written acceptance of the responsibilities assigned to them in the certificate.

1.04 FINAL INSPECTION

A. When Contractor considers work complete, he shall submit written certification that:

1. Contract documents have been reviewed.

2. Contractor has inspected work for compliance with contract documents.
3. Work has been completed in accordance with contract documents.
4. Equipment and systems have been tested and operated in presence of Owner's representative and are operational.
5. Copy of substantial completion punch lists stating that each item has been completed or otherwise resolved for acceptance.

B. Project Manager will, at the mutually agreed time, inspect the work to verify completion status.

1. Should the Project Manager consider work incomplete or defective:

a. Project Manager will promptly notify Contractor in writing of any incomplete or defective work.
b. Contractor shall immediately remedy deficiencies, and send written certification to Project Manager that work is complete.
c. Project Manager will re-inspect work.

2. When Project Manager finds the work acceptable under contract documents, he will request Contractor to make closeout submittals.

1.05 RE-INSPECTION FEES

A. Should Project Manager and or Engineer be required to make more than one substantial and/or final inspection due to Contractor's failure to correct specified deficiencies, the Contractor shall bear all costs made necessary by such additional inspections.

1.06 SUBMITTALS

A. Record Drawings

1. Prior to Final Completion of the Project, the Contractor and/or Subcontractors under his direction, shall submit records of changes on prints to Project Manager.
2. Accompany submittal with transmittal letter, to Project Manager, containing:

a. Date
b. Project title and number
c. Contractor's name and address
d. Title and number of each record document
e. Certification that each document as submitted is complete and accurate.
f. Signature of Contractor, or his authorized representative.

3. Provide drawings and special system drawings on CD in AutoCad format.

B. Project Record Documents

C. Operating and Maintenance Data

D. Building Official's Certificate of Occupancy (MUST BE RECEIVED IN TIME TO ALLOW OCCUPANCY ON DATE REQUIRED IN CONTRACT DOCUMENTS).

E. Warranty of Work after Final Payment Section 01750

F. Certificate of Compliance Section 01750

G. AHERA Exclusion document Section 01750

H. Department of Revenue Tax Clearance Section 01750

I. Department of Labor Tax Clearance Section 01750

J. Department of Labor Notice of Completion of Public Works Section 01750

K. Certificate of Domestic water disinfection.

L. Evidence of Payments and Release of Liens

1. Contractor's Affidavit of Payment of Debt and Claims.
2. Contractor's Affidavit of Release of Liens including the following:

   a. Consent of Contractor's Surety to Final Payment.
   b. Contractor's Release of Waiver of Liens.
   c. Separate releases of Waivers of Lien for each subcontractor, supplier, and others with lien rights against Owner’s property.

M. Storm Water Pollution Prevention Plan (SWPPP) and associated documents.

1. A copy of the Notice of Intent (NOI) and the plan review location notice shall be posted in the project office on site.
2. A copy of the SWPPP shall be retained in the project office during construction.
3. All records relating to the SWPPP, as well as the Plan, the NOI, and NOT shall be retained by the Contractor and the Municipality of Anchorage for three years after the NOT is issued.
4. Copies of all SWPPP documents are to be delivered to the Municipality of Anchorage and the Anchorage School District upon completion of the project and before final closeout.

N. Closeout Checklist Section 01750

1. A closeout checklist is provided for convenience in tracking the necessary documentation and deliverables for project closure. This checklist should be updated and submitted with each closeout deliverable.

1.07 FINAL APPLICATION FOR PAYMENT

A. Follow procedures specified in General and Special Conditions, and also note miscellaneous prerequisites for final payment noted in this section.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

CLEANING

PART 1. GENERAL

1.01 DESCRIPTION

A. Execute cleaning, during progress of the work, and at completion of the work.

1.02 DISPOSAL REQUIREMENTS

A. Conduct cleaning and disposal operations to comply with codes, ordinances, regulations, and anti-pollution laws.

PART 2. PRODUCTS

2.01 MATERIALS

A. Use only those cleaning materials which will not create hazards to health or property and which will not damage surfaces.

PART 3. EXECUTION

3.01 DURING CONSTRUCTION

A. Execute periodic cleaning to keep the work, the site, and adjacent areas free from accumulations of waste materials, rubbish, and debris, resulting from construction operations.

B. Provide on-site containers for the collection of waste materials, debris, and rubbish.

C. Remove waste materials, debris, and rubbish from the site periodically and dispose of.

3.02 DUST CONTROL

A. Clean interior spaces prior to the start of finishing painting and continue cleaning on an as-needed basis until painting is finished.

B. Schedule operations so that dust and other contaminants resulting from cleaning process will not fall on wet or newly coated surfaces.

3.03 FINAL CLEANING

A. Employ skilled workmen for final cleaning.

B. Remove grease, mastic, adhesives, dust, dirt, stains, fingerprints, labels, and other foreign materials from sight-exposed interior and exterior surfaces.

C. Prior to final completion, or Owner occupancy, the Contractor shall conduct an inspection of sight-exposed interior surfaces and all work areas to verify that the entire work is clean.

END OF SECTION

PROJECT RECORD DOCUMENTS

PART 1. GENERAL

1.01 REQUIREMENTS INCLUDED

A. Maintenance of record documents and samples.

B. Submittal of record documents and samples.

1.02 RELATED REQUIREMENTS

A. Section 00700 - General Conditions of the Contract for Construction.

B. Section 01300 - Submittals.

C. Section 01340 - Shop Drawings, Product Data and Samples.

D. Section 01700 - Project Closeout.

E. Individual Specifications Sections: Manufacturer's certificates and certificates of inspection.

1.03 MAINTENANCE OF DOCUMENTS AND SAMPLES

A. In addition to requirements in General Conditions, maintain at the job site for Owner's use one record copy of:

1. Contract Drawings.
2. Specifications.
3. Addenda.
4. Change orders and other modifications to the Contract.
5. Reviewed shop drawings, product data and samples.
6. Field test records.
7. Inspection certificates.
8. Manufacturer's certificates.
9. Request for Information (RFI)
10. Request for Proposal (RFP)
11. Current Construction Network.

B. Store record documents and samples in the field office apart from the documents used for construction.

C. Label and file record documents and samples in accordance with Section number listings in Table of Contents of this Project Manual. Label each document "PROJECT RECORD" in neat, large, printed letters.

D. Maintain record documents in a clean, dry and legible condition. Do not use record documents for construction purposes.

Keep record documents and samples available for inspection by the Project Manager.

1.04 RECORDING

A. From the copies of Contract Documents to be furnished by Project Manager, the Contractor and/or Subcontractors shall record on a set of clean, new prints each and every change that is made, at time it is made, in red. This includes any changes that are made in partitions, doors, or otherwise in arrangement of construction of buildings as well as a complete record of exact manner in which electrical and mechanical work, piping, etc., are installed. All Change Orders, RFI's, and Information Bulletins shall be incorporated. Dimensions shall be included where necessary to accurately locate piping and other items that will be concealed underground or in finished building that may later be necessary to service.

B. Contract Drawings: Legibly mark to record actual construction.

1. Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvements.
2. Field changes of dimensions and detail.
3. Changes made by Change Order and other modifications.
4. Details not on original contract drawings.
5. References to related shop drawings and modifications.

C. Shop Drawings: Maintain as record documents, legibly annotate appropriate drawings to record changes made after review.

D. Specifications and Addenda: Legibly mark up each section to record:

1. Changes made by Change Order.
2. Manufacturer, trade name and catalog number of each product actually installed, particularly optional items and substitute items.
3. Changes made by addenda and modifications.
4. Other matters not originally specified.

E. Label each document "PROJECT RECORD" in printed letters.

F. Keep record documents current. No progress payments will be made until record documents are verified by the Project Manager as being current.

G. Do not permanently conceal any work until required information has been recorded.

H. Methodology:

1. Changes to Work are described by source documents, including, but not limited to, Field Directives (FD), Information Bulletins (IB), Requests for Information (RFI), and Requests for Proposals (RFP), and their attachments. (Reference Section 00700, Article 12.)
2. Project Record drawings are to completely and clearly reflect all Changes to Work by graphically showing actual changes to dimensions, locations, materials, assemblies, and other conditions; by graphically deleting conditions replaced by such changes; and by indicating applicable source document's reference number. Such reference number shall not be the sole representation of Changes to Work shown on Project Record drawings.
3. Where A/E furnishes supplemental drawings, Project Record drawings are to show both the A/E's supplemental drawing reference number and the source document's reference number at the affected location.

1.05 SUBMITTAL

A. Prior to Final Completion of the Project, the Contractor and/or Subcontractors under his direction, shall submit records of changes on prints to Project Manager.

B. Accompany submittal with transmittal letter, to Project Manager, containing:

1. Date
2. Project title and number
3. Contractor's name and address
4. Title and number of each record document
5. Certification that each document as submitted is complete and accurate.
6. Signature of Contractor, or his authorized representative.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

OPERATING AND MAINTENANCE DATA

PART 1. GENERAL

1.01 SECTION INCLUDES

A. Format and content of manuals.

B. Instruction of Owner's personnel.

C. Schedule of submittals.

1.02 RELATED SECTIONS

A. Section 01300 - Submittals

B. Section 01400 - Quality Control

C. Section 01420 - Special Inspections

D. Section 01410 - Testing Laboratory Services

E. Section 01600 - Materials and Equipment

F. Section 01700 - Project Closeout

G. Section 01750 - Closeout Forms

H. Individual Specifications Sections: Specific requirements for operation and maintenance data.

1.03 QUALITY ASSURANCE

A. Prepare instructions and data by personnel experienced in maintenance and operation of described products.

1.04 FORMAT

A. Prepare data in the form of an instructional manual.

B. Electronic: Optical Character Recognition (OCR) formatted pdf document.

C. Cover: Identify each pdf with a title “OPERATING AND MAINTENANCE INSTRUCTIONS”; identify title of Project; identify subject matter of contents.

D. Provide bookmarked pdf for each separate product and system, with typed description of product and major component parts of equipment.

E. Text: Manufacturer’s printed or typewritten data.

F. Drawings: Provide with O&M documents.

G. Contents: Prepare a Table of Contents for each volume, with each Product or System description identified, in three parts as follows:

1. Part 1: Directory, listing names, addresses, and telephone numbers of Architect/Engineer, Contractor, Subcontractors, and major equipment suppliers.

2. Part 2: Operation and maintenance instructions arranged by and subdivided by specification section. For each category, identify names, addresses, and telephone numbers of Subcontractors and suppliers. Identify the following:

    a. Significant design criteria.
    b. List of equipment.
    c. Parts list for each component.
    d. Operating instructions.
    e. Maintenance instructions for equipment and systems.
    f. Maintenance instructions for finishes, including recommended cleaning methods and materials, and special precautions identifying detrimental agents.

3. Part 3: Project documents and certificates, including the following:

    a. Shop drawings and product data.
    b. Air and water balance reports.
    c. Certificates.
    d. Photocopies of warranties and bonds.

1.05 CONTENTS, EACH VOLUME

A. Table of Contents: Provide title of Project; names, addresses, and telephone numbers of Architect/Engineer, Subconsultants, and Contractor with name of responsible parties; schedule of products and systems, indexed to content of the volume.

B. For Each Product or System: List names, addresses and telephone numbers of Subcontractors and suppliers, including local source of supplies and replacement parts.

C. Product Data: Mark each sheet to clearly identify specific products and component parts, and data applicable to installation. Delete inapplicable information.

D. Drawings: Supplement product data to illustrate relations of component parts of equipment and systems, to show control and flow diagrams. Do not use Project Record Documents as maintenance drawings.

E. Typed Text: As required to supplement product data. Provide logical sequence of instructions for each procedure, incorporating manufacturer’s instructions specified in Section 01400.

F. Warranties and Bonds: Bind in copy of each.

1.06 MANUAL FOR MATERIALS AND FINISHES

A. Building Products, Applied Materials, and Finishes: Include product data, with catalog number, size, composition, and color and texture designations. (Provide information for re-ordering custom manufactured Products.)

B. Instructions for Care and Maintenance: Include manufacturer's recommendations for cleaning agents and methods, precautions against detrimental agents and methods, and recommended schedule for cleaning and maintenance.

C. Moisture Protection and Weather Exposed Products: Include product data listing applicable reference standards, chemical composition, and details of installation. Provide recommendations for inspections, maintenance, and repair.

D. Additional Requirements: As specified in individual Product specification sections.

E. Provide a listing in Table of Contents for design data.

1.07 MANUAL FOR EQUIPMENT AND SYSTEMS

A. Each Item of Equipment and Each System: Include description of unit or system, and component parts. Identify function, normal operating characteristics, and limiting conditions. Include performance curves, with engineering data and tests, and complete nomenclature and model number of replaceable parts.

B. Panelboard Circuit Directories: Provide electrical service characteristics, controls, and communications; typed.

C. Include color coded wiring diagrams as installed.

D. Operating Procedures: Include start-up, break-in, and routine normal operating instructions and sequences. Include regulation, control, stopping, shutdown, and emergency instructions. Include summer, winter, and any special operating instructions.

E. Maintenance Requirements: Include routine procedures and guide for troubleshooting; disassembly, repair, and reassembly instructions; and alignment, adjusting, balancing, and checking instructions.

F. Provide servicing and lubrication schedule, and list of lubricants required.

G. Include manufacturer's printed operation and maintenance instructions.

H. Include sequence of operation by controls manufacturer.

I. Provide original manufacturer’s parts list, illustrations, assembly drawings, and diagrams required for maintenance.

J. Provide control diagrams by controls manufacturer as installed.

K. Provide Contractor’s coordination drawings, with color-coded piping diagrams as installed.

L. Provide charts of valve tag numbers, with location and function of each valve, keyed to flow and control diagrams.

M. Provide list of original manufacturer's spare parts, current prices, and recommended quantities to be maintained in storage.

N. Include test and balancing reports as specified.

O. Additional Requirements: As specified in individual Product specification sections.

P. Provide a listing in Table of Contents for design data, with tabbed (fly sheet indexed) and space for insertion of data.

1.08 MANUALS

A. Operating and Maintenance Manuals: Submit electronic manual for each identified category.

1. Air Balance Report
2. Building Commissioning Reports
3. Materials and Finishes Manual
4. Equipment and Systems Manual
5. Digital and Pneumatic Controls Manual
6. Fire Systems Manual

B. Warranty and Special Warranty Manual: Submit electronic manuals.

1.09 INSTRUCTION OF OWNER PERSONNEL

A. Before final inspection, instruct Owner's designated personnel in operation, adjustment, and maintenance of products, equipment, and systems, at agreed upon times.

B. For equipment requiring seasonal operation, provide instructions for all seasons

C. Use operation and maintenance manuals as basis for instruction. Review contents of manual with personnel in detail to explain all aspects of operation and maintenance.

D. Prepare and insert additional data in Operation and Maintenance Manual when need for such data becomes apparent during instruction.

1.10 SUBMITTALS

A. Submit copies of preliminary draft or proposed formats and outlines of contents before start of Work. Project Manager will review draft and return copy with comments.

B. For equipment, or component parts of equipment put into service during construction and operated by Owner, submit advance copy of documents within ten days after acceptance. Include same information within final Operations and Maintenance documents.

C. Submit draft copy of completed volumes 60 days following acceptance of Project Submittals. Allow 20 days for Architect review and return to Contractor. Provide Contractor resubmittal within 14 days. Allow 14 days for Architect review of resubmittal. Revise content of all document sets as required prior to final submission.

D. Submit fully approved volumes within 115 days after acceptance of Submittals or 10 days prior to Substantial Completion, whichever occurs first.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

CLOSEOUT FORMS

PART 1. GENERAL

1.01 The following forms are to be submitted by the Contractor prior to final project closeout.

1.02 CERTIFICATION OF SUBSTANTIAL COMPLETION

A. Use Anchorage School District Form 101 attached herein.

1.03 CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS

A. Use Anchorage School District Form 102 attached herein.

1.04 RELEASE ON CONTRACTS

A. Use Anchorage School District Form 103 attached herein.

1.05 CONSENT OF SURETY COMPANY TO FINAL PAYMENT

A. Use Anchorage School District Form 104 attached herein.

1.06 CONSENT OF SURETY TO REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE

A. Use Anchorage School District Form 105 attached herein.

1.07 CERTIFICATE OF COMPLIANCE

A. The Contractor shall submit a notarized Certificate of Compliance, contained in this section, with his application for Final Payment.

1.08 WARRANTY OF WORK AFTER FINAL PAYMENT

A. The Contractor shall furnish to the Owner a notarized Warranty of Work after Final Payment, contained in this section, with his application for Final Payment.

1.09 AHERA EXCLUSION DOCUMENT

A. The Contractor shall furnish to the Owner a signed AHERA Exclusion Document, contained in this section, with his application for Final Payment.

1.10 DEPARTMENT OF LABOR NOTICE OF COMPLETION OF PUBLIC WORKS

A. The Contractor shall furnish to the Owner a Notice of Completion of Public Works form approved by the Department of Labor with his application for Final Payment.

1.11 DEPARTMENT OF REVENUE TAX CLEARANCE REQUEST FORM

A. For projects funded through the Department of Education (debt reimbursement or DEED grants), the Contractor shall furnish to the Owner a Tax Clearance Request Form approved by the Department of Revenue with his application for Final Payment.

1.12 DEPARTMENT OF LABOR TAX CLEARANCE REQUEST FORM

A. For projects funded through the Department of Education (debt reimbursement or DEED

grants), the Contractor shall furnish to the Owner a Tax Clearance Request Form approved by the Department of Labor, with his application for Final Payment.

1.13 CLOSEOUT CHECKLIST

A. The closeout checklist is designed to assist the contractor and project manager in the process of completing the project.

CERTIFICATE OF SUBSTANTIAL COMPLETION

Project: _____ Contract Number: _____

Contractor: _____ Contract Date: _____

Architect: _____ Date of Issuance: _____

Owner: ANCHORAGE SCHOOL DISTRICT
1301 Labar Street
Anchorage, Alaska 99515

Project Description:

The work performed under this contract has been reviewed and found to be substantially complete. The date of Substantial Completion is hereby established as: _____

_____

Definition of Date of Substantial Completion:
The date of substantial completion of the project is the date certified by the Owner when the work is substantially complete in accordance with, and defined in the Contract Documents.

A list of items to be completed or corrected, prepared by the Owner and verified and amended by the Architect is appended hereto. The failure to include any items or such list does not alter the responsibility of the Contractor to complete the project in accordance with the Contract Documents.

The Contractor will complete or correct the work on the list of items appended hereto within 30 days from the date of substantial completion.

The responsibilities of the Owner and the Contractor for maintenance, heat, utilities, and insurance shall be as follows: _____

_____

In reliance upon the certification of the Contractor and the Architect, the Owner hereby accepts the project as substantially complete. In accordance with the Contract Documents, the Owner hereby elects to assume occupancy of _____ _____

_____ at _____ a.m./p.m. on
_____ .

Owner: **ANCHORAGE SCHOOL DISTRICT**

By: _____ Title: _____ Date: _____

Architect:

By: _____ Title: _____ Date: _____

Contractor:
By: _____ Title: _____ Date: _____
ASD 101 (01/03)

CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS
ANCHORAGE SCHOOL DISTRICT

WHEREAS, by the terms of a contract dated entered into by the Anchorage School District, and for the construction of

The undersigned, pursuant to the General Conditions of the Contract for the construction, , hereby certifies that, except as listed below, he has paid in full or has otherwise satisied all obligations for all materials and equipment furnished, for all work, labor, and services performed, and for all known indebtness and claims against the Contractor for damages arising in any manner in connection with the performance of the Contract referenced above for which the District or his property might in any way be held responsible.

EXCEPTIONS:

IN WITNESS WHEREOF, the seal of the undersigned Contractor have been hereunto set this day of , at .

By

being first duly sworn, say that I am the agent for and executed the foregoing under authority of said company to do so; that I have read the same, know the contents thereof, and the matters set forth therein are as I truly believe.

By

Subscribed and sworn to before me this _____ day of , , at _____.

Notary Public in and for _____
My Commission Expires

ASDF Form 102

RELEASE ON CONTRACT
ANCHORAGE SCHOOL DISTRICT

WHEREAS, by the terms of a contract dated_____entered into by the Anchorage School District,

and_____for the construction of_____

_____, it is provided that:
"Neither the final payment nor the remaining retained percentage shall become due until the Contractor shall provide the Owner (1) with a waiver and release of liens, on the forms provided by the Owner, executed by the Contractor..."

NOW THEREFORE, in consideration of the premises and the payment by the Anchorage School District to the undersigned Contractor of the amounts due under the contract and any changes or modifications thereto, to wit, the sum

of $_____Dollars,
(Numbers)
(In Words)
the undersigned Contractor hereby releases and forever discharges the Anchorage School District including its property, particularly that real property known as:
_____ of the Anchorage School District, of and from all manner of debts, dues and sum or sums of money, accounts, claims, and demands whatsoever, in Law and in equity, under or by virtue of said contract, and warrants good title to all material, supplies and equipment installed or incorporated in the project and all work delivered to the premises, together with all improvements and appurtenances constructed thereon by:

_____to the Anchorage School District free of any claims, liens or encumbrances. Neither the undersigned nor any person, firm or corporation furnishing material or labor for any work covered by this Contract has any right to a lien upon the premises nor improvement thereon, except:
_____.

IN WITNESS WHEREOF, the signature of the undersigned Contractor has been hereunto set this

_____day of _____, 20_, at _____, Alaska.

Signature: _____

Printed Name: _____

I, _____, being first duly sworn, say that I am the agent for and executed the foregoing under authority of said company to do so; that I have read the same, know the contents thereof, and the matters set forth therein are as I truly believe.

Signature: _____

Subscribed and sworn to before me this _____day of _____, 20_, at _____, Alaska.

Notary Public in and for _____

My Commission Expires: _____.

ASD Form 103

CONSENT OF SURETY COMPANY
TO FINAL PAYMENT

PROJECT:_____ **PROJECT NUMBER:**_____

TO: Anchorage School District **CONTRACT DATE:**_____

CONTRACTOR:_____

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above:

_____
(Surety Company)

on bond of

_____
(Contractor)

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety Company of any of its obligations to **Anchorage School District, Owner** as set forth in said Surety Company's bond. Surety expressly agrees that any and all valid claims of sub-Contractors and all persons supplying labor or materials to the project will be satisfied by Contractor or Surety in a timely manner

IN WITNESS WHEREOF, the Surety Company has hereunto set its hand this

day of _____, 20_.

_____
Name of Surety Company

Attest

_____
Signature of Authorized Representative

_____
Title

ASD 104

CONSENT OF SURETY TO REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE
ANCHORAGE SCHOOL DISTRICT

PROJECT: **PROJECT NUMBER:**

TO: Anchorage School District **CONTRACT DATE:**

CONTRACTOR:

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the:

_____ (Surety Company)

on bond of

_____ (Contractor)

HEREBY APPROVES OF THE REDUCTION IN OR PARTIAL RELEASE OF RETAINAGE to the Contractor as follows:

The surety agrees that such reduction in or partial release of retainage to the Contractor shall not relieve the Surety of any of its obligations to **ANCHORAGE SCHOOL DISTRICT, OWNER**

IN WITNESS WHEREOF, the Surety Company has hereunto set its hand this

day of .

_____
Name of Surety Company

Attest

_____
Signature of Authorized Representative

_____
Title

ASDF Form 105

CERTIFICATE OF COMPLIANCE

No final payment shall be made until the Contractor shall file with the Owner, prior to acceptance of the work, a notarized Certification of Compliance in the following form:

****

The Contractor does hereby certify that all work has been performed and materials supplied in accordance with the Drawings, Specifications and Contract Documents for the above work, and that:

No less than the prevailing rates of wages as ascertained by the governing body of the Contracting Agency has been paid to laborers, workmen and mechanics employed on this work;

There have been no unauthorized substitutions of Subcontractors; nor have any subcontracts been entered into without prior notice having been submitted to the Owner prior to the start of such subcontracted work;

No subcontract was assigned or transferred or performed by any Subcontractor other than the original Subcontractor, without prior notice having been submitted to the Owner together with the names of all Subcontractors;

All claims for material and labor and other paid service performed in connection with these specifications have been paid;

All monies due the State Industrial Accident Fund, the State Unemployment Compensation Trust Fund, the State Tax Commission, Hospital Associations and/or others have been paid.

In WITNESS WHEREOF, the undersigned has signed and sealed this instrument this

_____ day of _____, 20__.

_____
(Firm Name)

_____
(Signature)

_____
(Title)

(Attest)

(SEAL IF BIDDER IS A CORPORATION)

As determined necessary, evidence of compliance may be required to be submitted with and made a part of this Certificate of Compliance.

WARRANTY OF WORK

Prior to Final Payment, the Contractor shall furnish to the Owner a Warranty of Work in the following form:

****

The Contractor does hereby warrant all work and materials to be in full and complete accordance with the Contract Documents and Agreement between Owner and Contractor, and requirements appertaining thereto; that all work and materials are free from any and all defects and imperfections, and fully suitable for the use and purposes for which each and every part is intended. The Contractor also agrees that, should any defect develop or appear which the Project Manager or Owner's Representative finds was Not caused by improper use, the Contractor shall promptly, upon demand, fully correct, substitute and make good any such defective material without any cost to the Owner and will save the Owner harmless against any claim, demand, loss or damage by reason of any breach of this warranty.

The period of this warranty shall commence on the date of Substantial Completion.

The warranty shall continue to be in full force and effect for the period of one (1) year, except for those items for which a longer period of warranty is specifically stated in the Warranties for work in Technical Sections of the Specifications.

Warranties for work stated in Technical Section shall continue in full force and effect for the respective periods expressly stated.

In WITNESS WHERE, the undersigned has signed and sealed this instrument this

_____ day of _____, 20___.

(Firm Name) _____

(Signature) _____

(Title _____

(Attest) _____

(SEAL IF BIDDER IS A CORPORATION)

AHERA Exclusion Document

Contractor's Verification of Asbestos-Free Construction

Project: _____ **Project Number:** _____

Contractor: _____ **Date:** _____

To: Anchorage School District
Facilities Coordinator,
AHERA LEA Designated Person

To the best of our knowledge, no asbestos-containing building materials were installed in this project.

Attest: _____
Signature of Authorized Representative

_____
Title

Department of Labor and Workforce Development
Labor Standards and Safety Division
Wage and Hour Administration
www.labor.state.ak.us/lss/lss.htm

NOTICE OF COMPLETION OF PUBLIC WORKS

Additional Filing Fee May Be Required

- This form must be typed or printed in ink.
- Fill in all blanks or form will be returned for correction (see back).
- Please allow a minimum of 30 working days for processing.

ENTER YOUR FAX # _____
AND LIST YOUR MAILING ADDRESS BELOW

Contractor, company or agency name, address, city, state & ZIP + 4

_____
Primary contractor (has contract with the public agency)

Project Name		Contract #
Contract awarding agency		
Address		
City	State	ZIP + 4
Contract awarding agency contact person		Phone #
Location and city where work was performed		
DOLWD Project #		
Project Completion Date	/ /	

IF YOU HAVE ALREADY PAID $5,000 IN FEES FOR THIS PROJECT, OR IF YOU PREVIOUSLY PAID ALL FEES DUE AND DID NOT HAVE ANY INCREASES IN CONTRACT AMOUNTS ENTER "NONE" AND, SKIP TO CERTIFICATION. OTHERWISE, DESCRIBE ADDITIONAL WORK.

Description of additional contract/subcontract work performed	Name of contractor who performed this work	Amount of subcontract

CERTIFICATION: I hereby certify that the above information is correct. Enclosed is the additional filing fee computed at 1% of the total amount of all new contracts on this project, including the contract price of new work performed by the primary contractor not previously reported on the Notice of Work, up to a maximum of $5,000. I also certify that all contractors who worked on this project complied with prevailing wage requirements as described in AS 36.05.010- .110 and AS 36.10.007- .990.

Total value of additional subcontracts	$
Additional value of work performed by primary contractor +	$
Amount subject to fee	$
	Multiply by .01
Supplemental fee enclosed =	$
ROUND FEES TO NEAREST DOLLAR	

Signature	Date
Title	
Fax #	Phone #

For Dept. Use Only

T-36 Clearance Approved

By_____
Department of Labor and Workforce Development

For Dept. Use Only

Amount: _____ Check Number: _____ Cash ___
Received By: _____ Date: _____
Credit Card Confirmation _____
Visa ___ MC____
Project Name_____
DOLWD Project #

Wage & Hour date-stamped copy of this form will serve as temporary receipt.

D:\ie-temp\Temporary Internet Files\OLKF4\noticecompletionpublicworks.doc (6/27/03)

How to expedite the processing of your form:

ERRORS THAT CAUSE REJECTION

No fee included or incorrect amount. If total contract amount is less than $25,000 no filing fee is required. Contract amounts paid to owner/operators with no employees are exempt from the fee. **The maximum total filing fee for any one project is $5,000.00.**

Missing - Value of work performed by primary contractor.

Missing – The name of each **NEW** subcontractor and the amount of the contract OR the name of existing subcontractors and the amount of any **NEW** work not previously reported on the Notice of Work.

Missing – Notice of Completion of Public Works must be signed by an authorized representative.

FILING INSTRUCTIONS

Additional fees are required for any increase in contract value, unless the maximum fee ($5,000) has been paid.

If there is not enough space to list all required information on one form, use additional sheets. Please indicate at the top of each sheet "Page 1 of 2", "Page 2 of 2", etc. No other attachments will be accepted.

A Wage and Hour Administration (WH) date-stamped copy of this form will serve as a temporary receipt, while the acceptance of fees is processed. WH will mail or fax the approved copy of this form to the organization provided on the front of this form. Make a copy for your records. This will serve as your notice that the fees paid have been accepted by WH.

For questions call the nearest WH office:
Juneau: (907) 465-4842 Anchorage: (907) 269-4900 Fairbanks: (907) 451-2886

For more forms, see www.labor.state.ak.us/lss/lssforms.htm

Submit the notice and the appropriate filing fee to:

Alaska Department of Labor and Workforce Development
Wage and Hour Administration
3301 Eagle Street, Ste. 301
Anchorage, AK 99503-4149

If no fee is required, you may fax the notice to (907) 269-4915

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Alaska Department of Revenue
TAX CLEARANCE REQUEST FORM

Applicant's Name: _____

EIN&SSN: _____

Mailing Address: _____

City/State/Zip Code: _____

I hereby authorize the Alaska Department of Revenue to release to

_____
(Name of Department or Agency)

Departments Statute on tax clearance: _____

whose facsimile number or email address is _____,

confirmation that all taxes, penalties and interest due the Department of Revenue have been paid and that there are no outstanding amounts due.

Signed: _____

Printed Name: _____

Title*: _____

*If tax clearance is being requested on behalf of a corporation/LLC/partnership, must be signed by an officer/member/partner.

Send completed form by email to the Department of Revenue at DOR.tax.accounting@alaska.gov

DEPARTMENT USE ONLY

☐ *The above applicant is current on all taxes, penalties and interest due and is in good standing with the Alaska Department of Revenue.*

☐ *The above applicant is not current on all taxes, penalties and interest due and is not in good standing with the Alaska Department of Revenue.*

Department of Revenue Representative _____ *Date*

TaxClearanceRequestForm (Rev 2/21)

THE STATE of ALASKA
GOVERNOR MICHAEL J. DUNLEAVY

Department of Labor and Workforce Development

Division of Employment and Training Services
Employment Security Tax

P.O. Box 115509
Juneau, AK 99811-5509
Relay Alaska (in state): (800) 770-8973 or 7.1.1
Relay Alaska (out of state): (800) 770-8255
Toll free: (888) 448-2937
Phone: (907) 465-2787
Fax: (907) 465-2374

Tax Clearance Request Form for Contractors

Date of request: _____

Business name of the contractor a Tax Clearance is being requested for: _____

_____

Business address: _____

Business contact phone number: _____

Federal Identification Number: _____

Alaska Employer Account Number: _____

Specific time period a tax clearance is being requested for *(i.e. beginning and ending date of a subcontract agreement)*:

_____

Subcontract project name: _____

_____

Name and address of the person this Tax Clearance is to be returned to: _____

_____

Comments or additional information: _____

_____

For agency use only:

☐ Tax Clearance is granted

☐ Tax Clearance is not granted *(please have employer contact the department)*

☐ No account on file, liability unknown *(please have employer contact the department)*

☐ Employer has stated no employees, Tax Clearance not required.

Agency representative signature: _____ Date: _____

Agency representative title: _____

We are an equal opportunity employer/program. Auxiliary aids and services are available upon request to individuals with disabilities. labor.alaska.gov/estax

Rev. 8/2018

Project Title:_____ **Project Number:**_____

PROJECT CLOSEOUT CHECKLIST	Number Required	Number & Date Delivered
Inspection Documents		
Substantial Completion Inspection Documents	1	
Substantial Completion Punch List	1	
Final Inspection Documents	1	
Final Inspection Punch List	1	
Certificate of Substantial Completion (ASD Form 101)	1	
Contractor Submittals		
As-built drawings to Engineer of Record (Section 01700)	1	
All project record documents (Section 01720)	1	
Maintenance and Operations Manuals – Electronic version – OCR pdf (Section 01730)	1	
Warranty and Special Warranty Manuals (Section 01730)	4	
Certificate of Domestic Water Disinfection (Section 01700)	2	
Warranty of Work (Section 01750)	1	
Certificate of Compliance (Section 01750)	1	
Building Officials Certificate of Mechanical and Electrical Inspection	3	
Building Official's Certificate of Occupancy	3	
Building Official's Certificate of Completion	3	
AHERA Response Action Report (RAR)	1	
AHERA Exclusion Document (Section 00630)	1	
Return school keys to lock shop	1	
Lock Shop Release Form (signed)	1	

Project Title:_____ **Project Number:**_____

PROJECT CLOSEOUT CHECKLIST	Number Required	Number & Date Delivered
Contractor's Affidavit of Payment of Debts and Claims ASD Form102)	1	
Consent of Surety Company to Final Payment (ASD Form 104)	1	
Release on Contract (ASD Form 103)	1	
Consent of Surety to Reduction in/or Partial Release of Retainage (ASD Form 105)	1	
Engineered As-built drawings and special system drawings on reproducible CD's (not zipped)	1	
Engineered As-built drawings and special system drawings on bond/blacklines	2	
Spare Parts deliverables	1	
Copy of Warranty for all items with Extended Warranty	1	
Notice of Completion of Public Works (Section 00630) (Approved DOL Clearance Form)	1	
Dept. of Revenue Tax Clearance Form (Section 00630) (Approved DOR Tax Clearance Form)	1	
Dept. of Labor Tax Clearance Form (Section 00630) (Approved DOL Tax Clearance Form)	1	
Apprenticeship Program - Purchasing release for final payment (projects over $100,000)		
Final Application and Certificate for Payment (ASD Form 100A-C)	1	
Base Access Pass(s) returned to Visitor Control Center	NA	

_____ _____

Project Manager Signature Date

END OF SECTION

UTILITY LOCATION REQUIREMENTS

PART 1. GENERAL

1.01 DESCRIPTION

A. Upon receipt of written notification from any of public agencies or utilities that Contractor has caused damage to any facility, equipment or installation of agency, and Contractor failed to request a utility locate service from said utility at least two (2) normal business days prior to damage, or if locate services was properly requested, that damage was not approximately caused by error in locate service, Owner will withhold from forthcoming or accrued Contract payment, including advances, a sum sufficient to protect agency or utility from loss. Public agencies or utilities that provide notice of facility damage under this paragraph are:

Anchorage Water and Wastewater Utility
Alaska Communications Systems
Alaska Fiber Star
Alaska Native Medical Center
Alaska Railroad Corporation
Alyeska Cable / TelAlaska
Anchorage School District
Aircraft Service International Group
AT&T Alascom
Chugach Electric Association, Inc.
Department of Transportation Street Lights, State of Alaska
Enstar Natural Gas Company
Flint Hills Resources/Williams Alaska Pipeline
GCI Cable
Matanuska Electric Association
Matanuska Telephone Association
Municipality of Anchorage/Department of Public Works
Municipal Light & Power Utility
Tesoro Alaska Inc.

B. Upon receipt of release of claim by notifying utility or upon judgment of a court having jurisdiction in matter and having established that Contractor is liable for a lesser amount or is not liable for damage, Owner will release excess funds to Contractor. Funds withheld pursuant to this provision shall not bear interest. Upon receipt of satisfactory evidence against Contractor in court of competent jurisdiction within sixty (60) days after discovery of damage, Owner shall release funds withheld pursuant to this provision.

1.02 PROTECTION OF UTILITIES

A. Any pipes or other utilities encountered in excavation shall be shored up and cared for by Contractor as to leave them in a proper working condition until such times as Owner determines what shall be done with them.

B. Any utilities mislocated or inadequately located by appropriate utility company which are damaged by Contractor shall not constitute reimbursement or time extensions to Contractor from Owner for repair(s) of work that Contractor performs.

C. Contractor shall coordinate his work to cooperate with original utility service installed.

PART 2. PRODUCTS (NOT USED)

PART 3. EXECUTION (NOT USED)

END OF SECTION

DEMOLITION

PART 1. GENERAL

1.01 DESCRIPTION OF WORK

A. The extent of building demolition work is shown on drawings.

1.02 RELATED REQUIREMENTS

A. Section 01010: Summary of Work.

B. Section 01045: Cutting and Patching (where required).

C. Section 01120: Alteration Procedures (where required).

1.03 SUBMITTALS

A. Submit proposed methods and operations of demolition for review prior to start of work. Include in schedule coordination for shut-off and continuation of utility services as required.

1.04 JOB CONDITIONS

A. Occupancy: Areas to be demolished are or will be vacated and discontinued in use prior to start of work. However, where applicable other parts of the building project may remain occupied, requiring contractor to conduct demolition to minimize interference with adjacent areas. Maintain protected egress and access at all times.

B. Conditions of Structures: The Owner assumes no responsibility for actual condition of structures to be demolished.

C. Conditions existing at the time of inspection for bidding purposes will be maintained by Owner insofar as practicable. However, variations may occur by removal and salvage operations by Owner prior to the start of the demolition work.

D. Traffic: Conduct demolition operations and removal of debris to ensure minimum interference with adjacent occupied or used facilities.

E. Protections: Ensure safe passage of persons around area of demolition. Conduct operations to prevent injury to adjacent structures to prevent excess dust and debris from entering occupied areas.

F. Damages: Promptly repair damages caused to adjacent facilities by demolition operations at no cost to the Owner.

G. Utility Services: Maintain existing utilities which must remain operational and protect them against damage during demolition operations.

PART 2. PRODUCTS

2.01 SALVABLE MATERIALS

A. Where the documents indicate a reuse of existing materials or equipment, the Contractor

may furnish similar and equal new materials or equipment at his option.

B. Items to be reused shall be removed, stored, and protected until reuse. Care shall be taken to prevent excessive damage to salvable materials. Items to be reused are shown on the drawings.

C. Items of salvable value to be removed and not noted to remain the property of the Owner will belong to Contractor, with salvage value of substantial items to be reflected in proposal.

D. Reuse items may be stored on site in locations as directed by Owner.

PART 3. EXECUTION

3.01 PREPARATION

A. Pollution Controls: Use temporary enclosures and other suitable methods to limit dust and dirt rising and scattering in air.

B. Where applicable erect and maintain weatherproof closures for exterior openings.

C. Protect existing items which are not indicated to be altered, and promptly repair damage caused by demolition operation.

D. Disconnect, remove, and cap designated utility services. Identify and indicate capping locations on Project Record Documents.

3.02 PERFORMANCE

A. Demolish in an orderly and careful manner. Where applicable protect existing supporting structural members and adjacent areas not affected by this work.

B. If applicable voids in concrete floors, caused by demolition, shall be completely filled with grout, similar and equal to "Thoropatch" leaving a smooth and even surface.

C. Immediately remove demolished materials from site.

D. Materials for salvage may not be sold on the site.

E. Do not burn or bury materials on site.

F. Clean adjacent structures and improvements of dust, dirt, and debris caused by demolition operations, as directed. Return adjacent areas to condition existing prior to the start of work.

END OF SECTION

METAL FABRICATIONS

PART 1. GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

A. This Section included the following:

1. Gates - Custom
2. Fences – Custom (Posts)
3. Miscellaneous steel fabrication

B. Products furnished, but not installed, under this Section include the following:

1. Anchor bolts or sleeving for installation of fabrications to concrete.

C. Related Sections include the following:

1. Section 11 68 00 Playground Equipment
2. Section 32 18 00 Playground Protective Surfacing
3. Section 32 33 00 Site Furnishings
4. Earthwork Div 20 - Municipality of Anchorage Standard Specifications (MASS)
5. Portland Cement Concrete Div 30 - Municipality of Anchorage Standard Specifications (MASS)

1.03 SUBMITTALS

A. Shop Drawings: Show fabrication and installation details for metal fabrications.

1. Include plans, elevations, sections, and details of metal fabrications and their connections. Show anchorage and accessory items.

B. Provide templates for anchors and bolts specified for installation under other Sections.

C. Samples for Verification:

1. 1/3 minimum size samples of cut artwork (one of each distinct panel) for landscape architect to review and potentially provide updated artwork to resolve (including but not limit to) sufficient tabs/stenciling for rigidity and potential for finger entrapments within patterns). Sample material to be stainless steel, minimum of 1/8” thickness, with finish per drawings.

1.04 QUALITY ASSURANCE

A. Fabricator Qualifications: A firm experienced in producing metal fabrications similar to those required for this Project and with a record of successful in-service performance, as well as sufficient production capacity to produce required unit

B. Welding: Qualify procedures and personnel according to the following:

1. AWS D1.1, "Structural Welding Code - Steel."
2. AWS D1.6, "Structural Welding Code - Stainless Steel."

1.05 COORDINATION

A. Coordinate installation of anchorages for metal fabrications. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves and anchor bolts. Deliver such items to Project site in time for installation.

PART 2. PRODUCTS

2.01 METALS, GENERAL

A. Metal Surfaces, General: Provide materials with smooth, flat surfaces, unless otherwise indicated. For metal fabrications exposed to view in the completed Work, provide materials with smooth, flat surfaces without blemishes. Do not use materials with exposed pitting, seam marks, roller marks, rolled trade names, or roughness.

B. Steel and stainless steel shall be detailed in accordance with standard industry practice and suitable for the use intended.

C. Fasteners and connectors used together should be of the same type. Do not mix dissimilar metals

2.02 FERROUS METALS

A. Stainless Steel Plates, Shapes, and Bars: ASTM A240, Grade 304.

2.03 COATINGS

A. Galvanizing: Hot dipped galvanized or G60 coating as required

2.04 FASTENERS

A. General: Unless otherwise indicated, provide Type 304 stainless-steel fasteners for exterior use. Provide stainless-steel fasteners for fastening aluminum. Select fasteners for type, grade, and class required.

B. Stainless-Steel Bolts and Nuts: Regular hexagon-head annealed stainless-steel bolts, nuts and, where indicated, flat washers; ASTM F 593 for bolts and ASTM F 594 for nuts, Alloy Group 1

C. Expansion Anchors: Anchor bolt and sleeve assembly with capability to sustain, without failure, a load equal to six times the load imposed when installed in unit masonry and four times the load imposed when installed in concrete, as determined by testing according to ASTM E 488, conducted by a qualified independent testing agency.

D. Material for Anchors in Exterior Locations: Alloy Group 1 stainless-steel bolts complying with ASTM F 593 and nuts complying with ASTM F 594.

2.05 MISCELLANEOUS MATERIALS

A. Welding Rods and Bare Electrodes: Select according to AWS specifications for metal alloy welded.

PART 3. EXECUTION

3.01 FABRICATION, GENERAL

A. Shop Assembly: Preassemble items in the shop to greatest extent possible. Disassemble units only as necessary for shipping and handling limitations. Use connections that maintain structural value of joined pieces. Clearly mark units for reassembly and coordinated installation.

B. Metal Components: Form to required shapes and sizes with true, consistent curves, lines, and angles. Separate metals from dissimilar materials to prevent electrolytic action.

C. Welded Connections: Weld connections continuously. Weld solid members with full-length, full-penetration welds and hollow members with full-circumference welds. At exposed connections, finish surfaces smooth and blended so no roughness or unevenness shows after finishing and welded surface matches contours of adjoining surfaces.

D. Pipes and Tubes: Form simple and compound curves by bending members in jigs to produce uniform curvature for each repetitive configuration required; maintain cylindrical cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of handrail and railing components.

E. Steel Components: Galvanized. Bare metal steel components are not permitted.

F. Exposed Surfaces: Polished, sanded, or otherwise finished; smooth all surfaces, free from burrs, barbs, splinters, and sharpness; all edges and ends rolled, rounded, or capped.

G. Cut, drill, and punch metals cleanly and accurately. Remove burrs and ease edges to a radius of approximately 1/32 inch, unless otherwise indicated. Remove sharp or rough areas on exposed surfaces.

H. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing work.

I. Form exposed work true to line and level with accurate angles and surfaces and straight edges.

J. Weld corners and seams continuously to comply with the following:

1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
2. Obtain fusion without undercut or overlap.
3. Remove welding flux immediately.
4. At exposed connections, finish exposed welds and surfaces smooth and blended so no roughness shows after finishing and contour of welded surface matches that of adjacent surface.

K. Fabricate seams and other connections that will be exposed to weather in a manner to exclude water. Provide weep holes where water may accumulate.

L. Cut, reinforce, drill, and tap metal fabrications as indicated to receive finish hardware, screws, and similar items.

M. Provide for anchorage of type indicated; coordinate with supporting structure. Space anchoring devices to secure metal fabrications rigidly in place and to support indicated loads.

3.02 MISCELLANEOUS FRAMING AND SUPPORTS

A. Fabricate units from shapes, plates, and bars of welded construction, unless otherwise indicated. Fabricate to sizes, shapes, and profiles indicated. Cut, drill, and tap units to receive hardware, hangers, and similar items.

1. Furnish fasteners if units are installed after concrete is placed.

3.03 FINISHES, GENERAL

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Appearance of Finished Work:

1. Gates: Noticeable variations in the same piece and between the two mirrored components are not acceptable.
2. Posts: Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

3.04 STAINLESS-STEEL FINISHES

A. Remove tool and die marks and stretch lines or blend into finish.

B. Sandblast fabrications.

3.05 INSTALLATION, GENERAL

A. Fastening to In-Place Construction: Provide anchorage devices and fasteners where metal fabrications are required to be fastened to in-place construction. Provide threaded fasteners for use with through bolts, wood screws, and other connectors. Provide expansion anchors.

3.06 CLEANING

A. After completing installation, inspect components. Remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace component.

END OF SECTION

PLAYGROUND EQUIPMENT

PART 1. GENERAL

1.01 GENERAL NOTES

A. The information provided within Specifications and within Drawings related to play equipment and play surfacing acts as a basis of design. Proposals shall be composed of complete play systems that:

1. Meet all code requirements,
2. Are fully functioning,
3. Are appropriate for age levels,
4. Provide for cognitive, social, emotional, and physical development and enjoyment, and
5. Otherwise meet the intent of being a valued playground with an equal to or better play capacity and types of equipment.

B. The intent is that the playground follows the intent of universal design. This includes a high level of accessibility, with play at or close to grade, transfer stations, and full use of play tiles for complete ground-level accessibility. It also focuses on physical, emotional, social, and cognitive development and enjoyment.

C. The contractor is responsible for the delegated design of all play area footing systems. Manufacturer's recommendations are generic and focus on the structural connections to footings with minimum footing designs based on warm-climate typical designs. The contractor is responsible for developing footing systems (footing design coordinated with existing or imported soils) that are stable for the expected frost conditions. This includes coordination with the manufacturer for any fabrication modifications to connect play equipment to the footing systems. This delegated design may include, but is not limited to, such considerations as surface or embedded equipment attachment to footings; vertical concrete, pile, or helical footings; horizontal footings; non-frost susceptible fill materials; insulation; and frost bond breaking. Systems shall be based on a 20-year time frame to remain level and plumb, with no movement compromising equipment structural integrity or use.

1. Surface or embedded equipment attachment to footings,
2. Vertical footing coordination for potential footing types of concrete, straight pile, or helical piles,
3. Horizontal footing coordination;
4. Earthwork and fill sections for classified fill materials.

1.02 RELATED DOCUMENTS

A. Drawings.

B. Refer to Specification Divisions 0 and 1 for project general requirements.

1.03 SUMMARY

A. This Section includes the following:

1. Play Equipment – Relocated (Base Bid)
2. Play Equipment – Refurbished (Base Bid)
3. Play Equipment – New (Base Bid)
4. Playground Signs – (Base Bid)

5. Play Equipment – New (Additive Alternate #1)

B. Related Sections include the following:

1. Section 32 18 00– Playground Protective Surfacing
2. Section 32 33 00 – Site Furnishings
3. Earthwork Div 20 - Municipality of Anchorage Standard Specifications (MASS)
4. Portland Cement Concrete Div 30 - Municipality of Anchorage Standard Specifications (MASS)

1.04 REFERENCES

A. ASTM Standards (latest versions)

1. F355 Standard Test Method for Impact Attenuation of Playing Surface Systems, Other Protective Sport Systems, and Materials Used for Athletics, Recreation and Play
2. F1292 Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment.
3. F1951 Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment.
4. F2049 Standard Safety Performance Specification for Fences/Barriers for Public, Commercial, and Multi-Family Residential Use Outdoor Play Areas.
5. F2088 Standard Consumer Safety Specification for Infant and Cradle Swings
6. F2223 Standard Guide for ASTM Standards on Playground Surfacing.
7. F2479 Standard Guide for Specification, Purchase, Installation and Maintenance of Poured-In-Place Playground Surfacing.
8. F3012 Standard Specification for Loose-Fill Rubber for Use as a Playground Safety Surface under and around Playground Equipment

B. CPSC Handbook for Public Playground Safety (Publication No. 325) (Latest Version).

C. Guide to ADA Accessibility Guidelines for Play Areas (Latest Version).

1.05 DEFINITIONS

A. ADA: The Americans with Disabilities Act

B. ASTM: American Society for Testing and Materials

C. Basis of Design: The basis of design establishes the minimum desired project outcome. This establishes the minimum criteria that a Contractor needs to meet or exceed should they choose to request substitutions.

D. Composite Play Structure – An item of playground equipment that is composed of several components linked together to form one complex unit.

E. CPSC: Consumer Product Safety Commission

F. CPSI: Certified Playground Safety Inspector

G. Equipment Component: An individual part or element of a larger composite play structure.

H. Fall Height: The vertical distance between the highest designated play surface on a piece of equipment and the protective surfacing beneath it.

I. Footing: The means of anchoring playground equipment to and within the ground.

J. Full Complete Play System: All materials and installation to achieve a full and functioning play area that meets all relevant play standards and meets or exceeds project intent, and where relevant, basis of design.

K. IPEMA: International Play Equipment Manufacturers Association

L. Preschool-Age Children: Children 2 years of age through 5 years of age.

M. School-Age Children: Children 5 years of age through 12 years of age.

N. Use Zone: The surface under and around a piece of equipment onto which a child falling from or exiting from the equipment would be expected to land. ‘These areas are also designated for unrestricted circulation around the equipment.

1.06 SUBMITTALS

A. Submit manufacturer’s information for Owner’s Representative approval for all products, including but not limited to:

1. Equipment renderings including application of project color design.
2. Standard range of color samples for color finalization.
3. Installation details.
4. Warranty.

B. Submit delegated design for play area footing systems.

1. Footing Systems: Submit details and supporting documentation for the installation of footing systems, including specific connections to play equipment.

C. Installation Verification:

1. Submit a playground installation plan with information including, but not limited to, materials, installation methods, thickness of lifts, compaction methods, details of all footing types, and testing schedule and methods. The intent is to ensure documentation and verification of installations.

D. Submit statement certifying manufacturer’s compliance with ASTM F1487-01, Standard Consumer Safety Performance Specifications for Playground Equipment for Public Use, and compliance with the Guide to ADA Accessibility Guidelines for play areas.

E. Submit certified National Playground Safety Inspector’s information and qualifications. After installation completed, conduct safety inspection by certified safety inspector and provide verification that installation meets ASTM, F 1487-01 Standards, and Guide to ADA Accessibility Guidelines.

F. Contractor Recommendations: The Contractor is invited to make recommendations that will provide value to the project, increase play value, and provide long-term durability. Please coordinate with the Landscape Architect for the submittal of recommendations. While methods and means are not prescriptive, the Contractor may request discussion/review where it is felt that methods and means are materially related to the

success of the project. The intent of this specification item is to provide project value through meaningful interaction between the Contractor, the Client, and the Client team.

G. Installation Schedule:

1. Submit an installation schedule including, but not limited to:

a. Pre-Construction Conference
b. Base installation
c. Edging installation
d. Concrete pad installation
e. Equipment installation
f. Surfacing installation
g. Meetings
h. Inspection times

1.07 SUBSTITUTIONS

A. Should the Contractor wish to substitute different play equipment than that outlined in the Drawings and Specifications, they shall submit the following for review.

1. Certification that all equipment and surfacing meets current CPSC Guidelines, ASTM Standards, and IPEMA Standards.
2. For equipment where clamp-based attachment of equipment to posts is shown within the basis of design, clamp-based attachment is a requirement for all substitution requests.
3. Standard range of color samples
4. Installation details
5. Warranty.
6. Playground structure plan and 3D rendering detailing play components, material types, colors and dimensions.
7. A site plan, which details the placement of the play apparatus in relationship to other improvements on site, and provides details of the redesign of all items impacted by this substitution, including, but not limited to:

a. Footing Plan and details
b. Elevation (height/depth) of base course and playground edging
c. Thickness of protective surfacing

8. Landscape Architect will coordinate with the playground manufacturer's representative to refine equipment selection, layout, and color scheme to ensure equivalent client value.
9. Footing Coordination Plan: Submit plans, details and supporting documentation for the installation of footing systems, including specific connections to play equipment.
10. Contractor statement that all cost impacts for the substitution and subsequent revisions to the plan and details shall be the responsibility of the Contractor.

B. If a substitution is proposed, Contractor shall provide a play structure with equivalent number of play events or more and will be of same value or higher at no extra cost to the Owner or project.

1.08 DELIVERY, STORAGE, AND DISPOSAL

A. Delivery: Deliver materials to the site in the manufacturer's original, unopened containers and packaging, with labels clearly identifying the product name and manufacturer.

B. Storage: Store materials in accordance with the manufacturer's instructions.

C. Handling: Protect materials during handling and installation to prevent damage.

1.09 QUALITY ASSURANCE

A. Installer Qualification: The installer must be certified by the manufacturer for training and experience installing play equipment in Alaska, and hold current Certified Playground Safety Inspector (CPSI) certification. Installer must have successfully installed a minimum 5 playgrounds of similar scope in the last 10 years. Provide at least three references, including playground name, location, year installed, and Owner contact information. Submit the installer's company name and address, and any training and experience certification.

B. Manufacturer's Representative: The manufacturer's certified playground safety inspector or the manufacturer's designated certified playground representative must supervise the installation and adjustment of the play components and equipment to verify the installation meets the requirements of the manufacturer, and specifications and drawings. Submit the individual's name, company name and address, and playground safety training certificate.

PART 2. PRODUCTS

2.01 MANUFACTURERS

A. The basis of design for this project is sourced through Playworld Play Systems with Playcraft Systems. Acceptable Manufacturers for playground and field equipment include (but are not limited to):

1. Playworld Play Systems:

a. Manufacturer representative: Heather Plucinski. heather@nwplayground.com Northwest Playground Equipment, Inc., PO Box 2410, Issaquah, WA 98027. www.nwplayground.com. Main Office: (800) 726-0031. Alaska Office (Cell): (907) 802-0188

2. Landscape Structures:

a. Manufacturer representative: Karl Croft. karl@exerplay.com Exerplay. PO Box 1160, Cedar Crest, NM 87008 www.exerplay.com. Main Office: (800) 457.5444. Alaska Office (Cell): (907) 748.3736

3. Playcraft Systems

a. Manufacturer representative: Margaret Miller. Margaret.Miller@playcraftsystems.com Playcraft systems. 123 North Valley Drive, Grants Pass, OR 97526. www.playcraftsystems.com Main Office: 541-955-9199 ext. 60936. Direct: 541-507-1455

2.02 REUSE OF EXISTING EQUIPMENT

A. Contractor shall have a CPSI determine whether it is appropriate to reuse equipment based upon current CPSC Guidelines and ASTM sections.

2.03 MATERIAL SPECIFICATIONS

A. Playground Equipment – Relocated (Base Bid)

1. General:
    a. Shall consist of the removal of existing structures, refurbishing, and reinstallation.
    b. Hardware and component pieces shall be inspected and refurbished or replaced to bring them to new condition.
    c. It is at the Contractor's discretion to substitute new equipment of equal or higher quality in place of refurbishing. New equipment must provide equal number or greater of play activities, be designed for the same user age range, and fit within fall zones as indicated within the Drawings. Substitutions submitted for approval shall be made per this specification.
2. Play Equipment W#3 (Spring bouncer):
    a. Manufacturer: Playcraft
    b. Model: Unknown
    c. Colors: Per Existing
    d. Attachment: Direct embed

B. Play Equipment – Refurbished
1. Roller Tables: Disassemble as needed to remove debris. Clean components prior to reassembly.
2. Hourglass Insert: Disassemble as needed to install marbles. Clean components prior to reassembly.
3. Labyrinth Panel: Disassemble as needed to replace the broken window. Clean components prior to reassembly.
4. Telescope Lens: Disassemble as needed to replace damaged window. Clean components prior to reassembly.
5. Matrix Rope Net: Remove and dispose as needed to replace with new.
6. Chain New Wall: Remove and dispose as needed to replace with new.
7. Track Rice Trolley: Remove and dispose as needed to replace with new.
8. 5-12 Age-Appropriate Stickers: Install per manufacturer's recommendations.

C. Playground Equipment – New (Base Bid)
1. Play Equipment (Ages 5-12 Play Area)
    a. Unity Dome:
        1) Manufacturer: Playworld
        2) Components:
            a) Unity Dome Sensory Panels
        3) Colors: See exhibit for color scheme
        4) Attachment: Direct Embed
    b. Roller Slide (Embankment Slide)
        1) Manufacturer: Playworld
        2) Product: Playmakers PM6862 Roller Slide
        3) Colors: Submit standard color options for approval
        4) Attachment: Direct Embed
    c. Hillside Rope Climber
        1) Manufacturer: Playworld
        2) Product: Custom Design by manufacturer
        3) Colors: Submit standard color options for approval
        4) Attachment: Direct Embed

d. Thunder Climber

1) Manufacturer: Playcraft
2) Model: Thunder Climber
3) Colors: See exhibit for color scheme
4) Attachment: Direct Embed

e. Ramp

1) Manufacturer: Playworld
2) Model: Ramp (R5)
3) Colors: See exhibit for color scheme
4) Attachment: Attach to existing play structure per Manufacturer's Recommendations. Attach to the upper walkway using a Ramp Transition Plate, as per the manufacturer's recommendations.

2. Play Equipment (Ages 5-12 Swing Area)

a. Swings (Ages 5-12):

1) Manufacturer: Playworld

a) Model: Arch Swing Set

2) Components:

a) Arch Swing Set
b) Arch Swing Add-A-Bay
c) Accessible Swing Seat – 8ft Top Rail
d) Arch Swing – Hoopla Swing
e) Belt Swing
f) Colors: See exhibit for color scheme
g) Attachment: Surface Mount or Direct Embed

3. Play Equipment (Ages 2-5 Play Area)

a. Composite Structure:

1) Manufacturer: Playworld
2) Model: Custom Composite Structure
3) Components:

a) Approach Step
b) Twist and Shout Slide
c) 90 Degree Glide Slide
d) Climbing Squares Block Climber
e) Ribbon Climber
f) Transfer Station w/ Barriers
g) Coat Deck Assembly
h) Balcony
i) Anywhere Seat
j) Telescope Pipe Wall Mount
k) Steering Wheel
l) Ripple Bridge
m) Post Mount Bell
n) Accessible Stepped Platform
o) Steep Post w/ Cap

4) Colors: See exhibit for color scheme (Will be provided for 100%)
5) Attachment: Surface Mount

b. Quattro Seasaw:

1) Manufacturer: Playworld
2) Colors: See exhibit for color scheme (Will be provided for 100%)
3) Attachment: Surface Mount

c. Cozy Cocoon

1) Manufacturer: Playworld
2) Colors: See exhibit for color scheme (Will be provided for 100%)
3) Attachment: Surface Mount

d. Swings (2-5):

1) Manufacturer: Playworld

a) Model: Arch Swing Set

2) Components:

a) Arch Swing Set
b) Arch Swing Add-A-Bay
c) Accessible Swing Seat – 6ft Top Rail
d) Arch Swing – Hoopla Swing
e) Belt Swing
f) Colors: See exhibit for color scheme (Will be provided for 100%)

3) Attachment: Surface Mount or Direct Embed

e. Communication Board

1) Manufacturer: Playworld
2) Colors: See exhibit for color scheme (Will be provided for 100%)
3) Attachment: Surface Mount

D. Play Equipment – Refurbished

a. Shall consist of removing and disposing of components identified on the plans and replacing with new.
b. Shall consist of removing, refurbishing, and reinstalling components identified on the plans.
c. Refurbishing shall include necessary preparation and coating to restore the original quality of finish. If appropriate, available colors shall be submitted to the Owner's Representative for selection. Hardware and component pieces shall be inspected and refurbished or replaced to bring them to new condition.
d. It is at the Contractor's discretion to substitute equipment of equal or higher quality in place of refurbishing. Substitutions submitted for approval shall be made per this specification.

E. Playground Signs (Base Bid)

1. As provided as a standard product from the manufacturer
2. Color: TBD

F. Playground Equipment – New (Additive Alternate #1)

1. Play Equipment (Ages 5-12 Play Area)

a. Unity SpinR:

1) Manufacturer: Playworld
2) Colors: See exhibit for color scheme (Will be provided for 100%)

3) Attachment: Direct Embed

b. Moon Rock Climber

1) Manufacturer: Playworld
2) Colors: See exhibit for color scheme (Will be provided for 100%)
3) Attachment: Direct Embed

c. Cozy Cocoon

1) Manufacturer: Playworld
2) Colors: See exhibit for color scheme (Will be provided for 100%)
3) Attachment: Direct Embed

2.04 Playground Footing Systems

A. The Contractor is responsible for coordinating footing systems with equipment attachment to ensure structural needs are met and that the system will be stable without significant differential movement.

PART 3. EXECUTION

3.01 GENERAL

A. All equipment is to be installed per the manufacturer's recommendation and in accordance with local requirements and conditions, as shown on plans and as specified. Meet minimum ASTM F1487-01 and CPSC safety requirements and Guide to ADA Accessibility Guidelines.

3.02 PREPARATION

A. The Contractor shall inspect and inventory play equipment and hardware prior to accepting the materials from the manufacturer.

B. Stake equipment locations in accordance with approved layout drawings. It is the responsibility of the Contractor to maintain manufacturer-recommended minimum clearances for playground edges.

C. Inspect job conditions to ensure proper site preparation and that all inserts, anchorages, blocking and other items have been accurately placed to receive equipment.

D. Complete all preparations and make needed corrections prior to proceeding.

3.03 PLAY EQUIPMENT INSTALLATION

A. Install play equipment per manufacturer's specifications and approved submittals for play footing system delegated design. Units and components to be installed rigid, plumb, and true to lines and levels within 1/4 inch in 10 feet. All play equipment and legs shall be of sufficient length to provide footing beneath safety surfacing, as shown on Contract drawings and specified within Section 32 18 00 Playground Protective Surfacing.

B. Contractor shall maintain all manufacturer-recommended clearances for playground edges, play structures, and site furnishings.

C. The Contractor shall be responsible for all site preparation, hardware, components, parts, or any necessary materials for proper installation of play equipment.

3.04 INSPECTIONS AND REVIEWS

A. Base Course and Layout Review (footing and edging)

1. Contractor shall request Landscape Architect perform Base Course Review after layout of base course and playground edging is complete (but before concrete pads are placed as relevant). This inspection will include but is not limited to execution of MASS Earthwork and MASS Portland Cement Concrete.

a. This includes review of all footing types (including special footings if required)
b. Playground edging heights (confirm for height/depth of protective surfacing)

B. Intermediate Equipment Layout Review

1. Contractor shall request Landscape Architect perform Intermediate Equipment Layout Review and Equipment Layout Review after half (50%) of playground equipment is installed.

a. Review of equipment layout
b. Confirm correct offsets for use zones
c. Confirm proper attachment to base course and coordination with protective surfacing height/depth

C. Pre-Playground Surfacing Review

1. Contractor shall request Landscape Architect perform Pre-Playground Surfacing Review after the installation all playground is complete.

a. Review of equipment layout
b. Confirm correct offsets for use zones
c. Confirm proper attachment to base course and coordination with protective surfacing height/depth

D. Intermediate Surfacing Installation Review

1. See Section 32 18 00 – Playground Protective Surfacing

E. Substantial Completion Review

1. Upon completion of all equipment and protective surfacing installation, the Contractor shall notify the Landscape Architect in writing seven (7) days in advance of the requested Substantial Completion date.

F. Acceptance Review

1. Upon correction of project deficiencies identified during the Substantial Completion Review, the Contractor shall notify the Landscape Architect in writing seven (7) days in advance of the requested Acceptance Review date.

3.05 CLEANUP AND PROTECTION

A. During installation, keep adjacent areas and construction clean, and work area in an orderly condition.

END OF SECTION

PLAYGROUND PROTECTIVE SURFACING

PART 1. GENERAL

1.01 GENERAL NOTES

A. The information provided within Specifications and within Drawings related to play equipment and play surfacing acts as a basis of design. Proposals shall be composed of complete play systems that: meet all code requirements, are fully functioning, are appropriate for age levels, provide for cognitive and physical development and enjoyment, provide similar play activities, provide for the same or greater number of play events, provide the same or greater play capacity, and otherwise meet the intent of being valued school and neighborhood playgrounds.

1. Meet all code requirements,
2. Are fully functioning,
3. Are appropriate for age levels,
4. Provide for cognitive, social, emotional, and physical development and enjoyment, and
5. Otherwise meet the intent of being a valued playground with an equal to or better play capacity and types of equipment.

B. The intent is that the playground follows the intent of universal design. This includes a high level of accessibility, with play at or close to grade, transfer stations, and full use of play tiles for complete ground-level accessibility. It also focuses on physical, emotional, social, and cognitive development and enjoyment.

C. The contractor is responsible for the delegated design of all play area footing systems. Manufacturer's recommendations are generic and focus on the structural connections to footings with minimum footing designs based on warm-climate typical designs. The contractor is responsible for developing footing systems (footing design coordinated with existing or imported soils) that are stable for the expected frost conditions. This includes coordination with the manufacturer for any fabrication modifications to connect play equipment to the footing systems. This delegated design may include, but is not limited to, such considerations as surface or embedded equipment attachment to footings; vertical concrete, pile, or helical footings; horizontal footings; non-frost susceptible fill materials; insulation; and frost bond breaking. Systems shall be based on a 20-year time frame to remain level and plumb, with no movement compromising equipment structural integrity or use.

1. Surface or embedded equipment attachment to footings,
2. Vertical footing coordination for potential footing types of concrete, straight pile, or helical piles,
3. Horizontal footing coordination;
4. Earthwork and fill sections for classified fill materials, insulation board, and frost bond breaking.

1.02 RELATED DOCUMENTS

A. Drawings.

A. Refer to Specification Divisions 0 and 1 for project general requirements.

1.03 DESCRIPTION OF WORK

A. This Section includes the following:

1. Playground Safety Surfacing – Tiles (Base Bid)
2. Playground Safety Surfacing – Tiles (Additive Alternate #2)
3. Playground Safety Surfacing – Poured-in-Place (PIP) (Base Bid)
4. Playground Safety Surfacing – Poured-in-Place (PIP) (Additive Alternate #1)
5. Weather-related Tenting
6. Weather-related Heating

B. Related Work Specified Elsewhere:

1. Section 11 68 00 - Play Equipment
2. Earthwork Div 20 - Municipality of Anchorage Standard Specifications (MASS)
3. Portland Cement Concrete Div 30 - Municipality of Anchorage Standard Specifications (MASS)

1.04 DELIVERY, STORAGE, AND DISPOSAL

A. Delivery: Deliver materials to the site in the manufacturer’s original, unopened containers and packaging, with labels clearly identifying the product name and manufacturer.

A. Storage:

1. Store materials in accordance with the manufacturer's instructions.
2. Tiles and PIP:

a. Store in a dry area at a minimum temperature of 50 degrees F for a minimum of 72 hours before installation.
b. Protect tiles from direct sunlight before installation.

3. Adhesive: Store adhesive in a dry area at a minimum temperature of 50 degrees F.

B. Handling: Protect materials during handling and installation to prevent damage.

1.05 ENVIRONMENTAL REQUIREMENTS

A. Temperature

1. Temperature: Ensure the surface temperature of playground safety surfacing is a minimum of 50 degrees F at the time of installation.
2. Air Temperature: Ensure air temperature is a minimum of 50 degrees F for a minimum of 24 hours before and during installation.
3. Surfacing or Air Temperatures: Consult manufacturer's instructions for modified installation procedures when surfacing or air temperatures are above 85 degrees F.

B. WARRANTY

1. Materials and Workmanship: Playground safety surfacing shall be warranted for defects in materials and workmanship for the lifetime of the playground.
2. Performance: Surfacing shall be warranted to meet drop height performance requirements of ASTM F 1292 for the lifetime of the surfacing product.

1.06 SUBMITTALS

A. Should the contractor wish to substitute different play surfacing than that outlined in the Drawings and Specifications, they shall submit the following for review.

1. Certification that all surfacing meets current CPSC Guidelines, ASTM F1487-01 Standards, and Guide to ADA Accessibility Guidelines for play equipment, including fall zone distance.

2. Contractor statement that all cost impacts for the substitution and subsequent revisions to the plan and details shall be the responsibility of the Contractor.
3. Adapted play surfacing layout design.

B. Provide product certifications and samples of Safety Surfacing as described in this specification.

C. Provide samples of the manufacturer's range of available colors for selection where applicable.

D. Provide installation details and shop drawings, inclusive of dimensions for termination and edges around installed play equipment and product perimeter.

E. Contractor Recommendations: The Contractor is invited to make recommendations that will provide value to the project, increase play value, and provide long-term durability. Please coordinate with the Landscape Architect for the submittal of recommendations. While methods and means are not prescriptive, the Contractor may request discussion/review where it is felt that methods and means are materially related to the project's success. The intent of this specification item is to provide project value through meaningful interaction between the Contractor, the Client, and the Client team.

F. Test Reports: Submit certified test reports from a qualified independent testing agency indicating the results of the following tests:

1. Impact Attenuation: ASTM F 1292.
2. Freeze-Thaw: ASTM C 67.
3. Rubber Deterioration/Air Oven: ASTM D 573.
4. Slip Resistance: ASTM D 2047 and E 303.
5. Tensile Strength: ASTM D 412.
6. Elongation at Break: ASTM D 412.
7. Tear Strength: ASTM D 624.
8. Peak Load: ASTM D 624.
9. Density: ASTM D 3676.
10. Taber Abrasion: ASTM C 501.
11. Flammability: ASTM D 2859.

G. MOCKUPS

1. General: Submit work plans and shop drawings for all mock-ups for review and confirmation prior to initiation of work.
2. One minimum five foot by five foot section of both poured-in-place safety surfacing and tile safety surfacing shall be installed. The mock up is to be used to establish the quality of the finish, color(s), profile, and layout. Subsequent Work that does not match the approved mockup shall be replaced. The mock up can be incorporated into the Work provided it can be incorporated into the remaining Work without seams, breaks or other safety or visual deviations. Remove mock up if not approved and install new segment for mock up approval.

PART 2. PRODUCTS

2.01 MATERIAL SPECIFICATIONS

A. Safety surfacing shall be per the manufacturers and products below or an equivalent accepted through the substitution process. The basis of design for this project is sourced through Northwest Playground Equipment, Inc.

1. Representative: Heather Plucinski. heather@nwplayground.com Northwest Playground Equipment, Inc., PO Box 2410, Issaquah, WA 98027. www.nwplayground.com. Main Office: (800) 726-0031. Alaska Office (Cell): (907) 802-0188

B. Playground Safety Surfacing - Tiles

1. Manufacturer: SofSURFACES Rubber Tile Solutions
2. Series: DuraSAFE Rubber Playground Tiles, Premium 95% Color EPDM Skin Series Blends
3. Description: Resilient, playground safety surfacing tiles.
4. Compliance: Meet and exceed CPSC guidelines for impact attenuation.
5. Material: Compression-molded, recycled rubber, and binding agents.
6. Tile Locking: U-shaped male and female locking mechanism on all four sides of the tile to assist in achieving the required amount of compression, holding tiles in place as well as tile-to-tile adhesion.
7. Top Edges: Chamfered.
8. Tile Sides: Edge-cut (glue channel) system for maximum seam adhesion.
9. Tile Bottom: Hollow core stanchion pattern.
10. Wear Layer: Laminated EPDM Virgin rubber granules. Minimum 0.125 inches thick.
11. Manufactured Size: 24 3/8” X 24 3/8” +/- 1/8” Installed Size: 24.125” X 24.125”.
12. Thickness: Critical Fall Height of 8 Feet: 4.25 inches.
13. Minimum Weight Each Tile: 4.25-Inch Thickness (8’ Fall Height): 35.31 pounds.
14. Colors: As indicated on the Drawings

C. Playground Safety Surfacing – Poured-In-Place (PIP)

1. Manufacturer: No Fault Surfaces
2. Product: Poured-In-Place Rubber Surfacing
3. Compliance: Meet and exceed CPSC guidelines for impact attenuation.
4. Dual durometer poured in place system with a wearing layer upper membrane and an underlying impact attenuation cushion layer. The finished surface should be porous and capable of being installed at varying thickness to comply with the Critical Fall Height requirements of the playground equipment.
5. Primer to be a 100% solids urethane primer/sealer with low viscosity and penetrating abilities.
6. The cushion layer to be a mixture of black recycled SBR rubber buffings mixed with a 100% solids moisture cured MDI Polyurethane binder or aliphatic installed at the appropriate thickness. Chunk rubber shall not include SBR derived from rubber tires and is to be high quality pre-consumer recycled rubber containing EPDM. The cushion layer should be porous.
7. Wear surface should be manufactured from Thermoplastic Vulcanized (TPV) virgin colored rubber granules bonded by binder, 100% solids moisture cured Polyurethane binder or aliphatic and applied to a thickness of 1/2”over the cushion layer.
8. Colors: As indicated on the Drawings

D. Test Results:

1. Impact Attenuation, ASTM F 1292:
    a. G-Max Score: Less than 125.
    b. Head Injury Criteria (HIC) Score: Less than 700.
2. Freeze Thaw, ASTM C 67: No deterioration.
3. Rubber Deterioration/Air Oven, ASTM D 573: No deterioration.
4. Slip Resistance:

a. ASTM E 303:

1) Dry: 51 minimum.
2) Wet: 44 minimum.

b. ASTM D 2047: 0.601.

5. Tensile Strength, ASTM D 412: 0.636 Mpa.
6. Elongation at Break, ASTM D 412: 35.3%
7. Tear Strength, ASTM D 624: 2.4 kNm.
8. Flammability: Burning Pill, ASTM D 2859: Pass.
9. Density, ASTM D 3676: 859 kg/m3
10. Taber Abrasion, Wear index, ASTM C 501: 77

PART 3. EXECUTION

3.01 GENERAL

A. Play curb and concrete pad (as relevant) shall be placed in accordance with (but not limited to) MASS Earthwork and MASS Portland Cement Concrete.

B. Protect play equipment from use until all safety surfacing has been installed.

C. Install as per manufacturer’s specifications and recommendations

3.02 PREPARATION

A. Contractor shall ensure that play equipment attachments and footings are coordinated with project requirements, including (as relevant, but not limited to) being of sufficient length to provide proper embedment and structural support below play surfacing, sufficient depth, size, and reinforcement for special footing needs within concrete slabs, and having sufficient base plates for surface mounting.

B. Prior to installation, inspect site conditions to ensure that areas for the installation of play surfacing and synthetic lawn meet conditions as per the manufacturer’s specifications and recommendations.

C. Complete all preparations and make needed corrections prior to proceeding.

3.03 TILE INSTALLATION

A. Install playground safety surfacing tiles in accordance with the manufacturer's instructions at locations indicated on the Drawings.

B. Verify with safety surfacing manufacturer required depth of surfacing for installed play equipment and fall heights. Notify landscape architect of any discrepancies.

C. Ensure the prepared subsurface and tiles are dry and clean.

D. Layout tile surface in accordance with manufacturer's instructions and per Documents.

E. Apply adhesive in accordance with the manufacturer's instructions for tile-to-tile, tile-to-base for all keystone and strategic tile rows, and continuous within tile joints after installation.

F. Installation is to be completed by a factory-trained and certified installer.

3.04 POURED-IN-PLACE INSTALLATION

A. Install playground safety surfacing in accordance with the manufacturer's instructions at locations indicated on the Drawings.

1. Verify with safety surfacing manufacturer required depth of surfacing for installed play equipment and fall heights. Notify landscape architect of any discrepancies.
2. Installation of poured in place safety surfacing to be supervised by a trained specialist approved by surfacing manufacturer for the safety surfacing material specified. Install as directed by supervisor and directed by manufacturer.
3. Upon approval of base course, install safety surfacing as shown on Drawings and as directed by manufacturer.

3.05 INSPECTIONS AND REVIEWS

A. Pre-Playground Surfacing Review

1. See Section 11 68 00 – PLAYGROUND EQUIPMENT

B. Intermediate Surfacing Installation Review

1. Contractor shall request Landscape Architect perform Protective Surfacing Layout Review after the installation of approx. 50 SF of the playground surfacing is installed.

a. Review of surfacing layout and elevation compared to adjacent surfaces
b. Review surfacing height/depths meet specified requirements

3.06 FIELD QUALITY CONTROL

A. Installed Surface Performance Test: ASTM F1292

1. Perform impact attenuation testing according to ASTM F1292 in the presence of the Owner’s representative within 30 days of installation.

a. Confirm Impact Attenuation Performance of Surfacing Tiles:

1) g-max Score: Less than 125
2) Head Injury Criteria (HIC) Score: Less than 700

2. Test Equipment Operator Qualifications:

a. National Recreation and Parks Association/National Playground Safety Institute (NRPA/NPSI), Certified Playground Safety Inspector (CPSI).
b. Trained in the proper operation of Triax test equipment by a competent agency.

3. Determine compliance with ASTM F 1292 unless otherwise specified in this section.

B. CLEANING

1. During construction, keep adjacent paving, park and construction clean and work area in an orderly condition.
2. Remove construction related debris and clean adjacent surfaces including play equipment, structures, and paving.
3. Remove all trash and debris from playground and Project site
4. Remove adhesive spills from playground safety surfacing tiles in accordance with the manufacturer's instructions.
5. Clean tiles in accordance with the manufacturer's instructions.

C. PROTECTION

1. Protect playground safety surfacing tiles from foot traffic for a minimum of 12 hours after installation.
2. Protect completed tiles from damage during construction.

END OF SECTION

SITE FURNISHINGS

PART 1. GENERAL

1.01 RELATED DOCUMENTS

A. Drawings.

B. Refer to Specification Divisions 0 and 1 for project general requirements.

1.02 SUMMARY

A. This Section includes the following:

1. Benches –Reinstalled
2. Benches – New
3. Fences - Custom
4. Gates - Custom

B. Related Sections include the following:

1. Section 05 50 00 Metal Fabrications
2. Earthwork Div 20 - Municipality of Anchorage Standard Specifications (MASS)
3. Portland Cement Concrete Div 30 - Municipality of Anchorage Standard Specifications (MASS)

1.03 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, finishes, colors, field-assembly requirements, and installation details.

B. Shop Drawings: Show fabrication and installation details (including plans, elevations, sections, and details of fabrications and their connections) for:

1. Gates – Custom
2. Fences - Custom

PART 2. PRODUCTS

2.01 MANUFACTURERS

A. Products: Subject to compliance with requirements, provide the following or an approved equivalent:

B. Bench – Reinstalled

1. Shall consist of existing site furnishing removed from the site and refurbished.
2. Refurbishing shall include cleaning, removal of concrete, and replacement of hardware and component pieces bring furnishing to a good quality used condition.
3. It is at the Contractor’s discretion to substitute new benches of equal or higher quality in place of refurbishing. Substitutions submitted for approval shall be made per this specification.

C. Bench – New

1. Manufacturer: Belson
2. Contact: Belson Outdoors, LLC. 627 Amersale Drive, Naperville, IL 60563. Phone: (630) 897-4849. Email: sales@belson.com

3. Model: Recycled Plastic Walden Bench with back and armrests (WDB-AR-6-RP-IG)
4. Frame Color: Black
5. Seat and Back Color: Cedar
6. Attachment: Embedded

D. Fences

1. Custom Fabrication per drawings

E. Gates

1. Custom Fabrication per drawings

PART 3. EXECUTION

3.01 EXAMINATION

A. Examine areas and conditions, with the Installer present, for compliance with correct and level finished grade requirements, mounting surfaces, installation tolerances, and other conditions affecting performance.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION, GENERAL

A. Comply with the manufacturer's written installation instructions unless more stringent requirements are indicated. Complete field assembly of site furnishings, where required.

B. For relocated site furnishings, if the manufacturer’s specifications cannot be located, install to match previously installed conditions unless otherwise directed by the landscape architect.

C. Unless otherwise indicated, install site furnishings after landscaping and paving have been completed.

D. Install site furnishings level, plumb, true, and securely anchored at locations indicated on Drawings.

E. Remove all non-essential labels.

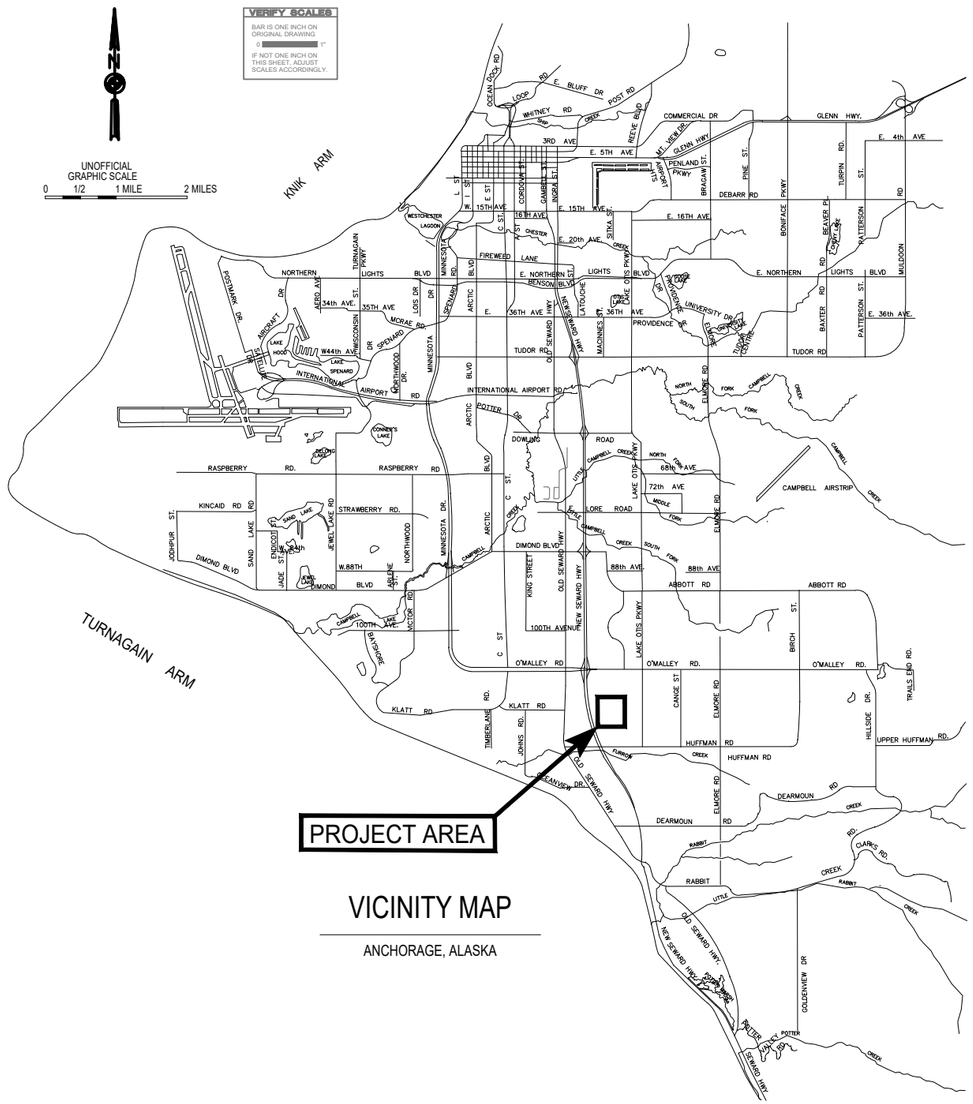
3.03 CLEANING

A. During work, keep adjacent paving and construction clean and the work area in an orderly condition.

B. Protect areas from damage due to installation operations and operations of other contractors and trades.

C. After completing the site furnishing installation, inspect site furnishings. Remove spots, dirt, and debris. Repair damaged finishes to match the original finish or replace components.

END OF SECTION



VICINITY MAP

ANCHORAGE, ALASKA

ANCHORAGE SCHOOL DISTRICT

WILLIAM L BOWMAN ELEMENTARY SCHOOL
PLAYGROUND IMPROVEMENTS
SEPTEMBER 2025
100% CONSTRUCTION DRAWINGS

SHEET INDEX	
SHEET #	SHEET TITLE
GENERAL	
G100	COVER SHEET
G101	ABBREVIATIONS AND NOTES
LANDSCAPE	
L101	EXISTING CONDITIONS PLAN
L102	DEMOLITION PLAN - WEST (AGES 5-12)
L103	DEMOLITION PLAN - EAST (AGES 2-5 & AGES 5-12)
L104	REFURBISHMENT PLAN - PLAY EQUIPMENT #W4
L105	LAYOUT PLAN - WEST (AGES 5-12)
L106	LAYOUT PLAN - EAST (AGES 2-5 & AGES 5-12)
L107	SURFACING PLAN - WEST (AGES 5-12)
L108	SURFACING PLAN - EAST (AGES 2-5 & AGES 5-12)
L109	ADD ALTERNATES #1 & #2
L501	LANDSCAPE DETAILS
L502	LANDSCAPE DETAILS
L503	LANDSCAPE DETAILS
L504	LANDSCAPE DETAILS
L505	LANDSCAPE DETAILS
L901	PLAYGROUND RENDERINGS

GENERAL NOTES

1. CONTRACT DOCUMENTS: THE CONTRACT DOCUMENTS FOR THIS PROJECT, TITLED WILLIAM L. BOWMAN ELEMENTARY SCHOOL PLAYGROUND IMPROVEMENTS, DATED 09-05-2025, CONSIST OF THE PROJECT MANUAL AND BID DOCUMENTS. FOR THE PURPOSE OF THIS PROJECT, ALL INFORMATION HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED.
2. ELECTRONIC MEDIA: THE BID DOCUMENTS HAVE BEEN PREPARED UTILIZING ELECTRONIC DRAFTING FORMATS OF AUTOCAD.
3. REFERENCE CODES: ALL WORK SHALL CONFIRM TO ALL APPLICABLE BUILDING CODES, STANDARDS, REGULATIONS, AND OTHER SUPPLEMENTAL AMENDMENTS RELATED TO THE JURISDICTIONS OF THE PROJECT, IN THEIR LATEST AND MOST RECENT ADOPTED EDITIONS AND EFFECTIVE DATES.
4. VERIFY CONDITIONS: THE CONTRACTOR SHALL VERIFY ALL PROJECT-RELATED NEW AND/OR EXISTING CONDITIONS, INCLUDING DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. PROMPTLY NOTIFY THE PROJECT MANAGER IN WRITING OF DISCREPANCIES AND/OR UNKNOWN CONDITIONS OBSERVED.
5. DRAWING FORMAT: THESE CONSTRUCTION DOCUMENTS HAVE BEEN PRODUCED AT DRAWING SCALES THAT RELATE TO THEIR FULL-SIZE FORMAT 22"X34". DEVIATIONS TO THIS FORMAT SIZE WILL PRODUCE DRAWINGS OUTSIDE OF THE SCALE LIMITS INDICATED. DRAWING REPRODUCTIONS AT ANY FORMAT SHOULD NOT BE SCALED FOR DIMENSIONAL ACCURACY. USE GRAPHIC SCALES ACCORDINGLY.
6. PREPARATION OF DOCUMENTS: THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED FROM OWNER FURNISHED CONSTRUCTION DOCUMENTS. DEVIATIONS FROM THESE CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE PROJECT MANAGER FOR RESOLUTION.
7. PROJECT PERMITTING: OWNER WILL APPLY FOR AND OBTAIN THE BUILDING PERMIT OF CONSTRUCTION DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE CONSTRUCTION PERMIT AND COORDINATING INSPECTIONS.
8. SITE SAFETY: CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT RELATED SAFETY MEASURES ON-SITE, DURING THE PROJECT CONSTRUCTION PERIOD. NOTIFY THE GENERAL CONTRACTOR, AND/OR THE DESIGNATED "SAFETY OFFICER" AT ONCE SHOULD SAFETY RELATED CONCERNS BE OBSERVED ON-SITE.

OWNER

ANCHORAGE SCHOOL DISTRICT
1301 LABAR STREET
ANCHORAGE, AK 99515
PH.907-348-5212

LANDSCAPE ARCHITECTURE

CORVUS DESIGN
2506 FAIRBANKS STREET, UNIT B
ANCHORAGE, AK 99503
PH.907-222-2859

PROJECT DESCRIPTION

- DEMOLITION OF TIMBER RETAINING WALL BEHIND AGES 5-12 PLAY AREA, INCLUDING REMOVAL OF ASPHALT PATH ABOVE AND EXCAVATION AS NEEDED FOR INSTALLATION OF PLAY SURFACING AND NEW SIDEWALK.
- PROTECTION AND REFURBISHMENT OF SELECT PLAYGROUND EQUIPMENT FOR AGES 5-12.
- REMOVAL AND REFURBISHMENT OF SITE FURNISHINGS FOR REINSTALLATION.
- REMOVAL OF PLAY EQUIPMENT FOR RESINTALLATION.
- DEMOLITION OF EXISTING PLAYGROUND EQUIPMENT FOR AGES 2-5 AND AGES 5-12.
- DEMOLITION OF CONCRETE PLAY CURB AND LANDSCAPE EDGING
- REDISTRIBUTION OF SHREDDED RUBBER SURFACING TO ADJACENT AREAS.
- REMOVAL AND DISPOSAL OF SHREDDED RUBBER SURFACING.
- CONSTRUCT NEW CONCRETE PLAY CURB, CONCRETE SIDEWALK, AND CONCRETE PAVEMENT WITHIN PLAY AREA.
- INSTALLATION OF NEW PLAYGROUND EQUIPMENT FOR AGES 2-5 & AGES 5-12, INCLUDING TWO TYPES OF UNITARY PLAYGROUND SAFETY SURFACING.
- INSTALLATION OF NEW FENCING AND GATE BETWEEN AGES 2-5 PLAY EQUIPMENT AND NEW AGES 5-12 SWINGS
- INSTALLATION OF NEW GATE WITHIN THE EXISTING FENCE ADJACENT TO NEW AGES 2-5 PLAY AREA.
- CONSTRUCT NEW EMBANKMENT AND INSTALL POURED-IN-PLACE SAFETY SURFACING
- CONSTRUCT NEW CONCRETE SIDEWALK ABOVE EMBANKMENT.

100% CONSTRUCTION DRAWINGS

ASD PROJECT # 125011

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE MUNICIPALITY OF ANCHORAGE (MOA) STANDARD SPECIFICATIONS (HEREINAFTER REFERRED TO AS MASS), AND THE SPECIAL PROVISIONS. ADDITIONAL SPECIFICATION SECTIONS INCLUDE 116800 PLAYGROUND EQUIPMENT,321800 PLAYGROUND PROTECTIVE SURFACING, 323300 SITE FURNISHINGS, AND 055000 METAL FABRICATIONS.
2. THE LOCATION OF THE EXISTING UTILITIES SHOWN IN THESE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES ENCOUNTERED AND RECORD THEIR LOCATION ON THE CONTRACT RECORD DRAWINGS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ASD PM AND ENGINEER.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE PERMITS SHALL BE MAINTAINED ON THE PROJECT SITE.
4. ALL WORK IN CLOSE PROXIMITY TO EXISTING OVERHEAD AND UNDERGROUND TELEPHONE AND ELECTRIC UTILITIES SHALL COMPLY WITH APPLICABLE FEDERAL, STATE AND LOCAL STATUTES, CODES AND GUIDELINES AND THE CLEARANCE REQUIREMENTS OF THE SERVING UTILITY.
5. CONTRACTOR SHALL REMOVE ANY LITTER OR DEBRIS WITHIN THE PROJECT LIMITS AT THE END OF CONSTRUCTION. CONTRACTOR SHALL MAINTAIN ONGOING SITE CLEANLINESS THROUGHOUT THE PROJECT DURATION.
6. THE CONTRACTOR SHALL MAINTAIN "REDLINE" RECORD DRAWINGS ON A CLEAN SET OF CONSTRUCTION DRAWINGS IN ACCORDANCE WITH THE SPECIFICATIONS. THE "REDLINES" SHALL BE KEPT CURRENT ON A DAILY BASIS AND SHALL BE AVAILABLE TO THE ASD PM AND ENGINEER FOR INSPECTION ON THE JOB SITE. THE CONTRACTOR SHALL SUBMIT RECORD SURVEY NOTES WITH THE RECORD DRAWINGS.
7. ALL FILL, USABLE EXCAVATION, AND TRENCH BACKFILL SHALL BE COMPACTED TO NINETY-FIVE PERCENT (95%) OF MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT, BASED ON MODIFIED PROCTOR TEST VALUES. ALL FILLS SHALL BE PLACED IN LIFTS NOT EXCEEDING 12 INCHES.
8. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL A HAUL ROUTE PLAN FOR ALL MATERIAL REMOVED OR IMPORTED TO THE PROJECT SITE PRIOR TO BEGINNING CONSTRUCTION. THE HAUL ROUTE PLAN SHALL MEET THE REQUIREMENTS OF ANCHORAGE MUNICIPAL CODE 9.46.410A.
9. CONTRACTOR SHALL PLACE 4" DEPTH TOPSOIL AND SOD ON ALL AREAS DISTURBED BY CONSTRUCTION, AND NOT STABILIZED BY OTHER METHODS; I.E. PAVEMENT, MULCH, GRAVEL, ETC. SEE LANDSCAPING SHEETS FOR MORE DETAIL.
10. PROVIDE CONTROLS TO LIMIT SEDIMENT DISCHARGE FROM THE SITE DURING CONSTRUCTION DUE TO SOIL EROSION. THESE CONTROLS SHALL INCLUDE REGULAR SWEEPING OF STREETS ADJACENT TO THE SITE THAT ACCUMULATE SITE SOILS. ADDITIONAL CONTROLS MAY BE REQUIRED IF THESE MEASURES PROVE INADEQUATE. PREPARE AND IMPLEMENT THE STORMWATER TREATMENT PLAN (MOA TYPE II SWTP) AND UPDATE AS NECESSARY DURING CONSTRUCTION.
11. REFER TO THE PROJECT MANUAL FOR SPECIAL INSPECTION REQUIREMENTS AND FREQUENCIES.

IBC TABLE 1705.6 REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS		
TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

COMMON ABBREVIATIONS	
ABBR.	DESCRIPTION
APPROX, APPX	APPROXIMATE
ASD	ANCHORAGE SCHOOL DISTRICT
C/L, CL	CENTERLINE
DEMO	DEMOLIISH
DIA	DIAMETER
E	EASTING
ELEC	ELECTRIC / ELECTRICAL
EX, EXIST	EXISTING
(E)UG/E	EXISTING UNDERGROUND COMMUNICATION LINE
FG	FINISHED GRADE
FO	FIBER OPTIC
HDPE	HIGH DENSITY POLYETHYLENE
IBC	INTERNATIONAL BUILDING CODE
LF	LINEAR FOOT
MAX	MAXIMUM
MIN	MINIMUM
MOA	MUNICIPALITY OF ANCHORAGE
N	NORTHING
N/A	NOT APPLICABLE
NTS	NOT TO SCALE
(N)UG/E	NEW UNDERGROUND COMMUNICATION LINE
OC	ON CENTER
OH	OVERHEAD
OH/E	OVERHEAD ELECTRICAL LINE
PIP	POURED-IN-PLACE
PL, P/L	PROPERTY LINE
PM	PROJECT MANAGER
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
SF	SQUARE FEET
SWTP	STORM WATER TREATMENT PLAN
TYP.	TYPICAL
W/	WITH

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Statewide	811
Alaska Railroad	265-2520
Military Fuel Lines	552-3760
State Storm Drains	333-2411

SYMBOLS

SECTION/ELEVATION — # / SHEET, TITLE1 — Detail Identification; Sheet Identification

DETAIL — TITLE1, # / SHEET — Detail Identification; Sheet Identification

55 — Existing Grade

55 — Proposed Grade

(4%) — Existing slope

4% — Proposed Slope

+(100.10) — Existing spot Elevation

+100.10 — Proposed Spot Elevation

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ANCHORAGE SCHOOL DISTRICT
BOWMAN ES PLAYGROUND
100% CONSTRUCTION DRAWINGS
ANCHORAGE, AK

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ABBREVIATIONS AND NOTES
SHEET #:
G101

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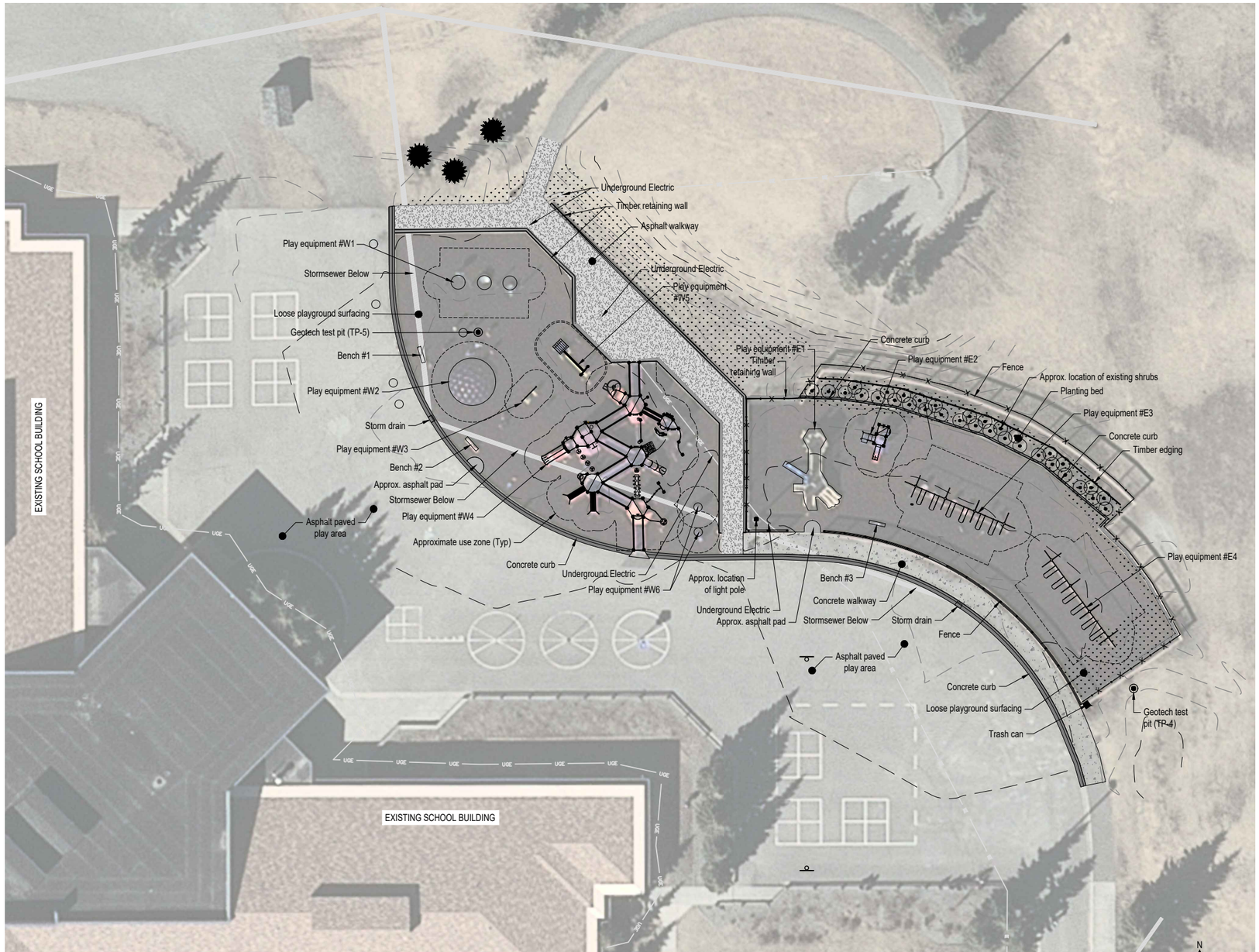


TP-4

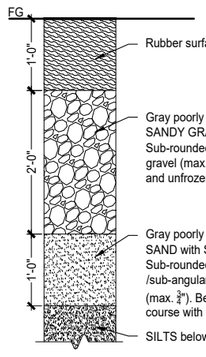
Dark brown organics SILT; OL. Sub-rounded gravel (max. 1/4"). Frozen with 3" thick grassy ORGANICS and 10% fibrous ORGANICS by volume throughout.

Dark gray SILT; ML. Sub-rouned gravel (max. 3/8"). Unfrozen with trace minerals.

Brown pooly graded SAND; SP.

SILTS below

TP-5



Rubber surfacing

Gray poorly graded SANDY GRAVEL; sGP. Sub-rounded/sub-angular gravel (max. 2"). Moist and unfrozen fill.

Gray poorly graded SAND with SILT; SP-SM. Sub-rounded /sub-angular gravel (max. 3/4"). Bedding course with trace gravel.

SILTS below

2/L101 **Test Pit Sections**
SCALE: NTS @22x34

1/L101 **Existing Conditions Plan**
SCALE: 1" = 20'-0" @22x34

0' 20' 40' 60'

N

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EXISTING CONDITIONS PLAN
SHEET #:
L101

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Play Equipment #W1 - Protect in place.

Play Equipment #W2 - Demolish

Play Equipment #W3 - Remove, refurbish, and reinstall per Sheet L105.

Play Equipment #W4 - Protect and refurbish per Sheet L104.

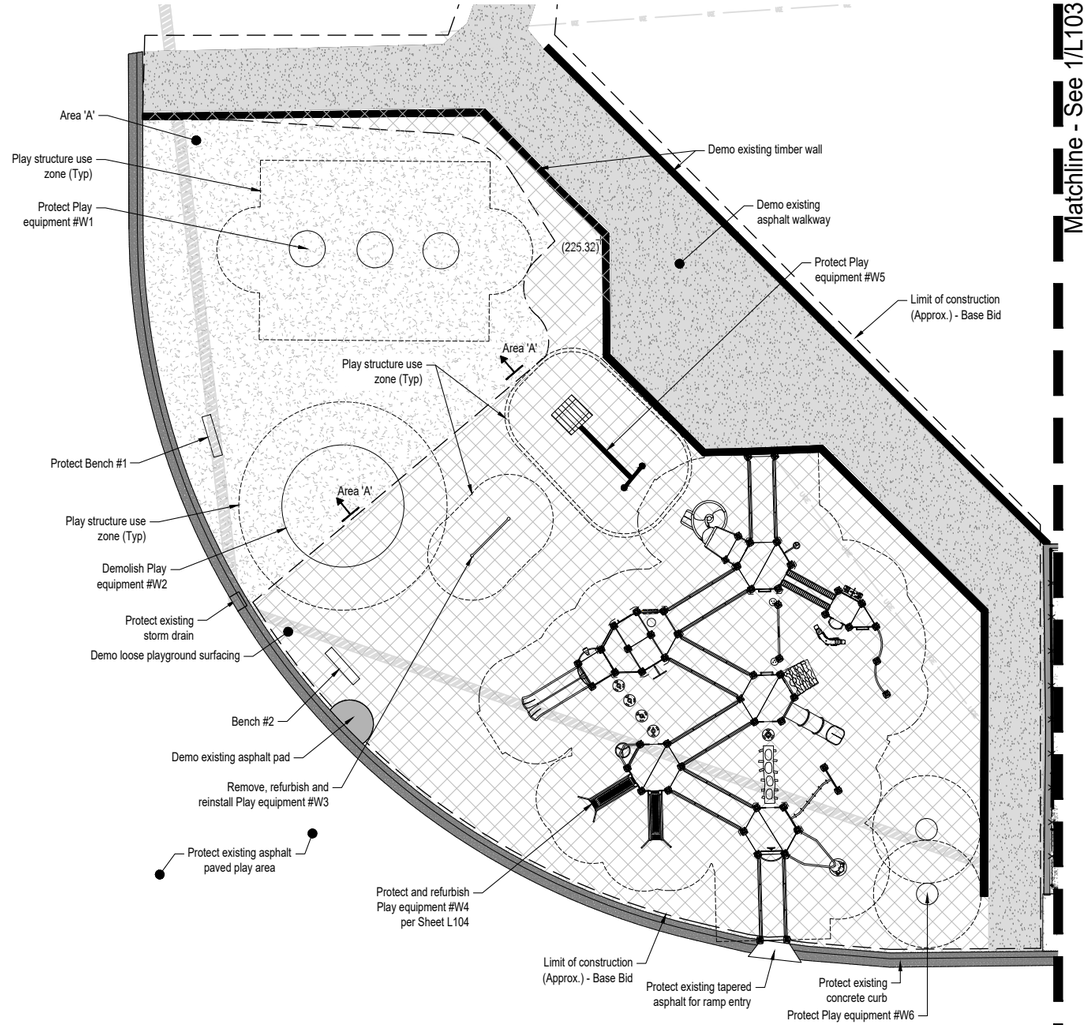
Play Equipment #W5 - Protect and refurbish per Sheet L104.

Play Equipment #W6 - Protect in place.

Demo Plan Legend

	Existing loose playground surfacing to be demolished
	Existing loose playground surfacing 'Area A' to remain - Protect in place
	Existing concrete pavement to remain and be protected
	Existing asphalt pavement to demolished

DEMOLITION NOTES:
1. Demolition includes removal of all components, including footings.
2. Benches #2,3, & 4 - Remove, refurbish, and reinstall where indicated.



1 / L102 **Demo Plan - West (Ages 5-12)**
SCALE: 1" = 10'-0" @22x34

Matchline - See 1/L103

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DEMO PLAN - WEST (AGES 5-12)

SHEET #:
L102

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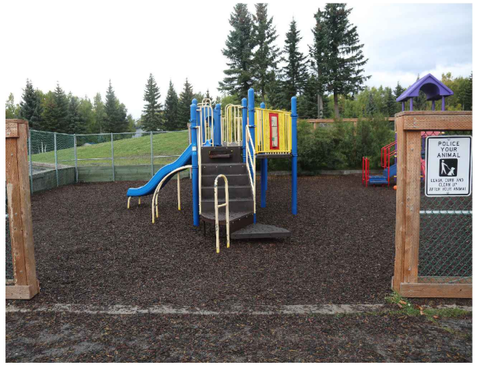


Play Equipment #E1 - Demolish

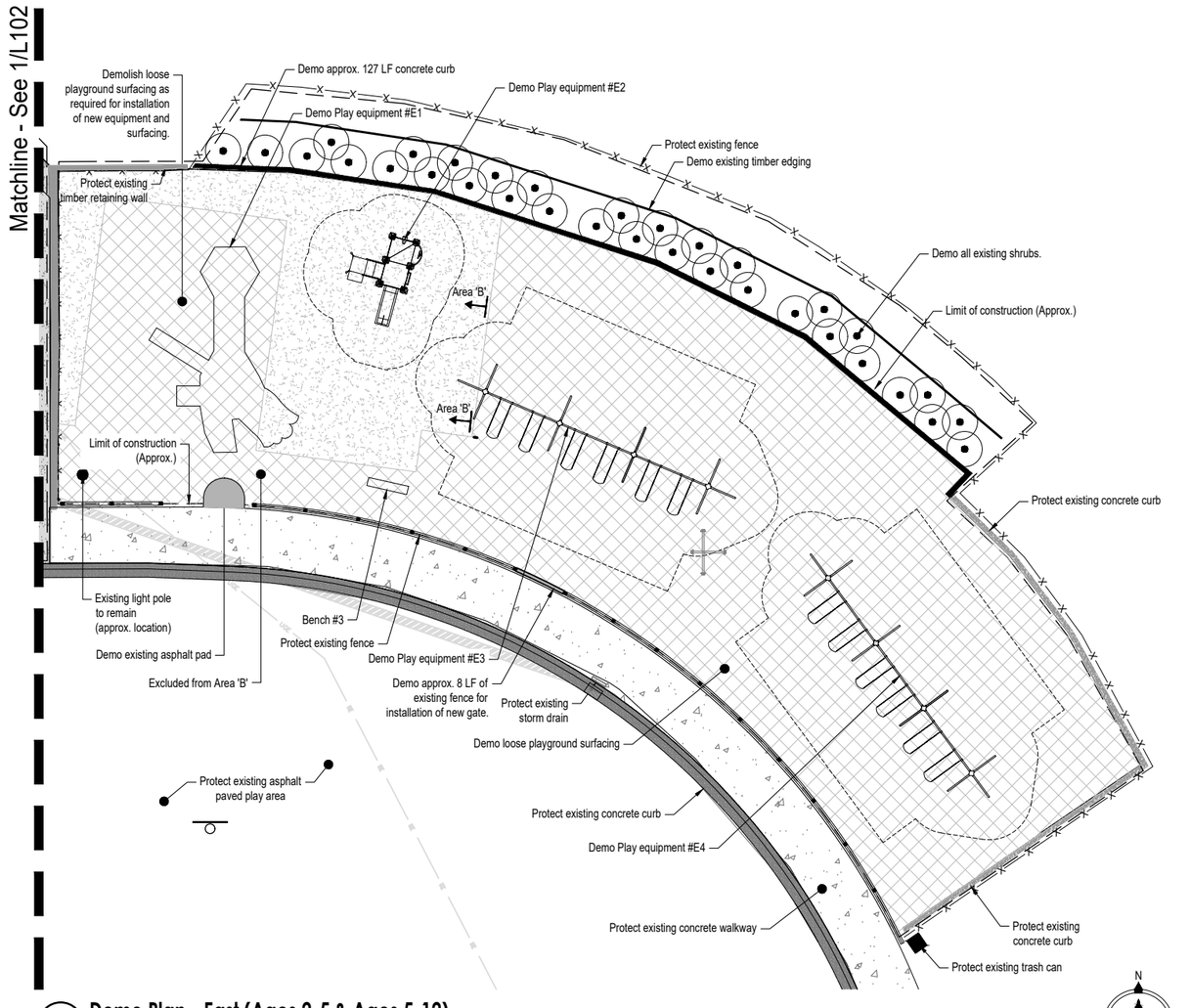
Play Equipment #E2 - Demolish

Play Equipment #E3 & #E4 - Demolish

Demo Plan Legend

	Existing loose playground surfacing to be demolished
	Existing loose playground surfacing 'Area B' to remain - Protect in place
	Existing concrete pavement to remain and be protected
	Existing concrete curb to remain and be protected
	Existing concrete curb to be demolished

DEMOLITION NOTES:
1. Demolition includes removal of all components, including footings.
2. Benches #2,3, & 4 - Remove, refurbish, and reinstall where indicated.



1 / L103 **Demo Plan - East (Ages 2-5 & Ages 5-12)**
SCALE: 1" = 10'-0" @22x34

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DEMO PLAN - EAST
(AGES 2-5 & AGES 5-12)

SHEET #:
L103

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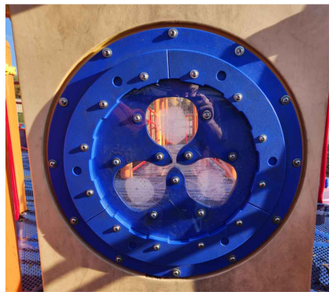
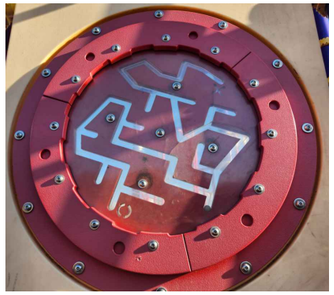
Roller Table (R1) - Disassemble as needed to remove debris.
Clean components prior to reassembly.



Hourglass Panel (R2) - Disassemble as needed to install marbles.
Clean components prior to reassembly.

Telescope (R3) - Disassemble as needed to replace damaged window.
Clean components prior to reassembly.



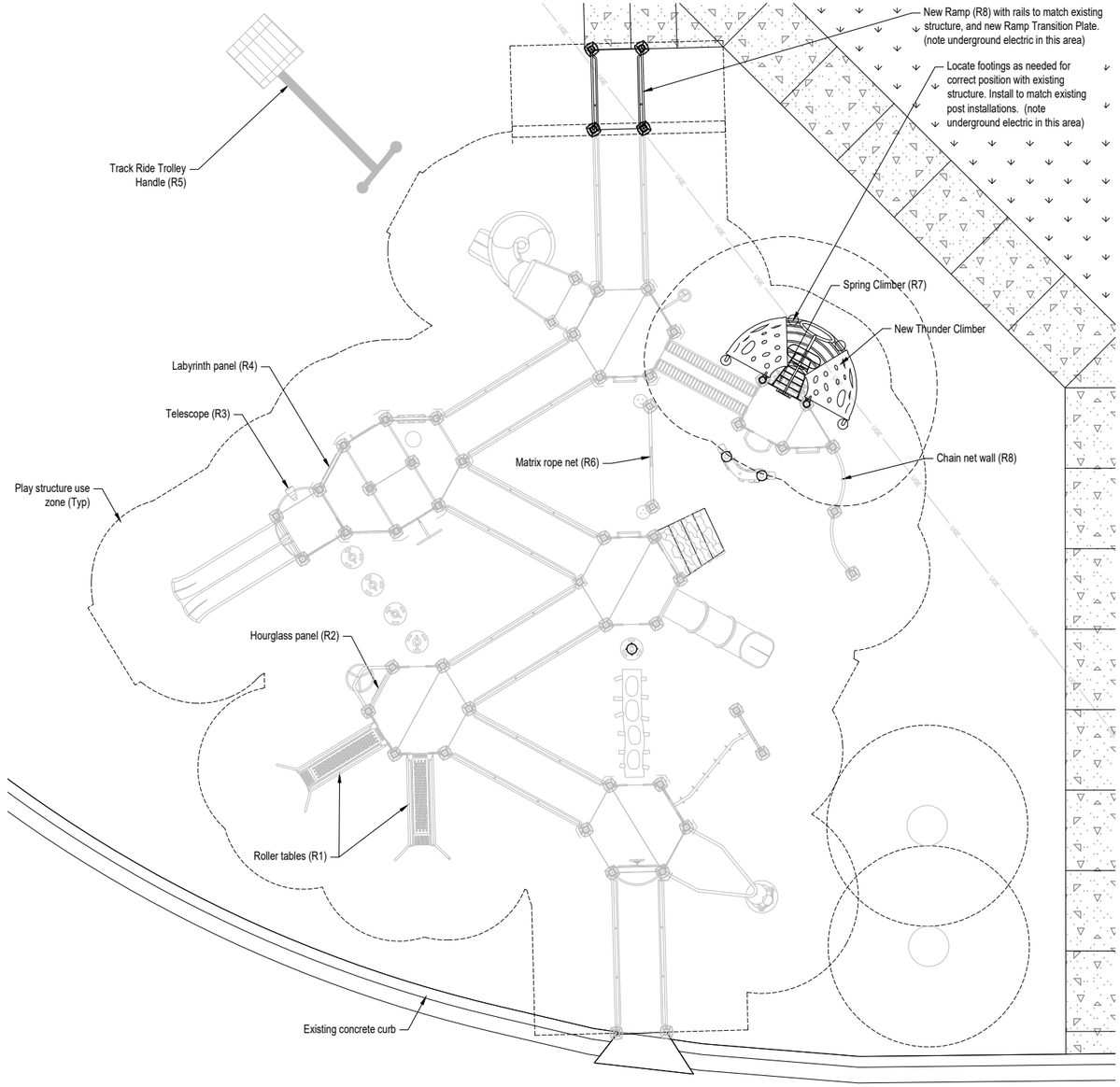
Labyrinth Panel (R4) - Dissasemble as needed to replace broken window.
Clean components prior to reassembly.

Rrack Ride Trolley Handle (R5) - Replace handle with new.

Matrix Rope Net (R6) - Remove and dispose
as needed to replace with new.

Spring Climber (R7) - Remove and dispose (including
footings) as needed for installation of NEW Thunder Climber.

Chain Net Wall (R8) - Remove and dispose
as needed to replace with new.



1 / L104 **Refurbishment Plan - Play Equipment #W4 (Ages 5-12)**
SCALE: 1" = 5'-0" @22x34

0' 5' 10' 15'

N

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REFURBISHMENT PLAN - PLAY EQUIPMENT #W4
SHEET #:
L104

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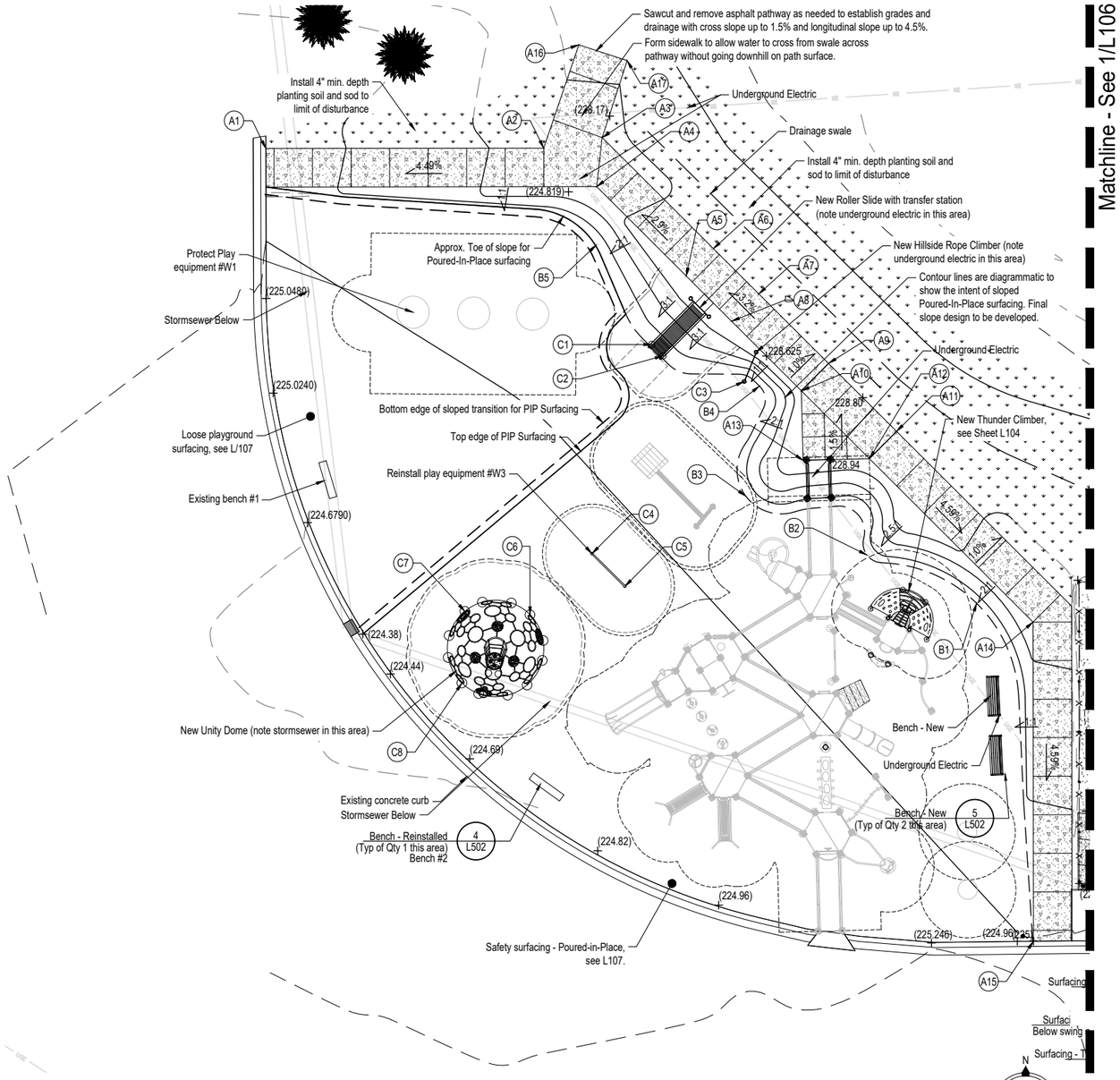
Location	Northing	Easting	Elevation
A1	303042.4289	355546.5617	25.5
A2	303042.4811	355589.8203	227.38
A3	303044.1213	355598.9248	227.61
A4	303036.491	355598.078	227.81
A5	303022.599	355612.0035	228.38
A6	303026.8913	355616.2761	228.32
A7	303019.7917	355623.3132	228.32
A8	303015.5439	355619.0757	228.38
A9	303008.9764	355634.2343	228.72
A10	303004.7096	355629.9361	228.78
A11	302998.3911	355644.7656	228.88
A12	302994.1432	355640.528	228.94
A13	302993.8835	355630.2086	228.94
A14	302968.7181	355666.0146	227.28
A15	302919.0235	355666.0745	225
A16	303058.5660	355595.2880	228.224
A17	303056.1129	355602.8120	228.39
B1	302971.6483	355657.2282	225.89
B2	302979.1559	355640.1404	225.75
B3	302988.3359	355621.2697	225.58
B4	303005.4453	355623.4137	225.3
B5	303027.4156	355598.0044	225.82
C1	303011.915	355606.6583	225.3
C2	303010.167	355608.4105	225.3
C3	303006.15	355621.037	
C4	302979.3667	355597.3361	
C5	302974.2787	355602.4701	
C6	302969.8493	355587.6895	
C7	302970.3844	355577.5591	
C8	302959.2326	355577.0943	
D1	302972.9361	355689.2892	225.5
D2	302966.491	355737.108	225.5
D3	302961.8801	355771.317	225.5
D4	302903.0343	355816.1841	225
D5	302879.0599	355784.7401	
D6	302936.8316	355734.3744	
D7	302937.0002	355733.1319	225.03
D8	302938.1091	355724.9607	225.03
D9	302932.1547	355724.16	224.94
D10	302936.8535	355689.2987	224.94
D11	302936.854	355689.299	224.94
E1	302958.1237	355681.2805	
E2	302955.1183	355703.5788	
E3	302952.1128	355725.8772	
E4	302954.9674	355743.8945	
E5	302956.5099	355753.3881	
E6	302949.1106	355764.1778	
E7	302939.7403	355775.9564	
E8	302930.2622	355747.1816	
E9	302922.6114	355761.1128	
E10	302926.3276	355780.0067	
E11	302917.3814	355786.8278	
E12	302908.4352	355793.649	
E13	302899.4889	355800.4701	
E14	302909.8357	355760.1346	

2 / L105 **Coordinates Table - Base Bid**
SCALE: NTS @22x34



1 / L105 **Layout Plan - West (Ages 5-12) - Base Bid**
SCALE: 1" = 10'-0" @22x34

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LAYOUT PLAN - WEST (AGES 5-12)

SHEET #:
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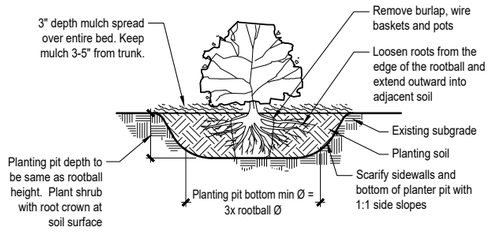
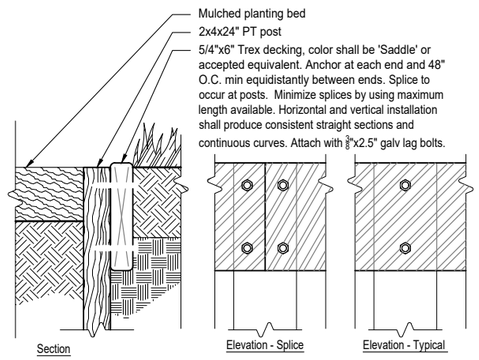


Notes:
1. To prevent settlement, thoroughly water planting soil while backfilling
2. Do not fertilize at time of installation
3. If present, remove all pots, twine, wire, and burlap from rootball

2 / L106 Shrub Planting
SCALE: NTS @22x34



3 / L106 Landscape Edging
SCALE: NTS @22x34

Shrubs - See Detail: 2 / L106 Shrub Planting

Qty.	Symbol	Label	Botanical Name	Common Name	Size	Furnished	Notes
25		SP	Syringa x prestoniae 'Donald Wyman'	'Donald Wyman' Lilac	6' Min. Height	CG	

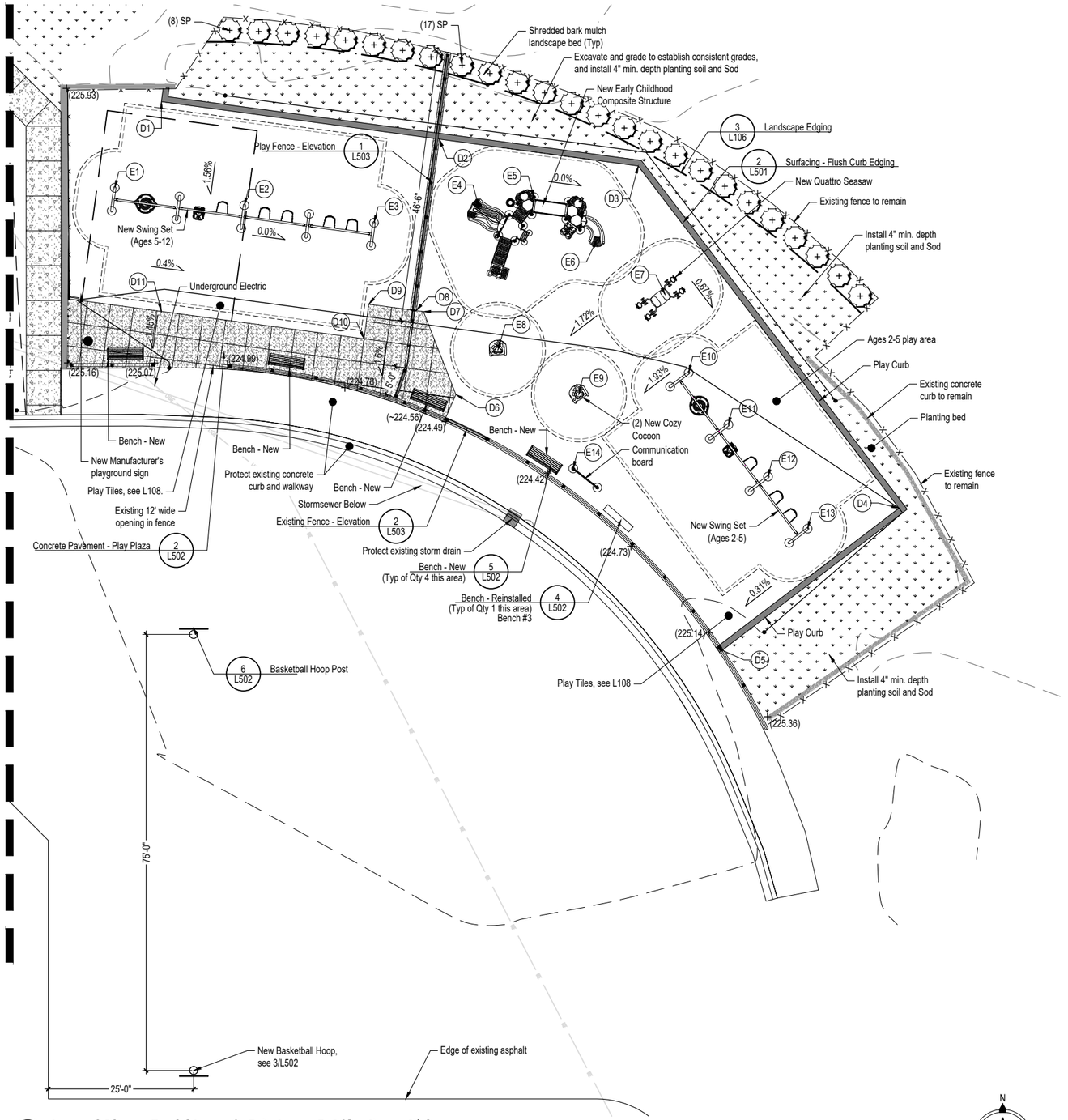
Miscellaneous

4" Minimum depth planting soil and Sod

General Notes:

1. While utilities are shown, contractor is responsible to verify location and type prior to work. Do not install trees if overhead utilities are present.
2. Construct project per Municipality of Anchorage Standard Specifications (MASS) and specification sections 05 50 00 Metal Fabrications, 11 68 00 Playground Equipment, 32 18 00 Playground Protective Surfacing, 32 33 00 Site Furnishings.
3. All plants: nursery grown to ANSI Z60.1.Where planting materials are installed within soil areas, excavate as necessary to achieve soil depths and extents per planting details plus additional excavation as needed to install mulch (as relevant) and for soft surfaces to be 1" below adjacent hard surfaces (as relevant). Coordinate earthwork activities to ensure that final grades are met, and positive drainage is achieved.
4. Apply 4" depth planting soil and sod to all disturbed areas not indicated on plans.
5. Landscape contractor: Coordinate the excavation of planting soil areas and planting beds with the General or Prime Contractor.
6. Landscape contractor: Coordinate with the general or prime contractor for stabilization of all disturbed areas (disturbed soils) in accordance with Local, State, and Federal requirements for storm water pollution prevention plans.

4 / L106 Planting Schedule
SCALE: NTS @22x34



1 / L106 Layout Plan - East (Ages 2-5 & Ages 5-12) - Base Bid
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0' 10' 20' 30'

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LAYOUT PLAN - EAST (AGES 2-5 & AGES 5-12)

SHEET #: L106

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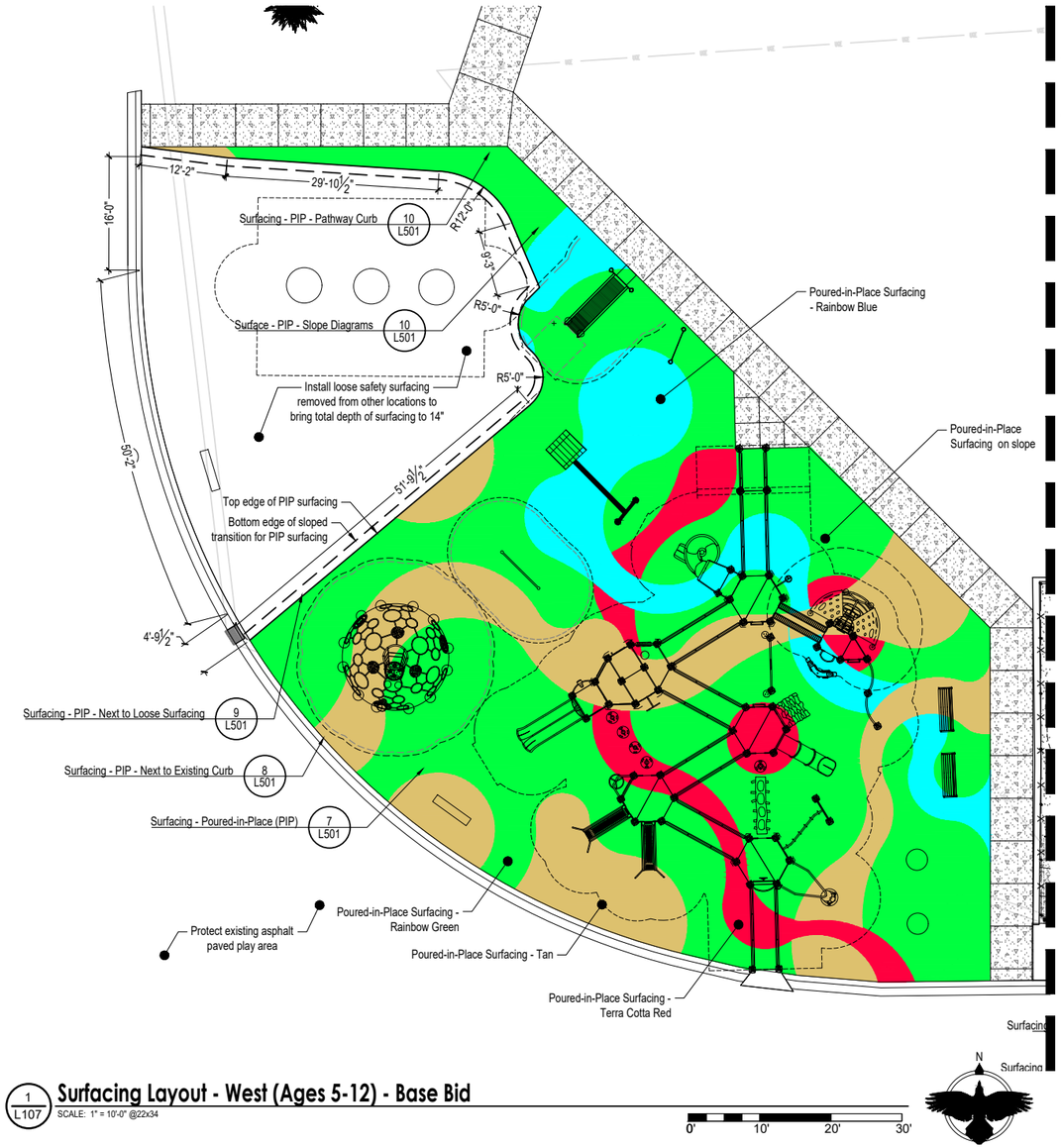

1 / L107 **Surfacing Layout - West (Ages 5-12) - Base Bid**
SCALE: 1" = 10'-0" @22x34

Matchline - See 1/L108

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BOWMAN ES PLAYGROUND

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SURFACING PLAN - WEST (AGES 5-12)

SHEET #:
L107

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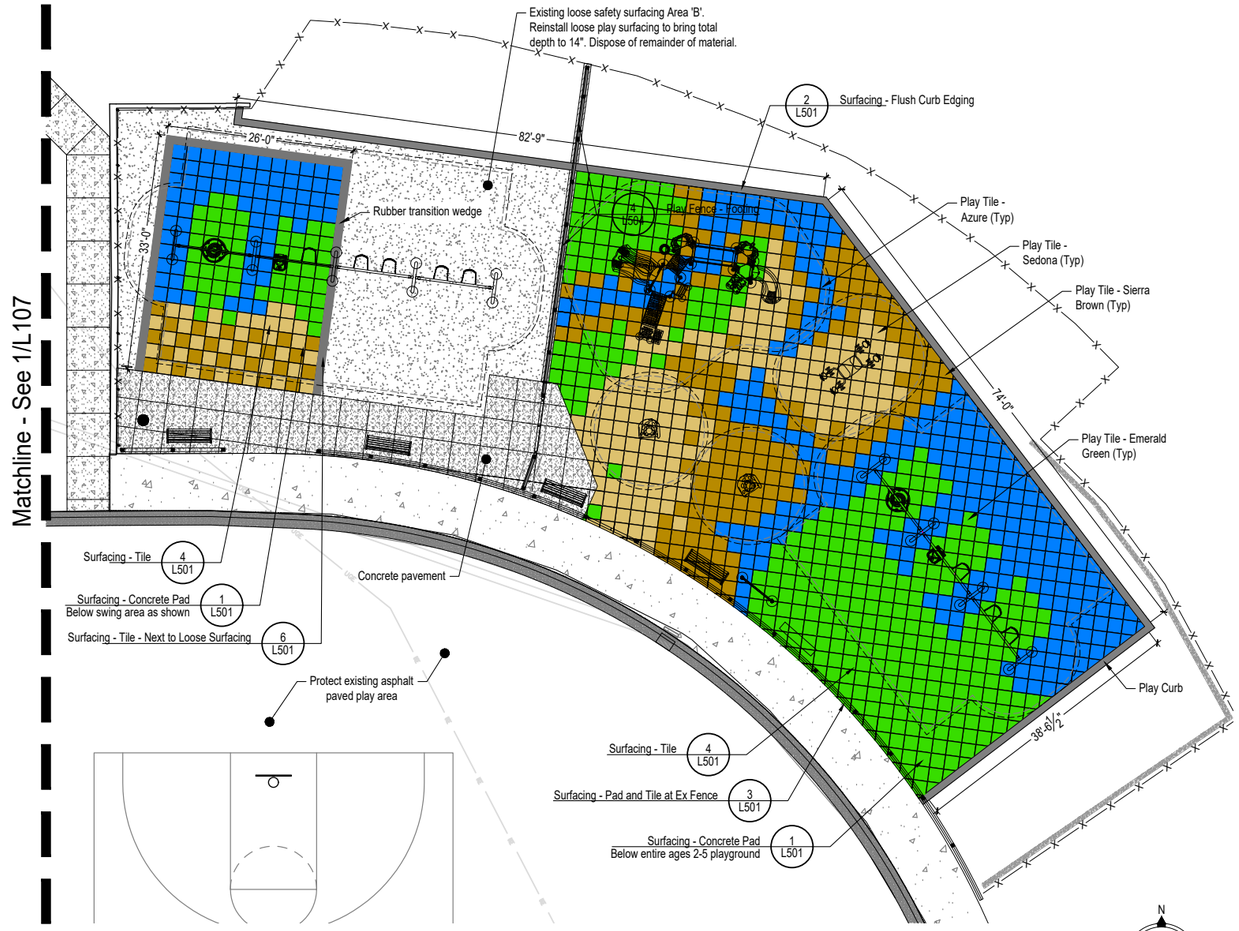

1/L108 **Surfacing Layout - East (Ages 2-5 & Ages 5-12 Swings) - Base Bid**

SCALE: 1" = 10'-0" @22x34

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ANCHORAGE SCHOOL DISTRICT

BOWMAN ES PLAYGROUND

100% CONSTRUCTION DRAWINGS

ANCHORAGE, AK

1" ACTUAL

If the above dimension does not measure exactly 1", this drawing has been enlarged or reduced, affecting all scales.

DATE: 09/08/2025
JOB NUMBER: ASD-24-01
DRAWN BY: BL
CHECKED BY: PB

SURFACING PLAN-EAST
(AGES 2-5 & AGES 5-12)

SHEET #:
L108

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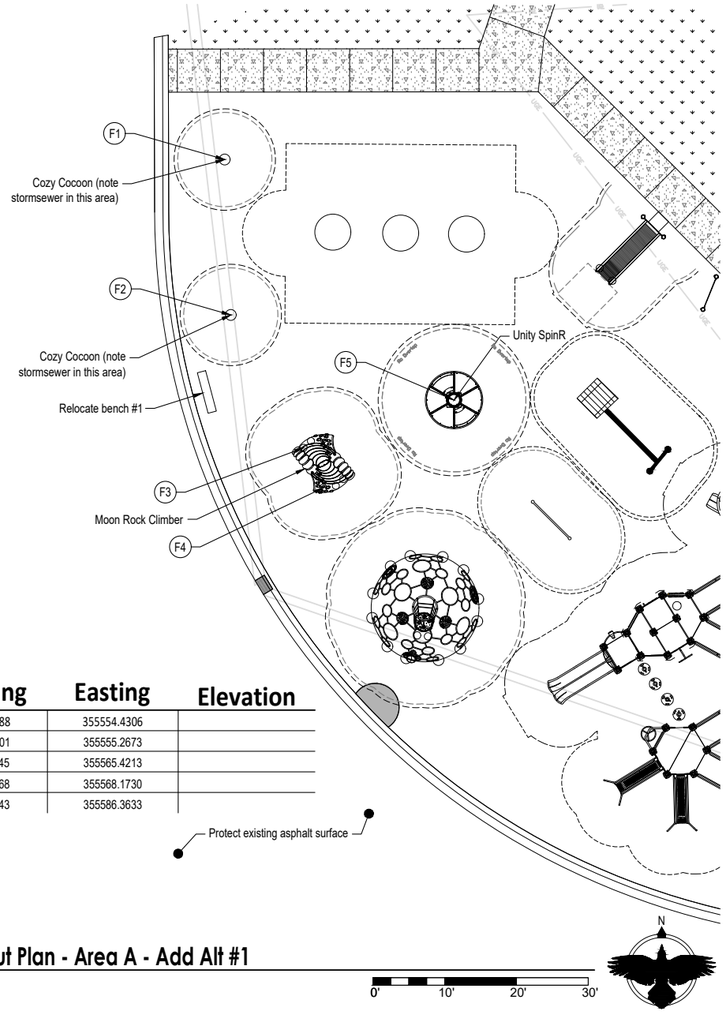
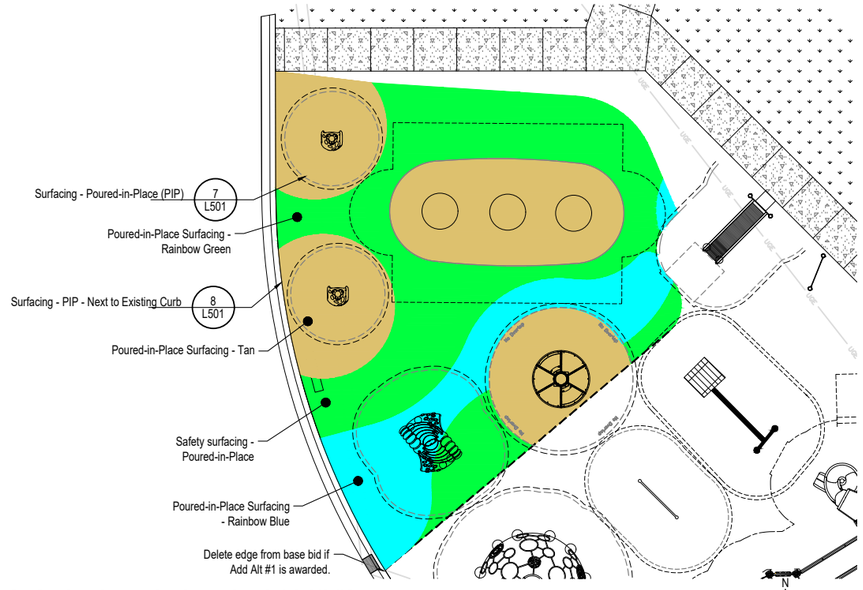
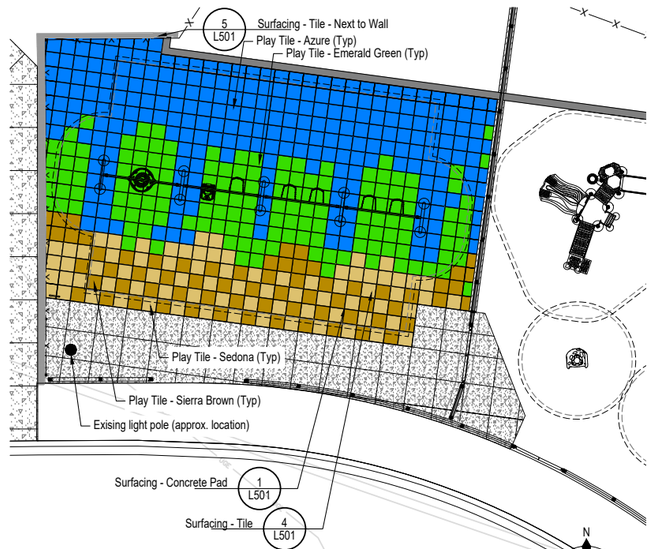


Location	Northing	Easting	Elevation
F1	303027.0388	355554.4306	
F2	303005.4001	355555.2673	
F3	302986.8945	355565.4213	
F4	302981.3368	355568.1730	
F5	302993.5443	355586.3633	

2 L109 **Equipment Layout Plan - Area A - Add Alt #1**
SCALE: 1" = 10'-0" @22x34
0' 10' 20' 30'



1 L109 **Surfacing Layout - Area A - Add Alt #1**
SCALE: 1" = 10'-0" @22x34
0' 10' 20' 30'



4 L109 **Surfacing Layout - Area B - Add Alt #2**
SCALE: 1" = 10'-0" @22x34
0' 10' 20' 30'

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STATE OF ALASKA 49TH
Peter D. Briggs
9/7/2025
No.10737
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
Corporate License #1195

ANCHORAGE SCHOOL DISTRICT
BOWMAN ES PLAYGROUND
100% CONSTRUCTION DRAWINGS
ANCHORAGE, AK

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ADD ALTERNATES #1 & #2
SHEET #:
L109

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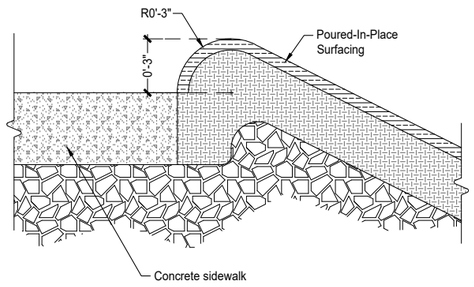
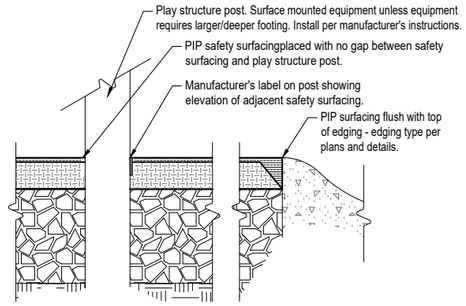
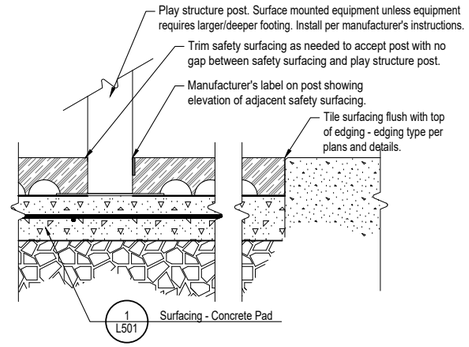


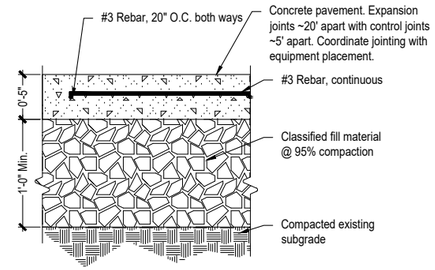
10/L501 Surfacing - PIP - Pathway Curb
SCALE: 3" = 1'-0" @22x34



7/L501 Surfacing - Poured-in-Place (PIP)
SCALE: 1 1/2" = 1'-0" @22x34

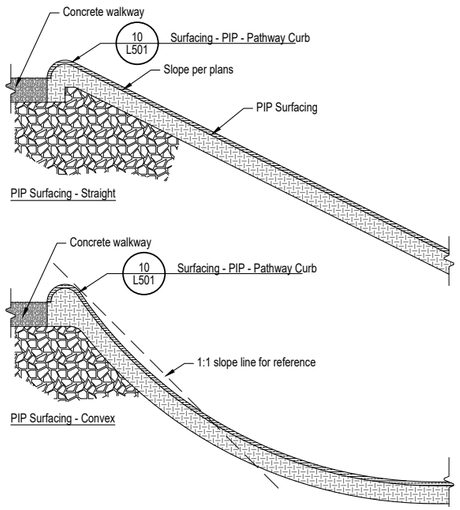


4/L501 Surfacing - Tile
SCALE: 1 1/2" = 1'-0" @22x34

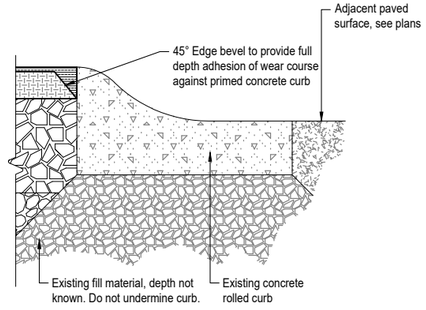


Increase depth of classified fill material as necessary to establish grades. This installation detail occurs in areas where the depth of play surfacing (shredded rubber and remnant pea gravel below) to be removed is approximately 12". This is above material placed for the previous development of the playground. It is assumed that existing material (existing subgrade to be compacted) is suitable for re-use. If the contractor assesses the material as unsuitable to provide a structural section of 24" below the concrete pad, notify landscape architect.

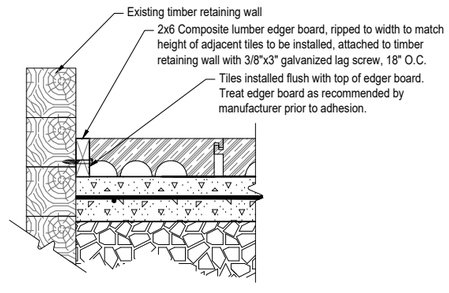
1/L501 Surfacing - Concrete Pad
SCALE: 1 1/2" = 1'-0" @22x34



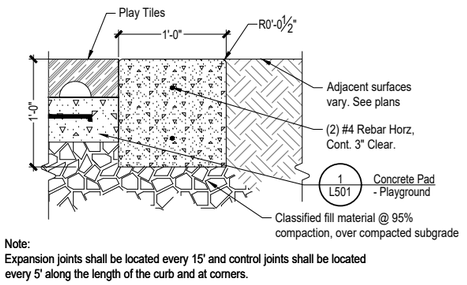
10/L501 Surface - PIP - Slope Diagrams
SCALE: 1" = 1'-0" @22x34



8/L501 Surfacing - PIP - Next to Existing Curb
SCALE: 1 1/2" = 1'-0" @22x34

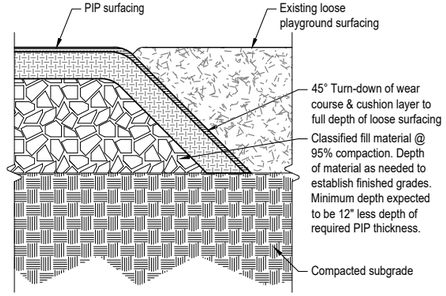


5/L501 Surfacing - Tile - Next to Wall
SCALE: 1 1/2" = 1'-0" @22x34

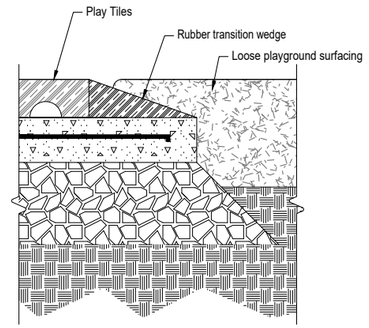


Note:
Expansion joints shall be located every 15' and control joints shall be located every 5' along the length of the curb and at corners.

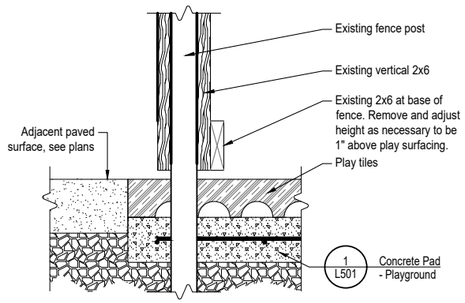
2/L501 Surfacing - Flush Curb Edging
SCALE: 1 1/2" = 1'-0" @22x34



9/L501 Surfacing - PIP - Next to Loose Surfacing
SCALE: 1 1/2" = 1'-0" @22x34



6/L501 Surfacing - Tile - Next to Loose Surfacing
SCALE: 1 1/2" = 1'-0" @22x34



3/L501 Surfacing - Pad and Tile at Ex Fence
SCALE: 1 1/2" = 1'-0" @22x34

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BOWMAN ES PLAYGROUND
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ANCHORAGE, AK

1" ACTUAL

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LANDSCAPE DETAILS
SHEET #:
L501

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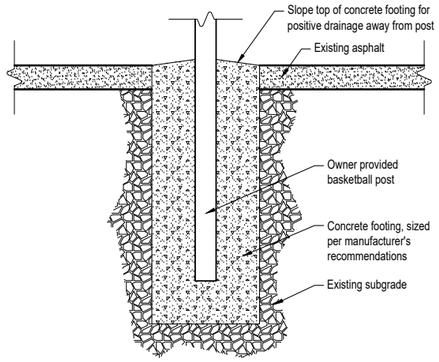
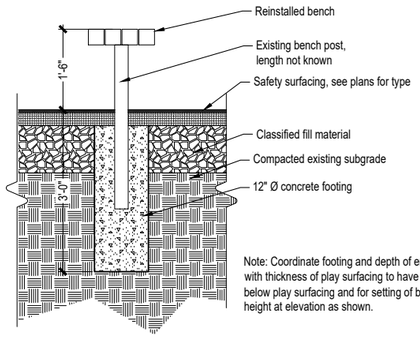
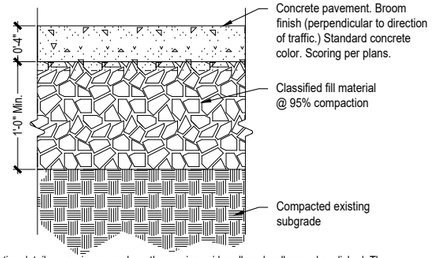


6 / L502 Basketball Hoop Post
SCALE: 1" = 1'-0" @22x34



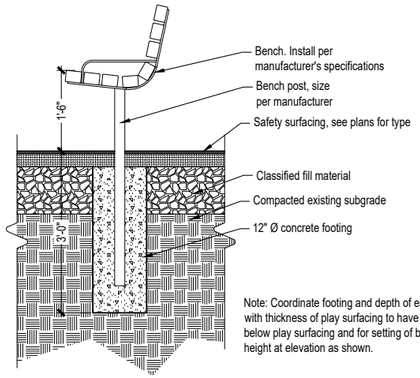
Note: Coordinate footing and depth of embedment with thickness of play surfacing to have top of footing below play surfacing and for setting of bench seating height at elevation as shown.

4 / L502 Bench - Reinstalled
SCALE: 3/4" = 1'-0" @22x34



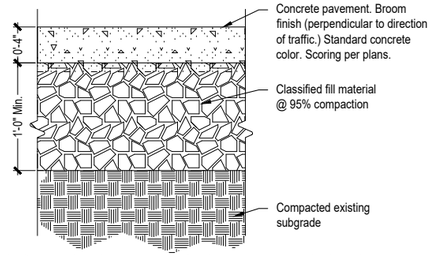
This installation detail occurs in areas where the previous sidewalk and wall were demolished. The structural section below the sidewalk and behind the wall is unknown, but assumed to be good material. The upper and eastern portions of the new sidewalk are up to approximately 9" lower in elevation than previous conditions. It is assumed that existing material (existing subgrade to be compacted) is suitable for re-use. If the contractor assesses the material as unsuitable to provide a structural section of 24" below the concrete pad, notify landscape architect.

1 / L502 Concrete Pavement - Sidewalk
SCALE: 1 1/2" = 1'-0" @22x34



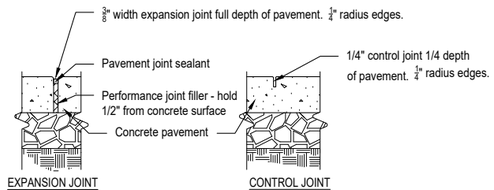
Note: Coordinate footing and depth of embedment with thickness of play surfacing to have top of footing below play surfacing and for setting of bench seating height at elevation as shown.

5 / L502 Bench - New
SCALE: 3/4" = 1'-0" @22x34



Increase depth of classified fill material as necessary to establish grades. This installation detail occurs in areas where the depth of play surfacing (shredded rubber and remnant pea gravel below) to be removed is approximately 12". This is above material placed for the previous development of the playground. It is assumed that existing material (existing subgrade to be compacted) is suitable for re-use. If the contractor assesses the material as unsuitable to provide a structural section of 24" below the concrete pad, notify landscape architect.

2 / L502 Concrete Pavement - Play Plaza
SCALE: 1 1/2" = 1'-0" @22x34



Notes:
1. Typical control joint pattern shall be at distances equal to width of pavement (not to exceed 10') or as otherwise shown on drawings.
2. Expansion joints to be located as per control joint pattern, with minimum separation of 20' or as otherwise shown on drawings.
3. Broom finish shall have a pattern running transverse to main traffic flow.

3 / L502 Concrete Pavement - Joints
SCALE: 1 1/2" = 1'-0" @22x34

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ANCHORAGE SCHOOL DISTRICT

BOWMAN ES PLAYGROUND

100% CONSTRUCTION DRAWINGS

ANCHORAGE, AK

1" ACTUAL

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LANDSCAPE DETAILS
SHEET #:
L502

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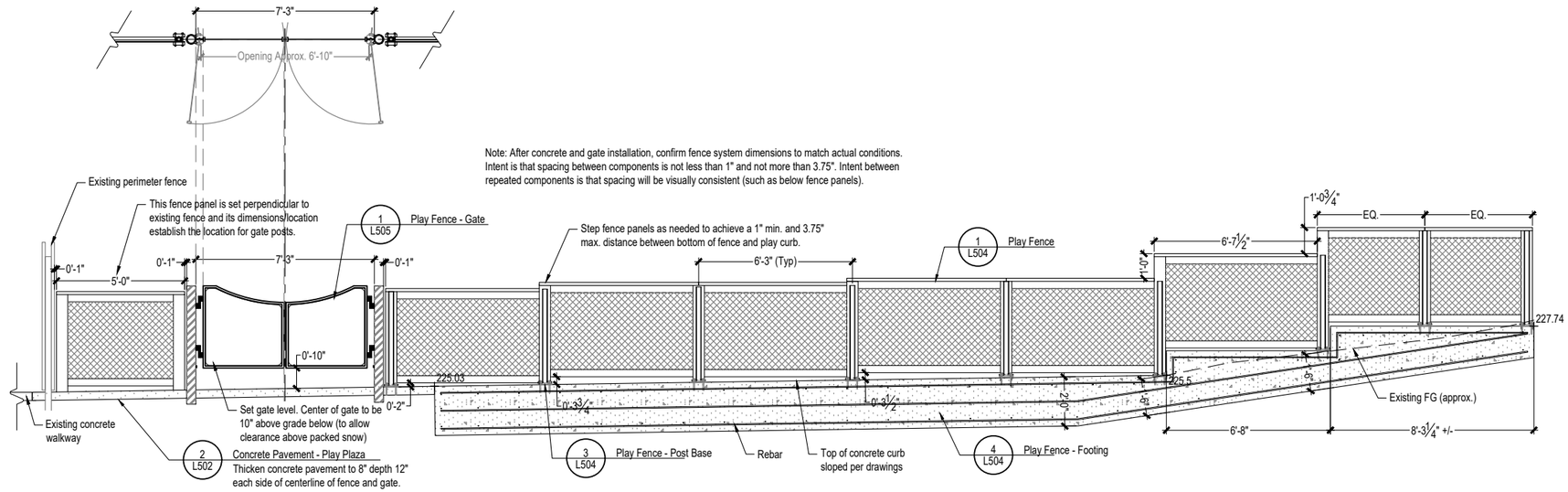
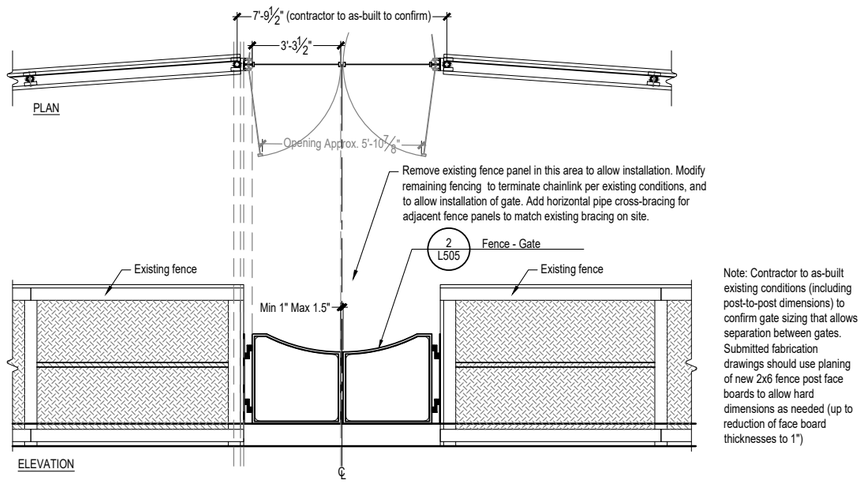


1 / L503 Play Fence - Elevation

SCALE: 3/8" = 1'-0" @22x34



2 / L503 Existing Fence - Elevation

SCALE: 3/8" = 1'-0" @22x34

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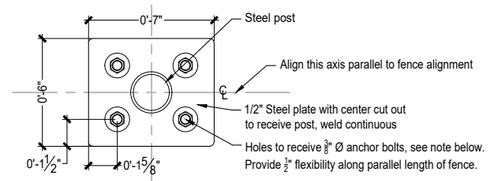
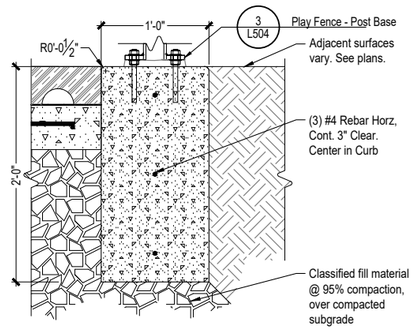


Note:
1) Anchor bolts to be set with hilti "hit ice" adhesive anchoring system or equal. Follow manufacturer's recommendations for temperature and curing.
2) Entire wall attachment assembly, post, and bolted hardware to be hot-dipped galvanized. Screws and miscellaneous attachments shall be stainless steel.

3 / L504 Play Fence - Post Base

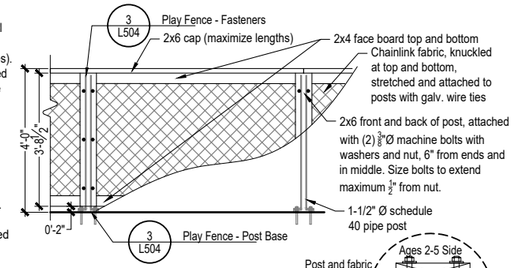
SCALE: 3" = 1'-0" @22x34



Note:
Expansion joints shall be located every 15' and control joints shall be located every 5' along the length of the curb and at corners.

4 / L504 Play Fence - Footing

SCALE: 1 1/2" = 1'-0" @22x34



Notes:
1) All wood for this fence to be pressure-treated hem-fir
2) Bolted hardware shall be hot-dipped galvanized, screws and miscellaneous attachments shall be stainless steel

1 / L504 Play Fence

SCALE: 1/2" = 1'-0" @22x34

3 / L504 Play Fence - Fasteners

SCALE: 3" = 1'-0" @22x34

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LANDSCAPE DETAILS

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L504

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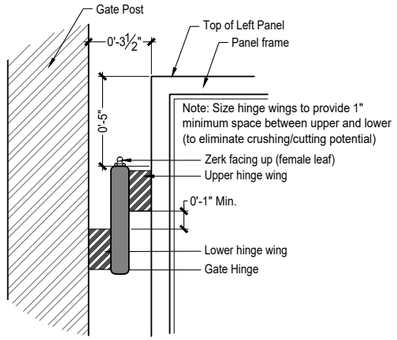
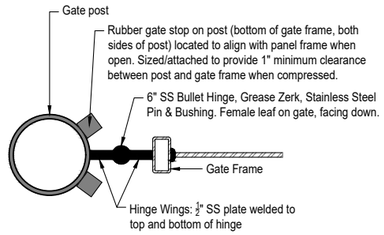


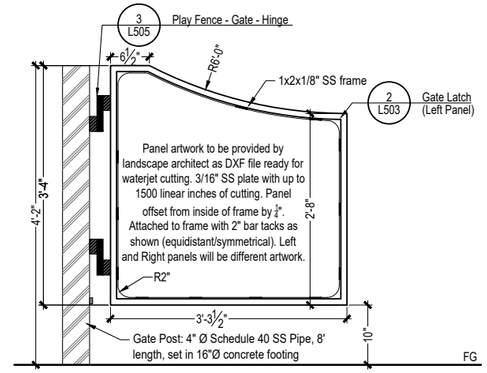
ELEVATION



PLAN

3 / L505 Play Fence - Gate - Hinge

SCALE: 3" = 1'-0" @22x34

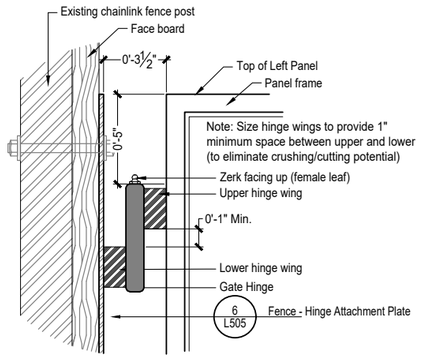


LEFT GATE PANEL - VIEWED FROM WEST TO EAST

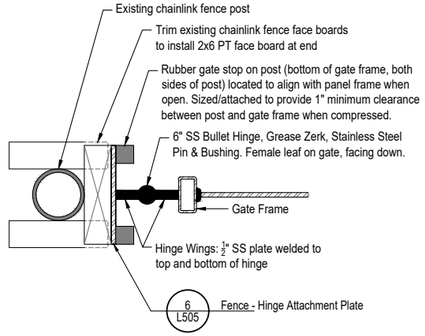
Notes:
1) Entire gate assembly to be SS, sandblast finish.
2) Right panel frame shall be identical to Left Panel, mirror dimensions

1 / L505 Play Fence - Gate

SCALE: 1" = 1'-0" @22x34



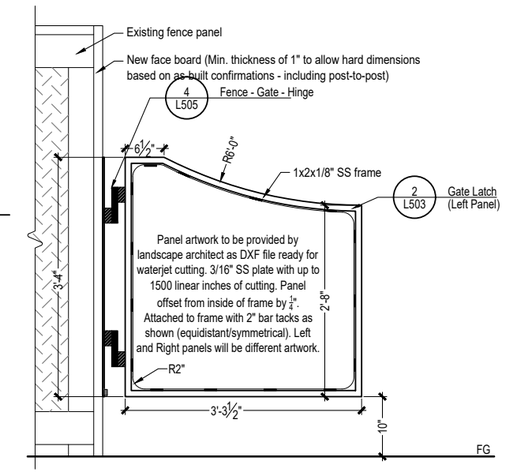
ELEVATION



PLAN

4 / L505 Fence - Gate - Hinge

SCALE: 3" = 1'-0" @22x34

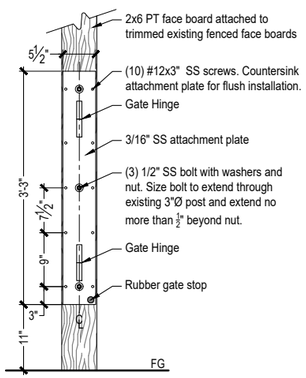


LEFT GATE PANEL - VIEW FROM SOUTH TO NORTH

Notes:
1) Entire gate assembly to be SS, sandblast finish.
2) Right panel frame shall be identical to Left Panel, mirror dimensions

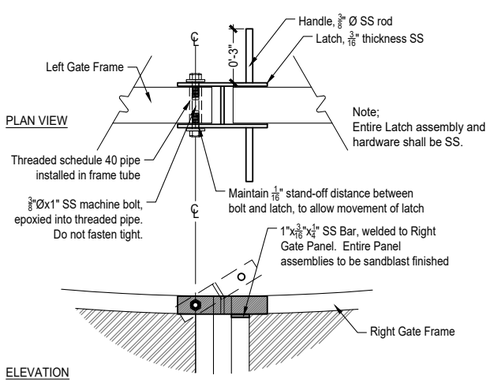
2 / L505 Fence - Gate

SCALE: 1" = 1'-0" @22x34



6 / L505 Fence - Hinge Attachment Plate

SCALE: 1" = 1'-0" @22x34



ELEVATION

5 / L505 Gate Latch

SCALE: 3" = 1'-0" @22x34

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ANCHORAGE SCHOOL DISTRICT
BOWMAN ES PLAYGROUND
100% CONSTRUCTION DRAWINGS
ANCHORAGE, AK

1" ACTUAL

If the above dimension does not measure exactly 1", this drawing has been enlarged or reduced, affecting all scales.

DATE: 09/08/2025
JOB NUMBER: ASD-24-01
DRAWN BY: BL
CHECKED BY: PB

LANDSCAPE DETAILS
SHEET #:
L505

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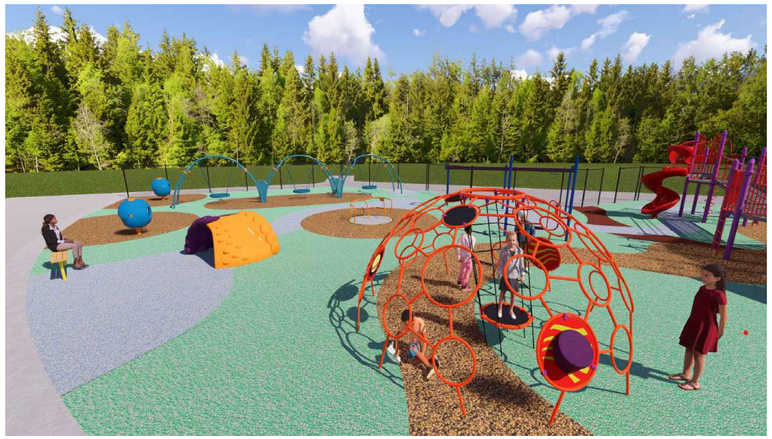
NOTE:
The playground renderings do not reflect accurate existing site conditions, do not reflect accurate existing play equipment to remain in place or be removed and reinstalled, and do not reflect accurate adjacent proposed conditions. These exhibits are only intended to represent the proposed new equipment and safety surfacing.

Ages 5-12 Play Area Rendering #1

Ages 5-12 Swings



Ages 5-12 Play Area Rendering #2

Ages 2-5 Play Area Rendering #1

Ages 5-12 Play Area Rendering #2

Ages 2-5 Play Area Rendering #2

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SEAL:

STATE OF ALASKA
49TH
Peter D. Briggs
9/7/2025
No. 10737
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT

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ANCHORAGE SCHOOL DISTRICT
BOWMAN ES PLAYGROUND
100% CONSTRUCTION DRAWINGS
ANCHORAGE, AK

1" ACTUAL

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DATE: 09/08/2025
JOB NUMBER: ASD-24-01
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PLAYGROUND RENDERINGS
SHEET #:
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